New 470 Project

12 ECKFORD STREET

BROOKLYN, KINGS COUNTY, NEW YORK

Periodic Review Report

April 26, 2023 – April 26, 2024

NYSDEC Brownfield Cleanup Program Site Number: C224242

AKRF Project Number: 12306

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P.E. CERTIFICATION

I, Michelle Lapin, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in this Periodic Review Report (PRR) for the New 470 Project located at 12 Eckford Street in Brooklyn, New York (BCP Site No. C224242).

For each IC and EC identified for the Site, I certify that all the following statements are true:

- The inspection of the Site to confirm the effectiveness of the Institutional Controls (ICs) and Engineering Controls (ECs) required by the remedial program was performed under my direction;
- The ICs and ECs employed at the Site are unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site management plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the Site is compliant with the Environmental Easement;
- The EC systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program, and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Michelle Lapin, P.E., of 440 Park Avenue South, 7th Floor, New York, NY 10016, am certifying as the Owner's Designated Site Representative for the Site.



Michelle Lapin, P.E.		5/23/2024
NYS P.E. License #073934-1	Signature/Stamp	Date

1.0 INTRODUCTION

This Periodic Review Report (PRR) was prepared on behalf of New 470 LLC (the "Volunteer") as an element of the remedial program at the New 470 Project located at 12 Eckford Street in Brooklyn, New York (Tax Block 2714, Lot 33) (hereinafter referred to as the "Site") under the New York State Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site was investigated and remediated to a Track 4 cleanup under the NYSDEC BCP in accordance with Brownfield Cleanup Agreement (BCA) Index No. 224242-10-16, which was executed on December 1, 2016, and the NYSDEC-approved Remedial Action Work Plan (RAWP) and Decision Document (DD). Two BCA Amendment Applications were submitted to and approved by NYSDEC to: (1) reconcile the BCP Site boundary with the updated merged lot boundary, resulting in an acreage increase from approximately 0.497 acre to approximately 0.5123 acre and the merger of former Lot 33 and a portion of former Lot 1 into Lot 33; and (2) to request tangible property credits for the affordable component of the Site. Figure 1 shows the Site location.

The development project, completed concurrently with RAWP implementation, included the construction of an approximately 18,200-square foot, 8-story building with mechanical space in the partial cellar on the southwestern portion of the Site, an at-grade parking garage and lobby on the ground floor, and 101 residential units above. An exterior, open-air concrete dog run occupies the northwestern portion of the Site. The Site is bounded by residential buildings to the north and east; Newton Street to the southeast; Eckford Street to the west; and Manhattan Avenue to the southwest.

An October 2015 Remedial Investigation (RI), an April 2016 delineation sampling event, and a June 2016 Supplemental Remedial Investigation (SRI) were completed at the Site and an off-site portion of former Lot 1 (the north-adjacent lot also owned by the Volunteer) and confirmed that:

- Soil was contaminated with elevated levels of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs);
- Groundwater was contaminated with VOCs, SVOCs, and metals; and
- Soil vapor was contaminated with chlorinated, solvent-related VOCs, and to a lesser extent, petroleum products.

Waste classification sampling conducted in October 2016 to gain off-site disposal acceptance for soil/fill excavated during development identified a limited hazardous lead hotspot.

Remedial activities included:

- Underground storage tank (UST) removal;
- Soil/fill and hazardous lead hotspot removal;
- Construction of a composite cover system; and
- Installation of a sub-slab depressurization system (SSDS) and soil vapor extraction system (SVES).

A Final Engineering Report (FER) detailing Site remedial activities was submitted to and approved by NYSDEC, which resulted in the issuance of a Certificate of Completion (COC) in December 2019. Ongoing Site management activities are being performed in accordance with the NYSDEC-approved December 2019 Site Management Plan (SMP), updated June 2021 but not yet approved by NYSDEC. The SMP provided detailed descriptions of all procedures required to manage known and potential residual contamination. Activities reported herein have been performed on behalf of New 470 LLC, the Remedial Party/Owner.

The purpose of this PRR is to document and certify that the Site Engineering Controls (ECs) and Institutional Controls (ICs) have been implemented in accordance with the SMP during the 12-month

periodic review reporting period from April 26, 2023 to April 26, 2024. All work detailed herein was completed in accordance with the SMP, Excavation Work Plan (EWP), Community Air Monitoring Plan (CAMP), and Health and Safety Plan (HASP).

In summary, the remedy remains effective and protective of human health and the environment, and the Site remains in compliance with the requirements established in the SMP. Monthly, quarterly, and annual inspections and maintenance, and any non-routine inspections and/or maintenance, will continue to be performed in accordance with the SMP.

2.0 SITE BACKGROUND

2.1 Site History

According to historic Sanborn fire insurance maps, the Site was undeveloped prior to 1905. By 1916, former Lot 1 was developed with an unspecified factory building and former Lot 33 was developed with a barrel shed, a carriage garage, and a cooperage with an office. By 1942, former Lot 1 was developed with a sash and door storage facility and a woodworking shop associated with the north-adjacent I. Feldman & Son Inc. Sash & Door Manufacturer; former Lot 30 was developed with a two-story building used for window sash storage; former Lot 32 was labeled as "barrels, boxes, and automobile" with a gasoline tank on the southwestern portion; and former Lot 33 was developed with a cooperage and an office. By 1951, former Lot 1 was developed with a metal container manufacturer and an enameling works with a baking oven and spray booths and former Lot 30 was labeled "to be: garage". Former Lot 1 was developed with a new factory building in 1963 and with a spray booth and storage on the eastern portion by 1965. By 1965, former Lot 30 was developed as a garage and as a factory by 1978. By 1983, former Lot 32 was used for freight storage and motor freight storage between 1986 and 1991. The Site was vacant circa 2014-2016; the former buildings were demolished in 2015 and 2016 to support the new development. The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses.

2.2 Geology and Hydrogeology

Prior to the current development, the stratigraphy of the Site was documented to consist of between approximately 6 and 12 feet of urban fill characterized by sand, gravel, and silt with concrete, asphalt, brick, and ash. Below the fill was an apparent native sand, gravel, and silt stratum to the termination of each boring (approximately 20 feet below sidewalk grade). Groundwater was encountered between approximately 10 and 12.5 feet below sidewalk grade and was documented to flow in a generally westerly direction.

2.3 Remedial Summary

As reported to NYSDEC and New York State Department of Health (NYSDOH), an October 2015 Remedial Investigation (RI), an April 2016 delineation sampling event, and a June 2016 Supplemental Remedial Investigation (SRI) confirmed that: soil was contaminated with volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs); groundwater was contaminated with VOCs, SVOCs, and metals; and soil vapor was contaminated with chlorinated solvent-related VOCs, and to a lesser extent, petroleum products. Additionally, waste classification sampling conducted in October 2016 to gain off-site disposal acceptance for soil/fill excavated during development identified a limited hazardous lead hotspot. Remedial activities conducted in accordance with a NYSDEC-approved Remedial Action Work Plan (RAWP) and Decision Document (DD) included: underground storage tank (UST) removal, soil/fill removal, construction of a composite cover system, and installation of an active sub-slab depressurization system and soil vapor extraction system (SSDS/SVES). The work conducted under the RAWP and DD was documented in a NYSDEC-approved Final Engineering Report (FER) and Site Management Plan (SMP), which resulted in the issuance of a Certificate of Completion (COC) on December 26, 2019. The New York City Office of Environmental Remediation (NYCOER) hazardous materials E Designation requirements were also satisfied, resulting in the issuance of a Notice of Satisfaction (NOS).

2.3.1 Soil

Two VOCs (acetone and benzene) were detected at concentrations above Unrestricted Use Soil Cleanup Objectives (UUSCOs), but below Restricted Residential Use Soil Cleanup Objectives (RRSCOs) in two soil samples. Three SVOCs [3-methylphenol/4-

methylphenol, benzo(k)fluoranthene, and chrysene] were detected in at least one soil sample at concentrations above UUSCOs, but below RRSCOs. Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were detected at concentrations above the respective UUSCOs and RRSCOs. The metals arsenic, copper, lead, mercury, and zinc were detected at concentrations above UUSCOs and/or RRSCOs. One pesticide, 4,4,'-DDD, was detected above its UUSCO, but below its RRSCO. PCBs were not detected above the UUSCOs or RRSCOs. Two VOCs (acetone and benzene) were detected at concentrations above respective Unrestricted Use Soil Cleanup Objectives (UUSCOs), but below respective Restricted Residential Use Soil Cleanup Objectives (RRSCOs) in two soil samples. Three SVOCs [3-methylphenol/4-methylphenol, benzo(k)fluoranthene, and chrysene] were detected in at least one soil sample at concentrations above UUSCOs, but below r RRSCOs. Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were detected at concentrations above UUSCOs and RRSCOs. The metals arsenic, copper, lead, mercury, and zinc were detected at concentrations above UUSCOs and/or RRSCOs. One pesticide, 4,4,'-DDD, was detected above its UUSCO, but below its RRSCO. PCBs were not detected above the UUSCOs or RRSCOs.

2.3.2 Groundwater

One SVOC, chrysene, was detected above its Ambient Water Quality Standard and Guidance Value (AWQSGV). Several metals (lead, magnesium, nickel, and sodium) were detected at concentrations above AWQSGVs in the unfiltered samples; however, only magnesium and sodium were detected above AWQSGVs in the filtered groundwater samples.

2.3.3 Soil Vapor

Tetrachloroethylene (PCE) was detected at concentrations up to 956 micrograms per cubic meter ($\mu g/m^3$) and trichloroethylene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and 1,1-dichloroethene (1,1-DCE) were detected at concentrations above 1,000 $\mu g/m^3$ in the soil vapor samples.

2.4 Remaining Contamination

A summary of the remaining contamination is provided in the following subsections. For additional details related to the nature and extent of contamination and the remedial cleanup, please refer to the FER.

2.4.1 Soil/Fill

Following excavation of soil/fill required to achieve a Track 4 cleanup and additional material required to install the new building foundation, 24 post-excavation endpoint samples were collected to document concentrations of contaminants remaining at the Site after achievement of the remedy. The endpoint sample analytical results identified select PAHs, a pesticide, and metals at varying concentrations above their respective UUSCOs and/or RRSCOs. Remaining contamination in soil above UUSCOs and/or RRSCOs are summarized in In-Text Table I and provided in Appendix A.

In-Text Table I
Remaining Contamination in Soil

Compound	UUSCO (mg/kg)	RRSCO (mg/kg)	Maximum Concentration (mg/kg)	Samples Exceeding UUSCO and/or RRSCO*
1,1,1-Trichloroethane	0.68	100	4.7	1
1,1-Dichloroethane	0.27	26	1.2	1
4-Methylphenol	0.33	100	0.4 J	1
Benzo(a)anthracene	1	1	10	7
Benzo(a)pyrene	1	1	7.1	5
Benzo(b)fluoranthene	1	1	8.7	8
Benzo(k)fluoranthene	0.8	3.9	3.1	3
Chrysene	1	3.9	10	7
Dibenz(a,h)anthracene	0.33	0..33	0.67	2
Indeno(1,2,3-cd)pyrene	0.5	0.5	3.6	10
P,P'-DDE	0.0033	8.9	0.0054 J	2
Arsenic	13	16	43.5	4
Copper	50	270	358	15
Lead	63	400	849	22
Mercury	0.18	0.81	8.9	28
Nickel	30	310	30.1	1
Zinc	109	10,000	908	17

J – The concentration is estimated.

* Number includes duplicate samples collected as part of QA/QC Category B sampling.

This table does not include concentrations in off-site soil.

2.4.2 Groundwater

Groundwater monitoring wells installed during previous environmental investigations were removed during construction in accordance with applicable state regulations. Groundwater was not remediated as part of the Remedial Action (RA) and post-remedial groundwater monitoring was not required by NYSDEC. Therefore, on-site groundwater monitoring wells do not currently exist. Pre-remedial groundwater concentrations at the Site are summarized in In-Text Table II and provided in Appendix A.

In-Text Table II
Remaining Contamination in Groundwater

Compound	AWQSGV (µg/L)	Maximum Concentration (µg/L)	Samples Exceeding AWQSGV
MTBE	10	48	3
Benzo(a)anthracene	0.002	0.05 J	1
Benzo(b)fluoranthene	0.002	0.18 J	1
Chrysene	0.002	0.05 J	1
Total Mercury	0.7	3.37 J	1
Total Sodium	20,000	202,000	5
Total Lead	25	954.2	1
Total Magnesium	35,000	41,200	1
Total Nickel	100	104.1	1
Dissolved Sodium	20,000	202,000	5
Dissolved Magnesium	35,000	38,700	1
J – The concentration is estimated.			

This table does not include concentrations in off-site groundwater.

2.4.3 Soil Vapor

Soil vapor is being mitigated and remediated through the ECs in place at the Site. A vapor barrier and SSDS were installed to mitigate potential soil vapor intrusion into the new Site building. An SVES was installed to remediate the contaminated vadose zone soil beneath the building and to minimize off-site migration of chlorinated VOCs in soil vapor. Post-remedial soil vapor monitoring is required under the SMP to determine the effectiveness of the ECs and is discussed in subsequent sections. Pre-remedial contamination in soil vapor are summarized in In-Text Table III and provided in Appendix A.

In-Text Table III
Remaining Contamination in Soil Vapor

Compound	Maximum Concentration (mg/m^3)
1,1,1-TCA	37,300
1,1-DCA	9,230
1,1-DCE	204
Carbon Tetrachloride	272
Cis-1,2-DCE	148
PCE	956
TCE	1,120

This table does not include concentrations in off-site vapor.

3.0 SITE INSTITUTIONAL AND ENGINEERING CONTROLS

The SMP provides a detailed description of all procedures required to manage remaining contamination at the Site after completion of the RA. The following subsections detail the ICs and ECs, their components, and the requirements of each IC and EC to protect human health and the environment from underlying residually contaminated media. The photographic log provided as Appendix B includes representative building conditions at the time of inspection.

3.1 Institutional Controls (ICs)

The following three ICs were instituted at the Site:

1. The Site may be used for restricted-residential, commercial, or industrial use defined by Part 375-1.8(g), although land use is subject to local zoning laws;
2. The use of groundwater underlying the Site is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene (NYCDOH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC; and
3. All applicable environmental or public health monitoring must be performed as defined in the SMP.

These ICs were defined in the SMP to: (1) implement, maintain, and monitor the ECs; and (2) prevent future exposure to any remaining contamination. Adherence to these ICs is required by the Environmental Easement (EE). ICs identified in the EE may not be discontinued without an amendment to, or an extinguishment of the EE.

The ICs were adhered to during the reporting period.

3.2 Engineering Controls (ECs)

The following four ECs were installed to prevent exposure to residual subsurface contamination:

1. A Site-wide composite cover system;
2. A vapor barrier membrane;
3. An SSDS; and
4. An SVES.

Adherence to these ECs is required by the EE. ECs identified in the EE may not be discontinued without an amendment to or an extinguishment of the EE.

The ECs were adhered to during the reporting period and are detailed in the following sub-sections. As-built drawings of the ECs are provided in Appendix C. An SSDS and SVES Plan is provided as Figure 2.

3.2.1 Site-Wide Composite Cover System

Exposure to remaining contamination of soil/fill at the Site is prevented by an engineered composite cover system, which comprises the following components:

- *Partial Cellar and Elevator Pit* – A 6-inch concrete layer underlain by Grace Preprufe® 300R vapor barrier/waterproofing, underlain by compacted subgrade;
- *Exterior Partial Cellar Foundation Walls* – Concrete foundation wall, followed by Grace Preprufe® 300R vapor barrier/waterproofing, followed by compacted subgrade;
- *Slab-On-Grade Building* – 6 inches of concrete underlain by Stego Wrap® 20 mil vapor barrier, underlain by 4-inch PVC SSDS and SVES piping in a minimum 6-inch

gas permeable aggregate (GPA) layer, underlain by non-woven geotextile fabric, underlain by prepared subgrade; and

- *Exterior Open-Air Dog Run* – A minimum 6-inch layer of concrete underlain by GPA, underlain by a demarcation barrier (snow fence), underlain by prepared subgrade.

The vapor barrier, geotextile fabric, and orange snow fence act as demarcation barriers, which delineate the residual management zone (RMZ) and create a visual boundary between the RMZ and the material installed above it as part of remedial construction. Any post-remedial soil disturbance, excavation, or handling of soil within the RMZ will require adherence to special conditions, as defined in the SMP.

The composite cover system is shown on Figure 3.

3.2.2 Vapor Barrier and Waterproofing Membranes

Waterproofing and vapor barrier membranes were installed beneath the Site building slabs.

A Grace Preprufe® 300R and Bituthene® 4000 vapor barrier membrane that meets or exceeds the ASTM E-1745 standard was installed as a Site EC below the cellar slab, and along subgrade cellar sidewalls, sumps, and pits. The Grace Preprufe® 300R and Bituthene® 4000 vapor barrier membranes also act as waterproofing, as the partial cellar construction extends into the water table. As such, installation of an SSDS below the partial cellar slab was infeasible.

Stego Wrap® 120R was installed under the slab-on-grade portion of the building. GCP Hydroduct 220 and Bituthene® 4000 were installed along the exterior vertical building walls to sidewalk grade.

The membranes were installed in accordance with the manufacturer's installation specifications at the locations shown on Figure 3.

3.2.3 Sub-Slab Depressurization System (SSDS)

An active SSDS was installed below the slab-on-grade portion of the Site (mostly comprising the parking garage) to mitigate the potential for soil vapor intrusion into the new Site building. The target area for the SSDS comprises the slab-on-grade portion of the Site building, which excludes a narrow exterior concrete-paved area along the northwestern portion of the Site and the partial cellar on the southwestern portion of the Site where the building foundation extends into the groundwater table. The SSDS maintains a negative pressure by inducing vacuum underneath the entire ground floor slab, allowing vapors to vent above the Site building roof without entering the building.

The major components of the SSDS include:

- Four horizontal 4-inch diameter 0.020-inch slotted and solid PVC pipe runs;
- A minimum 6-inch layer of ¾-inch GPA stone bedding beneath the ground floor slab;
- Three vacuum monitoring points (VMPs) (MP-01 through MP-03);
- A RadonAway Fan, RP-265 Pro Series suction fan; and
- A 6-inch galvanized riser pipe extending from the ground floor parking garage to an exhaust stack on the 8th floor mechanical roof.

The SSDS consists of a network of subgrade, 4-inch, Schedule 40 slotted and solid PVC piping installed within a minimum 6-inch thick layer of GPA, all of which are underlain by non-woven geotextile fabric. The subgrade piping penetrates the slab within the

ground floor SSDS/SVES equipment room and is subsequently manifolded into a solid, 6-inch, Schedule 40, chlorinated PVC (CPVC) solid riser.

The solid riser leads into a fan and then hangs horizontally along the parking garage roof, transitions to galvanized steel, and then vertically extends through the building to an exhaust stack located 10 feet above the 8th floor roof. The SSDS exhaust stack is fitted with a rain cap and complies with requirements established in the 2008 NYC Mechanical Code Section 512, "Subslab Soil Exhaust Systems".

All horizontal solid pipe segments (aboveground and belowground) were pitched a minimum of ⅛-inch vertical per one-foot horizontal run (i.e., a minimum 1% slope) towards the slotted pipe sections or to the condensation drains within the sub-slab area to minimize accumulation of condensation within piping.

MP-1 through MP-3 serve as vacuum monitoring points and, if required, as sampling ports for sub-slab vapors. The monitoring points are constructed with 1-inch diameter solid Schedule 80 PVC pipe with a threaded PVC cap and a male quick connect fitting with ¼-inch threads and a shut off valve with a Viton seal. The PVC pipe terminates approximately 3 inches below the bottom of the concrete slab within the GPA. Penetrations through the concrete slab are airtight to prevent the potential migration of sub-slab vapors into the building. Each monitoring point is finished with a 6-inch diameter, cast iron, flush-mount, water-tight cleanout cover.

As-built drawings of the SSDS are provided in Appendix C. The SSDS layout is shown on Figure 2.

3.2.4 Soil Vapor Extraction System (SVES)

An SVES was installed to remediate the vadose zone beneath the building on the eastern and northeastern portions of the Site and to help prevent the off-site migration of contaminated soil vapor. The target area for the SVES is the vadose zone, which is the unsaturated soil above the groundwater table, in an approximately 7,000-square foot area located on the eastern and northeastern portions of the Site. The SVES, in combination with the vapor barrier and SSDS, is helping to prevent potential soil vapor intrusion into the new building. The SVES maintains a negative pressure in a radius around each of the four SVE extraction wells to extract and treat contaminated vapors. The SVES is also capable of inducing vacuum beneath the entire building slab even when the SSDS is operating passively, as shown in the operations data from November 2021 to February 2022, shown in Table 2.

The major components of the SVES include:

- Four 4-inch diameter PVC SVE wells (SVE-01 through SVE-04), each constructed with 0.020-inch slotted well screen from 3.5 feet below grade to between 9 and 9.5 feet below the bottom of the concrete slab;
- Four runs of 4-inch diameter solid PVC piping connecting each individual SVE wells to a manifold in a mechanical room on the central portion of the Site;
- A 10 HP, 3-phase FPZ model (SCL-K09-MS-10-3) blower capable of operating at 55 inH_2O and 400 Standard Cubic Feet Per Minute (SCFM);
- Two granular activated carbon (GAC) vessels connected in series to extract and treat vapors; and
- A 6-inch galvanized steel riser pipe extending from the ground floor parking garage to an exhaust stack on the 8th floor roof.

The location and components of the SVES are shown on Figure 2. As-built drawings of the SVES are provided in Appendix C.

3.3 Management Requirements of ECs and ICs

The Site management requirements and work conducted for ECs and ICs are detailed in the following subsections.

3.3.1 Composite Cover System

Exposure to residual contaminated soil remaining at the Site is prevented by a composite cover system. The location and details of the composite cover system are shown on Figure 3.

During the annual site-wide inspection on March 20, 2024, the composite cover system was determined to be maintained in good condition. AKRF observed no issues during the inspection, thereby confirming that the composite cover system remained intact during this reporting period.

The composite cover system continues to remain intact 24-hours a day, 7 days a week, for 365 days a year. Monitoring of the composite cover system occurred during each inspection and sampling event, and will continue to be maintained on an annual basis as long as the Environmental Easement is in effect to ensure the system integrity.

3.3.2 SSDS

Locations of the SSDS components are shown on Figure 2.

Monitoring

Confirmation of SSDS operation is required by two different levels of inspections identified as "routine" or "detailed". An AKRF representative, under the direction of the Remedial Engineer, conducted routine and detailed system checks monthly during the reporting period. The checks consisted of: confirming that the suction fan was operational and discharging air through the roof-mounted stack; alarm checks; field screening the individual lines and combined effluent lines for VOCs using a PID; collecting vacuum readings at the three VMPs; noting any unusual conditions (e.g., odors, spills, leaks, blower noise, etc.); confirming the gauges were clean and within normal operating ranges; and confirming that the fan was operating and air was discharging through the exhaust piping on the roof. SSDS components monitored during the reporting period are summarized in In-Text Table IV.

In-Text Table IV
SSDS Monitoring Parameters

Inspection Schedule	Monitoring Parameter	Operating Range
Quarterly	Flow Rate SSDS-A and SSDS-B	25 to 50 SCFM
	Flow Rate SSDS-C and SSDS-D	15 to 30 SCFM
	Applied Vacuum Reading (suction fan)	1 to 4 inH_2O
	Applied Vacuum Reading (individual manifold legs)	1 to 4 inH_2O
	Induced Vacuum (vacuum monitoring points)	a minimum of 0.004 inH_2O

Parameters were within the operating ranges throughout the reporting period.

AKRF continued to monitor induced vacuum throughout the reporting period at the VMPs to ensure that the SSDS continued to maintain adequate vacuum beneath the ground floor slab. As shown in Attached Table 2, the SSDS continued to induce sufficient sub-slab vacuum throughout the reporting period.

3.3.3 SVES

Monitoring

Confirmation of SVES operation is required by two different levels of inspections identified as "routine" or "detailed". An AKRF representative, under the direction of the Remedial Engineer, conducted routine and detailed system checks monthly during the reporting period. The checks consisted of: confirming that the blower was operational and discharging air through the roof-mounted stack; alarm checks; field-screening the individual lines and combined effluent lines for VOCs using a PID; collecting vacuum readings at the three VMPs; noting any unusual conditions (e.g., odors, spills, leaks, blower noise, etc.); confirming that the gauges were clean and within normal operating ranges; and confirming that the blower was operating and air was discharging through the exhaust piping on the roof.

SVES components monitored during the reporting period are summarized in In-Text Table V.

In-Text Table V
SVES Monitoring Parameters

Inspection Schedule	Monitoring Parameter	Operating Range
Monthly	Flow Rate SVES-02 and SVES-03	80 to 160 SCFM
	Flow Rate SVES-01 and SVES-04	15 to 80 SCFM
	Post Blower Pressure (before & after GAC units)	1 to 10 inH_2O
	Vacuum (at blower – before and after particulate filter)	10 to 25 inH_2O
	Vacuum (individual manifold legs)	2 to 20 inH_2O
	Post-GAC PID	< Pre-GAC

Parameters were within the operating ranges throughout the reporting period.

Sampling

In accordance with the SMP, annual combined influent, intermediate, and effluent sampling of the SVES was conducted once during the reporting period on December 18, 2023. Analytical results are provided in Attached Table 1 and discussed in Section 4.

3.3.4 Site-Wide IC/EC Inspections

Site-wide inspections are required on a regular schedule at a minimum of once a year in perpetuity. No severe weather conditions with the potential to affect the ECs were identified during the reporting period; therefore, one Site-wide inspection was completed

on March 20, 2024. The Site-Wide Inspection Form is included in Attachment D, which indicates compliance with IC/ECs.

3.4 Reporting

All monitoring and sampling activities were recorded in a Site-specific field book and on the logs provided in the appendices of this report. A sampling log was prepared for the December 18, 2023 annual SVES sampling and is provided in Appendix E. The validated data was submitted to the NYSDEC Environmental Quality Information System (EQuIS)™ on January 3, 2024 and became available for use within the system on January 18, 2024. Quarterly reports were prepared and submitted to NYSDEC on a routine basis.

4.0 REMEDY PERFORMANCE EVALUATION AND MAINTENANCE

The SMP describes the measures for evaluating the performance and effectiveness of the ICs/ECs. The Site-wide, composite cover system, SSDS, and SVES inspections were conducted in accordance with the SMP. The Site management monitoring inspections completed during this reporting period are summarized in the following sections.

4.1 Site-Wide Inspection

The Site-wide inspection was conducted on March 20, 2024 to ensure that all aspects of the remedy were in-place and effective. Based on the inspection results, all ICs and ECs remain in compliance with the SMP and remain effective and protective of human health and the environment.

The Site-Wide Inspection Log is included in Appendix D.

4.2 Composite Cover System Inspection and Maintenance

The composite cover system inspection was conducted concurrently with the Site-wide inspection on March 20, 2024. The composite cover system inspection consisted of checking all surficial components of the Site cover system for holes, cracking, and/or other signs of damage. During the inspection, all observed Site cover system components were found to be intact, with no signs of significant cracking or damage. No corrective actions were recommended.

The Photographic Log and the Composite Cover System Inspection Log are provided in Appendices B and D, respectively.

4.3 SSDS Operation, Maintenance, Inspection, and Sampling

The SSDS remained in operation during the reporting period except for the system shutdowns noted in Appendix E. The manual shutdowns occurred monthly for routine maintenance that lasted for a few minutes. Following any maintenance activities, the SSDS was subsequently turned on and confirmed to maintain vacuum beneath the entire ground floor building slab by taking vacuum readings at each of the VMPs. Although all readings collected during the reporting period were within acceptable operating ranges, as noted on the logs presented in Appendix E, system rebalancing was attempted on January 22, 2024. Rebalancing was attempted based on consistently relatively high air flow rates in SSDS-A and SSDS-B, and low air flow rates in SSDS-C and SSDS-D. Consistent with previous attempts to rebalance the system since startup, the air flow rates were unable to be balanced more effectively, likely a result of subsurface lithology, structures, and preferential pathways.

4.4 Soil Vapor Extraction System (SVES) Operation, Maintenance, Inspection, and Sampling

The SVES remained in operation throughout the reporting period except for the system shutdowns noted in Appendix E. These shutdowns consisted of manual shutdowns during routine monthly inspections to test the system alarm and remote communication response and during air filter replacement on January 22, 2024. The system was restarted immediately after these maintenance events were completed. Although all readings collected during the reporting period were within acceptable operating ranges, as noted on the logs presented in Appendix E, system rebalancing was attempted. On January 22, 2024, based on the relatively high air flow rates and low vacuum in SVES-02 and SVES-03, and low air flow rates and higher vacuum and air flow rates in SVES-01 and SVES-04, rebalancing was attempted to rebalance the system. Consistent with previous attempts to rebalance the system since startup, the air flow rates were unable to be balanced more effectively, likely a result of subsurface lithology, structures, and preferential pathways.

Detailed inspection events included all operations-based maintenance items, such as the integrity of the aboveground piping runs and other system components. Detailed inspection events occurred on a quarterly basis. Typical detailed maintenance items addressed during detailed inspections included assessment of the following: blower performance and integrity; inlet particulate filter on the blower to

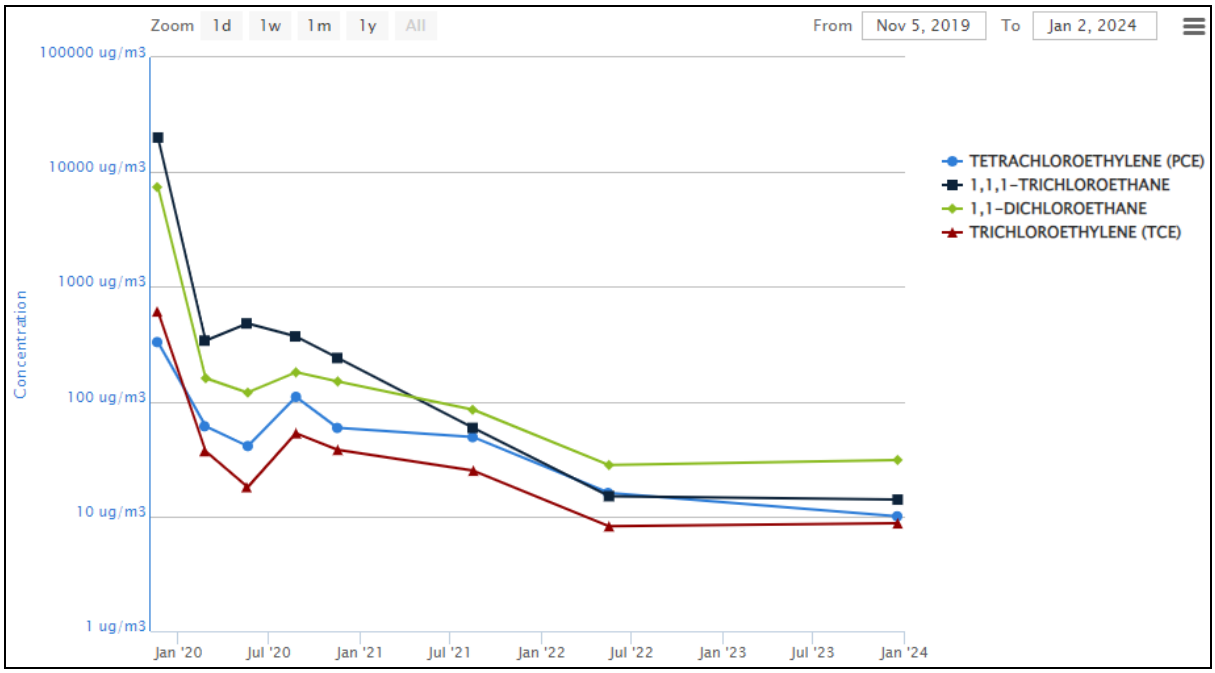
determine the need for replacement; and the structural integrity of concrete floor slabs overlying the SVES piping runs throughout the ground floor of the Site building.

No issues were noted during the inspections conducted during the reporting period. Attached Table 2 includes induced vacuum readings at the VMPs.

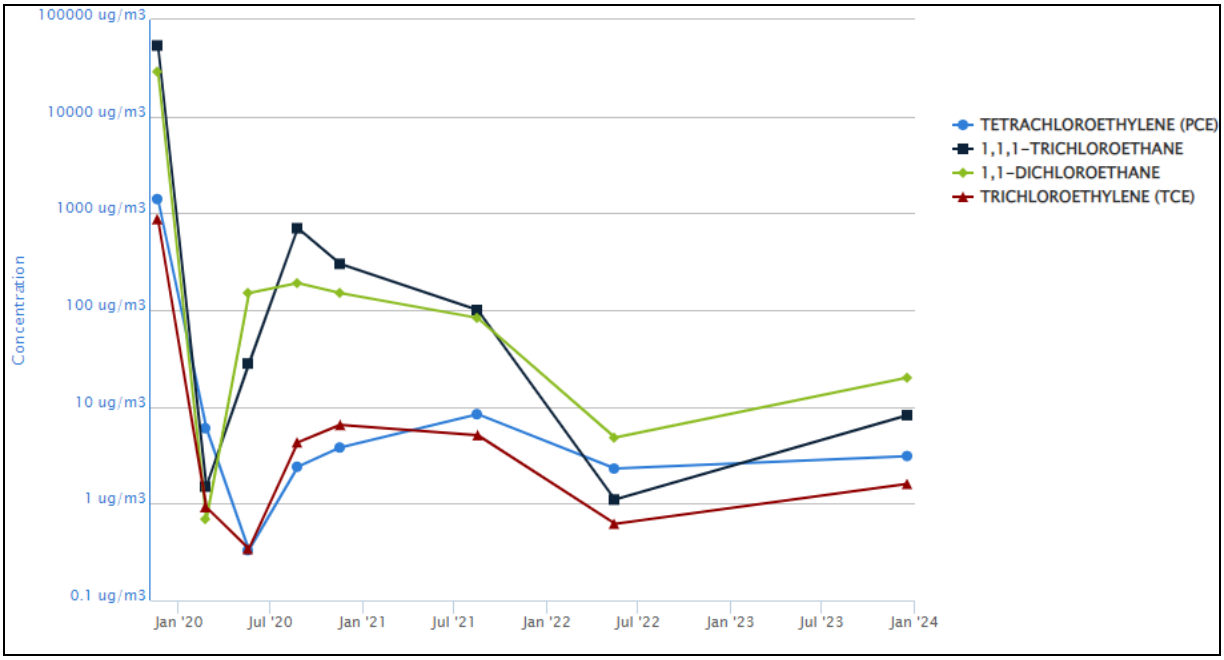
Vapor Sampling and VOC Mass Removal

Vapor sampling was conducted during the reporting period on December 18, 2023 and included the collection of combined influent (SVES-INF), intermediate (SVES-INT), and effluent (SVES-EFF) samples. Samples were collected in laboratory-supplied Tedlar® bags and submitted to Eurofins of Burlington, Vermont, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory, for analysis for VOCs by EPA Method TO-15 with Category B deliverables. Vapors were also collected in Tedlar® bags and field-screened with a PID.

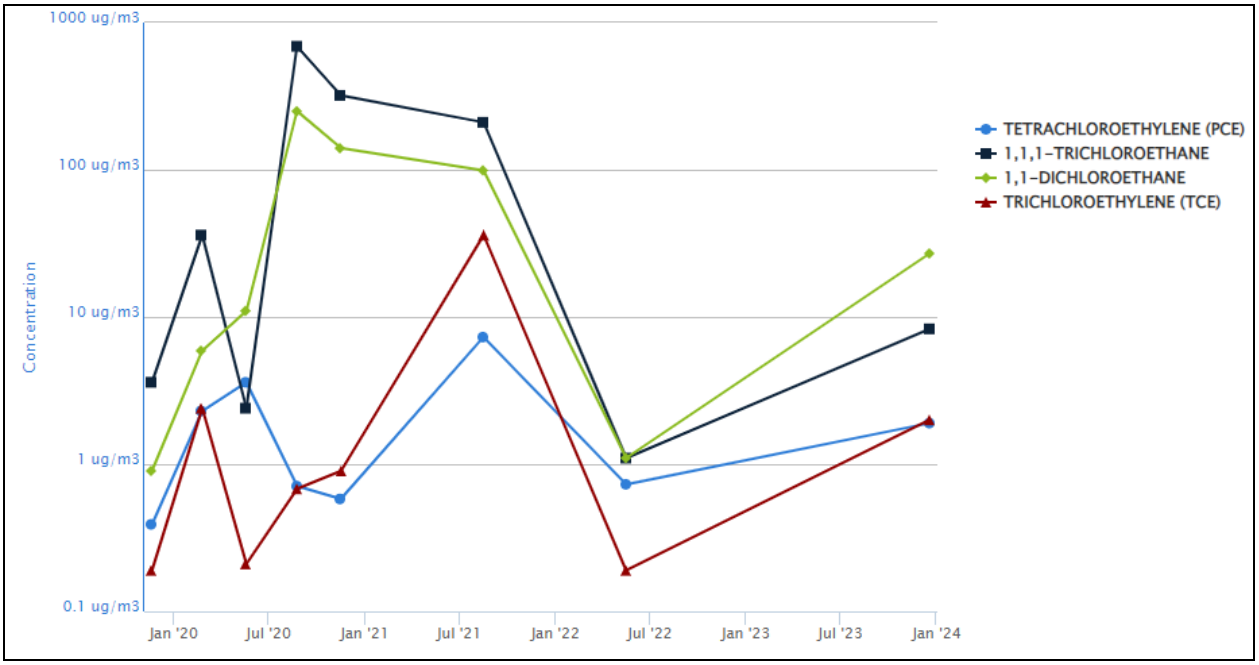
Analytical results for sampling to date are summarized in Attached Table 1. Full laboratory results are provided in Appendix F. In-Text Figures 1, 2, and 3 show concentrations of contaminants of concern over time in the combined influent, intermediate, and effluent vapor samples, respectively, from startup through December 2023.



In-Text Figure 1 - Time Series Chart of Contaminants of Concern in Influent Vapor: Startup Through December 2023



In-Text Figure 2 - Time Series Chart of Contaminants of Concern in Intermediate Vapor: Startup Through December 2023



In-Text Figure 3 - Time Series Chart of Contaminants of Concern in Effluent Vapor: Startup Through December 2023

As shown, influent concentrations of contaminants were greatly reduced in the months immediately following system startup and that removal rates are approaching asymptotic levels. The influent and effluent concentrations of contaminants of concern shown on In-Text Figures 1 and 3, respectively, qualitatively assess the data from a discharge assessment perspective and show that the GAC vessels are removing the VOCs effectively.

Table 3, which presents pounds of VOCs captured by the GAC vessels, and Figure 4, which displays the same information graphically, show the cumulative VOC mass removal estimates from startup through April 2024. Based on removal calculations using laboratory results of the total influent vapor sampling and flow calculations from the SVES sampling events, approximately 33 pounds of VOCs are estimated to have been captured by the GAC vessels during the reporting period and approximately 1,354 pounds are estimated to have been captured by the GAC vessels since SVES startup.

Significant reductions in the mass recovery have been observed since SVES start up and appear to be approaching asymptotic levels, as shown in In-Text Table VI, Attached Table 3, and Figure 4.

In-Text Table VI
VOC Removal By Reporting Period

Reporting Period	Starting VOC Removal (lbs)	Ending VOC Removal (lbs)	Estimated Pounds of VOCs Captured
December 26, 2019 to April 26, 2021	0	1,199	1,199
April 26, 2021 to April 26, 2022	1,199	1,281	82
April 26, 2022 to April 26, 2023	1,281	1,317	35
April 26, 2023 to April 26, 2024	1,317	1,354	33

4.5 SVES Division of Air Resources (DAR)-1 Analysis

Effluent SVES VOC concentrations were compared to the NYSDEC DAR publication Air Guide-1 (AG-1): Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables. The analysis was performed using NYSDEC DAR Policy (Policy DAR-1: Guidelines for the Control of Toxic Ambient Air Contaminants, November 12, 1997), which simulates the atmospheric processes that disperse pollutants from an emissions source to predict concentrations at selected downwind receptor locations. The procedures in the DAR-1 policy are used to model conservative, worst case annual and short-term concentrations based on the laboratory analytical results and exhaust stack parameters to compare against the AGCs and SGCs.

To complete the DAR analysis, Site-specific input parameters were entered into the air dispersion model, including the nearest receptors to the stacks located approximately 10 feet above the 8th floor building roof and approximately 50 feet from the southern Site boundary. The nearest sensitive receptors included passersby on the sidewalk and a residential building, both of which were approximately 140 feet away from the discharge stack.

The comparison to AGCs and SGCs consists of a screening level air dispersion modeling analysis performed on the vapor sampling results to determine conservatively whether detected compounds would exceed the AGCs and SGCs at nearby sensitive receptors (nearest eight-story building south of the effluent stacks), while accounting for atmospheric dispersion.

SVES Effluent Analysis Results (December 2023)

The following VOCs were detected in the SVES effluent vapor sample: 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,2-dichloropropane, 1,3,5-trimethylbenzene (mesitylene), 2,2,4-trimethylpentane, 4-ethyltoluene, acetone, benzene, butane, carbon tetrachloride, chlorobenzene, chlorodifluoromethane, chloroform, cis-1,2-dichloroethylene, cyclohexane, dichlorodifluoromethane, ethylbenzene, isopropanol, isopropylbenzene (cumene), m,p-

xylenes, methyl isobutyl ketone (4-methyl-2-pentanone), methyl methacrylate, methylene chloride, n-heptane, n-hexane, n-propylbenzene, o-xylene (1,2-Dimethylbenzene), styrene, tetrachloroethylene (PCE), toluene, trans-1,2-dichloroethene, dichloroethylene (TCE), and trichlorofluoromethane. However, the modeled compound concentrations were all below their respective SGCs and AGCs.

Combined SSDS and SVES Effluent Analysis Results (December 2019 and December 2023)

The DAR-1 analysis also included modeling for the combined effluent concentrations from both stacks using the combined SSDS effluent sample collected after system startup in December 2019 (the most recent SSDS effluent sampling results) and the December 2023 SVES effluent sample. Based on the modeling, which is most likely skewed high due to the SSDS effluent sampling results collected after system startup, the combined impact of VOCs from both stacks does not result in exceedances of their respective SGCs or AGCs at the closest sensitive receptors.

SVES Influent Analysis Results (December 2023)

The influent SVES results were the lowest in the most recent sampling event in December 2023 in comparison to all previous sampling events. The SVES influent data from December 2023 was modeled to determine whether there were any exceedances of the SGCs or AGCs if the system was operated without GAC treatment. The modeled results were below the SGCs and AGCs.

The vapor modeling analyses are provided in Appendix F.

4.6 Investigation-Derived Waste (IDW)

During the reporting period, approximately 103 gallons of condensate were generated from the SSDS and containerized in 55-gallon labeled and sealed drums and staged in the locked systems equipment room. No evidence of contamination (elevated PID readings, odors, sheen, etc.) were observed in the condensate.

The containerized condensate generated through February 26, 2024 was transported off-site for disposal at Clean Water Of New York, Inc. located at 3249 Richmond Terrace in State Island, NY on February 26, 2024. The waste disposal manifest is provided in Appendix G. Condensate generated during the reporting period between February 27, 2024 and April 26, 2024 was containerized, labeled, and secured in the locked equipment room for future off-site disposal.

4.7 Health and Safety Monitoring

The Health and Safety Plan (HASP), a component of the SMP, includes requirements for personnel training, protocols for work zone air monitoring and community air monitoring, designated personal protection equipment, and decontamination procedures. The HASP also includes a Community Air Monitoring Plan (CAMP), which establishes protocols for VOC and particulate air monitoring to be conducted at the Site perimeter if work zone perimeter concentrations approach the applicable community action levels. The HASP and CAMP were complied with for all work detailed herein.

5.0 SITE MANAGEMENT SCHEDULE

5.1 Monitoring and Inspections

Monitoring and inspections will continue to be performed in accordance with the SMP to evaluate performance and effectiveness of the remedy at the Site. The monitoring and inspection events will be completed in accordance with the updated SMP, which will be submitted for review and approval by NYSDEC and NYSDOH under separate cover.

5.2 Modification to SMP

Modifications to the existing SMP that reflect the installation of a condensate trap and drain, a new SSDS suction fan, and details regarding the composite cover system removal and re-installation, were submitted to NYSDEC and NYSDOH for review and approval under separate cover in June 2021. The work was completed in 2020 and 2021. Approval of the modified SMP by NYSDEC is pending. The modified SMP will continue to include provisions for evaluation and confirmation of ICs and ECs required at the Site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The purpose of this PRR is to document the Site management activities and findings associated with the ICs and ECs, and to certify that the controls are being implemented in accordance with the SMP for periodic review reporting period from April 26, 2023 to April 26, 2024. The IC/EC Certification Form is provided in Appendix H.

6.1 Conclusions

Based on the inspections and data summarized in this report, the following conclusions were developed:

- The IC/EC Certification Form for the Site was completed based on results from Site monitoring and inspections described in this report. The monitoring and inspection findings indicate that all ICs/ECs at the Site remain in place and effective.
- The ECs at the Site are in good condition and the SSDS and SVES are operational and performing as designed. While the SVES continues to remove VOC contaminant mass from the subsurface, asymptotic removal rates were apparent when comparing vapor data from sampling events from startup through December 2023, and VOC mass removal estimates from startup through April 2024.

In summary, the remedy remains effective and protective of human health and the environment and remains in compliance with the requirements set forth in the SMP. Inspections and maintenance, as required, will continue to be performed in accordance with the SMP.

6.2 Recommendations

Significant reductions in the mass recovery have been observed since SVES start up and appear to be approaching asymptotic levels and the DAR-1 Analysis identified compliance with AGC and SGCs in influent (untreated) vapors. Therefore, AKRF, on behalf of the Volunteer, requests NYSDEC and NYSDOH concurrence to modify the SMP to remove the requirement for SVES vapor treatment using the GAC vessels.

AKRF is requesting that NYSDEC review and consider this request to remove both SVES GAC vessels and discharge the SVES effluent vapors directly to the atmosphere without treatment based on the findings identified in this report and summarized as follows:

- Concentrations of contaminants of concern (PCE, 1,1,1-TCA, 1,1-DCA, and TCE) in the SVES influent samples continue to exhibit downward trends or consistently asymptotic at low concentrations.
- The DAR-1 analyses for influent (pre-GAC) and effluent (post-GAC) concentrations were completed using the most recent sampling data (December 2023), and effluent concentrations for the SSDS using the most recent sampling data (December 2019). Despite the SSDS results being biased high because of using sampling data collected post-startup, exceedances of the AGCs and SGCs were not detected.
- Mass removal calculations show that the total contaminant mass removed by the SVES GAC vessels has decreased significantly since system startup to approximately 35 pounds per year.

Additionally, based on the consistent values obtained during each monthly inspection and AKRF's ability to monitor the systems remotely via telemetry, AKRF is requesting to reduce the SVES inspections from monthly to quarterly.

The Institutional and Engineering Controls maintained at the Site continue to ensure protection of public health and the environment from residual contamination present at the Site. The proposed changes to the SVES would not impact the ability of the Site remedy to provide said protection.

TABLES

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-01-01_20191120	SVES-01-02_20200224	SVES-01-03_20200519	SVES-01-04_20200824	SVES-01-04_20200824	SVES-01-05_20201116	SVES-01-06_20210816	SVES-02-01_20191120
Lab Sample ID	200-51596-1	200-52756-1	200-53716-1	200-54867-1	200-54867-1	200-56074-4	200-59706-4	200-51596-2
Date Sampled	11/20/2019 2:00:00 PM	2/24/2020 1:45:00 PM	5/19/2020 9:45:00 AM	8/24/2020 10:05:00 AM	8/24/2020 10:05:00 AM	11/16/2020 10:40:00 AM	8/16/2021 12:10:00 PM	11/20/2019 2:15:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	150	1	1	1	2	1	1	35
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	14000	10	36	33	NR	17	17	2800
1,1,2,2-Tetrachloroethane	210 U	1.4 U	1.4 U	1.4 U	NR	1.4 U	1.4 U	48 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	230 U	0.49 J	0.46 J	1.5 U	NR	1.5 U	0.42 J	54 U
1,1,2-Trichloroethane	160 U	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	38 U
1,1-Dichloroethane	3400	10	59	68	NR	72	40	350
1,1-Dichloroethene	45	0.57	1.7	1.6	NR	1.7	1.2	4.9 U
1,2,4-Trichlorobenzene	560 U	3.7 UJ	3.7 U	3.7 U	NR	3.7 U	3.7 U	130 U
1,2,4-Trimethylbenzene	150 U	0.39 J	1.2	1.8	NR	0.44 J	1.1	34 U
1,2-Dibromoethane (Ethylene Dibromide)	230 U	1.5 U	1.5 U	1.5 U	NR	1.5 U	1.5 U	54 U
1,2-Dichlorobenzene	180 U	1.2 U	1.2 U	1.2 U	NR	1.2 U	1.2 U	42 U
1,2-Dichloroethane	120 U	0.81 U	0.81 U	0.81 U	NR	0.81 U	0.81 U	28 U
1,2-Dichloropropane	140 U	0.92 U	0.92 U	0.29 J	NR	0.92 U	0.92 U	32 U
1,2-Dichlorotetrafluoroethane	210 U	1.4 U	1.4 U	1.4 U	NR	2.3	1.4 U	49 U
1,3,5-Trimethylbenzene (Mesitylene)	150 U	0.98 U	0.31 J	0.55 J	NR	0.37 J	0.34 J	34 U
1,3-Butadiene	66 U	0.44 U	0.44 U	0.44 U	NR	0.44 U	0.44 U	15 U
1,3-Dichlorobenzene	180 U	1.2 U	1.2 U	1.2 U	NR	1.2 U	1.2 U	42 U
1,4-Dichlorobenzene	180 U	1.2 UJ	1.2 U	1.2 U	NR	1.2 U	1.2 U	42 U
2,2,4-Trimethylpentane	40 J	0.8 J	1.8	0.73 J	NR	0.95	2.3	210
2-Chlorotoluene	160 U	1 U	1 U	1 U	NR	1 U	1 U	36 U
2-Hexanone	310 U	2 U	0.34 J	2 U	NR	4.2	2 U	72 U
4-Ethyltoluene	150 U	0.98 U	0.31 J	0.47 J	NR	0.98 U	0.33 J	34 U
Acetone	920 J	22	38	43	NR	28	29	500
Allyl Chloride (3-Chloropropene)	230 U	1.6 U	1.6 U	1.6 U	NR	1.6 U	1.6 U	55 U
Benzene	96 U	1.7	1.8	0.86	NR	2.3	2	22 U
Benzyl Chloride	160 U	1 UJ	1 U	1 U	NR	1 U	1 U	36 U
Bromodichloromethane	200 U	1.3 U	1.3 U	1.3 U	NR	1.3 U	1.3 U	47 U
Bromoform	310 U	2.1 U	2.1 UJ	2.1 U	NR	2.1 U	2.1 U	72 U
Bromomethane	120 U	0.78 U	0.78 U	0.78 U	NR	0.78 U	0.78 U	27 U
Butane	58 J	6.9	3.6	4.2	NR	1.8	1.3	42
Carbon Disulfide	150 J	1.6 U	0.51 J	1.7	NR	0.57 J	0.99 J	54 U
Carbon Tetrachloride	33 UJ	0.36	0.38	0.32	NR	0.34	0.32	7.7 UJ
Chlorobenzene	140 U	0.92 U	0.76 J	0.56 J	NR	0.77 J	0.42 J	32 U
Chlorodifluoromethane	270 U	1.8 U	0.87 J	1.4 J	NR	1.8 UJ	1.1 J	62 U
Chloroethane	130 J	0.42 J	1.8	1.3	NR	1.5	0.76 J	46 U
Chloroform	150 U	0.98 U	1.1	4.3	NR	1.5	2.2	34 U
Chloromethane	150 U	1.1	0.27 J	1 U	NR	1 UJ	0.3 J	36 U
Cis-1,2-Dichloroethylene	30 U	0.59	2.2	3.5	NR	1.9	2	7 U
Cis-1,3-Dichloropropene	140 U	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	32 U
Cyclohexane	100 U	1.9	13	0.47 J	NR	0.67 J	0.77	15 J
Cymene	160 U	1.1 U	1.1	0.64 J	NR	0.4 J	1.7	38 U
Dibromochloromethane	260 U	1.7 U	1.7 U	1.7 U	NR	1.7 U	1.7 U	60 U
Dichlorodifluoromethane	370 U	2.5	1.7 J	1.9 J	NR	2.4 J	1.9 J	87 U
Ethylbenzene	130 U	0.64 J	1.6	2.8	NR	1.2	1.7	30 U
Hexachlorobutadiene	320 U	2.1 U	2.1 UJ	2.1 U	NR	2.1 U	2.1 U	75 U
Isopropanol	1300 J	4.9 J	90	NR	100 D	44	14	590
Isopropylbenzene (Cumene)	150 U	0.98 U	0.98 U	0.34 J	NR	0.29 J	0.29 J	34 U
M,P-Xylenes	330 U	2.2 U	5	9.8	NR	4.9	7.7	76 U
Methyl Ethyl Ketone (2-Butanone)	69 J	1.5 U	3.3	2.1	NR	0.95 J	11	140
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	310 U	2 U	2.6	0.43 J	NR	0.18 J	2 U	72 U
Methyl Methacrylate	190 J	0.47 J	1.1 J	0.85 J	NR	0.69 J	0.94 J	22 J
Methylene Chloride	260 U	8.7	1.7	2	NR	3.2	1.7 U	61 U
Naphthalene	390 U	2.6 U	2.6 U	1.2 J	NR	2.6 U	2.6 U	39 J
N-Butylbenzene	160 U	1.1 U	1.1 U	0.31 J	NR	1.1 U	1.1 U	38 U
N-Heptane	65 J	0.92	2	0.82 U	NR	0.61 J	1.3	14 J
N-Hexane	110 U	3.4	1.3	1.1	NR	2.5	1.4 J	25 U
N-Propylbenzene	150 U	0.98 U	0.25 J	0.32 J	NR	0.98 U	0.28 J	34 U
O-Xylene (1,2-Dimethylbenzene)	130 U	0.74 J	2.4	3.8	NR	2.6	4.1	30 U
Sec-Butylbenzene	160 U	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	38 U
Styrene	130 U	0.85 U	1.5	1.2	NR	0.62 J	0.86	30 U
T-Butylbenzene	160 U	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	38 U
Tert-Butyl Alcohol	89 J	0.78 J	2.6 J	2.7 J	NR	1.2 J	15 U	29 J
Tert-Butyl Methyl Ether	110 U	0.72 U	0.72 U	0.72 U	NR	0.72 U	0.72 U	25 U
Tetrachloroethylene (PCE)	200 U	0.37 J	2.1	54	NR	8.9	35	18 J
Tetrahydrofuran	98 J	0.79 J	3.1 J	3.1 J	NR	1.9 J	15 U	250 J
Toluene	110 U	9.3	12	6.3	NR	3.5	13	21 J
Trans-1,2-Dichloroethene	120 U	0.38 J	1.6	1.1	NR	0.71 J	0.69 J	28 U
Trans-1,3-Dichloropropene	140 U	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	32 U
Trichloroethylene (TCE)	28 U	0.43	3.1	11	NR	4.4	7.7	13
Trichlorofluoromethane	170 U	1.1	1.1	1.5	NR	1.4	1.4	39 U
Vinyl Bromide	130 U	0.87 U	0.87 U	0.87 U	NR	0.87 U	0.87 U	31 U
Vinyl Chloride	30 U	0.2 U	0.29	0.2 U	NR	0.2 U	0.096 J	7 U
Total VOCs	20,554	92.64	306.85	276.54	100	224.86	208.906	5053

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-02-02_20200224	SVES-02-03_20200519	SVES-02-04_20200824	SVES-02-04_20200824	SVES-02-05_20201116	SVES-02-06_20210816	SVES-03-01_20191120	SVES-03-02_20200224
Lab Sample ID	200-52756-2	200-53716-2	200-54867-2	200-54867-2	200-56074-5	200-59706-5	200-51596-3	200-52756-3
Date Sampled	2/24/2020 2:00:00 PM	5/19/2020 10:00:00 AM	8/24/2020 10:20:00 AM	8/24/2020 10:20:00 AM	11/16/2020 10:55:00 AM	8/16/2021 12:25:00 PM	11/20/2019 2:40:00 PM	2/24/2020 2:15:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	1	1	2	1	1	55	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	13	2.5	2.4	NR	4.4	1.6	3600	9.8
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	1.4 U	76 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	0.42 J	1.5 U	NR	0.47 J	1.5 U	84 U	0.49 J
1,1,2-Trichloroethane	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	60 U	1.1 U
1,1-Dichloroethane	9	2	6.7	NR	2.7	1.6	430	5.8
1,1-Dichloroethene	0.68	0.14 U	0.16	NR	0.14 U	0.14 U	7.6 U	0.16
1,2,4-Trichlorobenzene	3.7 UJ	3.7 U	3.7 U	NR	3.7 U	3.7 U	200 U	3.7 UJ
1,2,4-Trimethylbenzene	0.54 J	1.1	1.2	NR	0.82 J	1.5	54 U	0.67 J
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	1.5 U	NR	1.5 U	1.5 U	85 U	1.5 U
1,2-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	1.2 U	1.2 U	66 U	1.2 U
1,2-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U	0.81 U	45 U	0.81 U
1,2-Dichloropropane	1.7	0.92 U	0.92 U	NR	0.92 U	0.92 U	51 U	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	1.4 U	77 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	0.22 J	0.3 J	0.33 J	NR	0.24 J	0.41 J	54 U	0.24 J
1,3-Butadiene	0.44 U	0.44 U	0.44 U	NR	0.44 U	0.44 U	24 U	0.44 U
1,3-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	1.2 U	1.2 U	66 U	1.2 U
1,4-Dichlorobenzene	1.2 UJ	1.2 U	1.2 U	NR	1.2 U	1.2 U	66 U	1.2 UJ
2,2,4-Trimethylpentane	4.8	28	3.1	NR	0.7 J	3.3	110	8.4
2-Chlorotoluene	1 U	1 U	1 U	NR	1 U	1 U	57 U	1 U
2-Hexanone	2 U	2 U	2 U	NR	2 U	2 U	110 U	2 U
4-Ethyltoluene	0.98 U	0.31 J	0.34 J	NR	0.24 J	0.47 J	54 U	0.98 U
Acetone	39	34	46	NR	32	61	360 J	25
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	1.6 U	NR	1.6 U	1.6 U	86 U	1.6 U
Benzene	3.5	0.99	1	NR	1.8	2.7	35 U	2.5
Benzyl Chloride	1 UJ	1 U	1 U	NR	1 U	1 U	57 U	1 UJ
Bromodichloromethane	1.3 U	1.3 U	1.3 U	NR	1.3 U	0.29 J	74 U	1.6
Bromoform	2.1 U	2.1 UJ	2.1 U	NR	2.1 U	2.1 U	110 U	2.1 U
Bromomethane	0.78 U	0.78 U	0.78 U	NR	0.78 U	0.78 U	43 U	0.78 U
Butane	18	5.5	3.6	NR	1.2	1.3	46 J	17
Carbon Disulfide	0.23 J	0.34 J	0.95 J	NR	0.43 J	1 J	86 U	0.34 J
Carbon Tetrachloride	0.38	0.39	0.2 J	NR	0.35	0.54	12 UJ	0.38
Chlorobenzene	0.92 U	0.35 J	0.83 J	NR	0.73 J	0.65 J	51 U	0.57 J
Chlorodifluoromethane	1.3 J	0.89 J	1.8 U	NR	1.8 UJ	2.2	97 U	1.8 U
Chloroethane	0.33 J	1.3 U	1.3 U	NR	1.3 U	1.3 U	73 U	1.3 U
Chloroform	0.27 J	2.8	6.4	NR	2.5	7.6	54 U	1.4
Chloromethane	1.1	1 U	1 U	NR	1 UJ	1 U	57 U	1 U
Cis-1,2-Dichloroethylene	0.91	0.24	4.6	NR	0.43	0.2 U	11 U	0.45
Cis-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	50 U	0.91 U
Cyclohexane	6.3	38	1	NR	0.65 J	0.66 J	17 J	13
Cymene	1.1 U	0.96 JL	0.73 J	NR	0.83 J	2	60 U	0.44 J
Dibromochloromethane	1.7 U	1.7 U	1.7 U	NR	1.7 U	1.7 U	94 U	1.7 U
Dichlorodifluoromethane	2.1 J	1.6 J	2 J	NR	2.3 J	2.2 J	140 U	1.9 J
Ethylbenzene	1.1	1.2	3.3	NR	1.4	2.3	48 U	1.3
Hexachlorobutadiene	2.1 U	2.1 UJ	2.1 U	NR	2.1 U	2.1 U	120 U	2.1 U
Isopropanol	9.3 J	78	NR	120 D	68	21	370 J	5 J
Isopropylbenzene (Cumene)	0.28 J	0.98 U	0.34 J	NR	0.25 J	0.98 U	54 U	0.48 J
M,P-Xylenes	3.9	4	12	NR	5.9	10	120 U	3.7
Methyl Ethyl Ketone (2-Butanone)	3.7	1.7	1.8	NR	0.95 J	12	150	2.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	1.6 J	0.46 J	NR	0.21 J	2 U	110 U	2 U
Methyl Methacrylate	1.2 J	2 U	1.2 J	NR	0.74 J	1.2 J	110 U	1.9 J
Methylene Chloride	10	0.97 J	1.9	NR	2	3.1	96 U	5.8
Naphthalene	2.6 U	2.6 U	2.6 U	NR	2.6 U	2.6 U	140 U	2.6 U
N-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	60 U	1.1 U
N-Heptane	2.3	6.4	0.82 U	NR	0.78 J	2	45 U	2.1
N-Hexane	6.1	5.2	1.3	NR	1.4	1.6 J	39 U	6.7
N-Propylbenzene	0.98 U	0.25 J	0.23 J	NR	0.2 J	0.24 J	54 U	0.98 U
O-Xylene (1,2-Dimethylbenzene)	1.4	1.7	4.8	NR	2.7	5.6	48 U	1.4
Sec-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	60 U	1.1 U
Styrene	0.85 U	0.94	1.6	NR	0.78 J	0.94	47 U	1.2
T-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	1.1 U	60 U	1.1 U
Tert-Butyl Alcohol	1.5 J	1.5 J	4 J	NR	1.2 J	20	20 J	1.7 J
Tert-Butyl Methyl Ether	0.72 U	0.72 U	0.31 J	NR	0.72 U	0.72 U	40 U	0.29 J
Tetrachloroethylene (PCE)	0.82 J	7.4	44	NR	7.9	32	25 J	2.2
Tetrahydrofuran	1.6 J	1.7 J	1.9 J	NR	1.7 J	15 U	290 J	2.7 J
Toluene	21	10	8.2	NR	4.6	11	41 U	9.3
Trans-1,2-Dichloroethene	0.76 J	0.58 J	0.28 J	NR	0.24 J	0.79 U	44 U	0.49 J
Trans-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	0.91 U	50 U	0.91 U
Trichloroethylene (TCE)	0.75	1.9	4.9	NR	1.7	4.5	11	1.2
Trichlorofluoromethane	1.1	1.1	1.2	NR	1.2	1.5	62 U	1.1
Vinyl Bromide	0.87 U	0.87 U	0.87 U	NR	0.87 U	0.87 U	48 U	0.87 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	NR	0.2 U	0.2 U	11 U	0.2 U
Total VOCs	170.17	246.83	175.26	120	156.64	220	5429	140.8

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-03-03_20200519	SVES-03-03_20200519	SVES-03-04_20200824	SVES-03-05_20201116	SVES-03-06_20210816	SVES-04-01_20191120	SVES-04-02_20200224	SVES-04-02_20200224
Lab Sample ID	200-53716-3	200-53716-3	200-54867-3	200-56074-6	200-59706-6	200-51596-4	200-52756-4	200-52756-4
Date Sampled	5/19/2020 10:15:00 AM	5/19/2020 10:15:00 AM	8/24/2020 10:40:00 AM	11/16/2020 11:08:00 AM	8/16/2021 12:40:00 PM	11/20/2019 2:55:00 PM	2/24/2020 2:30:00 PM	2/24/2020 2:30:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	4	1	1	1	1000	10	40
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	12 JL	NR	14	7.1	4.7	80000	NR	2300 D
1,1,2,2-Tetrachloroethane	1.4 UJ	NR	1.4 U	1.4 U	1.4 U	1400 U	14 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.52 JL	NR	1.5 U	0.49 J	0.45 J	1500 U	15 U	NR
1,1,2-Trichloroethane	1.1 UJ	NR	1.1 U	1.1 U	1.1 U	1100 U	11 U	NR
1,1-Dichloroethane	4.9 JL	NR	9.1	6	4.4	53000	1500	NR
1,1-Dichloroethene	0.14 UJ	NR	0.14 U	0.14 U	0.14 U	2700	120	NR
1,2,4-Trichlorobenzene	3.7 UJ	NR	3.7 U	3.7 U	2.2 J	3700 U	37 UJ	NR
1,2,4-Trimethylbenzene	2.2 JL	NR	0.76 J	0.81 J	1.5	980 U	9.8 U	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 UJ	NR	1.5 U	1.5 U	1.5 U	1500 U	15 U	NR
1,2-Dichlorobenzene	1.2 UJ	NR	1.2 U	1.2 U	0.78 J	1200 U	12 U	NR
1,2-Dichloroethane	0.81 UJ	NR	0.81 U	0.81 U	0.81 U	810 U	8.1 U	NR
1,2-Dichloropropane	0.92 UJ	NR	0.92 U	0.92 U	0.92 U	920 U	9.2 U	NR
1,2-Dichlorotetrafluoroethane	1.4 UJ	NR	1.4 U	1.4 U	1.4 U	1400 U	14 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	0.54 JL	NR	0.22 J	0.25 J	0.48 J	980 U	9.8 U	NR
1,3-Butadiene	0.44 UJ	NR	0.44 U	0.44 U	0.44 U	440 U	4.4 U	NR
1,3-Dichlorobenzene	1.2 UJ	NR	1.2 U	1.2 U	1.2 U	1200 U	12 U	NR
1,4-Dichlorobenzene	1.2 UJ	NR	1.2 U	1.2 U	1.2 U	1200 U	12 UJ	NR
2,2,4-Trimethylpentane	14 JL	NR	1.3	1.5	2.6	930 U	3.5 J	NR
2-Chlorotoluene	0.27 JL	NR	1 U	1 U	1 U	1000 U	10 U	NR
2-Hexanone	2 UJ	NR	2 U	2 U	2 U	2000 U	20 U	NR
4-Ethyltoluene	0.51 JL	NR	0.23 J	0.23 J	0.49 J	980 U	9.8 U	NR
Acetone	39 JL	NR	40	32	29	12000 U	34 J	NR
Allyl Chloride (3-Chloropropene)	1.6 UJ	NR	1.6 U	1.6 U	1.6 U	1600 U	16 U	NR
Benzene	1.4 JL	NR	0.66	1.3	2.2	640 U	3.5 J	NR
Benzyl Chloride	1 UJ	NR	1 U	1 U	1 U	1000 U	10 UJ	NR
Bromodichloromethane	1.3 UJ	NR	1.3 U	1.3 U	1.3 U	1300 U	13 U	NR
Bromoform	2.1 UJ	NR	2.1 U	2.1 U	2.1 U	2100 U	21 U	NR
Bromomethane	0.78 UJ	NR	0.78 U	0.78 U	0.78 U	780 U	7.8 U	NR
Butane	11 JL	NR	3.3	1.5	1.1 J	310 J	29	NR
Carbon Disulfide	0.48 JL	NR	0.82 J	0.36 J	0.86 J	1600 U	16 U	NR
Carbon Tetrachloride	0.39 JL	NR	0.25	0.39	0.33	220 UJ	2.2 U	NR
Chlorobenzene	0.57 JL	NR	0.47 J	0.55 J	0.55 J	920 U	9.2 U	NR
Chlorodifluoromethane	1.8 UJ	NR	2.2	1.4 J	1.6 J	1800 U	18 U	NR
Chloroethane	1.3 UJ	NR	1.3 U	1.3 U	1.3 U	1000 J	44	NR
Chloroform	3.8 JL	NR	5.6	2.2	4.8	980 U	9.8 U	NR
Chloromethane	1 UJ	NR	1 U	0.25 J	0.27 J	1000 U	10 U	NR
Cis-1,2-Dichloroethylene	0.47 JL	NR	0.58	0.44	0.47	1200	170	NR
Cis-1,3-Dichloropropene	0.91 UJ	NR	0.91 U	0.91 U	0.91 U	910 U	9.1 U	NR
Cyclohexane	NR	120 DJL	0.41 J	1.3	0.68 J	690 U	7	NR
Cymene	1.8 JL	NR	0.52 J	0.71 J	2.1	1100 U	11 U	NR
Dibromochloromethane	1.7 UJ	NR	1.7 U	1.7 U	1.7 U	1700 U	17 U	NR
Dichlorodifluoromethane	2.3 JL	NR	2 J	2.1 J	1.7 J	2500 U	25 U	NR
Ethylbenzene	2.4 JL	NR	1.6	1.3	2	870 U	8.7 U	NR
Hexachlorobutadiene	2.1 UJ	NR	2.1 U	2.1 U	0.74 J	2100 U	21 U	NR
Isopropanol	46 JL	NR	78	66	14	12000 U	120 U	NR
Isopropylbenzene (Cumene)	0.38 JL	NR	0.2 J	0.2 J	0.4 J	980 U	9.8 U	NR
M,P-Xylenes	6.3 JL	NR	5.8	5.4	8.9	2200 U	22 U	NR
Methyl Ethyl Ketone (2-Butanone)	2.1 JL	NR	1.1 J	1.2 J	11	1500 U	15 U	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.55 JL	NR	2 U	2 U	2 U	2000 U	20 U	NR
Methyl Methacrylate	0.98 JL	NR	0.68 J	0.58 J	1.1 J	2000 U	20 U	NR
Methylene Chloride	1.1 JL	NR	1.7 U	1.8	2.4	1400 J	13 J	NR
Naphthalene	1.2 JL	NR	2.6 U	2.6 UJ	2.6	2600 U	26 U	NR
N-Butylbenzene	0.31 JL	NR	1.1 U	1.1 U	0.42 J	1100 U	11 U	NR
N-Heptane	2.4 JL	NR	0.82 U	0.76 J	1.6	820 U	8.2 U	NR
N-Hexane	2.6 JL	NR	1.1	2.3	1.5 J	700 U	7 U	NR
N-Propylbenzene	0.42 JL	NR	0.98 U	0.98 U	0.35 J	980 U	9.8 U	NR
O-Xylene (1,2-Dimethylbenzene)	2.7 JL	NR	2.6	2.5	4.9	870 U	8.7 U	NR
Sec-Butylbenzene	0.21 JL	NR	1.1 U	1.1 U	1.1 U	1100 U	11 U	NR
Styrene	1.7 JL	NR	1	0.69 J	1	850 U	8.5 U	NR
T-Butylbenzene	1.1 UJ	NR	1.1 U	1.1 U	1.1 U	1100 U	11 U	NR
Tert-Butyl Alcohol	2.6 JL	NR	15 U	1.2 J	15 U	15000 U	150 U	NR
Tert-Butyl Methyl Ether	0.72 UJ	NR	0.29 J	0.72 U	0.72 U	720 U	7.2 U	NR
Tetrachloroethylene (PCE)	6.2 JL	NR	15	5.1	27	1400 U	12 J	NR
Tetrahydrofuran	15 UJ	NR	2.1 J	2 J	15 U	510 J	150 U	NR
Toluene	13 JL	NR	5.2	7.8	11	750 U	12	NR
Trans-1,2-Dichloroethene	1 JL	NR	0.37 J	0.28 J	0.37 J	520 J	69	NR
Trans-1,3-Dichloropropene	0.91 UJ	NR	0.91 U	0.91 U	0.91 U	910 U	9.1 U	NR
Trichloroethylene (TCE)	1.9 JL	NR	4.7	1.9	4.1	720	68	NR
Trichlorofluoromethane	1.1 JL	NR	1.3	1.3	1.2	1100 U	11 U	NR
Vinyl Bromide	0.87 UJ	NR	0.87 U	0.87 U	0.87 U	870 U	8.7 U	NR
Vinyl Chloride	0.2 UJ	NR	0.2 U	0.2 U	0.2 U	320	14	NR
Total VOCs	193.3	120	203.46	163.19	159.84	141680	2099	2300

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-04-03_20200519	SVES-04-03_20200519	SVES-04-04_20200824	SVES-04-04_20200824	SVES-04-05_20201116	SVES-04-05_20201116	SVES-04-06_20210816	SVES-INF-01_20191120
Lab Sample ID	200-53716-4	200-53716-4	200-54867-4	200-54867-4	200-56074-7	200-56074-7	200-59706-7	200-51596-5
Date Sampled	5/19/2020 10:30:00 AM	5/19/2020 10:30:00 AM	8/24/2020 11:00:00 AM	8/24/2020 11:00:00 AM	11/16/2020 11:20:00 AM	11/16/2020 11:20:00 AM	8/18/2021 10:45:00 AM	11/20/2019 3:40:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	20	100	15	75	1	2.98	40	400
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	4800 DJL	NR	8700 D	NR	370 D	1800	20000
1,1,2,2-Tetrachloroethane	27 UJ	NR	21 U	NR	1.4 U	NR	55 U	550 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	31 UJ	NR	23 U	NR	1.5 U	NR	61 U	610 U
1,1,2-Trichloroethane	22 UJ	NR	16 U	NR	1.1 U	NR	44 U	440 U
1,1-Dichloroethane	NR	2000 DJL	NR	3500 D	NR	210 D	2500	7400
1,1-Dichloroethene	240 JL	NR	170	NR	13	NR	170	210
1,2,4-Trichlorobenzene	74 UJ	NR	56 U	NR	3.7 U	NR	150 U	1500 U
1,2,4-Trimethylbenzene	12 JL	NR	15 U	NR	0.98 U	NR	39 U	390 U
1,2-Dibromoethane (Ethylene Dibromide)	31 UJ	NR	23 U	NR	1.5 U	NR	61 U	610 U
1,2-Dichlorobenzene	24 UJ	NR	18 U	NR	1.2 U	NR	48 U	480 U
1,2-Dichloroethane	16 UJ	NR	12 U	NR	0.81 U	NR	32 U	320 U
1,2-Dichloropropane	18 UJ	NR	14 U	NR	0.92 U	NR	37 U	370 U
1,2-Dichlorotetrafluoroethane	28 UJ	NR	21 U	NR	1.4 U	NR	56 U	560 U
1,3,5-Trimethylbenzene (Mesitylene)	20 UJ	NR	15 U	NR	0.98 U	NR	39 U	390 U
1,3-Butadiene	8.8 UJ	NR	6.6 U	NR	0.44 U	NR	18 U	180 U
1,3-Dichlorobenzene	24 UJ	NR	18 U	NR	1.2 U	NR	48 U	480 U
1,4-Dichlorobenzene	24 UJ	NR	18 U	NR	1.2 U	NR	48 U	480 U
2,2,4-Trimethylpentane	19 UJ	NR	14 U	NR	0.93 U	NR	37 U	180 J
2-Chlorotoluene	21 UJ	NR	16 U	NR	1 U	NR	41 U	410 U
2-Hexanone	41 UJ	NR	31 U	NR	2 U	NR	82 U	820 U
4-Ethyltoluene	20 UJ	NR	15 U	NR	0.98 U	NR	39 U	390 U
Acetone	260 JL	NR	130 J	NR	12 U	NR	480 U	1100 J
Allyl Chloride (3-Chloropropene)	31 UJ	NR	23 U	NR	1.6 U	NR	63 U	630 U
Benzene	13 UJ	NR	9.6 U	NR	0.64 U	NR	26 U	260 U
Benzyl Chloride	21 UJ	NR	16 U	NR	1 U	NR	41 U	410 U
Bromodichloromethane	27 UJ	NR	20 U	NR	1.3 U	NR	54 U	540 U
Bromoform	41 UJ	NR	31 U	NR	2.1 U	NR	83 U	830 U
Bromomethane	16 UJ	NR	12 U	NR	0.78 U	NR	31 U	310 U
Butane	26 JL	NR	11 J	NR	0.62 J	NR	48 U	480 U
Carbon Disulfide	52 JL	NR	13 J	NR	1.6 U	NR	62 U	110 J
Carbon Tetrachloride	4.4 UJ	NR	3.3 U	NR	0.22 U	NR	8.8 U	88 UJ
Chlorobenzene	18 UJ	NR	14 U	NR	0.92 U	NR	37 U	370 U
Chlorodifluoromethane	35 UJ	NR	27 U	NR	1.8 UJ	NR	71 U	710 U
Chloroethane	80 JL	NR	25	NR	1.6	NR	53 U	530 U
Chloroform	6.2 JL	NR	10 J	NR	0.35 J	NR	39 U	390 U
Chloromethane	21 UJ	NR	15 U	NR	1 UJ	NR	41 U	410 U
Cis-1,2-Dichloroethylene	670 JL	NR	610	NR	33	NR	430	290
Cis-1,3-Dichloropropene	18 UJ	NR	14 U	NR	0.91 U	NR	36 U	360 U
Cyclohexane	46 JL	NR	10 U	NR	0.69 U	NR	28 U	280 U
Cymene	22 UJ	NR	16 U	NR	1.1 U	NR	44 U	440 U
Dibromochloromethane	34 UJ	NR	26 U	NR	1.7 U	NR	68 U	680 U
Dichlorodifluoromethane	49 UJ	NR	37 U	NR	2.5 U	NR	99 U	990 U
Ethylbenzene	6.6 JL	NR	4.7 J	NR	0.87 U	NR	35 U	350 U
Hexachlorobutadiene	43 UJ	NR	32 U	NR	2.1 U	NR	85 U	850 U
Isopropanol	81 JL	NR	110 J	NR	4.7 J	NR	490 U	4900 U
Isopropylbenzene (Cumene)	20 UJ	NR	15 U	NR	0.98 U	NR	39 U	390 U
M,P-Xylenes	43 UJ	NR	33 U	NR	2.2 U	NR	87 U	870 U
Methyl Ethyl Ketone (2-Butanone)	29 UJ	NR	22 U	NR	1.5 U	NR	59 U	150 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	41 UJ	NR	31 U	NR	2 U	NR	82 U	820 U
Methyl Methacrylate	22 JL	NR	73	NR	2 U	NR	37 J	130 J
Methylene Chloride	31 JL	NR	26 U	NR	1.7 U	NR	69 U	690 U
Naphthalene	52 UJ	NR	39 U	NR	2.6 U	NR	100 U	1000 U
N-Butylbenzene	22 UJ	NR	16 U	NR	1.1 U	NR	44 U	440 U
N-Heptane	6 JL	NR	12 U	NR	0.82 U	NR	33 U	330 U
N-Hexane	15 JL	NR	11 U	NR	0.7 U	NR	70 U	280 U
N-Propylbenzene	20 UJ	NR	15 U	NR	0.98 U	NR	39 U	390 U
O-Xylene (1,2-Dimethylbenzene)	10 JL	NR	5.6 J	NR	0.87 U	NR	35 U	350 U
Sec-Butylbenzene	22 UJ	NR	16 U	NR	1.1 U	NR	44 U	440 U
Styrene	5.3 JL	NR	13 U	NR	0.85 U	NR	34 U	340 U
T-Butylbenzene	22 UJ	NR	16 U	NR	1.1 U	NR	44 U	440 U
Tert-Butyl Alcohol	12 JL	NR	8.7 J	NR	15 U	NR	610 U	6100 U
Tert-Butyl Methyl Ether	14 UJ	NR	11 U	NR	0.72 U	NR	29 U	290 U
Tetrachloroethylene (PCE)	870 JL	NR	1400	NR	28	NR	590	330 J
Tetrahydrofuran	9.3 JL	NR	7.1 J	NR	15 U	NR	590 U	790 J
Toluene	17 JL	NR	6.8 J	NR	0.75 U	NR	30 U	300 U
Trans-1,2-Dichloroethene	240 JL	NR	230	NR	12	NR	180	90 J
Trans-1,3-Dichloropropene	18 UJ	NR	14 U	NR	0.91 U	NR	36 U	360 U
Trichloroethylene (TCE)	680 JL	NR	940	NR	35	NR	650	610
Trichlorofluoromethane	22 UJ	NR	17 U	NR	1.1 U	NR	45 U	450 U
Vinyl Bromide	17 UJ	NR	13 U	NR	0.87 U	NR	35 U	350 U
Vinyl Chloride	22 JL	NR	14	NR	1.2	NR	13	80 U
Total VOCs	3419.4	6800	3768.9	12200	129.47	580	6370	31390

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-INF-02_20200224	SVES-INF-02_20200224	SVES-INF-03_20200519	SVES-INF-03_20200519	SVES-INF-04_20200824	SVES-INF-04_20200824	SVES-INF-05_20201116	SVES-INF-05_20201116
Lab Sample ID	200-52756-5	200-52756-5	200-53716-5	200-53716-5	200-54867-5	200-54867-5	200-56074-1	200-56074-1
Date Sampled	2/24/2020 2:45:00 PM	2/24/2020 2:45:00 PM	5/19/2020 9:00:00 AM	5/19/2020 9:00:00 AM	8/24/2020 9:15:00 AM	8/24/2020 9:15:00 AM	11/16/2020 10:00:00 AM	11/16/2020 10:00:00 AM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	3	1	20	1	4	1	2
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	340 D	NR	480 DJL	NR	370 D	NR	240 D
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 UJ	NR	1.4 U	NR	1.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.51 J	NR	1.5 UJ	NR	1.5 U	NR	0.63 J	NR
1,1,2-Trichloroethane	1.7	NR	1.1 UJ	NR	1.1 U	NR	1.1 U	NR
1,1-Dichloroethane	NR	160 D	120 JL	NR	NR	180 D	150	NR
1,1-Dichloroethene	11	NR	5.7 JL	NR	9.3	NR	7.9	NR
1,2,4-Trichlorobenzene	3.7 UJ	NR	3.7 UJ	NR	3.7 U	NR	3.7 U	NR
1,2,4-Trimethylbenzene	0.6 J	NR	1.6 JL	NR	0.98 U	NR	1.4	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 UJ	NR	1.5 U	NR	1.5 U	NR
1,2-Dichlorobenzene	1.2 U	NR	1.2 UJ	NR	1.2 U	NR	1.2 U	NR
1,2-Dichloroethane	0.81 U	NR	0.81 UJ	NR	0.81 U	NR	0.81 U	NR
1,2-Dichloropropane	0.92 U	NR	0.92 UJ	NR	0.92 U	NR	0.92 U	NR
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 UJ	NR	1.4 U	NR	1.4 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	0.42 J	NR	0.38 JL	NR	0.98 U	NR	0.41 J	NR
1,3-Butadiene	0.44 U	NR	0.44 UJ	NR	0.44 U	NR	0.44 U	NR
1,3-Dichlorobenzene	1.2 U	NR	1.2 UJ	NR	1.2 U	NR	1.2 U	NR
1,4-Dichlorobenzene	1.2 UJ	NR	1.2 UJ	NR	1.2 U	NR	1.2 U	NR
2,2,4-Trimethylpentane	14	NR	14 JL	NR	2.1	NR	0.76 J	NR
2-Chlorotoluene	1 U	NR	1 UJ	NR	1 U	NR	1 U	NR
2-Hexanone	2 U	NR	2 UJ	NR	2 U	NR	2 U	NR
4-Ethyltoluene	0.98 U	NR	0.41 JL	NR	0.98 U	NR	0.44 J	NR
Acetone	10 J	NR	31 JL	NR	37	NR	20	NR
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 UJ	NR	1.6 U	NR	1.6 U	NR
Benzene	0.61 J	NR	0.56 JL	NR	0.62 J	NR	1.6	NR
Benzyl Chloride	1 UJ	NR	1 UJ	NR	1 U	NR	1 U	NR
Bromodichloromethane	1.3 U	NR	1.3 UJ	NR	1.3 U	NR	1.3 U	NR
Bromoform	2.1 U	NR	2.1 UJ	NR	2.1 U	NR	2.1 U	NR
Bromomethane	0.78 U	NR	0.78 UJ	NR	0.78 U	NR	0.78 U	NR
Butane	18	NR	5.1 JL	NR	3.3	NR	1.2	NR
Carbon Disulfide	0.47 J	NR	0.44 JL	NR	1.2 J	NR	0.39 J	NR
Carbon Tetrachloride	0.39	NR	0.33 JL	NR	0.37	NR	0.44	NR
Chlorobenzene	0.92 U	NR	0.92 UJ	NR	0.92 U	NR	2	NR
Chlorodifluoromethane	0.96 J	NR	1.8 UJ	NR	2	NR	1.4 J	NR
Chloroethane	3.9	NR	2.1 JL	NR	1.6	NR	1.2 J	NR
Chloroform	2	NR	4.1 JL	NR	6.7	NR	2.8	NR
Chloromethane	1 U	NR	0.35 JL	NR	1 U	NR	0.3 J	NR
Cis-1,2-Dichloroethylene	28	NR	16 JL	NR	32	NR	24	NR
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 UJ	NR	0.91 U	NR	0.91 U	NR
Cyclohexane	8.3	NR	14 JL	NR	0.69 U	NR	0.69 U	NR
Cymene	0.32 J	NR	1.5 JL	NR	1.1 U	NR	1.5	NR
Dibromochloromethane	1.7 U	NR	1.7 UJ	NR	1.7 U	NR	1.7 U	NR
Dichlorodifluoromethane	2.2 J	NR	2.2 JL	NR	2.1 J	NR	2.1 J	NR
Ethylbenzene	0.52 J	NR	1.4 JL	NR	1.4	NR	2.7	NR
Hexachlorobutadiene	2.1 U	NR	2.1 UJ	NR	2.1 U	NR	2.1 U	NR
Isopropanol	2.9 J	NR	72 JL	NR	81	NR	40	NR
Isopropylbenzene (Cumene)	0.18 J	NR	0.22 JL	NR	0.18 J	NR	0.71 J	NR
M,P-Xylenes	2.2 U	NR	3.7 JL	NR	4.4	NR	13	NR
Methyl Ethyl Ketone (2-Butanone)	1.8	NR	2.2 JL	NR	3.1	NR	1.2 J	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	0.75 JL	NR	2 U	NR	2 U	NR
Methyl Methacrylate	2 U	NR	2 UJ	NR	2 U	NR	1.1 J	NR
Methylene Chloride	3.8	NR	1.3 JL	NR	1.6 J	NR	1.1 J	NR
Naphthalene	2.6 U	NR	2.6 UJ	NR	2.6 U	NR	2.6 UJ	NR
N-Butylbenzene	1.1 U	NR	1.1 UJ	NR	1.1 U	NR	1.1 U	NR
N-Heptane	3.4	NR	2.5 JL	NR	0.82 U	NR	0.75 J	NR
N-Hexane	5.6	NR	4.1 JL	NR	0.86	NR	0.7 U	NR
N-Propylbenzene	0.98 U	NR	0.29 JL	NR	0.98 U	NR	0.27 J	NR
O-Xylene (1,2-Dimethylbenzene)	0.68 J	NR	1.4 JL	NR	1.6	NR	6.8	NR
Sec-Butylbenzene	1.1 U	NR	1.1 UJ	NR	1.1 U	NR	1.1 U	NR
Styrene	0.85 U	NR	0.46 JL	NR	0.35 J	NR	1.8	NR
T-Butylbenzene	1.1 U	NR	1.1 UJ	NR	1.1 U	NR	1.1 U	NR
Tert-Butyl Alcohol	0.93 J	NR	2.3 JL	NR	2.2 J	NR	1.2 J	NR
Tert-Butyl Methyl Ether	0.39 J	NR	0.72 UJ	NR	0.72 U	NR	0.72 U	NR
Tetrachloroethylene (PCE)	61	NR	41 JL	NR	110	NR	59	NR
Tetrahydrofuran	3.2 J	NR	2.6 JL	NR	3.1 J	NR	3.8 J	NR
Toluene	3.9	NR	9 JL	NR	6	NR	4.4	NR
Trans-1,2-Dichloroethene	9.5	NR	7.2 JL	NR	13	NR	9.6	NR
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 UJ	NR	0.91 U	NR	0.91 U	NR
Trichloroethylene (TCE)	37	NR	18 JL	NR	53	NR	38	NR
Trichlorofluoromethane	1.2	NR	1.2 JL	NR	1.4	NR	1.3	NR
Vinyl Bromide	0.87 U	NR	0.87 UJ	NR	0.87 U	NR	0.87 U	NR
Vinyl Chloride	0.94	NR	0.2 UJ	NR	0.86	NR	0.59	NR
Total VOCs	240.32	500	391.39	480	382.34	550	407.79	240

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-INF-06_20210816	SVES-INF-07_20220516	SVES-INF-08_20231218	SVES-INT-01_20191120	SVES-INT-02_20200224	SVES-INT-03_20200519	SVES-INT-04_20200824	SVES-INT-04_20200824
Lab Sample ID	200-59706-1	200-63400-1	200-71332-1	200-51596-6	200-52756-6	200-53716-6	200-54867-6	200-54867-6
Date Sampled	8/16/2021 11:20:00 AM	5/16/2022 9:40:00 AM	12/18/2023 9:05:00 AM	11/20/2019 3:20:00 PM	2/24/2020 3:00:00 PM	5/19/2020 9:15:00 AM	8/24/2020 9:30:00 AM	8/24/2020 9:30:00 AM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	1	1	1000	1	1	1	6.14
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	59	15	14	54000	1.5	28 JL	NR	700 D
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	1.4 U	1400 U	1.4 U	1.4 UJ	1.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	1.5 U	0.45 J	1500 U	1.5 U	1.5 UJ	1.5 U	NR
1,1,2-Trichloroethane	1.1 U	1.1 U	1.1 U	1100 U	1.1 U	1.1 UJ	1.1 U	NR
1,1-Dichloroethane	85	28	31	29000	0.69 J	150 JL	NR	190 D
1,1-Dichloroethene	5.1	1.5	2	930	0.14 U	6.8 JL	9.3	NR
1,2,4-Trichlorobenzene	3.7 U	3.7 U	3.7 U	3700 U	3.7 U	3.7 UJ	3.7 U	NR
1,2,4-Trimethylbenzene	2.8	0.91 J	1.4	980 U	1.7	1.6 JL	1	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	1.5 U	1500 U	1.5 U	1.5 UJ	1.5 U	NR
1,2-Dichlorobenzene	1.2 U	1.2 U	1.2 U	1200 U	1.2 U	1.2 UJ	1.2 U	NR
1,2-Dichloroethane	0.81 U	0.81 U	0.81 U	810 U	0.81 U	0.81 UJ	0.81 U	NR
1,2-Dichloropropane	0.92 U	0.65 J	0.81 J	920 U	0.92 U	0.92 UJ	0.92 U	NR
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	1.4 U	1400 U	1.4 U	1.4 UJ	1.4 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	0.89 J	0.25 J	0.44 J	980 U	0.94 J	0.41 JL	0.19 J	NR
1,3-Butadiene	0.44 U	0.44 U	0.44 U	440 U	0.44 U	0.44 UJ	0.44 U	NR
1,3-Dichlorobenzene	1.2 U	1.2 U	1.2 U	1200 U	1.2 U	1.2 UJ	1.2 U	NR
1,4-Dichlorobenzene	1.2 U	1.2 U	1.2 U	1200 U	1.2 UJ	1.2 UJ	1.2 U	NR
2,2,4-Trimethylpentane	11	0.4 J	0.49 J	930 U	0.61 J	0.31 JL	0.56 J	NR
2-Chlorotoluene	1 U	1 U	1 U	1000 U	1 U	1 UJ	1 U	NR
2-Hexanone	2 U	2 U	2 U	2000 U	2 U	2 UJ	2 U	NR
4-Ethyltoluene	0.84 J	0.26 J	0.41 J	980 U	0.98 U	0.42 JL	0.2 J	NR
Acetone	34	42	17	12000 U	17	28 JL	35	NR
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	1.6 U	1600 U	1.6 U	1.6 UJ	1.6 U	NR
Benzene	4.8	1.2	3	640 U	0.45 J	0.46 JL	0.32 J	NR
Benzyl Chloride	1 U	1 U	1 U	1000 U	1 UJ	1 UJ	1 U	NR
Bromodichloromethane	1.3 U	1.3 U	1.3 U	1300 U	1.3 U	1.3 UJ	1.3 U	NR
Bromoform	2.1 U	2.1 U	2.1 U	2100 U	2.1 U	2.1 UJ	2.1 U	NR
Bromomethane	0.78 U	0.78 UJ	0.78 U	780 U	0.78 U	0.78 UJ	0.78 U	NR
Butane	1.9	5.6	2.1	1200 U	5.3	5.8 JL	2.6	NR
Carbon Disulfide	1.5 J	0.53 J	1.6 U	1600 U	1.6 U	1.6 UJ	0.73 J	NR
Carbon Tetrachloride	0.4	0.42	0.35	220 UJ	0.22 U	0.22 UJ	0.22 U	NR
Chlorobenzene	2.7	0.63 J	1.7	920 U	0.92 U	0.92 UJ	0.92 U	NR
Chlorodifluoromethane	1.5 J	1.5 J	0.93 J	1800 U	1.8 U	1.8 UJ	2	NR
Chloroethane	1.3 U	1.3 UJ	1.3 U	1300 U	1.3 U	1.9 JL	1.5	NR
Chloroform	4.6	5.3	2.1	980 U	0.98 U	1.1 JL	7.5	NR
Chloromethane	0.37 J	0.57 J	1 U	1000 U	1 U	1 UJ	1 U	NR
Cis-1,2-Dichloroethylene	14	4.4	6.8	1000	0.26	8.6 JL	37	NR
Cis-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	910 U	0.91 U	0.91 UJ	0.91 U	NR
Cyclohexane	0.69 U	0.28 J	0.56 J	690 U	0.7	2.9 JL	4.3	NR
Cymene	5.2	0.53 J	1.1 U	1100 U	0.47 J	1.2 JL	0.27 J	NR
Dibromochloromethane	1.7 U	1.7 U	1.7 U	1700 U	1.7 U	1.7 UJ	1.7 U	NR
Dichlorodifluoromethane	1.9 J	1.1 J	2.1 J	2500 U	2.5 U	2.4 JL	2.1 J	NR
Ethylbenzene	5.9	2.6	1.7	870 U	0.77 J	0.96 JL	1.3	NR
Hexachlorobutadiene	2.1 U	2.1 U	2.1 U	2100 U	2.1 U	2.1 UJ	2.1 U	NR
Isopropanol	22	48	72	12000 U	2.2 J	40 JL	84	NR
Isopropylbenzene (Cumene)	2	0.25 J	0.98 U	980 U	0.21 J	0.98 UJ	0.98 U	NR
M,P-Xylenes	30	12	4.1	2200 U	3.2	3.1 JL	4.3	NR
Methyl Ethyl Ketone (2-Butanone)	14	2.8	1.5 U	1500 U	0.83 J	0.98 JL	1.5 U	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.97 J	2 U	2.5	2000 U	2 U	0.44 JL	2 U	NR
Methyl Methacrylate	4.6	0.94 J	1.8 J	2000 U	2 U	2 UJ	2 U	NR
Methylene Chloride	1.7 U	3.7	4.5	1700 U	1.1 J	1 JL	1.7	NR
Naphthalene	2.6 U	2.6 U	2.6 U	2600 U	2.6 U	2.6 UJ	2.6 U	NR
N-Butylbenzene	1.1 U	1.1 U	1.1 U	1100 U	1.1 U	1.1 UJ	1.1 U	NR
N-Heptane	2.5	0.52 J	2.1	820 U	0.41 J	0.96 JL	0.82 U	NR
N-Hexane	2.7	1.8 U	1.1 J	700 U	0.76	0.89 JL	0.97	NR
N-Propylbenzene	0.79 J	0.26 J	0.36 J	980 U	0.98 U	0.25 JL	0.98 U	NR
O-Xylene (1,2-Dimethylbenzene)	22	3	1.8	870 U	1.2	1.3 JL	1.6	NR
Sec-Butylbenzene	1.1 U	1.1 U	1.1 U	1100 U	1.1 U	1.1 UJ	1.1 U	NR
Styrene	3.8	1.1	1.8	850 U	0.85 U	0.32 JL	0.63 J	NR
T-Butylbenzene	1.1 U	1.1 U	1.1 U	1100 U	1.1 U	1.1 UJ	1.1 U	NR
Tert-Butyl Alcohol	3.9 J	4.3 J	15 U	15000 U	0.28 J	2.1 JL	7.5 J	NR
Tert-Butyl Methyl Ether	0.72 U	0.72 U	0.72 U	720 U	0.72 U	0.72 UJ	0.72 U	NR
Tetrachloroethylene (PCE)	49	16	10	1400 U	6	0.33 JL	2.4	NR
Tetrahydrofuran	7.9 J	15 U	5.2 J	500 J	0.83 J	1 JL	4.3 J	NR
Toluene	23	18	21	750 U	5.6	8.1 JL	5.7	NR
Trans-1,2-Dichloroethene	6	1.5	2.4	320 J	0.79 U	4.3 JL	12	NR
Trans-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	910 U	0.91 U	0.91 UJ	0.91 U	NR
Trichloroethylene (TCE)	25	8.2	8.7	870	0.92	0.34 JL	4.3	NR
Trichlorofluoromethane	1.3	1.1	1 J	1100 U	1.1 U	1.4 JL	1.2	NR
Vinyl Bromide	0.87 U	0.87 U	0.87 U	870 U	0.87 U	0.87 UJ	0.87 U	NR
Vinyl Chloride	0.4	0.18 J	0.2 U	200 U	0.2 U	0.2 UJ	0.95	NR
Total VOCs	465.26	235.48	229.7	86,620	53.93	307.67	237.42	890

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-INT-05_20201116	SVES-INT-05_20201116	SVES-INT-06_20210816	SVES-INT-07_20220516	SVES-INT-08_20231218	SVES-EFF-01_20191120	SVES-EFF-02_20200224	SVES-EFF-03_20200519
Lab Sample ID	200-56074-2	200-56074-2	200-59706-2	200-63400-2	200-71332-2	200-51596-7	200-52756-7	200-53716-7
Date Sampled	11/16/2020 10:13:00 AM	11/16/2020 10:13:00 AM	8/16/2021 12:55:00 PM	5/16/2022 10:00:00 AM	12/18/2023 9:25:00 AM	11/20/2019 3:05:00 PM	2/24/2020 3:15:00 PM	5/19/2020 9:30:00 AM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	2.98	1	1	1	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	300 D	100	1.1	8.2	3.6	36	2.4 JL
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.56 J	NR	0.54 J	1.5 U	3.4	1.5 U	1.5 U	1.5 UJ
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
1,1-Dichloroethane	150	NR	83	4.8	20	0.9	5.9	11 JL
1,1-Dichloroethene	7.9	NR	5.5	0.54	1.8	0.14 U	0.22	1.6 JL
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	3.7 U	3.7 U	3.7 U	3.7 UJ	3.7 UJ
1,2,4-Trimethylbenzene	0.73 J	NR	1.1	0.91 J	1.7	1.4	0.91 J	1.5 JL
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 UJ
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
1,2-Dichloroethane	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 UJ
1,2-Dichloropropane	0.92 U	NR	0.92 U	0.59 J	0.83 J	0.92 U	0.92 U	0.92 UJ
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ
1,3,5-Trimethylbenzene (Mesitylene)	0.21 J	NR	0.41 J	0.27 J	0.48 J	0.39 J	0.3 J	0.37 JL
1,3-Butadiene	0.44 U	NR	0.44 U	0.12 J	0.44 U	0.44 U	0.44 U	0.44 UJ
1,3-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ
2,2,4-Trimethylpentane	0.51 J	NR	6	0.39 J	0.66 J	0.25 J	0.43 J	0.38 JL
2-Chlorotoluene	1 U	NR	1 U	1 U	1 U	1 U	1 U	1 UJ
2-Hexanone	2 U	NR	2 U	2 U	2 U	0.52 J	2 U	2 UJ
4-Ethyltoluene	0.98 U	NR	0.36 J	0.28 J	0.47 J	0.35 J	0.98 U	0.42 JL
Acetone	20	NR	28	30	18	19	15	25 JL
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 UJ
Benzene	1.4	NR	3.8	0.72	2.6	0.4 J	0.56 J	0.48 JL
Benzyl Chloride	1 U	NR	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Bromodichloromethane	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 UJ
Bromoform	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 UJ
Bromomethane	0.78 U	NR	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 UJ
Butane	1.7	NR	1.7	1.2 U	3.8	1.2 U	3	7.8 JL
Carbon Disulfide	0.38 J	NR	1.1 J	0.47 J	1.6 U	0.3 J	1.6 U	0.25 JL
Carbon Tetrachloride	0.27	NR	0.61	0.22 U	0.24	0.22 UJ	0.22 U	0.19 JL
Chlorobenzene	1.2	NR	1.1	0.43 J	1.1	0.92 U	0.92 U	0.92 UJ
Chlorodifluoromethane	1.4 J	NR	1.5 J	2.4	1 J	1.8 U	1.1 J	1.2 JL
Chloroethane	1.1 J	NR	1.3 U	1.3 U	1.3 U	6.2	1.3 U	1.3 JL
Chloroform	3.6	NR	4.9	0.65 J	1.5	0.98 U	0.98 U	0.98 UJ
Chloromethane	0.3 J	NR	0.32 J	1 U	1 U	1 U	1 U	0.81 JL
Cis-1,2-Dichloroethylene	22	NR	15	0.85	4.5	0.2 U	2.2	0.74 JL
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 UJ
Cyclohexane	0.69 U	NR	0.69 U	0.21 J	0.49 J	0.26 J	0.93	1.7 JL
Cymene	0.64 J	NR	1.9	0.37 J	1.1 U	0.64 J	0.66 J	1.4 JL
Dibromochloromethane	1.7 U	NR	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 UJ
Dichlorodifluoromethane	2 J	NR	1.9 J	2.6	2.2 J	2.1 J	2.5 U	2.3 JL
Ethylbenzene	1.7	NR	2.4	2.8	1.7	0.93	0.85 J	1 JL
Hexachlorobutadiene	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 UJ
Isopropanol	27	NR	16	51	65	28	4.1 J	43 JL
Isopropylbenzene (Cumene)	0.34 J	NR	0.63 J	0.23 J	0.54 J	0.26 J	0.19 J	0.18 JL
M,P-Xylenes	7.2	NR	12	10	4.8	3.2	3	3.1 JL
Methyl Ethyl Ketone (2-Butanone)	0.75 J	NR	12	1.5 U	1.5 U	7.3	1.2 J	0.73 JL
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	2 U	0.99 J	3	2 U	2 U	0.52 JL
Methyl Methacrylate	0.91 J	NR	2.6	1 J	1.3 J	2 U	2 U	2 UJ
Methylene Chloride	1.1 J	NR	1.7 U	2.1 U	3.9	1.8	1.2 J	1.2 JL
Naphthalene	2.6 UJ	NR	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 UJ
N-Butylbenzene	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
N-Heptane	0.55 J	NR	2	0.82 U	1.8	0.38 J	0.48 J	0.82 UJ
N-Hexane	0.7 U	NR	2.3	1.8 U	1.2 J	0.7 U	0.94	0.87 JL
N-Propylbenzene	0.98 U	NR	0.32 J	0.98 U	0.38 J	0.26 J	0.98 U	0.27 JL
O-Xylene (1,2-Dimethylbenzene)	3.6	NR	7.4	3.2	2.1	1.1	1.1	0.97 JL
Sec-Butylbenzene	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
Styrene	0.91	NR	1.4	1	1.6	0.67 J	0.85 U	0.45 JL
T-Butylbenzene	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
Tert-Butyl Alcohol	1.7 J	NR	15 U	15 U	15 U	0.99 J	0.47 J	2 JL
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 UJ
Tetrachloroethylene (PCE)	3.8	NR	8.4	2.3	3.1	0.39 J	2.3	3.6 JL
Tetrahydrofuran	3.3 J	NR	4.7 J	15 U	15 U	16	1.8 J	0.43 JL
Toluene	2.7	NR	15	15	22	5.7	6.5	6.6 JL
Trans-1,2-Dichloroethene	9.8	NR	6	0.35 J	1.7	0.28 J	0.84	0.88 JL
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 UJ
Trichloroethylene (TCE)	6.5	NR	5.1	0.62	1.6	0.19 U	2.4	0.21 JL
Trichlorofluoromethane	1.2	NR	1.3	1.1	0.96 J	1.1 U	1.1 U	1.5 JL
Vinyl Bromide	0.87 U	NR	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 UJ
Vinyl Chloride	0.57	NR	0.42	0.24	0.2 U	9.2	0.2 U	0.2 UJ
Total VOCs	289.53	300	358.71	137.53	189.65	112.77	94.58	128.35

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Vapor Concentrations

Sample ID	SVES-EFF-04_20200824	SVES-EFF-04_20200824	SVES-EFF-05_20201116	SVES-EFF-05_20201116	SVES-EFF-06_20210816	SVES-EFF-07_20220516	SVES-EFF-08_20231218	SSDS-EFF-01_20191211
Lab Sample ID	200-54867-7	200-54867-7	200-56074-3	200-56074-3	200-59706-3	200-63400-3	200-71332-3	200-51843-1
Date Sampled	8/24/2020 9:45:00 AM	8/24/2020 9:45:00 AM	11/16/2020 10:26:00 AM	11/16/2020 10:26:00 AM	8/16/2021 11:50:00 AM	5/16/2022 10:15:00 AM	12/18/2023 9:45:00 AM	12/11/2019 2:45:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	6.14	1	2	2.98	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	690 D	NR	320 D	210	1.1 U	8.3	24
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	NR	4.1 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.1 J	NR	0.36 J	NR	4.6 U	1.5 U	1.5 U	0.55 J
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	NR	3.3 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	NR	250 D	140	NR	99	1.1	27	6.3
1,1-Dichloroethene	11	NR	7.2	NR	5.2	0.14 U	1.9	0.14 U
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	NR	11 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	0.8 J	NR	0.82 J	NR	1.4 J	1.3	2.5	0.61 J
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	NR	4.6 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	NR	3.6 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	0.81 U	NR	0.81 U	NR	2.4 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	0.43 J	NR	0.92 U	NR	2.8 U	0.95	0.9 J	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	NR	4.2 U	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	0.23 J	NR	0.23 J	NR	2.9 U	0.37 J	0.65 J	0.31 J
1,3-Butadiene	0.44 U	NR	0.44 U	NR	1.3 U	0.44 U	0.44 U	0.14 J
1,3-Dichlorobenzene	1.2 U	NR	1.2 U	NR	3.6 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	NR	3.6 U	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	0.57 J	NR	0.27 J	NR	5.9	0.4 J	0.48 J	5.2
2-Chlorotoluene	1 U	NR	1 U	NR	3.1 U	1 U	1 U	1 U
2-Hexanone	2 U	NR	2 U	NR	6.1 U	2 U	2 U	2 U
4-Ethyltoluene	0.23 J	NR	0.27 J	NR	2.9 U	0.39 J	0.65 J	0.33 J
Acetone	41	NR	28	NR	45	35	17	39
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	NR	4.7 U	1.6 U	1.6 U	1.6 U
Benzene	0.75	NR	1	NR	3.9	0.78	2.6	1.8
Benzyl Chloride	1 U	NR	1 U	NR	3.1 U	1 U	1 U	1 U
Bromodichloromethane	1.3 U	NR	1.3 U	NR	4 U	1.3 U	1.3 U	1.3 U
Bromoform	2.1 U	NR	2.1 U	NR	6.2 U	2.1 U	2.1 U	2.1 U
Bromomethane	0.78 U	NR	0.78 U	NR	2.3 U	0.78 U	0.78 U	0.78 U
Butane	1.2 U	NR	2.7	NR	1.7 J	1.2 U	4.1	13
Carbon Disulfide	1.3 J	NR	0.34 J	NR	1.4 J	0.43 J	1.6 U	0.31 J
Carbon Tetrachloride	0.22 U	NR	0.22 U	NR	1	0.22 U	0.22	0.5
Chlorobenzene	0.85 J	NR	0.58 J	NR	2.7 U	0.42 J	1.1	0.92 U
Chlorodifluoromethane	1.9	NR	1.4 J	NR	5.3 U	2.2	0.97 J	1.1 J
Chloroethane	2.2	NR	0.85 J	NR	3.9 U	1.3 U	1.3 U	0.15 J
Chloroform	8.4	NR	4	NR	6.4	0.22 J	1.8	1.5
Chloromethane	1 U	NR	0.46 J	NR	3.1 U	1 U	1 U	0.72 J
Cis-1,2-Dichloroethylene	49	NR	20	NR	17	0.2 U	5.5	0.32
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	2.7 U	0.91 U	0.91 U	0.91 U
Cyclohexane	1.4	NR	0.69 U	NR	4.5	0.69 U	0.5 J	16
Cymene	0.52 J	NR	0.7 J	NR	2.4 J	0.53 J	1.1 U	1.1 U
Dibromochloromethane	1.7 U	NR	1.7 U	NR	5.1 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	1.2 J	NR	2 J	NR	2.2 J	2.8	2.1 J	1.9 J
Ethylbenzene	2.9	NR	1.5	NR	2.6	3.1	1.7	2
Hexachlorobutadiene	2.1 U	NR	2.1 U	NR	6.4 U	2.1 U	2.1 U	2.1 U
Isopropanol		100 D	49	NR	20 J	59	58	8.4 J
Isopropylbenzene (Cumene)	0.28 J	NR	0.2 J	NR	2.9 U	0.25 J	0.57 J	0.98 U
M,P-Xylenes	13	NR	6	NR	12	11	5.1	7.3
Methyl Ethyl Ketone (2-Butanone)	1.6	NR	0.75 J	NR	12	4.1	1.5 U	10
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.47 J	NR	2 U	NR	6.1 U	1 J	2.2	2 U
Methyl Methacrylate	1.3 J	NR	0.39 J	NR	6.1 U	1 J	1.3 J	2 U
Methylene Chloride	2.4	NR	2.1	NR	2.4 J	1.7 U	3.5	2
Naphthalene	2.6 U	NR	2.6 UJ	NR	7.8 U	2.6 U	2.6 U	2.6 U
N-Butylbenzene	1.1 U	NR	1.1 U	NR	3.3 U	1.1 U	1.1 U	1.1 U
N-Heptane	0.82	NR	0.51 J	NR	2.5	0.82 U	1.7	2.8
N-Hexane	0.98	NR	1.1	NR	2.6 J	1.8 U	1 J	5.4
N-Propylbenzene	0.19 J	NR	0.98 U	NR	2.9 U	0.27 J	0.48 J	0.21 J
O-Xylene (1,2-Dimethylbenzene)	4.8	NR	2.6	NR	8.6	3.6	2.5	2.2
Sec-Butylbenzene	1.1 U	NR	1.1 U	NR	3.3 U	1.1 U	1.1 U	1.1 U
Styrene	1.7	NR	0.71 J	NR	1.1 J	1.2	1.9	0.28 J
T-Butylbenzene	1.1 U	NR	1.1 U	NR	3.3 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	7.1 J	NR	3 J	NR	14 J	15 U	15 U	1.1 J
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	NR	2.1 U	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	0.71 J	NR	0.58 J	NR	7.3	0.73 J	1.9	8.2
Tetrahydrofuran	15 J	NR	2.7 J	NR	44 U	15 U	15 U	15
Toluene	6.6	NR	4.1	NR	15	18	24	11
Trans-1,2-Dichloroethene	17	NR	8.5	NR	7.2	0.79 U	2.2	0.79 U
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	2.7 U	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	0.68	NR	0.9	NR	36	0.19 U	2	2.7
Trichlorofluoromethane	1 J	NR	1.4	NR	1.1 J	0.41 J	1 J	1.1
Vinyl Bromide	0.87 U	NR	0.87 U	NR	2.6 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride	0.89	NR	0.52	NR	0.6 U	0.22	0.2 U	0.2 U
Total VOCs	202.3	1040	297.74	320	551.4	150.77	189.32	193.43

Table 1
New 470 Project
12 Eckford Street
Brooklyn, New York
Notes

DEFINITIONS

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

J : The concentration given is an estimated value.

L : Sample result is estimated and biased low.

NR : Not reported.

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

UJ : The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise

$\mu g/m^3$: micrograms per cubic meter of air

Table 2
New 470 Project
12 Eckford Street
Brooklyn, New York
SSDS/SVES Parameter Tracking

Inspection Date			11/20/2019	12/11/2019	12/13/2019	12/20/2019	1/10/2020	2/10/2020	2/24/2020	3/20/2020	4/22/2020	5/19/2020	6/22/2020	7/20/2020
SVES														
General Parameters	VFD Setting (Hz)		60	60	40	40	40	40	40	40	40	40	40	40
	Last VFD Fault runtime		N/A	N/A	N/A	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019
	Alarm since last inspection?		N/A	N/A	N/A	12/18/2019	No	No	No	No	No	No	No	No
	Pre-Blower Temperature (°F)		N/A	52	N/A	48	50	50	50	54	54	60	70	74
	Pre-Dilution Inlet Vacuum (inH_2O)		N/A	14	N/A	15	15	15	16	16	16	16	16	16
	Dilution Line Air Flow Rate (inH_2O)		N/A	0	N/A	0	0	0	0	0	0	0	0	0
	Post-Filter Vacuum (inH_2O)		N/A	28	N/A	22	22	22	22	22	22	22	22	23
	GAC Influent Pressure (inH_2O)		N/A	17.5	N/A	8	7.5	1.8	3	3	3	3	3	3
	GAC Influent Temperature (°F)		N/A	95	N/A	72	76	76	73	78	77	84	94	98
	GAC Influent PID (ppm)		N/A	3.46	N/A	2.8	3.2	0.4	0.6	0.1	0.1	0	0	0
	GAC Intermediate Pressure (inH_2O)		N/A	13.5	N/A	5.5	5	1.2	1.75	1.75	1.5	1.75	1.75	1.75
	GAC Intermediate PID (ppm)		N/A	1.87	N/A	2.9	3.4	0.3	0.5	0.0	0.0	0	0	0
	GAC Effluent Pressure (inH_2O)		N/A	3.5	N/A	2	1.5	0.3	1.25	1.25	1.25	1.25	1.25	1.25
	GAC Effluent PID (ppm)		N/A	0.07	N/A	2.6	3	0	0.3	0.0	0.0	0	0	0
	Discharge Flow Rate (inH_2O)		N/A	N/A	N/A	N/A	25.32	26.54	20.18	19.8	23.48	24.29	21.58	23.85
SVES	SVES-01	Vacuum Reading (inH_2O)	12	16	16	17	16	17	19	17	17	17	17	17
		Air Flow Reading (inH_2O)	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.025	0.025	0.025
		Air Flow Reading (scfm)	23	23	33	33	33	33	40	33	33	37	36	36
	SVES-02	Vacuum Reading (inH_2O)	5	8	4	4	4	5	5	5	5	5	5	6
		Air Flow Reading (inH_2O)	0.46	> 0.5	0.28	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.48	0.48
		Air Flow Reading (scfm)	160	166	125	118	121	120	120	123	123	121	160	159
	SVES-03	Vacuum Reading (inH_2O)	5	8	4	4	2	4	4	4	4	4	4	4
		Air Flow Reading (inH_2O)	> 0.5	> 0.5	0.27	0.27	0.26	0.25	0.27	0.26	0.27	0.26	0.12	0.12
		Air Flow Reading (scfm)	167	166	123	123	121	118	123	122	123	119	80	80
	SVES-04	Vacuum Reading (inH_2O)	10	14	16	16	16	16	16	16	16	17	16	16
		Air Flow Reading (inH_2O)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		Air Flow Reading (scfm)	23	23	23	23	23	23	23	23	23	23	23	23
TOTAL AIR FLOW RATE			**373**	**378**	**304**	**297**	**298**	**294**	**306**	**301**	**302**	**300**	**299**	**298**
SSDS														
General Parameters	VFD Setting (Hz)		60	60	35	35	35	35	35	35	35	35	35	35
	Last VFD Fault runtime		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Alarm since last inspection?		N/A	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019	12/6/2019
	Pre-Suction Fan Temperature (°F)		54	52	N/A	48	54	51	51	54	53	60	70	73
	Pre-Suction Fan Vacuum (inH_2O)		9.3	9.5	N/A	2.75	2	3	3	2.75	3	3	3	3
	Effluent Pressure (inH_2O)		0.8	0.6	N/A	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1
	Effluent Temperature (°F)		64	62	N/A	50	52	56	56	59	58	64	74	78
	Effluent VOC (ppm)		N/A	N/A	N/A	2.3	2.4	0.9	0.8	0.0	0.0	0.0	0	0
SSDS	SSDS-A	Vacuum Reading (inH_2O)	3	3.5	N/A	0.9	0.9	1.25	1.25	1.25	1.5	1.5	1.5	2
		Air Flow Reading (inH_2O)	0.18	> 0.25	N/A	0.1	0.05	0.01	0.001	0.08	0.08	0.075	0.075	0.055
		Air Flow Reading (scfm)	100	118	N/A	75	53	24	7	67	67	64	64	54
		VOC Reading (ppm)	N/A	0.02	N/A	3.4	3.7	1.3	1.4	0.2	1.2	0.2	0.7	1.1
	SSDS-B	Vacuum Reading (inH_2O)	3.6	4.5	N/A	2	1.8	2.25	2.25	2.25	2.25	2.25	2.5	2.75
		Air Flow Reading (inH_2O)	0.215	0.18	N/A	0.05	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.0275
		Air Flow Reading (scfm)	109	100	N/A	53	34	47	47	47	47	47	47	38
		VOC Reading (ppm)	N/A	0.05	N/A	2.9	3.1	0.9	0.8	0.2	0.5	0.1	0.6	0.6
	SSDS-C	Vacuum Reading (inH_2O)	7.4	9	N/A	3	2	3.1	3	3	3	3	3	3
		Air Flow Reading (inH_2O)	0.009	0.01	N/A	0.001	0.001	0.001	0.001	0.005	0.005	0.005	0.01	0.01
		Air Flow Reading (scfm)	22	23	N/A	7	7	7	7	17	17	16	23	23
		VOC Reading (ppm)	N/A	0.12	N/A	3	3.1	1	0.6	0.3	0.4	0.2	0.6	0.7
	SSDS-D	Vacuum Reading (inH_2O)	8.9	9	N/A	3	2.2	3.2	3.0	3	3	3.1	3	3
		Air Flow Reading (inH_2O)	0.005	0.005	N/A	0.025	0.025	0.005	0.005	0.005	0.01	0.01	0.01	0.015
		Air Flow Reading (scfm)	17	17	N/A	37	37	17	17	17	24	23	23	28
		VOC Reading (ppm)	N/A	0.07	N/A	2.6	2.7	1.6	0.1	0.1	0.3	0.3	0.6	0.3
TOTAL AIR FLOW RATE			**248**	**258**	**0**	**172**	**131**	**95**	**78**	**148**	**155**	**150**	**157**	**143**
Vacuum Monitoring Points	MP-01	Vacuum Reading (inH_2O)	N/A	> Equip. Limit	N/A	1.497	1.480	1.789	1.821	1.861	1.887	1.968	1.881	2.326
	MP-02	Vacuum Reading (inH_2O)	N/A	> Equip. Limit	N/A	2.015	1.887	2.301	2.402	2.426	2.404	2.518	2.233	2.754
	MP-03	Vacuum Reading (inH_2O)	N/A	> Equip. Limit	N/A	2.087	2.061	2.498	2.632	2.657	2.551	2.730	2.316	2.831
Notes			startup	startup	startup	startup								

Table 2
New 470 Project
12 Eckford Street
Brooklyn, New York
SSDS/SVES Parameter Tracking

Inspection Date			8/24/2020	9/21/2020	10/19/2020	10/19/2020	11/16/2020 *	12/15/2020 *	1/19/2021 *	2/9/2021 **	3/9/2021	4/13/2021
SVES												
General Parameters	VFD Setting (Hz)		40	40	40	40	40	40	40		40	40
	Last VFD Fault runtime		12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019		12/12/2019	12/12/2019
	Alarm since last inspection?		No	No	No	No	No	No	No		No	No
	Pre-Blower Temperature (°F)		76	70	66	66	62	55	52		50	58
	Pre-Dilution Inlet Vacuum (inH_2O)		16	16	16	16	14	11	11		12	12
	Dilution Line Air Flow Rate (inH_2O)		0	0	0	0	0.0	0.0	0.0		0	0
	Post-Filter Vacuum (inH_2O)		24	24	24	24	22	19	19		19	19
	GAC Influent Pressure (inH_2O)		3	3	3	3	3	3	3.25		3.25	3.25
	GAC Influent Temperature (°F)		100	91	90	90	84	77	72		74	80
	GAC Influent PID (ppm)		0.3	0.8	0.0	0.0	0.0	3.4	0.5		0.1	0.0
	GAC Intermediate Pressure (inH_2O)		1.5	1.5	1.5	1.5	1.5	1.5	1.5		2.75	2.75
	GAC Intermediate PID (ppm)		0.3	0.6	0.0	0.0	0.0	1.4	0.3		0.1	0.0
	GAC Effluent Pressure (inH_2O)		1.25	1.25	1.25	1.25	1.25	1.25	1.25		0.5	0.5
	GAC Effluent PID (ppm)		0.3	0.3	0.0	0.0	0.0	0.6	0.1		0.0	0.0
	Discharge Flow Rate (inH_2O)		19.39	24.1	23.77	23.77	23.99	25.06	24.91		24.20	20.05
SVES	SVES-01	Vacuum Reading (inH_2O)	18	17	17	17	16	12	12		12	11.5
		Air Flow Reading (inH_2O)	0.03	0.025	0.025	0.025	0.025	0.015	0.015		0.015	0.015
		Air Flow Reading (scfm)	39	36	36	36	36	28	28		29	29
	SVES-02	Vacuum Reading (inH_2O)	7	6	6	6	4	4	4		4	4.25
		Air Flow Reading (inH_2O)	0.46	0.34	0.48	0.48	0.49	0.35	0.33		0.31	0.31
		Air Flow Reading (scfm)	156	134	160	160	163	138	135		131	130
	SVES-03	Vacuum Reading (inH_2O)	4	3.5	3.5	3.5	2	2	2		4	4
		Air Flow Reading (inH_2O)	0.13	0.14	0.125	0.125	0.12	0.33	0.325		0.32	0.32
		Air Flow Reading (scfm)	83	86	82	82	81	134	134		133	132
	SVES-04	Vacuum Reading (inH_2O)	17	17	16	16	15	11	11		12	12
		Air Flow Reading (inH_2O)	0.015	0.015	0.014	0.014	0.015	0.010	0.010		0.01	0.01
		Air Flow Reading (scfm)	28	28	27	27	28	23	23		23	23
TOTAL AIR FLOW RATE			**306**	**284**	**305**	**305**	**308**	**323**	**320**		**316**	**314**
SSDS												
General Parameters	VFD Setting (Hz)		35	35	35	30 *	NA	NA	NA		NA	NA
	Last VFD Fault runtime		N/A	9/21/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020		10/12/2020	10/12/2020
	Alarm since last inspection?		12/6/2019	9/21/2020	10/12/2020	10/12/2020	10/26/2020	10/26/2020	10/26/2020		10/26/2020	10/26/2020
	Pre-Suction Fan Temperature (°F)		74	70	68	68	NA	NA	NA		62	64
	Pre-Suction Fan Vacuum (inH_2O)		2.75	3	2.75	1.75	NA	NA	NA		1.5	1.5
	Effluent Pressure (inH_2O)		0.1	0.1	0.1	0.1	NA	NA	NA		0.1	0.1
	Effluent Temperature (°F)		79	72	72	72	NA	NA	NA		66	66
	Effluent VOC (ppm)		0.2	0.1	0.4	0.2	NA	NA	NA		1.1	0.2
SSDS	SSDS-A	Vacuum Reading (inH_2O)	2	1.750	1.5	1	NA	NA	NA		1	1
		Air Flow Reading (inH_2O)	0.058	0.060	0.06	0.04	NA	NA	NA		NA	NA
		Air Flow Reading (scfm)	56	57	57	47	NA	NA	NA		46.63	45.47
		VOC Reading (ppm)	1	0.3	0.2	0.1	NA	NA	NA		0.9	0.0
	SSDS-B	Vacuum Reading (inH_2O)	2.75	2.5	2.5	2	NA	NA	NA		2	2
		Air Flow Reading (inH_2O)	0.03	0.03	0.03	0.015	NA	NA	NA		NA	NA
		Air Flow Reading (scfm)	40	40	40	29	NA	NA	NA		30.15	25.7
		VOC Reading (ppm)	0.4	0.3	0.1	0.1	NA	NA	NA		0.7	0.1
	SSDS-C	Vacuum Reading (inH_2O)	3	3	3	2	NA	NA	NA		1.75	1.5
		Air Flow Reading (inH_2O)	0.0125	0.01	0.01	0.01	NA	NA	NA		NA	NA
		Air Flow Reading (scfm)	26	23	23	23	NA	NA	NA		14.22	20.41
		VOC Reading (ppm)	0.6	0.2	0.2	0.1	NA	NA	NA		0.4	0.2
	SSDS-D	Vacuum Reading (inH_2O)	3	3	3	2.0	NA	NA	NA		2	1.75
		Air Flow Reading (inH_2O)	0.015	0.015	0.015	0.0125	NA	NA	NA		NA	NA
		Air Flow Reading (scfm)	28	28	28	26	NA	NA	NA		9.13	20.3
		VOC Reading (ppm)	0.3	0.2	0.1	0.1	NA	NA	NA		0.6	0.3
TOTAL AIR FLOW RATE			**150**	**148**	**148**	**125**	NA	NA	NA		**100**	**112**
Vacuum Monitoring Points	MP-01	Vacuum Reading (inH_2O)	2.260	2.124	2.078	1.785	0.788	0.723	0.734	1.528	1.603	1.653
	MP-02	Vacuum Reading (inH_2O)	2.666	2.590	2.533	2.226	1.193	1.184	1.157	1.982	2.034	2.102
	MP-03	Vacuum Reading (inH_2O)	2.703	2.623	2.589	2.335	1.529	1.540	1.525	2.174	2.250	2.321
Notes							*SSDS off	*SSDS off	*SSDS off	**SSDS on		

Table 2
New 470 Project
12 Eckford Street
Brooklyn, New York
SSDS/SVES Parameter Tracking

Inspection Date			5/19/2021	6/24/2021	7/26/2021	8/16/2021	9/21/2021	10/18/2021	11/16/2021	12/13/2021	1/24/2022	2/15/2022	3/21/2022	4/19/2022	5/16/2022
SVES															
General Parameters	VFD Setting (Hz)		40	40	40	40	40	40	40	40	40	40	40	40	40
	Last VFD Fault runtime		12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019
	Alarm since last inspection?		No	No	No	No	Yes - Main Power Failure Alarm on 2021-08-29	No	No	No	No	No	No	No	No
	Pre-Blower Temperature (°F)		65	70	75	77	74	70	60	55	48	48	54	58	63
	Pre-Dilution Inlet Vacuum (inH_2O)		12	12	12	12	12	12	12	12	11	12	11	12	11
	Dilution Line Air Flow Rate (inH_2O)		0	0	0	0	0	0	0	0	0	0	0	0	0
	Post-Filter Vacuum (inH_2O)		19	19	19	19	19	19	18	18	18	19	18	19	18
	GAC Influent Pressure (inH_2O)		3.25	3.25	3.25	3.25	3.25	3	3.25	3.25	3.25	3.25	3	3	3
	GAC Influent Temperature (°F)		87	92	96	97	94	90	82	78	70	69	77	78	84
	GAC Influent PID (ppm)		0	0.2	0	0.6	0	0.1	0.3	0.4	0.2	0.1	0.1	0.1	0
	GAC Intermediate Pressure (inH_2O)		2.75	2.5	2.5	2.5	2.5	2.5	2.25	2.5	2.5	2.5	1.75	1.5	1.75
	GAC Intermediate PID (ppm)		0	0.1	0.0	0.7	0	0.0	0.2	0.1	0.1	0	0	0	0
	GAC Effluent Pressure (inH_2O)		0.5	1	1	1	1	1	1	1.25	1.25	1.25	1	1	1
	GAC Effluent PID (ppm)		0.0	0.1	0.0	0.7	0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0
	Discharge Flow Rate (inH_2O)		20.18	19.47	25.29	24.2	25.22	25.43	30.52	24.37	24.15	24.63	21.13	23.62	24.13
SVES	SVES-01	Vacuum Reading (inH_2O)	12	13	14	12	14	13	12	13	12	13	13	13	12
		Air Flow Reading (inH_2O)	0.015	0.015	0.015	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
		Air Flow Reading (scfm)	28	27	27	31	32	32	32	32	32	32	32	32	32
	SVES-02	Vacuum Reading (inH_2O)	4.25	4.25	4.25	5	6	5	5	4	4	4	4	5	5
		Air Flow Reading (inH_2O)	0.31	0.31	0.32	0.3	0.3	0.3	0.31	0.32	0.3	0.31	0.30	0.3	0.3
		Air Flow Reading (scfm)	129	126	127	123	124	124	127	130	126	129	126	125	125
	SVES-03	Vacuum Reading (inH_2O)	4	4	4	4	4	4	4	4	4	4	4	4	4
		Air Flow Reading (inH_2O)	0.32	0.32	0.32	0.32	0.33	0.34	0.33	0.32	0.32	0.33	0.32	0.32	0.31
		Air Flow Reading (scfm)	131	128	127	127	130	132	131	130	130	133	130	130	127
	SVES-04	Vacuum Reading (inH_2O)	12	12	12	12	12	12	12	12	12	12	12	12	12
		Air Flow Reading (inH_2O)	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		Air Flow Reading (scfm)	23	22	22	22	22	22	23	23	23	23	23	23	23
TOTAL AIR FLOW RATE			**311**	**303**	**303**	**303**	**308**	**310**	**313**	**315**	**311**	**317**	**311**	**310**	**307**
SSDS															
General Parameters	VFD Setting (Hz)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Last VFD Fault runtime		10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020
	Alarm since last inspection?		10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020
	Pre-Suction Fan Temperature (°F)		68	73	76	76	74	70	66	63	58	56	62	60	68
	Pre-Suction Fan Vacuum (inH_2O)		1.5	1.75	1.5	1.5	1.5	1.5	1.5	1.75	1.75	1.75	2	1.75	1.5
	Effluent Pressure (inH_2O)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
	Effluent Temperature (°F)		75	78	82	82	80	70	67	64	60	56	66	63	72
	Effluent VOC (ppm)		0	0.1	2.0	2.1	0.3	0.6	0.2	0	0	0	0.2	0.1	0
SSDS	SSDS-A	Vacuum Reading (inH_2O)	1	1	1	1	1	1	1	1	1	1	1.25	1.25	1.25
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	46.84	43.15	40.15	42.19	45.98	41.09	43.96	44.31	47.18	47.35	43.37	39.78	43.15
		VOC Reading (ppm)	0.1	0.3	3.7	0.3	0.6	1.2	0.1	0.2	0.1	0	0.5	0.1	0
	SSDS-B	Vacuum Reading (inH_2O)	2	2	2	2	2	2	2	2	1.75	2	2	2.25	2
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	25.64	26.12	27.63	24.81	28.75	26.83	30.44	30.2	34.2	33.3	30.11	22.38	24.30
		VOC Reading (ppm)	0.2	0.3	1.5	0.4	0.8	0.3	0.3	0.1	0.2	0.1	0.3	0	0
	SSDS-C	Vacuum Reading (inH_2O)	1.75	2	2	2	1.75	1.75	1.75	1.75	1.75	1.75	2	2	1.75
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	20.06	20.78	22.17	21.45	22.18	24.11	25.69	27.08	27.44	34.16	20.87	21.35	26.45
		VOC Reading (ppm)	0.1	0.2	1.6	0.5	0.7	0	0.2	0.3	0.1	0	0.3	0	0
	SSDS-D	Vacuum Reading (inH_2O)	1.75	1.75	2	2	1.75	1.75	2	2	1.75	1.75	2	2	2
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	22.10	20.78	21.29	20.24	24.05	26.22	26.9	22.38	21.16	23.02	21.48	22.77	21.50
		VOC Reading (ppm)	0.1	0.2	1.4	0.3	0.4	0.2	0.1	0.3	0.1	0	0.2	0.1	0
TOTAL AIR FLOW RATE			**115**	**111**	**111**	**109**	**121**	**118**	**127**	**124**	**130**	**138**	**116**	**106**	**115**
Vacuum Monitoring Points	MP-01	Vacuum Reading (inH_2O)	1.753	1.797	1.800	1.835	1.569	1.696	1.620	1.648	1.583	1.620	1.735	2.026	1.846
	MP-02	Vacuum Reading (inH_2O)	NA	2.160	2.168	2.224	2.015	2.097	2.002	1.996	1.891	2.007	2.089	2.334	2.203
	MP-03	Vacuum Reading (inH_2O)	2.347	2.362	2.363	2.400	2.153	2.276	2.161	2.160	2.125	2.186	2.296	2.551	2.409
Notes															

Table 2
New 470 Project
12 Eckford Street
Brooklyn, New York
SSDS/SVES Parameter Tracking

Inspection Date			6/13/2022	7/12/2022	8/22/2022	9/20/2022	10/17/2022	11/14/2022	12/3/2022	1/26/2023	2/21/2023	3/22/2023	4/17/2023
SVES													
General Parameters	VFD Setting (Hz)		40	40	40	40	40	40	40	40	40	40	40
	Last VFD Fault runtime		12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019	12/12/2019
	Alarm since last inspection?		No	No	No	No	No	No	No	No	No	No	No
	Pre-Blower Temperature (°F)		70	73	76	74	68	65	60	55	56	55	63
	Pre-Dilution Inlet Vacuum (inH_2O)		12	11	11	12	10	11	11	11	11	11	11
	Dilution Line Air Flow Rate (inH_2O)		0	0	0	0	0	0	0	0	0	0	0
	Post-Filter Vacuum (inH_2O)		18	19	18	18	18	18	18	18	18	18	18
	GAC Influent Pressure (inH_2O)		3	3	3	3	3	3	3	3	3	3	3
	GAC Influent Temperature (°F)		90	94	96	94	88	84	80	78	78	78	85
	GAC Influent PID (ppm)		0	1.4	0	0.4	0.2	0.3	0	0.1	0	0	0
	GAC Intermediate Pressure (inH_2O)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	GAC Intermediate PID (ppm)		0	1.1	0.0	0.9	0.0	0.1	0	0.1	0	0	0
	GAC Effluent Pressure (inH_2O)		1	1	1	1	1	1	1	1	1	1	1
	GAC Effluent PID (ppm)		0	0.9	0	0.6	0	0	0	0.1	0	0	0
	Discharge Flow Rate (inH_2O)		24.03	23.56	19.49	19.46	23.45	20.08	19.53	18.49	23.85	19.58	19.02
SVES	SVES-01	Vacuum Reading (inH_2O)	13	13	13	14	13	13	12	13	13	13	13
		Air Flow Reading (inH_2O)	0.02	0.02	0.025	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
		Air Flow Reading (scfm)	32	32	35	39	32	32	32	32	32	32	32
	SVES-02	Vacuum Reading (inH_2O)	4.5	4.5	4.25	4	4.5	4	4	4	5	5	4
		Air Flow Reading (inH_2O)	0.3	0.3	0.29	0.27	0.28	0.29	0.3	0.29	0.29	0.3	0.29
		Air Flow Reading (scfm)	124	124	121	117	120	123	125	123	123	125	122
	SVES-03	Vacuum Reading (inH_2O)	4	4	4	4	4	4	4	4	5	5	4
		Air Flow Reading (inH_2O)	0.33	0.32	0.32	0.34	0.32	0.32	0.32	0.32	0.31	0.32	0.31
		Air Flow Reading (scfm)	130	128	127	132	128	129	129	130	127	130	127
	SVES-04	Vacuum Reading (inH_2O)	12	12	11	12	12	12	11	12	12	12	12
		Air Flow Reading (inH_2O)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		Air Flow Reading (scfm)	22	22	22	22	23	23	23	23	23	23	23
TOTAL AIR FLOW RATE			**308**	**306**	**305**	**310**	**303**	**307**	**309**	**308**	**305**	**310**	**304**
SSDS													
General Parameters	VFD Setting (Hz)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Last VFD Fault runtime		10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020
	Alarm since last inspection?		10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020
	Pre-Suction Fan Temperature (°F)		72	75	76	75	68	67	65	64	64	63	68
	Pre-Suction Fan Vacuum (inH_2O)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	1.5	1.5	1.5
	Effluent Pressure (inH_2O)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Effluent Temperature (°F)		78	78	82	82	74	70	68	68	68	67	72
	Effluent VOC (ppm)		0	0.9	0	0.9	0	0.2	0	0	0	0	0
SSDS	SSDS-A	Vacuum Reading (inH_2O)	1	1	1	1	1	1	1	1	1	1	1
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	42.99	44.5	44.87	44.03	42.2	42.32	46.91	45.96	45.99	52.49	47.32
		VOC Reading (ppm)	0	0	0	0.5	0.4	0.3	0.3	0	0.1	0.1	0.2
	SSDS-B	Vacuum Reading (inH_2O)	2	2	1.75	1.75	1.75	1.75	1.5	2	1.75	1.5	1.75
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	26.80	29.44	32.87	30.75	29.70	31.73	35.03	37.74	32.55	36.19	32.72
		VOC Reading (ppm)	0	0	0	0.4	0.2	0.1	0.2	0	0	0.1	0.1
	SSDS-C	Vacuum Reading (inH_2O)	1.5	1.5	1.5	1.5	1.5	1.50	1.5	2.00	1.5	1.5	1.5
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	21.18	27.12	27.97	22.86	21.18	22.07	24.72	22.64	21.12	22.34	21.44
		VOC Reading (ppm)	0	0	0	0.7	0.1	0.2	0.4	0	0.1	0	0
	SSDS-D	Vacuum Reading (inH_2O)	1.75	1.75	1.5	1.5	1.5	2	1.75	2	1.75	1.50	1.75
		Air Flow Reading (inH_2O)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Air Flow Reading (scfm)	22.84	21.46	25.20	22.86	21.1	22.60	22.42	21.58	21.48	23.50	21.04
		VOC Reading (ppm)	0	0	0	0.7	0.2	0.3	0.3	0	0	0	0.1
TOTAL AIR FLOW RATE			**114**	**123**	**131**	**121**	**114**	**119**	**129**	**128**	**121**	**135**	**123**
Vacuum Monitoring Points	MP-01	Vacuum Reading (inH_2O)	1.772	1.683	1.612	1.617	1.615	1.515	1.481	1.642	1.566	1.506	1.538
	MP-02	Vacuum Reading (inH_2O)	2.098	2.016	1.968	1.973	1.960	1.865	1.829	2.001	1.918	1.930	1.870
	MP-03	Vacuum Reading (inH_2O)	2.318	2.211	2.093	2.069	2.093	2.016	1.958	2.196	2.108	2.055	2.064
Notes													

Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	11/20/2019	12/11/2019	12/13/2019	12/20/2019	1/10/2020	2/10/2020	2/24/2020	3/20/2020	4/22/2020	5/19/2020
Flow Rate (cfm)	373	378	304	297	298	294	306	301	302	300
Duration (Days)	--	21	2	7	21	31	14	25	33	27
Down Time (Days)	0	3.5	1.25	0	0	0	0	0	0	0
Run Time	--	17.5	0.75	7	21	31	14	25	33	27
Air Removed (ft^3)	0	9,462,600	368,280	3,029,040	8,996,400	13,213,440	6,048,000	10,926,000	14,327,280	11,702,880
Total VOC Concentration ($\mu g/m^3$):	31,390	31,390	31,390	31,390	31,390	31,390	740	740	740	871
Total VOC Concentration (lb/ft^3):	3.02E-05	3.02E-05	3.02E-05	3.02E-05	3.02E-05	3.02E-05	7.12E-07	7.12E-07	7.12E-07	8.39E-07
VOCs Removed (lbs):	0.00E+00	2.86E+02	1.11E+01	9.15E+01	2.72E+02	3.99E+02	4.31E+00	7.78E+00	1.02E+01	9.81E+00
Cumulative VOCs (lbs)	-	286	297	388	660	1,059	1,064	1,071	1,082	1,091

Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	6/22/2020	7/20/2020	8/24/2020	9/21/2020	10/19/2020	11/16/2020	12/15/2020	1/19/2021	3/9/2021	4/13/2021
Flow Rate (cfm)	299	298	306	284	305	308	323	320	316	314
Duration (Days)	34	28	35	28	28	28	29	35	49	35
Down Time (Days)	0	0	0	0	0	0	0	0.05	0	0
Run Time	34	28	35	28	28	28	29	34.95	49	35
Air Removed (ft^3)	14,663,520	12,055,680	15,220,800	11,894,400	11,874,240	12,418,560	13,175,280	16,180,452	22,296,960	15,876,000
Total VOC Concentration ($\mu g/m^3$):	871	871	932	932	932	648	648	648	648	648
Total VOC Concentration (lb/ft^3):	8.39E-07	8.39E-07	8.97E-07	8.97E-07	8.97E-07	6.23E-07	6.23E-07	6.23E-07	6.23E-07	6.23E-07
VOCs Removed (lbs):	1.23E+01	1.01E+01	1.37E+01	1.07E+01	1.07E+01	7.74E+00	8.21E+00	1.01E+01	1.39E+01	9.90E+00
Cumulative VOCs (lbs)	1,104	1,114	1,128	1,138	1,149	1,157	1,165	1,175	1,189	1,199

Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	5/19/2021	6/24/2021	7/26/2021	8/16/2021	9/21/2021	10/18/2021	11/16/2021	12/13/2021	1/24/2022	2/15/2022
Flow Rate (cfm)	311	303	303	303	308	310	313	315	316	314
Duration (Days)	36	36	32	21	36	27	29	27	42	22
Down Time (Days)	0	0	0	0.05	0	0	0	0.05	0	0
Run Time	36	36	32	20.95	36	27	29	26.95	42	22
Air Removed (ft^3)	16,200,000	15,914,880	13,962,240	9,140,904	15,837,120	12,052,800	13,008,240	12,185,712	19,111,680	9,979,200
Total VOC Concentration ($\mu g/m^3$):	648	648	648	465	465	465	465	465	465	465
Total VOC Concentration (lb/ft^3):	6.23E-07	6.24E-07	6.24E-07	4.47E-07	4.47E-07	4.47E-07	4.47E-07	4.47E-07	4.47E-07	4.47E-07
VOCs Removed (lbs):	1.01E+01	9.92E+00	8.71E+00	4.09E+00	7.09E+00	5.39E+00	5.82E+00	5.45E+00	8.55E+00	4.47E+00
Cumulative VOCs (lbs)	1,209	1,219	1,227	1,231	1,239	1,244	1,250	1,255	1,264	1,268

Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	3/21/2022	4/19/2022	5/16/2022	6/13/2022	7/12/2022	8/22/2022	9/20/2022	10/17/2022	11/14/2022	12/3/2022
Flow Rate (cfm)	311	310	307	308	306	305	310	303	307	309
Duration (Days)	34	29	28	28	29	41	29	27	28	19
Down Time (Days)	0	0	0	0	0	0	0	0	0	0
Run Time	34	29	28	28	29	41	29	27	28	19
Air Removed (ft^3)	15,300,000	12,966,480	12,499,200	12,398,400	12,820,320	18,036,720	12,841,200	11,916,720	12,297,600	8,426,880
Total VOC Concentration ($\mu g/m^3$):	465	465	235	235	235	235	235	235	235	235
Total VOC Concentration (lb/ft^3):	4.47E-07	4.47E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07
VOCs Removed (lbs):	6.85E+00	5.80E+00	2.83E+00	2.80E+00	2.90E+00	4.08E+00	2.90E+00	2.69E+00	2.78E+00	1.91E+00
Cumulative VOCs (lbs)	1,275	1,281	1,284	1,287	1,289	1,294	1,296	1,299	1,302	1,304

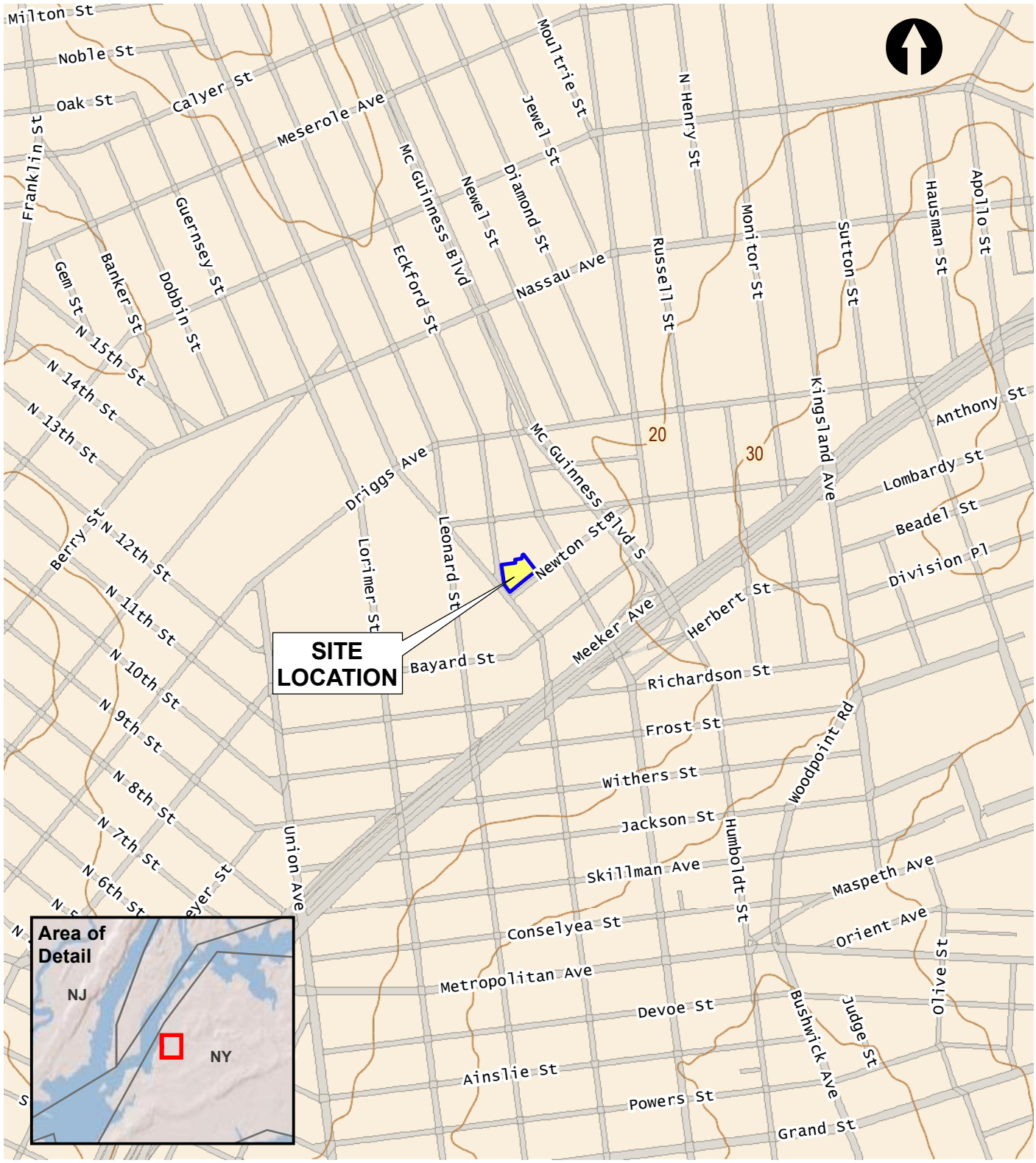
Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	1/26/2023	2/21/2023	3/22/2023	4/17/2023	5/22/2023	6/22/2023	7/21/2023	8/14/2023	9/18/2023	10/10/2023
Flow Rate (cfm)	308	305	310	304	304	304	306	306	305	307
Duration (Days)	54	26	29	26	35	31	29	24	35	22
Down Time (Days)	0	0	0	0.05	0	0	0	0	0	0
Run Time	54	26	29	25.95	35	31	29	24	35	22
Air Removed (ft^3)	23,988,960	11,475,360	12,841,200	11,471,976	15,321,600	13,570,560	12,736,800	10,575,360	15,397,200	9,694,080
Total VOC Concentration ($\mu g/m^3$):	235	235	235	235	235	235	235	235	235	235
Total VOC Concentration (lb/ft^3):	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07	2.26E-07
VOCs Removed (lbs):	5.42E+00	2.60E+00	2.90E+00	2.59E+00	3.46E+00	3.07E+00	2.88E+00	2.39E+00	3.48E+00	2.19E+00
Cumulative VOCs (lbs)	1,309	1,312	1,315	1,317	1,321	1,324	1,327	1,329	1,333	1,335

Table 3
New 470 Project
12 Eckford Street
Brooklyn, New York
SVES Mass VOC Removal Estimate: Startup through April 2024

Date	11/13/2023	12/18/2023	1/22/2024	2/26/2024	3/20/2024	4/17/2024
Flow Rate (cfm)	306	309	317	305	303	301
Duration (Days)	34	35	35	35	23	28
Down Time (Days)	0	0	0.05	0	0	0
Run Time	34	35	34.95	35	23	28
Air Removed (ft^3)	15,006,240	15,498,000	15,752,664	15,674,400	10,068,480	12,176,640
Total VOC Concentration ($\mu g/m^3$):	235	230	230	230	230	230
Total VOC Concentration (lb/ft^3):	2.26E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07
VOCs Removed (lbs):	3.39E+00	3.43E+00	3.49E+00	3.47E+00	2.23E+00	2.70E+00
Cumulative VOCs (lbs)	1,338	1,342	1,345	1,349	1,351	1,354

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program 2018

0 800 1,600

SCALE IN FEET

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New 470 Project
12 Eckford Street
Brooklyn, New York

SITE LOCATION

DATE
5/21/2021

PROJECT NO.
12306

FIGURE
1

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LEGEND

- 33 — LOT BOUNDARY AND NUMBER
- 2714 — BLOCK NUMBER
- PROJECT SITE BOUNDARY
- EXTENT OF SLAB-ON-GRADE BUILDING
- EXTENT OF PARTIAL CELLAR
- EXTENT OF OPEN AIR DOG RUN
- E — — — 0.002-INCH SLOTTED 4" Ø SCHEDULE 40 PVC PIPING WITH ENDCAP
- SOLID 4" Ø PVC PIPING
- SOLID 6" Ø CPVC PIPING
- SOLID 6" Ø GALVANIZED STEEL RISER
- PIPE SLEEVE THROUGH GRADE BEAM
- COMMUNICATION SLEEVE THROUGH FOUNDATION ELEMENT
- SOIL VAPOR EXTRACTION WELL LOCATION
- MP-1 — VAPOR MONITORING POINT LOCATION

0 15 30 60

SCALE IN FEET

Map Source:
Geoland Land Surveying P.C. "Block 2714 New Lot 33", updated 04-29-2019.

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Brooklyn, New York

SSDS AND SVES PLAN

DATE
5/21/2021

PROJECT NO.
12306

FIGURE
2

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Map Source:
Geoland Land Surveying P.C. "Block 2714 New Lot 33", updated 04-29-2019.

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New 470 Project
12 Eckford Street
Brooklyn, New York

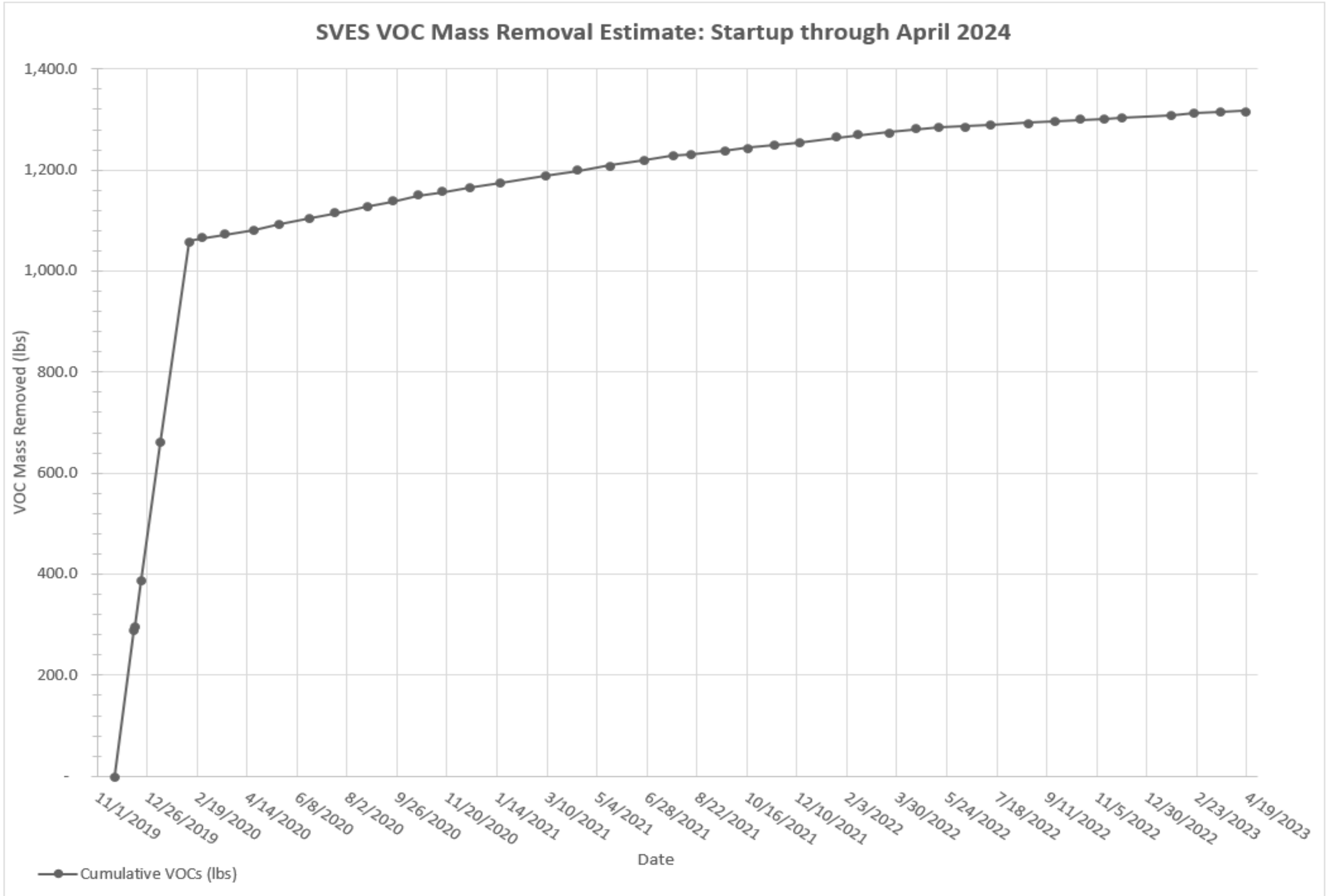
COMPOSITE COVER SYSTEM PLAN

DATE
5/21/2021

PROJECT NO.
12306

FIGURE
3

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New 470 Project
12 Eckford Street
Brooklyn, New York

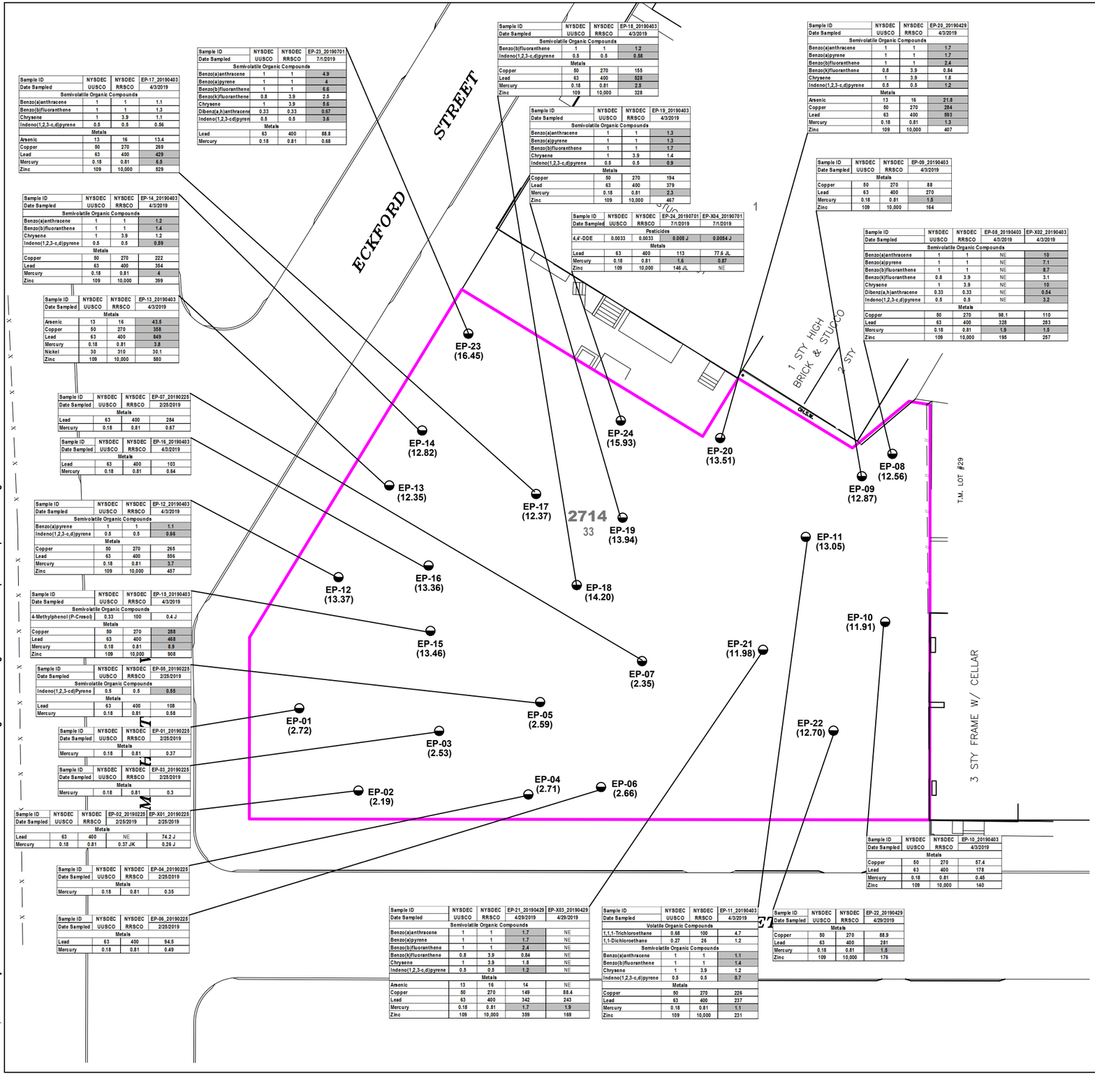
SVES VOC MASS REMOVAL ESTIMATE: STARTUP THROUGH APRIL 2024

DATE
4/17/2024

PROJECT NO.
12306

FIGURE
4

APPENDIX A
REMAINING CONTAMINATION IN SOIL, GROUNDWATER, AND SOIL VAPOR



Sample ID	NYSDEC	NYSDEC	EP-17_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	1.1
Benzo(b)fluoranthene	1	1	1.3
Chrysene	1	3.9	1.1
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.56
Metals			
Arsenic	13	16	13.4
Copper	50	270	269
Lead	63	400	429
Mercury	0.18	0.81	6.5
Zinc	109	10,000	529

Sample ID	NYSDEC	NYSDEC	EP-23_20190701
Date Sampled	UUSCO	RRSCO	7/1/2019
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	4.9
Benzo(a)pyrene	1	1	4
Benzo(b)fluoranthene	1	1	6.6
Benzo(k)fluoranthene	0.8	3.9	2.6
Chrysene	1	3.9	5.6
Dibenz(a,h)anthracene	0.33	0.33	0.67
Indeno(1,2,3-cd)pyrene	0.5	0.5	3.6
Metals			
Lead	63	400	88.8
Mercury	0.18	0.81	0.68

Sample ID	NYSDEC	NYSDEC	EP-14_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	1.2
Benzo(b)fluoranthene	1	1	1.4
Chrysene	1	3.9	1.2
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.59
Metals			
Copper	50	270	222
Lead	63	400	354
Mercury	0.18	0.81	4
Zinc	109	10,000	399

Sample ID	NYSDEC	NYSDEC	EP-13_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Metals			
Arsenic	13	16	43.5
Copper	50	270	358
Lead	63	400	849
Mercury	0.18	0.81	3.8
Nickel	30	310	30.1
Zinc	109	10,000	580

Sample ID	NYSDEC	NYSDEC	EP-07_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Metals			
Lead	63	400	284
Mercury	0.18	0.81	0.67

Sample ID	NYSDEC	NYSDEC	EP-16_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Metals			
Lead	63	400	103
Mercury	0.18	0.81	0.64

Sample ID	NYSDEC	NYSDEC	EP-12_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(a)pyrene	1	1	1.1
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.66
Metals			
Copper	50	270	265
Lead	63	400	556
Mercury	0.18	0.81	3.7
Zinc	109	10,000	457

Sample ID	NYSDEC	NYSDEC	EP-15_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
4-Methylphenol (P-Cresol)	0.33	100	0.4 J
Metals			
Copper	50	270	288
Lead	63	400	468
Mercury	0.18	0.81	8.9
Zinc	109	10,000	908

Sample ID	NYSDEC	NYSDEC	EP-05_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Semivolatile Organic Compounds			
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.55
Metals			
Lead	63	400	108
Mercury	0.18	0.81	0.58

Sample ID	NYSDEC	NYSDEC	EP-01_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Metals			
Mercury	0.18	0.81	0.37

Sample ID	NYSDEC	NYSDEC	EP-03_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Metals			
Mercury	0.18	0.81	0.3

Sample ID	NYSDEC	NYSDEC	EP-02_20190225	EP-X01_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019	2/25/2019
Metals				
Lead	63	400	NE	74.2 J
Mercury	0.18	0.81	0.37 JK	0.26 J

Sample ID	NYSDEC	NYSDEC	EP-04_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Metals			
Mercury	0.18	0.81	0.35

Sample ID	NYSDEC	NYSDEC	EP-06_20190225
Date Sampled	UUSCO	RRSCO	2/25/2019
Metals			
Lead	63	400	94.5
Mercury	0.18	0.81	0.49

Sample ID	NYSDEC	NYSDEC	EP-18_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(b)fluoranthene	1	1	1.2
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.58
Metals			
Copper	50	270	155
Lead	63	400	528
Mercury	0.18	0.81	2.5
Zinc	109	10,000	328

Sample ID	NYSDEC	NYSDEC	EP-19_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	1.3
Benzo(a)pyrene	1	1	1.3
Benzo(b)fluoranthene	1	1	1.7
Chrysene	1	3.9	1.4
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.9
Metals			
Copper	50	270	194
Lead	63	400	379
Mercury	0.18	0.81	2.3
Zinc	109	10,000	467

Sample ID	NYSDEC	NYSDEC	EP-24_20190701	EP-X04_20190701
Date Sampled	UUSCO	RRSCO	7/1/2019	7/1/2019
Pesticides				
4,4'-DDE	0.0033	0.0033	0.005 J	0.0054 J
Metals				
Lead	63	400	113	77.6 JL
Mercury	0.18	0.81	1.6	0.87
Zinc	109	10,000	146 JL	NE

Sample ID	NYSDEC	NYSDEC	EP-20_20190429
Date Sampled	UUSCO	RRSCO	4/3/2019
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	1.7
Benzo(a)pyrene	1	1	1.7
Benzo(b)fluoranthene	1	1	2.4
Benzo(k)fluoranthene	0.8	3.9	0.84
Chrysene	1	3.9	1.8
Indeno(1,2,3-c,d)pyrene	0.5	0.5	1.2
Metals			
Arsenic	13	16	21.8
Copper	50	270	284
Lead	63	400	893
Mercury	0.18	0.81	1.3
Zinc	109	10,000	407

Sample ID	NYSDEC	NYSDEC	EP-09_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Metals			
Copper	50	270	88
Lead	63	400	270
Mercury	0.18	0.81	1.5
Zinc	109	10,000	164

Sample ID	NYSDEC	NYSDEC	EP-08_20190403	EP-X02_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019	4/3/2019
Semivolatile Organic Compounds				
Benzo(a)anthracene	1	1	NE	10
Benzo(a)pyrene	1	1	NE	7.1
Benzo(b)fluoranthene	1	1	NE	8.7
Benzo(k)fluoranthene	0.8	3.9	NE	3.1
Chrysene	1	3.9	NE	10
Dibenz(a,h)anthracene	0.33	0.33	NE	0.84
Indeno(1,2,3-c,d)pyrene	0.5	0.5	NE	3.2
Metals				
Copper	50	270	98.1	110
Lead	63	400	328	283
Mercury	0.18	0.81	1.9	1.5
Zinc	109	10,000	195	257

Sample ID	NYSDEC	NYSDEC	EP-10_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Metals			
Copper	50	270	57.4
Lead	63	400	178
Mercury	0.18	0.81	0.45
Zinc	109	10,000	140

Sample ID	NYSDEC	NYSDEC	EP-21_20190429	EP-X03_20190429
Date Sampled	UUSCO	RRSCO	4/29/2019	4/29/2019
Semivolatile Organic Compounds				
Benzo(a)anthracene	1	1	1.7	NE
Benzo(a)pyrene	1	1	1.7	NE
Benzo(b)fluoranthene	1	1	2.4	NE
Benzo(k)fluoranthene	0.8	3.9	0.84	NE
Chrysene	1	3.9	1.8	NE
Indeno(1,2,3-c,d)pyrene	0.5	0.5	1.2	NE
Metals				
Arsenic	13	16	14	NE
Copper	50	270	149	88.4
Lead	63	400	342	243
Mercury	0.18	0.81	1.7	1.9
Zinc	109	10,000	359	169

Sample ID	NYSDEC	NYSDEC	EP-11_20190403
Date Sampled	UUSCO	RRSCO	4/3/2019
Volatile Organic Compounds			
1,1,1-Trichloroethane	0.68	100	4.7
1,1-Dichloroethane	0.27	26	1.2
Semivolatile Organic Compounds			
Benzo(a)anthracene	1	1	1.1
Benzo(b)fluoranthene	1	1	1.4
Chrysene	1	3.9	1.2
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.7
Metals			
Copper	50	270	226
Lead	63	400	237
Mercury	0.18	0.81	1.1
Zinc	109	10,000	231

Sample ID	NYSDEC	NYSDEC	EP-22_20190429
Date Sampled	UUSCO	RRSCO	4/29/2019
Metals			
Copper	50	270	88.9
Lead	63	400	281
Mercury	0.18	0.81	1.5
Zinc	109	10,000	176

LEGEND

- 33 — LOT BOUNDARY AND NUMBER
- 2714 — BLOCK NUMBER
- PROJECT SITE BOUNDARY
- SITE-WIDE ENDPOINT SAMPLE LOCATION
- (12.56) — SAMPLE ELEVATION IN FEET

NOTE: ELEVATIONS IN NAVD88.

Sample ID	NYSDEC	NYSDEC	EP-22_20190429
Date Sampled	UUSCO	RRSCO	4/29/2019
Metals			
Copper	50	270	88.9
Lead	63	400	281
Mercury	0.18	0.81	1.5
Zinc	109	10,000	176

Sample ID
Sample Date
Concentration
Analyte/Compound

J - The reported concentration is a value above the method detection limit, but is estimated and may be imprecise.
JL - The reported concentration is a value above the method detection limit, but is estimated low and may be imprecise.
K - The reported concentration is proportional to dilution factor and may be exaggerated.
NE - The reported concentration does not exceed the UUSCO or RRSCO.

EP-X01_20190225 is a blind duplicate of sample EP-02_20190225.
EP-X02_20190403 is a blind duplicate of sample EP-08_20190403.
EP-X03_20190429 is a blind duplicate of sample EP-22_20190429.
EP-X04_20190701 is a blind duplicate of sample EP-24_20190701.

Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in gray shading.

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

0 15 30 60
SCALE IN FEET

Map Source:
Geoland Land Surveying P.C. "Block 2714 New Lot 33", updated 04-29-2019.

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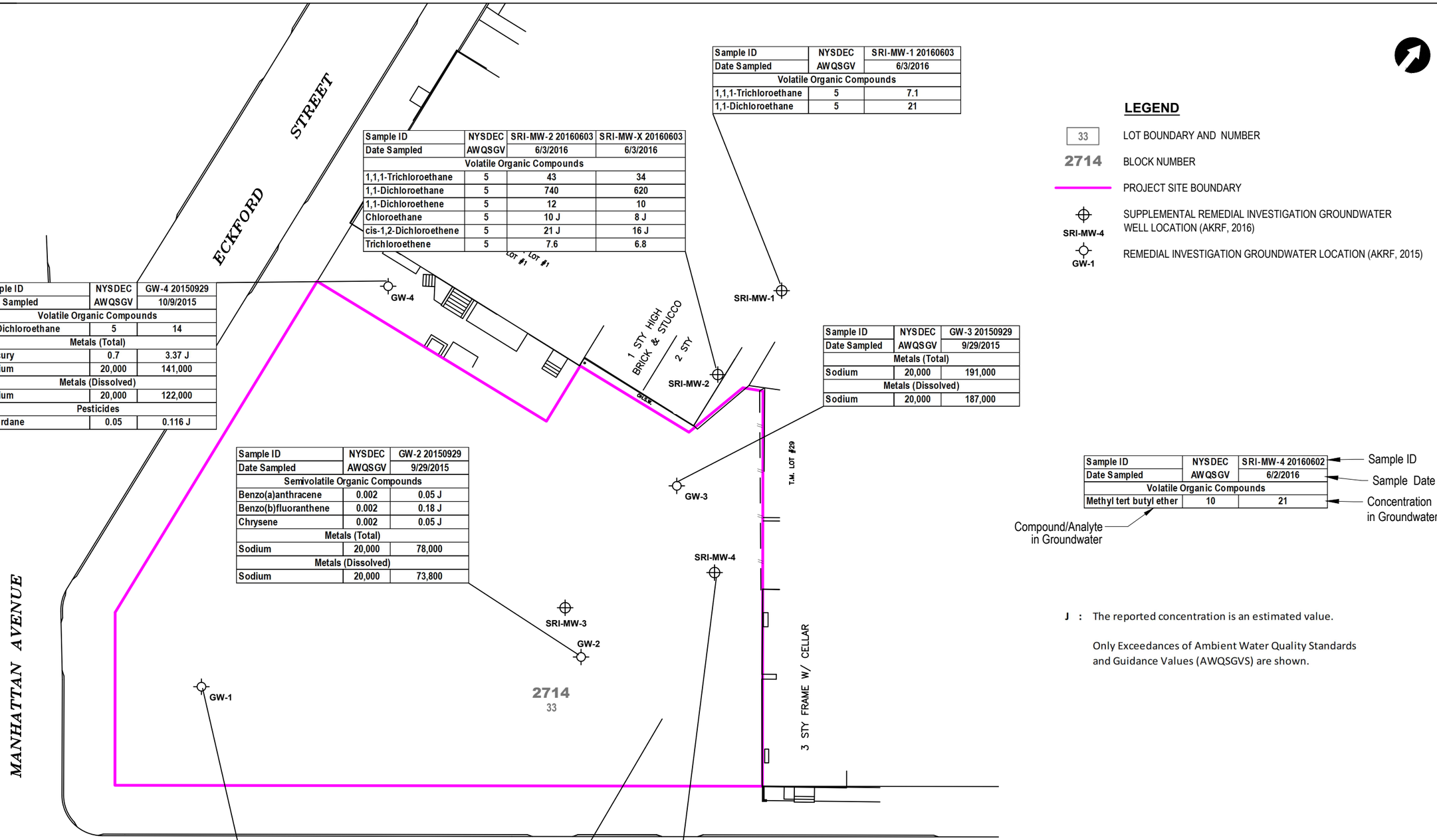
POST-EXCAVATION SITE-WIDE ENDPOINT SAMPLE CONCENTRATIONS ABOVE NYSDEC UUSCOs AND/OR RRSCOs

DATE
11/15/2019

PROJECT NO.
12306

APPENDIX
A

©2019 AKRF, Inc W:\Projects\12306 - 12 ECKFORD STREET\Technical\Hazmat\Drawings\FER\12306 Fig 10 Site-Wide Endpoint Sample Concs.dwg last save: mveilleux 11/15/2019 10:58 AM



Sample ID	NYSDEC	SRI-MW-1 20160603
Date Sampled	AWQSGV	6/3/2016
Volatile Organic Compounds		
1,1,1-Trichloroethane	5	7.1
1,1-Dichloroethane	5	21

Sample ID	NYSDEC	SRI-MW-2 20160603	SRI-MW-X 20160603
Date Sampled	AWQSGV	6/3/2016	6/3/2016
Volatile Organic Compounds			
1,1,1-Trichloroethane	5	43	34
1,1-Dichloroethane	5	740	620
1,1-Dichloroethene	5	12	10
Chloroethane	5	10 J	8 J
cis-1,2-Dichloroethene	5	21 J	16 J
Trichloroethene	5	7.6	6.8

Sample ID	NYSDEC	GW-4 20150929
Date Sampled	AWQSGV	10/9/2015
Volatile Organic Compounds		
1,1-Dichloroethane	5	14
Metals (Total)		
Mercury	0.7	3.37 J
Sodium	20,000	141,000
Metals (Dissolved)		
Sodium	20,000	122,000
Pesticides		
Chlordane	0.05	0.116 J

Sample ID	NYSDEC	GW-3 20150929
Date Sampled	AWQSGV	9/29/2015
Metals (Total)		
Sodium	20,000	191,000
Metals (Dissolved)		
Sodium	20,000	187,000

Sample ID	NYSDEC	GW-2 20150929
Date Sampled	AWQSGV	9/29/2015
Semivolatile Organic Compounds		
Benzo(a)anthracene	0.002	0.05 J
Benzo(b)fluoranthene	0.002	0.18 J
Chrysene	0.002	0.05 J
Metals (Total)		
Sodium	20,000	78,000
Metals (Dissolved)		
Sodium	20,000	73,800

Sample ID	NYSDEC	SRI-MW-4 20160602
Date Sampled	AWQSGV	6/2/2016
Volatile Organic Compounds		
Methyl tert butyl ether	10	21

Sample ID
Sample Date
Concentration in Groundwater
Compound/Analyte in Groundwater

Sample ID	NYSDEC	GW-1 20150929
Date Sampled	AWQSGV	9/29/2015
Volatile Organic Compounds		
Methyl tert butyl ether	10	20
Metals (Total)		
Lead	25	954.2
Magnesium	35,000	41,200
Nickel	100	104.1
Sodium	20,000	202,000
Metals (Dissolved)		
Magnesium	35,000	38,700
Sodium	20,000	202,000

Sample ID	NYSDEC	GW-5 20150929
Date Sampled	AWQSGV	9/29/2015
Volatile Organic Compounds		
Methyl tert butyl ether	10	48
Metals (Total)		
Sodium	20,000	146,000
Metals (Dissolved)		
Sodium	20,000	127,000

Sample ID	NYSDEC	SRI-MW-4 20160602
Date Sampled	AWQSGV	6/2/2016
Volatile Organic Compounds		
Methyl tert butyl ether	10	21

LEGEND

- 33 — LOT BOUNDARY AND NUMBER
- 2714 — BLOCK NUMBER
- PROJECT SITE BOUNDARY
- SRI-MW-4 — SUPPLEMENTAL REMEDIAL INVESTIGATION GROUNDWATER WELL LOCATION (AKRF, 2016)
- GW-1 — REMEDIAL INVESTIGATION GROUNDWATER LOCATION (AKRF, 2015)

J : The reported concentration is an estimated value.

Only Exceedances of Ambient Water Quality Standards and Guidance Values (AWQSGVS) are shown.

0 15 30 60
SCALE IN FEET

Map Source:
Geoland Land Surveying P.C. "Block 2714 New Lot 33", updated 04-29-2019.

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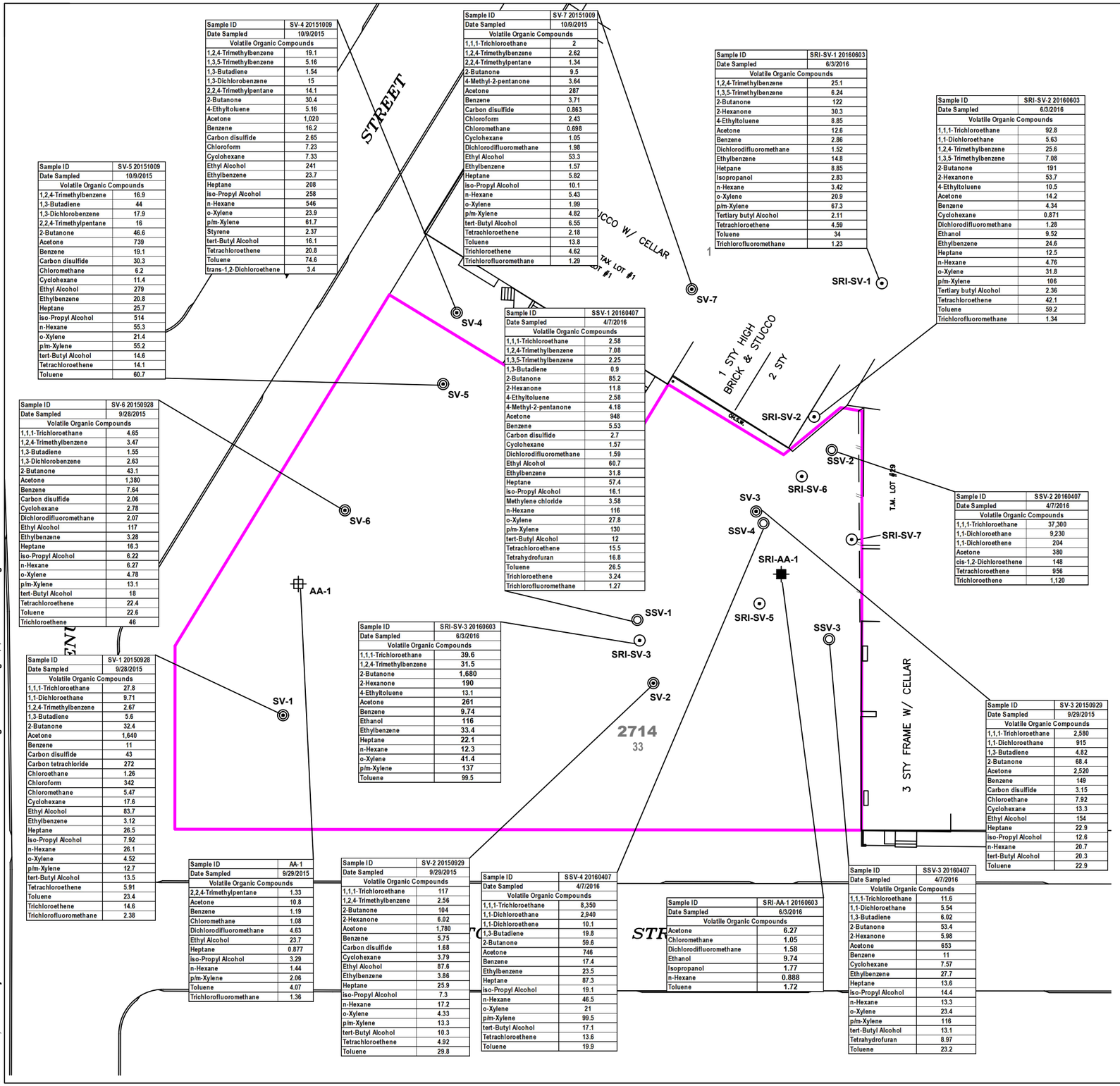
RI AND SRI GROUNDWATER SAMPLE CONCENTRATIONS ABOVE NYSDEC AWQSGVS

DATE
10/1/2019

PROJECT NO.
12306

APPENDIX
A

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Sample ID	SV-4 20151009
Date Sampled	10/9/2015
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	19.1
1,3,5-Trimethylbenzene	5.16
1,3-Butadiene	1.54
1,3-Dichlorobenzene	15
2,2,4-Trimethylpentane	14.1
2-Butanone	30.4
4-Ethyltoluene	5.16
Acetone	1,020
Benzene	16.2
Carbon disulfide	2.65
Chloroform	7.23
Cyclohexane	7.33
Ethyl Alcohol	241
Ethylbenzene	23.7
Heptane	208
iso-Propyl Alcohol	258
n-Hexane	546
o-Xylene	23.9
p/m-Xylene	61.7
Styrene	2.37
tert-Butyl Alcohol	16.1
Tetrachloroethene	20.8
Toluene	74.6
trans-1,2-Dichloroethene	3.4

Sample ID	SV-7 20151009
Date Sampled	10/9/2015
Volatile Organic Compounds	
1,1,1-Trichloroethane	2
1,2,4-Trimethylbenzene	2.62
2,2,4-Trimethylpentane	1.34
2-Butanone	9.5
4-Methyl-2-pentanone	3.64
Acetone	287
Benzene	3.71
Carbon disulfide	0.863
Chloroform	2.43
Chloromethane	0.698
Cyclohexane	1.05
Dichlorodifluoromethane	1.98
Ethyl Alcohol	53.3
Ethylbenzene	1.57
Heptane	5.82
iso-Propyl Alcohol	10.1
n-Hexane	5.43
o-Xylene	1.99
p/m-Xylene	4.82
tert-Butyl Alcohol	6.55
Tetrachloroethene	2.18
Toluene	13.8
Trichloroethene	4.62
Trichlorofluoromethane	1.29

Sample ID	SRI-SV-1 20160603
Date Sampled	6/3/2016
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	25.1
1,3,5-Trimethylbenzene	6.24
2-Butanone	122
2-Hexanone	30.3
4-Ethyltoluene	8.85
Acetone	12.6
Benzene	2.86
Dichlorodifluoromethane	1.52
Ethylbenzene	14.8
Hetpane	8.85
Isopropanol	2.83
n-Hexane	3.42
o-Xylene	20.9
p/m-Xylene	67.3
Tertiary butyl Alcohol	2.11
Tetrachloroethene	4.59
Toluene	34
Trichlorofluoromethane	1.23

Sample ID	SRI-SV-2 20160603
Date Sampled	6/3/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	92.8
1,1-Dichloroethane	5.63
1,2,4-Trimethylbenzene	25.6
1,3,5-Trimethylbenzene	7.08
2-Butanone	191
2-Hexanone	53.7
4-Ethyltoluene	10.5
Acetone	14.2
Benzene	4.34
Cyclohexane	0.871
Dichlorodifluoromethane	1.28
Ethanol	9.52
Ethylbenzene	24.6
Heptane	12.5
n-Hexane	4.76
o-Xylene	31.8
p/m-Xylene	106
Tertiary butyl Alcohol	2.36
Tetrachloroethene	42.1
Toluene	59.2
Trichlorofluoromethane	1.34

Sample ID	SV-5 20151009
Date Sampled	10/9/2015
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	16.9
1,3-Butadiene	44
1,3-Dichlorobenzene	17.9
2,2,4-Trimethylpentane	16
2-Butanone	46.6
Acetone	739
Benzene	19.1
Carbon disulfide	30.3
Chloromethane	6.2
Cyclohexane	11.4
Ethyl Alcohol	279
Ethylbenzene	20.8
Heptane	25.7
iso-Propyl Alcohol	514
n-Hexane	55.3
o-Xylene	21.4
p/m-Xylene	55.2
tert-Butyl Alcohol	14.6
Tetrachloroethene	14.1
Toluene	60.7

Sample ID	SSV-1 20160407
Date Sampled	4/7/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	2.58
1,2,4-Trimethylbenzene	7.08
1,3,5-Trimethylbenzene	2.25
1,3-Butadiene	0.9
2-Butanone	85.2
2-Hexanone	11.8
4-Ethyltoluene	2.58
4-Methyl-2-pentanone	4.18
Acetone	948
Benzene	5.53
Carbon disulfide	2.7
Cyclohexane	1.57
Dichlorodifluoromethane	1.59
Ethyl Alcohol	60.7
Ethylbenzene	31.8
Heptane	57.4
iso-Propyl Alcohol	16.1
Methylene chloride	3.58
n-Hexane	116
o-Xylene	27.8
p/m-Xylene	130
tert-Butyl Alcohol	12
Tetrachloroethene	15.5
Tetrahydrofuran	16.8
Toluene	26.5
Trichloroethene	3.24
Trichlorofluoromethane	1.27

Sample ID	SSV-2 20160407
Date Sampled	4/7/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	37,300
1,1-Dichloroethane	9,230
1,1-Dichloroethene	204
Acetone	380
cis-1,2-Dichloroethene	148
Tetrachloroethene	956
Trichloroethene	1,120

Sample ID	SV-6 20150928
Date Sampled	9/28/2015
Volatile Organic Compounds	
1,1,1-Trichloroethane	4.65
1,2,4-Trimethylbenzene	3.47
1,3-Butadiene	1.55
1,3-Dichlorobenzene	2.63
2-Butanone	43.1
Acetone	1,380
Benzene	7.64
Carbon disulfide	2.06
Cyclohexane	2.78
Dichlorodifluoromethane	2.07
Ethyl Alcohol	117
Ethylbenzene	3.28
Heptane	16.3
iso-Propyl Alcohol	6.22
n-Hexane	6.27
o-Xylene	4.78
p/m-Xylene	13.1
tert-Butyl Alcohol	18
Tetrachloroethene	22.4
Toluene	22.6
Trichloroethene	46

Sample ID	SRI-SV-3 20160603
Date Sampled	6/3/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	39.6
1,2,4-Trimethylbenzene	31.5
2-Butanone	1,680
2-Hexanone	190
4-Ethyltoluene	13.1
Acetone	261
Benzene	9.74
Ethanol	116
Ethylbenzene	33.4
Heptane	22.1
n-Hexane	12.3
o-Xylene	41.4
p/m-Xylene	137
Toluene	99.5

Sample ID	SV-3 20150929
Date Sampled	9/29/2015
Volatile Organic Compounds	
1,1,1-Trichloroethane	2,580
1,1-Dichloroethane	915
1,3-Butadiene	4.82
2-Butanone	68.4
Acetone	2,520
Benzene	149
Carbon disulfide	3.15
Chloroethane	7.92
Cyclohexane	13.3
Ethyl Alcohol	154
Heptane	22.9
iso-Propyl Alcohol	12.6
n-Hexane	20.7
tert-Butyl Alcohol	20.3
Toluene	22.9

Sample ID	SV-1 20150928
Date Sampled	9/28/2015
Volatile Organic Compounds	
1,1,1-Trichloroethane	27.8
1,1-Dichloroethane	9.71
1,2,4-Trimethylbenzene	2.67
1,3-Butadiene	5.6
2-Butanone	32.4
Acetone	1,640
Benzene	11
Carbon disulfide	43
Carbon tetrachloride	272
Chloroethane	1.26
Chloroform	342
Chloromethane	5.47
Cyclohexane	17.6
Ethyl Alcohol	83.7
Ethylbenzene	3.12
Heptane	26.5
iso-Propyl Alcohol	7.92
n-Hexane	26.1
o-Xylene	4.52
p/m-Xylene	12.7
tert-Butyl Alcohol	13.5
Tetrachloroethene	5.91
Toluene	23.4
Trichloroethene	14.6
Trichlorofluoromethane	2.38

Sample ID	AA-1
Date Sampled	9/29/2015
Volatile Organic Compounds	
2,2,4-Trimethylpentane	1.33
Acetone	10.8
Benzene	1.19
Chloromethane	1.08
Dichlorodifluoromethane	4.63
Ethyl Alcohol	23.7
Heptane	0.877
iso-Propyl Alcohol	3.29
n-Hexane	1.44
p/m-Xylene	2.06
Toluene	4.07
Trichlorofluoromethane	1.36

Sample ID	SV-2 20150929
Date Sampled	9/29/2015
Volatile Organic Compounds	
1,1,1-Trichloroethane	117
1,2,4-Trimethylbenzene	2.56
2-Butanone	104
2-Hexanone	6.02
Acetone	1,780
Benzene	5.75
Carbon disulfide	1.68
Cyclohexane	3.79
Ethyl Alcohol	87.6
Ethylbenzene	3.86
Heptane	25.9
iso-Propyl Alcohol	7.3
n-Hexane	17.2
o-Xylene	4.33
p/m-Xylene	13.3
tert-Butyl Alcohol	10.3
Tetrachloroethene	4.92
Toluene	29.8

Sample ID	SSV-4 20160407
Date Sampled	4/7/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	8,350
1,1-Dichloroethane	2,940
1,1-Dichloroethene	10.1
1,3-Butadiene	19.8
2-Butanone	59.6
Acetone	746
Benzene	17.4
Ethylbenzene	23.5
Heptane	87.3
iso-Propyl Alcohol	19.1
n-Hexane	46.5
o-Xylene	21
p/m-Xylene	99.5
tert-Butyl Alcohol	17.1
Tetrachloroethene	13.6
Toluene	19.9

Sample ID	SRI-AA-1 20160603
Date Sampled	6/3/2016
Volatile Organic Compounds	
Acetone	6.27
Chloromethane	1.05
Dichlorodifluoromethane	1.58
Ethanol	9.74
Isopropanol	1.77
n-Hexane	0.888
Toluene	1.72

Sample ID	SSV-3 20160407
Date Sampled	4/7/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	11.6
1,1-Dichloroethane	5.54
1,3-Butadiene	6.02
2-Butanone	53.4
2-Hexanone	5.98
Acetone	653
Benzene	11
Cyclohexane	7.57
Ethylbenzene	27.7
Heptane	13.6
iso-Propyl Alcohol	14.4
n-Hexane	13.3
o-Xylene	23.4
p/m-Xylene	116
tert-Butyl Alcohol	13.1
Tetrahydrofuran	8.97
Toluene	23.2

LEGEND

33	LOT BOUNDARY AND NUMBER
2714	BLOCK NUMBER
	PROJECT SITE BOUNDARY
SRI-SV-1	SUPPLEMENTAL REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2016)
SRI-AA-1	SUPPLEMENTAL REMEDIAL INVESTIGATION AMBIENT AIR SAMPLE LOCATION (AKRF, 2016)
SSV-1	DELINEATION SAMPLING TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2016)
SV-1	REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2015)
AA-1	REMEDIAL INVESTIGATION AMBIENT AIR SAMPLE LOCATION (AKRF, 2015)

Sample ID	SSV-2 20160407
Date Sampled	4/7/2016
Volatile Organic Compounds	
1,1,1-Trichloroethane	37,300
1,1-Dichloroethane	9,230
1,1-Dichloroethene	204
Acetone	380
cis-1,2-Dichloroethene	148
Tetrachloroethene	956
Trichloroethene	1,120

Sample ID
Sample Date
Concentration in Soil Vapor
Compound in Soil Vapor

0 15 30 60
SCALE IN FEET

Map Source:
Geoland Land Surveying P.C. "Block 2714 New Lot 33", updated 04-29-2019.

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DELINEATION SAMPLING, RI, AND SRI SOIL VAPOR SAMPLE CONCENTRATIONS

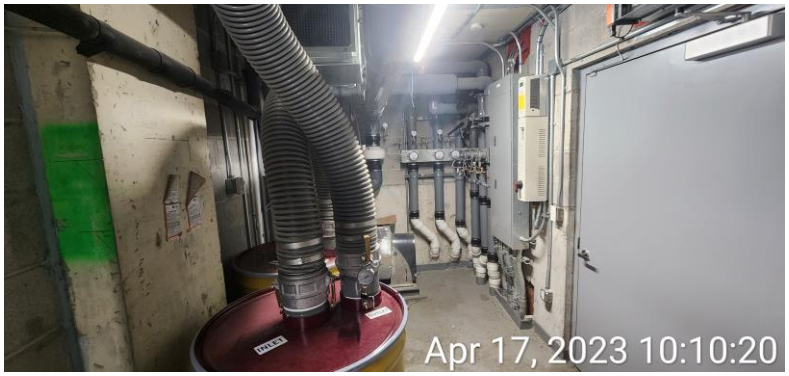
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PROJECT NO.
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APPENDIX
A

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W:\Projects\12306 - 12 ECKFORD STREET\Technical\Hazmat\Drawings\FER\12306 Figs 5,6,7 Chemboxes.dwg last save: mwelleux 10/1/2019 9:39 AM

APPENDIX B
PHOTOGRAPHIC LOG



Photograph 1: SSDS and SVES equipment room on the ground floor.



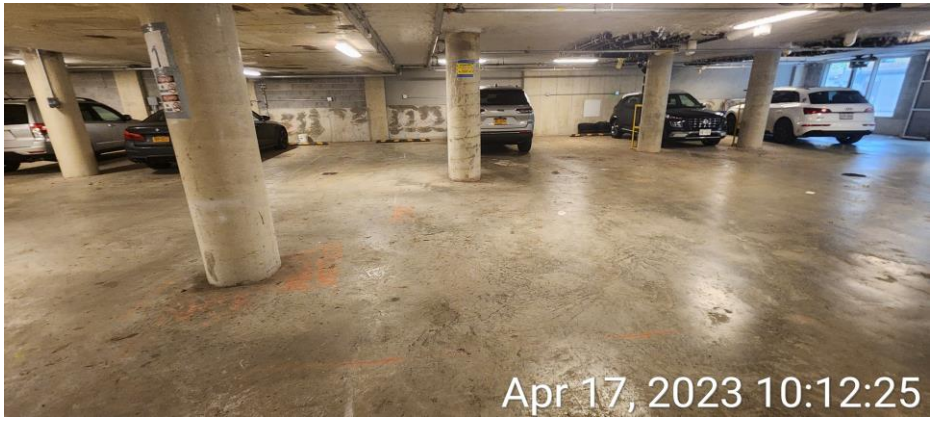
Photograph 2: SSDS and SVES exhaust stacks on the roof.



Photograph 3: SSDS fan and portions of the SSDS and SVES manifolds in the equipment room.



Photograph 4: SVES blower and equipment panel in the equipment room.



Photograph 5: Ground floor parking garage on the northeastern portion of the Site.



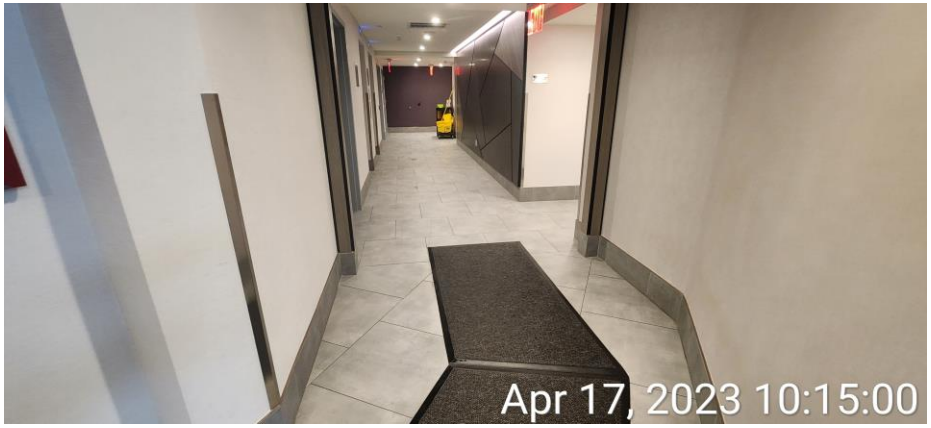
Photograph 6: Vacuum monitoring point in the parking garage.



Photograph 7: Concrete-paved dog run on the northwestern portion of the Site, facing west.



Photograph 8: Ground floor lobby on the southern portion of the Site.



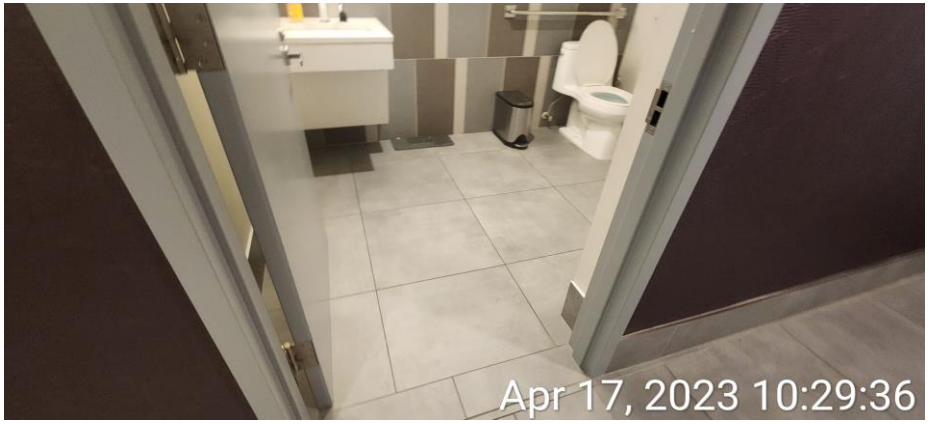
Photograph 9: Typical ground floor corridor tiles.



Photograph 10: Carpet covering the concrete floor slab in the resident lounge on the ground floor.



Photograph 11: Finishing materials in the ground floor fitness room.



Photograph 12: Typical ground floor restroom tiles.



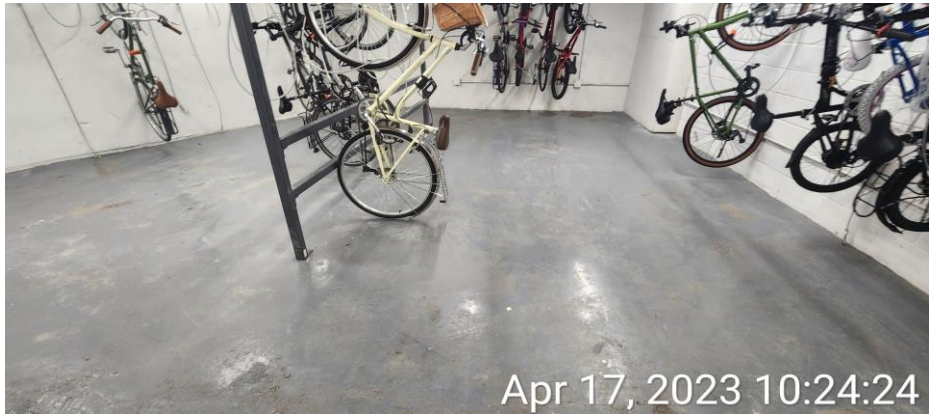
Photograph 13: Concrete slab in the trash room on the ground floor.



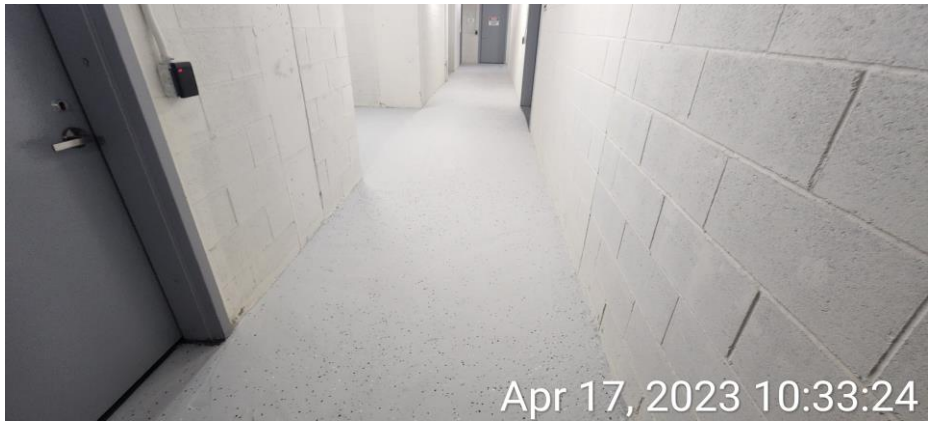
Photograph 14: Typical vacuum monitoring point in the lobby on the ground floor.



Photograph 15: Concrete slab in the trash compactor room on the ground floor.



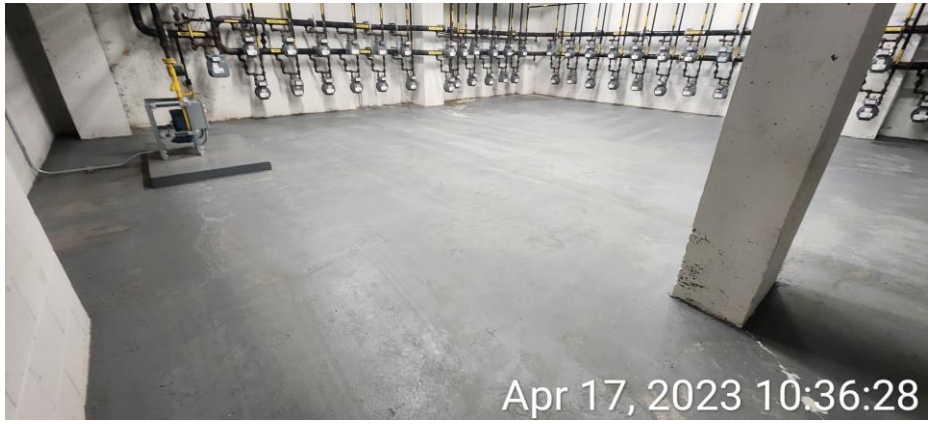
Photograph 16: Concrete slab in the bike room on the ground floor.



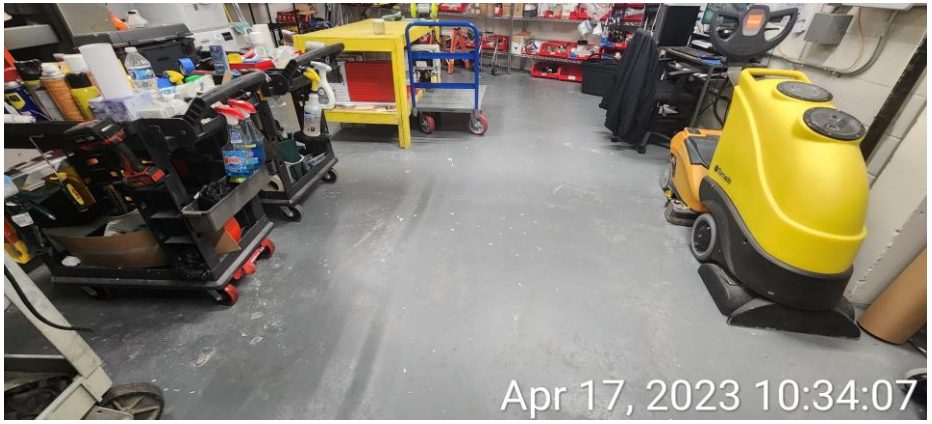
Photograph 17: Typical corridor concrete slab in the partial cellar.



Photograph 18: Typical concrete slab in the cellar-level electric meter room.



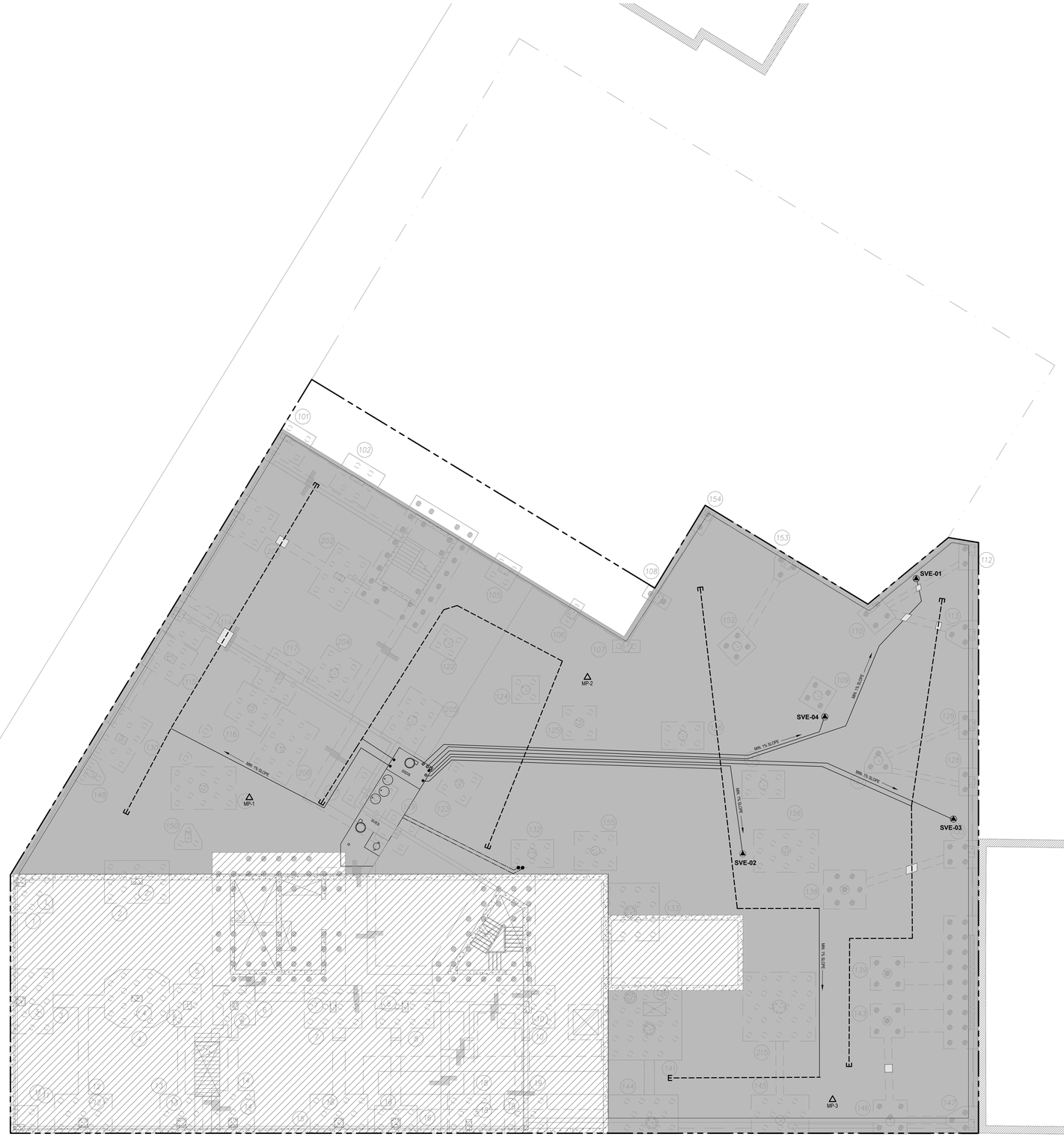
Photograph 19: Typical concrete slab in the cellar-level gas meter room.



Photograph 20: Typical concrete slab in the cellar-level superintendent workshop.

APPENDIX C

SSDS AND SOIL VAPOR EXTRACTION SYSTEM AS-BUILT DRAWINGS

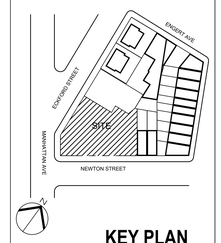


LEGEND

- PROJECT SITE BOUNDARY
- SLOTTED 4" PVC PIPE BENEATH SLAB WITH ENDCAP
- PIPE SLEEVE THROUGH GRADE BEAM
- COMMUNICATION SLEEVE THROUGH GRADE BEAM
- SSDS PENETRATION LOCATION OF 4" SUB SLAB PIPE
- SVE PENETRATION LOCATION OF 4" SUB SLAB PIPE
- MP-1 MONITORING POINT LOCATION (SEE ENV-101, DETAIL 6)
- SOLID 4" PVC PIPE BENEATH SLAB
- SOLID 6" Ø CPVC PIPING
- SOLID 6" Ø GALVANIZED STEEL RISER
- PROPOSED SOIL VAPOR EXTRACTION WELL LOCATION (SEE ENV-101, DETAIL 8)
- EXTENT OF PARTIAL CELLAR (WATERPROOFING)
- EXTENT OF SLAB-ON-GRADE CONSTRUCTION (WITH VAPOR BARRIER AND GAS-PERMEABLE AGGREGATE)

0 4 8 16
SCALE IN FEET

NOTES



KEY PLAN

Number:	Date:	Revision:
	5/25/2021	AS-BUILT
	12/11/2019	AS-BUILT
	01/18/2019	ISSUED FOR BID
	06/22/2018	ISSUED FOR 100% CD
	03/15/2018	ISSUED TO DOB
	04/20/2018	ISSUED TO DOB
	12/20/2017	ISSUED TO DOB
	04/07/2017	ISSUED FOR DOB FILING
	03/03/2017	ISSUED FOR DOB FILING
	02/17/2017	ISSUED FOR 75% CD
	02/03/2017	ISSUED FOR DOB FILING
	12/02/2016	PROGRESS SET
	09/30/2016	ISSUED FOR DOB FILING
	09/01/2016	DESIGN DEVELOPMENT SUBMISSION SET
	06/10/2016	SCHEMATIC DESIGN SUBMISSION SET

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PROJECT

12 ECKFORD ST.
AKA
470 MANHATTAN AVENUE
BROOKLYN, NY

DOB BSCAN:

DOB STAMPS & SIGNATURES:



DWG TITLE
VAPOR BARRIER, SSDS, AND SVES DETAILS

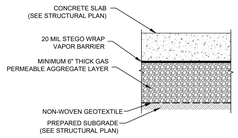
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SEAL & SIGNATURE:

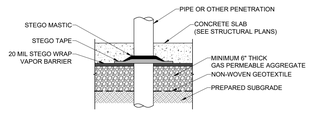
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PROJECT #: 14421
SCALE: AS NOTED
DWG NO. ENV-100

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SHEET OF 121

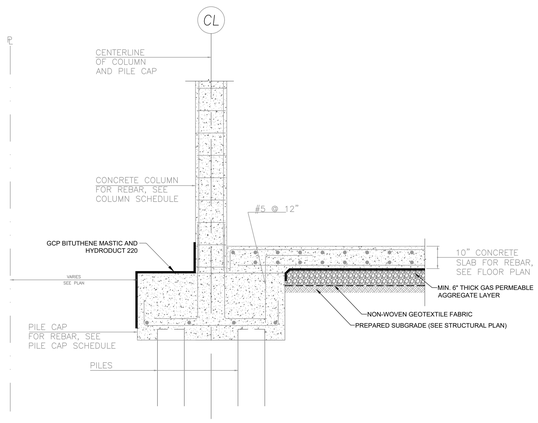
©2021 AKRF, Inc. W:\Projects\13308 - 12 ECKFORD STREET\Technical\Human\Drawings\SSDS Design\Sept 2018\13308 ENV-100 and ENV-102.dwg last save: mwilkus 02/5/2020 9:20 AM



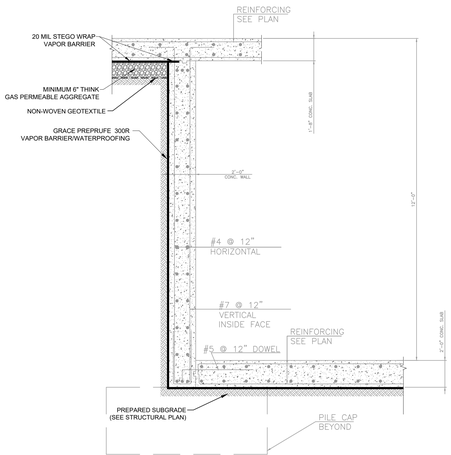
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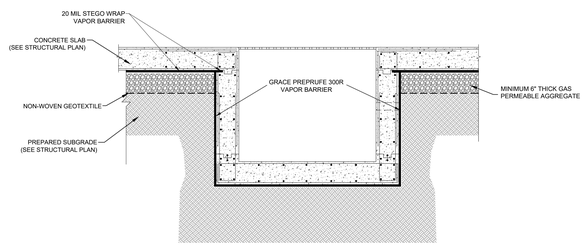
VAPOR BARRIER PENETRATION 2
N.T.S.



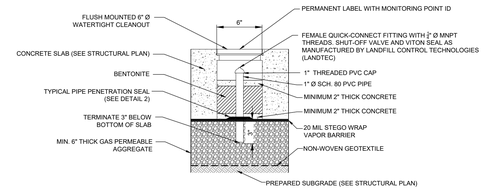
WATERPROOFING/VAPOR BARRIER DETAIL AT TYPICAL EXTERIOR WALL 3
N.T.S.



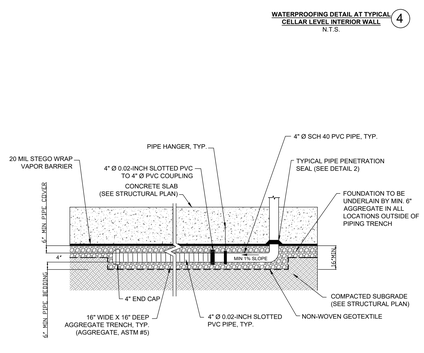
WATERPROOFING DETAIL AT TYPICAL CELLAR LEVEL INTERIOR WALL 4
N.T.S.



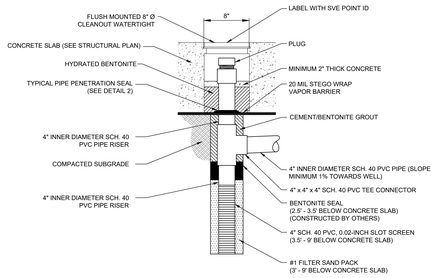
VAPOR BARRIER/WATERPROOFING DETAIL AT TYPICAL ELEVATOR / SUMP PIT / UTILITY PIT, ETC. 5
N.T.S.



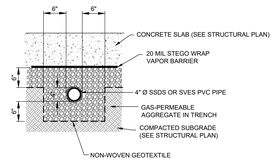
TYPICAL MONITORING POINT DETAIL 6
N.T.S.



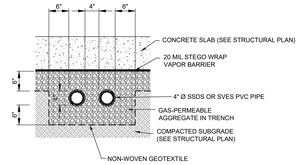
TYPICAL SSDS PIPING PROFILE 7
N.T.S.



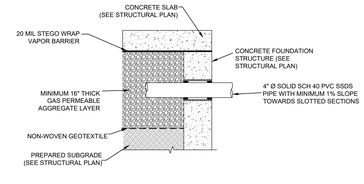
TYPICAL SVE WELL CONSTRUCTION 8
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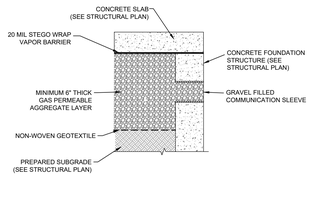
TYPICAL SSDS AND SVES PIPE TRENCH DETAIL 9
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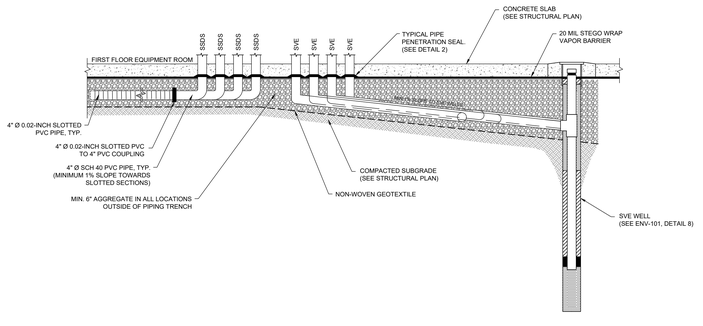
TYPICAL SSDS AND SVES PIPE TRENCH DETAIL 10
N.T.S.



TYPICAL PIPE SLEEVE THROUGH FOUNDATION ELEMENT 11
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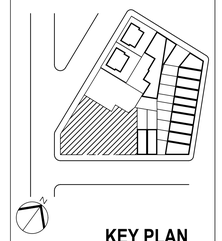


TYPICAL GRAVEL FILLED COMMUNICATION SLEEVE THROUGH FOUNDATION ELEMENT 12
N.T.S.



SSDS AND SVE PIPE PENETRATION DIAGRAM 13
N.T.S.

NOTES



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Number:	Date:	Revision:
	5/25/2021	AS-BUILT
	12/11/2019	AS-BUILT
	01/18/2019	ISSUED FOR BD
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	02/15/2018	ISSUED TO DOB
	04/20/2018	ISSUED TO DOB
	10/26/2017	ISSUED TO DOB
	04/07/2017	ISSUED FOR DOB FILING
	03/03/2017	ISSUED FOR DOB FILING
	02/17/2017	ISSUED FOR 75% CD
	02/03/2017	ISSUED FOR DOB FILING
	12/02/2016	PROGRESS SET
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	06/10/2016	SCHEMATIC DESIGN SUBMISSION SET

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PROJECT
12 ECKFORD ST.
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BROOKLYN, NY

DOB BSCAN:

DOB STAMPS & SIGNATURES:

DWG TITLE
VAPOR BARRIER, SSDS, AND SVE DETAILS

NEW BUILDING # : 320909772

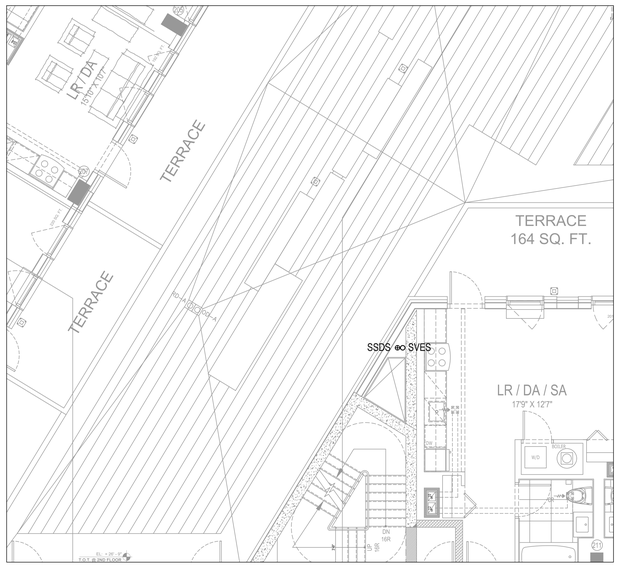
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DATE: MAY 25, 2021
PROJECT #: 14A21
SCALE: AS NOTED
DWG NO. ENV-101
CAD FILE: J:\14A21_MANHATTAN AVE
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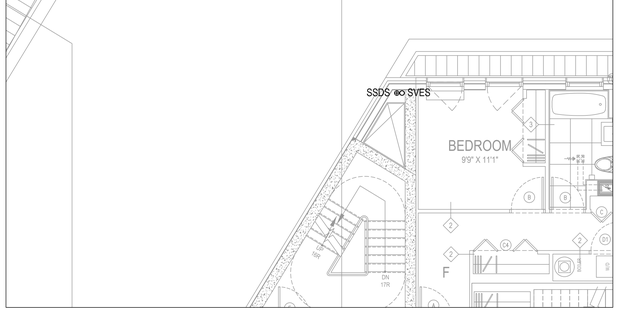
1 ENV102 FIRST FLOOR RISER LOCATION PLAN
SCALE: 1" = 5'



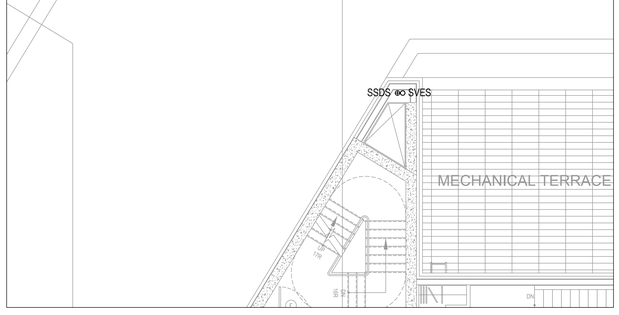
2 ENV102 SECOND FLOOR RISER LOCATION PLAN
SCALE: 1" = 5'



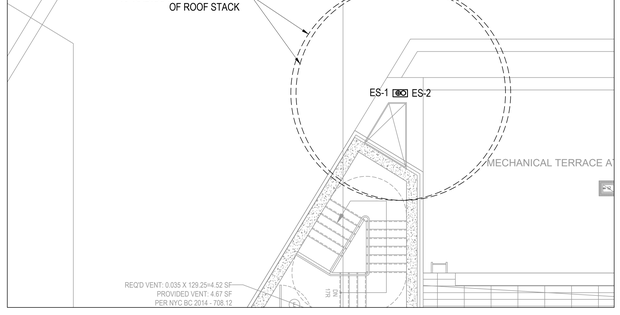
3 ENV102 THIRD - SIXTH FLOOR RISER LOCATION PLAN
SCALE: 1" = 5'



4 ENV102 SEVENTH FLOOR RISER LOCATION PLAN
SCALE: 1" = 5'



5 ENV102 EIGHTH FLOOR RISER LOCATION PLAN
SCALE: 1" = 5'

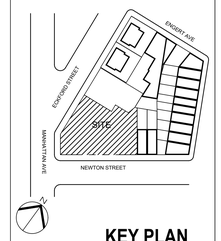


6 ENV102 ROOF RISER LOCATION PLAN
SCALE: 1" = 5'

LEGEND

ES-1 ES-2	SSDS AND SVES EXHAUST STACK
SSDS	VERTICAL SSDS RISER EXTENDS TO STACK ON 8th FLOOR ROOF (REFER TO DETAILS 1 AND 3 ON ENV-103)
SVES	VERTICAL SVE RISER EXTENDS TO STACK ON 8th FLOOR ROOF (REFER TO DETAILS 1 AND 4 ON ENV-103)

NOTES



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	05/15/2018	ISSUED TO DOB
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PROJECT
12 ECKFORD ST.
AKA
470 MANHATTAN AVENUE
BROOKLYN, NY

DOB BSCAN:

DOB STAMPS & SIGNATURES:

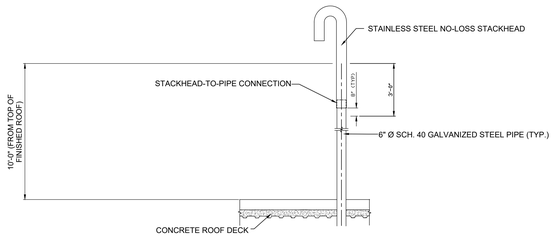
DWG TITLE
VAPOR BARRIER, SSDS, AND SVE DETAILS

NEW BUILDING # : 320909772

SEAL & SIGNATURE:

DATE: MAY 25, 2021
PROJECT #: 14421
SCALE: AS NOTED
DWG NO. ENV-102
CAD FILE: J:\14421_MANHATTAN AVE
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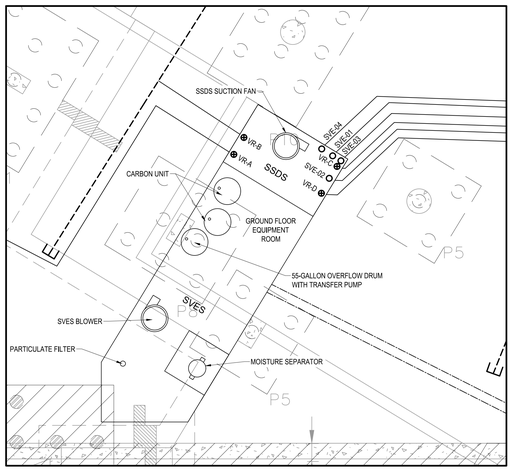
1 **SSDS/SVES EXHAUST STACK MOUNTING DETAIL**
N.T.S.

INSTRUMENT SCHEDULE

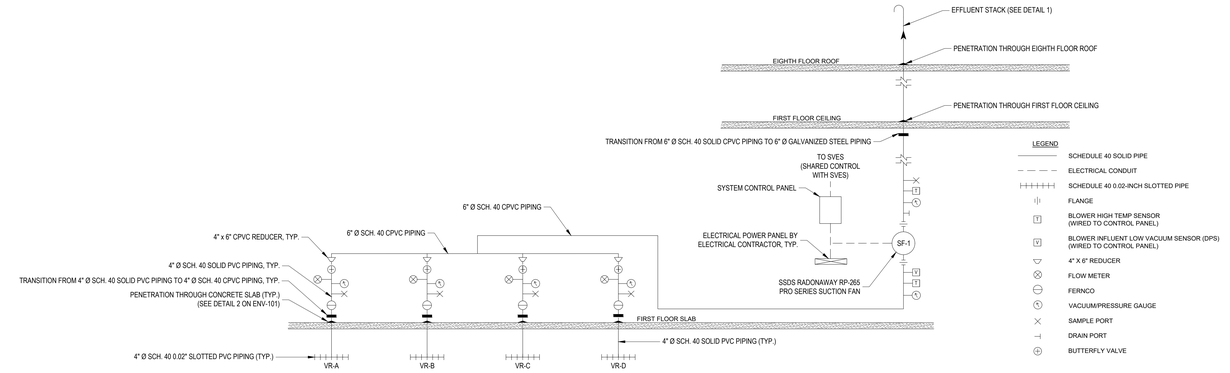
ITEM	DESCRIPTION	SERVICE	REQUIREMENTS	RANGE	REMARKS	MANUFACTURER/MODEL
MAGNEHELIC GAUGE	PRESSURE DIFFERENTIAL	SSDS/SVE	N/A	VARIOUS	FOR EACH MANIFOLD LEG AND RISER	DWYER INSTRUMENT INC SERIES 2010 (SSDS) 2050 (SVE)
DPS	DIFFERENTIAL PRESSURE SWITCH	AIS - SSDS/SVE	N/A	0.4-1.6 IN H_2O	CONNECT TO AIS FOR BLOWER ASSEMBLIES	DWYER INSTRUMENT INC SERIES 1900, MODEL 1910-10
CONTROL PANEL	SUCTION FANS	SSDS/SVE	60HZ, 1 PHASE, 115 VOLTS	N/A	FOR BLOWERS	PANEL TO INCLUDE LOCAL ALARMS AND VFD FOR EACH BLOWER
FLOW METER ASSEMBLY	FLOW	SSDS/SVE	60HZ, 1 PHASE, 115 VOLTS	N/A	FOR EACH MANIFOLD LEG	DWYER DIFFERENTIAL PRESSURE GAUGE (2000-0) AND PITOT TUBE ASSESMBLY (DS-300-4 OR DS-300-2)
CARBON VESSEL 1	VAPOR TREATMENT	SVE	N/A	MAX. PRESSURE LOSS	CONNECTED IN SERIES	TETRASOLV VR-400
CARBON VESSEL 2	VAPOR TREATMENT	SVE	N/A	MAX. PRESSURE LOSS	CONNECTED IN SERIES	TETRASOLV VR-400

FAN SCHEDULE

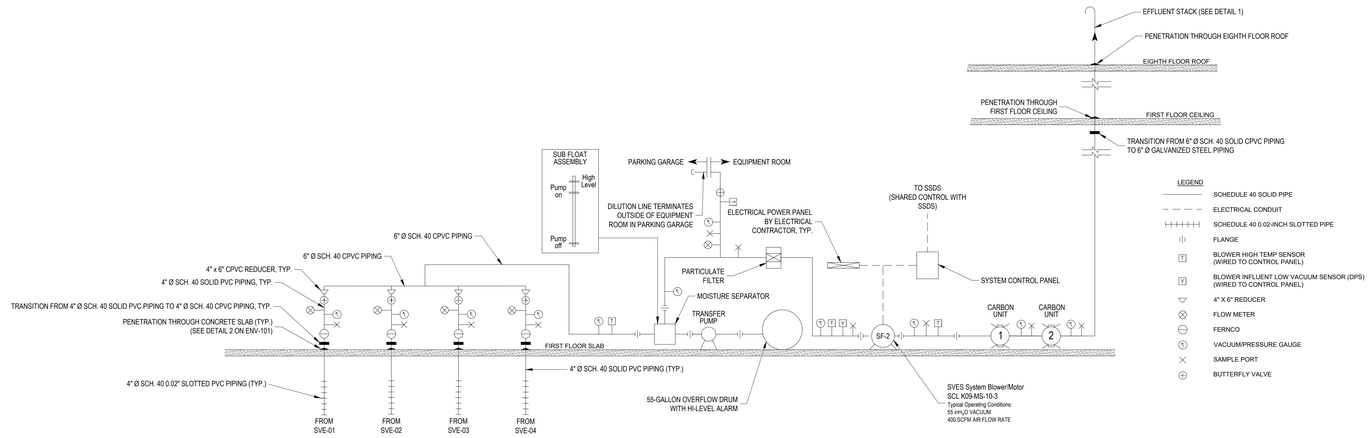
UNIT NO.	AREAS SERVICED	SERVICE	LOCATION	CFM	VAC (INCHES H_2O)	PERFORMANCE REQUIREMENTS	MANUFACTURER/MODEL
SF-1	SUB-SLAB GRAVEL AREA	SSDS	FIRST FLOOR EQUIPMENT ROOM	70-375	2.3	95-139 WATTS	RP- 265 PRO SERIES
SF-2	NORTHEAST AND EASTERN SITE	SVES	FIRST FLOOR EQUIPMENT ROOM	400	55	60 HZ, 3-PHASE, 230 OR 400 VOLTS	SCL - K09-MS- 10-3



2 **FIRST FLOOR MECHANICAL ROOM LAYOUT**
N.T.S.

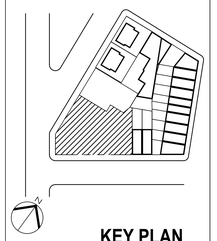


3 **SSDS PROCESS AND INSTRUMENT DIAGRAM**
N.T.S.



4 **SVES PROCESS AND INSTRUMENT DIAGRAM**
N.T.S.

NOTES



KEY PLAN

Number:	Date:	Revision:
	5/25/2021	AS-BUILT
	12/11/2019	AS-BUILT
	01/18/2019	ISSUED FOR BID
	06/22/2018	ISSUED FOR 100% CD
	05/15/2018	ISSUED TO DOB
	04/20/2018	ISSUED TO DOB
	10/20/2017	ISSUED TO DOB
	04/07/2017	ISSUED FOR DOB FILING
	03/03/2017	ISSUED FOR DOB FILING
	02/17/2017	ISSUED FOR 75% CD
	02/03/2017	ISSUED FOR DOB FILING
	12/02/2016	PROGRESS SET
	09/30/2016	ISSUED FOR DOB FILING
	09/01/2016	DESIGN DEVELOPMENT SUBMISSION SET
	06/10/2016	SCHEMATIC DESIGN SUBMISSION SET

Client

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CANY
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VERTICAL TRANSPORTATION CONSULTANT
OTIS ELEVATOR
65 FAIRCHILD AVENUE
Plainview, NY 11803
Tel: 516 576 5974 Fax: xxx xxx xxxx

PROJECT
12 ECKFORD ST.
AKA
470 MANHATTAN AVENUE
BROOKLYN, NY

DOB BSCAN:

DOB STAMPS & SIGNATURES:



DWG TITLE
SUB-SLAB VAPOR BARRIER, SSDS, AND SVE DETAILS

NEW BUILDING # : 320909772

SEAL & SIGNATURE:

DATE: MAY 25, 2021
PROJECT #: 14A21
SCALE: AS NOTED
DWG NO. ENV-103
CAD FILE: J:\14A21_MANHATTAN AVE
SHEET OF 121

©2021 AKRF, Inc W:\Projects\13306 - 12 ECKFORD STREET\Technical\Name\Drawings\SSDS Design\Sept 2018\13306 ENV-101 and ENV-103.dwg last save: mwilcox 5/25/2021 9:18 AM

APPENDIX D
SITE-WIDE AND COMPOSITE COVER SYSTEM INSPECTION LOG

Site Management Form – Site-Wide Inspection Form
New 470 Project (BCP Site No. C224242)
12 Eckford Street, Brooklyn, New York

Inspector: Marco Balletta

Date: 03/20/2024

1. Site Use Restrictions

On-site in-ground vegetable gardens: **NO**

Groundwater withdrawal for potable/non-potable use: **NO**

Restricted residential use maintained: **YES**

2. Site Cap

Note the date that the annual site cap inspection was performed. **03/20/2024**

Repairs made as noted during inspection? **N/A**

3. Soil Management

Note the date(s) of any soil disturbance activities conducted during the past year.
N/A
Proper soil management procedures implemented (cite appropriate close-out reports)?
N/A

4. Recordkeeping

Check that the following records/reports are being maintained/completed (note report/log dates as appropriate):

1) O&M Logs for SSDS/SVES: **YES - From December 2019 to March 2024**

2) Close-out report(s) for soil disturbance activities (including manifests for soil disposal): **YES**

5. Comments
NONE

APPENDIX E

VAPOR EXTRACTION SYSTEM VAPOR SAMPLING, SHUTDOWN, MONITORING, AND MAINTENANCE LOGS

Soil Vapor Extraction System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual Conditions on Arrival	Restart Successful?	Description of Problem(s)
4/17/2023	9:01 to 9:02	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
4/17/2023	9:11 to 9:38	Manual Shutdown	No	Yes	Main power was manually turned off for inspection of the equipment panel.
5/22/2023	11:13 to 11:14	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
6/22/2023	10:03 to 10:04	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.

Sub-Slab Depressurization System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual conditions on arrival	Restart successful?	Description of persistent problem(s)
4/17/2023	7:45-7:50	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
5/22/2023	8:37 to 9:10	Manual Shutdown	No	Yes	Manually shut down to drain 7.5 gallons of condensate and install new SSDS blower low vacuum alarm.
5/22/2023	13:09 to 13:15	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
6/22/2023	9:01 to 9:02	Manual Shutdown	No	Yes	Manually shut down to drain condensate. No condensate present.
6/22/2023	9:01 to 9:02	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 4/17/2023
Time In: 7:30 AM	**Time Out:** 11:00 AM

GENERAL

Weather:	Rain	Exterior Temperature:	54-70 °F	Barometric Pressure:	29.6 inHg	Equipment Room Temperature:	58 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 4/15/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 9:01 AM. The alarm was cleared at 9:02 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Any evidence of system tampering, vandalism or damage? No

If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and please note findings:

Any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	4	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	122	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	127	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	63	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	85	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	19	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 4/17/2023
Time In: 7:30 AM	**Time Out:** 11:00 AM

GENERAL

Weather:	Rain	Exterior Temperature:	54-70 °F	Barometric Pressure:	29.6 inHg	Equipment Room Temperature:	58 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 4/15/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 7:45, the SSDS fan was manually turned off to check for the presence of condensate.12 gallons of condensate were drained into a 55-gallon drum for future off-site disposal. No color, odor, sheen, sediment,or PID readings were detected.

Is control panel communicating remotely? No, a new low pressure switch is needed. The parts were ordered and will be installed when received.

Any evidence of system tampering, vandalism or damage? No
If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and please note findings.

Any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.2	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.8	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	33	Y
SSDS-B VOC	VI-104	PPM	record result	0.1	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	21	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.8	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0.1	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	68	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	max 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	72	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.538	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.870	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.064	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 5/22/2023
Time In: 8:15 AM	**Time Out:** 12:00 PM

GENERAL

Weather:	Sunny	Exterior Temperature:	65-75 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	56 °F
Equipment Room PID Reading:	0.0 ppm						

When was the last rain event? 5/20/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 11:13 AM. The alarm was cleared at 11:14 AM.

If no, ALERT PROJECT MANAGER.

Is control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Any evidence of system tampering, vandalism or damage? No

If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and please note findings:

Any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	4	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	122	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	127	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	65	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	86	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.75	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	N
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	N
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	20	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 5/22/2023
Time In: 8:15 AM	**Time Out:** 12:00 PM

GENERAL

Weather:	Sunny	Exterior Temperature:	65-75 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	56 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 5/20/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 8:37, the SSDS fan was manually turned off to check for the presence of condensate. 7.5 gallons of condensate were drained into a 55-gallon drum for future off-site disposal. No color, odor, sheen, sediment,or PID readings were detected.

Is control panel communicating remotely? The remote communication was repaired and was being transmitted properly at the end of the inspection.

Any evidence of system tampering, vandalism or damage? No
If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and please note findings.

Any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2.0	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	32	Y
SSDS-B VOC	VI-104	PPM	record result	0.1	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	21	Y
SSDS-C VOC	VI-102	PPM	record result	0.0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.8	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0.0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	68	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	max 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	71	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.636	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.994	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.190	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 6/22/2023
Time In: 8:45 AM	**Time Out:** 10:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	61-70 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	60 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 6/16/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 10:03 AM. The alarm was cleared at 10:03 AM.

If no, ALERT PROJECT MANAGER.

Is control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Any evidence of system tampering, vandalism or damage? No

If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and please note findings:

Any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	4	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	122	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	127	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	68	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	19	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	88	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	24	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 6/22/2023
Time In: 8:45 AM	**Time Out:** 10:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	61-70 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	60 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 6/16/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? No
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 9:01, the SSDS fan was manually turned off to check for the presence of condensate. No condensate was present.

Is control panel communicating remotely? Yes

Any evidence of system tampering, vandalism or damage? No
If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and please note findings.

Any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.1	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	32	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	21	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	2.0	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	70	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	max 9.5	1.8	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	74	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.582	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.932	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.115	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Shutdown Tracking Log					
New 470 Project, 12 Eckford Street, Brooklyn, New York					
Date	**Time**	**Message**	**Unusual Conditions on Arrival**	**Restart Successful?**	**Reason or Problem(s)**
7/21/2023	9:25 to 9:26	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
8/14/2023	10:23 to 10:25	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
9/18/2023	10:59 to 11:00	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.

Sub-Slab Depressurization System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual conditions on arrival	Restart successful?	Description of persistent problem(s)
7/21/2023	9:23 to 9:24	Manual Shutdown	No	Yes	Manually shut down to drain condensate. No condensate present.
7/21/2023	9:23 to 9:24	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
8/14/2023	9:59 to 10:01	Manual Shutdown	No	Yes	Manually shut down to drain condensate. No condensate present.
8/14/2023	9:59 to 10:01	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
9/18/2023	10:59 to 11:00	Manual Shutdown	No	Yes	Manually shut down to drain 0.75 gallons of condensate.
9/18/2023	10:59 to 11:00	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 7/21/2023
Time In: 9:15 AM	**Time Out:** 10:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	77-82 °F	Barometric Pressure:	29.8 inHg	Equipment Room Temperature:	78 °F	Equipment Room PID Reading:	0 ppm

When was the last rain event? 7/19/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 09:25 AM. The alarm was cleared at 09:26 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	4	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	124	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	127	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	75	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	95	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	20	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 7/21/2023
Time In: 9:15 AM	**Time Out:** 10:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	77-82 °F	Barometric Pressure:	29.8 inHg	Equipment Room Temperature:	78 °F	Equipment Room PID Reading:	0 ppm

When was the last rain event? 7/19/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? No
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 9:23, the SSDS fan was manually turned off to check for the presence of condensate. No condensate was present.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.2	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	29	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.8	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	22	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.8	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	75	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	80	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vacuum Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.712	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-2.056	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.254	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 8/14/2023
Time In: 9:45 AM	**Time Out:** 11:15 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	81-88 °F	Barometric Pressure:	30.0 inHg	Equipment Room Temperature:	78 °F	Equipment Room PID Reading:	0 ppm

When was the last rain event? 8/12/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 10:23 AM. The alarm was cleared at 10:25 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	121	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	130	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	75	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	96	Y
GAC Influent VOC	PI-201	PPM	record result	0.1	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	19	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 8/14/2023
Time In: 9:45 AM	**Time Out:** 11:15 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	81-88 °F	Barometric Pressure:	30.0 inHg	Equipment Room Temperature:	78 °F
Equipment Room PID Reading:	0.0 ppm						

When was the last rain event? 8/12/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? No
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 9:59, the SSDS fan was manually turned off to check for the presence of condensate. No condensate was present.

Is control panel communicating remotely? Yes

Any evidence of system tampering, vandalism or damage? No
If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and please note findings.

Any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	48	Y
SSDS-A VOC	VI-103	PPM	record result	0.3	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	32	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	21	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.8	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	80	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	82	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vacuum Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.645	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.990	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.160	Y

Comments: None

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 9/18/2023
Time In: 10:45 AM	**Time Out:** 12:15 PM

GENERAL

Weather:	Rain	Exterior Temperature:	68-70 °F	Barometric Pressure:	29.9 inHg	Equipment Room Temperature:	75 °F	Equipment Room PID Reading:	0 ppm

When was the last rain event? 9/17/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 10:59 AM. The alarm was cleared at 11:00 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and please note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	122	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	128	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	74	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	94	Y
GAC Influent VOC	PI-201	PPM	record result	0.2	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	21	Y

Comments: None

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 9/18/2023
Time In: 10:45 AM	**Time Out:** 12:15 PM

GENERAL

Weather:	Rain	Exterior Temperature:	68-70 °F	Barometric Pressure:	29.9 inHg	Equipment Room Temperature:	75 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 9/17/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? No
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 10:59, the SSDS fan was manually turned off to check for the presence of condensate. 0.75 gallons were drained.

Is control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and please note findings:

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and please note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	38	Y
SSDS-A VOC	VI-103	PPM	record result	0.4	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	25	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.8	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	21	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	2.0	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	20	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	75	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	max 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	76	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vacuum Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.762	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.999	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.314	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Shutdown Tracking Log					
New 470 Project, 12 Eckford Street, Brooklyn, New York					
Date	**Time**	**Message**	**Unusual Conditions on Arrival**	**Restart Successful?**	**Reason or Problem(s)**
10/10/2023	09:52 to 09:56	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
11/13/2023	13:32 to 13:34	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
12/18/2023	8:00 to 8:45	Manual Shutdown	No	Yes	Carbon vessels were rotated in series.
12/18/2023	8:53 to 8:55	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.

Sub-Slab Depressurization System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual conditions on arrival	Restart successful?	Description of persistent problem(s)
10/10/2023	09:52 to 09:56	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
10/10/2023	09:52 to 09:56	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
11/13/2023	13:32 to 13:34	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
11/13/2023	13:32 to 13:34	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
12/18/2023	8:00 to 8:15	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
12/18/2023	8:52 to 8:55	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 10/10/2023
Time In: 9:45 AM	**Time Out:** 11:30 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	57-64 °F	Barometric Pressure:	29.9 inHg	Equipment Room Temperature:	60 °F	Equipment Room PID Reading:	0.1 ppm

When was the last rain event? 10/7/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 09:52 AM. The alarm was cleared at 09:56 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	124	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	128	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	70	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	90	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	19	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 10/10/2023
Time In: 9:45 AM	**Time Out:** 11:30 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	57-64 °F	Barometric Pressure:	29.9 inHg	Equipment Room Temperature:	60 °F	Equipment Room PID Reading:	0.1 ppm

When was the last rain event? 10/7/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes

If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 9:52, the SSDS fan was turned off and12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	45	Y
SSDS-A VOC	VI-103	PPM	record result	0.2	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	33	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.8	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	20	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.8	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	21	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	73	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.8	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	78	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.6	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.9	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.1	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 11/13/2023
Time In: 1:00 PM	**Time Out:** 3:30 PM

GENERAL

Weather:	Sunny	Exterior Temperature:	23-48 °F	Barometric Pressure:	30.3 inHg	Equipment Room Temperature:	56 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 11/7/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 1:32 PM. The alarm was cleared at 1:34 PM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon
This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	12	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	120	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	131	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	64	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	10	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	84	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	19	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 11/13/2023
Time In: 1:00 PM	**Time Out:** 3:30 PM

GENERAL

Weather:	Sunny	Exterior Temperature:	23-48 °F	Barometric Pressure:	30.3 inHg	Equipment Room Temperature:	56 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 11/7/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes

If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 1:32PM, the SSDS fan was turned off and12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	50	Y
SSDS-A VOC	VI-103	PPM	record result	0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.5	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	39	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	20	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.5	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	18	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	68	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	73	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.4	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.9	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.0	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 12/18/2023
Time In: 8:00 AM	**Time Out:** 11:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	56-61 °F	Barometric Pressure:	29.1 inHg	Equipment Room Temperature:	50 °F	Equipment Room PID Reading:	0 ppm

When was the last rain event? 12/17/2023

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 8:23 AM. The alarm was cleared at 8:55 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	12	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	33	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	123	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	4	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	130	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	59	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	80	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	2	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	19	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 12/18/2023
Time In: 8:00 AM	**Time Out:** 11:45 AM

GENERAL

Weather:	Rain	Exterior Temperature:	56-61 °F	Barometric Pressure:	29.1 inHg	Equipment Room Temperature:	50 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 12/17/2023

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes

If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

At 8:52AM, the SSDS fan was turned off and12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	46	Y
SSDS-A VOC	VI-103	PPM	record result	0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	2	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	29	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	22	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	2	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	17	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	65	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.2	Y
Effluent Temperature	TI-102	°F	record result	70	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.7	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-2.0	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.2	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Vapor Sampling Log 12 Eckford Street, Brooklyn, New York						
Inspector Name:	Marco Balletta			**Date:**	12/18/2023	
Time In:	8:00AM			**Time Out:**	11:45AM	
Location	**Start Time**	**Start Vacuum/Pressure**	**End Time**	**End Vacuum/Pressure**	**PID (ppm)**	**Sample ID**
SVE Carbon Influent	8:55	3	9:05	3	0	SVES-INF-08_20231218
SVE Carbon Intermediate	9:15	2	9:25	2	0	SVES-INT-08_20231218
SVE Carbon Effluent	9:35	1	9:45	1	0	SVES-EFF-08_20231218
Comments:	Periodic sampling event.					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Mark Godick	AKRF Project Director	914-922-2356 (office)
		917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (direct)
		610-405-2847 (cell)
Ron Walker	Owner's Representative	646-388-8216 (office)

Soil Vapor Extraction System Shutdown Tracking Log					
New 470 Project, 12 Eckford Street, Brooklyn, New York					
Date	**Time**	**Message**	**Unusual Conditions on Arrival**	**Restart Successful?**	**Reason or Problem(s)**
1/22/2024	10:32 to 10:33	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.
2/26/2024	9:19 to 10:07	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication and to replace the air filter of the SVE blower.
3/20/2024	10:06 to 10:08	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.

Sub-Slab Depressurization System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual conditions on arrival	Restart successful?	Description of persistent problem(s)
1/22/2024	9:05 to 9:06	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
1/22/2024	9:05 to 9:06	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
2/26/2024	9:19 to 10:07	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
2/26/2024	9:19 to 10:07	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.
3/20/2024	10:08 to 10:09	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
3/20/2024	10:08 to 10:09	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 1/22/2024
Time In: 8:00 AM	**Time Out:** 11:00 AM

GENERAL

Weather:	Sunny	Exterior Temperature:	25-36 °F	Barometric Pressure:	30.6 inHg	Equipment Room Temperature:	38 °F	Equipment Room PID Reading:	0.1 ppm

When was the last rain event? 1/19/2024

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 10:32 AM. The alarm was cleared at 10:33 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	13	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	33	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	127	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	5	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	133	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	12	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	24	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	50	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	11	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	70	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	369	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 1/22/2024
Time In: 8:00 AM	**Time Out:** 11:00 AM

GENERAL

Weather:	Sunny	Exterior Temperature:	25-36 °F	Barometric Pressure:	30.6 inHg	Equipment Room Temperature:	38 °F	Equipment Room PID Reading:	0.1 ppm

When was the last rain event? 1/19/2024

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 9:05, the SSDS fan was turned off and 12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.5	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	37	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	16	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.5	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	16	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	60	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.5	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.126	Y
Effluent Temperature	TI-102	°F	record result	62	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.5	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.8	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-1.9	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 2/26/2024
Time In: 8:30 AM	**Time Out:** 11:55 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	34-54 °F	Barometric Pressure:	30.1 inHg	Equipment Room Temperature:	46 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 2/23/2024

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 09:19 AM. The alarm was cleared at 10:07 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	12	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	33	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	122	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	5	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	126	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	10	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	24	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	54	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	10	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	75	Y
GAC Influent VOC	PI-201	PPM	record result	0.1	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	380	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 2/26/2024
Time In: 8:30 AM	**Time Out:** 11:55 AM

GENERAL

Weather:	Cloudy	Exterior Temperature:	34-54 °F	Barometric Pressure:	30.1 inHg	Equipment Room Temperature:	46 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 2/23/2024

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 9:19, the SSDS fan was turned off and 12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.3	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.5	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	37	Y
SSDS-B VOC	VI-104	PPM	record result	0.2	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	16	Y
SSDS-C VOC	VI-102	PPM	record result	0.2	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.5	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	16	Y
SSDS-D VOC	VI-101	PPM	record result	0.2	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	60	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.3	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.135	Y
Effluent Temperature	TI-102	°F	record result	65	N/A
Effluent VOC	PI-101	PPM	record result	0.3	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.4	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.7	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-1.9	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 3/20/2024
Time In: 9:15 AM	**Time Out:** 12:30 PM

GENERAL

Weather:	Cloudy	Exterior Temperature:	50-55 °F	Barometric Pressure:	29.7 inHg	Equipment Room Temperature:	46 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 3/17/2024

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 10:08 AM. The alarm was cleared at 10:09 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	12	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	33	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	121	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	5	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	126	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	10	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	55	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	10	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	58	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	313	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 3/20/2024
Time In: 9:15 AM	**Time Out:** 12:30 PM

GENERAL

Weather:	Cloudy	Exterior Temperature:	50-55 °F	Barometric Pressure:	29.7 inHg	Equipment Room Temperature:	46 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 3/17/2024

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes
If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 10:08AM, the SSDS fan was turned off and 12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.8	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	37	Y
SSDS-B VOC	VI-104	PPM	record result	0.0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	16	Y
SSDS-C VOC	VI-102	PPM	record result	0.0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.5	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	16	Y
SSDS-D VOC	VI-101	PPM	record result	0.0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	64	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.3	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.157	Y
Effluent Temperature	TI-102	°F	record result	66	N/A
Effluent VOC	PI-101	PPM	record result	0.0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.5	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.8	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.0	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Soil Vapor Extraction System Shutdown Tracking Log					
New 470 Project, 12 Eckford Street, Brooklyn, New York					
Date	**Time**	**Message**	**Unusual Conditions on Arrival**	**Restart Successful?**	**Reason or Problem(s)**
4/17/2024	7:58 to 7:59	Manual Shutdown	No	Yes	Manually triggered moisture separator alarm to confirm remote communication.

Sub-Slab Depressurization System
Shutdown Tracking Log

New 470 Project, 12 Eckford Street, Brooklyn, New York

Date	Time	Message	Unusual conditions on arrival	Restart successful?	Description of persistent problem(s)
4/17/2024	7:59 to 8:11	Manual Shutdown	No	Yes	Manually triggered SSDS blower low vacuum alarm to confirm remote communication.
4/17/2024	7:59 to 8:11	Manual Shutdown	No	Yes	Manually shut down to drain 12 gallons of condensate.

Soil Vapor Extraction System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 4/17/2024
Time In: 7:30 AM	**Time Out:** 9:15 AM

GENERAL

Weather:	Sun and Clouds	Exterior Temperature:	54-61 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	56 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 4/14/2024

Is the blower currently operating? Yes

If no, ALERT PROJECT MANAGER and fill out the shut down log.

What is the VFD setting (Hz reading on VFD panel)? 40 Hz

If under 20 Hz, ALERT PROJECT MANAGER.

Is there any condensate in knockout tank? No

If yes, document amount of condensate and ALERT PROJECT MANAGER.

Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.

Is the condensate knockout tank high-high float sensor working (unscrew float alarm assembly and manually trigger alarm, clear alarm on control panel afterwards)? Yes. The "Moisture Separator High Level Alarm" was maually triggered at 7:58 AM. The alarm was cleared at 7:59 AM.

If no, ALERT PROJECT MANAGER.

Is the control panel communicating remotely (confirm PM received moisture tank test alarm)? Yes

Is there any evidence of system tampering, vandalism, or damage? No

If yes, ALERT PROJECT MANAGER and note findings:

Are the control panel and all gauges clean, legible, and operational? Yes

If no, ALERT PROJECT MANAGER and note findings:

Is there any evidence of alterations, damage, and/or loose piping along aboveground piping and system equipment room? No

If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation:

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

This SVES Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Soil Vapor Extraction System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SVES-01					
SVES-01 Vacuum	FE-202	inH_2O	2-20	12	Y
SVES-01 Air Flow Rate	FI-202	SCFM	15-80	32	Y
SVES-02					
SVES-02 Vacuum	FI-204	inH_2O	2-20	5	Y
SVES-02 Air Flow Rate	FE-204	SCFM	80-160	121	Y
SVES-03					
SVES-03 Vacuum	FI-201	inH_2O	2-20	5	Y
SVES-03 Air Flow Rate	FE-201	SCFM	80-160	125	Y
SVES-04					
SVES-04 Vacuum	FI-203	inH_2O	2-20	10	Y
SVES-04 Air Flow Rate	FI-203	SCFM	15-80	23	Y
Pre-Blower					
Pre-Blower Temperature	T-201	°F	< 100	60	Y
Pre-Dilution Inlet Vacuum	VI-205	inH_2O	record result	10	N/A
Dilution Line Air Flow Rate	FI-205	SCFM	record result	0	N/A
Post-Filter Vacuum	VI-207	inH_2O	10-25	18	Y
Post-Blower					
GAC Influent Pressure	PI-201	inH_2O	1-10	3	Y
GAC Influent Temperature	TI-204	°F	< 125	82	Y
GAC Influent VOC	PI-201	PPM	record result	0	N/A
GAC Intermediate Pressure	PI-202	inH_2O	1-10	1.5	Y
GAC Intermediate VOC	PI-202	PPM	< GAC Influent VOC	0	Y
GAC Effluent Pressure	PI-203	inH_2O	1-10	1	Y
GAC Effluent VOC	PI-203	PPM	< GAC Intermediate VOC	0	Y
Discharge Flow Rate?	PI-203	inH_2O scfm	> 10	320	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

Sub-Slab Depressurization System Inspection
New 470 Project, 12 Eckford Street, Brooklyn, New York

Inspector Name: Marco Balletta	**Date:** 4/17/2024
Time In: 7:30 AM	**Time Out: 9**:15 AM

GENERAL

Weather:	Sun and Clound	Exterior Temperature:	54-61 °F	Barometric Pressure:	30.2 inHg	Equipment Room Temperature:	56 °F	Equipment Room PID Reading:	0.0 ppm

When was the last rain event? 4/14/2024

Is the SSDS fan currently operating? Yes
If no, ALERT PROJECT MANAGER and fill out the shut down log.

Is there any condensate in the piping? Yes

If yes, document amount of condensate and ALERT PROJECT MANAGER.
Then, drain condensate manually. Note PID readings, odor, sheen, clarity, sediment, etc.
At 7:59, the SSDS fan was turned off and 12 gallons of condensate were drained and containerized. No PID readings, sediment, etc. were noted.

Is the control panel communicating remotely? Yes

Is there any evidence of system tampering, vandalism, or damage? No
If yes, ALERT PROJECT MANAGER and note findings.

Are the control panel and all gauges clean, legible, and operational? Yes
If no, ALERT PROJECT MANAGER and note findings.

Is there any evidence of alterations, damage, and/or loose piping along aboveground pipe runs and system equipment room? No
If yes, ALERT PROJECT MANAGER and please note findings below and on a figure and with photographic documentation.

Notes: PID - Photoionization Detector; ppm - parts per million; NA - Not applicable
This SSDS Inspection Log should be completed along with the sampling log for each sampling event.

Emergency Contact Information

Name	Title	Contact Number
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

New 470 Project - Sub-Slab Depressurization System O&M CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE RANGE					
Parameter	**Field ID**	**Unit**	**Acceptable Range**	**Value**	**Within Acceptable Range?**
Individual Legs					
SSDS-A					
SSDS-A Vacuum	VI-103	inH_2O	1-4	1	Y
SSDS-A Air Flow Rate	FI-103	SCFM	25-50	47	Y
SSDS-A VOC	VI-103	PPM	record result	0.0	N/A
SSDS-B					
SSDS-B Vacuum	VI-104	inH_2O	1-4	1.8	Y
SSDS-B Air Flow Rate	FI-104	SCFM	25-50	33	Y
SSDS-B VOC	VI-104	PPM	record result	0	N/A
SSDS-C					
SSDS-C Vacuum	VI-102	inH_2O	1-4	1.5	Y
SSDS-C Air Flow Rate	FI-102	SCFM	15-30	16	Y
SSDS-C VOC	VI-102	PPM	record result	0	N/A
SSDS-D					
SSDS-D Vacuum	VI-101	inH_2O	1-4	1.5	Y
SSDS-D Air Flow Rate	FI-101	SCFM	15-30	16	Y
SSDS-D VOC	VI-101	PPM	record result	0	N/A
Pre-Suction Fan					
Pre-Suction Fan Temperature	T-101	°F	record result	68	N/A
Pre-Suction Fan Vacuum	VI-105	inH_2O	< 9.5	1.3	Y
Post-Suction Fan					
Effluent Pressure	PI-101	inH_2O	< 5	0.159	Y
Effluent Temperature	TI-102	°F	record result	70	N/A
Effluent VOC	PI-101	PPM	record result	0	N/A
Vapor Monitoring Points					
VMP-01 Vacuum	VMP-01	inH_2O	> 0.004	-1.5	Y
VMP-02 Vacuum	VMP-02	inH_2O	> 0.004	-1.8	Y
VMP-03 Vacuum	VMP-03	inH_2O	> 0.004	-2.0	Y
Comments: None					

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office), 917-991-4030 (cell)
Amy Jordan	AKRF Project Manager	646-388-9864 (office), 610-405-2847 (cell)
Ron Walker	Owner's Representative	631-234-1600 (office)

APPENDIX F

LABORATORY ANALYTICAL REPORT, DUSR, AND DAR-1 ANALYSIS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Amy Jordan
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 12/21/2023 11:57 AM

JOB DESCRIPTION

New 470 Project; #12306

JOB NUMBER

200-71332-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Eurofins Burlington

Job Notes

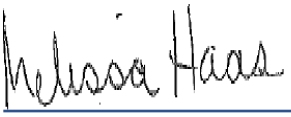
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Compliance Statement

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

Authorization



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Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
203 308-0880

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Definitions/Glossary

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

CASE NARRATIVE

Client: AKRF Inc

Project: New 470 Project; #12306

Report Number: 200-71332-1

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

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

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

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

RECEIPT
The samples were received on 12/19/2023 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

VOLATILE ORGANICS (AMBIENT AIR)
Samples SVES-INF-08_20231218 (200-71332-1), SVES-INT-08_20231218 (200-71332-2) and SVES-EFF-08_20231218 (200-71332-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 12/20/2023.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Project/Site: New 470 Project; #12306

Job ID: 200-71332-1

Client Sample ID: SVES-INF-08_20231218 — Lab Sample ID: 200-71332-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.93	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	2.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	2.0		0.14	0.10	ug/m3	1		TO-15	Total/NA
Acetone	17		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	72		12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.5		1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	2.4		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	31		0.81	0.10	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	6.8		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	2.1		0.98	0.20	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	5.2	J	15	3.8	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	14		1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.56	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.35		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.49	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	3.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	2.1		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	8.7		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.8	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	0.81	J	0.92	0.43	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.5		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	21		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	10		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	1.7		0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.1		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.8		0.87	0.27	ug/m3	1		TO-15	Total/NA
Styrene	1.8		0.85	0.25	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.36	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.41	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.44	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.4		0.98	0.39	ug/m3	1		TO-15	Total/NA

Client Sample ID: SVES-INT-08_20231218 — Lab Sample ID: 200-71332-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.0	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	3.8		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.96	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	3.4		1.5	0.41	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	1.8		0.14	0.10	ug/m3	1		TO-15	Total/NA
Acetone	18		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	65		12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	3.9		1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.7		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	1.2	J	1.8	0.39	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVES-INT-08_20231218 (Continued)
Lab Sample ID: 200-71332-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	20		0.81	0.10	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	4.5		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	1.5		0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	8.2		1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.49	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.24		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.66	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.6		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.8		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.6		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.3	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	0.83	J	0.92	0.43	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.0		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	22		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.1		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	1.1		0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.8		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	2.1		0.87	0.27	ug/m3	1		TO-15	Total/NA
Styrene	1.6		0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.54	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.38	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.47	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.48	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.7		0.98	0.39	ug/m3	1		TO-15	Total/NA

Client Sample ID: SVES-EFF-08_20231218
Lab Sample ID: 200-71332-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.97	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	4.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	1.9		0.14	0.10	ug/m3	1		TO-15	Total/NA
Acetone	17		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	58		12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	3.5		1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	2.2		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	1.0	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	27		0.81	0.10	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.5		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	1.8		0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	8.3		1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.50	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.22		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.48	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.6		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.7		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.0		0.19	0.13	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.3	J	2.0	0.57	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	0.90	J	0.92	0.43	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVES-EFF-08_20231218 (Continued)
Lab Sample ID: 200-71332-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.2		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	24		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.9		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	1.1		0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.1		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	2.5		0.87	0.27	ug/m3	1		TO-15	Total/NA
Styrene	1.9		0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.57	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.48	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.65	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.65	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.5		0.98	0.39	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVES-INF-08_20231218
Lab Sample ID: 200-71332-1

Date Collected: 12/18/23 09:05
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			12/20/23 17:23	1
Chlorodifluoromethane	**0.93**	**J**	1.8	0.42	ug/m3			12/20/23 17:23	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/20/23 17:23	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/20/23 17:23	1
n-Butane	**2.1**		1.2	0.48	ug/m3			12/20/23 17:23	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/20/23 17:23	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/20/23 17:23	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/20/23 17:23	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/20/23 17:23	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/20/23 17:23	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			12/20/23 17:23	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			12/20/23 17:23	1
1,1-Dichloroethene	**2.0**		0.14	0.10	ug/m3			12/20/23 17:23	1
Acetone	**17**		12	3.8	ug/m3			12/20/23 17:23	1
Isopropyl alcohol	**72**		12	3.9	ug/m3			12/20/23 17:23	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/20/23 17:23	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/20/23 17:23	1
Methylene Chloride	**4.5**		1.7	0.63	ug/m3			12/20/23 17:23	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/20/23 17:23	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/20/23 17:23	1
trans-1,2-Dichloroethene	**2.4**		0.79	0.091	ug/m3			12/20/23 17:23	1
n-Hexane	**1.1**	**J**	1.8	0.39	ug/m3			12/20/23 17:23	1
1,1-Dichloroethane	**31**		0.81	0.10	ug/m3			12/20/23 17:23	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			12/20/23 17:23	1
cis-1,2-Dichloroethene	**6.8**		0.20	0.083	ug/m3			12/20/23 17:23	1
Chloroform	**2.1**		0.98	0.20	ug/m3			12/20/23 17:23	1
Tetrahydrofuran	**5.2**	**J**	15	3.8	ug/m3			12/20/23 17:23	1
1,1,1-Trichloroethane	**14**		1.1	0.24	ug/m3			12/20/23 17:23	1
Cyclohexane	**0.56**	**J**	0.69	0.20	ug/m3			12/20/23 17:23	1
Carbon tetrachloride	**0.35**		0.22	0.14	ug/m3			12/20/23 17:23	1
2,2,4-Trimethylpentane	**0.49**	**J**	0.93	0.18	ug/m3			12/20/23 17:23	1
Benzene	**3.0**		0.64	0.14	ug/m3			12/20/23 17:23	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/20/23 17:23	1
n-Heptane	**2.1**		0.82	0.23	ug/m3			12/20/23 17:23	1
Trichloroethene	**8.7**		0.19	0.13	ug/m3			12/20/23 17:23	1
Methyl methacrylate	**1.8**	**J**	2.0	0.57	ug/m3			12/20/23 17:23	1
1,2-Dichloropropane	**0.81**	**J**	0.92	0.43	ug/m3			12/20/23 17:23	1
1,4-Dioxane	18	U	18	0.30	ug/m3			12/20/23 17:23	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/20/23 17:23	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/20/23 17:23	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.5**		2.0	0.53	ug/m3			12/20/23 17:23	1
Toluene	**21**		0.75	0.23	ug/m3			12/20/23 17:23	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/20/23 17:23	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/20/23 17:23	1
Tetrachloroethene	**10**		1.4	0.14	ug/m3			12/20/23 17:23	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/20/23 17:23	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/20/23 17:23	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/20/23 17:23	1

Client Sample ID: SVES-INF-08_20231218
Lab Sample ID: 200-71332-1

Date Collected: 12/18/23 09:05
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**1.7**		0.92	0.20	ug/m3			12/20/23 17:23	1
Ethylbenzene	**1.7**		0.87	0.30	ug/m3			12/20/23 17:23	1
m,p-Xylene	**4.1**		2.2	0.41	ug/m3			12/20/23 17:23	1
o-Xylene	**1.8**		0.87	0.27	ug/m3			12/20/23 17:23	1
Styrene	**1.8**		0.85	0.25	ug/m3			12/20/23 17:23	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/20/23 17:23	1
Cumene	0.98	U	0.98	0.20	ug/m3			12/20/23 17:23	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/20/23 17:23	1
n-Propylbenzene	**0.36**	**J**	0.98	0.23	ug/m3			12/20/23 17:23	1
4-Ethyltoluene	**0.41**	**J**	0.98	0.24	ug/m3			12/20/23 17:23	1
1,3,5-Trimethylbenzene	**0.44**	**J**	0.98	0.23	ug/m3			12/20/23 17:23	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/20/23 17:23	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/20/23 17:23	1
1,2,4-Trimethylbenzene	**1.4**		0.98	0.39	ug/m3			12/20/23 17:23	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/20/23 17:23	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/20/23 17:23	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/20/23 17:23	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/20/23 17:23	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/20/23 17:23	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/20/23 17:23	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/20/23 17:23	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/20/23 17:23	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/20/23 17:23	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/20/23 17:23	1

Client Sample ID: SVES-INT-08_20231218
Lab Sample ID: 200-71332-2

Date Collected: 12/18/23 09:25
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			12/20/23 18:15	1
Chlorodifluoromethane	**1.0**	**J**	1.8	0.42	ug/m3			12/20/23 18:15	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/20/23 18:15	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/20/23 18:15	1
n-Butane	**3.8**		1.2	0.48	ug/m3			12/20/23 18:15	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/20/23 18:15	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/20/23 18:15	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/20/23 18:15	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/20/23 18:15	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/20/23 18:15	1
Trichlorofluoromethane	**0.96**	**J**	1.1	0.28	ug/m3			12/20/23 18:15	1
1,1,2-Trichlorotrifluoroethane	**3.4**		1.5	0.41	ug/m3			12/20/23 18:15	1
1,1-Dichloroethene	**1.8**		0.14	0.10	ug/m3			12/20/23 18:15	1
Acetone	**18**		12	3.8	ug/m3			12/20/23 18:15	1
Isopropyl alcohol	**65**		12	3.9	ug/m3			12/20/23 18:15	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/20/23 18:15	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/20/23 18:15	1

Client Sample ID: SVES-INT-08_20231218
Lab Sample ID: 200-71332-2

Date Collected: 12/18/23 09:25
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**3.9**		1.7	0.63	ug/m3			12/20/23 18:15	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/20/23 18:15	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/20/23 18:15	1
trans-1,2-Dichloroethene	**1.7**		0.79	0.091	ug/m3			12/20/23 18:15	1
n-Hexane	**1.2**	**J**	1.8	0.39	ug/m3			12/20/23 18:15	1
1,1-Dichloroethane	**20**		0.81	0.10	ug/m3			12/20/23 18:15	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			12/20/23 18:15	1
cis-1,2-Dichloroethene	**4.5**		0.20	0.083	ug/m3			12/20/23 18:15	1
Chloroform	**1.5**		0.98	0.20	ug/m3			12/20/23 18:15	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/20/23 18:15	1
1,1,1-Trichloroethane	**8.2**		1.1	0.24	ug/m3			12/20/23 18:15	1
Cyclohexane	**0.49**	**J**	0.69	0.20	ug/m3			12/20/23 18:15	1
Carbon tetrachloride	**0.24**		0.22	0.14	ug/m3			12/20/23 18:15	1
2,2,4-Trimethylpentane	**0.66**	**J**	0.93	0.18	ug/m3			12/20/23 18:15	1
Benzene	**2.6**		0.64	0.14	ug/m3			12/20/23 18:15	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/20/23 18:15	1
n-Heptane	**1.8**		0.82	0.23	ug/m3			12/20/23 18:15	1
Trichloroethene	**1.6**		0.19	0.13	ug/m3			12/20/23 18:15	1
Methyl methacrylate	**1.3**	**J**	2.0	0.57	ug/m3			12/20/23 18:15	1
1,2-Dichloropropane	**0.83**	**J**	0.92	0.43	ug/m3			12/20/23 18:15	1
1,4-Dioxane	18	U	18	0.30	ug/m3			12/20/23 18:15	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/20/23 18:15	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/20/23 18:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.0**		2.0	0.53	ug/m3			12/20/23 18:15	1
Toluene	**22**		0.75	0.23	ug/m3			12/20/23 18:15	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/20/23 18:15	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/20/23 18:15	1
Tetrachloroethene	**3.1**		1.4	0.14	ug/m3			12/20/23 18:15	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/20/23 18:15	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/20/23 18:15	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/20/23 18:15	1
Chlorobenzene	**1.1**		0.92	0.20	ug/m3			12/20/23 18:15	1
Ethylbenzene	**1.7**		0.87	0.30	ug/m3			12/20/23 18:15	1
m,p-Xylene	**4.8**		2.2	0.41	ug/m3			12/20/23 18:15	1
o-Xylene	**2.1**		0.87	0.27	ug/m3			12/20/23 18:15	1
Styrene	**1.6**		0.85	0.25	ug/m3			12/20/23 18:15	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/20/23 18:15	1
Cumene	**0.54**	**J**	0.98	0.20	ug/m3			12/20/23 18:15	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/20/23 18:15	1
n-Propylbenzene	**0.38**	**J**	0.98	0.23	ug/m3			12/20/23 18:15	1
4-Ethyltoluene	**0.47**	**J**	0.98	0.24	ug/m3			12/20/23 18:15	1
1,3,5-Trimethylbenzene	**0.48**	**J**	0.98	0.23	ug/m3			12/20/23 18:15	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/20/23 18:15	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/20/23 18:15	1
1,2,4-Trimethylbenzene	**1.7**		0.98	0.39	ug/m3			12/20/23 18:15	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/20/23 18:15	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/20/23 18:15	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/20/23 18:15	1

Client Sample ID: SVES-INT-08_20231218
Lab Sample ID: 200-71332-2

Date Collected: 12/18/23 09:25
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/20/23 18:15	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/20/23 18:15	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/20/23 18:15	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/20/23 18:15	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/20/23 18:15	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/20/23 18:15	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/20/23 18:15	1

Client Sample ID: SVES-EFF-08_20231218
Lab Sample ID: 200-71332-3

Date Collected: 12/18/23 09:45
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			12/20/23 19:06	1
Chlorodifluoromethane	**0.97**	**J**	1.8	0.42	ug/m3			12/20/23 19:06	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/20/23 19:06	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/20/23 19:06	1
n-Butane	**4.1**		1.2	0.48	ug/m3			12/20/23 19:06	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/20/23 19:06	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/20/23 19:06	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/20/23 19:06	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/20/23 19:06	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/20/23 19:06	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			12/20/23 19:06	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			12/20/23 19:06	1
1,1-Dichloroethene	**1.9**		0.14	0.10	ug/m3			12/20/23 19:06	1
Acetone	**17**		12	3.8	ug/m3			12/20/23 19:06	1
Isopropyl alcohol	**58**		12	3.9	ug/m3			12/20/23 19:06	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/20/23 19:06	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/20/23 19:06	1
Methylene Chloride	**3.5**		1.7	0.63	ug/m3			12/20/23 19:06	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/20/23 19:06	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/20/23 19:06	1
trans-1,2-Dichloroethene	**2.2**		0.79	0.091	ug/m3			12/20/23 19:06	1
n-Hexane	**1.0**	**J**	1.8	0.39	ug/m3			12/20/23 19:06	1
1,1-Dichloroethane	**27**		0.81	0.10	ug/m3			12/20/23 19:06	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			12/20/23 19:06	1
cis-1,2-Dichloroethene	**5.5**		0.20	0.083	ug/m3			12/20/23 19:06	1
Chloroform	**1.8**		0.98	0.20	ug/m3			12/20/23 19:06	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/20/23 19:06	1
1,1,1-Trichloroethane	**8.3**		1.1	0.24	ug/m3			12/20/23 19:06	1
Cyclohexane	**0.50**	**J**	0.69	0.20	ug/m3			12/20/23 19:06	1
Carbon tetrachloride	**0.22**		0.22	0.14	ug/m3			12/20/23 19:06	1
2,2,4-Trimethylpentane	**0.48**	**J**	0.93	0.18	ug/m3			12/20/23 19:06	1
Benzene	**2.6**		0.64	0.14	ug/m3			12/20/23 19:06	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/20/23 19:06	1
n-Heptane	**1.7**		0.82	0.23	ug/m3			12/20/23 19:06	1

Client Sample ID: SVES-EFF-08_20231218
Lab Sample ID: 200-71332-3

Date Collected: 12/18/23 09:45
Matrix: Air
Date Received: 12/19/23 11:30
Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**2.0**		0.19	0.13	ug/m3			12/20/23 19:06	1
Methyl methacrylate	**1.3**	**J**	2.0	0.57	ug/m3			12/20/23 19:06	1
1,2-Dichloropropane	**0.90**	**J**	0.92	0.43	ug/m3			12/20/23 19:06	1
1,4-Dioxane	18	U	18	0.30	ug/m3			12/20/23 19:06	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/20/23 19:06	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/20/23 19:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.2**		2.0	0.53	ug/m3			12/20/23 19:06	1
Toluene	**24**		0.75	0.23	ug/m3			12/20/23 19:06	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/20/23 19:06	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/20/23 19:06	1
Tetrachloroethene	**1.9**		1.4	0.14	ug/m3			12/20/23 19:06	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/20/23 19:06	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/20/23 19:06	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/20/23 19:06	1
Chlorobenzene	**1.1**		0.92	0.20	ug/m3			12/20/23 19:06	1
Ethylbenzene	**1.7**		0.87	0.30	ug/m3			12/20/23 19:06	1
m,p-Xylene	**5.1**		2.2	0.41	ug/m3			12/20/23 19:06	1
o-Xylene	**2.5**		0.87	0.27	ug/m3			12/20/23 19:06	1
Styrene	**1.9**		0.85	0.25	ug/m3			12/20/23 19:06	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/20/23 19:06	1
Cumene	**0.57**	**J**	0.98	0.20	ug/m3			12/20/23 19:06	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/20/23 19:06	1
n-Propylbenzene	**0.48**	**J**	0.98	0.23	ug/m3			12/20/23 19:06	1
4-Ethyltoluene	**0.65**	**J**	0.98	0.24	ug/m3			12/20/23 19:06	1
1,3,5-Trimethylbenzene	**0.65**	**J**	0.98	0.23	ug/m3			12/20/23 19:06	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/20/23 19:06	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/20/23 19:06	1
1,2,4-Trimethylbenzene	**2.5**		0.98	0.39	ug/m3			12/20/23 19:06	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/20/23 19:06	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/20/23 19:06	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/20/23 19:06	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/20/23 19:06	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/20/23 19:06	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/20/23 19:06	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/20/23 19:06	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/20/23 19:06	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/20/23 19:06	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/20/23 19:06	1

Default Detection Limits

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	1.1	0.24	ug/m3
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2-Trichloroethane	1.1	0.40	ug/m3
1,1,2-Trichlorotrifluoroethane	1.5	0.41	ug/m3
1,1-Dichloroethane	0.81	0.10	ug/m3
1,1-Dichloroethene	0.14	0.10	ug/m3
1,2,4-Trichlorobenzene	3.7	2.4	ug/m3
1,2,4-Trimethylbenzene	0.98	0.39	ug/m3
1,2-Dibromoethane	1.5	0.32	ug/m3
1,2-Dichlorobenzene	1.2	0.40	ug/m3
1,2-Dichloroethane	0.81	0.38	ug/m3
1,2-Dichloropropane	0.92	0.43	ug/m3
1,2-Dichlorotetrafluoroethane	1.4	0.34	ug/m3
1,3,5-Trimethylbenzene	0.98	0.23	ug/m3
1,3-Butadiene	0.44	0.086	ug/m3
1,3-Dichlorobenzene	1.2	0.44	ug/m3
1,4-Dichlorobenzene	1.2	0.54	ug/m3
1,4-Dioxane	18	0.30	ug/m3
2,2,4-Trimethylpentane	0.93	0.18	ug/m3
2-Chlorotoluene	1.0	0.24	ug/m3
3-Chloropropene	1.6	0.38	ug/m3
4-Ethyltoluene	0.98	0.24	ug/m3
4-Isopropyltoluene	1.1	0.33	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.53	ug/m3
Acetone	12	3.8	ug/m3
Benzene	0.64	0.14	ug/m3
Benzyl chloride	1.0	0.46	ug/m3
Bromodichloromethane	1.3	0.34	ug/m3
Bromoethene(Vinyl Bromide)	0.87	0.22	ug/m3
Bromoform	2.1	1.2	ug/m3
Bromomethane	0.78	0.28	ug/m3
Carbon disulfide	1.6	0.40	ug/m3
Carbon tetrachloride	0.22	0.14	ug/m3
Chlorobenzene	0.92	0.20	ug/m3
Chlorodifluoromethane	1.8	0.42	ug/m3
Chloroethane	1.3	0.47	ug/m3
Chloroform	0.98	0.20	ug/m3
Chloromethane	1.0	0.31	ug/m3
cis-1,2-Dichloroethene	0.20	0.083	ug/m3
cis-1,3-Dichloropropene	0.91	0.20	ug/m3
Cumene	0.98	0.20	ug/m3
Cyclohexane	0.69	0.20	ug/m3
Dibromochloromethane	1.7	0.54	ug/m3
Dichlorodifluoromethane	2.5	0.54	ug/m3
Ethylbenzene	0.87	0.30	ug/m3
Hexachlorobutadiene	2.1	1.2	ug/m3
Isopropyl alcohol	12	3.9	ug/m3
m,p-Xylene	2.2	0.41	ug/m3
Methyl Butyl Ketone (2-Hexanone)	2.0	0.61	ug/m3
Methyl Ethyl Ketone (2-Butanone)	1.5	1.4	ug/m3
Methyl methacrylate	2.0	0.57	ug/m3
Methyl tert-butyl ether	0.72	0.13	ug/m3
Methylene Chloride	1.7	0.63	ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Naphthalene	2.6	1.6	ug/m3
n-Butane	1.2	0.48	ug/m3
n-Butylbenzene	1.1	0.60	ug/m3
n-Heptane	0.82	0.23	ug/m3
n-Hexane	1.8	0.39	ug/m3
n-Propylbenzene	0.98	0.23	ug/m3
o-Xylene	0.87	0.27	ug/m3
sec-Butylbenzene	1.1	0.25	ug/m3
Styrene	0.85	0.25	ug/m3
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butylbenzene	1.1	0.26	ug/m3
Tetrachloroethene	1.4	0.14	ug/m3
Tetrahydrofuran	15	3.8	ug/m3
Toluene	0.75	0.23	ug/m3
trans-1,2-Dichloroethene	0.79	0.091	ug/m3
trans-1,3-Dichloropropene	0.91	0.25	ug/m3
Trichloroethene	0.19	0.13	ug/m3
Trichlorofluoromethane	1.1	0.28	ug/m3
Vinyl chloride	0.20	0.054	ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-198901/5
Matrix: Air
Analysis Batch: 198901

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			12/20/23 11:04	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			12/20/23 11:04	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/20/23 11:04	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/20/23 11:04	1
n-Butane	1.2	U	1.2	0.48	ug/m3			12/20/23 11:04	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/20/23 11:04	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/20/23 11:04	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/20/23 11:04	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/20/23 11:04	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/20/23 11:04	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			12/20/23 11:04	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			12/20/23 11:04	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/20/23 11:04	1
Acetone	12	U	12	3.8	ug/m3			12/20/23 11:04	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			12/20/23 11:04	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/20/23 11:04	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/20/23 11:04	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/20/23 11:04	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/20/23 11:04	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/20/23 11:04	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/20/23 11:04	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			12/20/23 11:04	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/20/23 11:04	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			12/20/23 11:04	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			12/20/23 11:04	1
Chloroform	0.98	U	0.98	0.20	ug/m3			12/20/23 11:04	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/20/23 11:04	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			12/20/23 11:04	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			12/20/23 11:04	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			12/20/23 11:04	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			12/20/23 11:04	1
Benzene	0.64	U	0.64	0.14	ug/m3			12/20/23 11:04	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/20/23 11:04	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			12/20/23 11:04	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			12/20/23 11:04	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			12/20/23 11:04	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/20/23 11:04	1
1,4-Dioxane	18	U	18	0.30	ug/m3			12/20/23 11:04	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/20/23 11:04	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/20/23 11:04	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			12/20/23 11:04	1
Toluene	0.75	U	0.75	0.23	ug/m3			12/20/23 11:04	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/20/23 11:04	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/20/23 11:04	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			12/20/23 11:04	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/20/23 11:04	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/20/23 11:04	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/20/23 11:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-198901/5
Matrix: Air
Analysis Batch: 198901

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			12/20/23 11:04	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			12/20/23 11:04	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			12/20/23 11:04	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			12/20/23 11:04	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/20/23 11:04	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/20/23 11:04	1
Cumene	0.98	U	0.98	0.20	ug/m3			12/20/23 11:04	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/20/23 11:04	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			12/20/23 11:04	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			12/20/23 11:04	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			12/20/23 11:04	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/20/23 11:04	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/20/23 11:04	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			12/20/23 11:04	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/20/23 11:04	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/20/23 11:04	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/20/23 11:04	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/20/23 11:04	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/20/23 11:04	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/20/23 11:04	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/20/23 11:04	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/20/23 11:04	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/20/23 11:04	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/20/23 11:04	1

Lab Sample ID: LCS 200-198901/3
Matrix: Air
Analysis Batch: 198901

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	44.6		ug/m3		90	61 - 142
Chlorodifluoromethane	35.4	34.7		ug/m3		98	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	66.9		ug/m3		96	71 - 141
Chloromethane	20.6	19.9		ug/m3		96	56 - 141
n-Butane	23.8	23.9		ug/m3		101	53 - 151
Vinyl chloride	25.6	24.7		ug/m3		97	61 - 135
1,3-Butadiene	22.1	20.2		ug/m3		91	58 - 139
Bromomethane	38.8	36.7		ug/m3		95	72 - 124
Chloroethane	26.4	25.8		ug/m3		98	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.0		ug/m3		96	75 - 125
Trichlorofluoromethane	56.2	52.9		ug/m3		94	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	73.3		ug/m3		96	70 - 121
1,1-Dichloroethene	39.6	38.1		ug/m3		96	68 - 120
Acetone	23.7	24.3		ug/m3		102	54 - 154
Isopropyl alcohol	24.6	26.0		ug/m3		106	53 - 142
Carbon disulfide	31.1	30.6		ug/m3		98	71 - 138
3-Chloropropene	31.3	28.5		ug/m3		91	50 - 150
Methylene Chloride	34.7	35.0		ug/m3		101	59 - 137
tert-Butyl alcohol	30.3	31.5		ug/m3		104	66 - 132

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-198901/3
Matrix: Air
Analysis Batch: 198901

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	36.0	37.9		ug/m3		105	70 - 127
trans-1,2-Dichloroethene	39.6	40.0		ug/m3		101	69 - 137
n-Hexane	35.2	36.8		ug/m3		105	63 - 138
1,1-Dichloroethane	40.5	39.6		ug/m3		98	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	29.4		ug/m3		100	72 - 124
cis-1,2-Dichloroethene	39.6	39.7		ug/m3		100	72 - 121
Chloroform	48.8	47.9		ug/m3		98	73 - 124
Tetrahydrofuran	29.5	31.6		ug/m3		107	60 - 149
1,1,1-Trichloroethane	54.6	54.2		ug/m3		99	72 - 127
Cyclohexane	34.4	36.1		ug/m3		105	76 - 124
Carbon tetrachloride	62.9	62.0		ug/m3		99	71 - 133
2,2,4-Trimethylpentane	46.7	51.0		ug/m3		109	68 - 131
Benzene	31.9	32.3		ug/m3		101	73 - 119
1,2-Dichloroethane	40.5	41.1		ug/m3		102	68 - 135
n-Heptane	41.0	45.4		ug/m3		111	60 - 142
Trichloroethene	53.7	52.3		ug/m3		97	73 - 122
Methyl methacrylate	40.9	43.3		ug/m3		106	73 - 129
1,2-Dichloropropane	46.2	47.3		ug/m3		102	69 - 128
1,4-Dioxane	36.0	34.7		ug/m3		96	66 - 129
Bromodichloromethane	67.0	67.2		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45.4	48.7		ug/m3		107	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	45.8		ug/m3		112	58 - 144
Toluene	37.7	39.2		ug/m3		104	75 - 122
trans-1,3-Dichloropropene	45.4	48.2		ug/m3		106	74 - 128
1,1,2-Trichloroethane	54.6	53.9		ug/m3		99	75 - 126
Tetrachloroethene	67.8	66.2		ug/m3		98	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	45.1		ug/m3		110	57 - 143
Dibromochloromethane	85.2	79.7		ug/m3		94	73 - 125
1,2-Dibromoethane	76.8	77.8		ug/m3		101	78 - 122
Chlorobenzene	46.0	45.4		ug/m3		99	76 - 119
Ethylbenzene	43.4	45.7		ug/m3		105	74 - 122
m,p-Xylene	86.8	93.7		ug/m3		108	76 - 121
o-Xylene	43.4	47.5		ug/m3		109	73 - 123
Styrene	42.6	47.8		ug/m3		112	74 - 125
Bromoform	103	80.6		ug/m3		78	53 - 149
Cumene	49.1	54.8		ug/m3		112	73 - 123
1,1,2,2-Tetrachloroethane	68.6	69.6		ug/m3		101	74 - 126
n-Propylbenzene	49.1	53.6		ug/m3		109	73 - 127
4-Ethyltoluene	49.2	53.7		ug/m3		109	75 - 129
1,3,5-Trimethylbenzene	49.2	54.3		ug/m3		110	72 - 126
2-Chlorotoluene	51.8	54.7		ug/m3		106	74 - 126
tert-Butylbenzene	54.9	60.6		ug/m3		110	71 - 125
1,2,4-Trimethylbenzene	49.2	53.0		ug/m3		108	71 - 129
sec-Butylbenzene	54.9	61.4		ug/m3		112	70 - 128
4-Isopropyltoluene	54.9	61.7		ug/m3		112	68 - 130
1,3-Dichlorobenzene	60.1	63.6		ug/m3		106	69 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-198901/3
Matrix: Air
Analysis Batch: 198901

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	63.6		ug/m3		106	67 - 132
Benzyl chloride	51.8	55.9		ug/m3		108	60 - 136
n-Butylbenzene	54.9	62.3		ug/m3		113	65 - 137
1,2-Dichlorobenzene	60.1	63.3		ug/m3		105	68 - 129
1,2,4-Trichlorobenzene	74.2	79.6		ug/m3		107	50 - 150
Hexachlorobutadiene	107	113		ug/m3		106	58 - 130
Naphthalene	52.4	58.6		ug/m3		112	50 - 150

QC Association Summary

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Air - GC/MS VOA

Analysis Batch: 198901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-71332-1	SVES-INF-08_20231218	Total/NA	Air	TO-15	
200-71332-2	SVES-INT-08_20231218	Total/NA	Air	TO-15	
200-71332-3	SVES-EFF-08_20231218	Total/NA	Air	TO-15	
MB 200-198901/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-198901/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Client Sample ID: SVES-INF-08_20231218
Lab Sample ID: 200-71332-1
Date Collected: 12/18/23 09:05
Matrix: Air
Date Received: 12/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	198901	A1B	EET BUR	12/20/23 17:23

Client Sample ID: SVES-INT-08_20231218
Lab Sample ID: 200-71332-2
Date Collected: 12/18/23 09:25
Matrix: Air
Date Received: 12/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	198901	A1B	EET BUR	12/20/23 18:15

Client Sample ID: SVES-EFF-08_20231218
Lab Sample ID: 200-71332-3
Date Collected: 12/18/23 09:45
Matrix: Air
Date Received: 12/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	198901	A1B	EET BUR	12/20/23 19:06

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Laboratory: Eurofins Burlington

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-24

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

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

Method Summary

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AKRF Inc
Job ID: 200-71332-1
Project/Site: New 470 Project; #12306

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-71332-1	SVES-INF-08_20231218	Air	12/18/23 09:05	12/19/23 11:30
200-71332-2	SVES-INT-08_20231218	Air	12/18/23 09:25	12/19/23 11:30
200-71332-3	SVES-EFF-08_20231218	Air	12/18/23 09:45	12/19/23 11:30

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 198744

Lab Sample ID: IC 200-198744/4 Client Sample ID:

Date Analyzed: 12/15/23 15:51 Lab File ID: 58268_004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	12.91	Baseline	BKZ7	12/16/23 06:06

Lab Sample ID: ICV 200-198744/15 Client Sample ID:

Date Analyzed: 12/16/23 01:17 Lab File ID: 58268_015.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butanol	13.82	Baseline	BKZ7	12/16/23 06:20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 198901

Lab Sample ID: CCVIS 200-198901/2 Client Sample ID:

Date Analyzed: 12/20/23 08:30 Lab File ID: 58316_002.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	8.67	Assign Peak	F7XK	12/21/23 07:45
Acrylonitrile	9.43	Assign Peak	F7XK	12/21/23 07:46

Lab Sample ID: MB 200-198901/5 Client Sample ID:

Date Analyzed: 12/20/23 11:04 Lab File ID: 58316_005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylbenzene		Invalid Compound ID	F7XK	12/21/23 07:51

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 198901

Lab Sample ID: 200-71332-1 Client Sample ID: SVES-INF-08_20231218

Date Analyzed: 12/20/23 17:23 Lab File ID: 58316_012.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	9.49	Assign Peak	F7XK	12/21/23 08:08
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	12/21/23 08:10
1,2-Dichlorotetrafluoroethane		Assign Peak	F7XK	12/21/23 08:06
1,3-Butadiene		Invalid Compound ID	F7XK	12/21/23 08:07
2-Chlorotoluene		Invalid Compound ID	F7XK	12/21/23 08:11
4-Isopropyltoluene		Assign Peak	F7XK	12/21/23 08:12
Benzyl chloride		Invalid Compound ID	F7XK	12/21/23 08:12
Carbon disulfide		Invalid Compound ID	F7XK	12/21/23 08:07
Cumene		Invalid Compound ID	BKZ7	12/21/23 07:30
Methyl Butyl Ketone (2-Hexanone)		Assign Peak	F7XK	12/21/23 08:10
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	BKZ7	12/21/23 07:31
Methyl tert-butyl ether		Assign Peak	F7XK	12/21/23 08:08
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	12/21/23 08:10
Vinyl chloride		Invalid Compound ID	BKZ7	12/21/23 07:31
n-Heptane	13.34	Assign Peak	F7XK	12/21/23 08:09
Bromodichloromethane	14.94	Assign Peak	F7XK	12/21/23 08:09
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.01	Assign Peak	F7XK	12/21/23 08:10

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 198901

Lab Sample ID: 200-71332-2 Client Sample ID: SVES-INT-08_20231218

Date Analyzed: 12/20/23 18:15 Lab File ID: 58316_013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	6.36	Assign Peak	F7XK	12/21/23 08:14
trans-1,2-Dichloroethene	9.49	Assign Peak	F7XK	12/21/23 08:15
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	12/21/23 08:19
1,2-Dichlorotetrafluoroethane		Assign Peak	F7XK	12/21/23 08:13
2-Chlorotoluene		Invalid Compound ID	F7XK	12/21/23 08:19
4-Isopropyltoluene		Assign Peak	F7XK	12/21/23 08:20
Bromodichloromethane		Assign Peak	F7XK	12/21/23 08:18
Carbon disulfide		Invalid Compound ID	F7XK	12/21/23 08:14
Methyl Butyl Ketone (2-Hexanone)		Assign Peak	F7XK	12/21/23 08:18
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	BKZ7	12/21/23 07:32
Methyl tert-butyl ether		Assign Peak	F7XK	12/21/23 08:15
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	12/21/23 08:18
Vinyl chloride		Invalid Compound ID	BKZ7	12/21/23 07:32
n-Heptane	13.34	Assign Peak	F7XK	12/21/23 08:17
sec-Butylbenzene	22.78	Assign Peak	F7XK	12/21/23 08:20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 198901

Lab Sample ID: 200-71332-3 Client Sample ID: SVES-EFF-08_20231218

Date Analyzed: 12/20/23 19:06 Lab File ID: 58316_014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	9.49	Assign Peak	F7XK	12/21/23 08:23
1,2-Dichlorotetrafluoroethane		Assign Peak	F7XK	12/21/23 08:21
1,3-Butadiene		Invalid Compound ID	F7XK	12/21/23 08:22
2-Chlorotoluene		Invalid Compound ID	F7XK	12/21/23 08:26
4-Isopropyltoluene		Invalid Compound ID	BKZ7	12/21/23 07:33
Benzyl chloride		Invalid Compound ID	F7XK	12/21/23 08:27
Carbon disulfide		Invalid Compound ID	F7XK	12/21/23 08:22
Methyl Butyl Ketone (2-Hexanone)		Assign Peak	F7XK	12/21/23 08:25
Methyl tert-butyl ether		Assign Peak	F7XK	12/21/23 08:23
n-Butylbenzene		Assign Peak	F7XK	12/21/23 08:27
sec-Butylbenzene		Assign Peak	F7XK	12/21/23 08:26
Tetrahydrofuran		Assign Peak	F7XK	12/21/23 08:24
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	12/21/23 08:25
Vinyl chloride		Invalid Compound ID	BKZ7	12/21/23 07:34
Cyclohexane	12.31	Assign Peak	F7XK	12/21/23 08:24
n-Heptane	13.33	Assign Peak	F7XK	12/21/23 08:24
Bromodichloromethane	14.94	Assign Peak	F7XK	12/21/23 08:25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.01	Assign Peak	F7XK	12/21/23 08:25

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15AHISs_00003							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	
ATTO15CAL1w_00263	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00229	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							o-Xylene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.158347 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00229	01/06/24	12/06/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00176	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00165	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00343	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00229	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chlorodifluoromethane	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.500453 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							o-Xylene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.395358 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00165	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00229	01/06/24	12/06/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00176	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00165	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL3w_00272	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00176	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1,2-Trichlorotrifluoroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	3.94412 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00165	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00820	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00176	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	7.89847 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00165	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00140	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00176	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1,2-Trichlorotrifluoroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chlorodifluoromethane	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							o-Xylene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	11.8528 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
					ATTO15EthCALw_00165	620 mL	Ethanol	20.0479 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL6w_00229	01/06/24	12/06/23	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00176	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00165	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00140	01/06/24	12/06/23	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00176	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1,2-Trichlorotrifluoroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chlorodifluoromethane	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							o-Xylene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	31.5939 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
					ATTO15EthCALw_00165	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00176	02/06/24	12/06/23	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00165	05/06/24	12/06/23	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15LCSW_00873	01/06/24	12/06/23	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00143	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00143	01/13/24	11/13/23	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00049	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00049	10/18/24		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v

Reagent

1gEthanol_00005

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER	N-11885-1G
LOT NUMBER	12173500
DATE CERTIFIED	08/21/19
EXPIRATION DATE	08/30/25
CAS NUMBER	64-17-5
MOLECULAR FORMULA	C2H6O
MOLECULAR WEIGHT	46.07
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/TCD)	99.5
% PURITY (GC/FID)	100.0
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
PHYSICAL APPEARANCE	COLORLESS LIQUID
% PURITY	99.8
ISO 17034:2016	CERTIFIED REFERENCE MATERIAL

COA Form
Revision 3 (3/2015)

PJLA Testing
Accreditation #63520

Print Date: 08/19/21

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1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

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1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

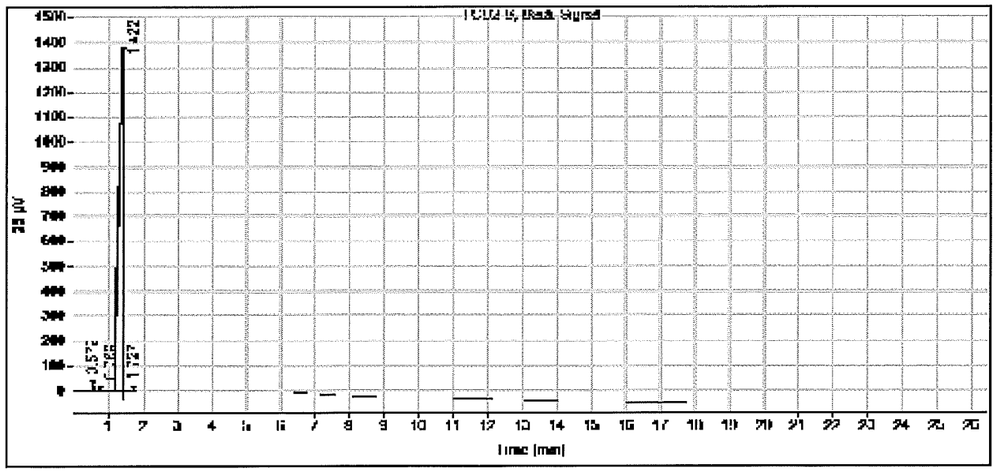
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0718\SIG2022556.D

Sample name: N-11885 NEAT TCD

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 11:37:41 AM	**Location:**	Vial 101
Acq. method:	N-11885 TCD.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: TCD2 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.572	BB	0.0212	35.3817	25.4750	0.3006
0.769	BB	0.0375	16.7108	5.8171	0.1420
1.422	BB	0.1103	11708.3486	1361.3082	99.4587
1.727	BB	0.0260	11.6247	7.1305	0.0987
		Sum	11772.0658		

PJLA Testing

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
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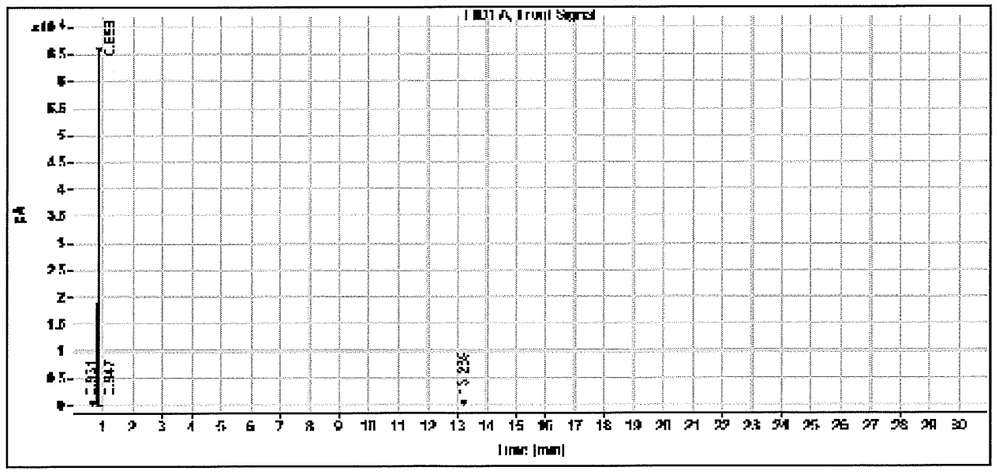
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

Sample name: N-11885 neat

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 3:39:30 AM	**Location:**	Vial 101
Acq. method:	N-11885.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.6672	0.0185
0.868	BB S	0.0287	148490.7656	65443.6719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
		Sum	148518.4729		

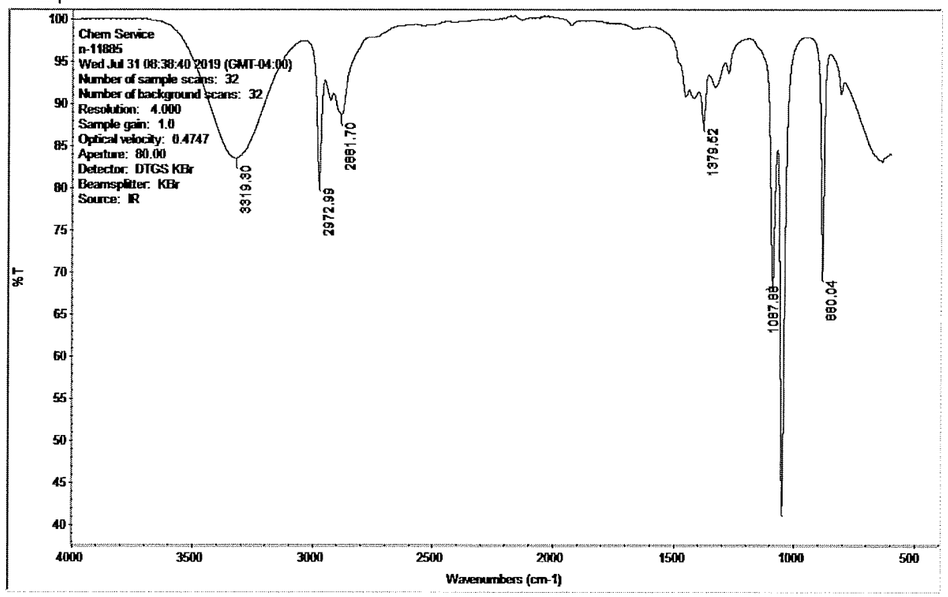
PJLA Testing

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1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	N-11885-1G
Description:	Ethyl alcohol
Lot Number:	12173500
Expiration Date:	08/30/25



PJLA Testing

Reagent

ATTO15AHISs_00003

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc
30 Community Drive Suite 11
South Burlington, VT 05403

1079027
ID: ATTO15BISs_00007
Exp:09/27/22 Prpd:PAD Opn:09/27/17
Instrument B Internal Sta

PAGE: 1 of 1

CERTIFICATE OF ANALYSIS

Sales#:	115266468	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1419931	**Cylinder # :**	CC-191865
Certification Date:	Jun-15-2017	**Cylinder Pressure:**	2000 psig
P.O.# :	2684721	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24088974	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Jun-15-2018	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	10% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Bromochloromethane	74-97-5	100 ppb	106 ppb
1,4-Difluorobenzene	540-36-3	100 ppb	107 ppb
Chlorobenzene-d5	3114-55-4	100 ppb	105 ppb
4-Bromofluorobenzene	460-00-4	100 ppb	102 ppb
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Justin Kutz

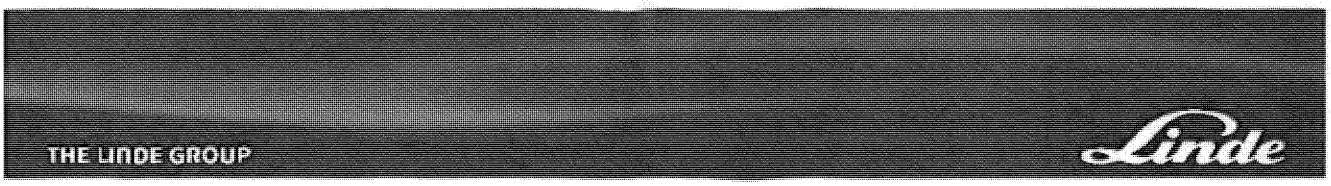
DATE: Jun-15-2017

Linde Gas North America LLC

(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

Reagent

ATTO15CALs_00048



SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

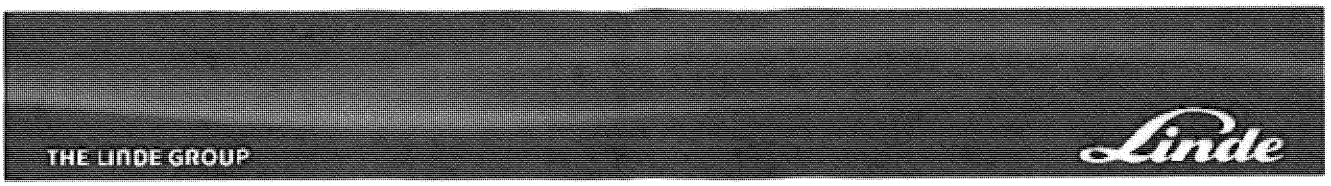
PAGE: 1 of 4

1809416
ID ATTO15CALs_00048
Exp 10/18/24 Prpd
TO15 Calibration Source I

ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.02 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.07 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.02 ppm
Freon-114	76-14-2	1.00 ppm	1.09 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	0.98 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.58 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.06 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.02 ppm
Acetonitrile	75-05-8	1.00 ppm	0.92 ppm
Acrolein	107-02-8	1.00 ppm	0.94 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.97 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.04 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.09 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.05 ppm
Freon-113	76-13-1	1.00 ppm	1.06 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.05 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.04 ppm

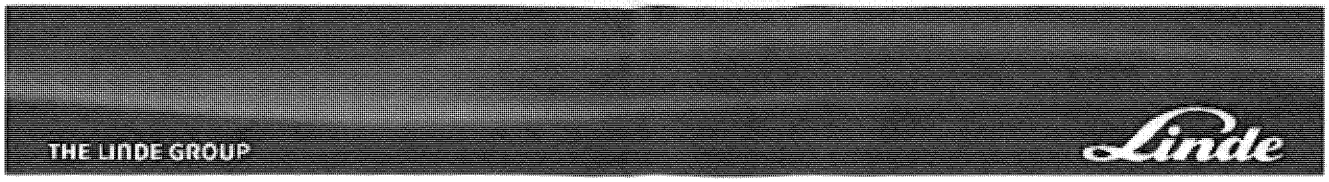


SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	0.79 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.03 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.05 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.05 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.98 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.05 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	0.70 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.04 ppm
Cyclohexane	110-82-7	1.00 ppm	1.04 ppm
Dibromomethane	74-95-3	1.00 ppm	1.04 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.02 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.02 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.03 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.03 ppm
Heptane	142-82-5	1.00 ppm	1.04 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.02 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.05 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.05 ppm
Toluene	108-88-3	1.00 ppm	1.03 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.01 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.06 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.06 ppm

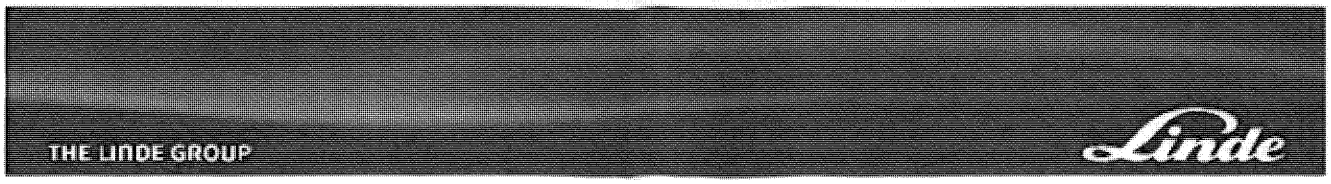


SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.06 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.05 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.02 ppm
p-xylene	106-42-3	1.00 ppm	1.03 ppm
m-xylene	108-38-3	1.00 ppm	1.03 ppm
Bromoform	75-25-2	1.00 ppm	1.03 ppm
Styrene	100-42-5	1.00 ppm	1.02 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.04 ppm
Nonane	111-84-2	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.05 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.02 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.03 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.03 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.03 ppm
n-Decane	124-18-5	1.00 ppm	1.03 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.03 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.07 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.05 ppm



SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.06 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.04 ppm
Naphthalene	91-20-3	1.00 ppm	1.05 ppm
n-Dodecane	112-40-3	1.00 ppm	1.07 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.09 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.05 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti

Lou Lorenzetti

DATE: Oct-18-2023

Reagent

ATTO15CALs_00049

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.03 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.07 ppm
Freon-114	76-14-2	1.00 ppm	1.04 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.86 ppm
n-Butane	106-97-8	1.00 ppm	1.04 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile	75-05-8	1.00 ppm	0.95 ppm
Acrolein	107-02-8	1.00 ppm	1.01 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	0.99 ppm
Freon-11	75-69-4	1.00 ppm	1.06 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.98 ppm
Acrylonitrile	107-13-1	1.00 ppm	0.98 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.03 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.02 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.02 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.07 ppm
Freon-113	76-13-1	1.00 ppm	1.05 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.03 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm

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ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.02 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.02 ppm
m-xylene	108-38-3	1.00 ppm	1.02 ppm
Bromoform	75-25-2	1.00 ppm	1.02 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.04 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.04 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.03 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.02 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.04 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.06 ppm
n-Decane	124-18-5	1.00 ppm	1.02 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.02 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.02 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.02 ppm

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PAGE: 4 of 4

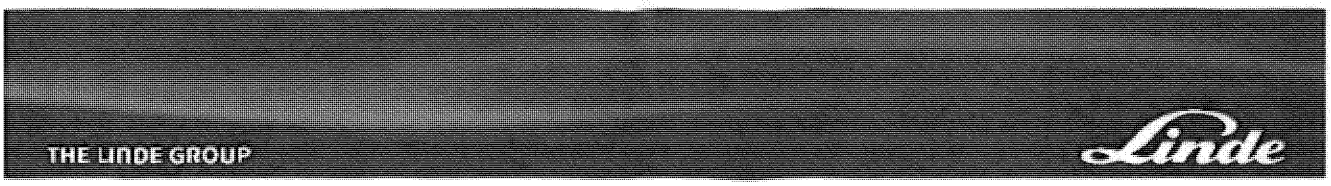
ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.03 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.05 ppm
Naphthalene	91-20-3	1.00 ppm	0.95 ppm
n-Dodecane	112-40-3	1.00 ppm	0.93 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	0.92 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.02 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Oct-25-2021

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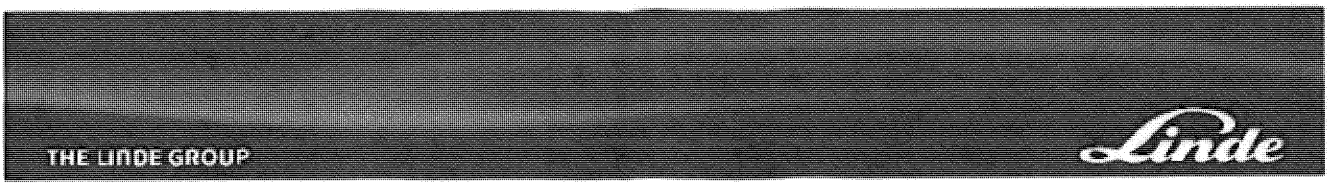
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ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.02 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.07 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.02 ppm
Freon-114	76-14-2	1.00 ppm	1.09 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	0.98 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.58 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.06 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.02 ppm
Acetonitrile	75-05-8	1.00 ppm	0.92 ppm
Acrolein	107-02-8	1.00 ppm	0.94 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.97 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.04 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.09 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.05 ppm
Freon-113	76-13-1	1.00 ppm	1.06 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.05 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.04 ppm

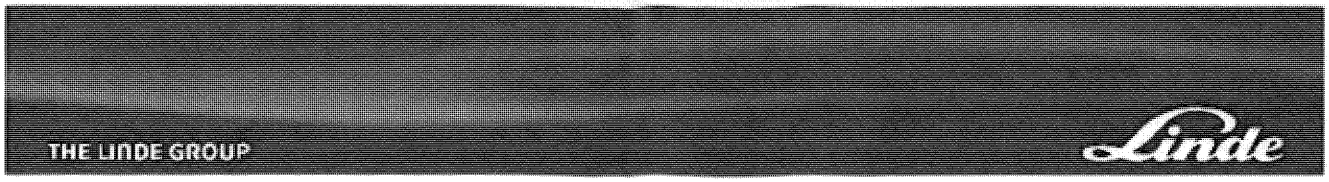


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ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	0.79 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.03 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.05 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.05 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.98 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.05 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	0.70 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.04 ppm
Cyclohexane	110-82-7	1.00 ppm	1.04 ppm
Dibromomethane	74-95-3	1.00 ppm	1.04 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.02 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.02 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.03 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.03 ppm
Heptane	142-82-5	1.00 ppm	1.04 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.02 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.05 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.05 ppm
Toluene	108-88-3	1.00 ppm	1.03 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.01 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.06 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.06 ppm

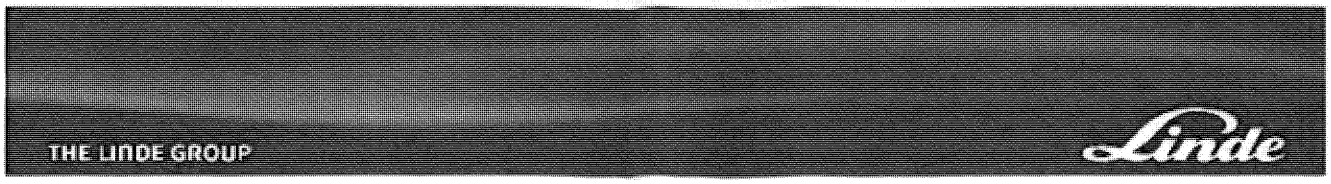


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ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.06 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.05 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.02 ppm
p-xylene	106-42-3	1.00 ppm	1.03 ppm
m-xylene	108-38-3	1.00 ppm	1.03 ppm
Bromoform	75-25-2	1.00 ppm	1.03 ppm
Styrene	100-42-5	1.00 ppm	1.02 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.04 ppm
Nonane	111-84-2	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.05 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.02 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.03 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.03 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.03 ppm
n-Decane	124-18-5	1.00 ppm	1.03 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.03 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.07 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.05 ppm



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ANALYSIS REPORT

Sales#:	117483885	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1595731	**Cylinder # :**	CC-133603
Report Date:	Oct-18-2023	**Cylinder Pressure:**	1700 psig
P.O.# :	75601236	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-18-2024	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.06 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.04 ppm
Naphthalene	91-20-3	1.00 ppm	1.05 ppm
n-Dodecane	112-40-3	1.00 ppm	1.07 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.09 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.05 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti

DATE: Oct-18-2023

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 58316_003.D

Lab ID: LCS 200-198901/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	44.6	90	61-142	
Chlorodifluoromethane	35.4	34.7	98	60-147	
1,2-Dichlorotetrafluoroethane	69.9	66.9	96	71-141	
Chloromethane	20.6	19.9	96	56-141	
n-Butane	23.8	23.9	101	53-151	
Vinyl chloride	25.6	24.7	97	61-135	
1,3-Butadiene	22.1	20.2	91	58-139	
Bromomethane	38.8	36.7	95	72-124	
Chloroethane	26.4	25.8	98	68-130	
Bromoethene(Vinyl Bromide)	43.7	42.0	96	75-125	
Trichlorofluoromethane	56.2	52.9	94	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	73.3	96	70-121	
1,1-Dichloroethene	39.6	38.1	96	68-120	
Acetone	23.7	24.3	102	54-154	
Isopropyl alcohol	24.6	26.0	106	53-142	
Carbon disulfide	31.1	30.6	98	71-138	
3-Chloropropene	31.3	28.5	91	50-150	
Methylene Chloride	34.7	35.0	101	59-137	
tert-Butyl alcohol	30.3	31.5	104	66-132	
Methyl tert-butyl ether	36.0	37.9	105	70-127	
trans-1,2-Dichloroethene	39.6	40.0	101	69-137	
n-Hexane	35.2	36.8	105	63-138	
1,1-Dichloroethane	40.5	39.6	98	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	29.4	100	72-124	
cis-1,2-Dichloroethene	39.6	39.7	100	72-121	
Chloroform	48.8	47.9	98	73-124	
Tetrahydrofuran	29.5	31.6	107	60-149	
1,1,1-Trichloroethane	54.6	54.2	99	72-127	
Cyclohexane	34.4	36.1	105	76-124	
Carbon tetrachloride	62.9	62.0	99	71-133	
2,2,4-Trimethylpentane	46.7	51.0	109	68-131	
Benzene	31.9	32.3	101	73-119	
1,2-Dichloroethane	40.5	41.1	102	68-135	
n-Heptane	41.0	45.4	111	60-142	
Trichloroethene	53.7	52.3	97	73-122	
Methyl methacrylate	40.9	43.3	106	73-129	
1,2-Dichloropropane	46.2	47.3	102	69-128	
1,4-Dioxane	36.0	34.7	96	66-129	
Bromodichloromethane	67.0	67.2	100	75-127	
cis-1,3-Dichloropropene	45.4	48.7	107	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 58316_003.D

Lab ID: LCS 200-198901/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	45.8	112	58-144	
Toluene	37.7	39.2	104	75-122	
trans-1,3-Dichloropropene	45.4	48.2	106	74-128	
1,1,2-Trichloroethane	54.6	53.9	99	75-126	
Tetrachloroethene	67.8	66.2	98	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	45.1	110	57-143	
Dibromochloromethane	85.2	79.7	94	73-125	
1,2-Dibromoethane	76.8	77.8	101	78-122	
Chlorobenzene	46.0	45.4	99	76-119	
Ethylbenzene	43.4	45.7	105	74-122	
m,p-Xylene	86.8	93.7	108	76-121	
o-Xylene	43.4	47.5	109	73-123	
Styrene	42.6	47.8	112	74-125	
Bromoform	103	80.6	78	53-149	
Cumene	49.1	54.8	112	73-123	
1,1,2,2-Tetrachloroethane	68.6	69.6	101	74-126	
n-Propylbenzene	49.1	53.6	109	73-127	
4-Ethyltoluene	49.2	53.7	109	75-129	
1,3,5-Trimethylbenzene	49.2	54.3	110	72-126	
2-Chlorotoluene	51.8	54.7	106	74-126	
tert-Butylbenzene	54.9	60.6	110	71-125	
1,2,4-Trimethylbenzene	49.2	53.0	108	71-129	
sec-Butylbenzene	54.9	61.4	112	70-128	
4-Isopropyltoluene	54.9	61.7	112	68-130	
1,3-Dichlorobenzene	60.1	63.6	106	69-131	
1,4-Dichlorobenzene	60.1	63.6	106	67-132	
Benzyl chloride	51.8	55.9	108	60-136	
n-Butylbenzene	54.9	62.3	113	65-137	
1,2-Dichlorobenzene	60.1	63.3	105	68-129	
1,2,4-Trichlorobenzene	74.2	79.6	107	50-150	
Hexachlorobutadiene	107	113	106	58-130	
Naphthalene	52.4	58.6	112	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab File ID: 58316_005.D Lab Sample ID: MB 200-198901/5

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

Instrument ID: CHAM.i Date Analyzed: 12/20/2023 11:04

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-198901/3	58316_003.D	12/20/2023 09:22
SVES-INF-08_20231218	200-71332-1	58316_012.D	12/20/2023 17:23
SVES-INT-08_20231218	200-71332-2	58316_013.D	12/20/2023 18:15
SVES-EFF-08_20231218	200-71332-3	58316_014.D	12/20/2023 19:06

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

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab File ID: 58268_001.D BFB Injection Date: 12/15/2023

Instrument ID: CHAM.i BFB Injection Time: 13:21

Analysis Batch No.: 198744

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.2	
75	30.0 - 66.0% of mass 95	50.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	64.3	
175	4.0 - 9.0 % of mass 174	4.8	(7.5) 1
176	93.0 - 101.0% of mass 174	62.6	(97.3) 1
177	5.0 - 9.0% of mass 176	4.1	(6.6) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-198744/4	58268_004.D	12/15/2023	15:51
	IC 200-198744/5	58268_005.D	12/15/2023	16:42
	IC 200-198744/6	58268_006.D	12/15/2023	17:34
	IC 200-198744/7	58268_007.D	12/15/2023	18:25
	ICIS 200-198744/8	58268_008.D	12/15/2023	19:17
	IC 200-198744/10	58268_010.D	12/15/2023	21:00
	IC 200-198744/12	58268_012.D	12/15/2023	22:43
	IC 200-198744/13	58268_013.D	12/15/2023	23:35
	ICV 200-198744/15	58268_015.D	12/16/2023	1:17

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

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab File ID: 58316_001.D BFB Injection Date: 12/20/2023

Instrument ID: CHAM.i BFB Injection Time: 07:22

Analysis Batch No.: 198901

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.0	
75	30.0 - 66.0% of mass 95	49.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	67.6	
175	4.0 - 9.0 % of mass 174	5.1	(7.6) 1
176	93.0 - 101.0% of mass 174	65.3	(96.6) 1
177	5.0 - 9.0% of mass 176	4.3	(6.6) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-198901/2	58316_002.D	12/20/2023	8:30
	LCS 200-198901/3	58316_003.D	12/20/2023	9:22
	MB 200-198901/5	58316_005.D	12/20/2023	11:04
SVES-INF-08_20231218	200-71332-1	58316_012.D	12/20/2023	17:23
SVES-INT-08_20231218	200-71332-2	58316_013.D	12/20/2023	18:15
SVES-EFF-08_20231218	200-71332-3	58316_014.D	12/20/2023	19:06

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

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Sample No.: ICIS 200-198744/8 Date Analyzed: 12/15/2023 19:17

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 58268_008.D Heated Purge: (Y/N) N

Calibration ID: 51375

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		383807	11.71	1830784	13.57	1647690	19.07
UPPER LIMIT		537330	12.04	2563098	13.90	2306766	19.40
LOWER LIMIT		230284	11.38	1098470	13.24	988614	18.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-198744/15		480030	11.71	2316853	13.57	2077491	19.07

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Sample No.: CCVIS 200-198901/2 Date Analyzed: 12/20/2023 08:30

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 58316_002.D Heated Purge: (Y/N) N

Calibration ID: 51375

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		346792	11.71	1628563	13.56	1521351	19.07
UPPER LIMIT		485509	12.04	2279988	13.89	2129891	19.40
LOWER LIMIT		208075	11.38	977138	13.23	912811	18.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-198901/3		371636	11.71	1759093	13.57	1637408	19.07
MB 200-198901/5		404803	11.71	1945587	13.57	1747735	19.07
200-71332-1	SVES-INF-08_20231218	323511	11.71	1550107	13.57	1468441	19.07
200-71332-2	SVES-INT-08_20231218	338697	11.71	1627032	13.57	1533357	19.07
200-71332-3	SVES-EFF-08_20231218	340054	11.71	1636487	13.57	1542572	19.07

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 Lab Sample ID: 200-71332-1

Matrix: Air Lab File ID: 58316_012.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	0.93	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	2.1		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41
75-35-4	1,1-Dichloroethene	2.0		0.14	0.10
67-64-1	Acetone	17		12	3.8
67-63-0	Isopropyl alcohol	72		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	4.5		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	2.4		0.79	0.091
110-54-3	n-Hexane	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	31		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	6.8		0.20	0.083
67-66-3	Chloroform	2.1		0.98	0.20
109-99-9	Tetrahydrofuran	5.2	J	15	3.8
71-55-6	1,1,1-Trichloroethane	14		1.1	0.24
110-82-7	Cyclohexane	0.56	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.35		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.49	J	0.93	0.18
71-43-2	Benzene	3.0		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	2.1		0.82	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 Lab Sample ID: 200-71332-1

Matrix: Air Lab File ID: 58316_012.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	8.7		0.19	0.13
80-62-6	Methyl methacrylate	1.8	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.81	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.5		2.0	0.53
108-88-3	Toluene	21		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	10		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.7		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	4.1		2.2	0.41
95-47-6	o-Xylene	1.8		0.87	0.27
100-42-5	Styrene	1.8		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.36	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.41	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.44	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	1.4		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 Lab Sample ID: 200-71332-1

Matrix: Air Lab File ID: 58316_012.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Lims ID: 200-71332-A-1
Client ID: SVES-INF-08_20231218
Sample Type: Client
Inject. Date: 20-Dec-2023 17:23:29 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058316-012
Misc. Info.: 71332-1
Operator ID: wrd Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:31:54 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: BKZ7 Date: 21-Dec-2023 07:31:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.417	4.428	-0.011	99	31816	0.4202	
3 Chlorodifluoromethane	51	4.471	4.476	-0.005	96	11386	0.2632	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.797				ND	MU
5 Chloromethane	50	4.920	4.925	-0.006	97	3146	0.1166	
7 Butane	43	5.220	5.225	-0.005	99	58328	0.8790	
6 Vinyl chloride	62		5.230				ND	MU
8 Butadiene	54		5.343				ND	MU
9 Bromomethane	94		6.086				ND	
10 Chloroethane	64		6.365				ND	7
13 Vinyl bromide	106		6.798				ND	
14 Trichlorofluoromethane	101	6.953	6.958	-0.005	97	15366	0.1838	
20 1,1-Dichloroethene	96	8.039	8.044	-0.005	95	18833	0.5062	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.076	-0.001	92	4703	0.0585	
22 Acetone	43	8.135	8.141	-0.006	98	413486	7.22	
24 Carbon disulfide	76		8.446				ND	MU
23 Isopropyl alcohol	45	8.445	8.451	-0.006	100	1671420	29.2	
26 3-Chloro-1-propene	41		8.756				ND	
27 Methylene Chloride	49	8.996	8.997	-0.001	97	62539	1.29	
28 2-Methyl-2-propanol	59	9.232	9.232	0.000	96	41566	0.5557	
30 trans-1,2-Dichloroethene	61	9.494	9.489	0.005	96	37249	0.5983	M
31 Methyl tert-butyl ether	73		9.494				ND	MU
32 Hexane	57	9.997	9.997	0.000	92	18610	0.3089	
33 1,1-Dichloroethane	63	10.280	10.281	-0.001	100	603907	7.75	
36 2-Butanone (MEK)	72		11.276				ND	MU
37 cis-1,2-Dichloroethene	96	11.297	11.292	0.005	80	69073	1.71	
* 39 Chlorobromomethane	128	11.714	11.709	0.005	97	323511	10.0	
40 Tetrahydrofuran	42	11.741	11.746	0.000	92	76926	1.75	
41 Chloroform	83	11.891	11.891	0.000	97	37325	0.4297	
42 1,1,1-Trichloroethane	97	12.185	12.190	0.000	97	214825	2.65	
43 Cyclohexane	84	12.313	12.313	0.005	94	7913	0.1628	
44 Carbon tetrachloride	117	12.458	12.463	0.000	95	4528	0.0562	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	45 Benzene	78	12.822	12.821	0.006	97	115107	0.9328	
	46 1,2-Dichloroethane	62		12.902				ND	
	47 Isooctane	57	13.020	13.020	0.000	97	20122	0.1053	
	48 n-Heptane	43	13.335	13.330	0.010	93	36991	0.5152	M
*	49 1,4-Difluorobenzene	114	13.565	13.560	0.005	96	1550107	10.0	
	51 Trichloroethene	95	13.993	13.993	0.005	94	91415	1.62	
	53 1,2-Dichloropropane	63	14.469	14.464	0.010	85	8924	0.1752	
	54 Methyl methacrylate	69	14.544	14.545	0.005	94	19338	0.4349	
	55 1,4-Dioxane	88		14.587				ND	7
	58 Dichlorobromomethane	83	14.940	14.941	0.005	1	596	0.006568	7M
	59 cis-1,3-Dichloropropene	75		15.737				ND	
	61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	0.000	96	58207	0.6126	M
	62 Toluene	92	16.374	16.373	0.005	93	464427	5.55	
	66 trans-1,3-Dichloropropene	75		16.802				ND	MU
	67 1,1,2-Trichloroethane	83		17.182				ND	MU
	68 Tetrachloroethene	166	17.358	17.364	0.000	92	94813	1.48	
	69 2-Hexanone	43		17.594				ND	MU
	70 Chlorodibromomethane	129		17.915				ND	
	71 Ethylene Dibromide	107		18.156				ND	
*	73 Chlorobenzene-d5	117	19.065	19.065	0.000	91	1468441	10.0	
	74 Chlorobenzene	112	19.124	19.129	0.000	92	41832	0.3585	
	75 Ethylbenzene	91	19.311	19.316	0.000	99	73261	0.3859	
	76 m-Xylene & p-Xylene	106	19.562	19.557	-0.011	0	65289	0.9408	
	78 o-Xylene	106	20.343	20.338	-0.001	97	26242	0.4063	
	79 Styrene	104	20.375	20.381	-0.001	99	46149	0.4276	
	81 Bromoform	173		20.718				ND	
	82 Isopropylbenzene	105		21.007				ND	MU
	83 1,1,2,2-Tetrachloroethane	83		21.531				ND	7
	85 N-Propylbenzene	91	21.708	21.714	0.000	98	18211	0.0722	
	86 2-Chlorotoluene	91		21.858				ND	MU
	87 4-Ethyltoluene	105	21.900	21.906	0.000	98	16577	0.0837	
	88 1,3,5-Trimethylbenzene	105	21.986	21.997	-0.005	90	15136	0.0894	
	91 tert-Butylbenzene	119		22.467				ND	
	92 1,2,4-Trimethylbenzene	105	22.553	22.559	0.000	97	50711	0.2922	
	93 sec-Butylbenzene	105	22.783	22.789	0.000	94	2813	0.0116	
	94 1,3-Dichlorobenzene	146		22.960				ND	7
	95 4-Isopropyltoluene	119		22.997				ND	MU
	96 1,4-Dichlorobenzene	146		23.099				ND	7
	97 Benzyl chloride	91		23.254				ND	MU
	98 n-Butylbenzene	91		23.559				ND	7
	99 1,2-Dichlorobenzene	146		23.607				ND	
	102 1,2,4-Trichlorobenzene	180		26.111				ND	
	103 Hexachlorobutadiene	225		26.357				ND	
	104 Naphthalene	128		26.614				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

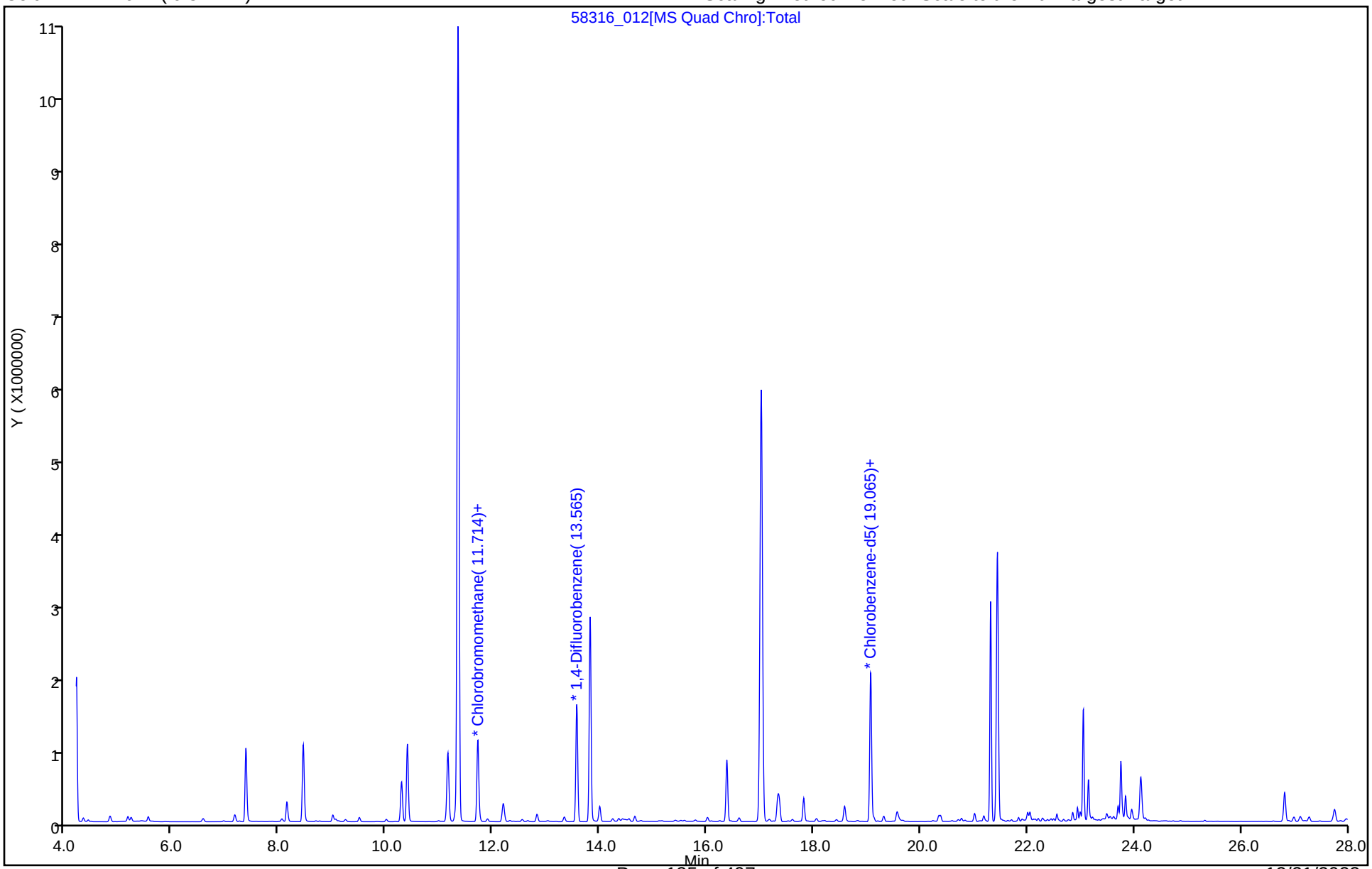
ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 21-Dec-2023 07:31:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1	Worklist Smp#:	12
Client ID:	SVES-INF-08_20231218				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

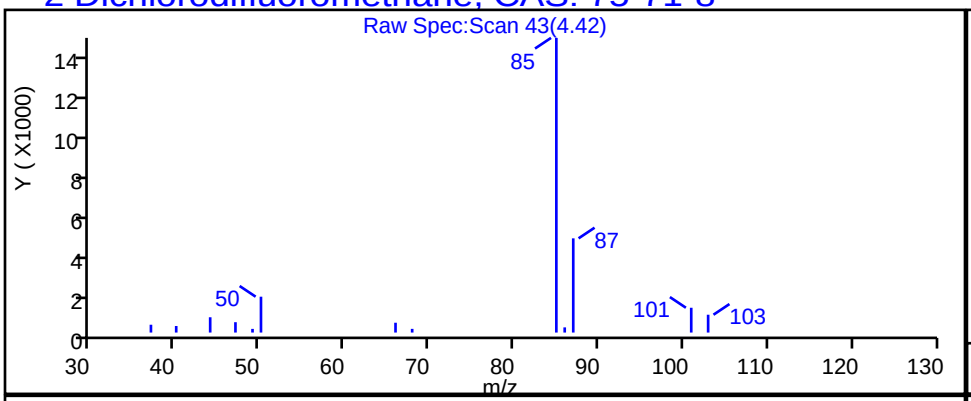
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

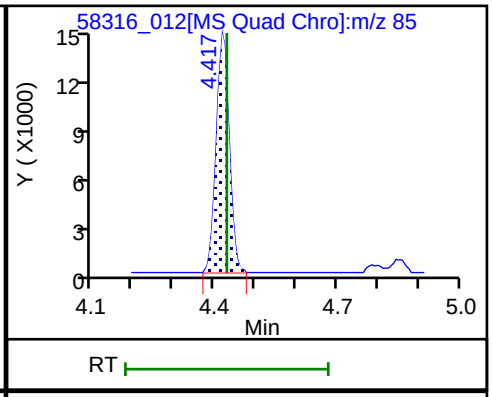


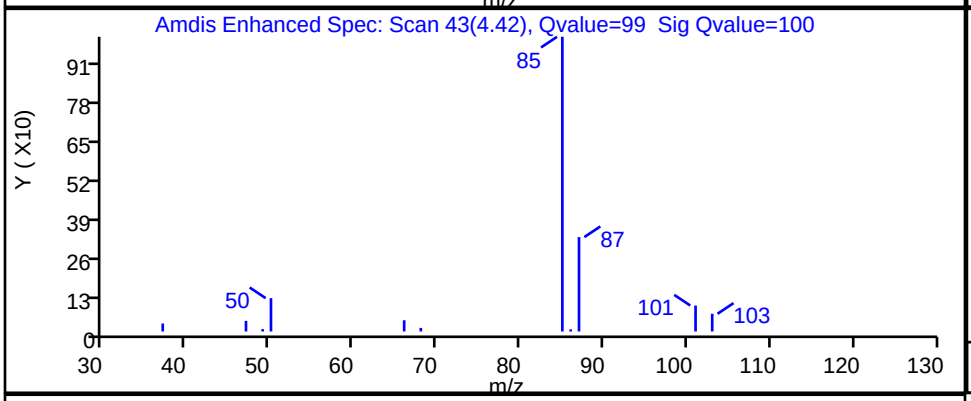
Eurofins Burlington

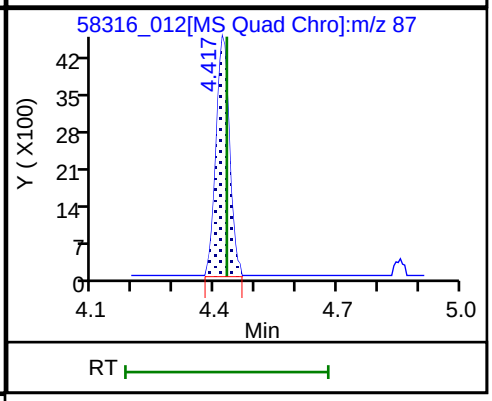
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

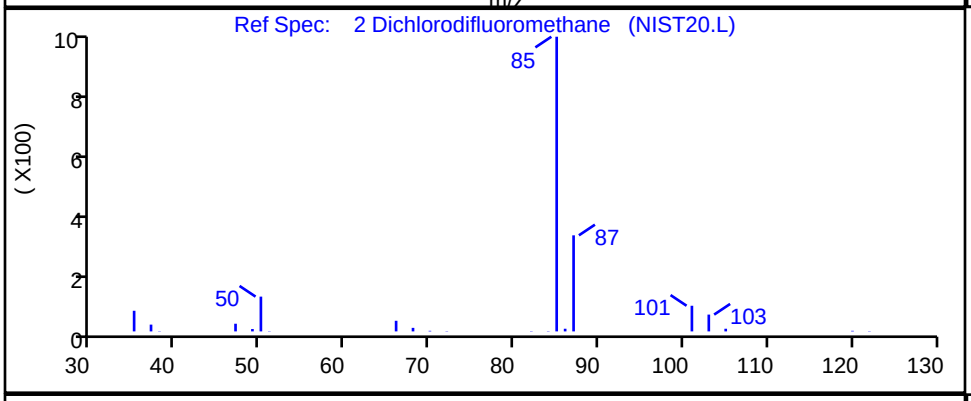
2 Dichlorodifluoromethane, CAS: 75-71-8

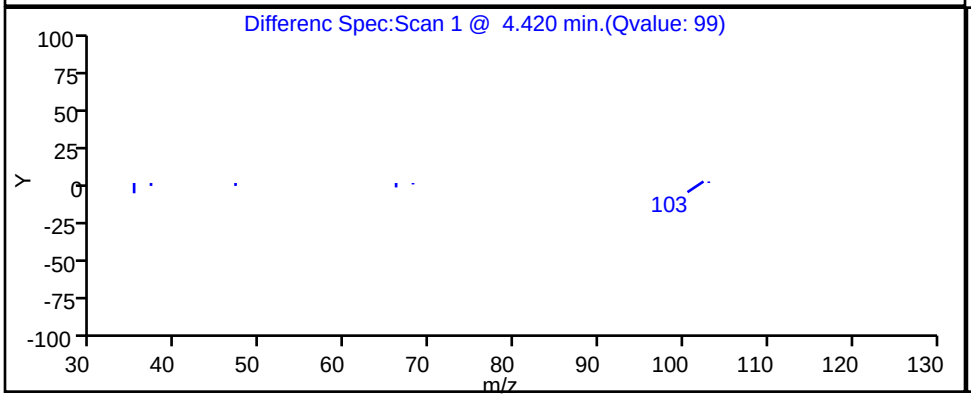


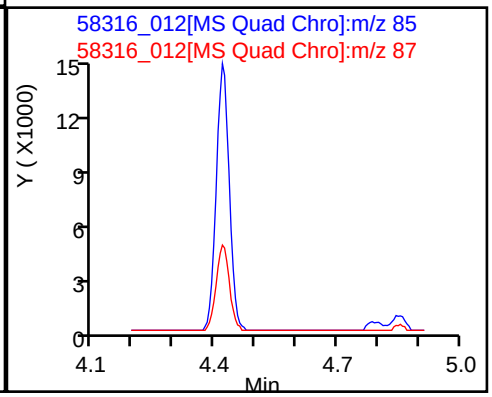








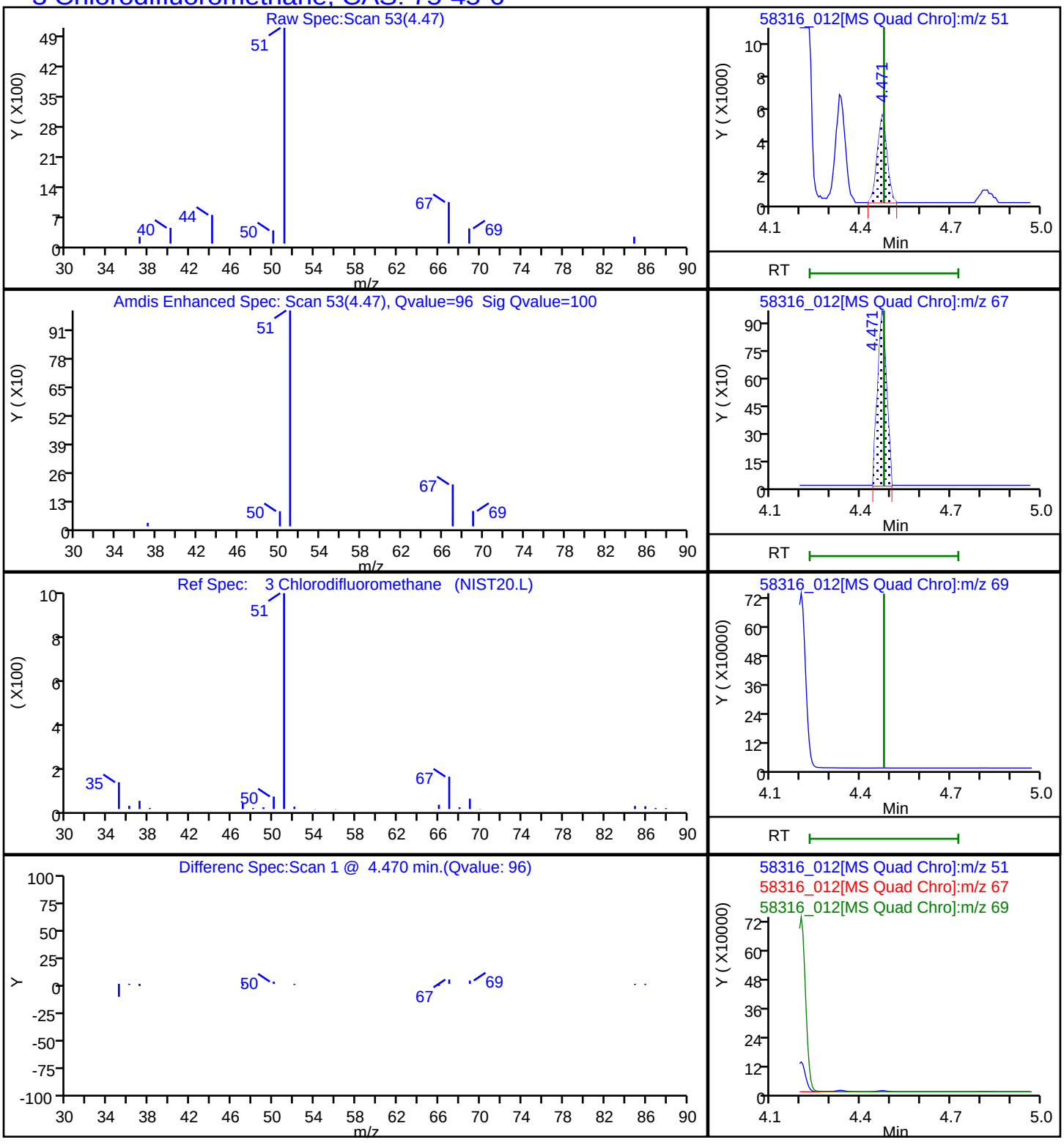




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

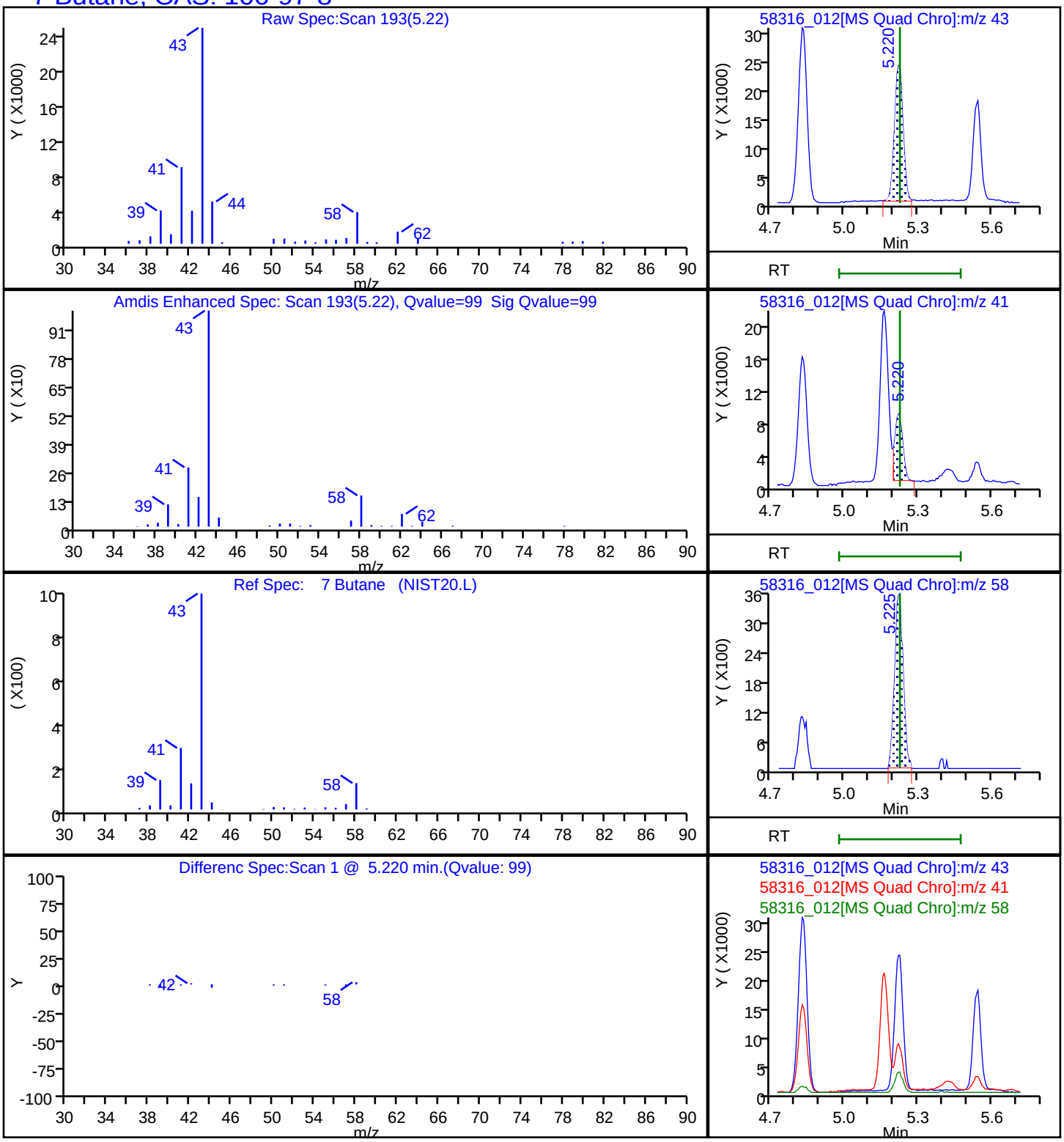
3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

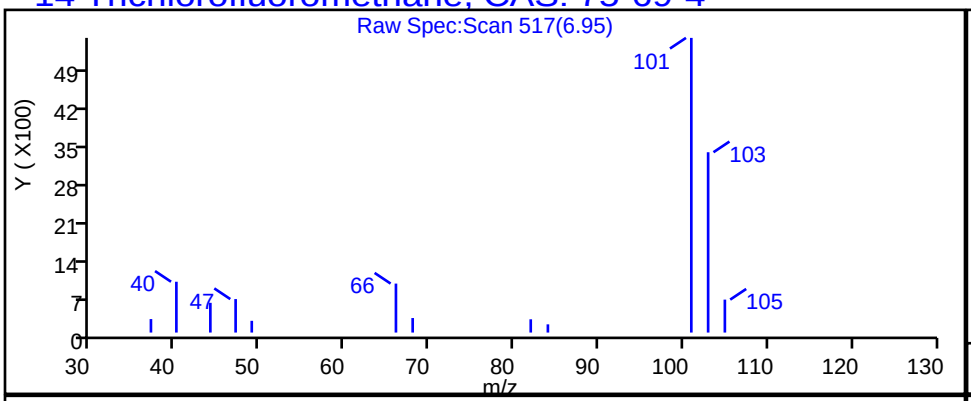
7 Butane, CAS: 106-97-8

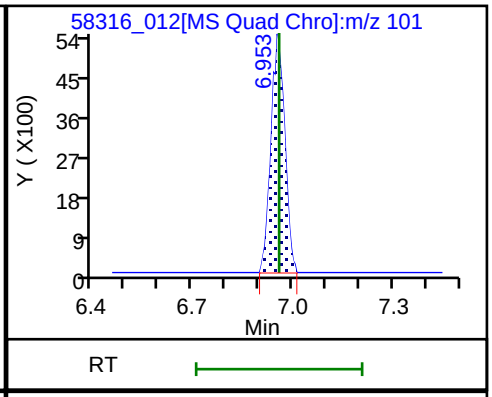


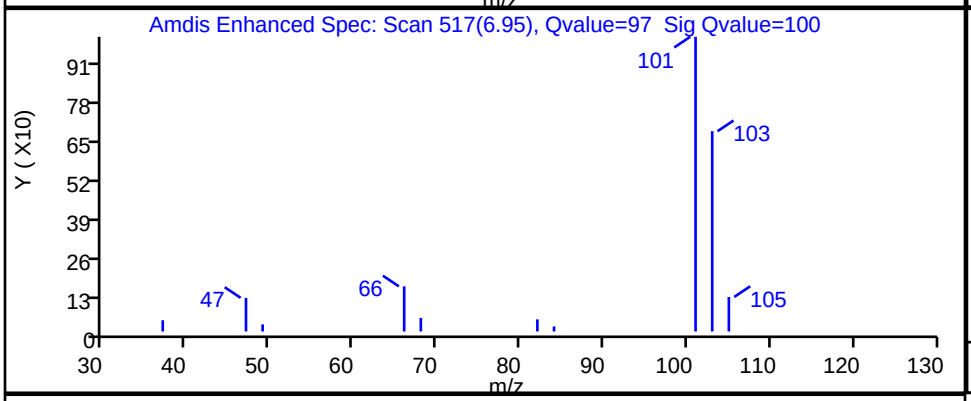
Eurofins Burlington

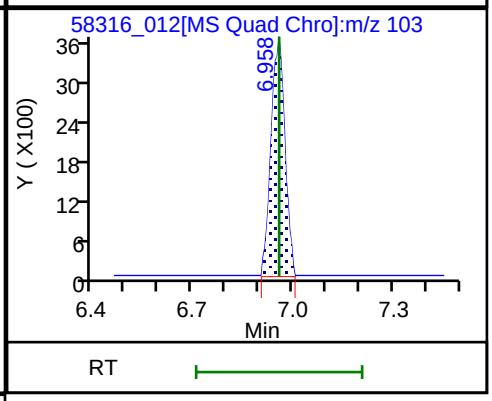
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

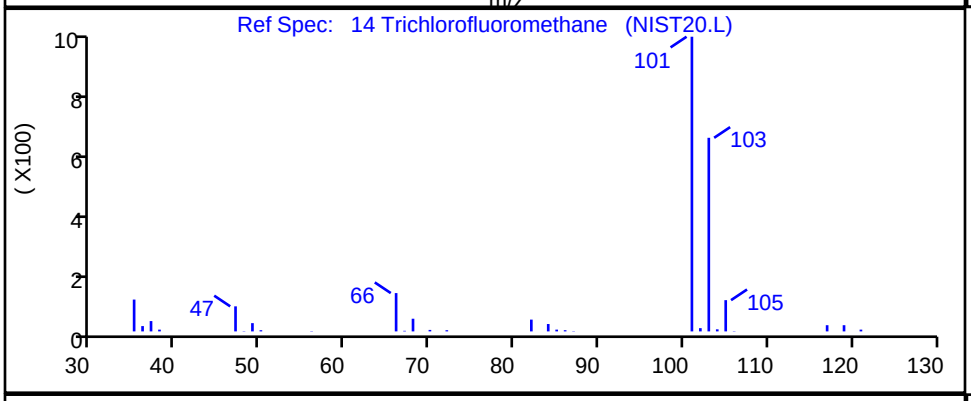
14 Trichlorofluoromethane, CAS: 75-69-4

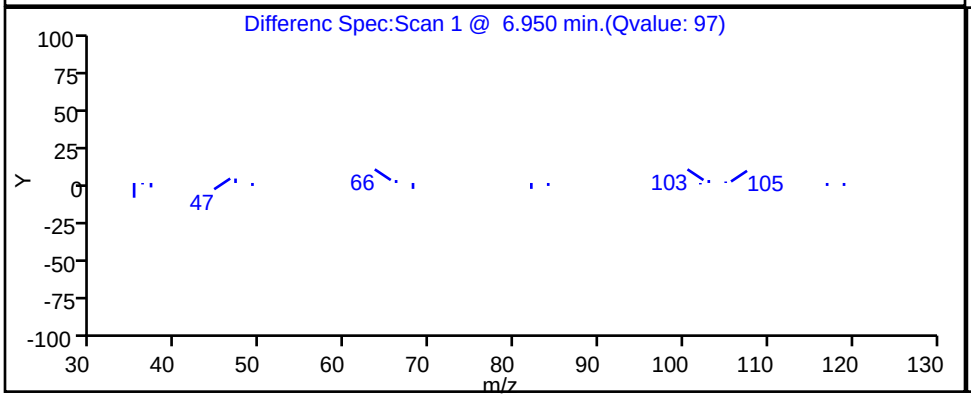


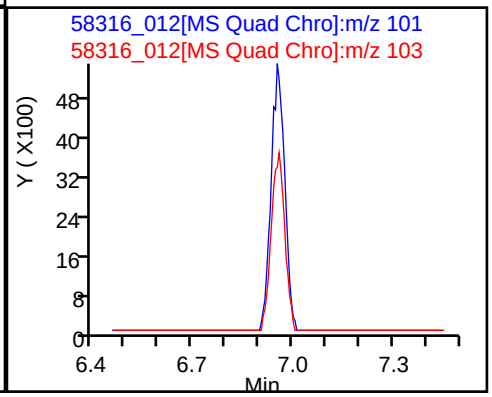








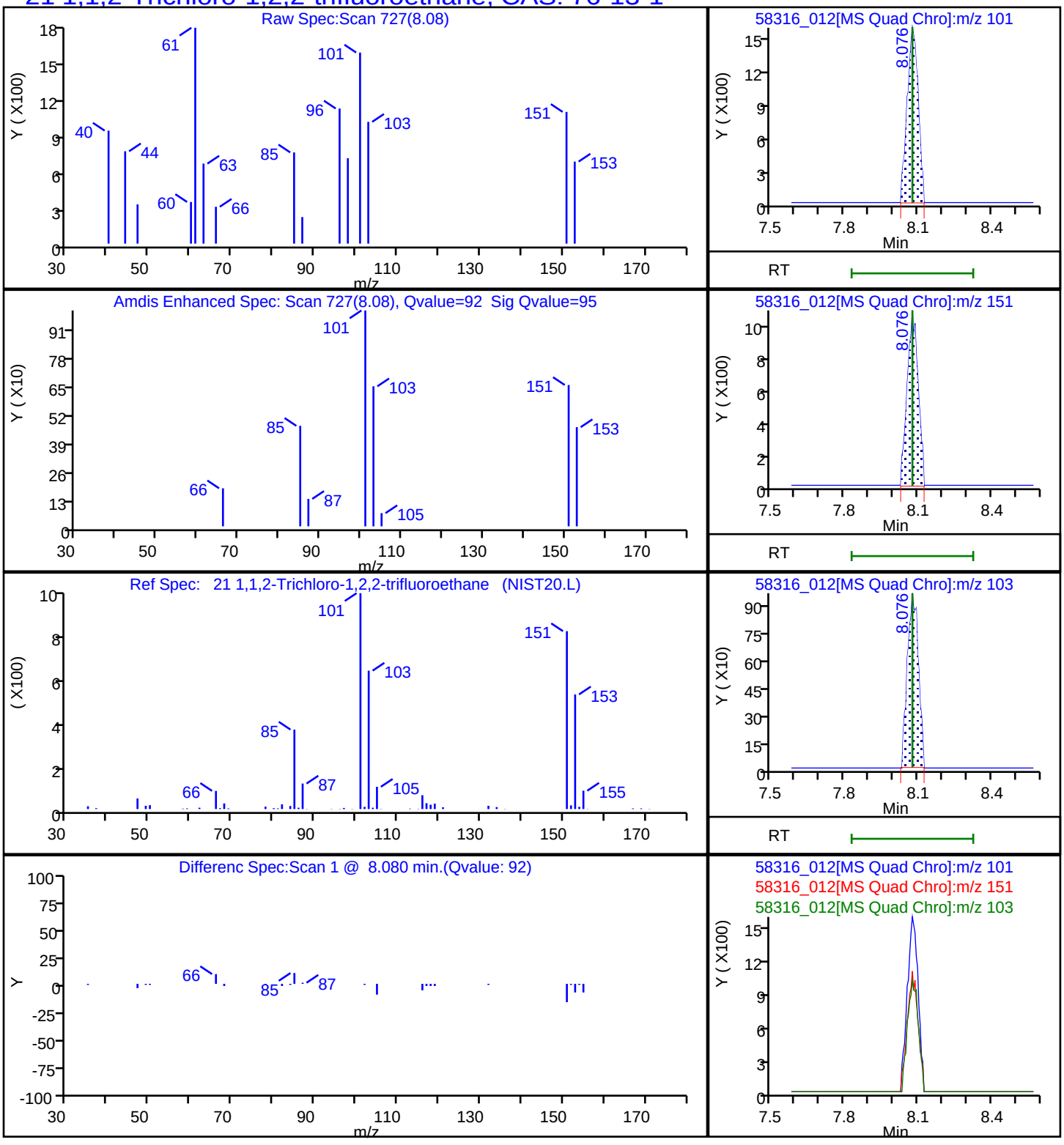




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

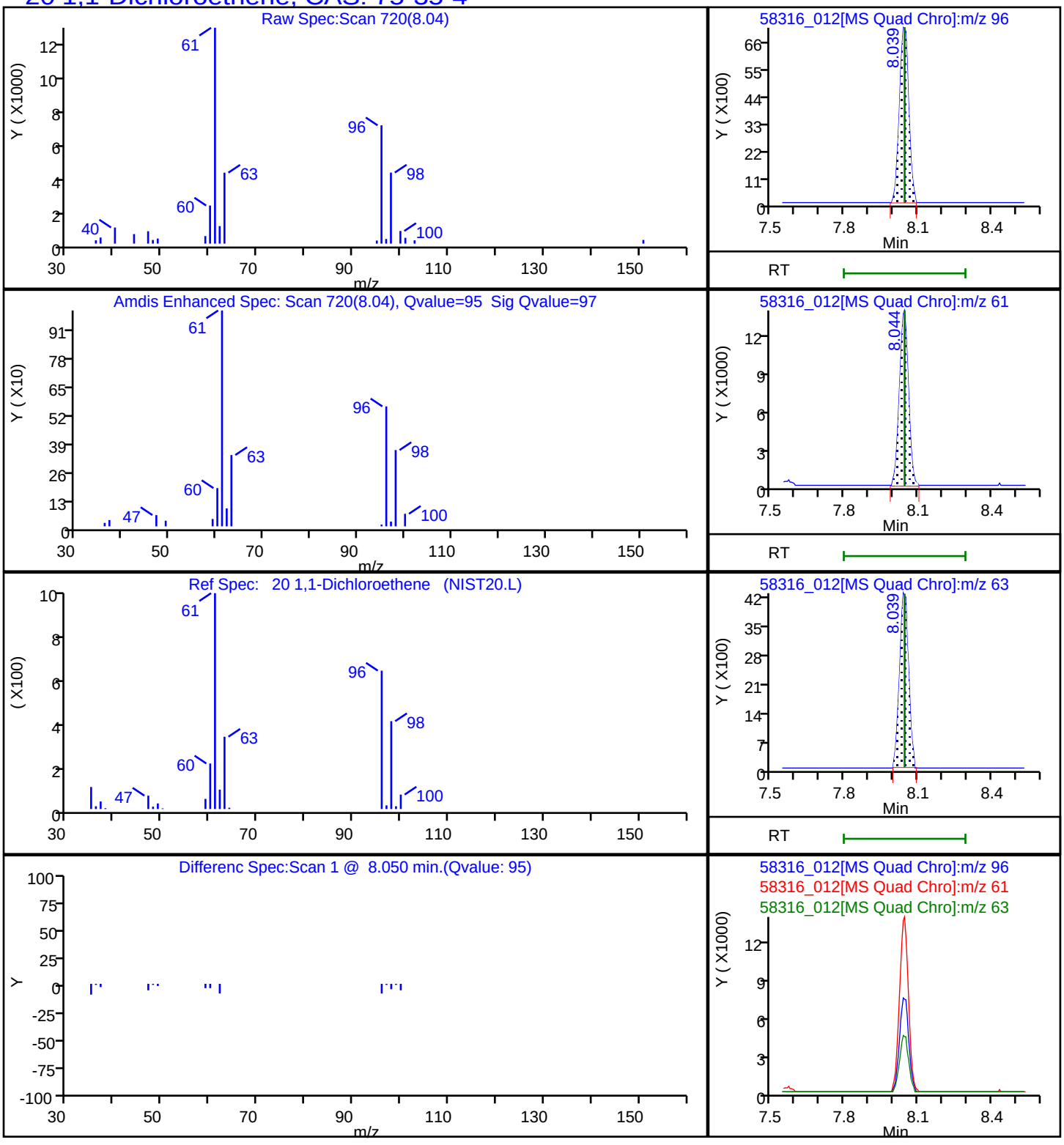
21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

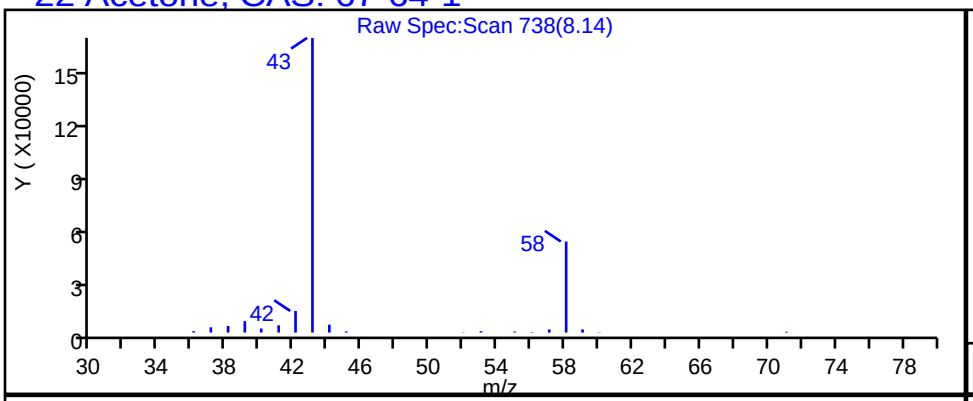
20 1,1-Dichloroethene, CAS: 75-35-4

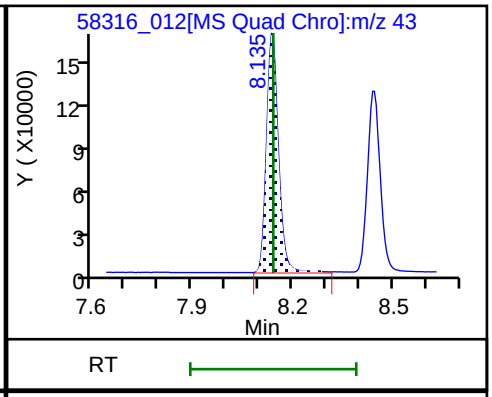


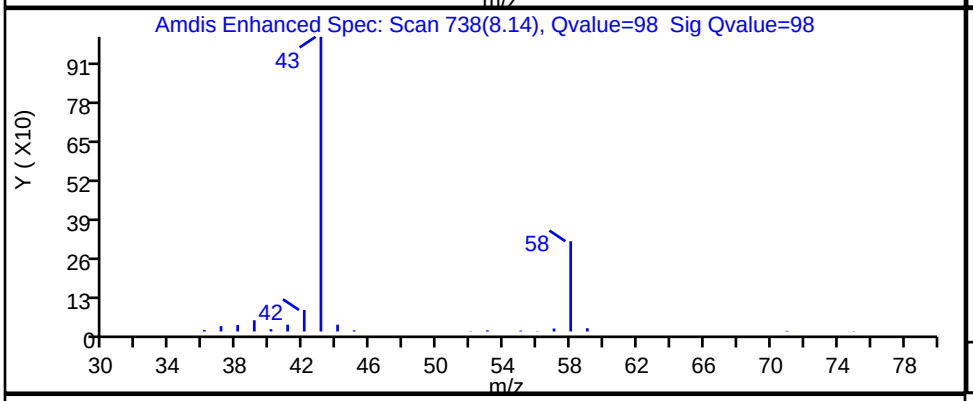
Eurofins Burlington

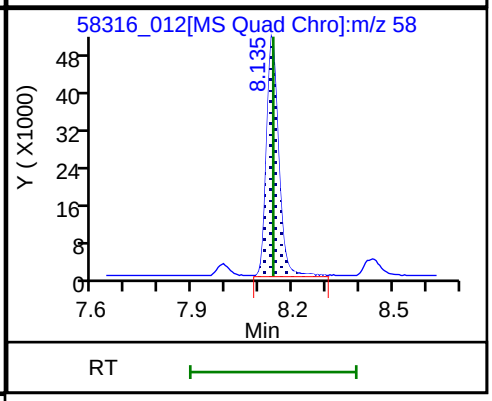
Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

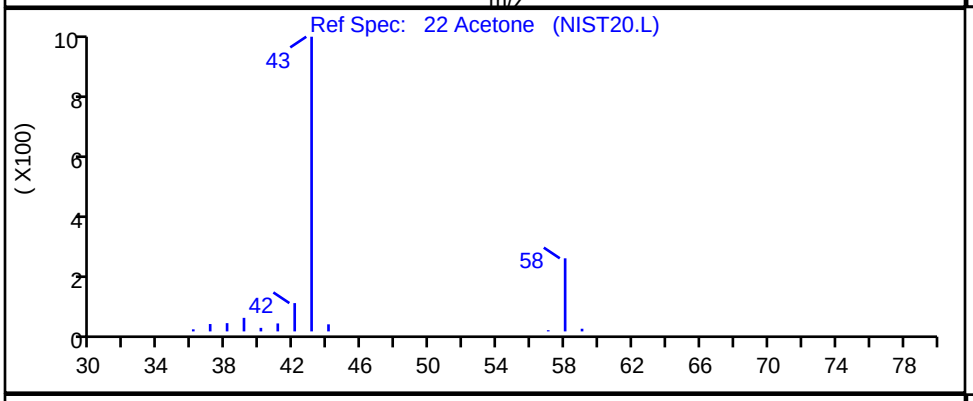
22 Acetone, CAS: 67-64-1

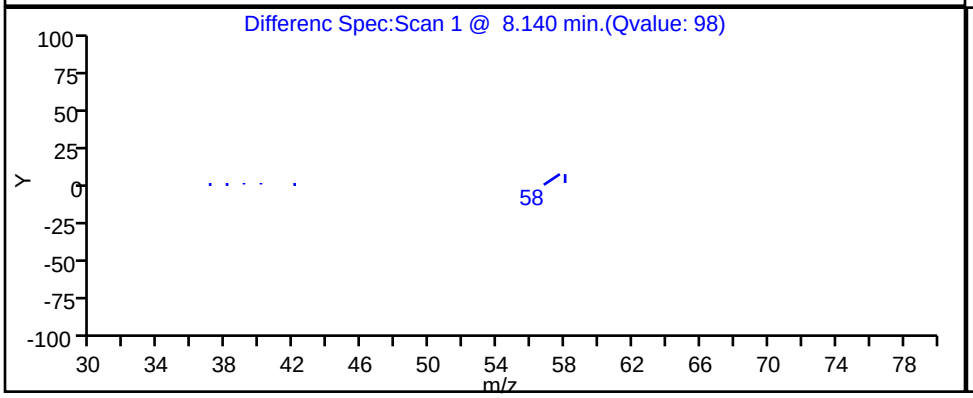


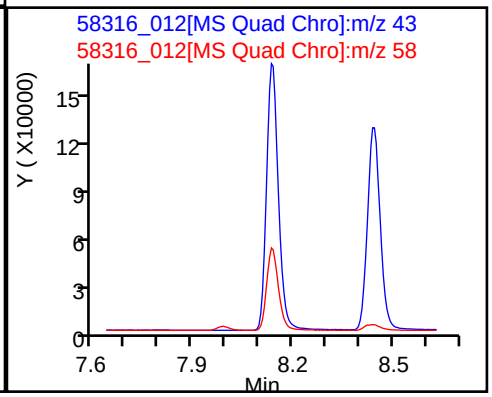








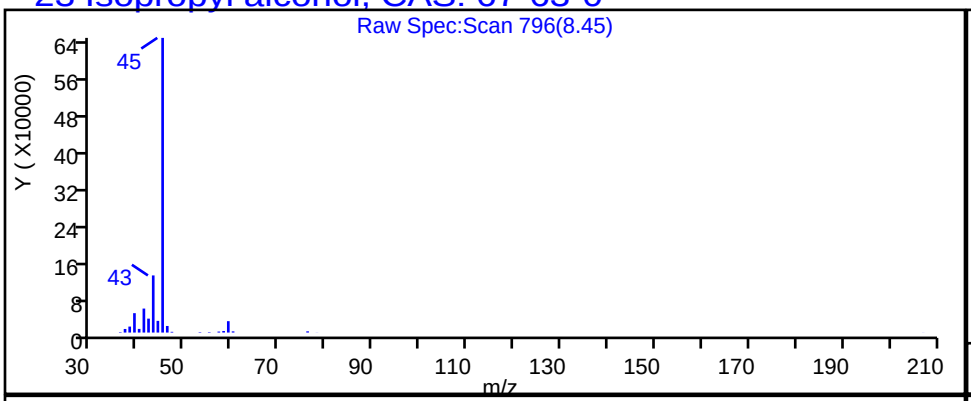


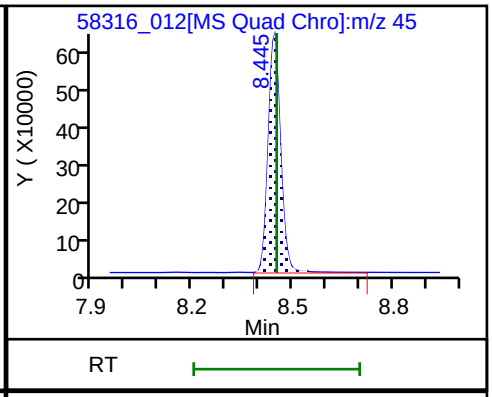


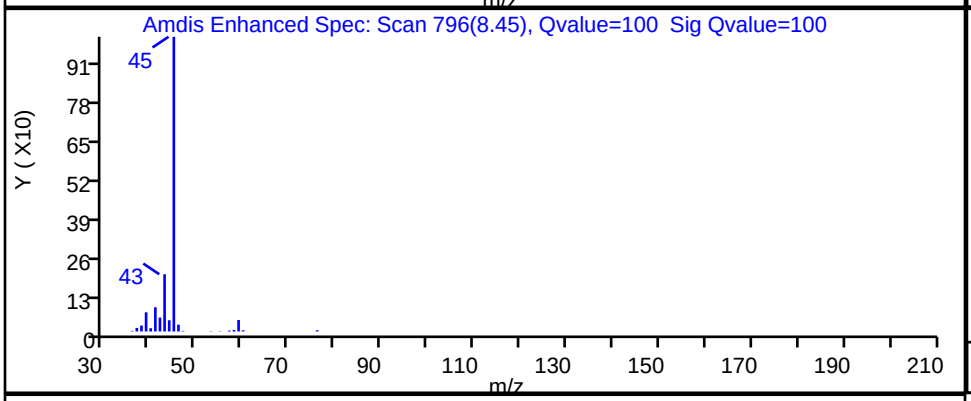
Eurofins Burlington

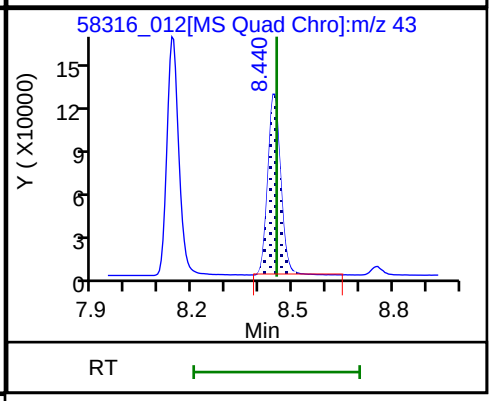
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

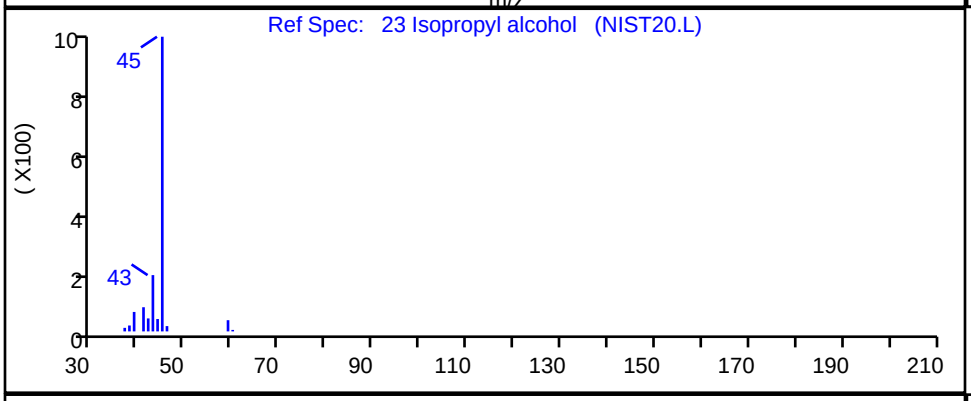
23 Isopropyl alcohol, CAS: 67-63-0

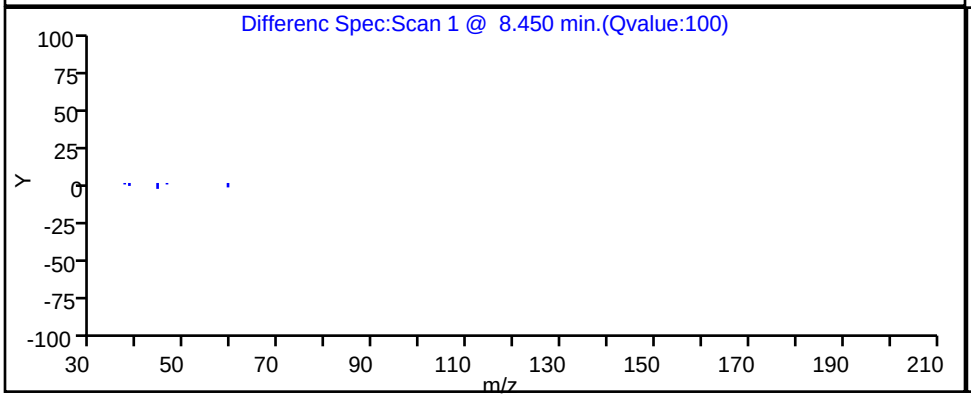


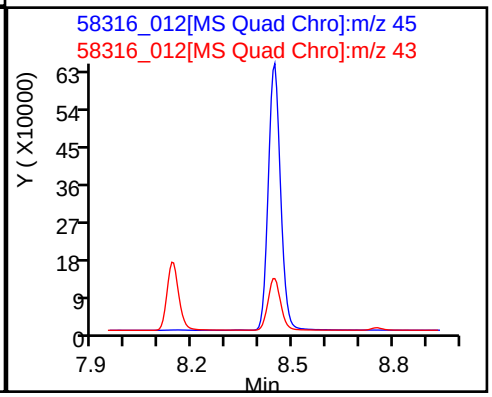








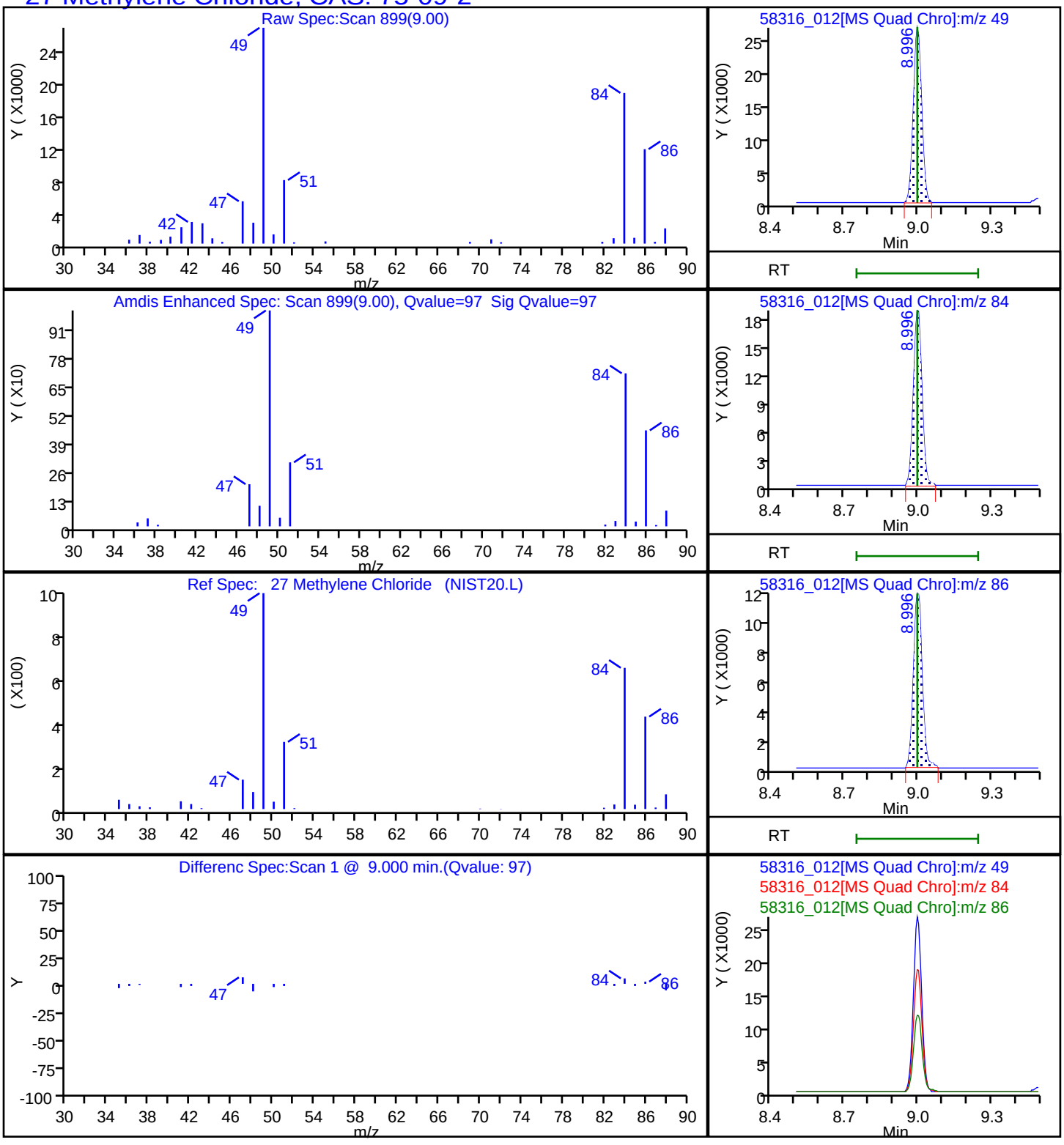




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

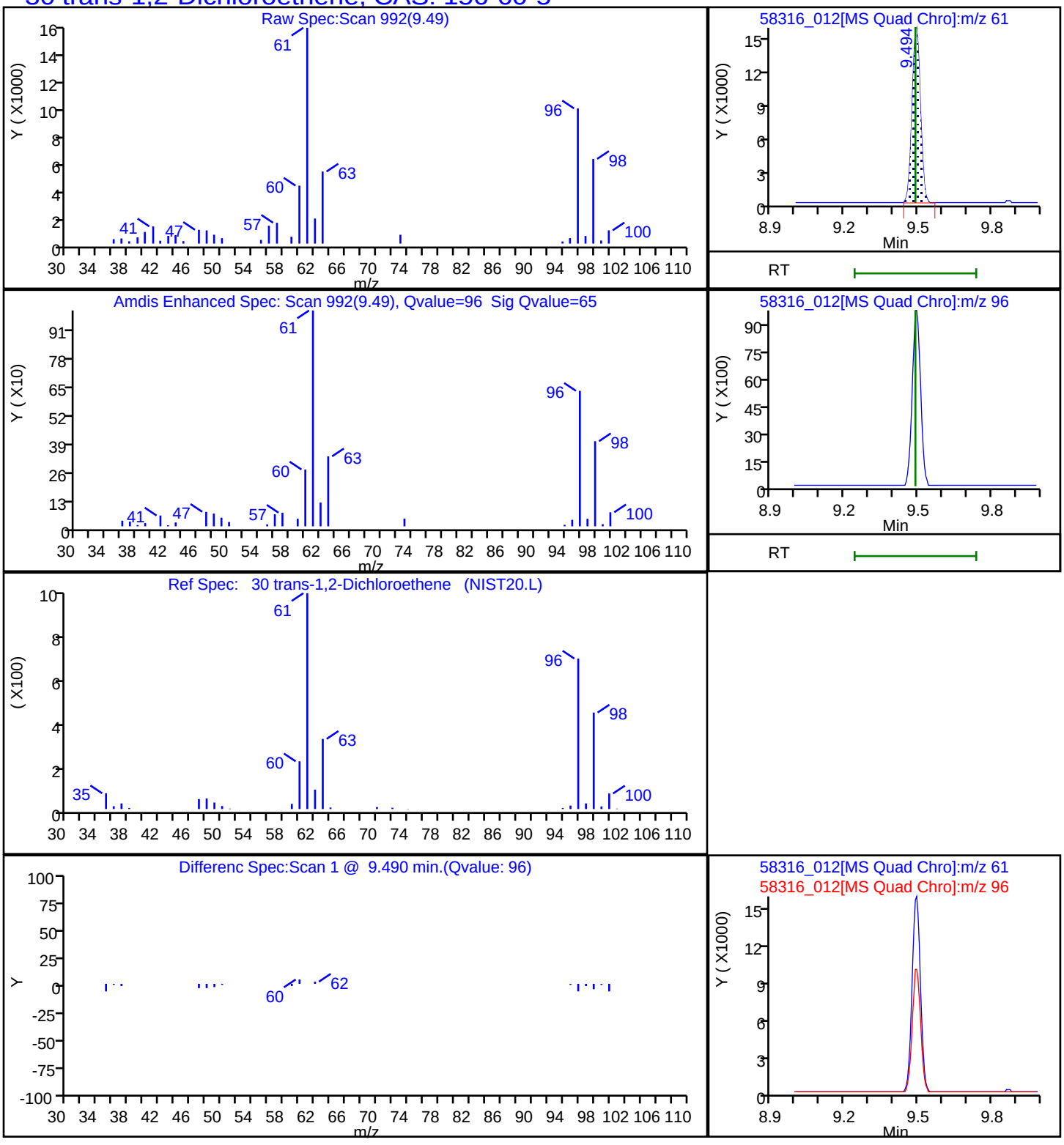
27 Methylene Chloride, CAS: 75-09-2



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

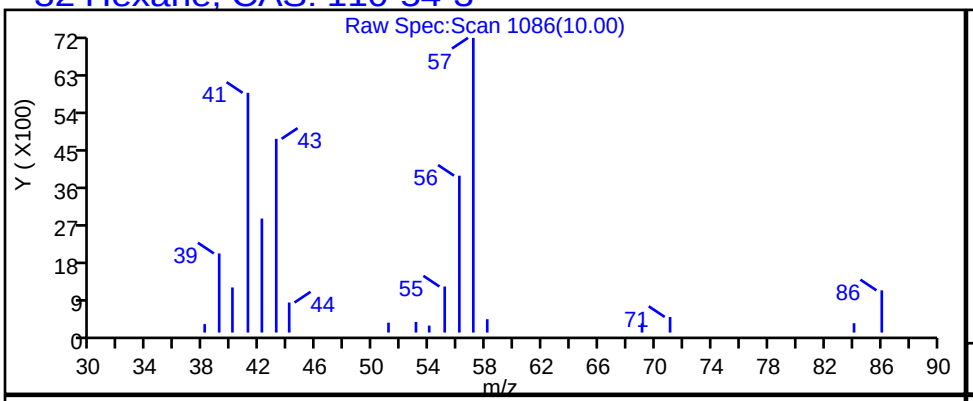
30 trans-1,2-Dichloroethene, CAS: 156-60-5

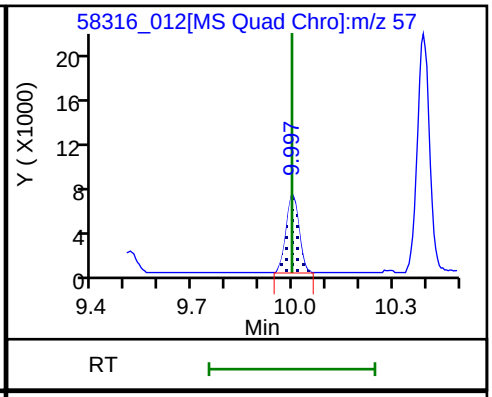


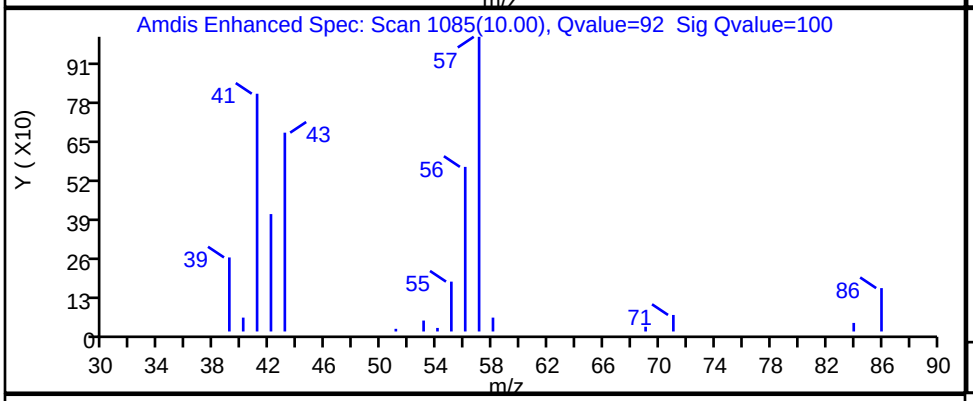
Eurofins Burlington

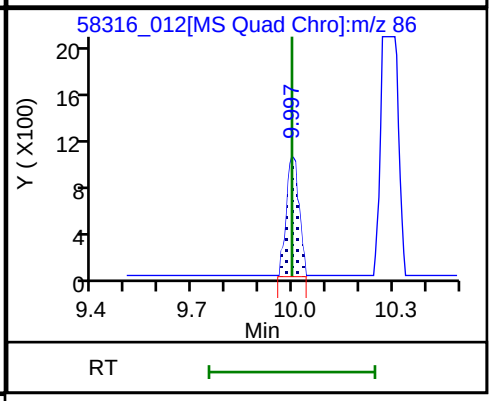
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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

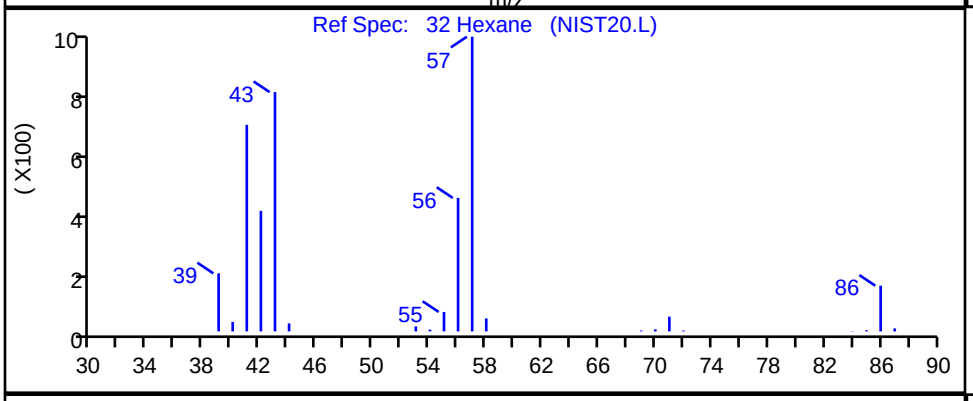
32 Hexane, CAS: 110-54-3

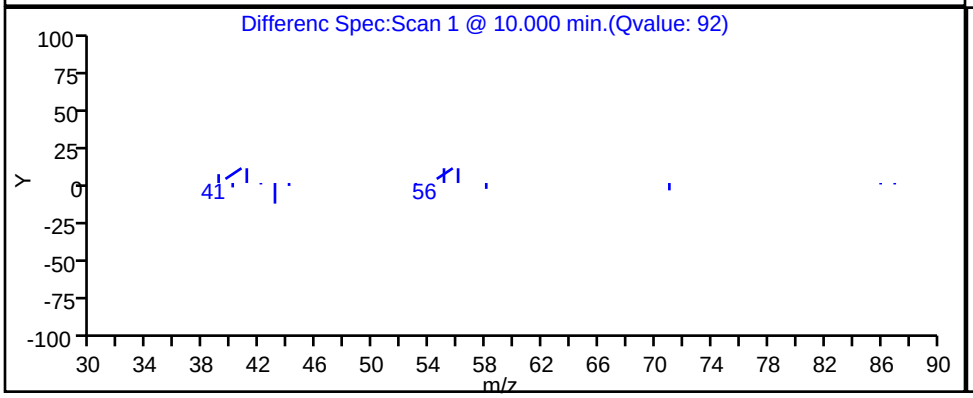


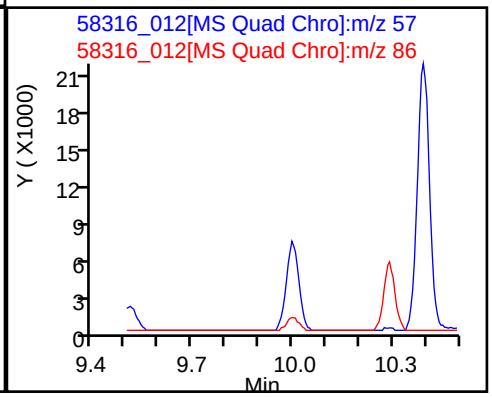








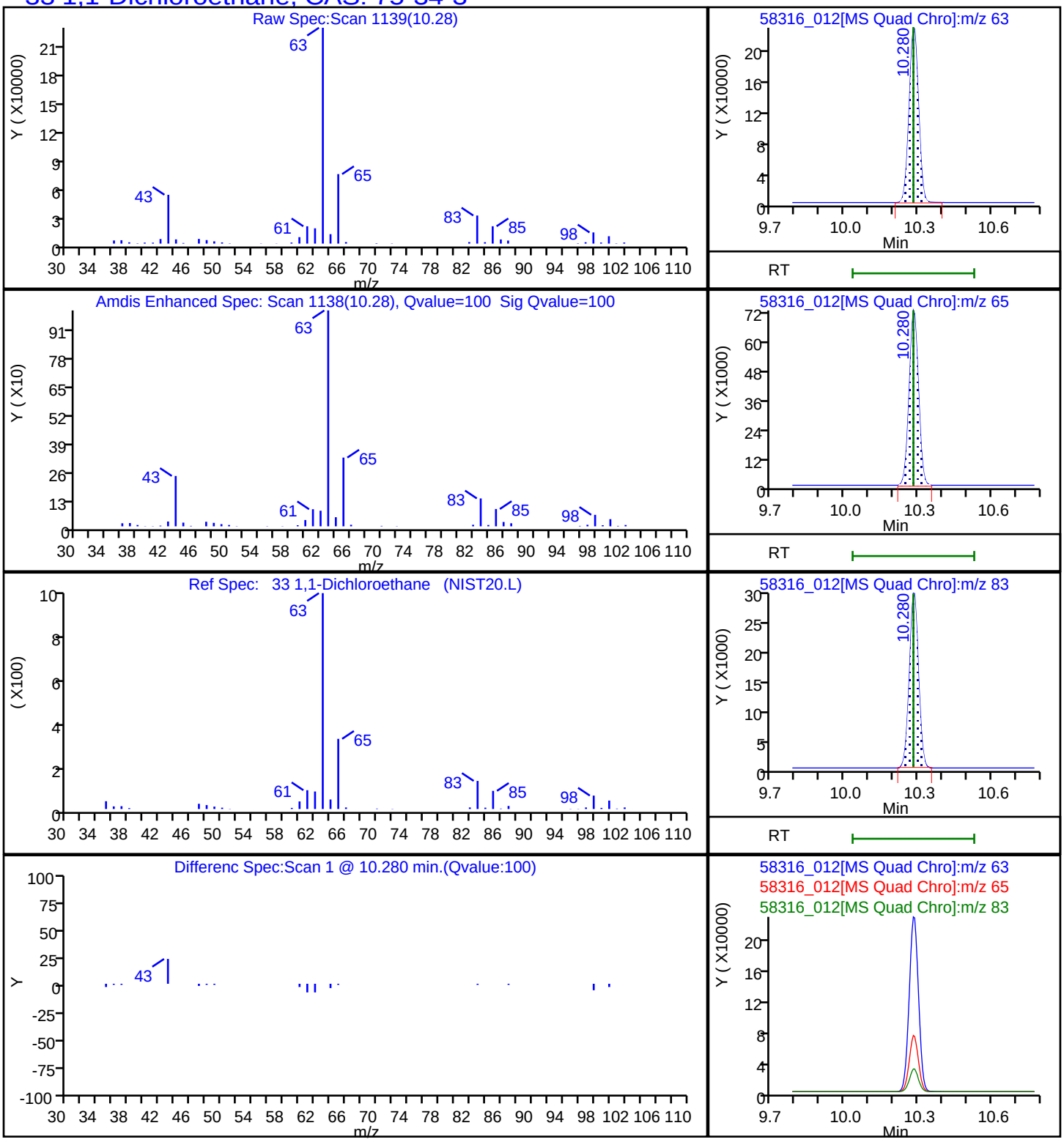




Eurofins Burlington

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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

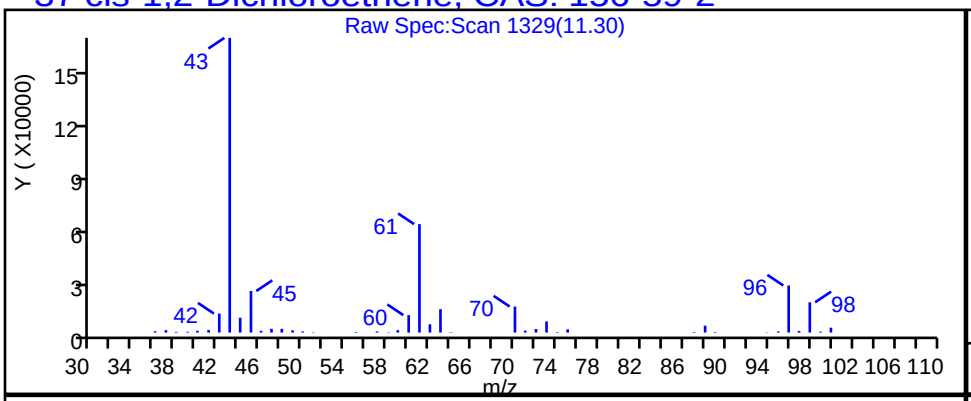
33 1,1-Dichloroethane, CAS: 75-34-3

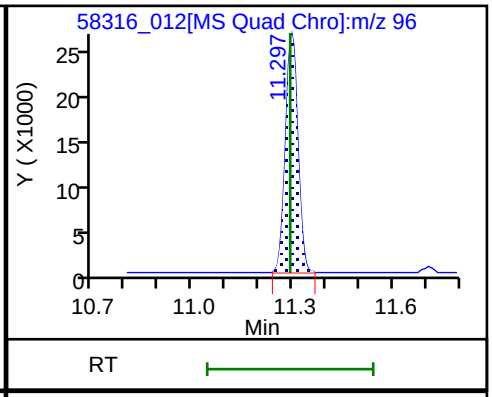


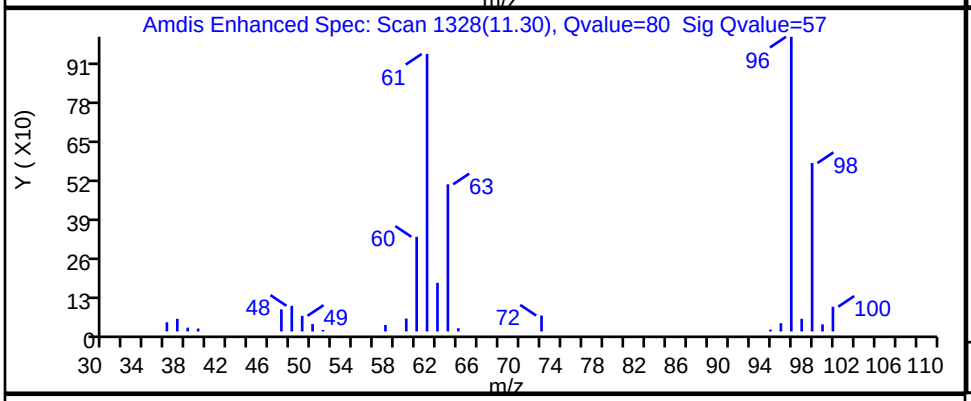
Eurofins Burlington

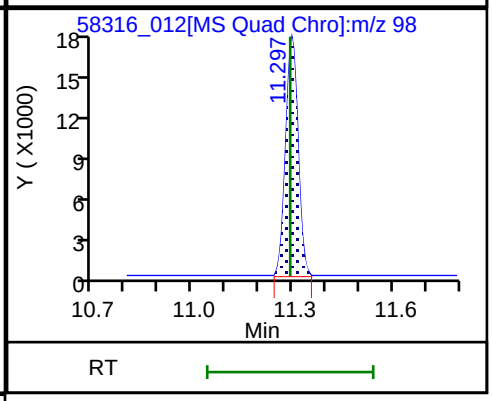
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

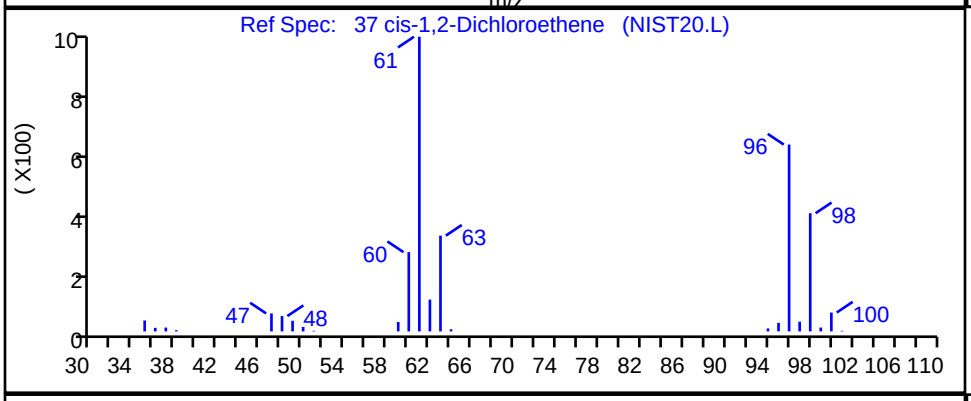
37 cis-1,2-Dichloroethene, CAS: 156-59-2

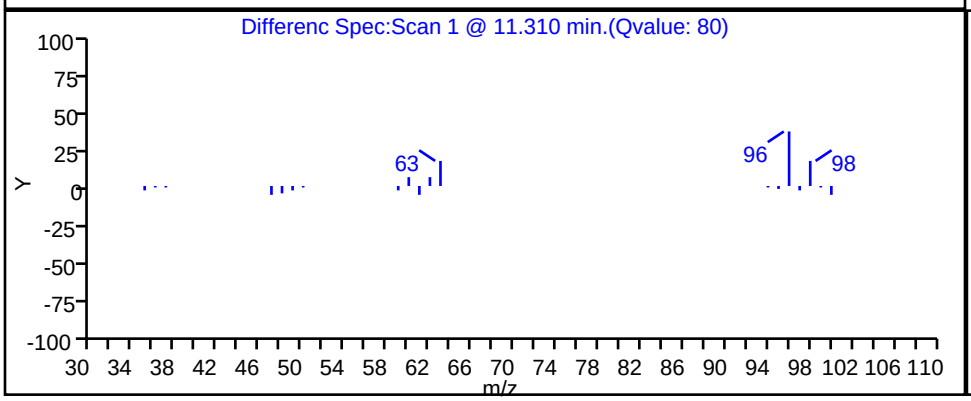


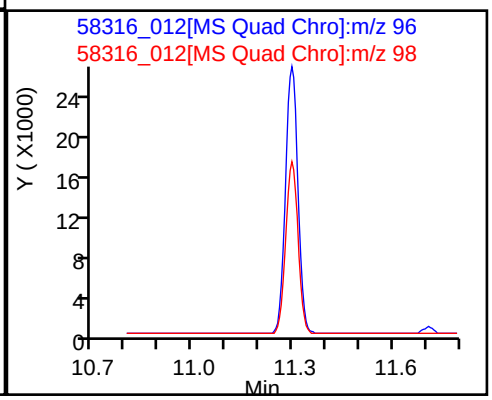








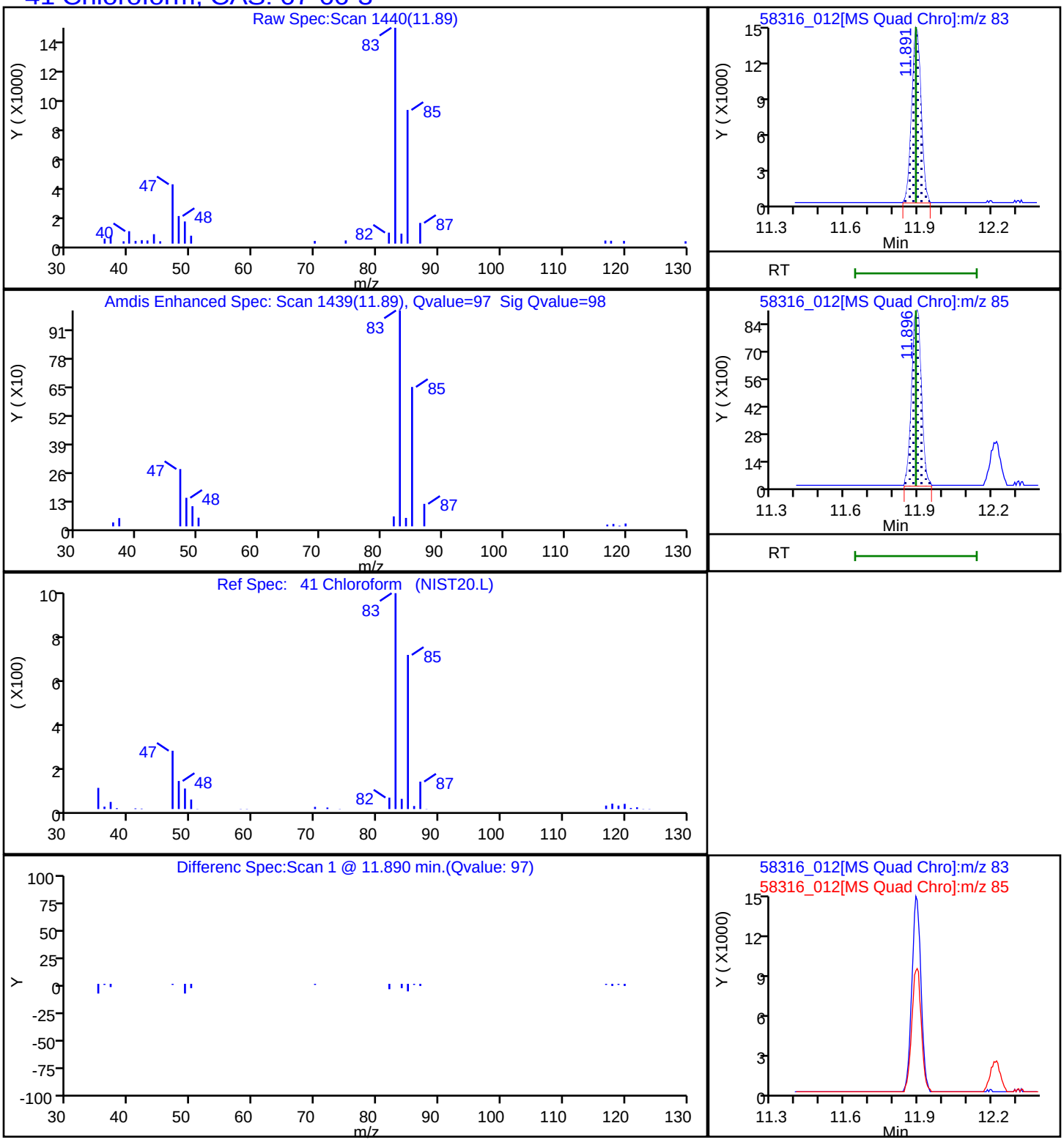




Eurofins Burlington

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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

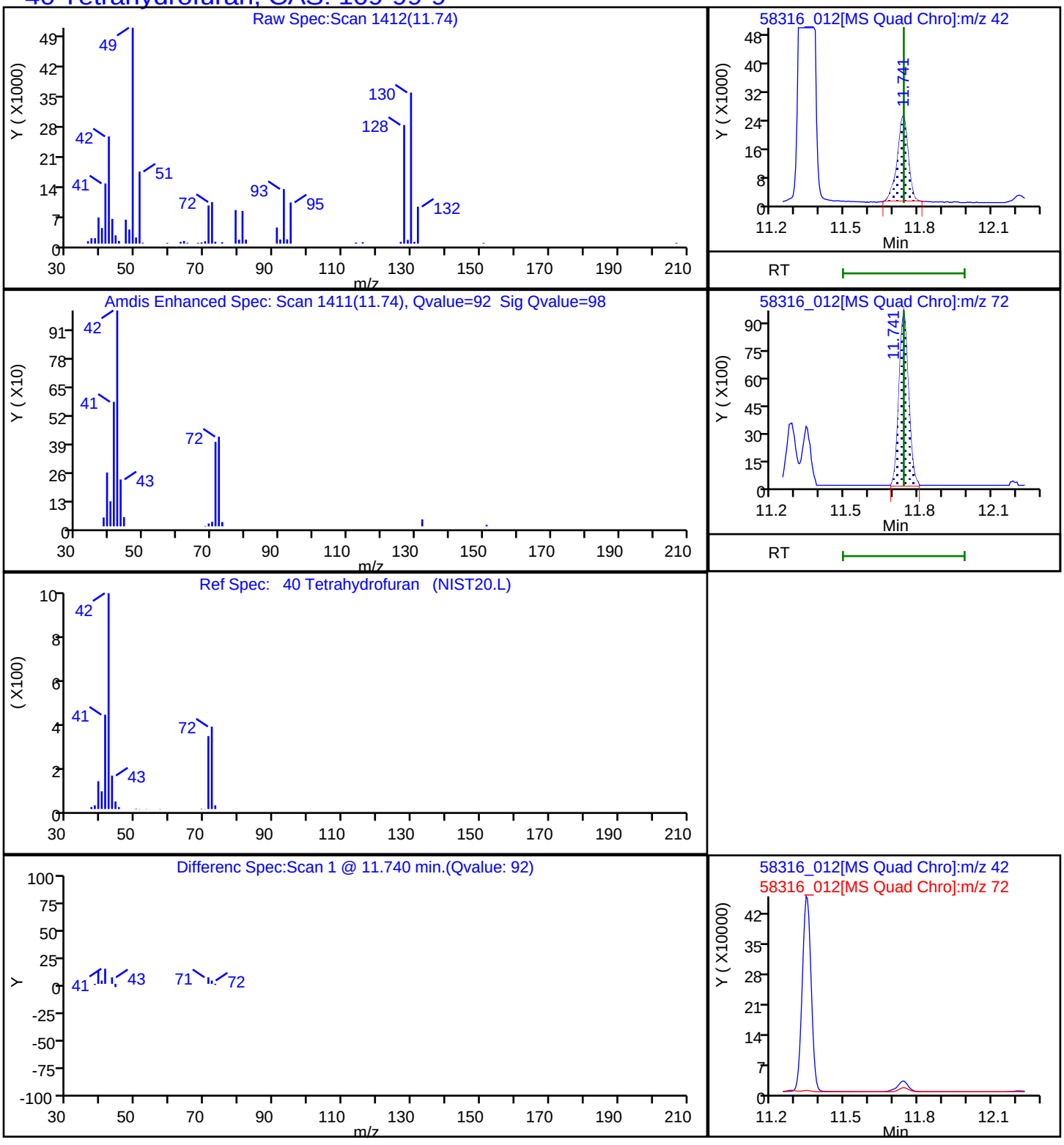
41 Chloroform, CAS: 67-66-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

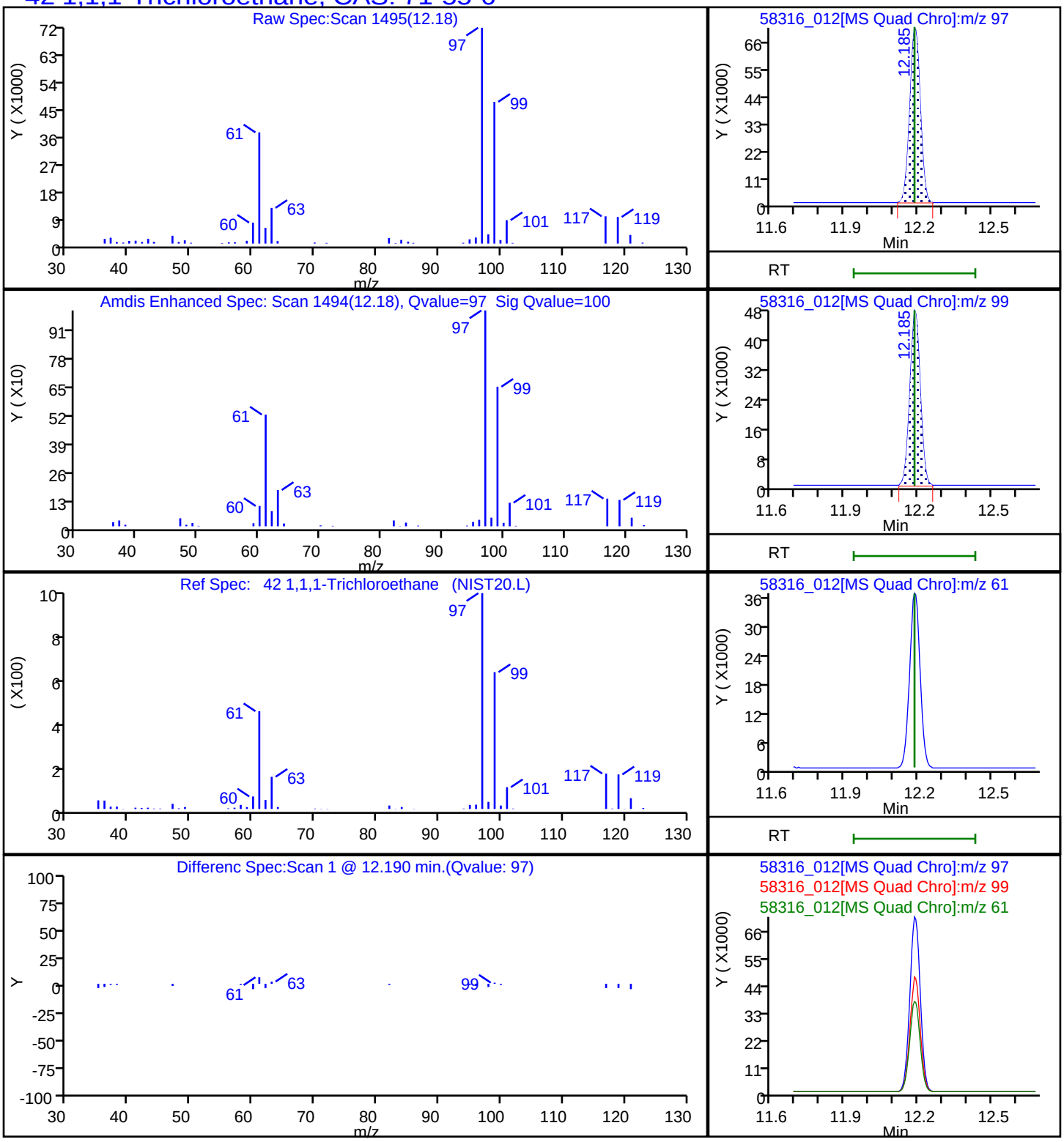
40 Tetrahydrofuran, CAS: 109-99-9



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

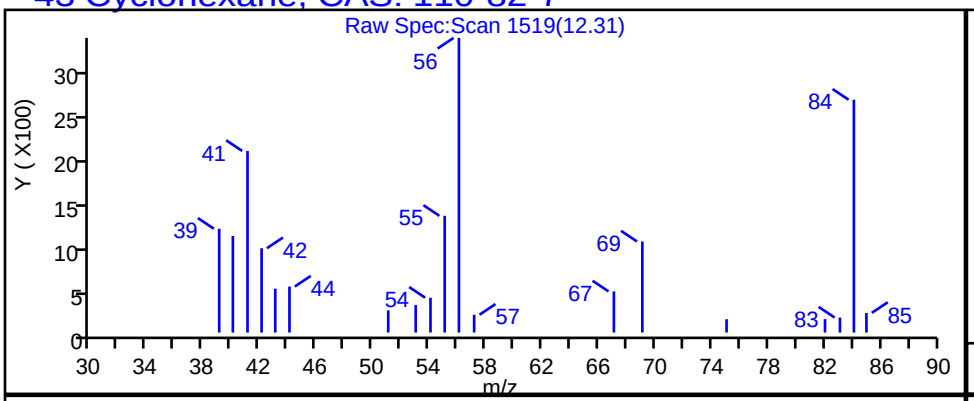
42 1,1,1-Trichloroethane, CAS: 71-55-6

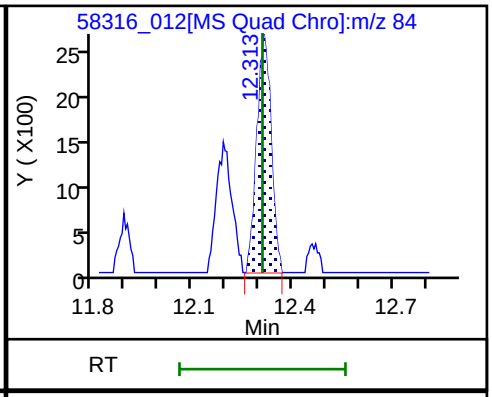


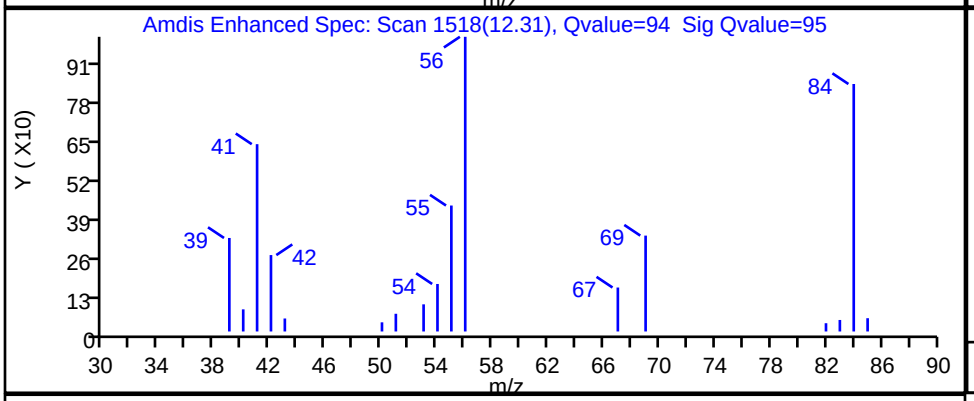
Eurofins Burlington

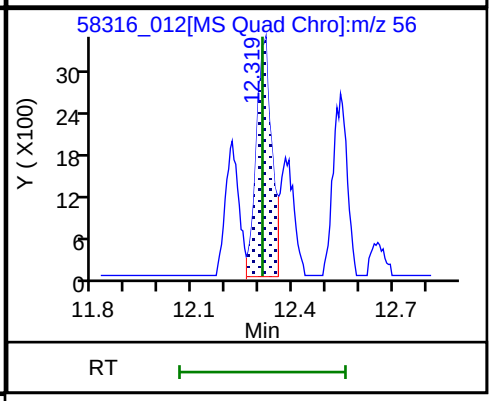
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Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

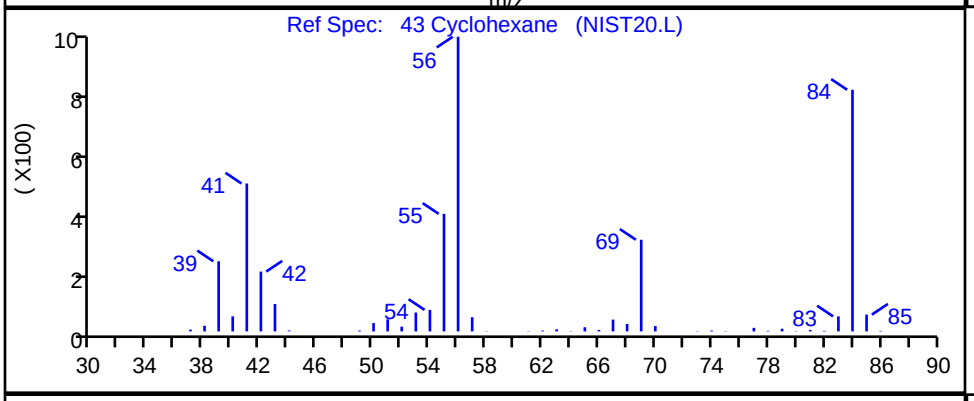
43 Cyclohexane, CAS: 110-82-7

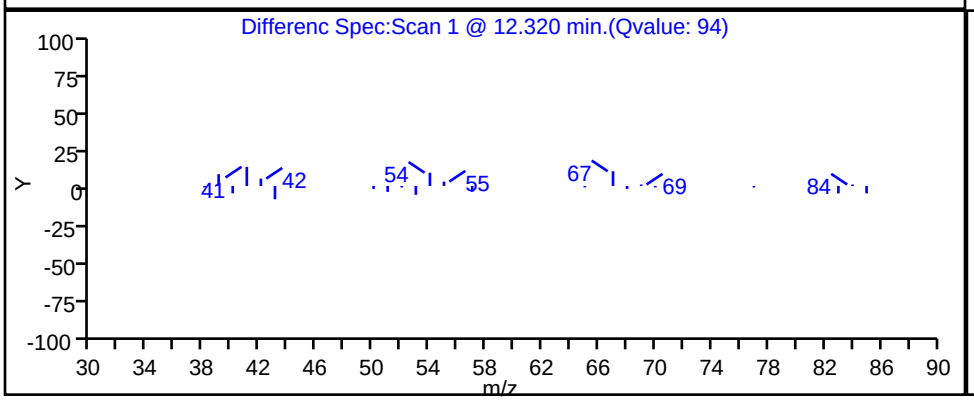


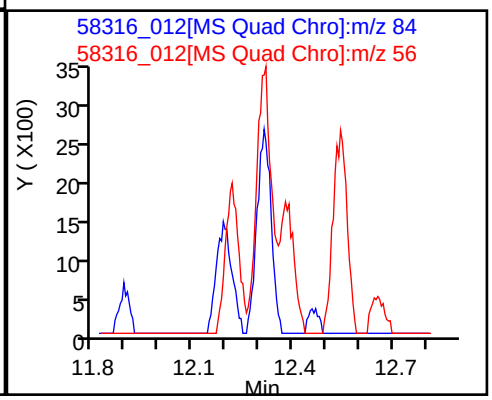








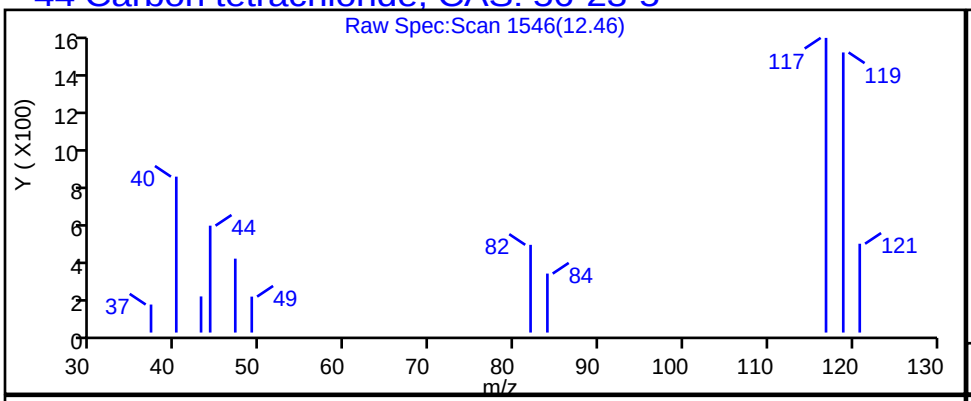


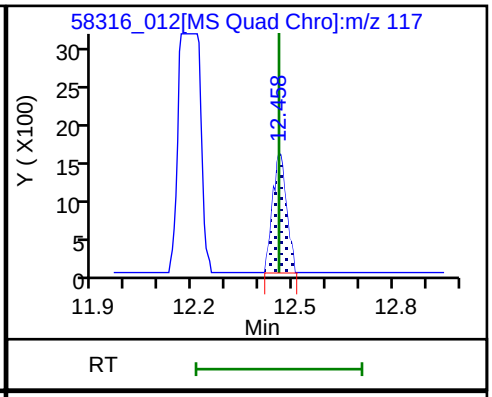


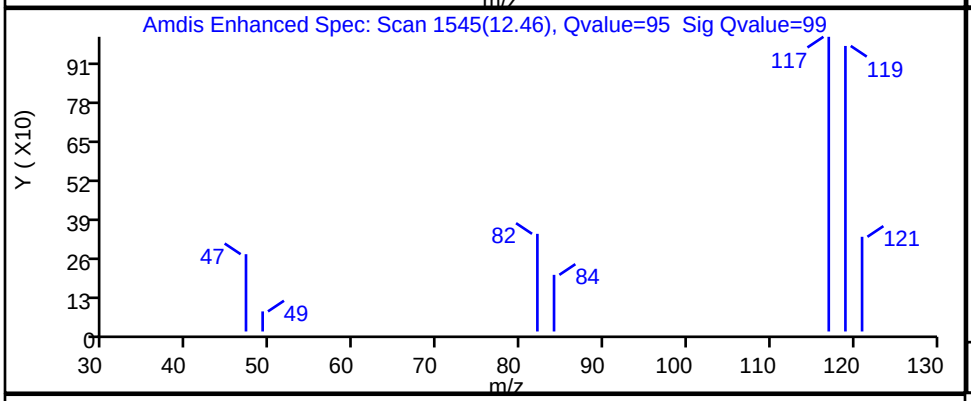
Eurofins Burlington

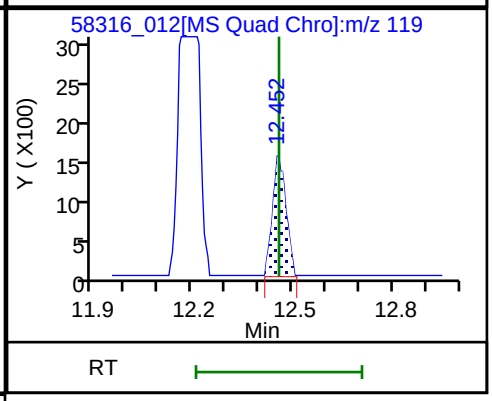
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Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

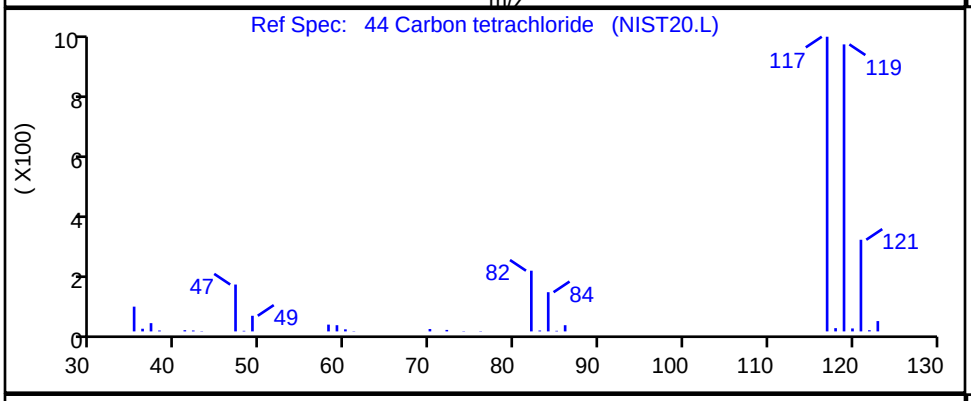
44 Carbon tetrachloride, CAS: 56-23-5

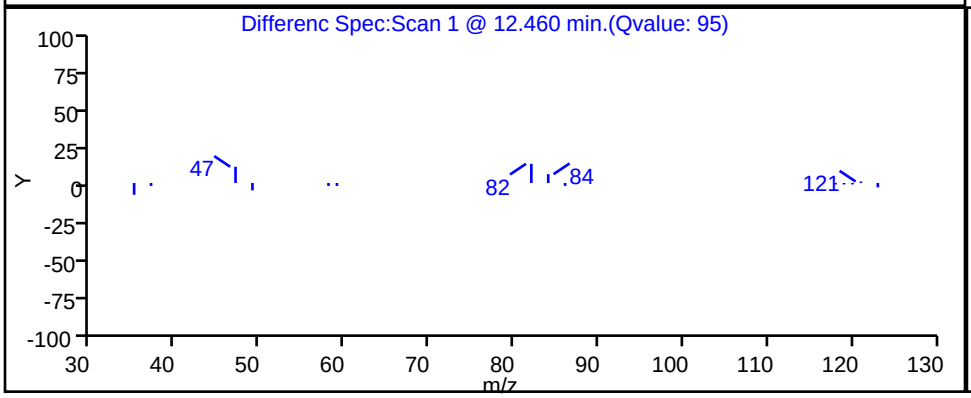


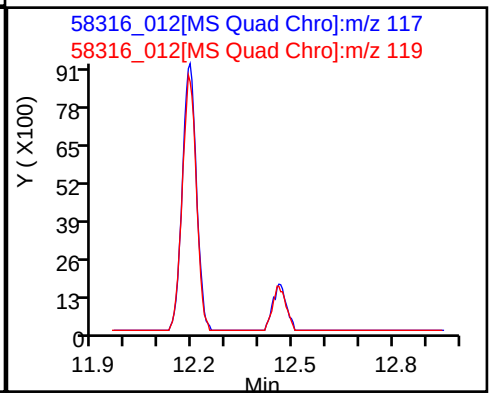








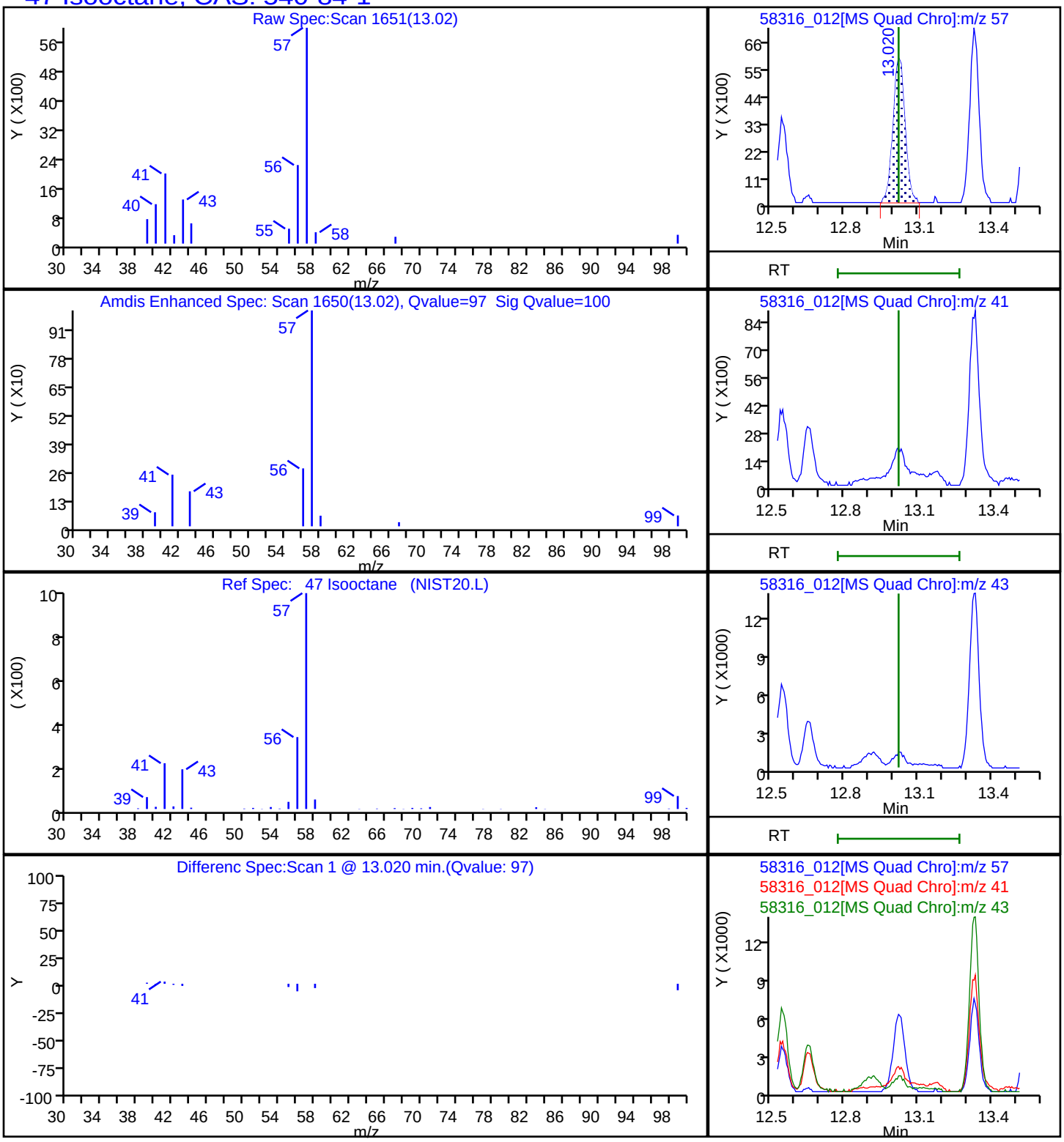




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

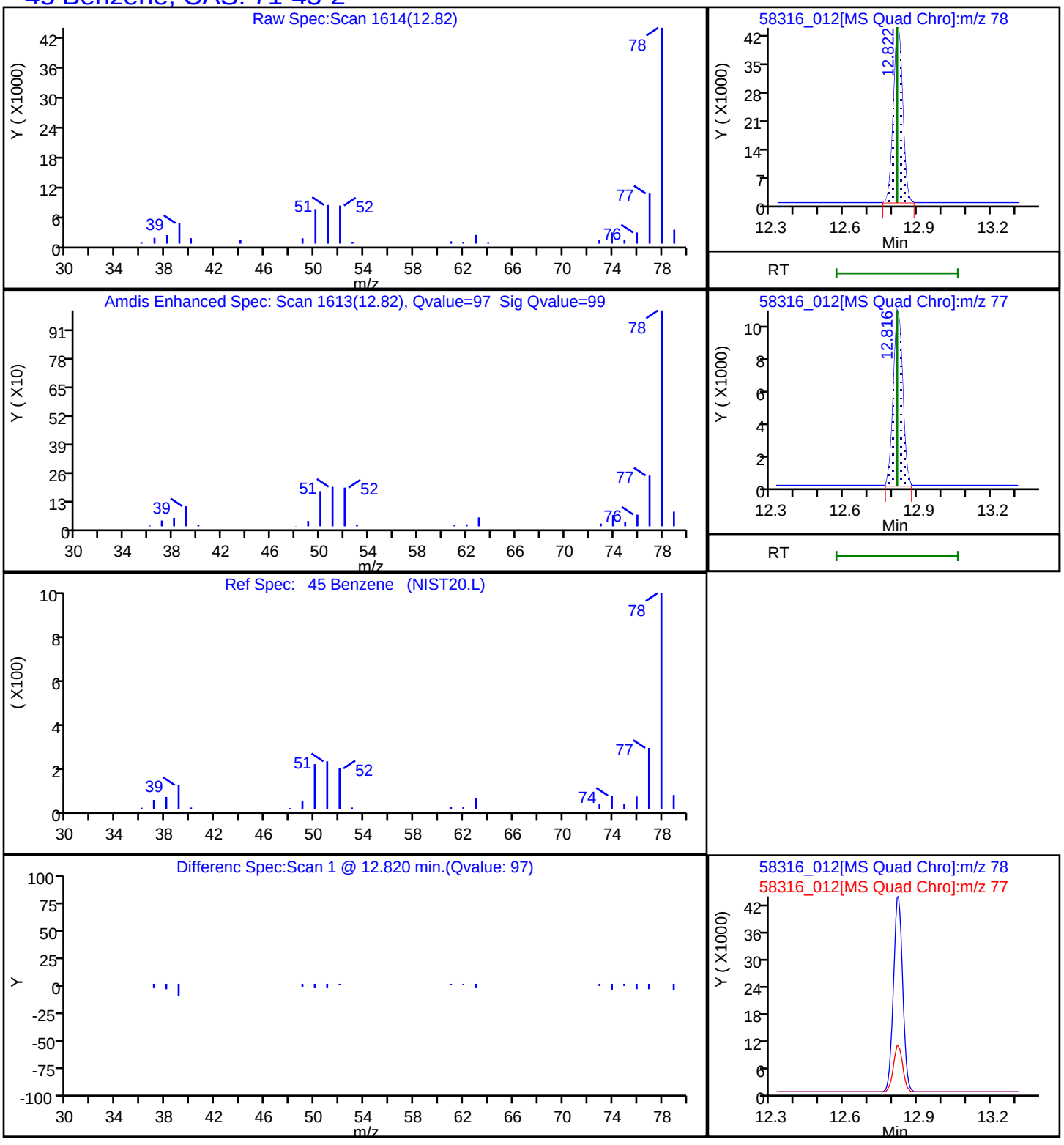
47 Isooctane, CAS: 540-84-1



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

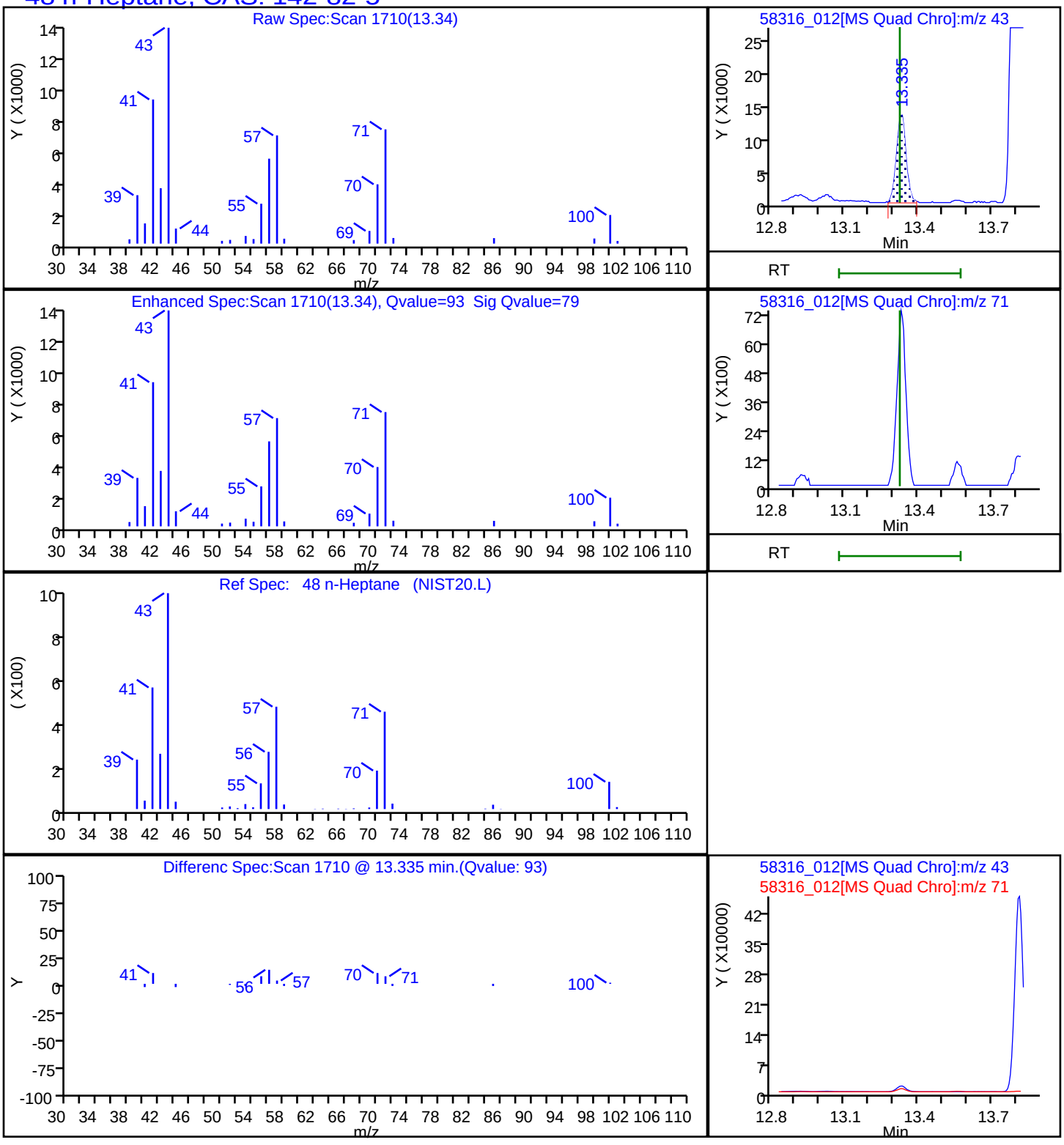
45 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
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Column: RTX-624 (0.32 mm) Detector MS SCAN

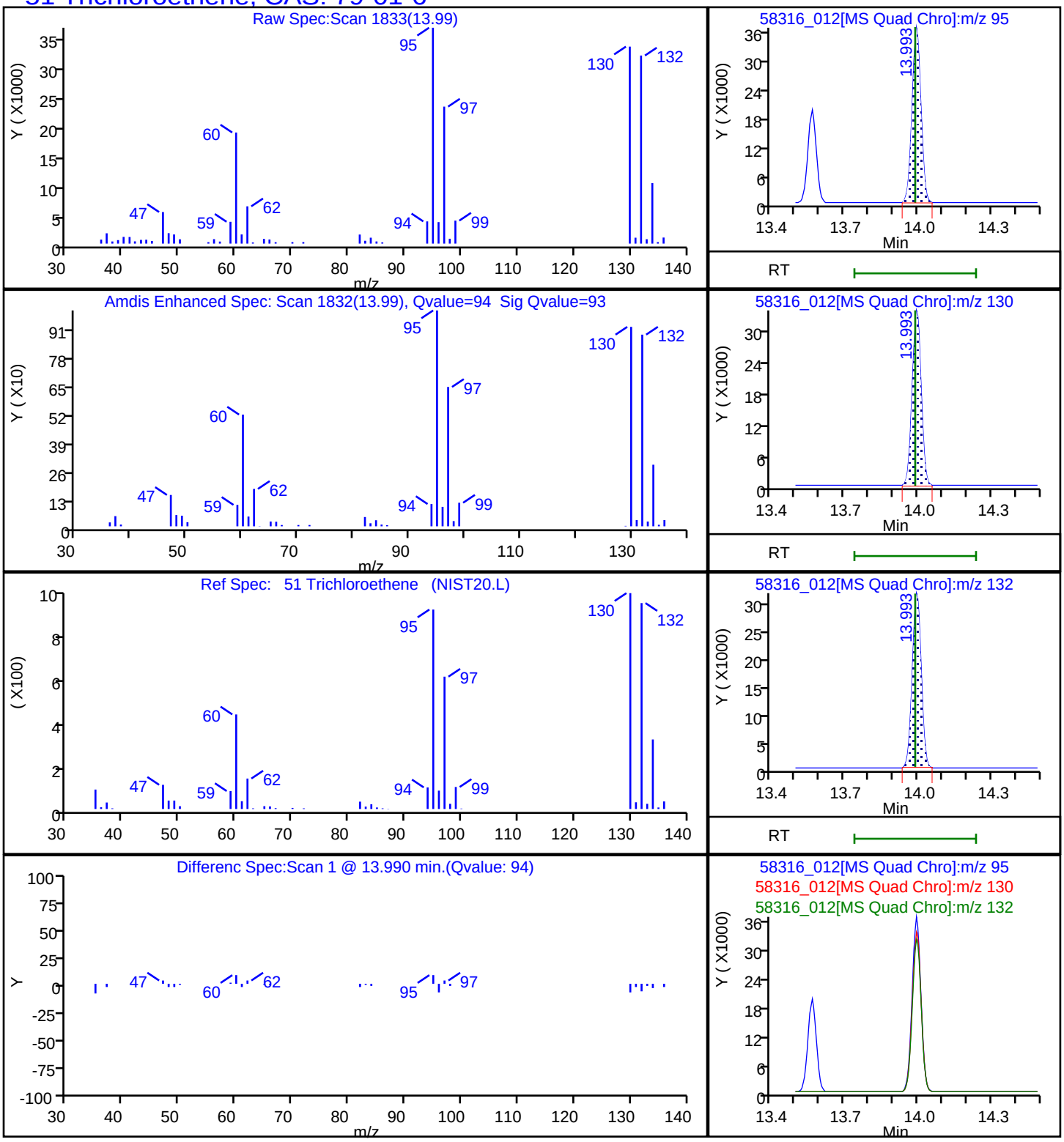
48 n-Heptane, CAS: 142-82-5



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

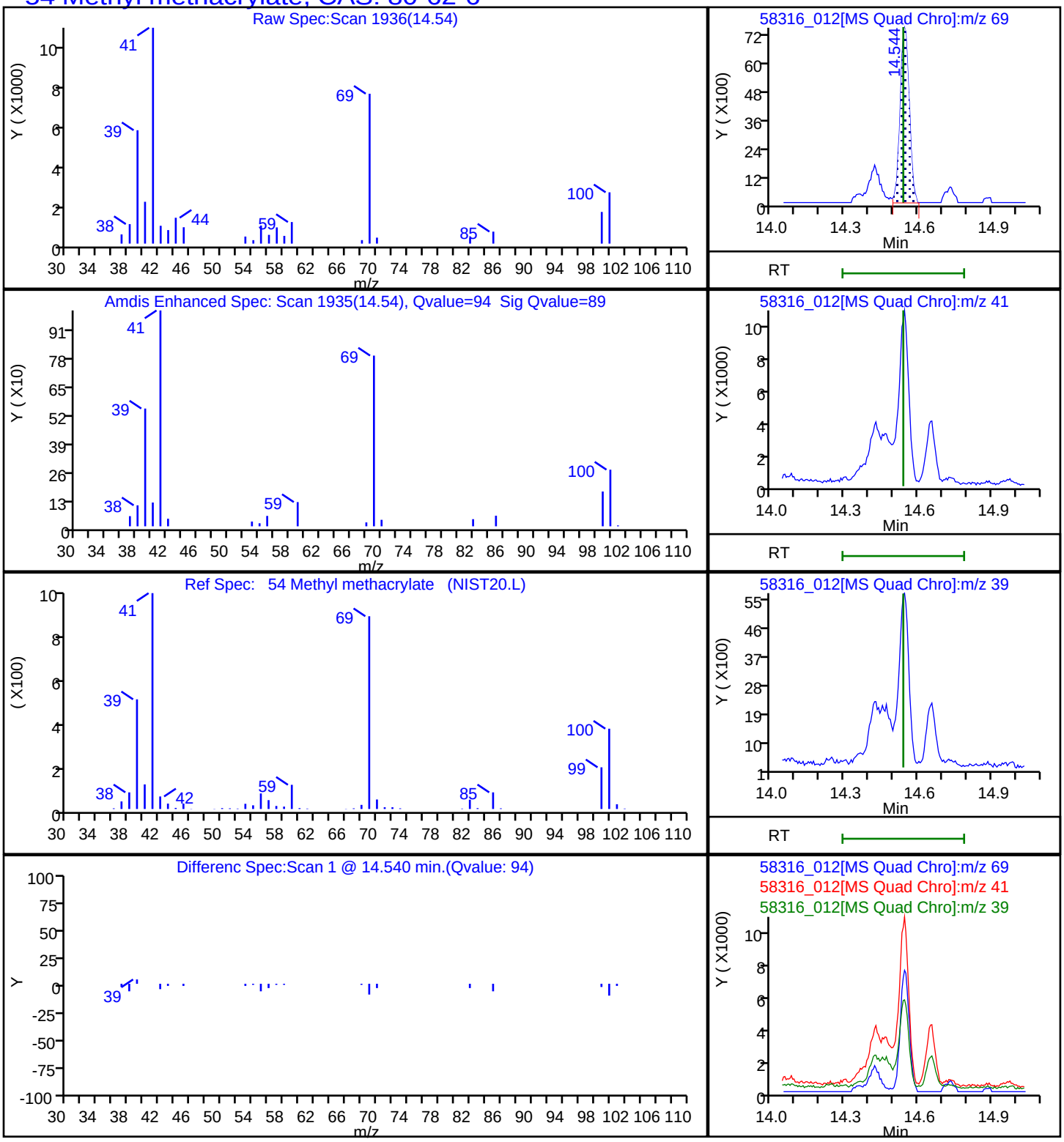
51 Trichloroethene, CAS: 79-01-6



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

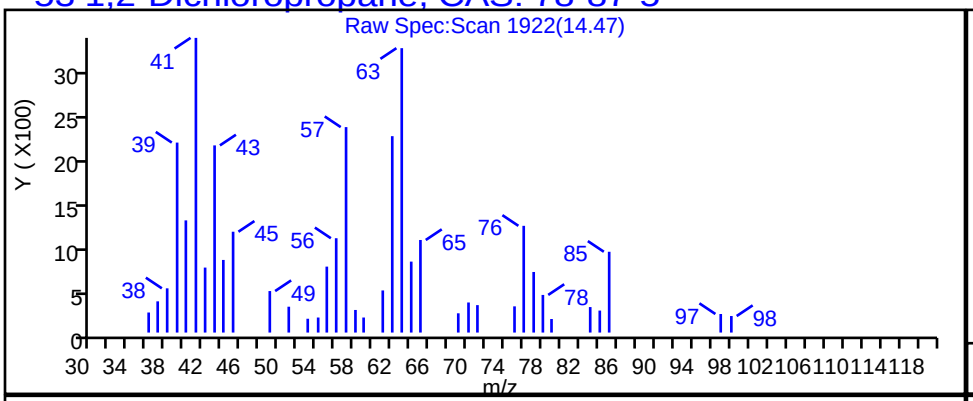
54 Methyl methacrylate, CAS: 80-62-6

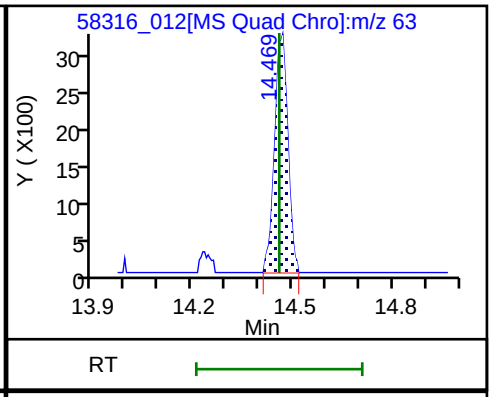


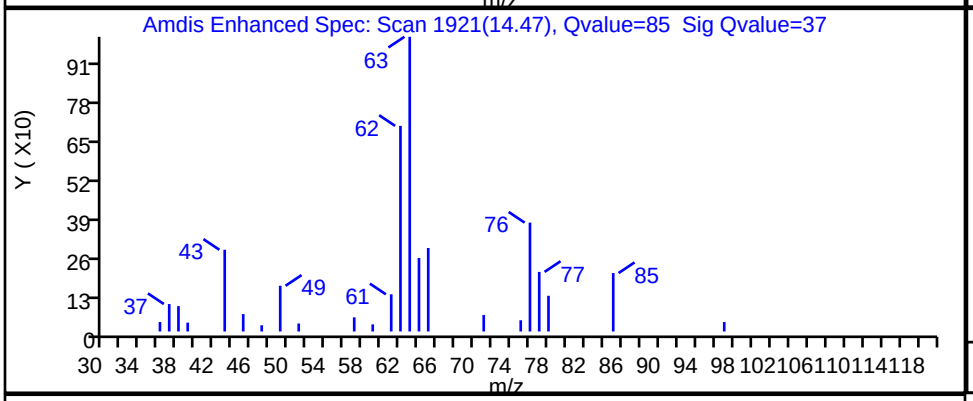
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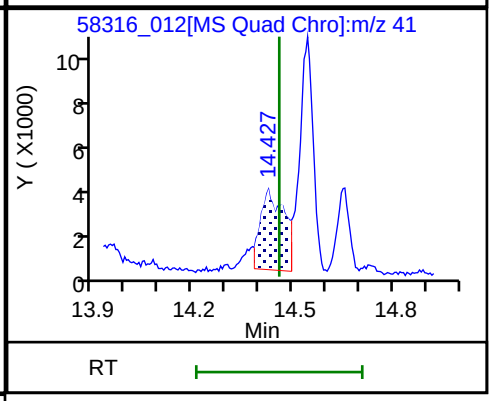
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Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

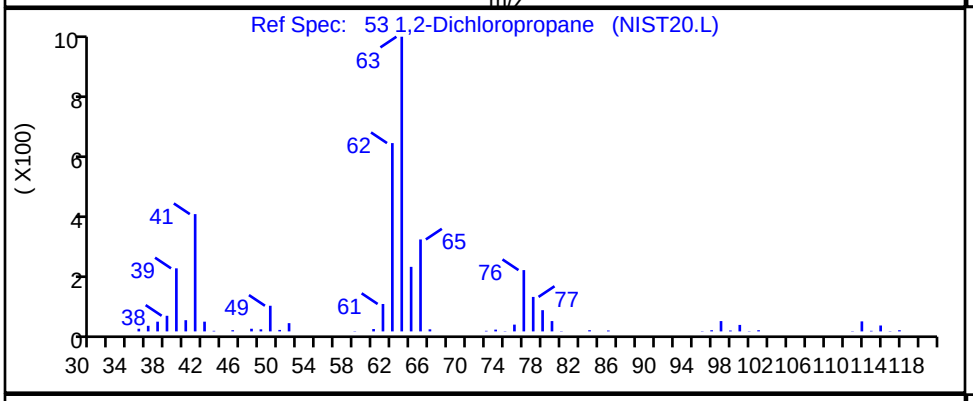
53 1,2-Dichloropropane, CAS: 78-87-5

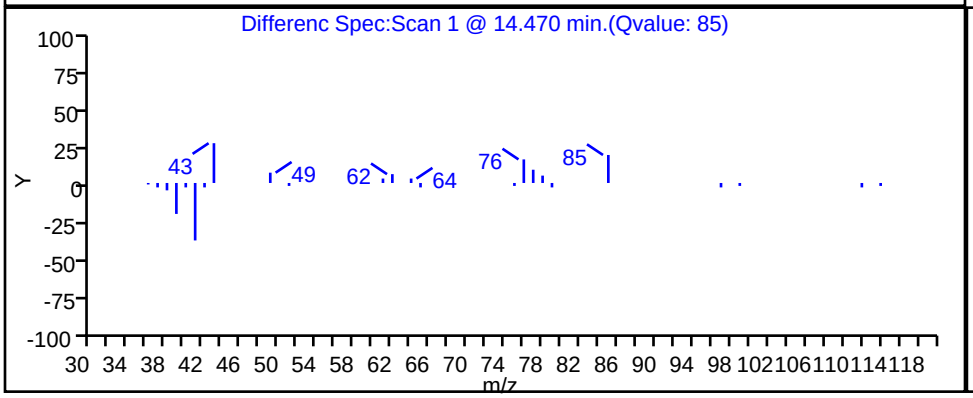


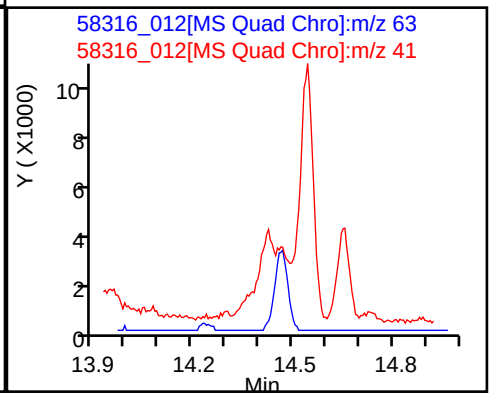








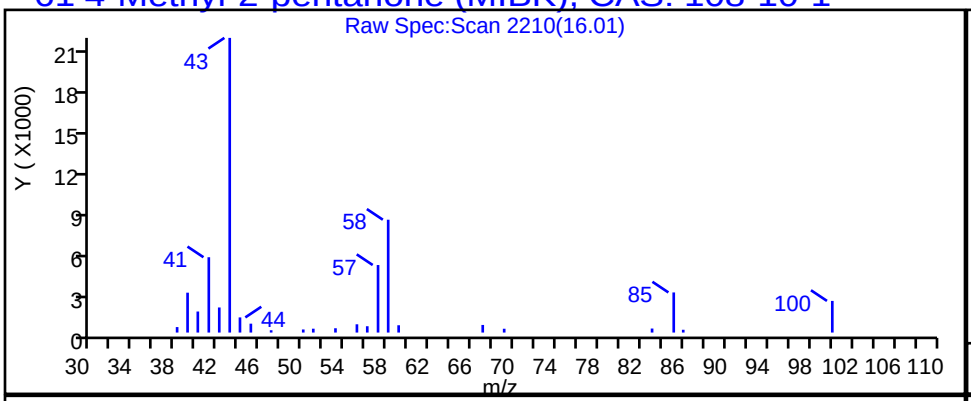


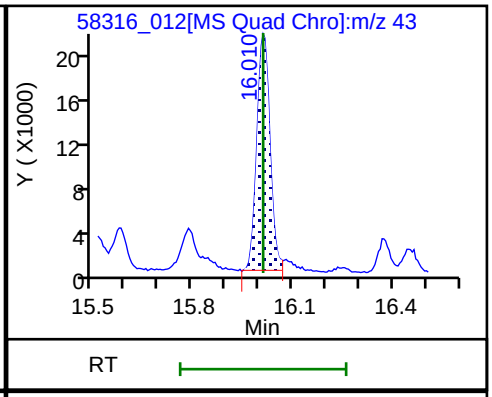


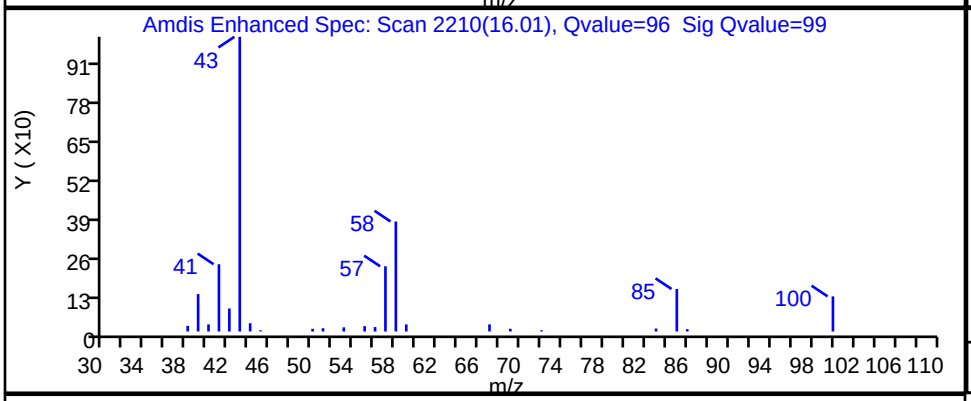
Eurofins Burlington

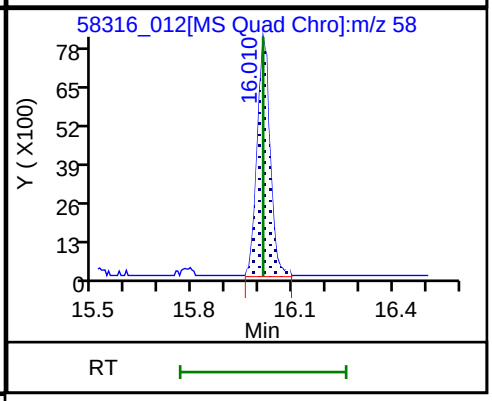
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

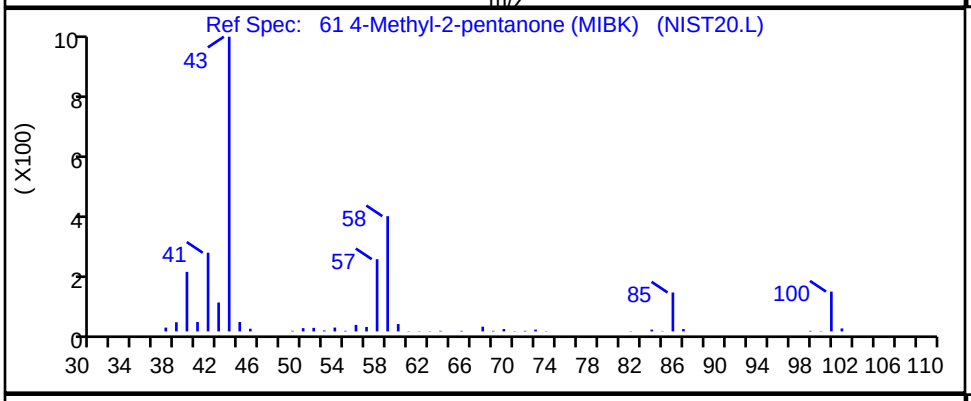
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

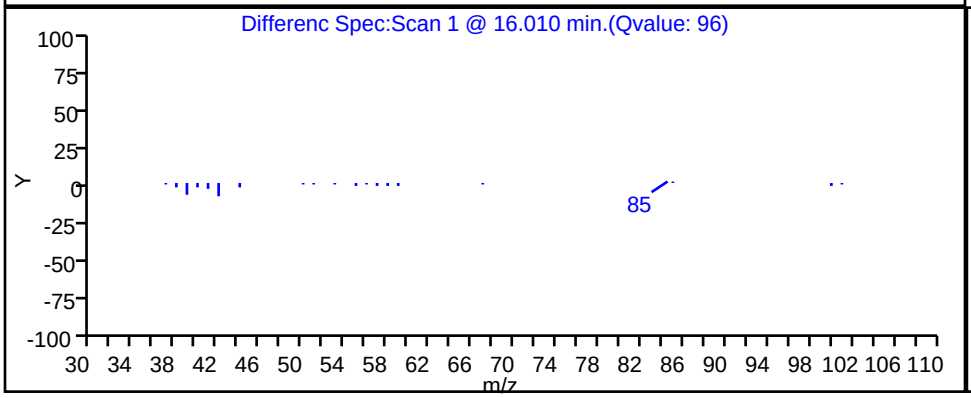


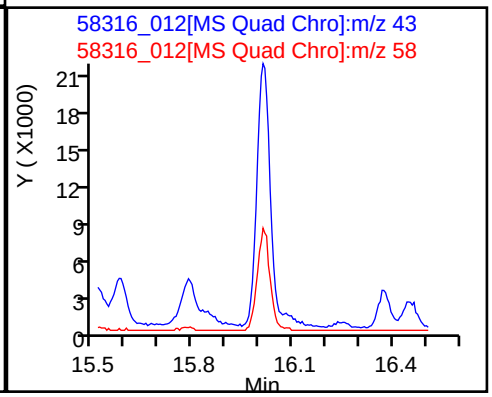








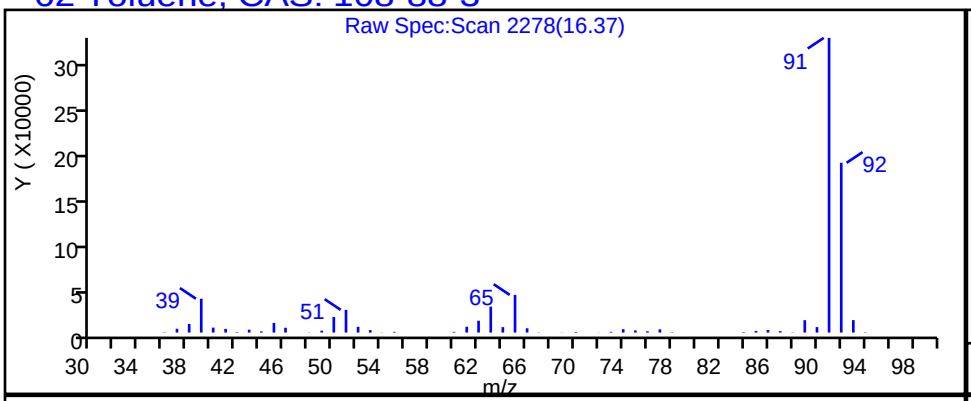


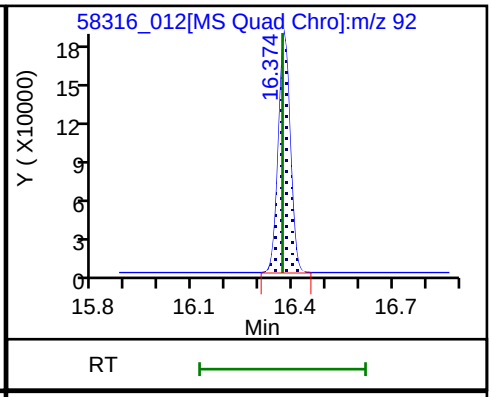


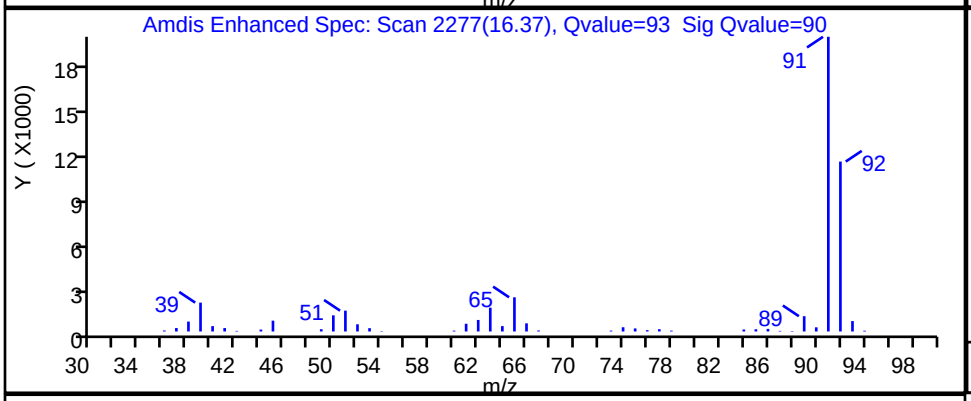
Eurofins Burlington

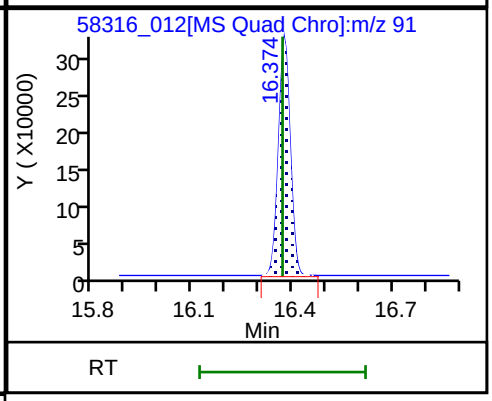
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

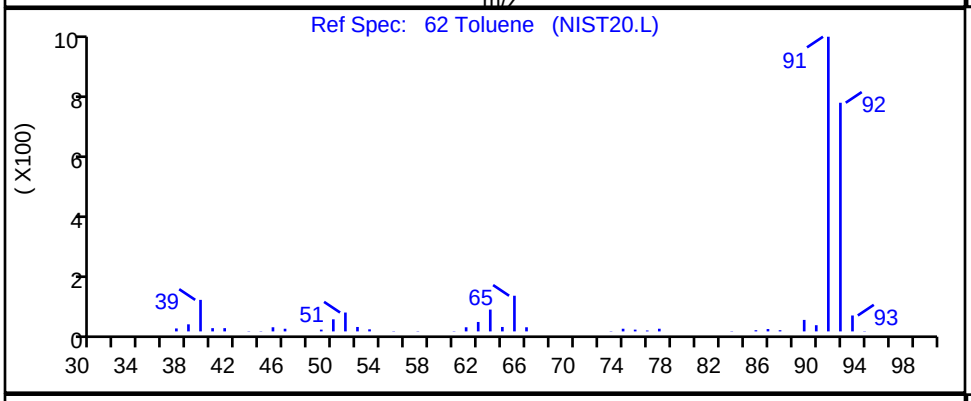
62 Toluene, CAS: 108-88-3

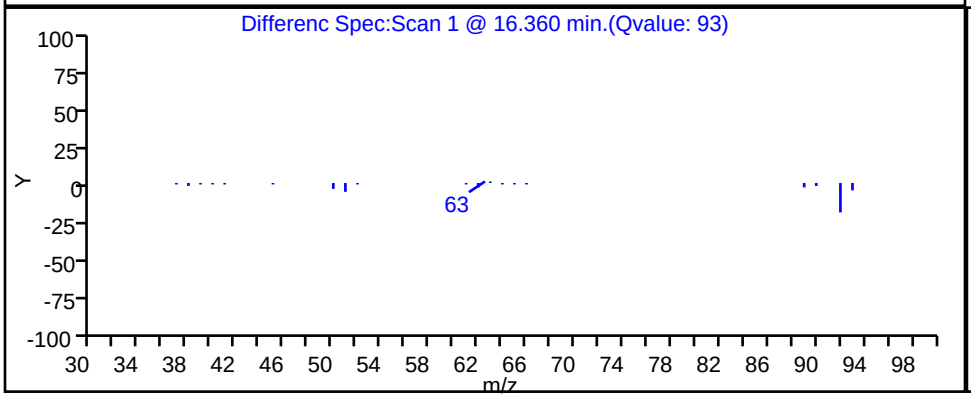


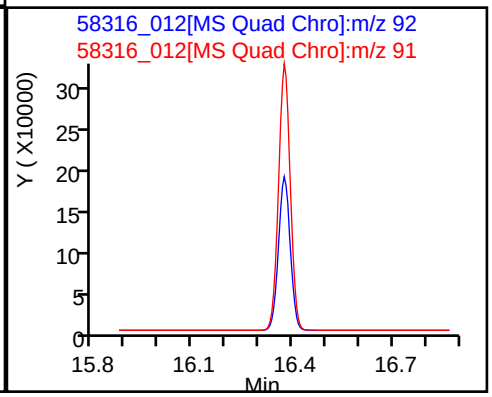








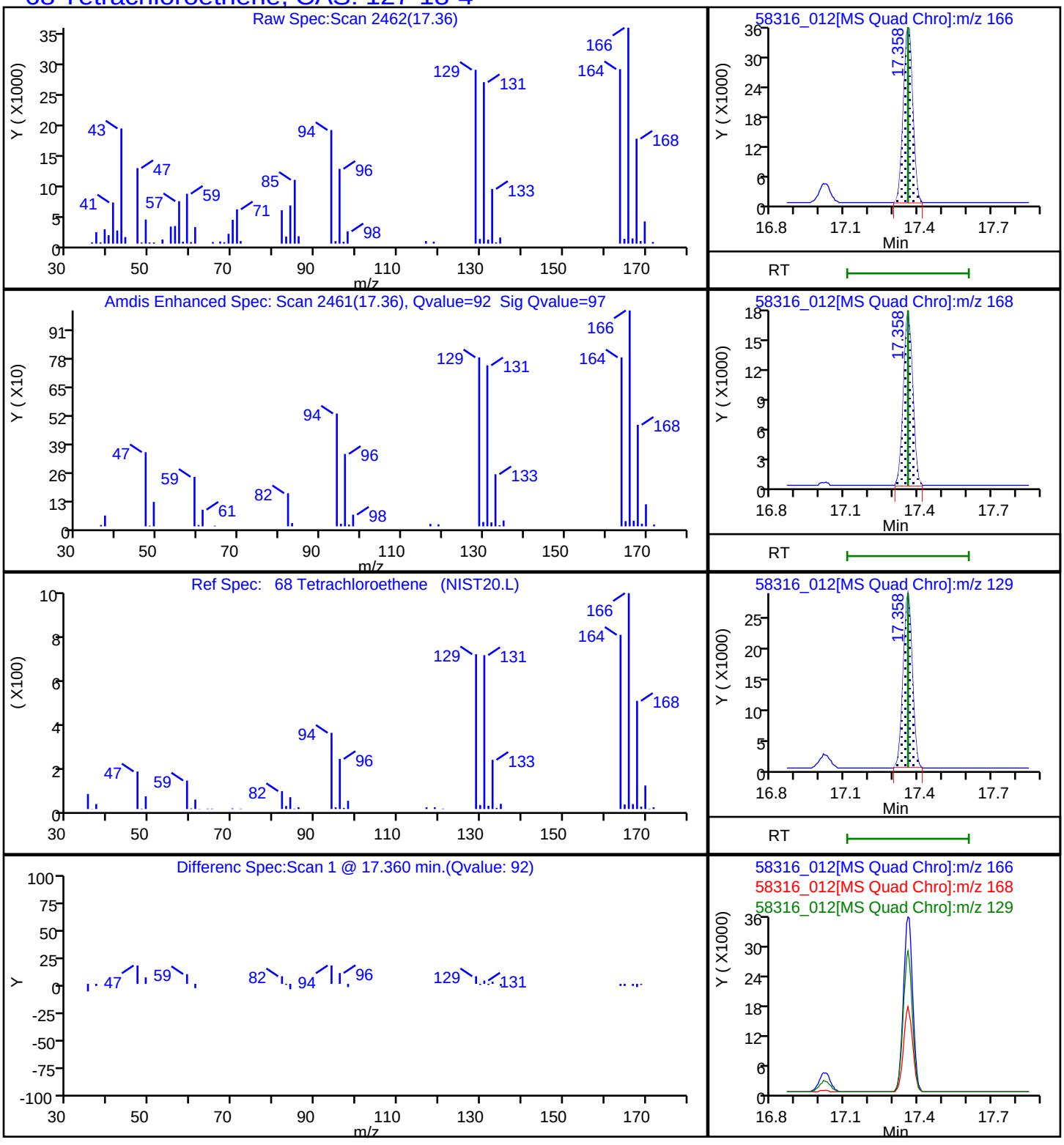




Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

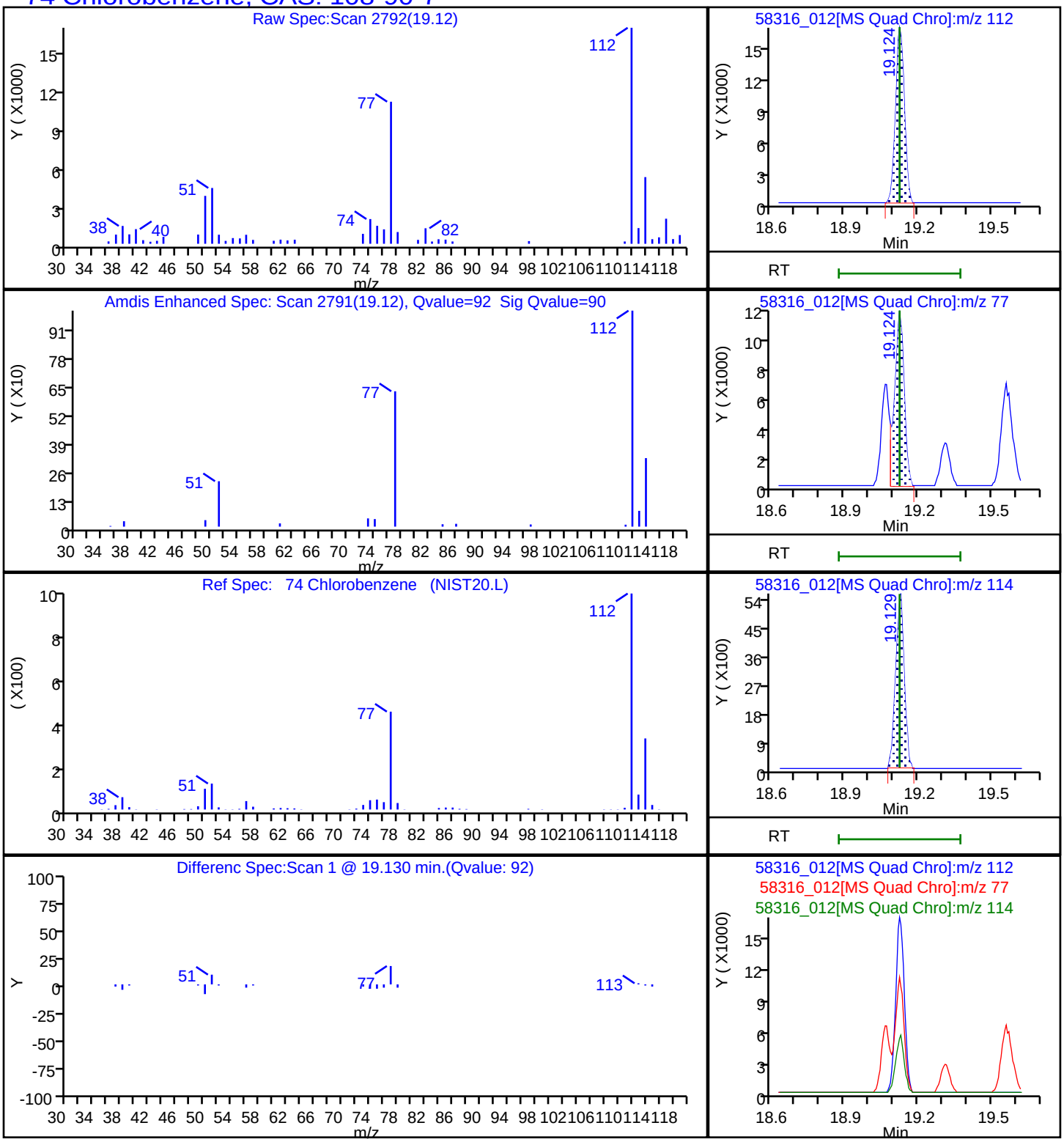
68 Tetrachloroethene, CAS: 127-18-4



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Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

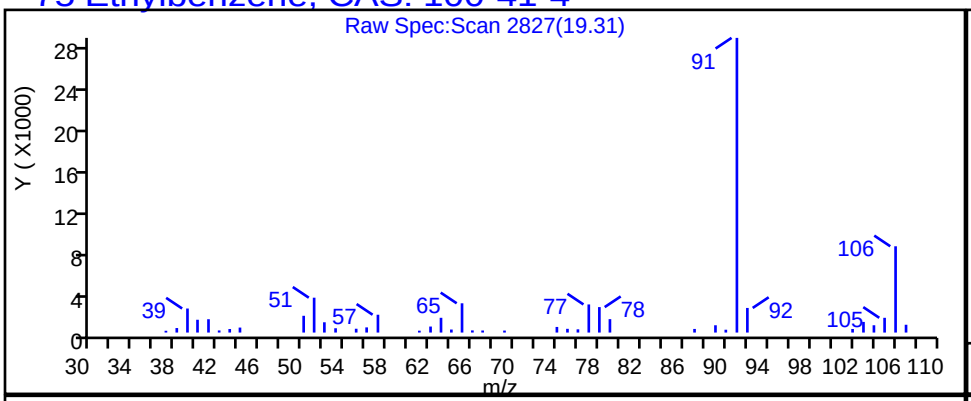
74 Chlorobenzene, CAS: 108-90-7

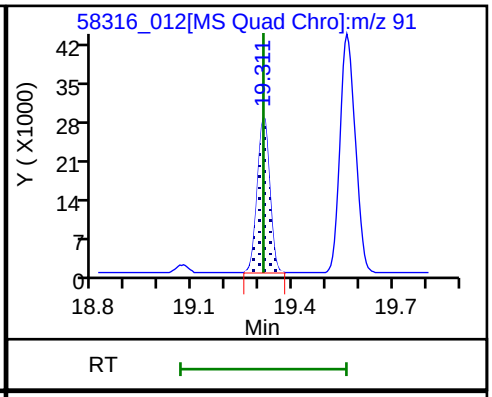


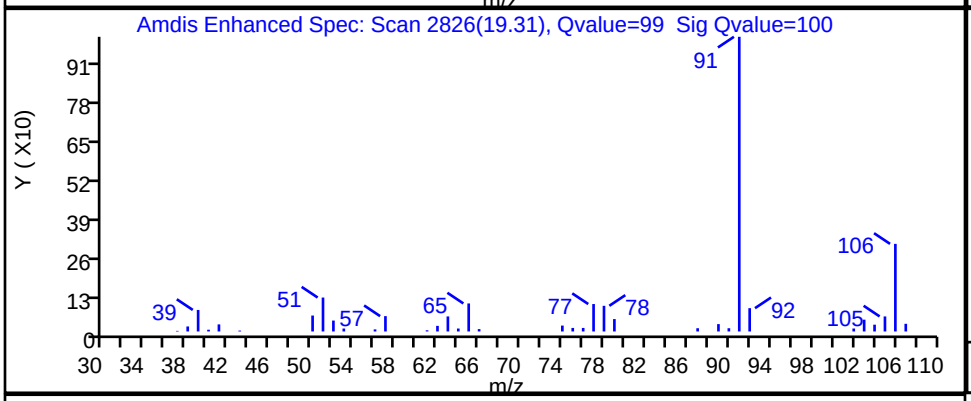
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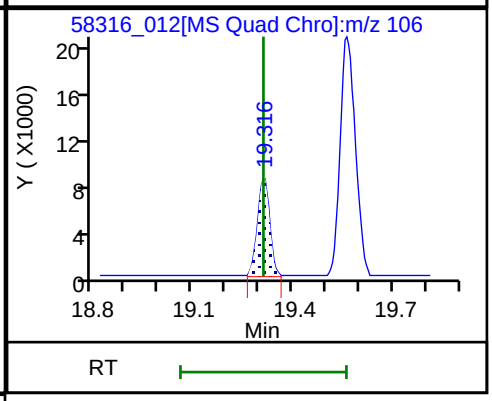
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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

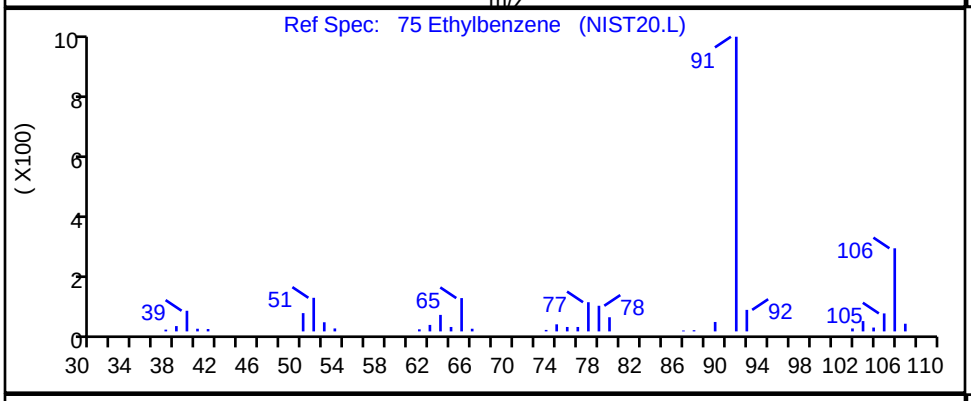
75 Ethylbenzene, CAS: 100-41-4

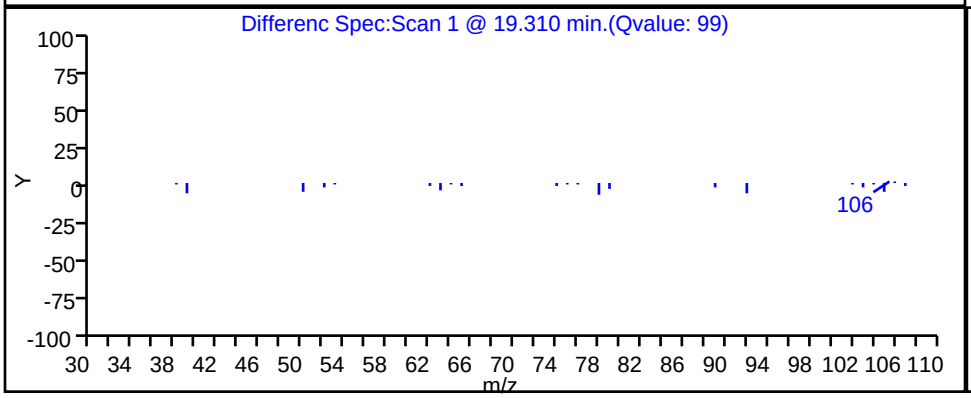


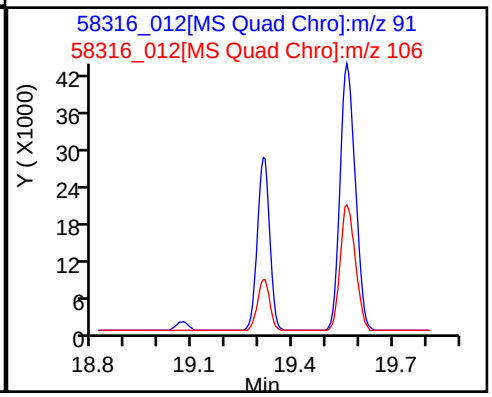








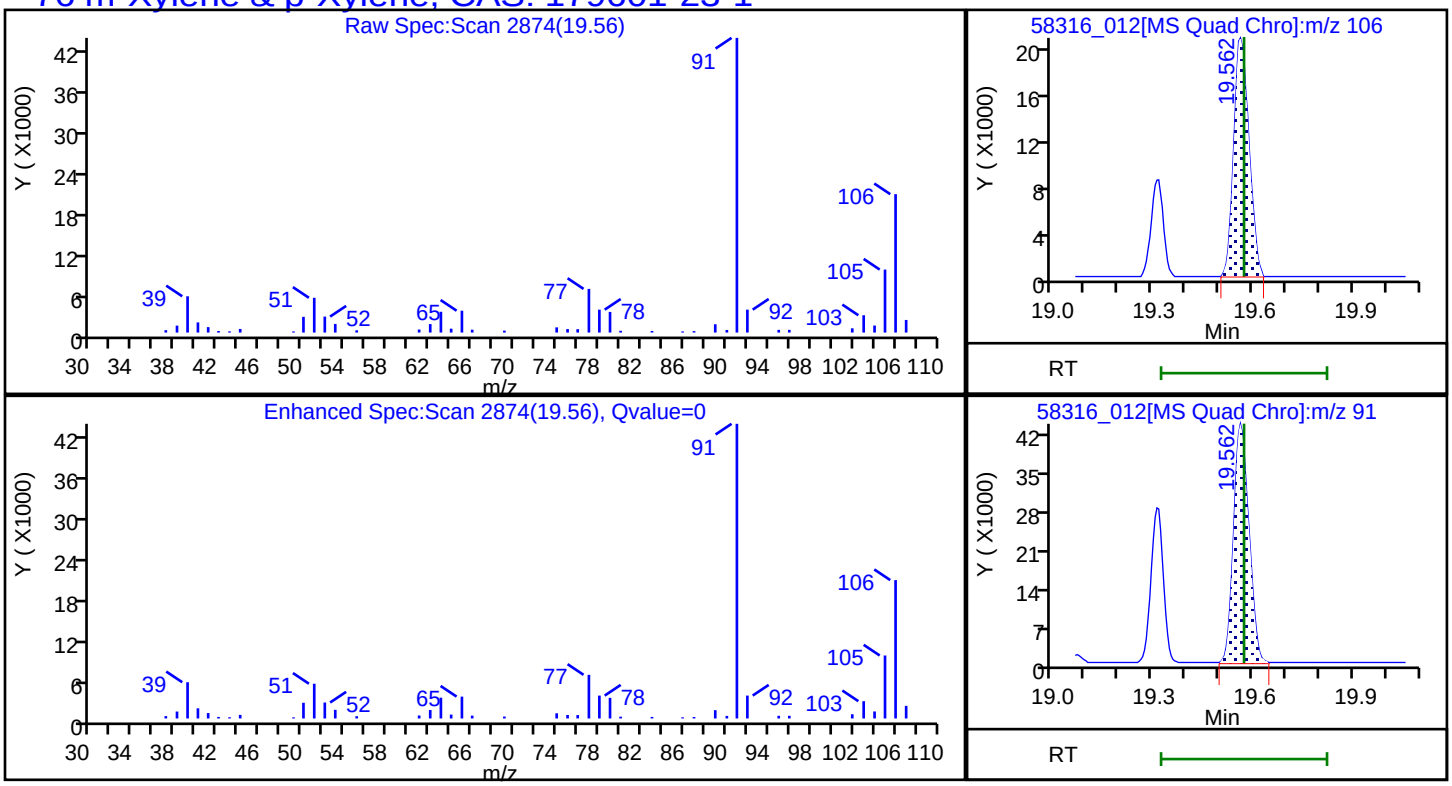


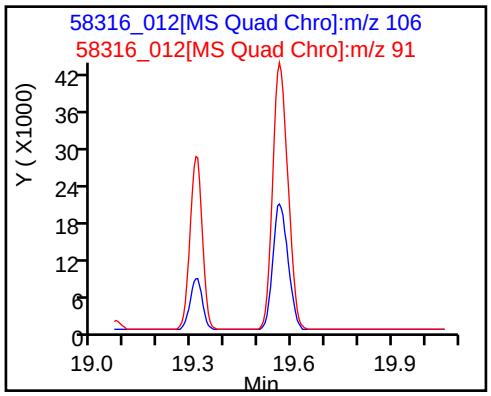


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Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1

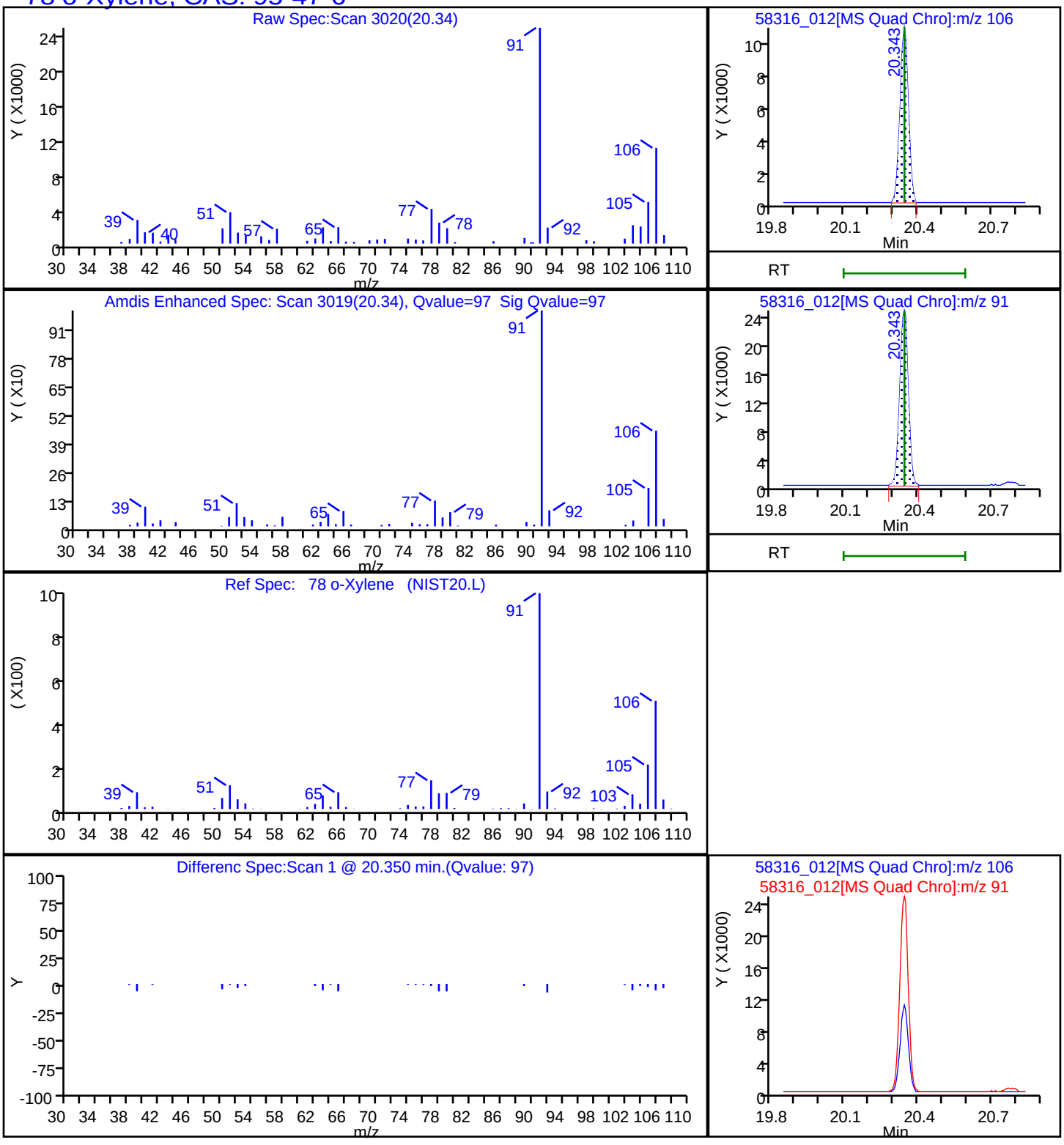




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Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 o-Xylene, CAS: 95-47-6

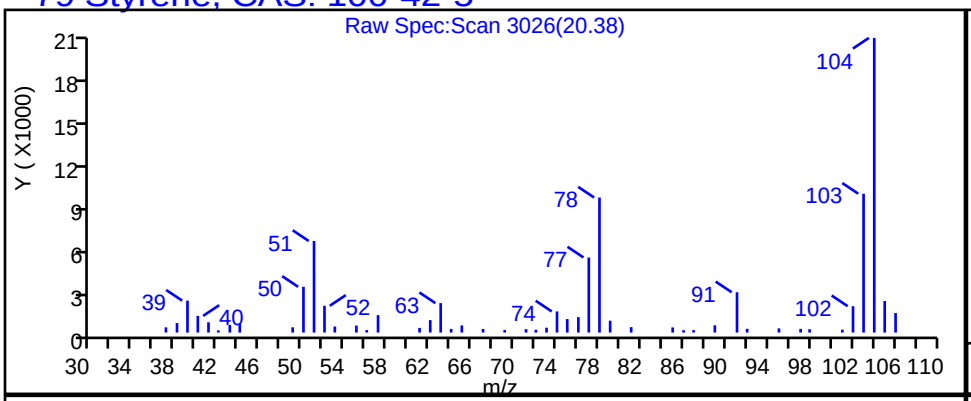


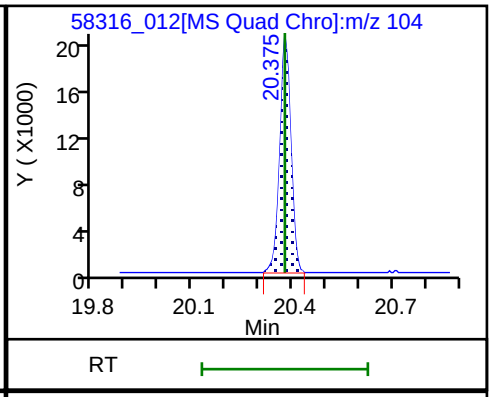
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11:57 AM

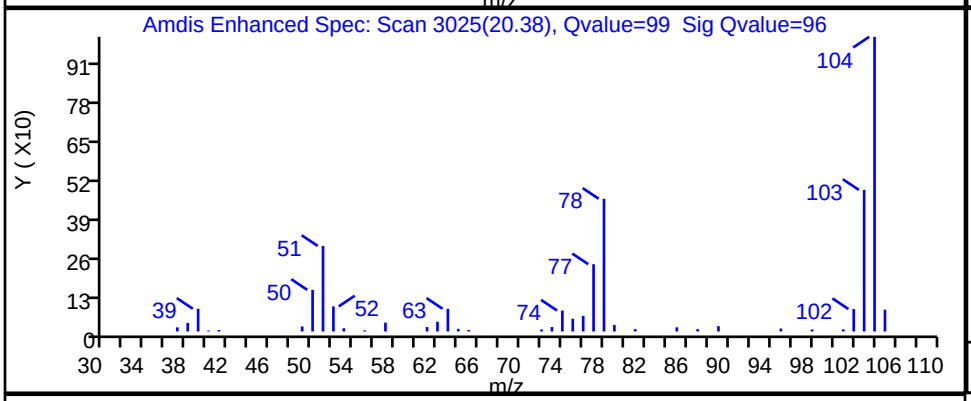
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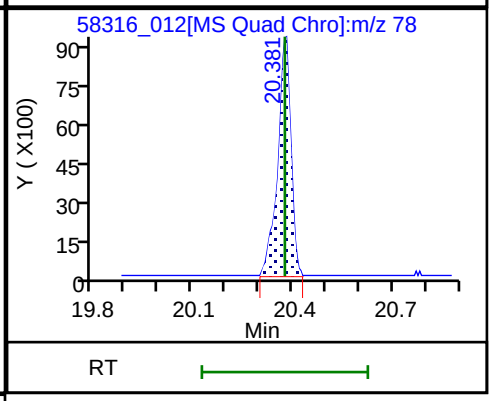
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

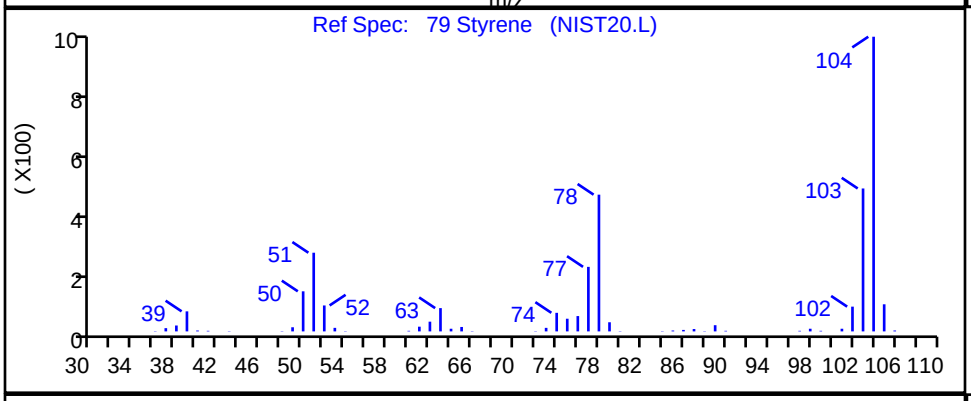
79 Styrene, CAS: 100-42-5

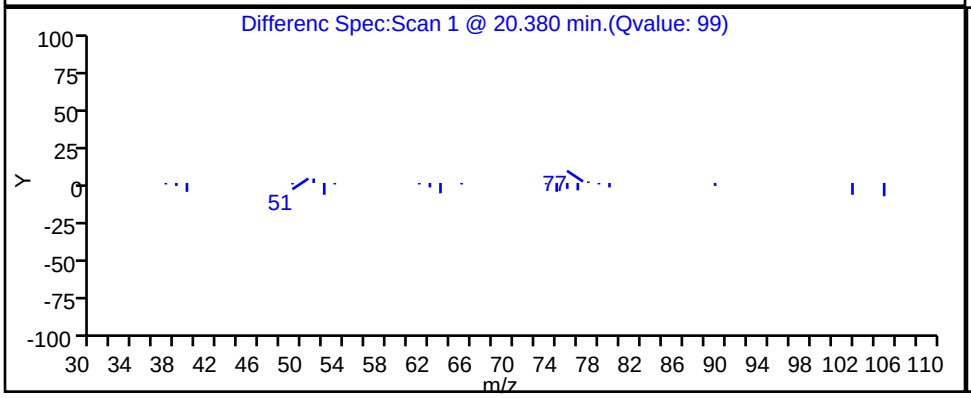


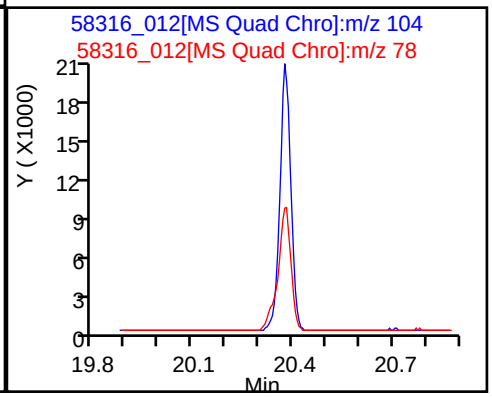








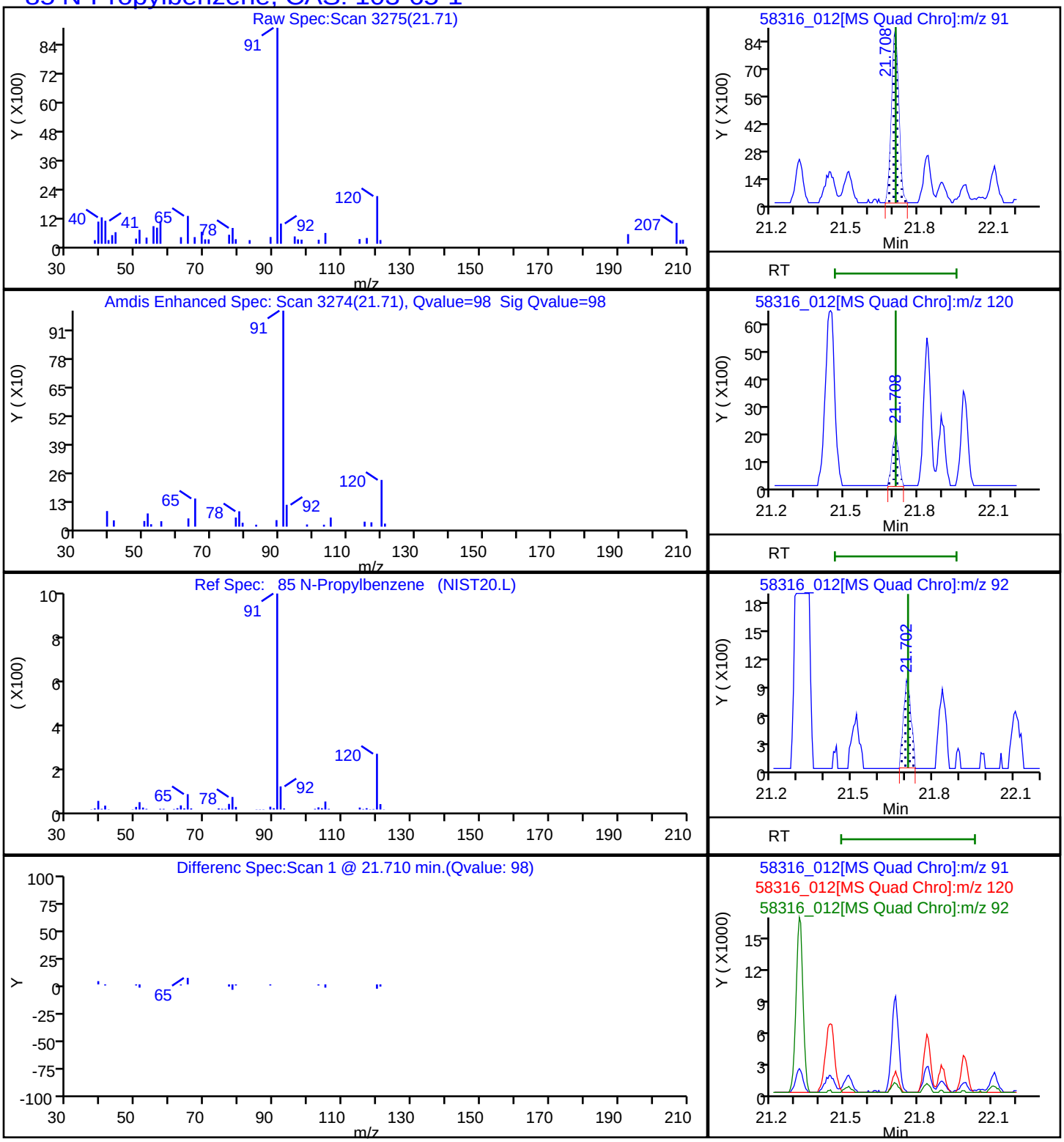




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Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

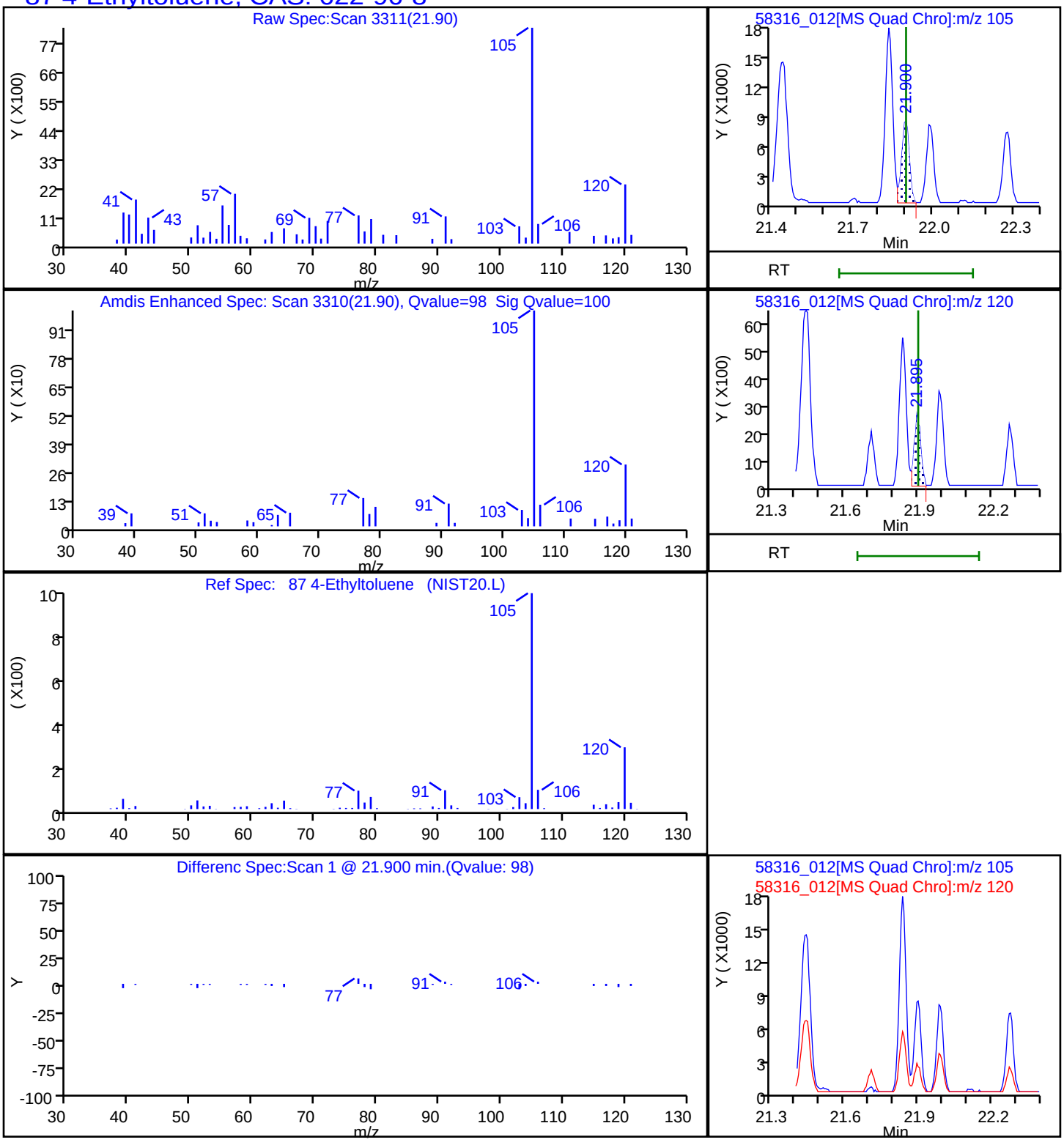
85 N-Propylbenzene, CAS: 103-65-1



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Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
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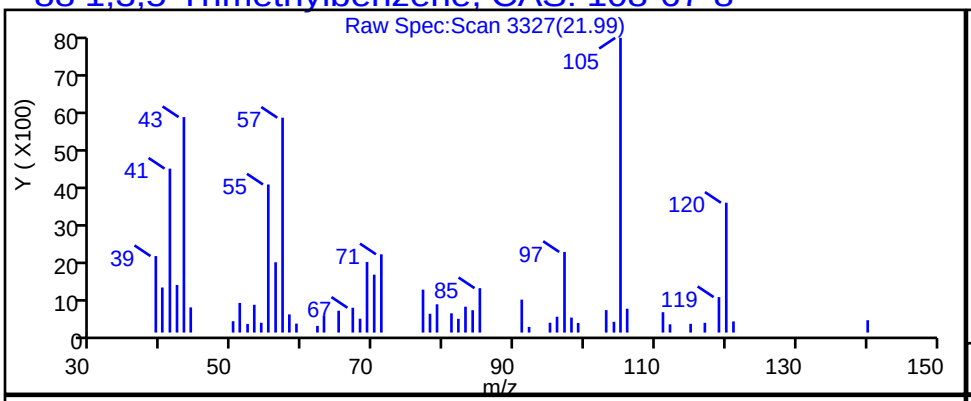
87 4-Ethyltoluene, CAS: 622-96-8

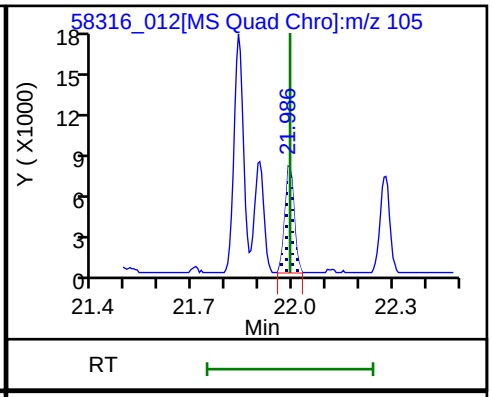


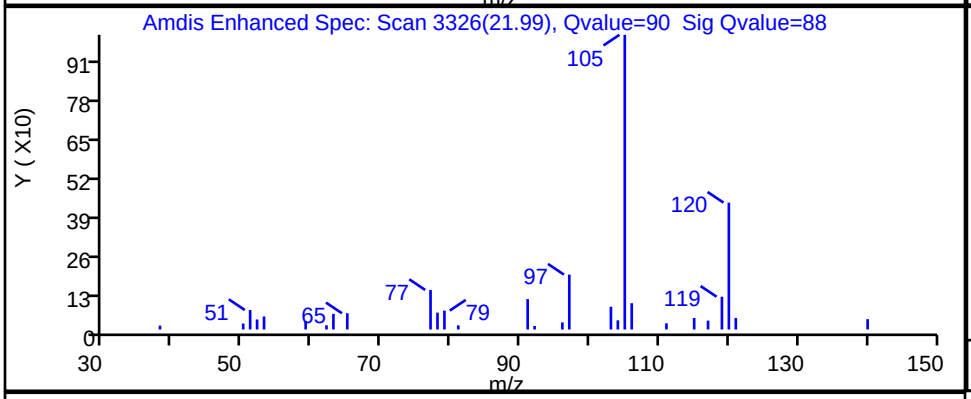
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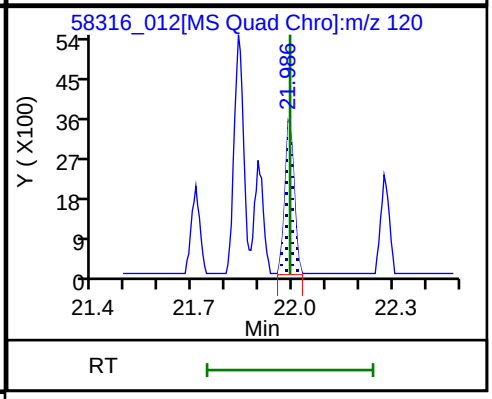
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

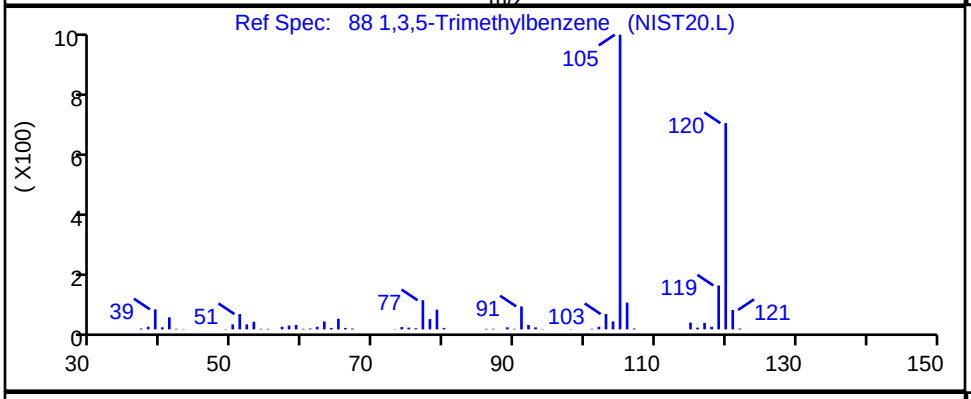
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

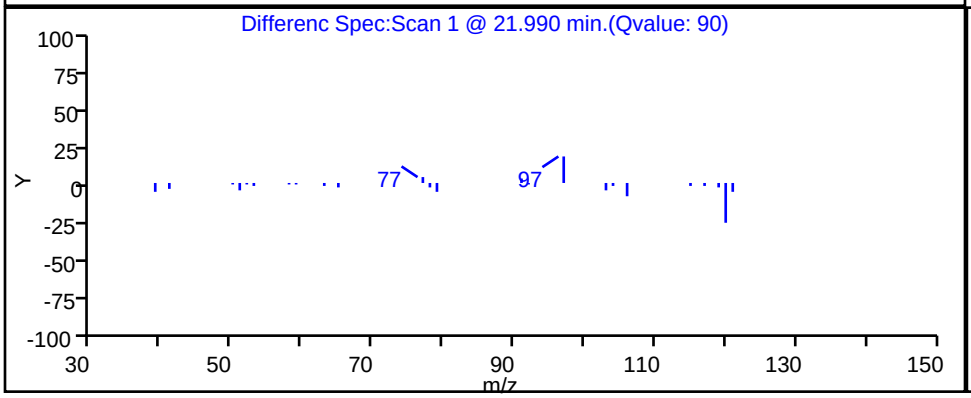


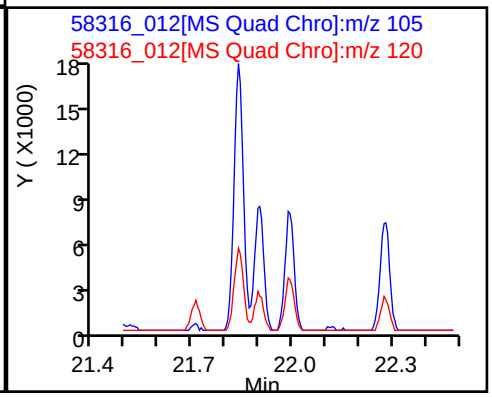








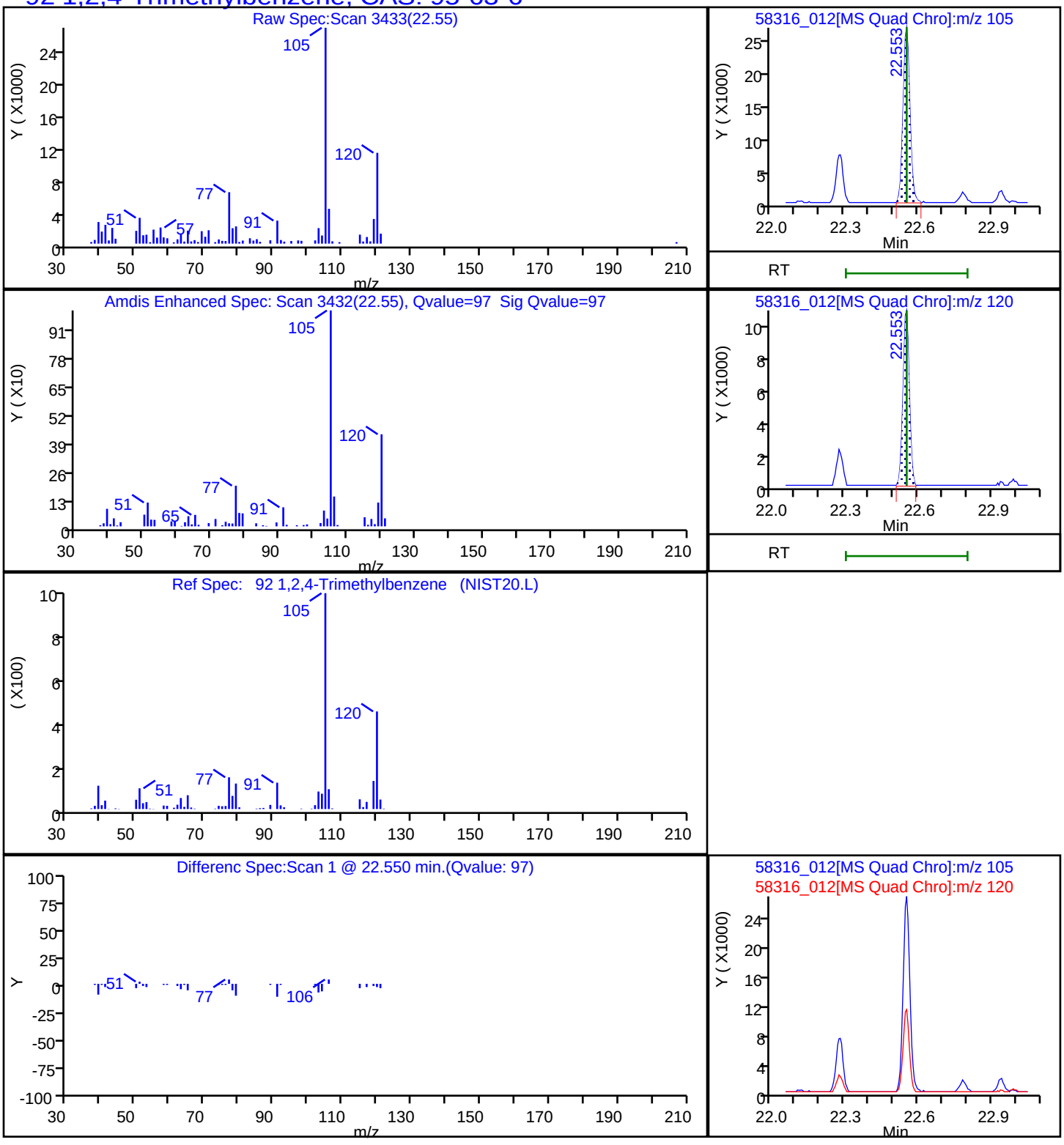




Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D
Injection Date: 20-Dec-2023 17:23:29 Instrument ID: CHAM.i
Lims ID: 200-71332-A-1 Lab Sample ID: 200-71332-1
Client ID: SVES-INF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



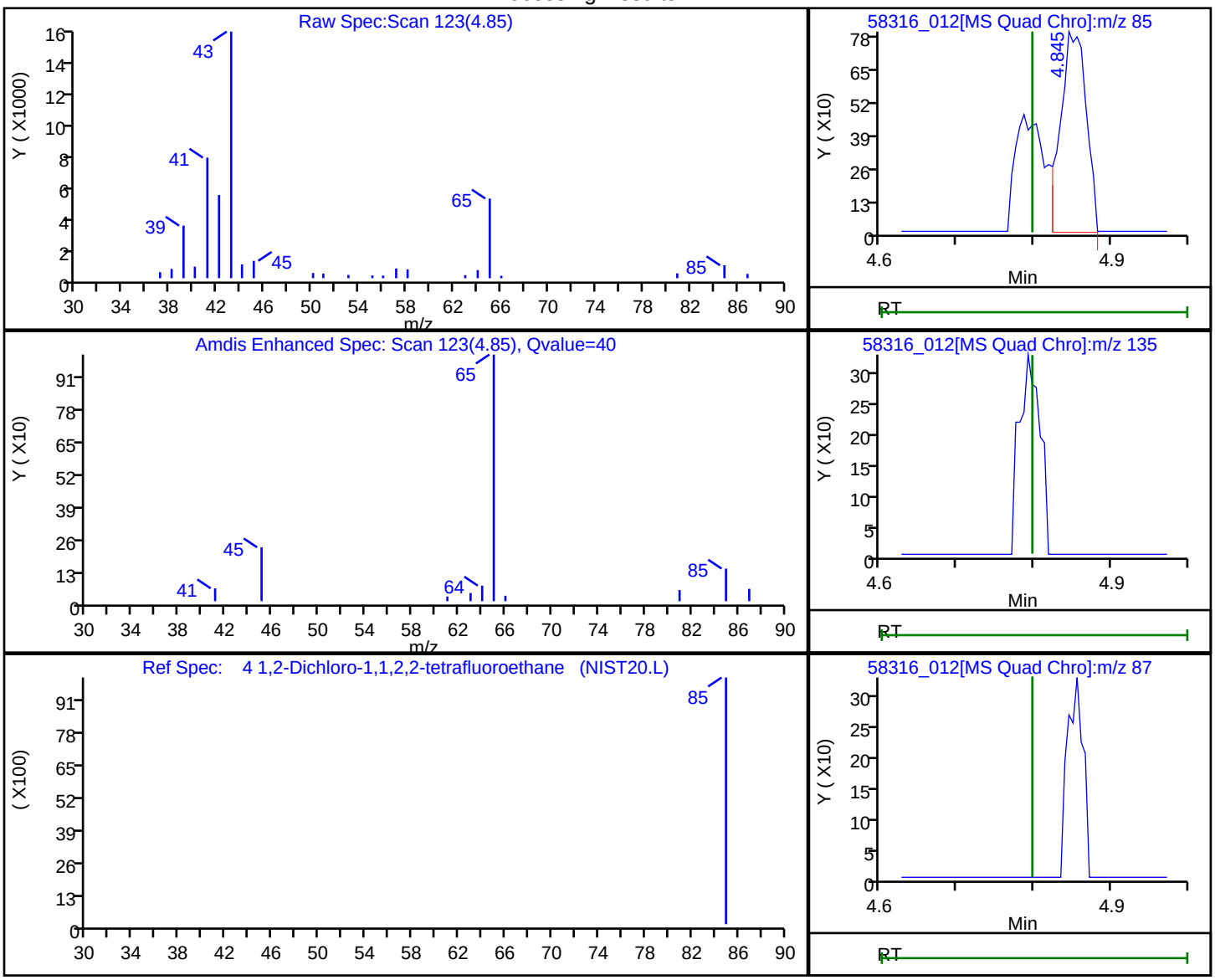
User Disabled Compound Report

Eurofins Burlington

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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results



RT	Mass	Response	Amount
4.85	85.00	1838	0.021750
4.80	135.00	0	
4.80	87.00	0	

Reviewer: F7XK, 21-Dec-2023 08:06:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

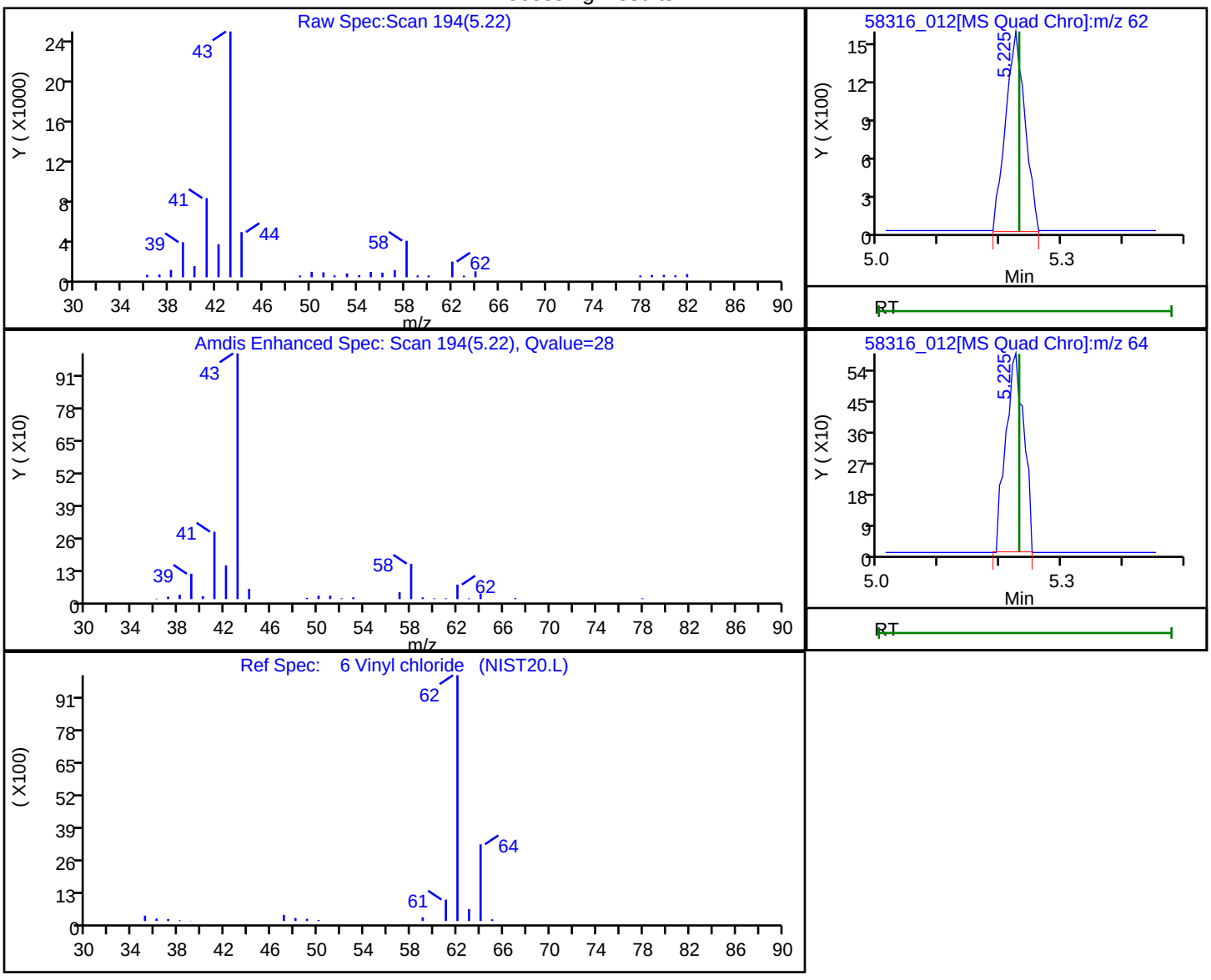
User Disabled Compound Report

Eurofins Burlington

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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
5.22	62.00	3379	0.067446
5.22	64.00	1201	

Reviewer: BKZ7, 21-Dec-2023 07:31:47 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

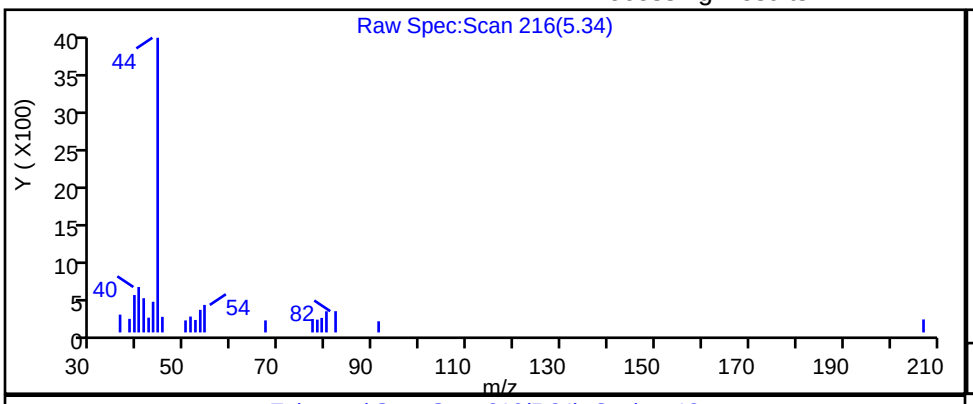
User Disabled Compound Report

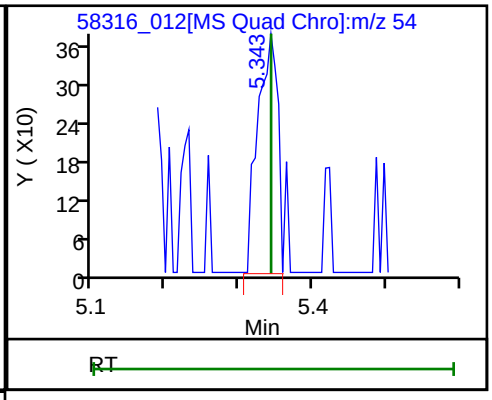
Eurofins Burlington

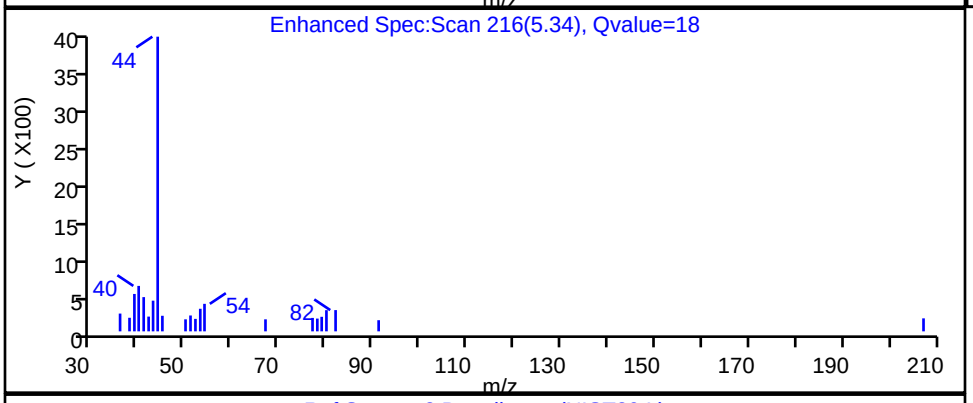
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

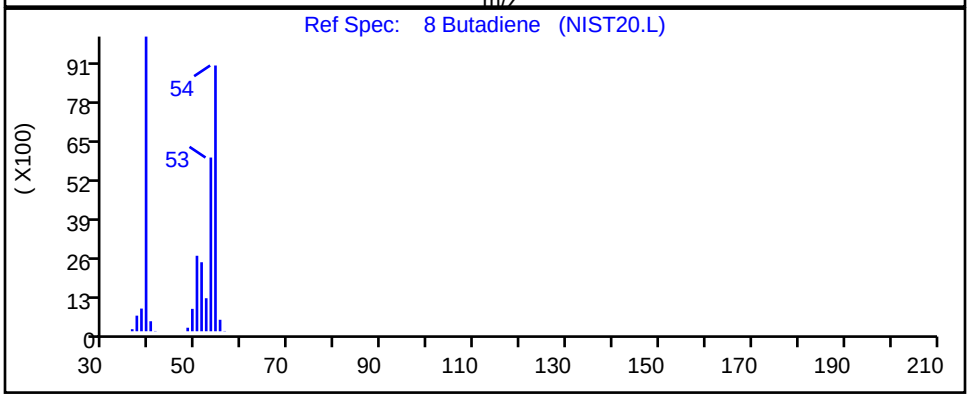
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.34	54.00	701	0.018578

Reviewer: F7XK, 21-Dec-2023 08:07:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

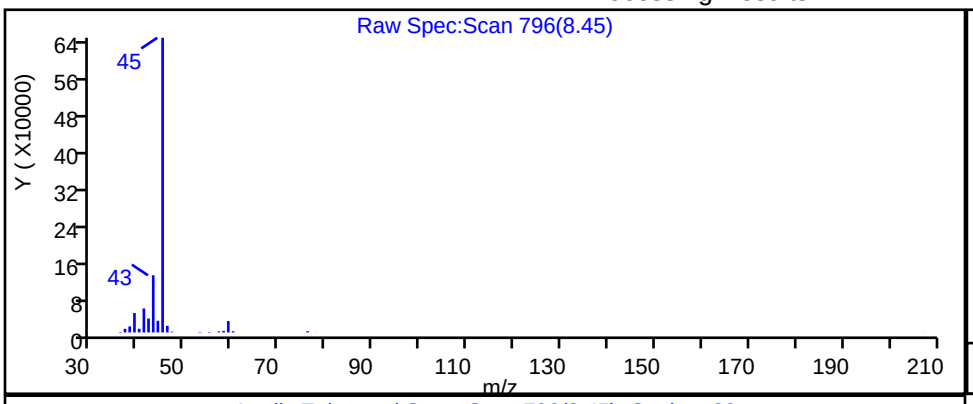
User Disabled Compound Report

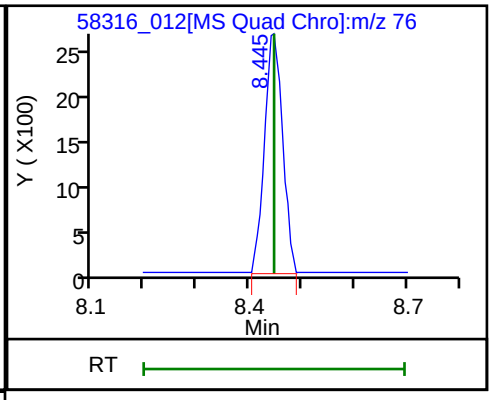
Eurofins Burlington

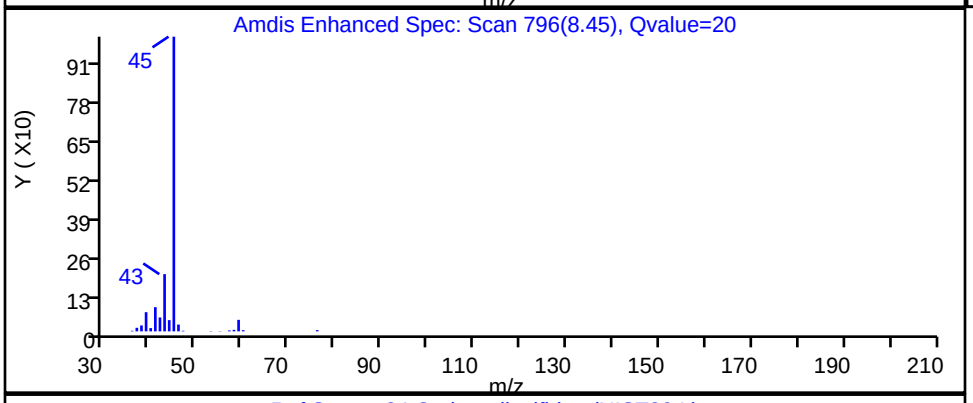
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

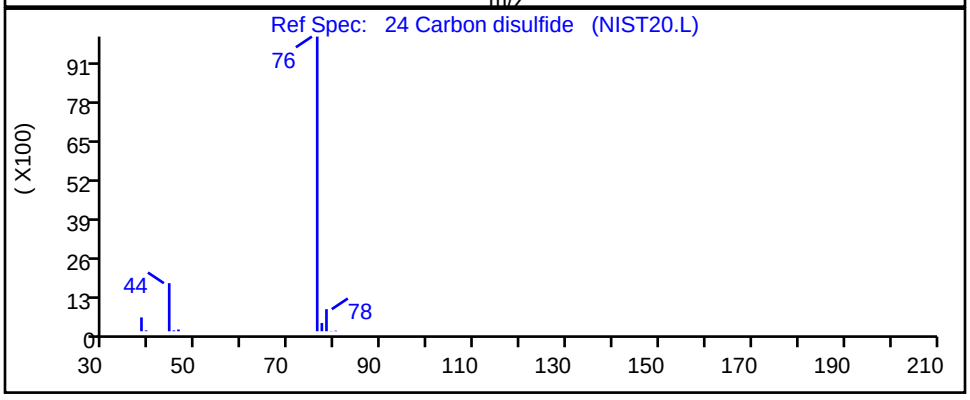
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.45	76.00	6404	0.056301

Reviewer: F7XK, 21-Dec-2023 08:07:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

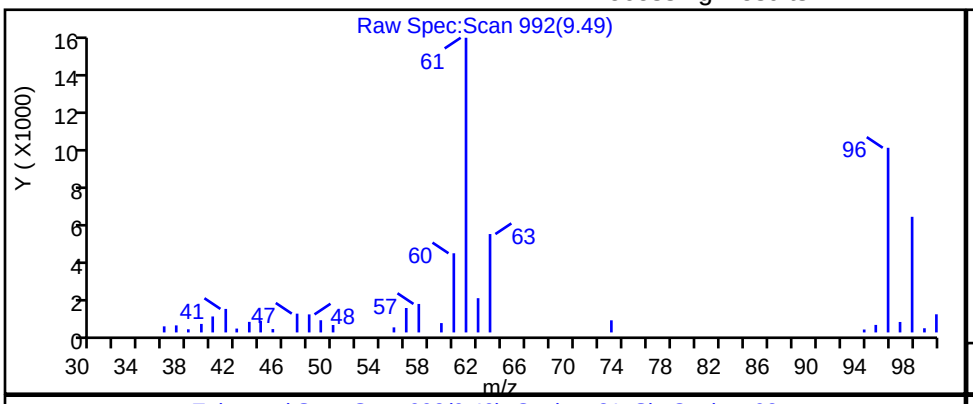
User Disabled Compound Report

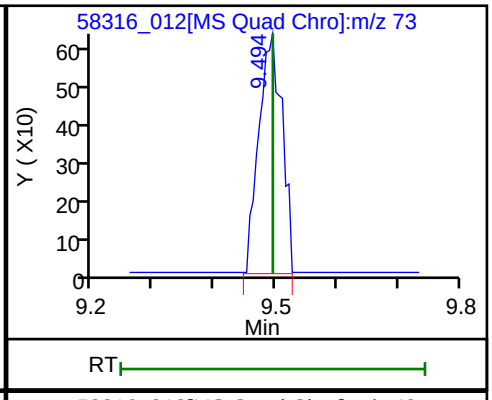
Eurofins Burlington

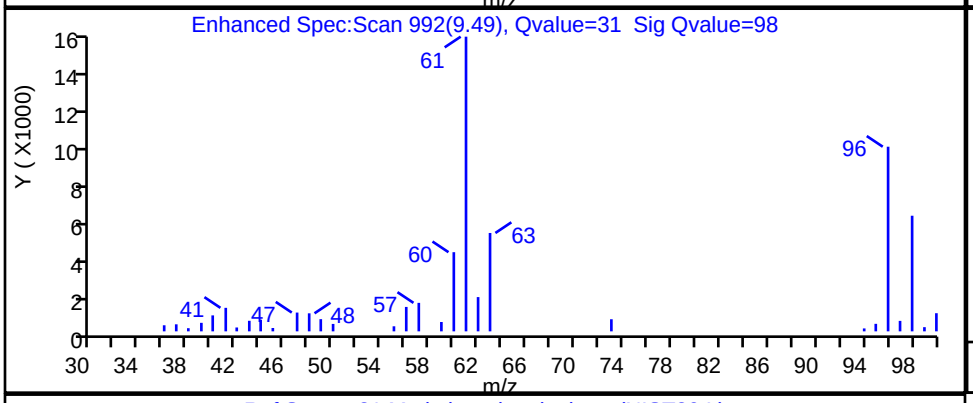
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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

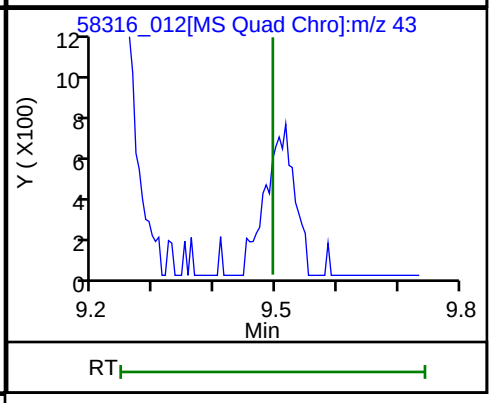
31 Methyl tert-butyl ether, CAS: 1634-04-4

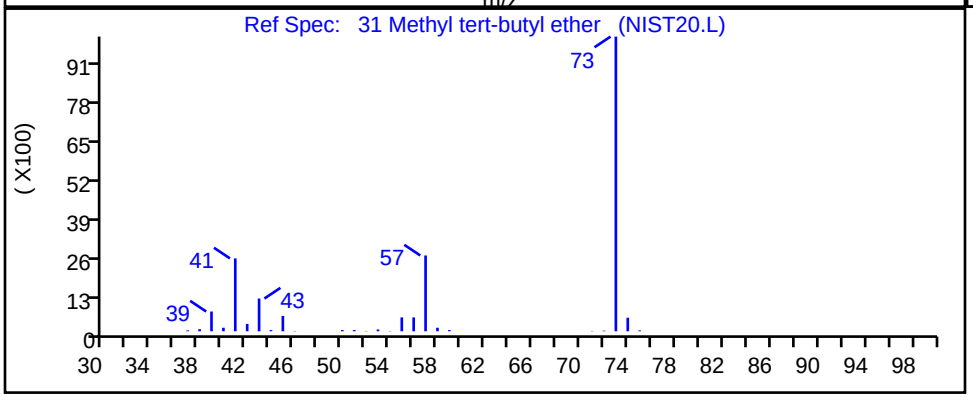
Processing Results











RT	Mass	Response	Amount
9.49	73.00	1685	0.016308
9.49	43.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:31:36 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

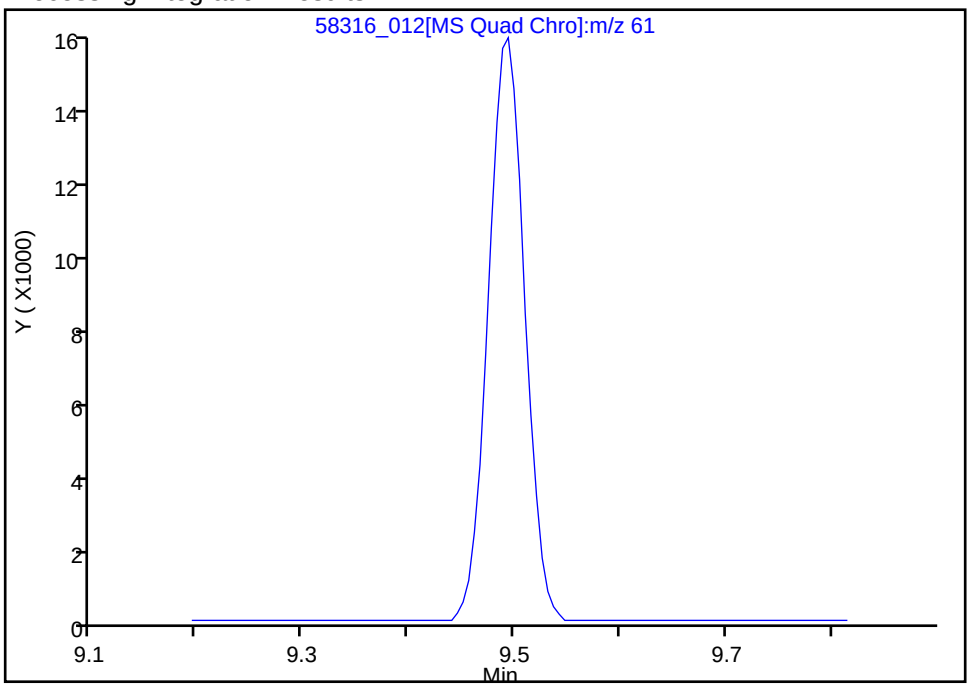
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Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

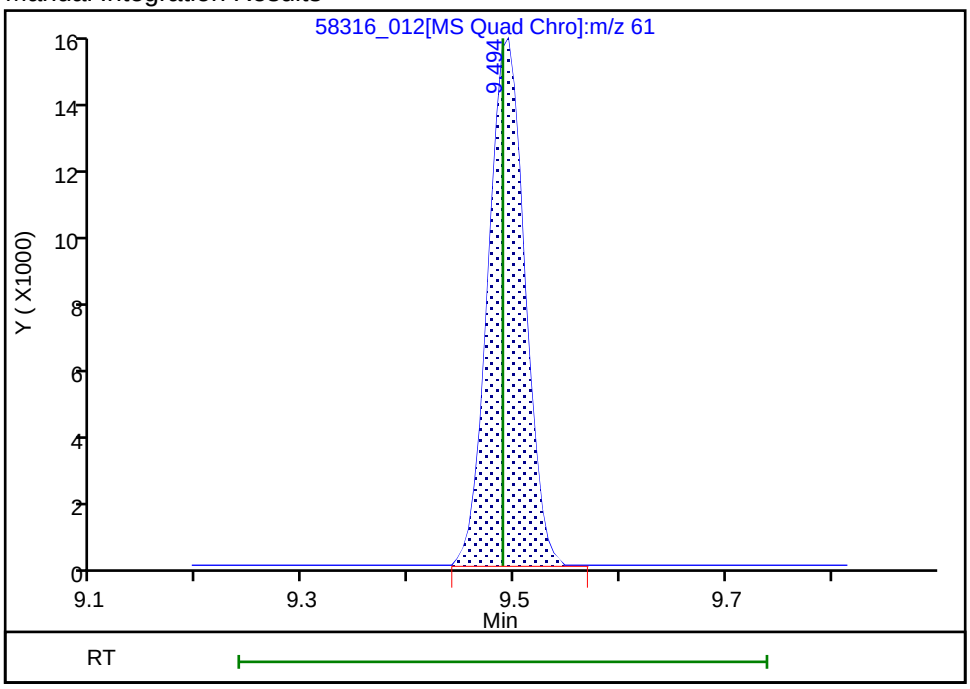
Not Detected
Expected RT: 9.49

Processing Integration Results



Manual Integration Results

RT: 9.49
Area: 37249
Amount: 0.598286
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:08:05 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

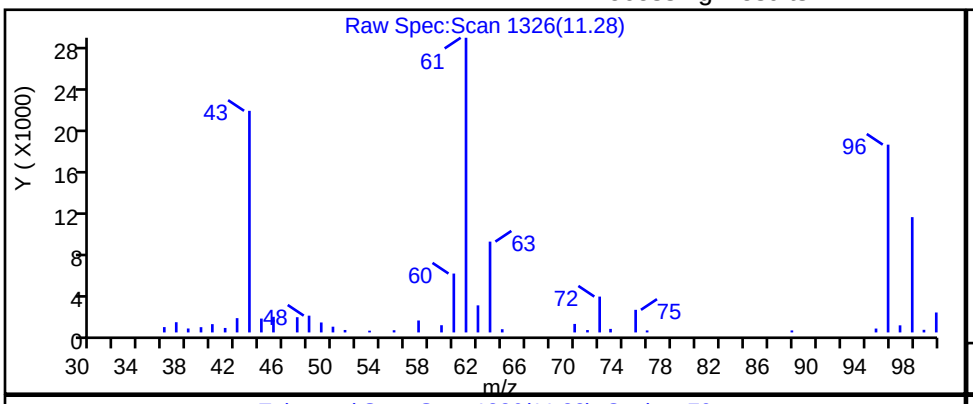
User Disabled Compound Report

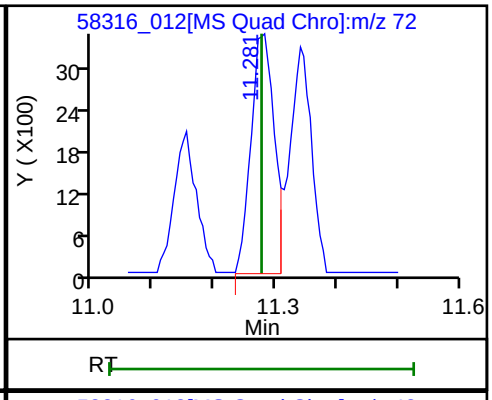
Eurofins Burlington

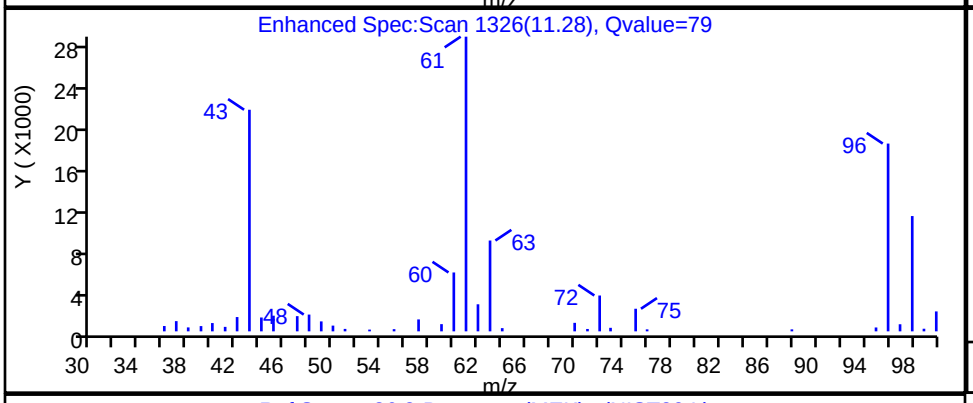
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

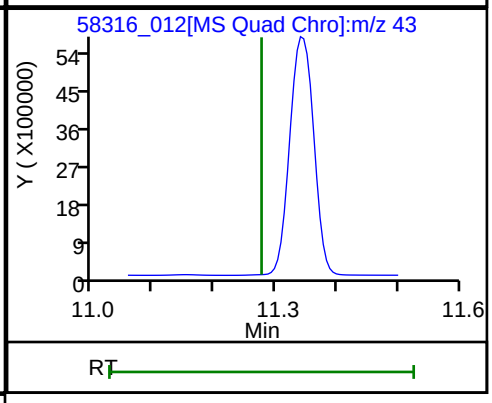
36 2-Butanone (MEK), CAS: 78-93-3

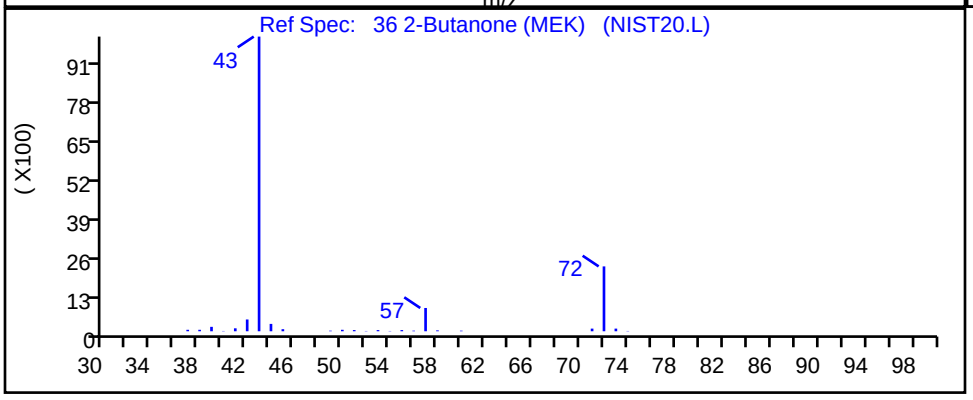
Processing Results











RT	Mass	Response	Amount
11.28	72.00	9097	0.447332
11.28	43.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:31:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

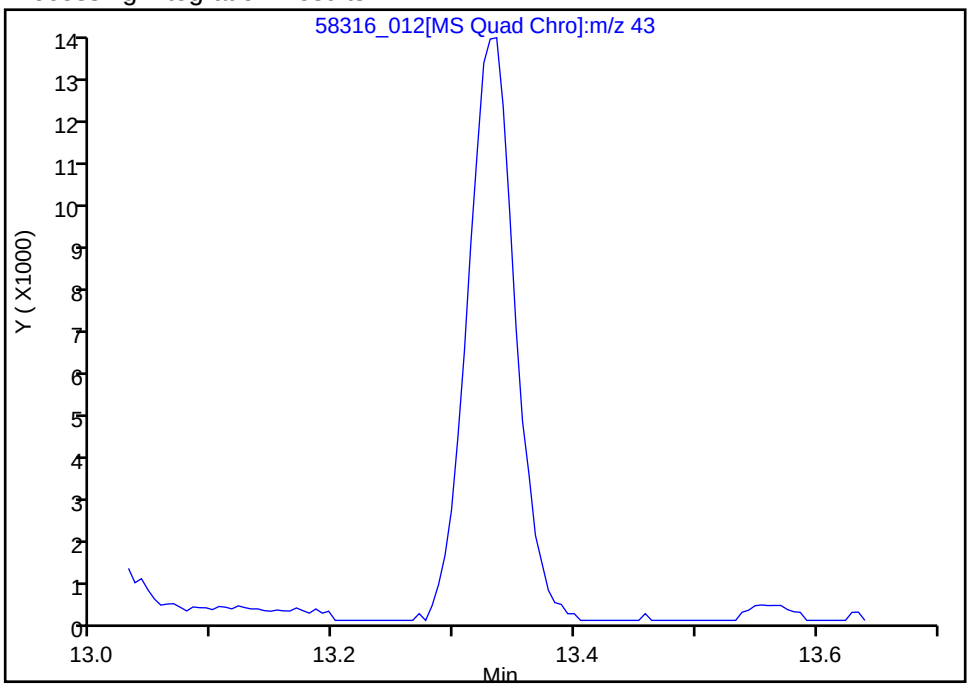
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5

Signal: 1

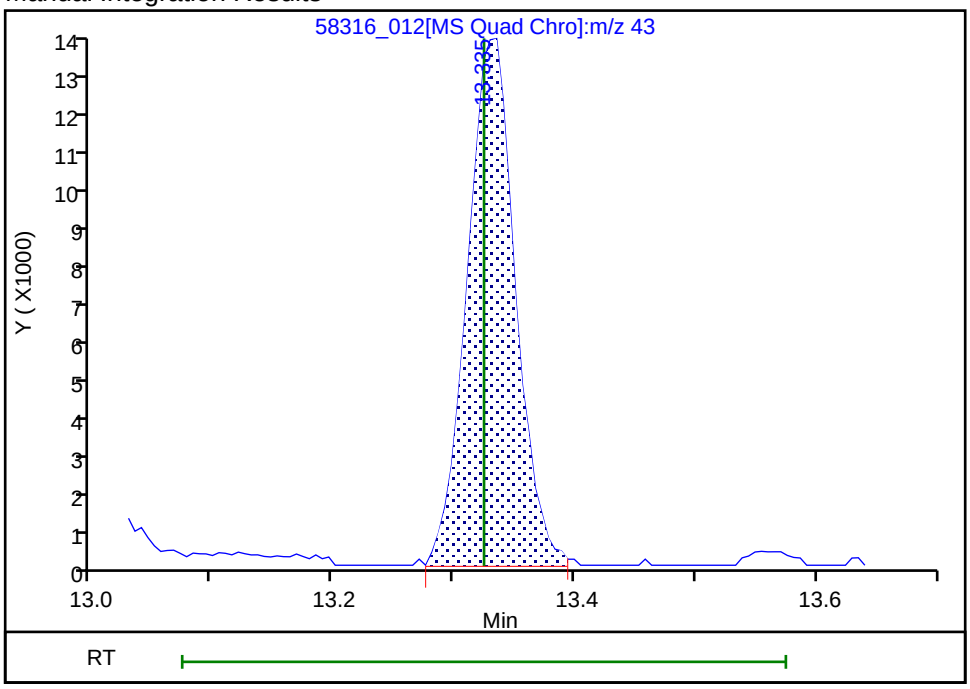
Not Detected
Expected RT: 13.32

Processing Integration Results



Manual Integration Results

RT: 13.34
Area: 36991
Amount: 0.515194
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:09:24 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

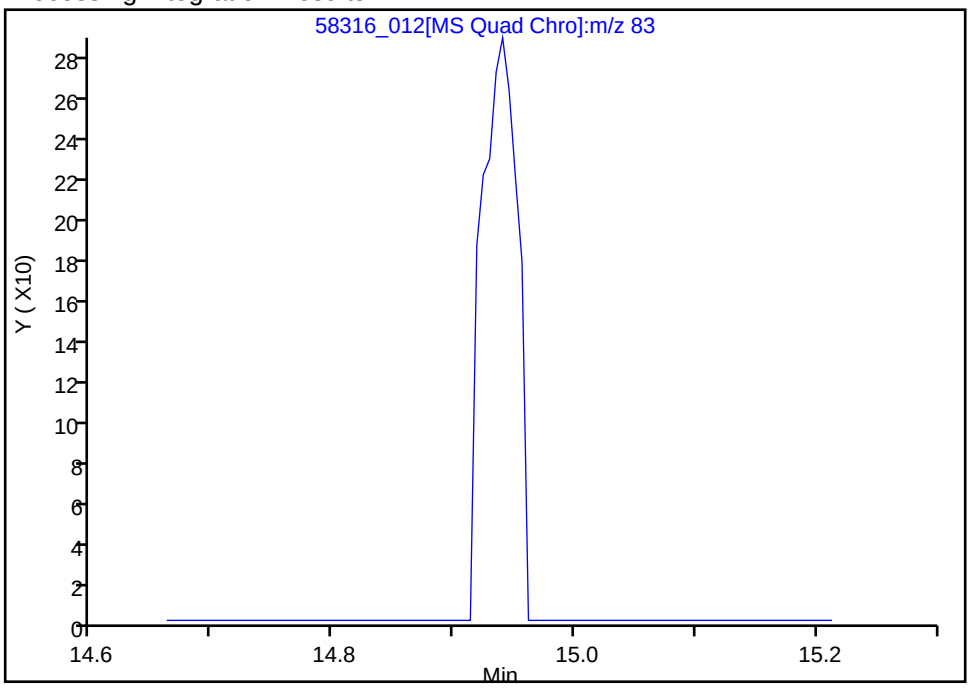
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

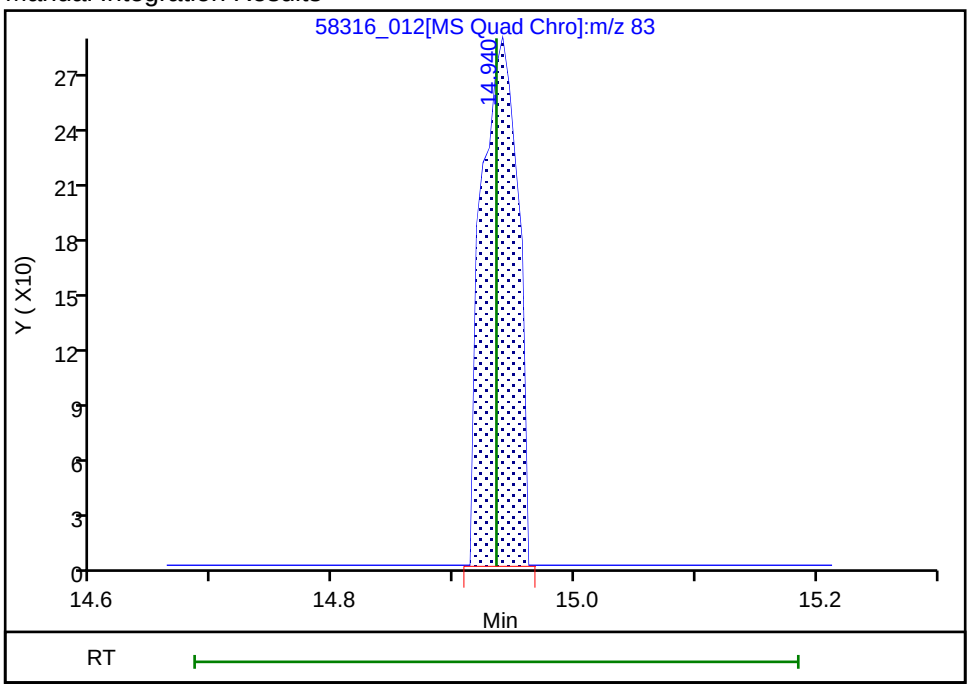
Not Detected
Expected RT: 14.93

Processing Integration Results



Manual Integration Results

RT: 14.94
Area: 596
Amount: 0.006568
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:09:53 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

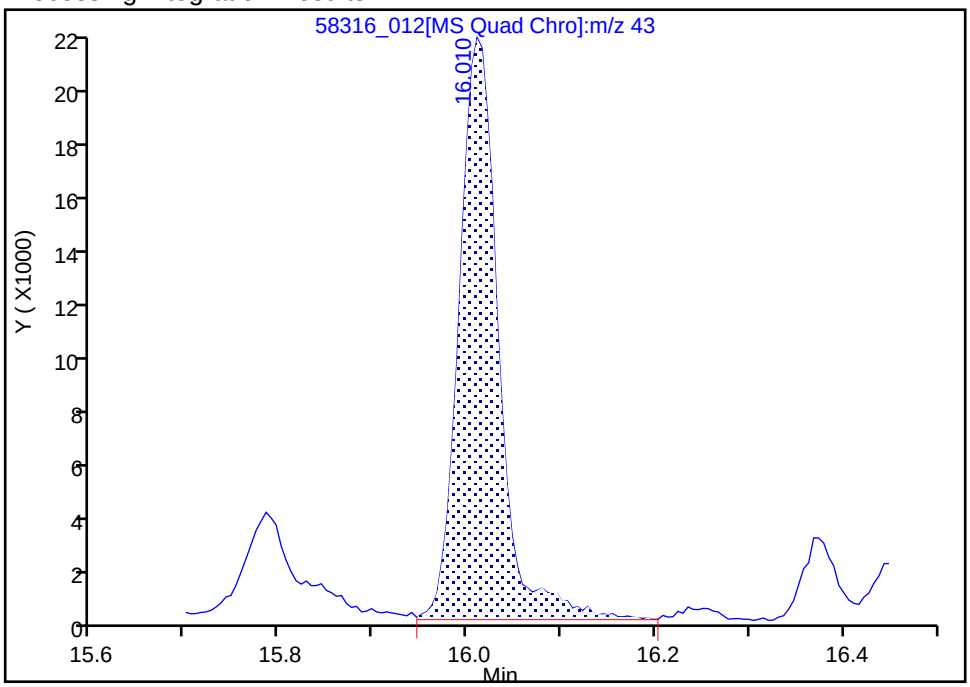
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

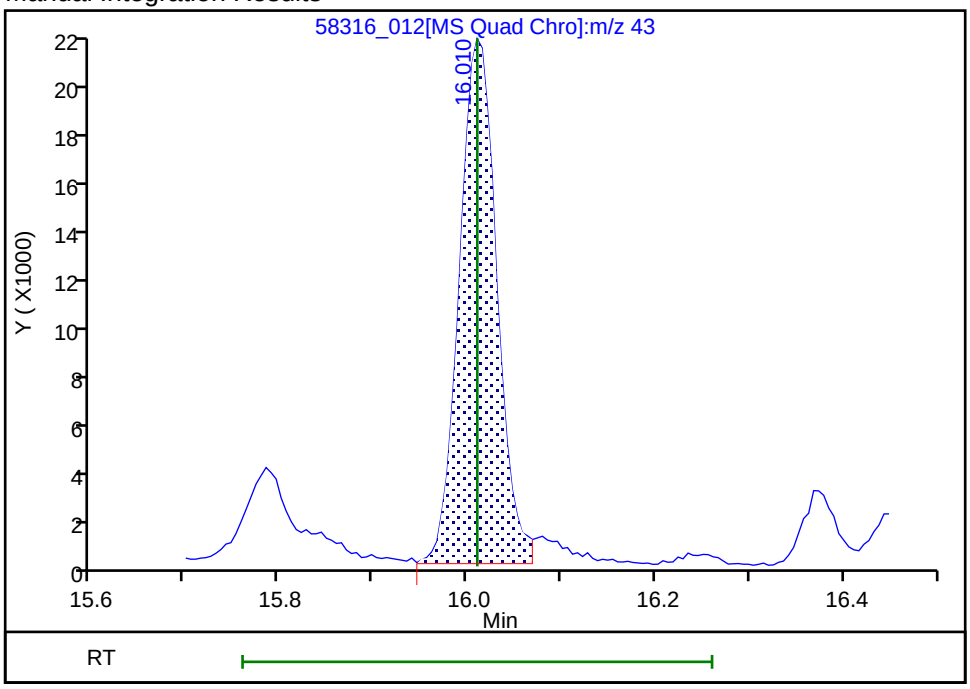
Processing Integration Results

RT: 16.01
Area: 61589
Amount: 0.648218
Amount Units: ppb v/v



Manual Integration Results

RT: 16.01
Area: 58207
Amount: 0.612623
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:10:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

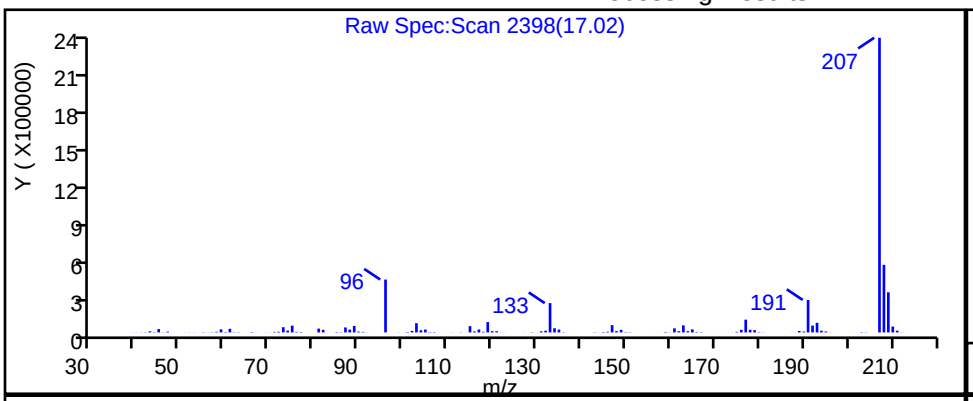
User Disabled Compound Report

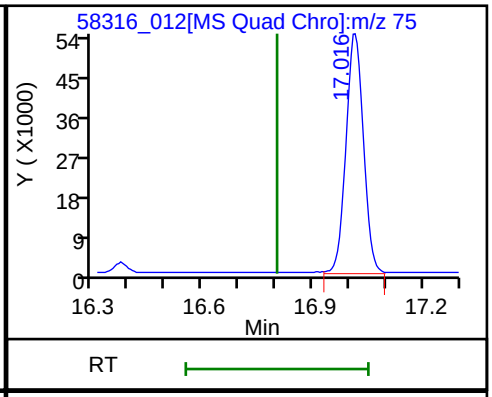
Eurofins Burlington

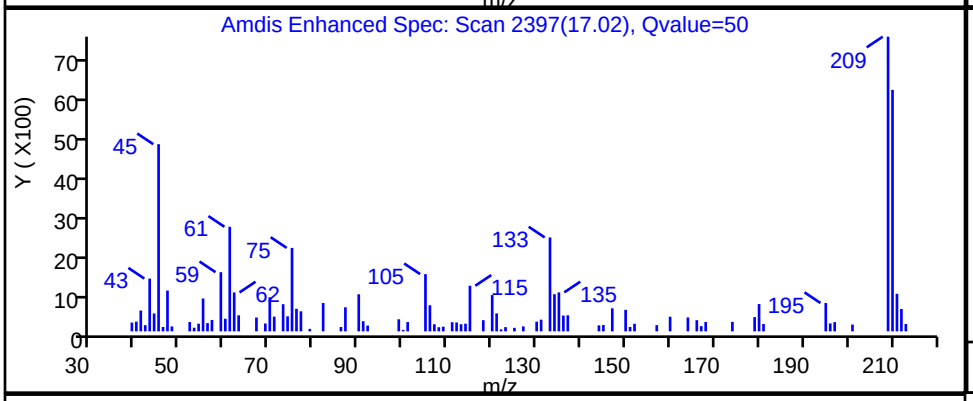
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Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

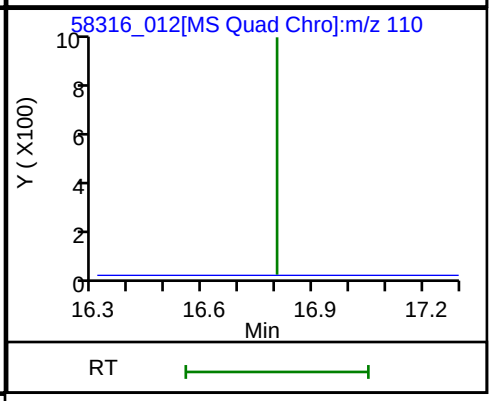
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

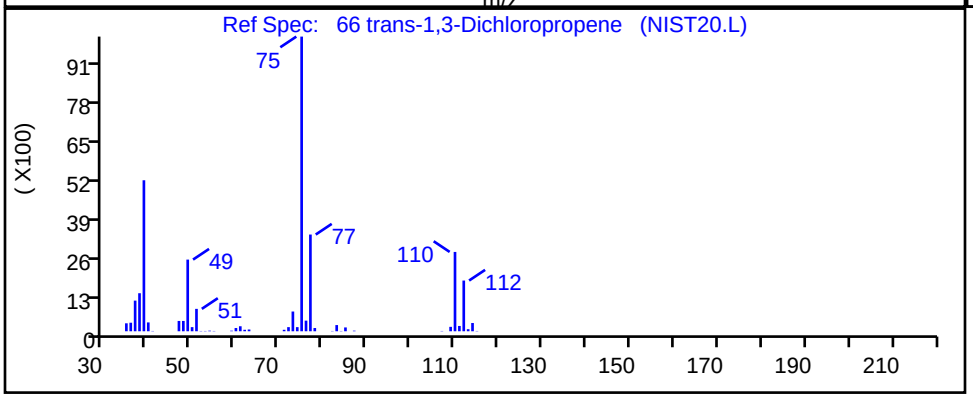
Processing Results











RT	Mass	Response	Amount
17.02	75.00	178487	2.711111
16.80	110.00	0	

Reviewer: F7XK, 21-Dec-2023 08:10:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

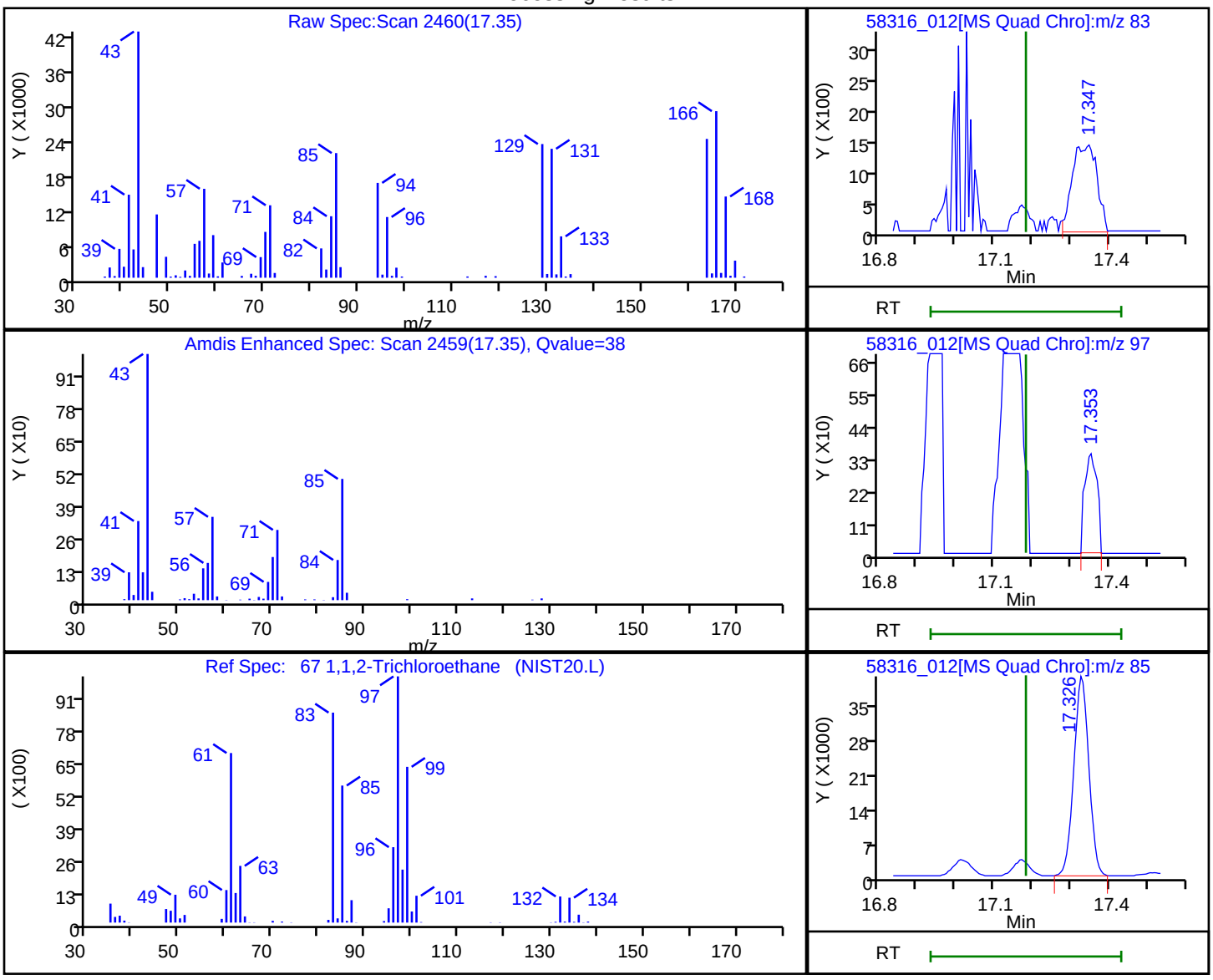
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
17.35	83.00	6342	0.128297
17.35	97.00	774	
17.33	85.00	110728	

Reviewer: F7XK, 21-Dec-2023 08:10:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

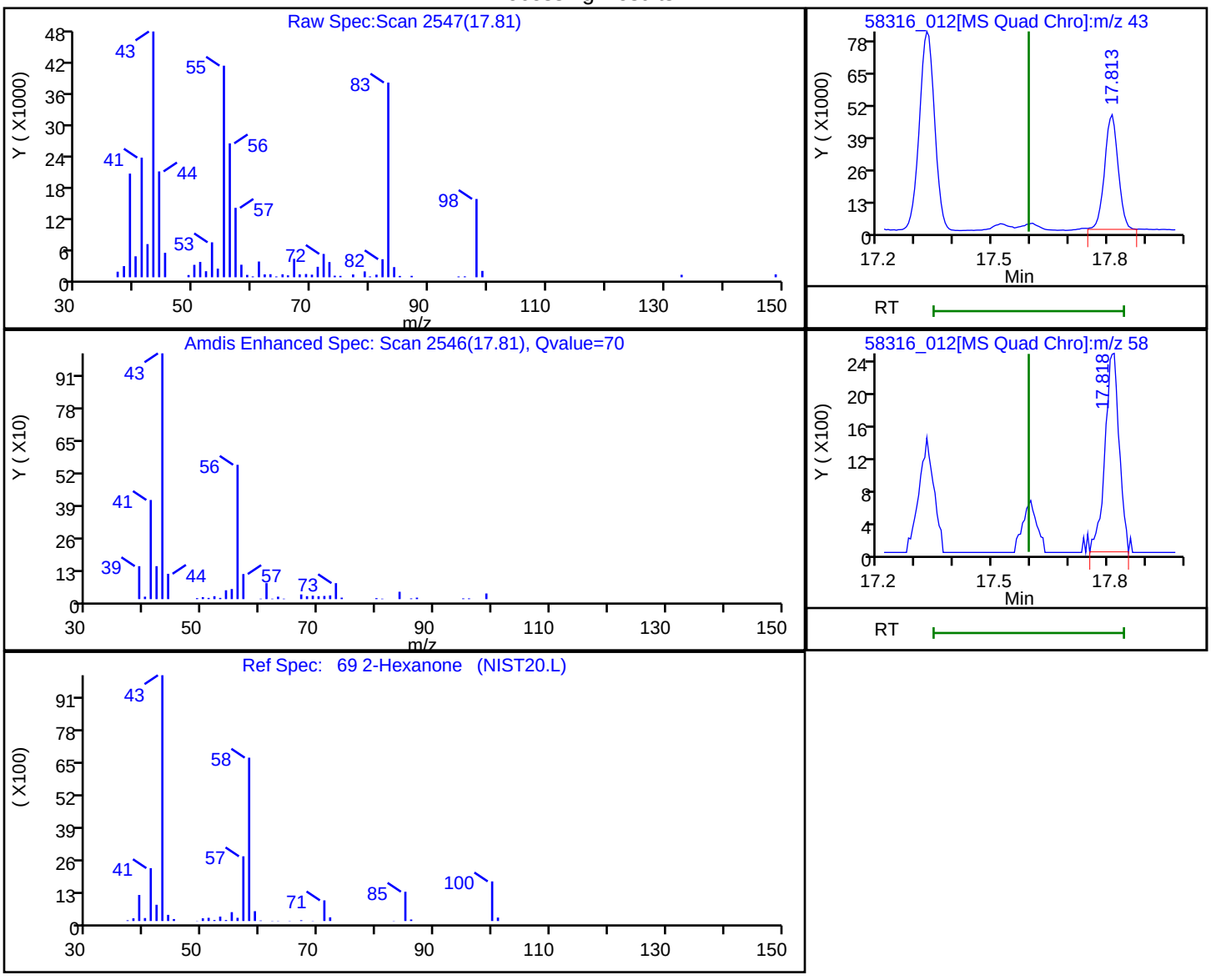
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
17.81	43.00	115465	1.226667
17.82	58.00	6294	

Reviewer: F7XK, 21-Dec-2023 08:11:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

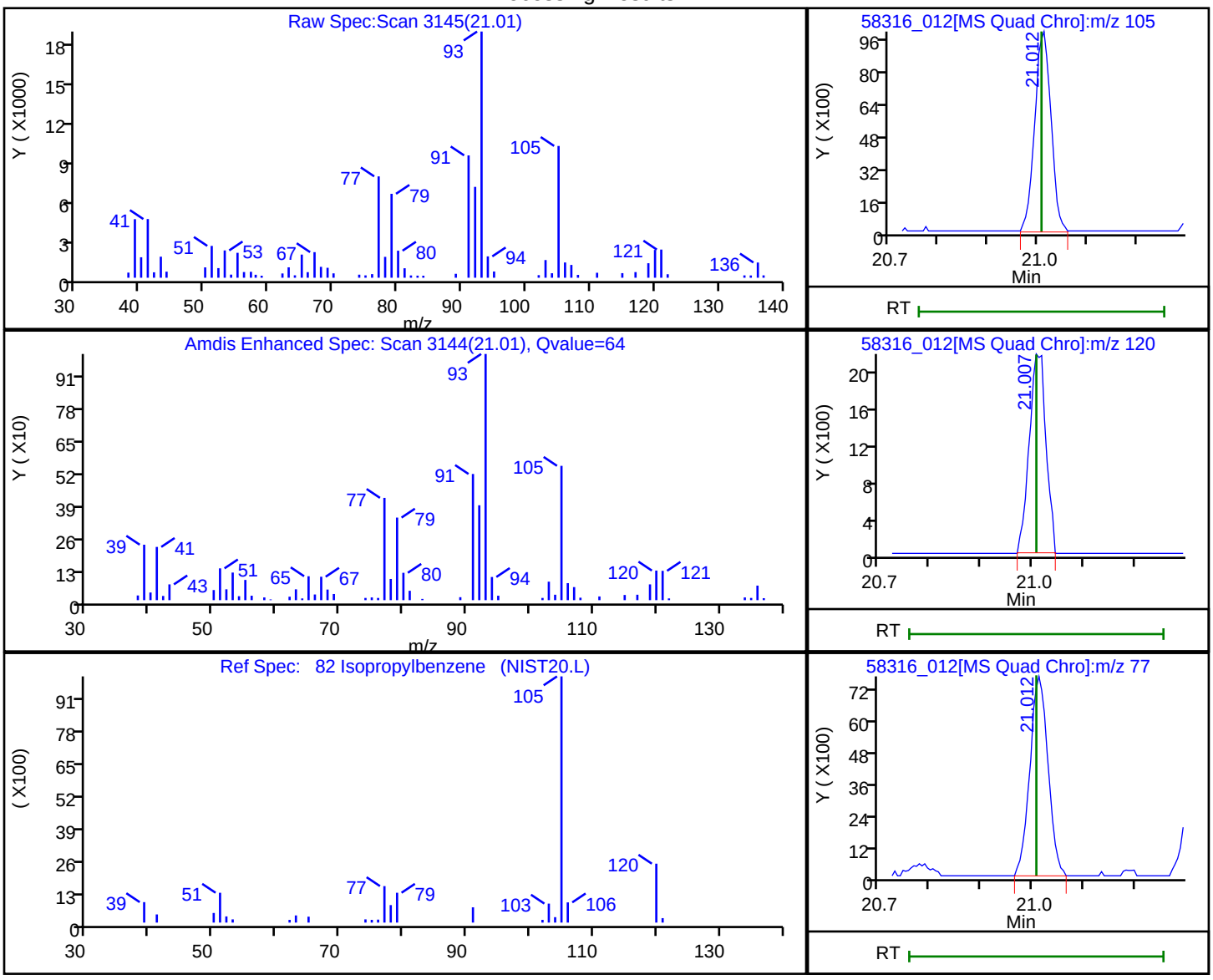
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
21.01	105.00	22845	0.119367
21.01	120.00	4917	
21.01	77.00	19020	

Reviewer: BKZ7, 21-Dec-2023 07:30:56 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

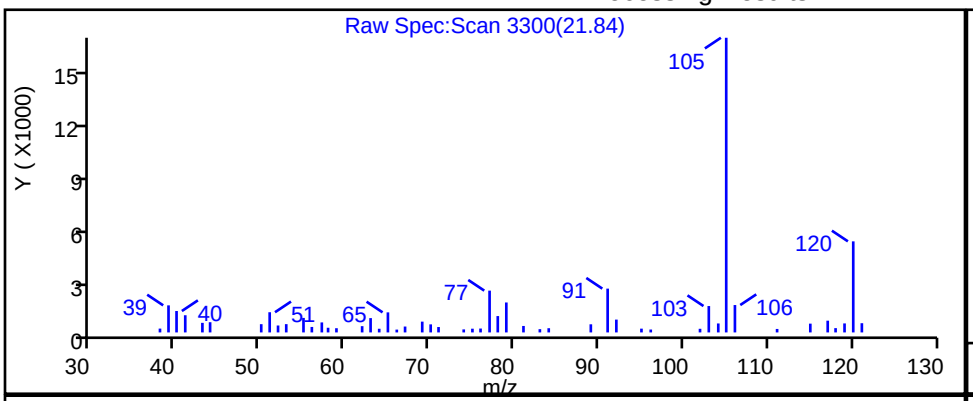
User Disabled Compound Report

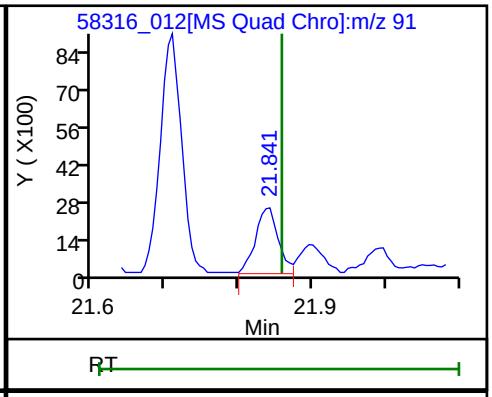
Eurofins Burlington

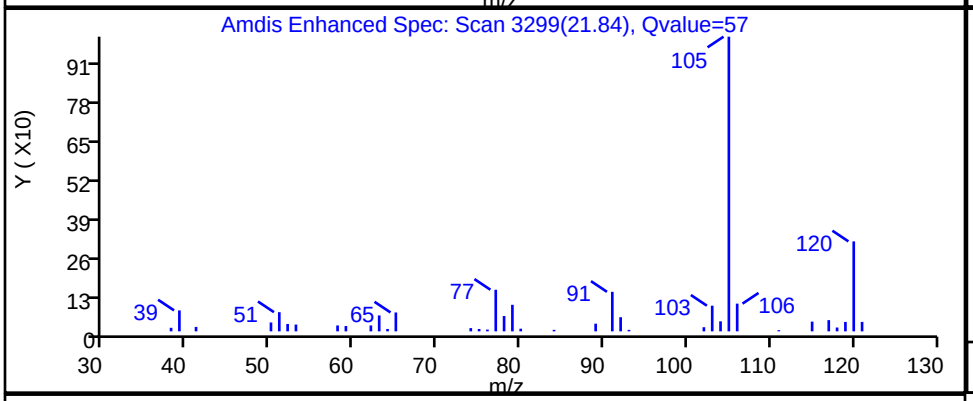
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

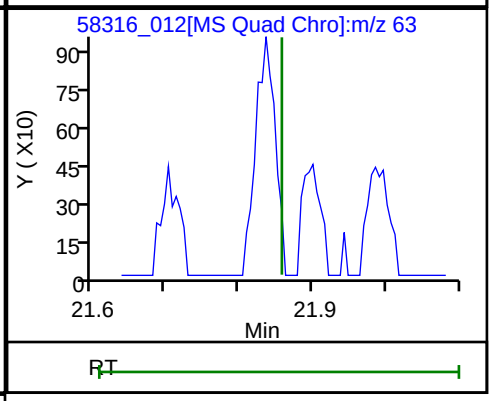
86 2-Chlorotoluene, CAS: 95-49-8

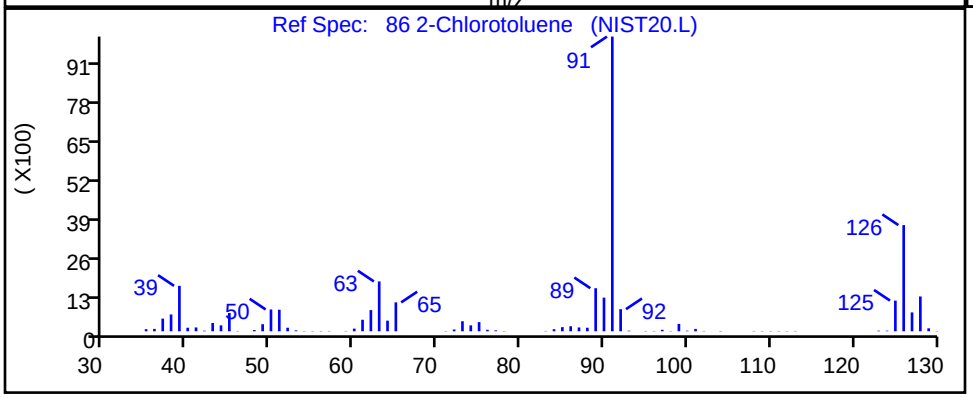
Processing Results











RT	Mass	Response	Amount
21.84	91.00	5237	0.031391
21.86	63.00	0	

Reviewer: F7XK, 21-Dec-2023 08:11:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

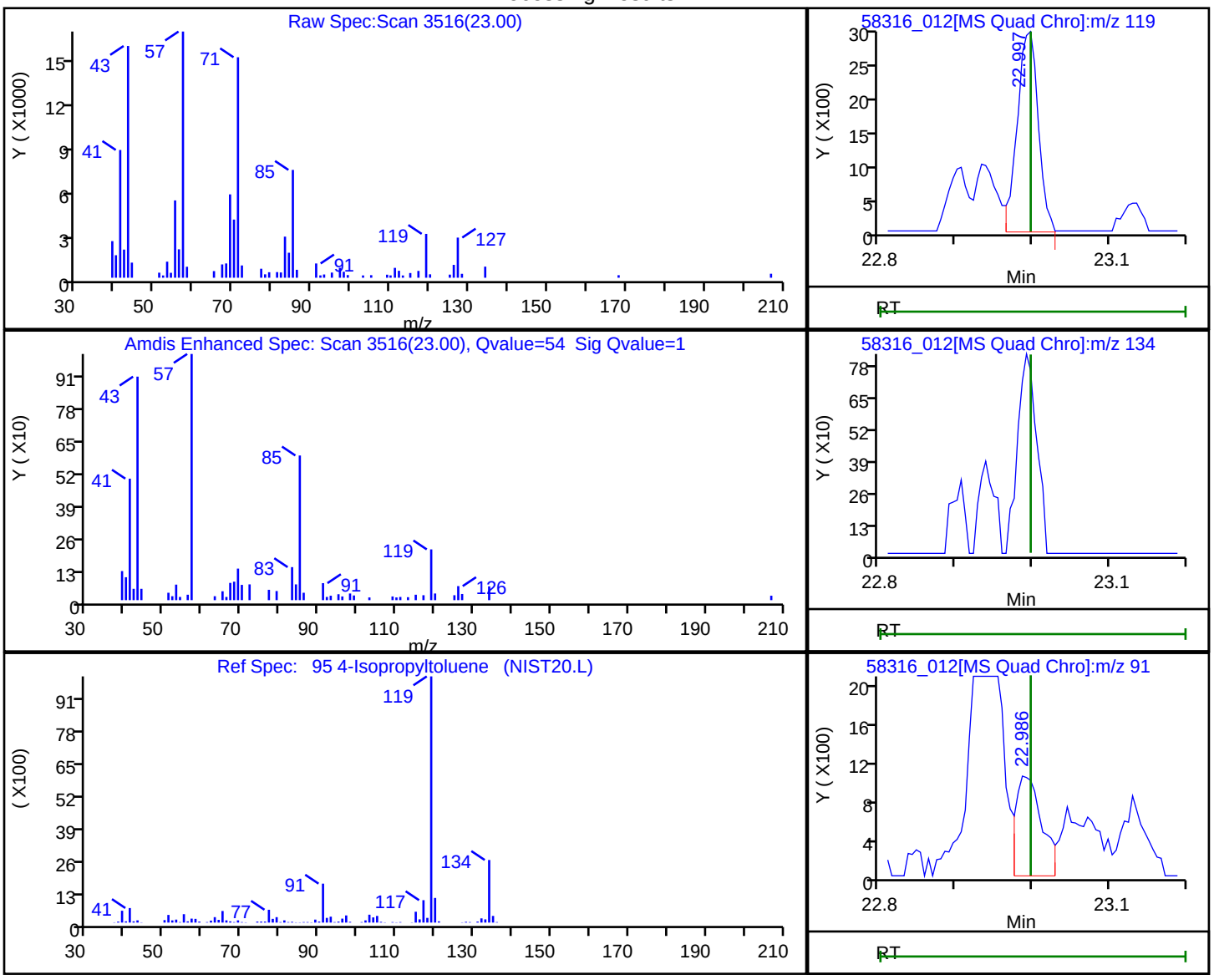
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
23.00	119.00	5712	0.029048
23.00	134.00	0	
22.99	91.00	2417	

Reviewer: BKZ7, 21-Dec-2023 07:30:47 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

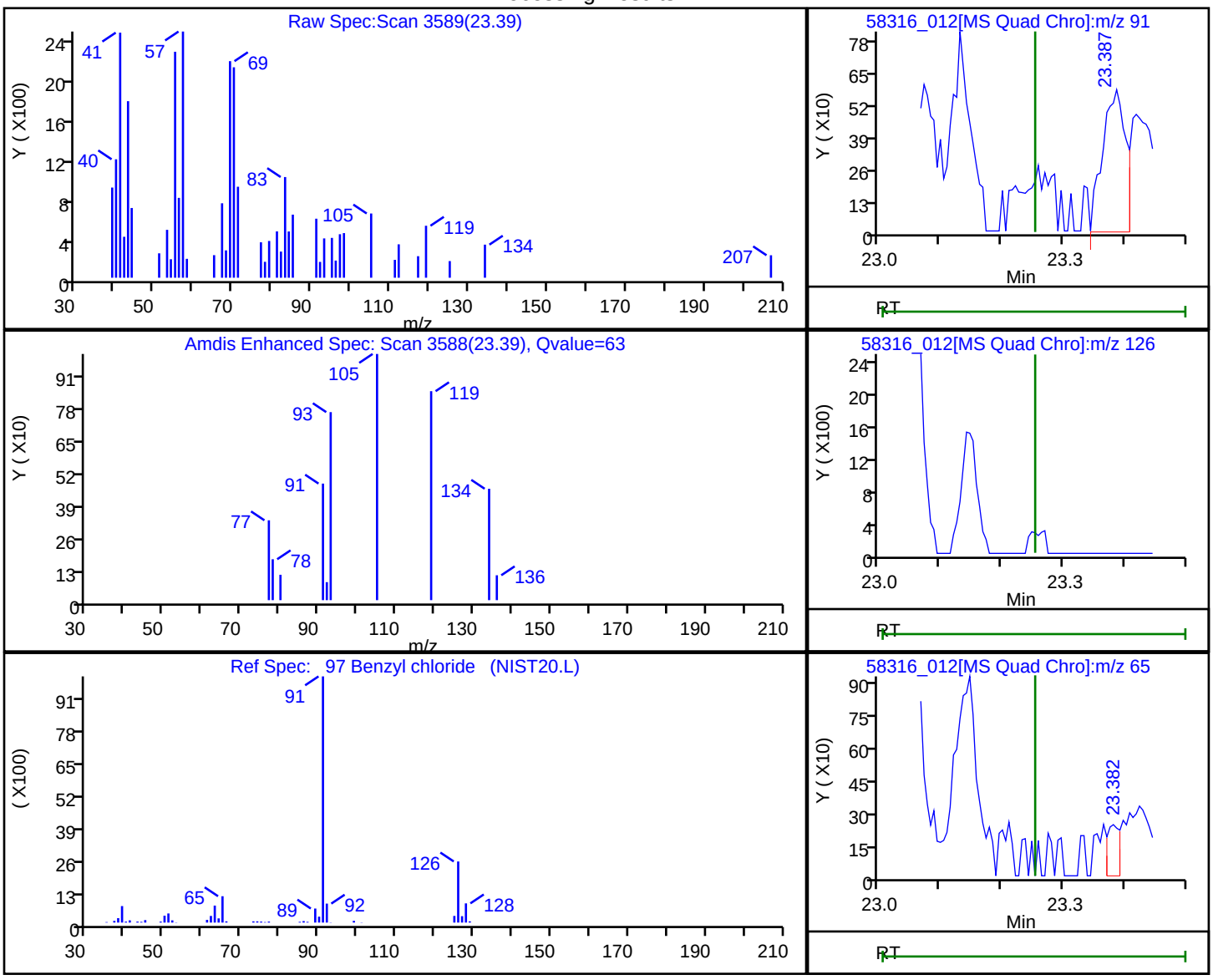
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_012.D				
Injection Date:	20-Dec-2023 17:23:29	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-1	Lab Sample ID:	200-71332-1		
Client ID:	SVES-INF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.39	91.00	1513	0.009684
23.25	126.00	0	
23.38	65.00	345	

Reviewer: F7XK, 21-Dec-2023 08:12:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 Lab Sample ID: 200-71332-2

Matrix: Air Lab File ID: 58316_013.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	1.0	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	3.8		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	0.96	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	3.4		1.5	0.41
75-35-4	1,1-Dichloroethene	1.8		0.14	0.10
67-64-1	Acetone	18		12	3.8
67-63-0	Isopropyl alcohol	65		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	3.9		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	1.7		0.79	0.091
110-54-3	n-Hexane	1.2	J	1.8	0.39
75-34-3	1,1-Dichloroethane	20		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	4.5		0.20	0.083
67-66-3	Chloroform	1.5		0.98	0.20
109-99-9	Tetrahydrofuran	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	8.2		1.1	0.24
110-82-7	Cyclohexane	0.49	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.24		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.66	J	0.93	0.18
71-43-2	Benzene	2.6		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	1.8		0.82	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 Lab Sample ID: 200-71332-2

Matrix: Air Lab File ID: 58316_013.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1.6		0.19	0.13
80-62-6	Methyl methacrylate	1.3	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.83	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.0		2.0	0.53
108-88-3	Toluene	22		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	3.1		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.1		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	4.8		2.2	0.41
95-47-6	o-Xylene	2.1		0.87	0.27
100-42-5	Styrene	1.6		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.54	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.38	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.47	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.48	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	1.7		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 Lab Sample ID: 200-71332-2

Matrix: Air Lab File ID: 58316_013.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Lims ID: 200-71332-A-2
Client ID: SVES-INT-08_20231218
Sample Type: Client
Inject. Date: 20-Dec-2023 18:15:09 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058316-013
Misc. Info.: 71332-2
Operator ID: wrd Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:33:11 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 21-Dec-2023 08:21:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.417	4.428	-0.011	99	34511	0.4353	
3 Chlorodifluoromethane	51	4.471	4.476	-0.005	96	12757	0.2816	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.797				ND	MU
5 Chloromethane	50	4.925	4.925	-0.001	96	3672	0.1300	
7 Butane	43	5.225	5.225	0.000	99	110527	1.59	
6 Vinyl chloride	62		5.230				ND	MU
8 Butadiene	54		5.343				ND	7
9 Bromomethane	94		6.086				ND	
10 Chloroethane	64	6.359	6.365	-0.006	1	459	0.0246	7M
13 Vinyl bromide	106		6.798				ND	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	98	14942	0.1707	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	96	18122	0.4652	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.076	-0.001	93	37592	0.4468	
22 Acetone	43	8.135	8.141	-0.006	98	451164	7.53	
24 Carbon disulfide	76		8.446				ND	MU
23 Isopropyl alcohol	45	8.446	8.451	-0.005	100	1577201	26.3	
26 3-Chloro-1-propene	41		8.756				ND	
27 Methylene Chloride	49	8.997	8.997	0.000	97	56903	1.12	
28 2-Methyl-2-propanol	59	9.237	9.232	0.005	96	34280	0.4378	
30 trans-1,2-Dichloroethene	61	9.489	9.489	0.000	96	27377	0.4200	M
31 Methyl tert-butyl ether	73		9.494				ND	MU
32 Hexane	57	9.997	9.997	0.000	92	20792	0.3297	
33 1,1-Dichloroethane	63	10.281	10.281	0.000	100	409764	5.02	
36 2-Butanone (MEK)	72		11.276				ND	MU
37 cis-1,2-Dichloroethene	96	11.297	11.292	0.005	48	48004	1.14	
* 39 Chlorobromomethane	128	11.709	11.709	0.000	97	338697	10.0	
40 Tetrahydrofuran	42	11.741	11.746	0.000	92	51264	1.11	
41 Chloroform	83	11.891	11.891	0.000	96	27708	0.3047	
42 1,1,1-Trichloroethane	97	12.190	12.190	0.005	97	127786	1.50	
43 Cyclohexane	84	12.308	12.313	0.000	95	7256	0.1422	
44 Carbon tetrachloride	117	12.463	12.463	0.005	94	3269	0.0387	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.822	12.821	0.006	97	105136	0.8117	
46 1,2-Dichloroethane	62		12.902				ND	
47 Isooctane	57	13.025	13.020	0.005	98	28378	0.1415	
48 n-Heptane	43	13.335	13.330	0.010	93	33477	0.4442	M
* 49 1,4-Difluorobenzene	114	13.565	13.560	0.005	96	1627032	10.0	
51 Trichloroethene	95	13.993	13.993	0.005	93	17585	0.2967	
53 1,2-Dichloropropane	63	14.469	14.464	0.010	91	9561	0.1788	
54 Methyl methacrylate	69	14.544	14.545	0.005	94	14949	0.3203	
55 1,4-Dioxane	88		14.587				ND	7
58 Dichlorobromomethane	83		14.935				ND	MU
59 cis-1,3-Dichloropropene	75		15.737				ND	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	0.000	97	73251	0.7345	
62 Toluene	92	16.374	16.373	0.005	93	500557	5.72	
66 trans-1,3-Dichloropropene	75		16.802				ND	MU
67 1,1,2-Trichloroethane	83		17.182				ND	
68 Tetrachloroethene	166	17.358	17.364	0.000	92	30385	0.4556	
69 2-Hexanone	43		17.594				ND	MU
70 Chlorodibromomethane	129		17.915				ND	
71 Ethylene Dibromide	107		18.156				ND	
* 73 Chlorobenzene-d5	117	19.065	19.065	0.000	90	1533357	10.0	
74 Chlorobenzene	112	19.124	19.129	0.000	92	28701	0.2356	
75 Ethylbenzene	91	19.311	19.316	0.000	100	78563	0.3963	
76 m-Xylene & p-Xylene	106	19.562	19.557	-0.011	0	80648	1.11	
78 o-Xylene	106	20.343	20.338	-0.001	98	32563	0.4828	
79 Styrene	104	20.376	20.381	0.000	99	42450	0.3767	
81 Bromoform	173		20.718				ND	
82 Isopropylbenzene	105	21.012	21.013	0.005	94	21878	0.1095	
83 1,1,2,2-Tetrachloroethane	83		21.531				ND	MU
85 N-Propylbenzene	91	21.702	21.714	-0.006	98	20312	0.0771	
86 2-Chlorotoluene	91		21.858				ND	MU
87 4-Ethyltoluene	105	21.900	21.906	0.000	98	19933	0.0964	
88 1,3,5-Trimethylbenzene	105	21.991	21.997	0.000	90	17309	0.0979	
91 tert-Butylbenzene	119		22.467				ND	
92 1,2,4-Trimethylbenzene	105	22.553	22.559	0.000	97	61697	0.3404	
93 sec-Butylbenzene	105	22.783	22.789	0.000	77	2911	0.0115	M
94 1,3-Dichlorobenzene	146		22.960				ND	7
95 4-Isopropyltoluene	119		22.997				ND	MU
96 1,4-Dichlorobenzene	146		23.099				ND	7
97 Benzyl chloride	91		23.254				ND	7
98 n-Butylbenzene	91		23.559				ND	7
99 1,2-Dichlorobenzene	146		23.607				ND	
102 1,2,4-Trichlorobenzene	180		26.111				ND	
103 Hexachlorobutadiene	225		26.357				ND	
104 Naphthalene	128		26.614				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

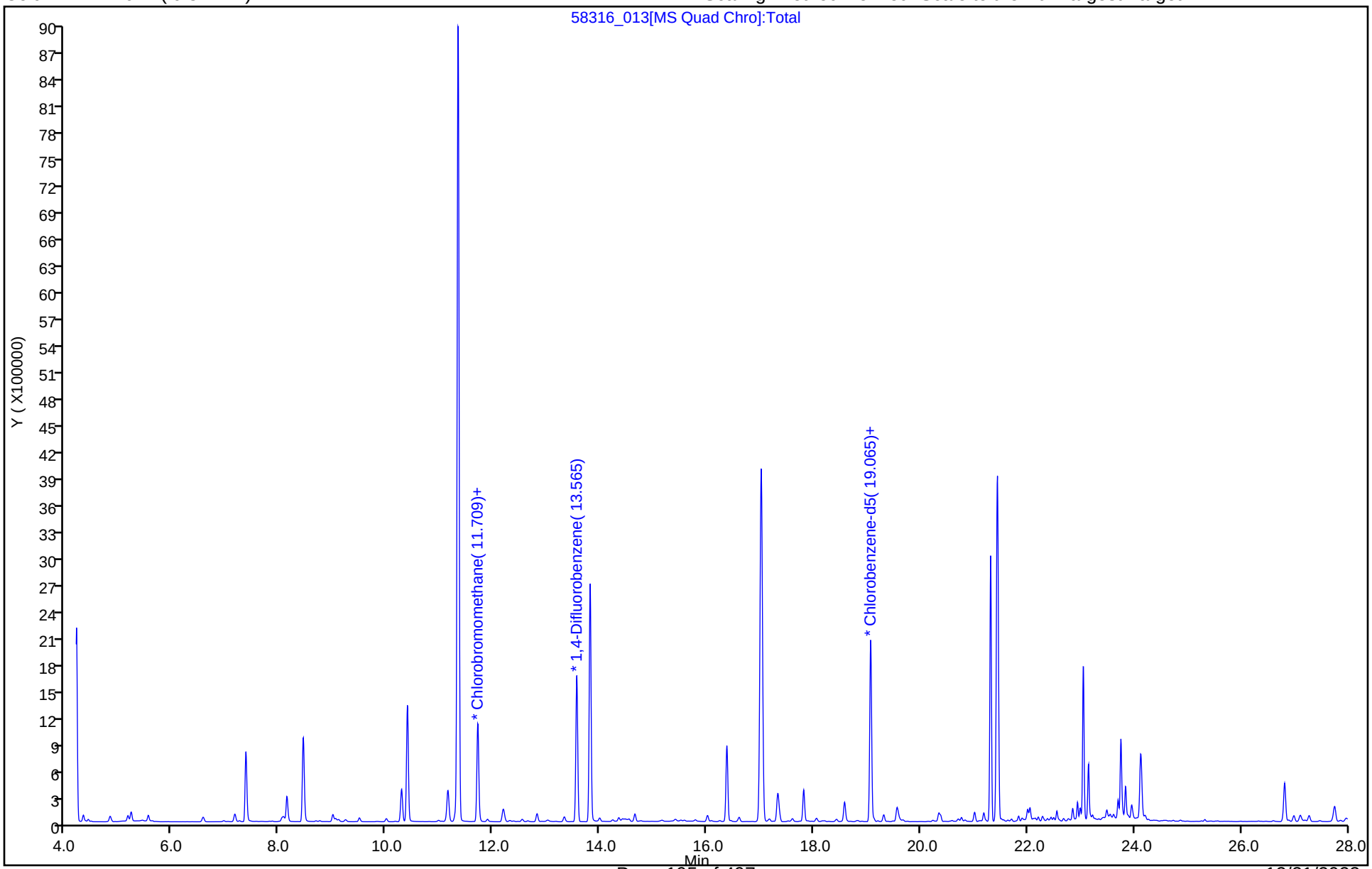
ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 21-Dec-2023 07:33:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2	Worklist Smp#:	13
Client ID:	SVES-INT-08_20231218				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

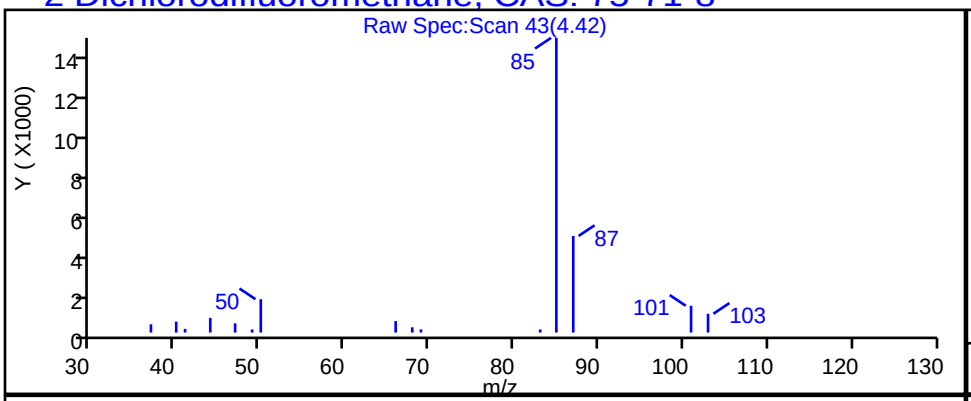


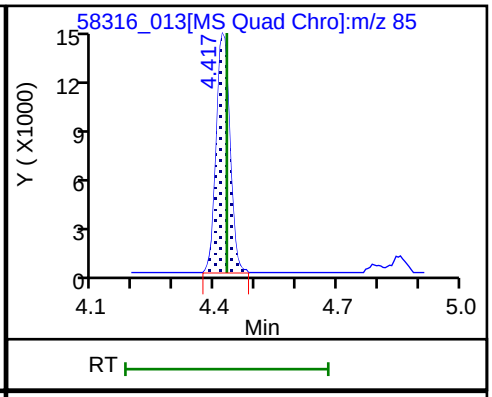
12/21/2023
11:57 AM

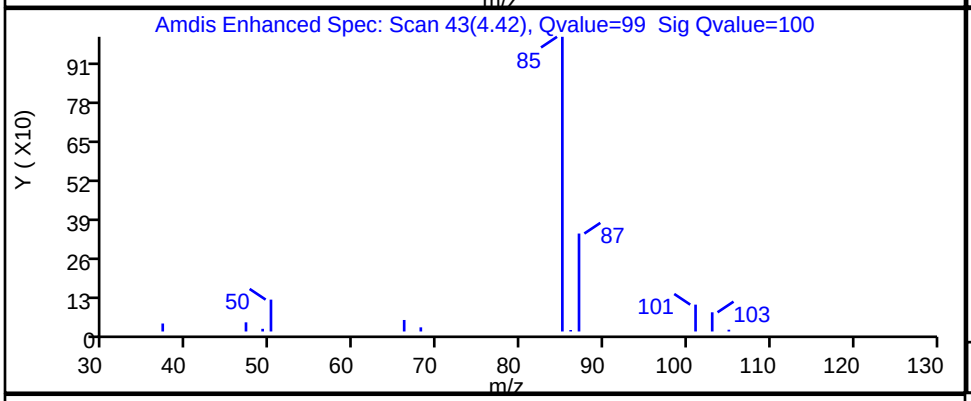
Eurofins Burlington

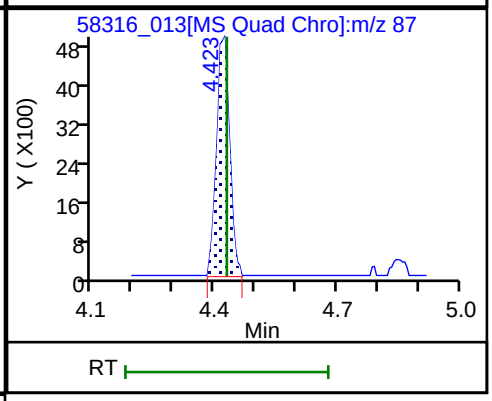
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

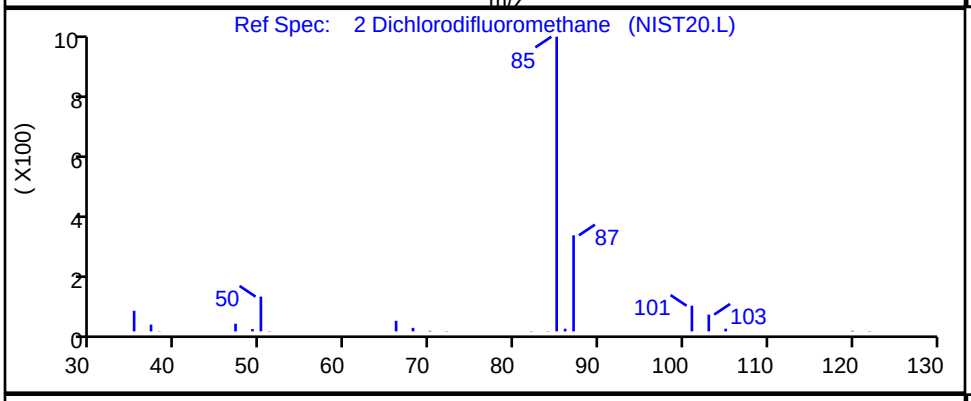
2 Dichlorodifluoromethane, CAS: 75-71-8

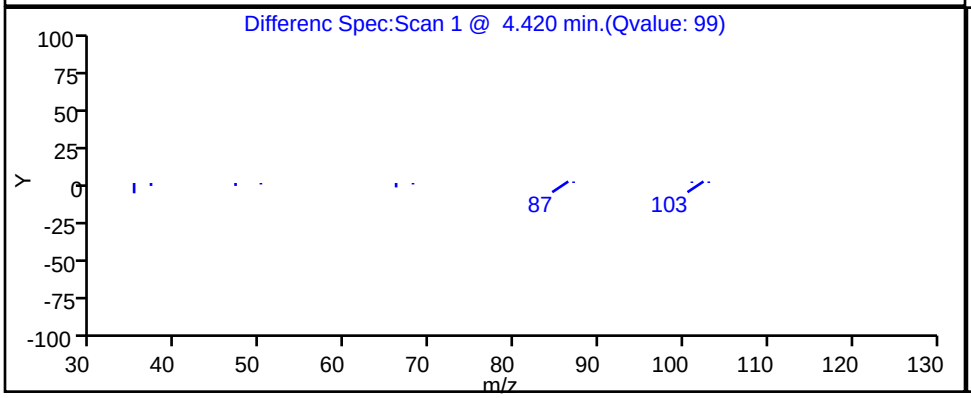


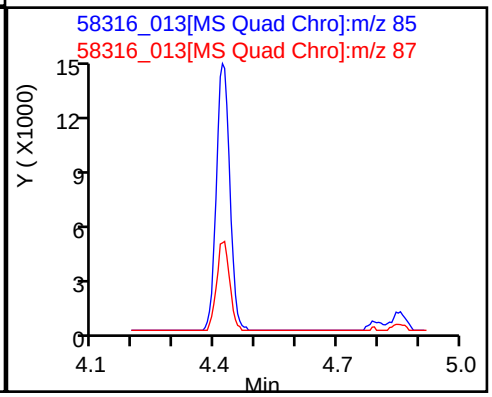








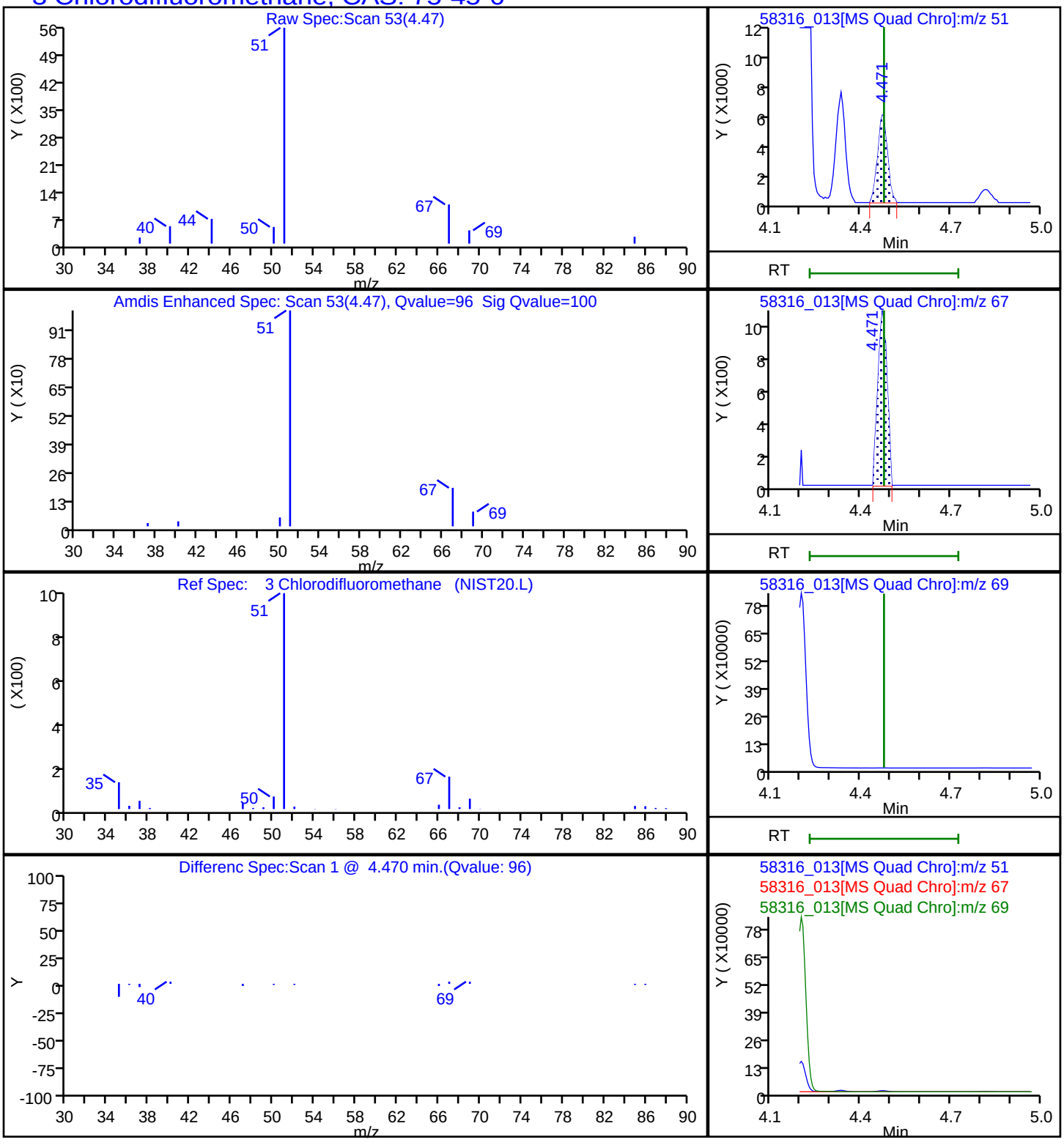




Eurofins Burlington

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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

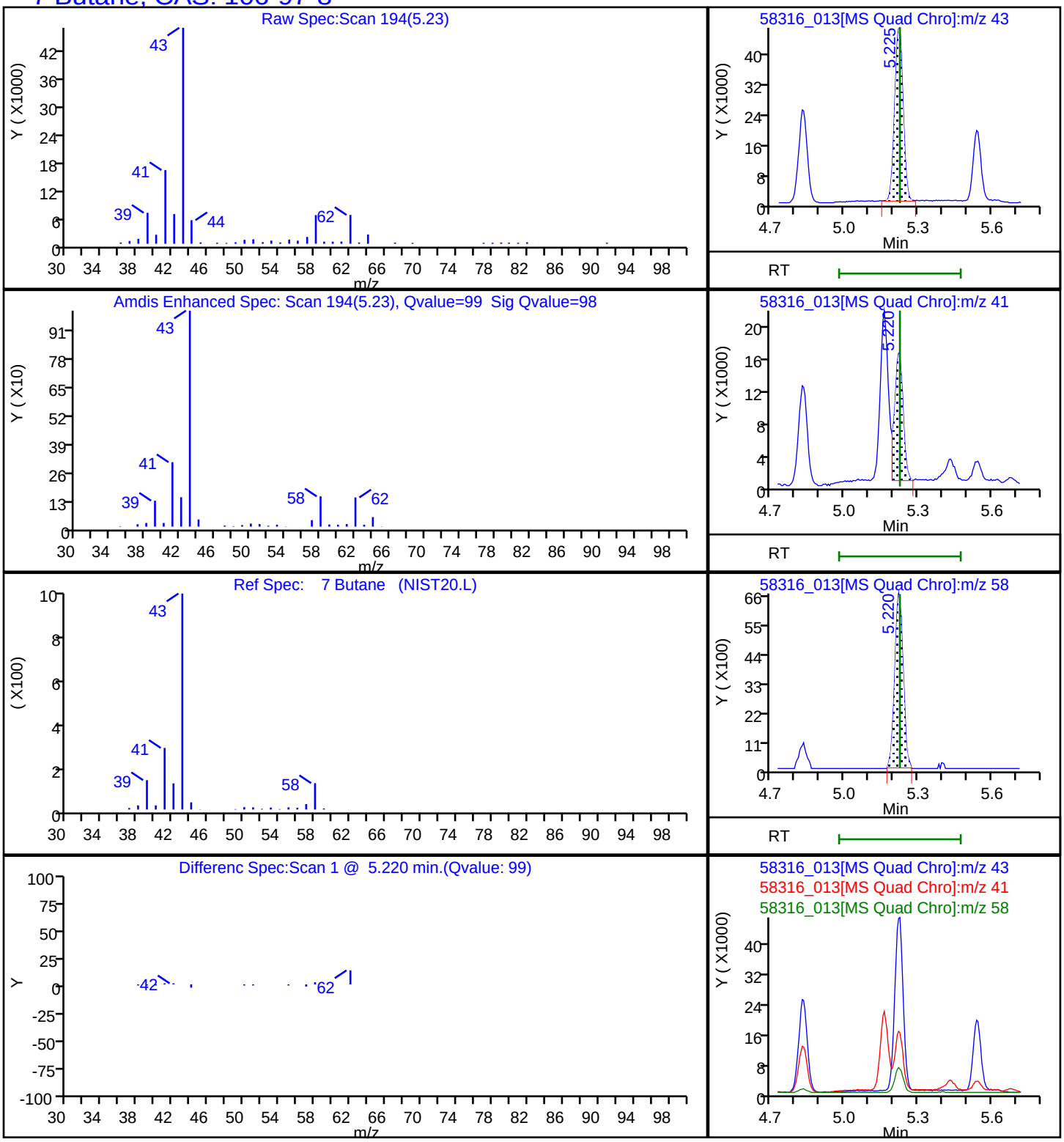
3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

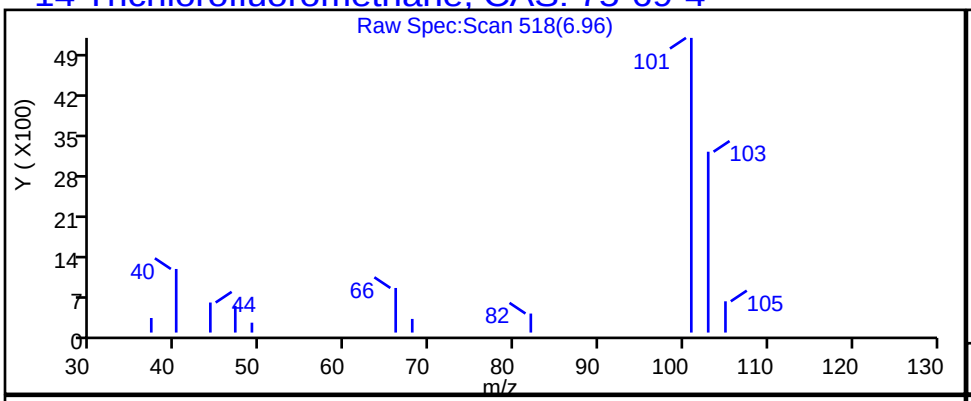
7 Butane, CAS: 106-97-8

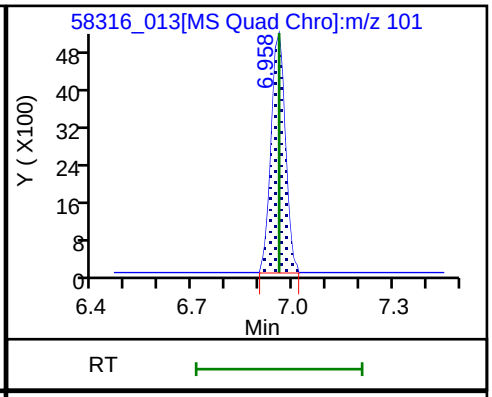


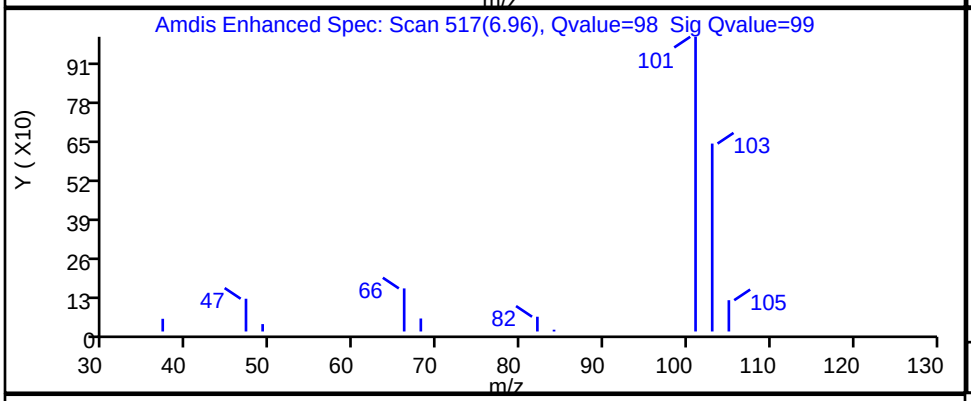
Eurofins Burlington

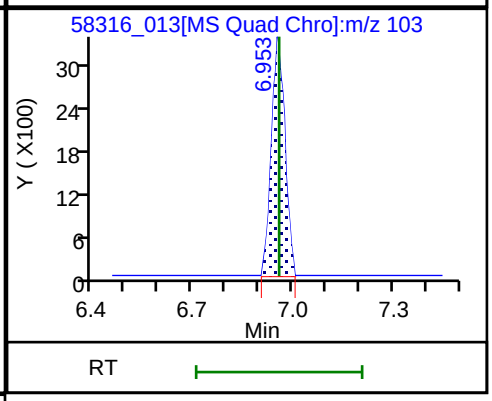
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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

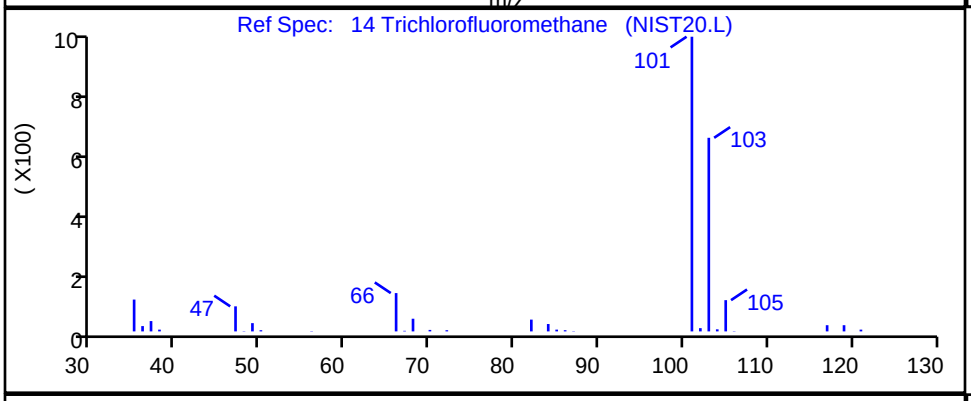
14 Trichlorofluoromethane, CAS: 75-69-4

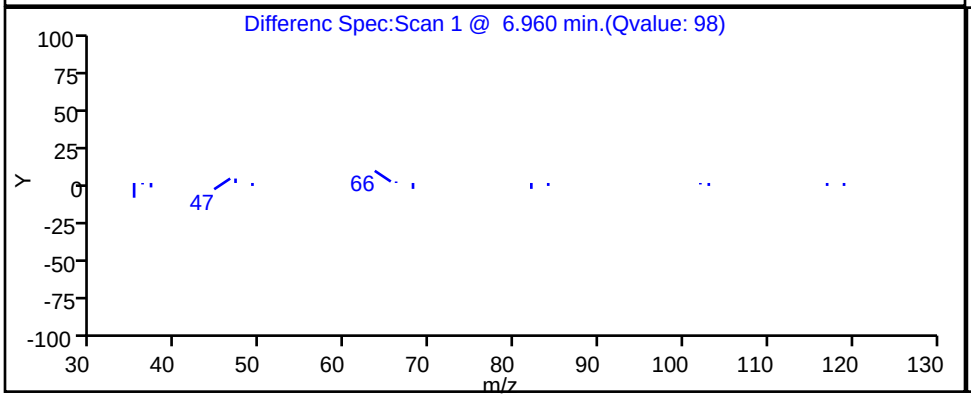


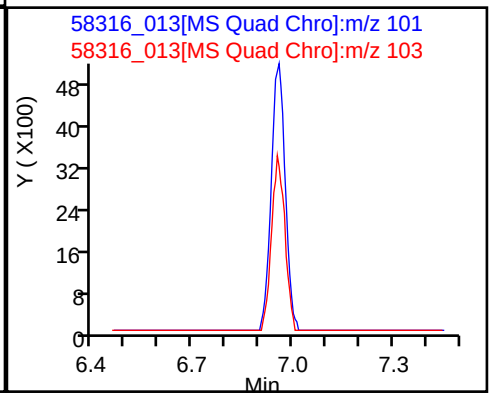








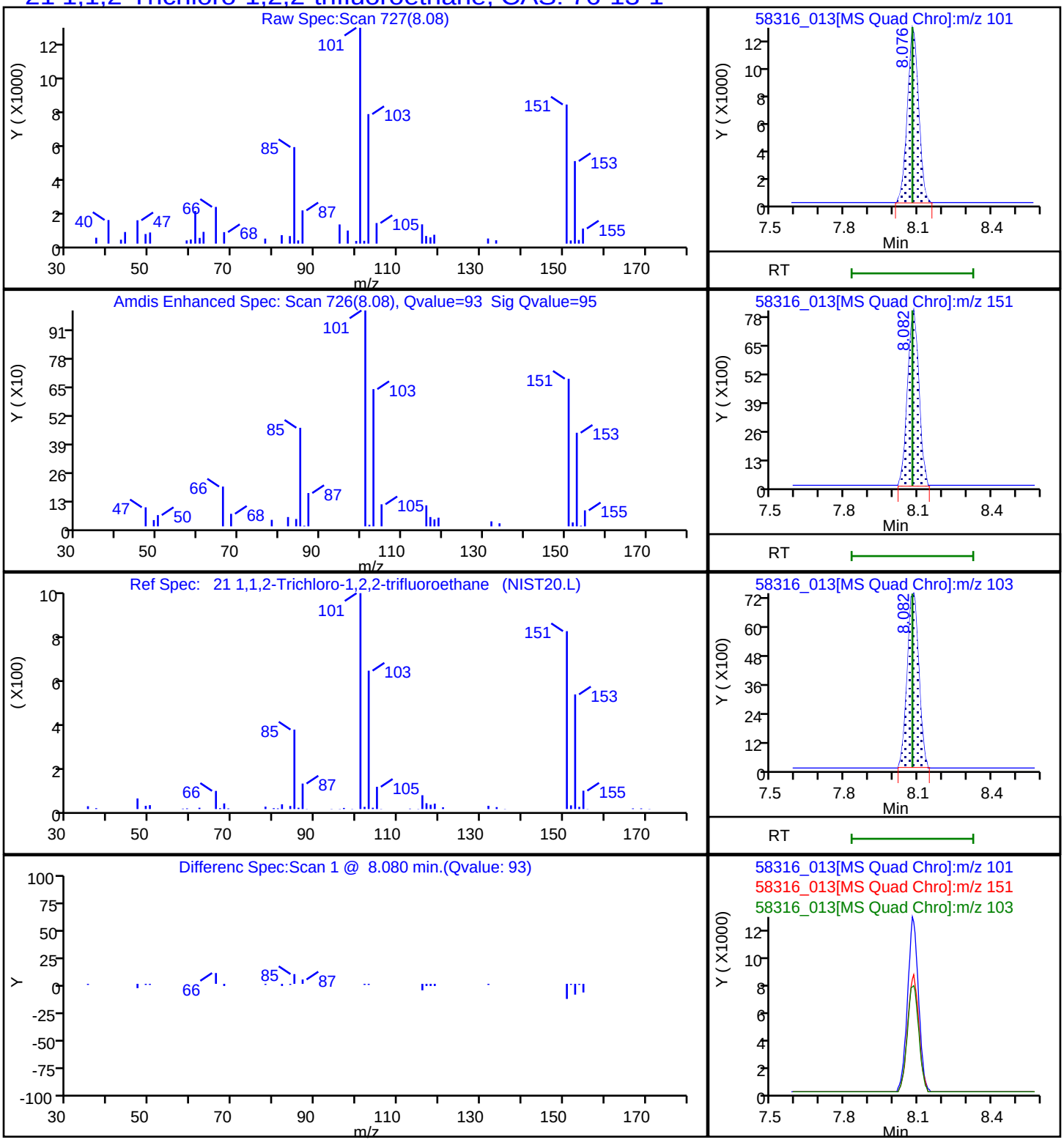




Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

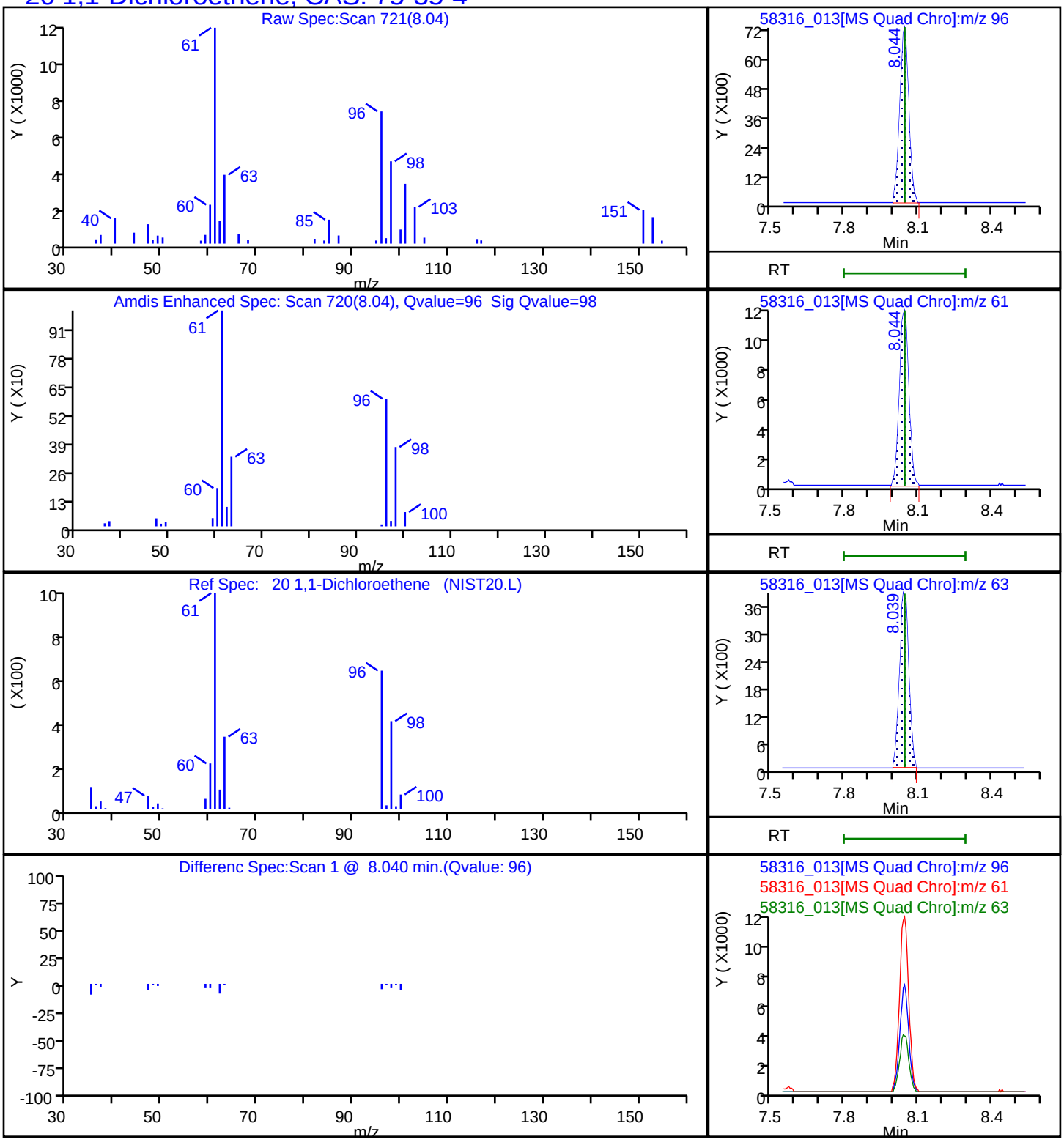
21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Eurofins Burlington

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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

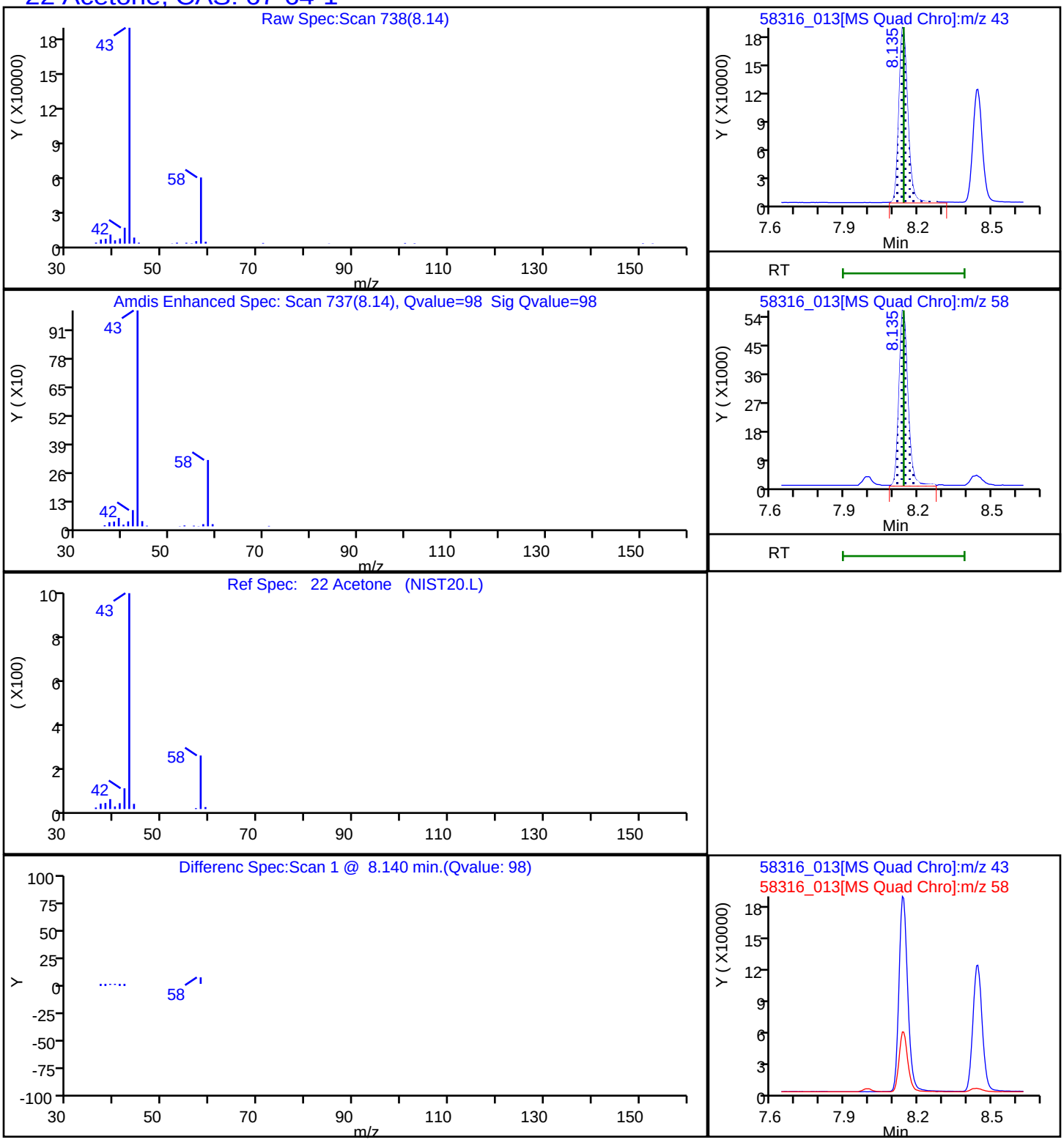
20 1,1-Dichloroethene, CAS: 75-35-4



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

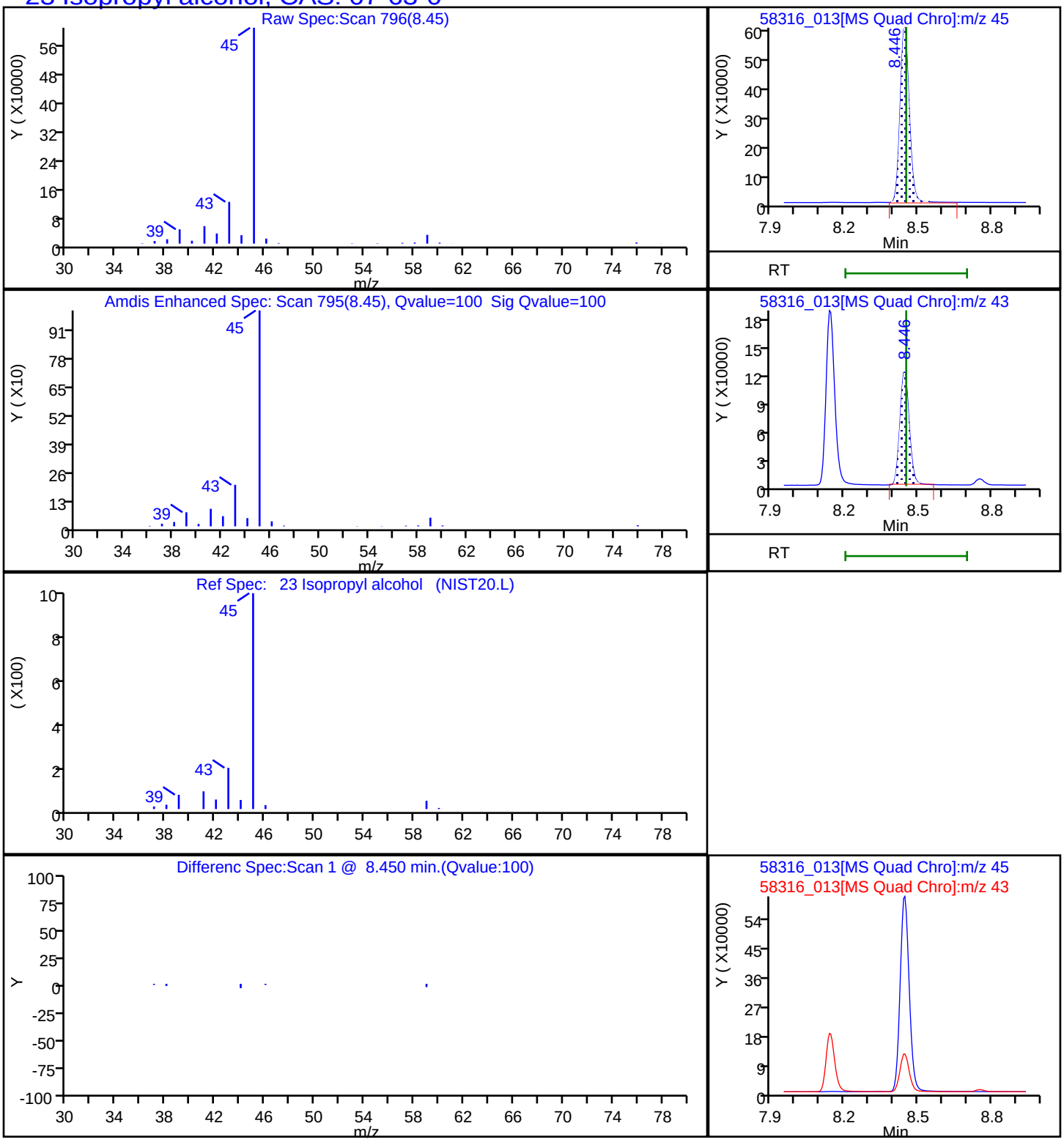
22 Acetone, CAS: 67-64-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

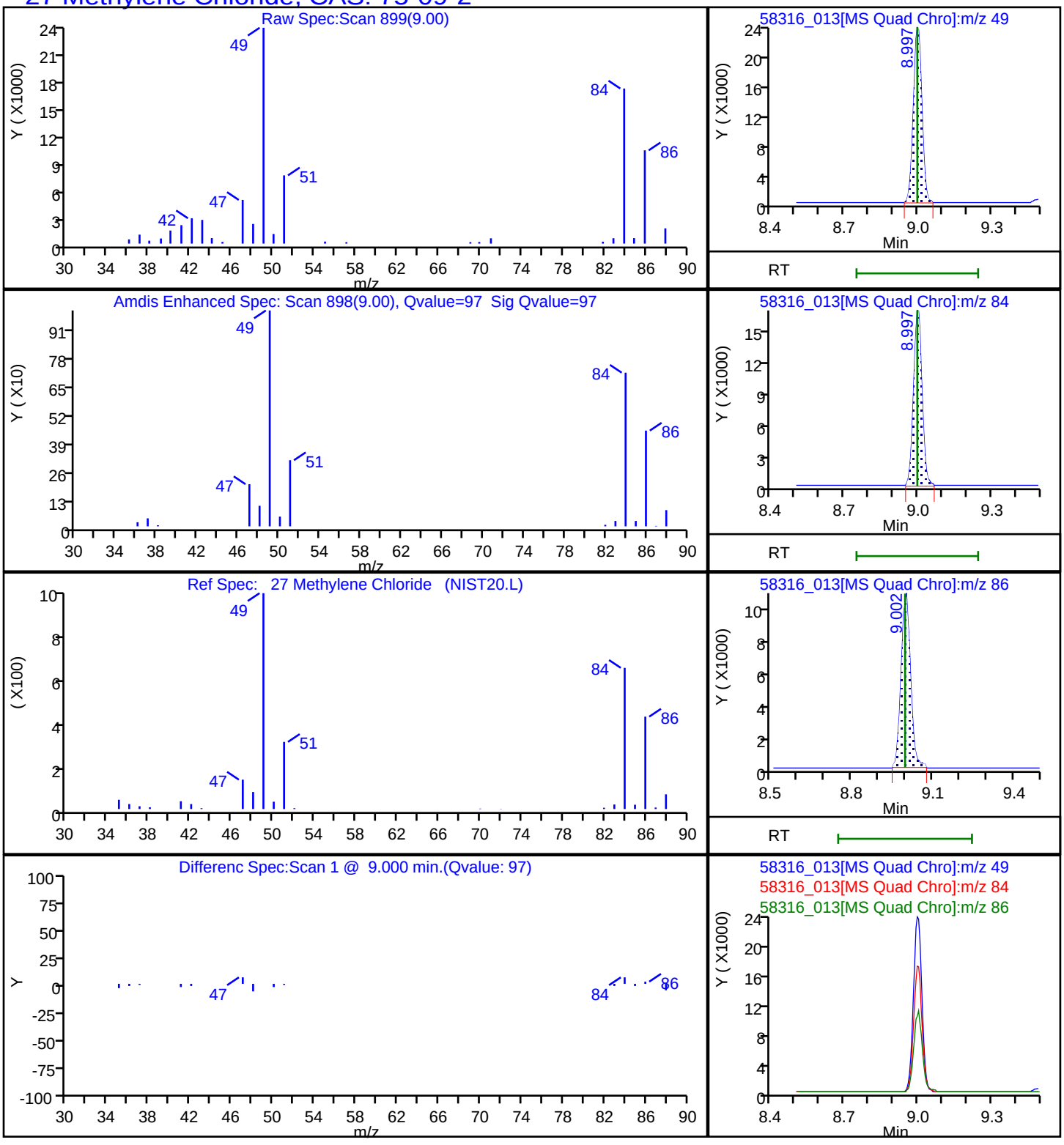
23 Isopropyl alcohol, CAS: 67-63-0



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

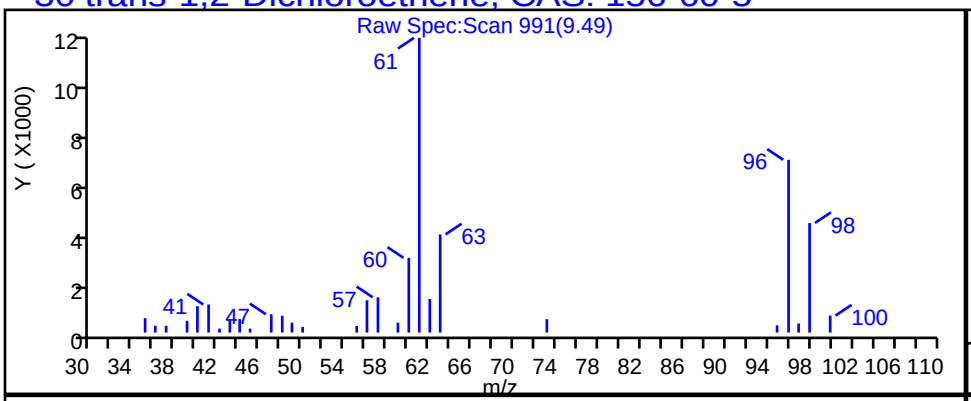
27 Methylene Chloride, CAS: 75-09-2

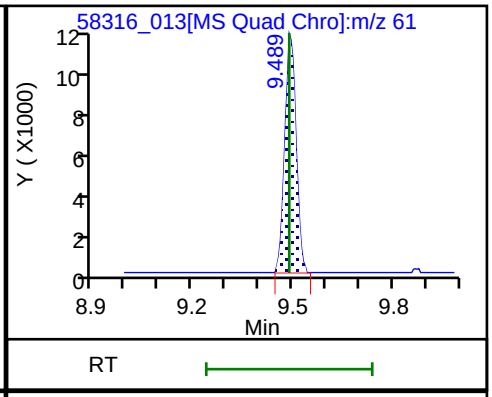


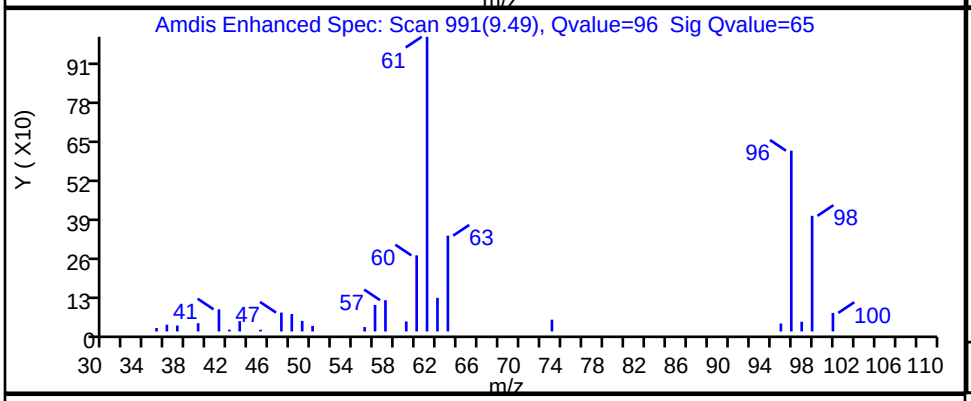
Eurofins Burlington

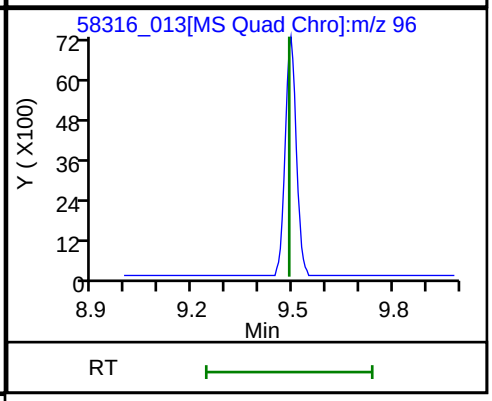
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

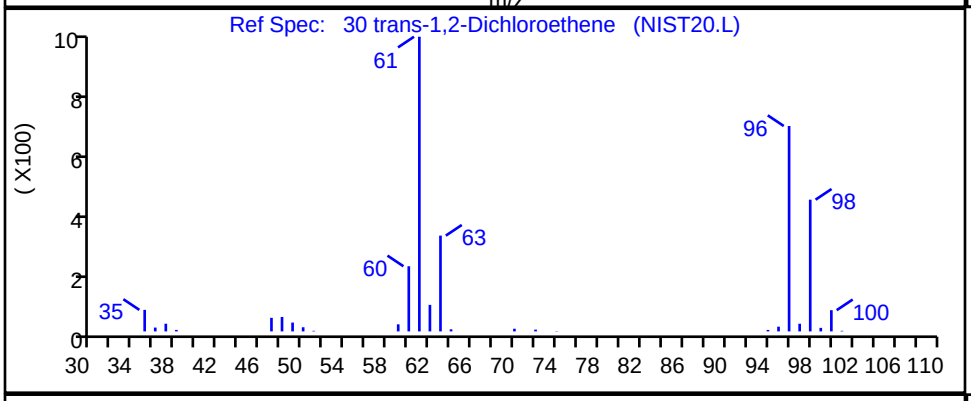
30 trans-1,2-Dichloroethene, CAS: 156-60-5

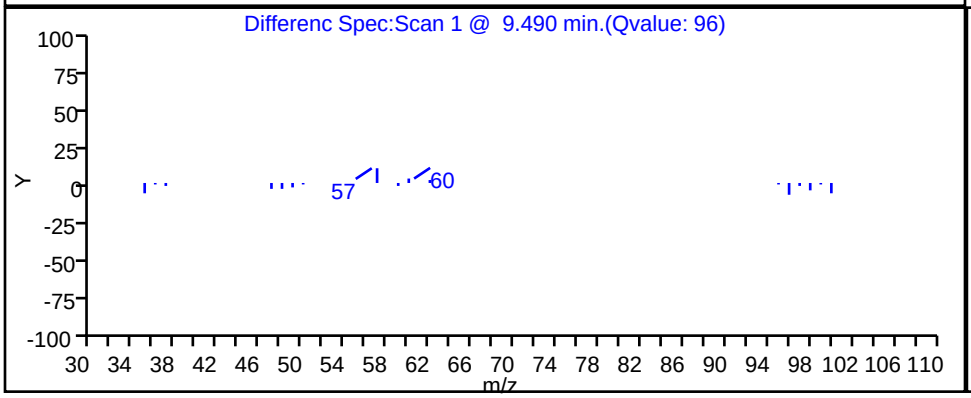


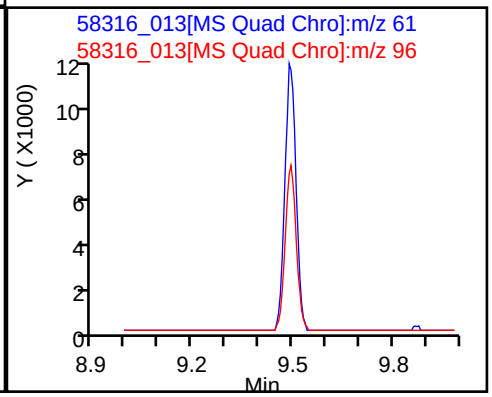










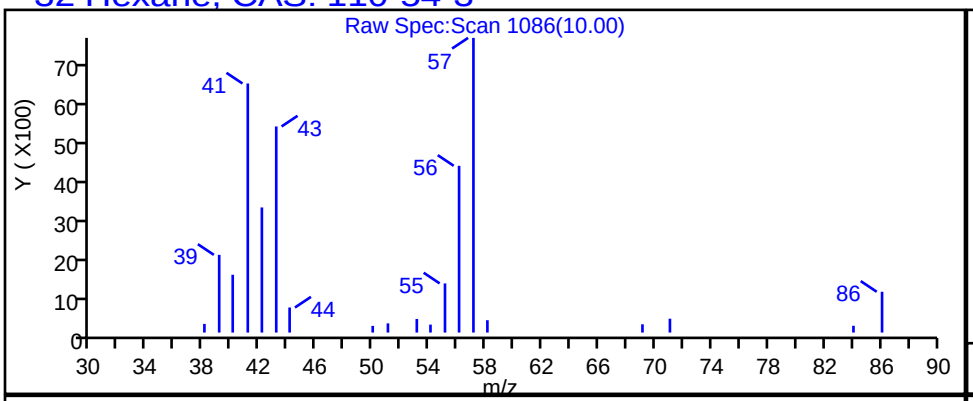


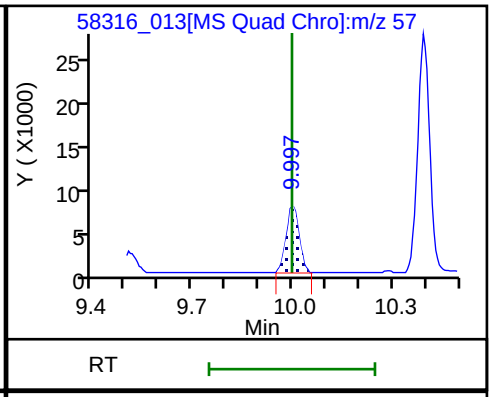
Report Date: 21-Dec-2023 07:33:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

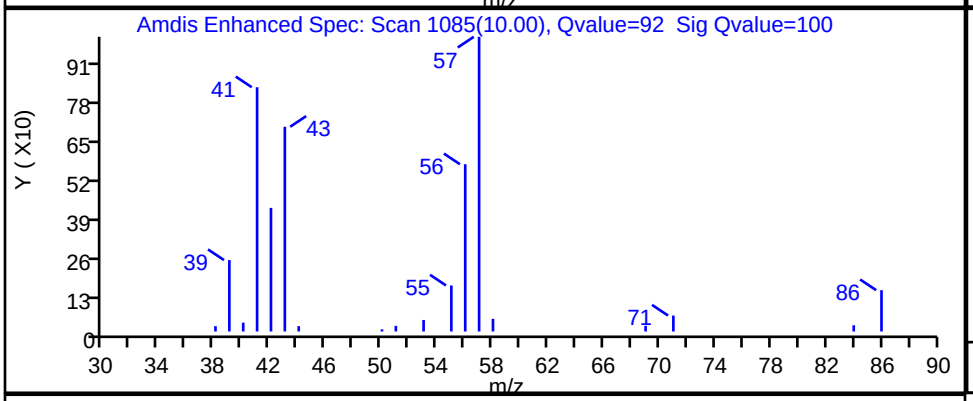
Eurofins Burlington

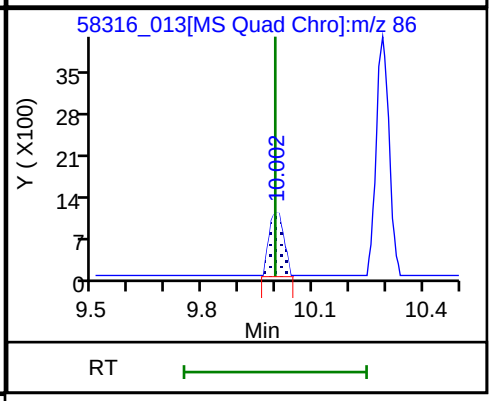
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

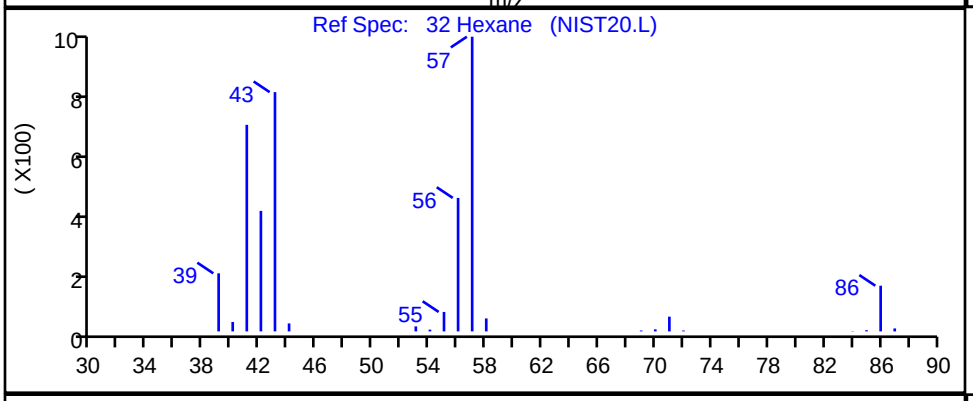
32 Hexane, CAS: 110-54-3

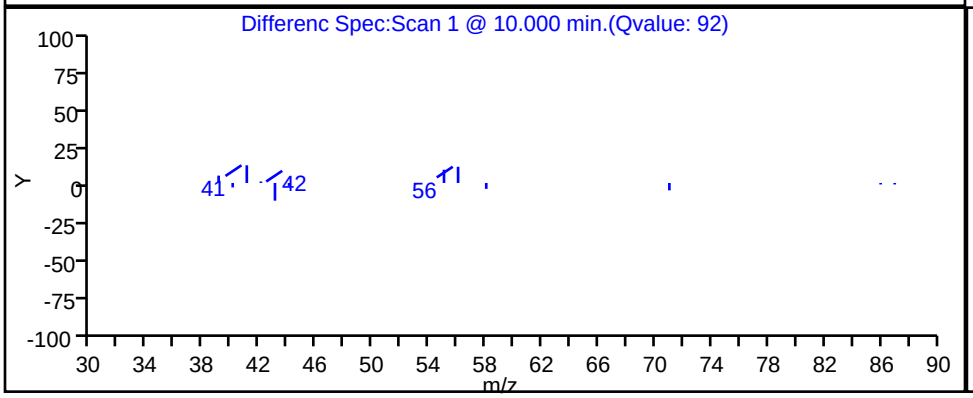


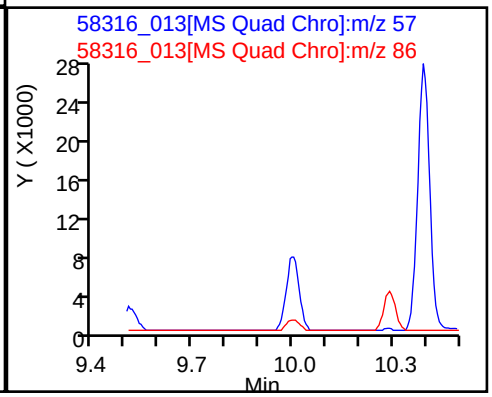








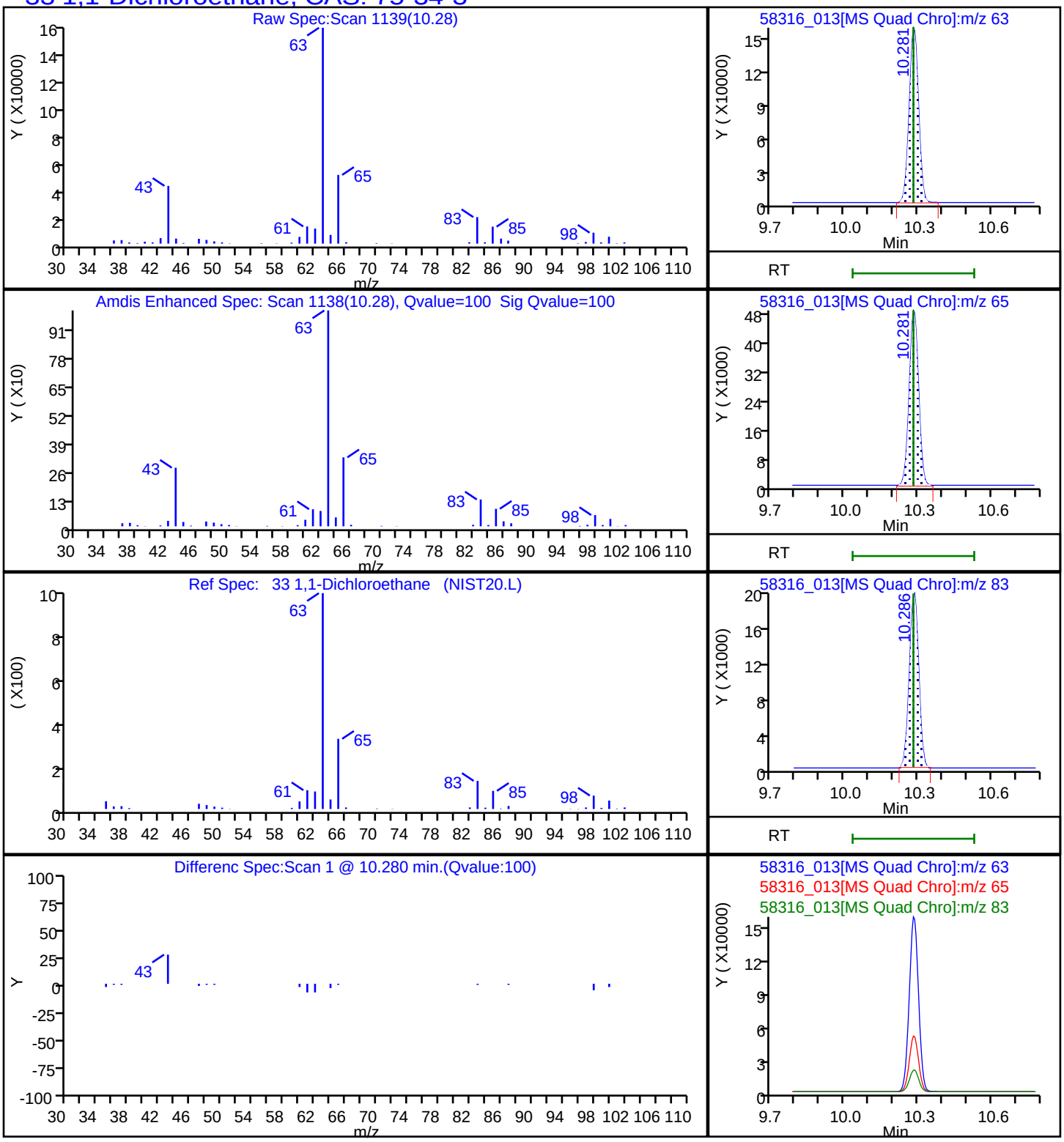




Eurofins Burlington

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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

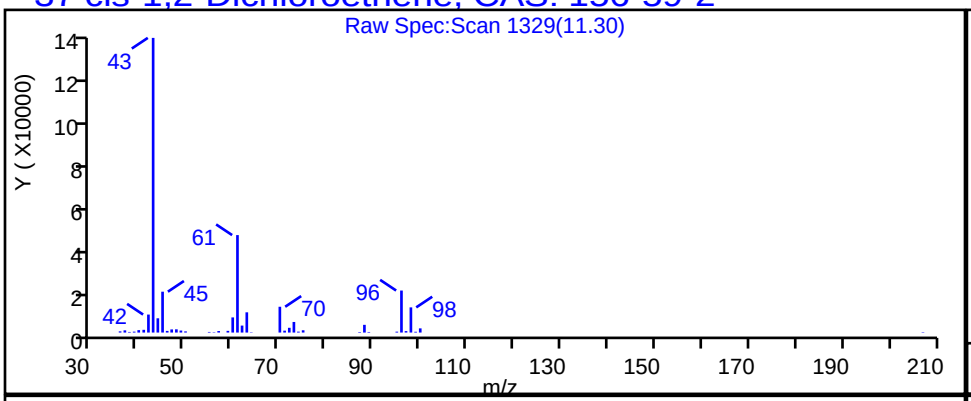
33 1,1-Dichloroethane, CAS: 75-34-3

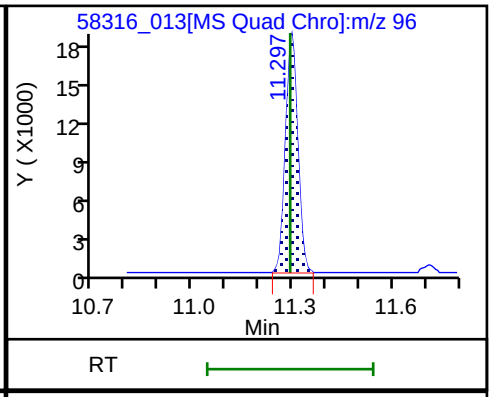


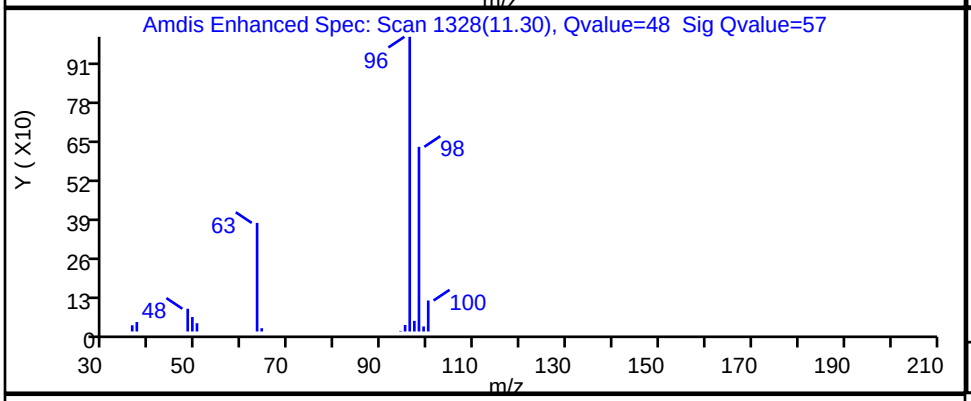
Eurofins Burlington

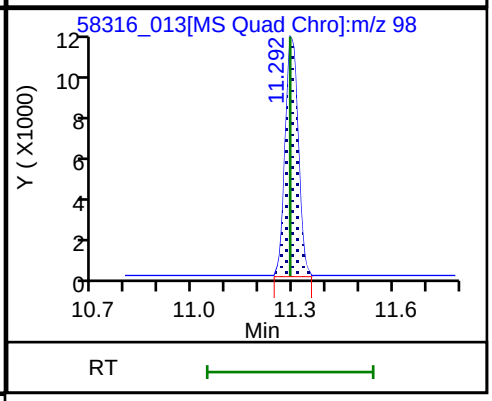
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

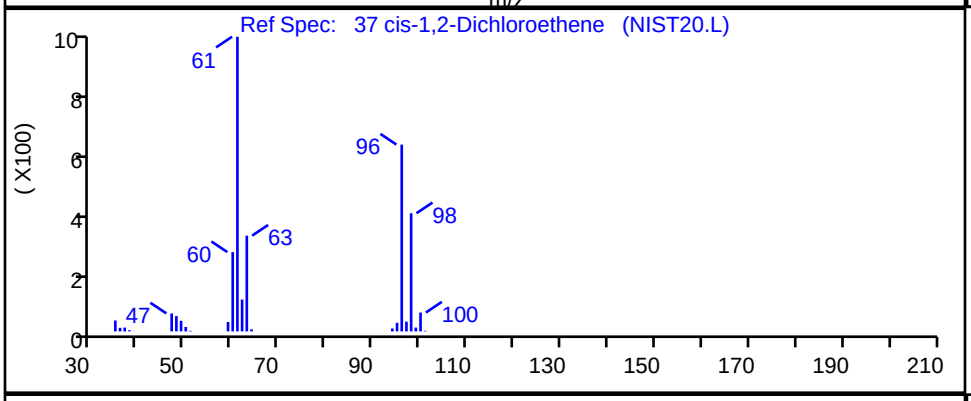
37 cis-1,2-Dichloroethene, CAS: 156-59-2

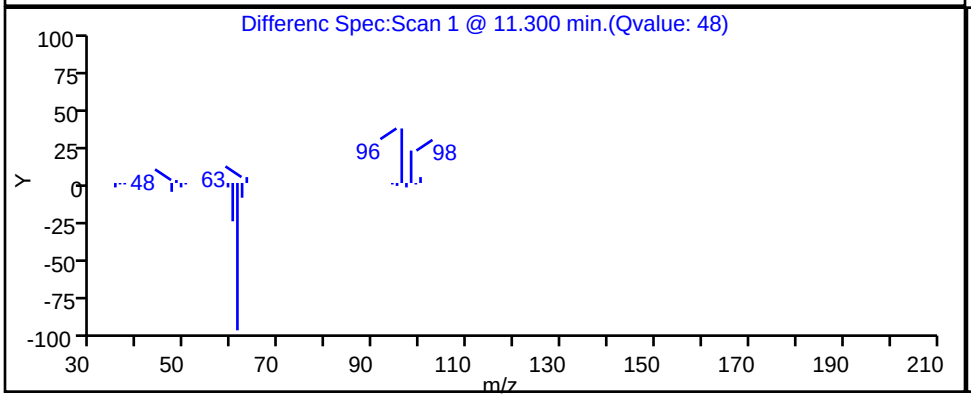


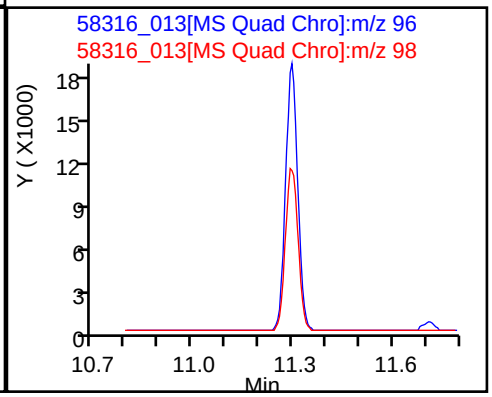








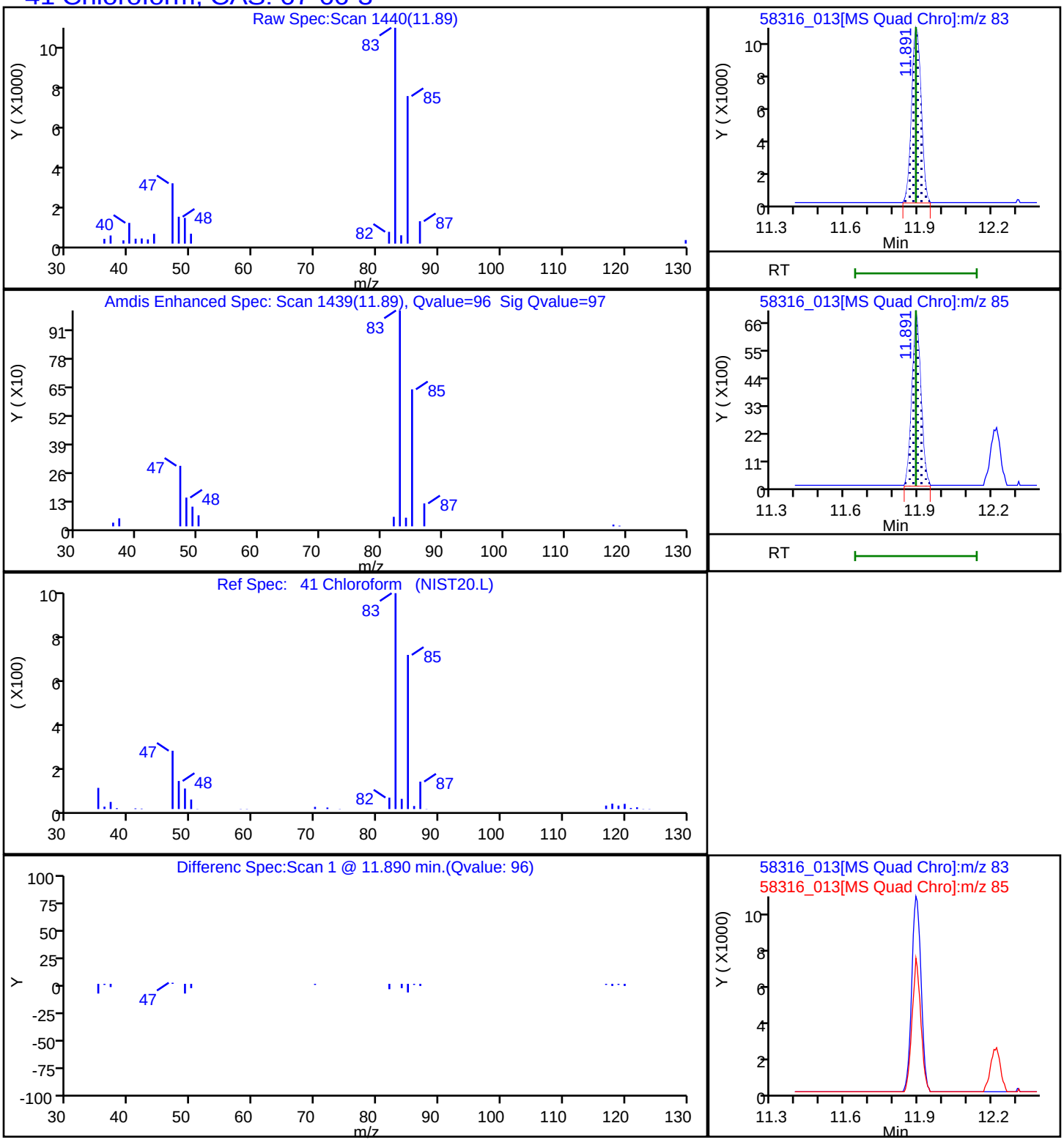




Eurofins Burlington

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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

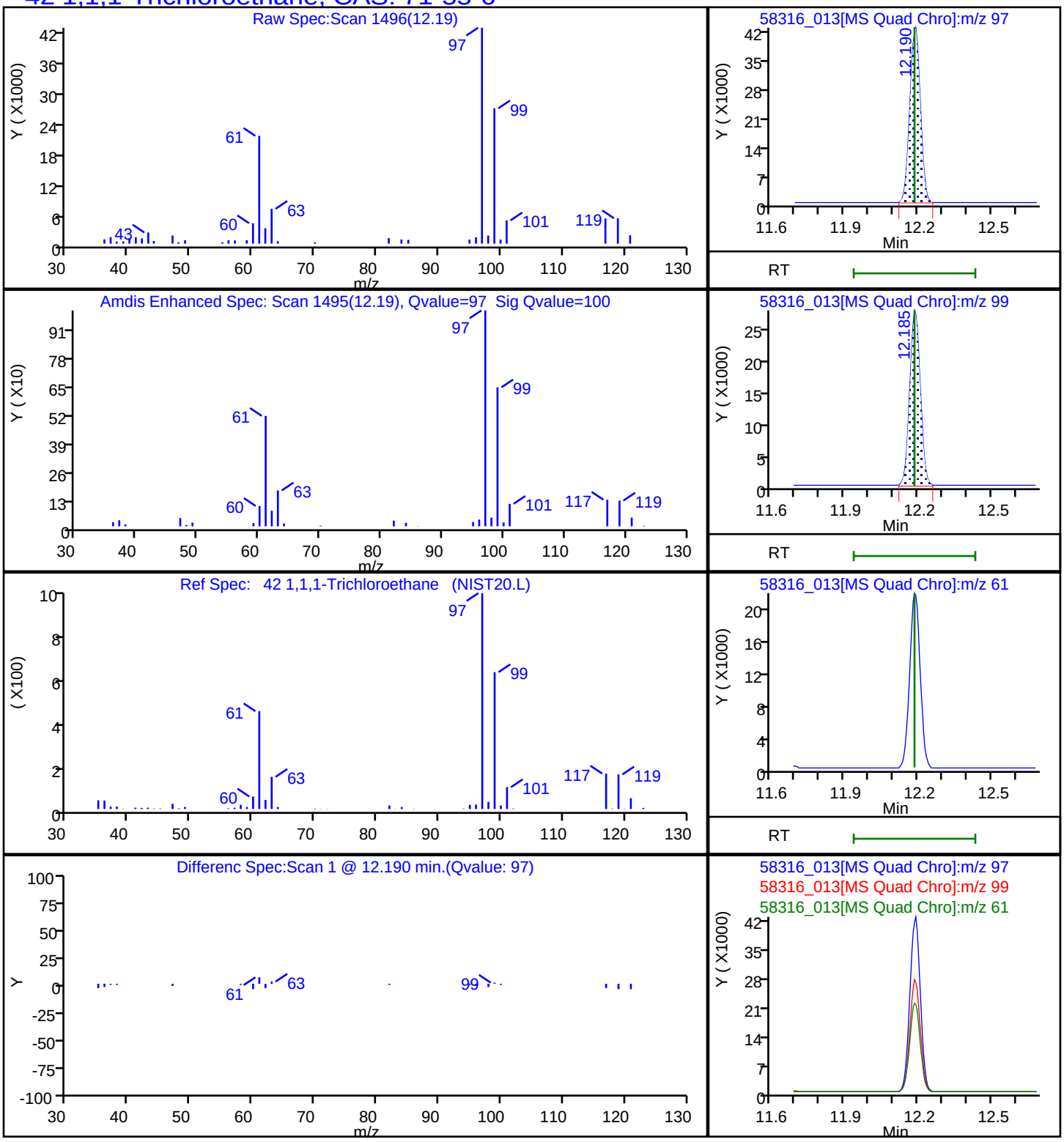
41 Chloroform, CAS: 67-66-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

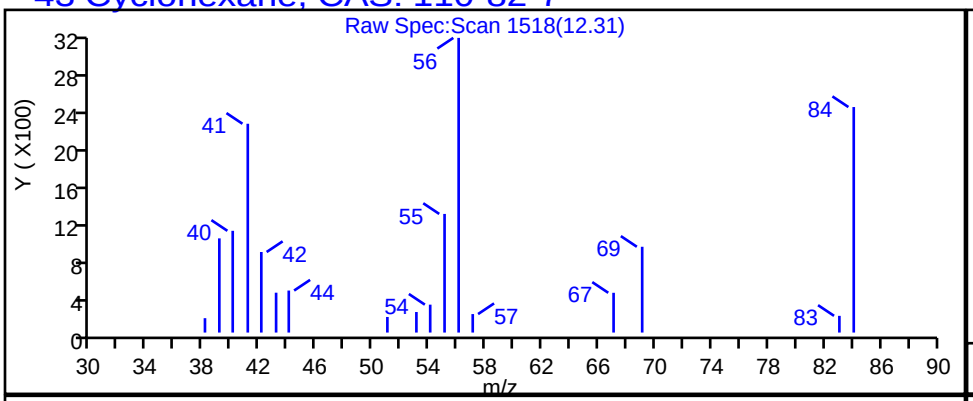
42 1,1,1-Trichloroethane, CAS: 71-55-6

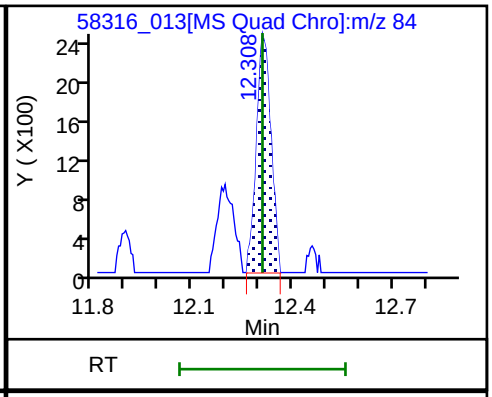


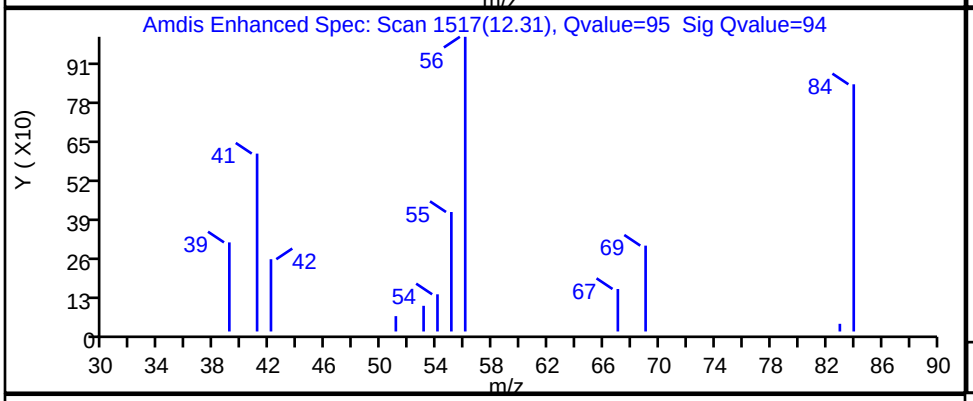
Eurofins Burlington

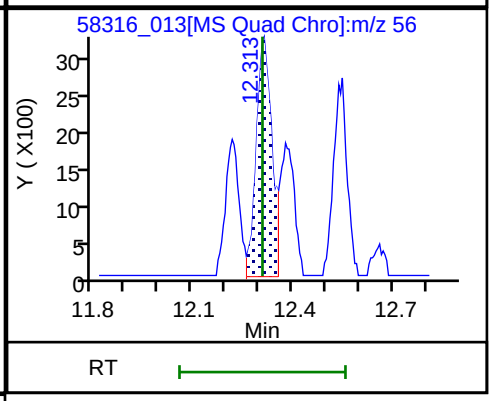
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

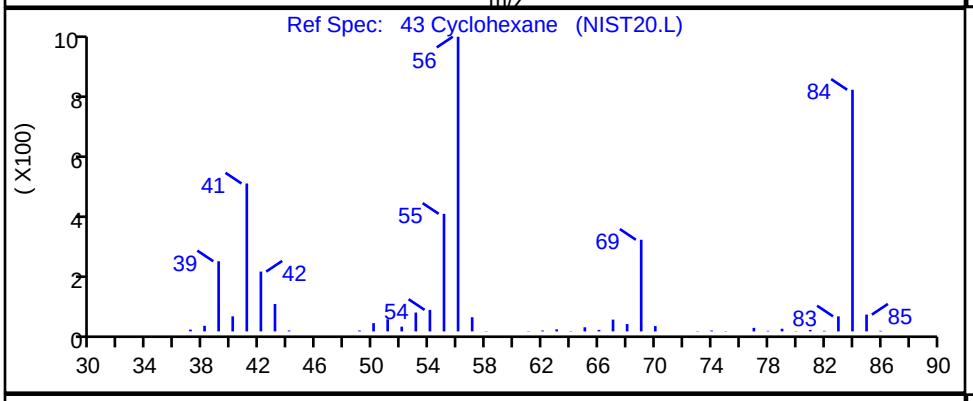
43 Cyclohexane, CAS: 110-82-7

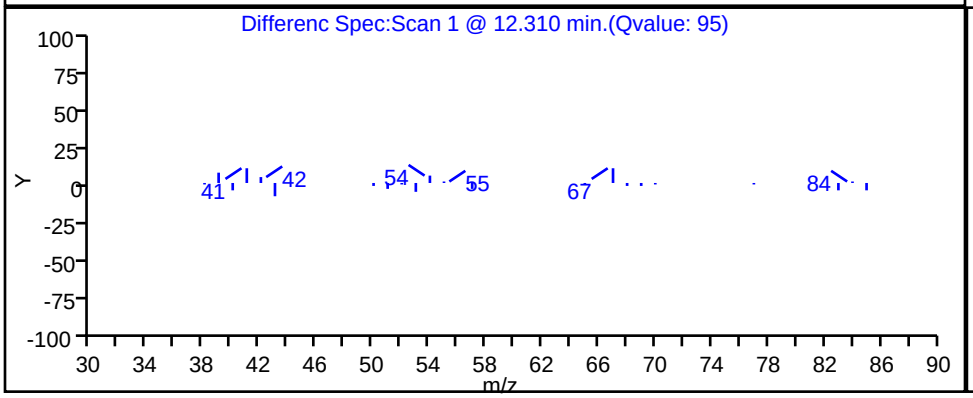


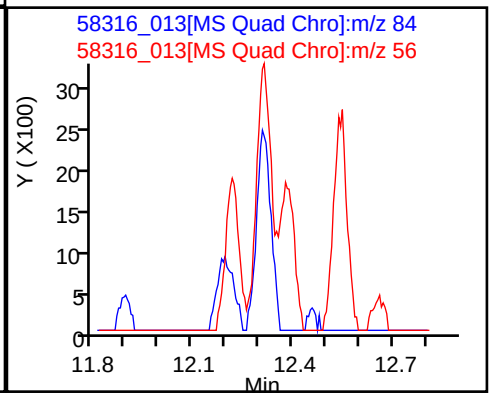








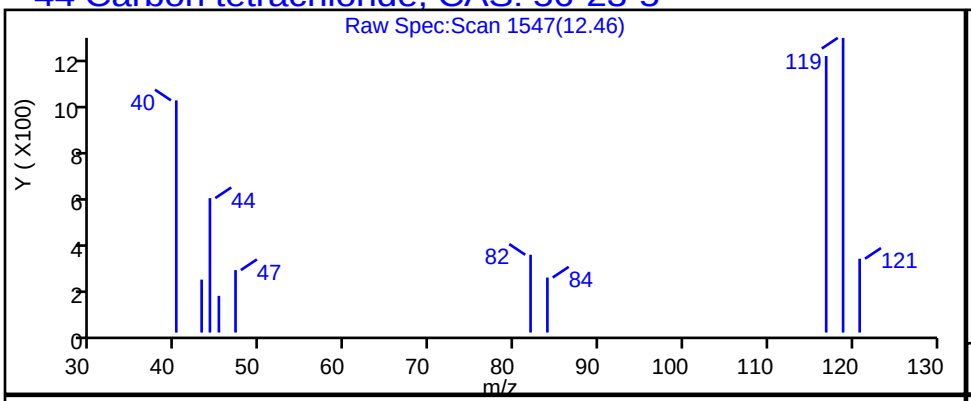


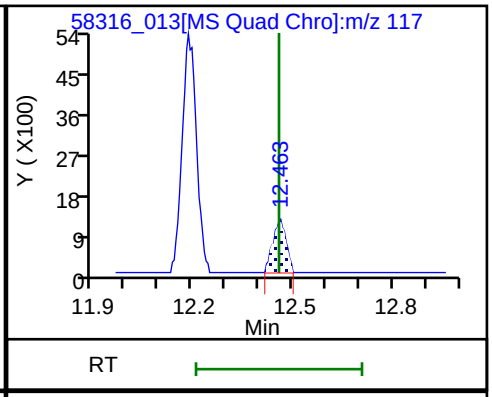


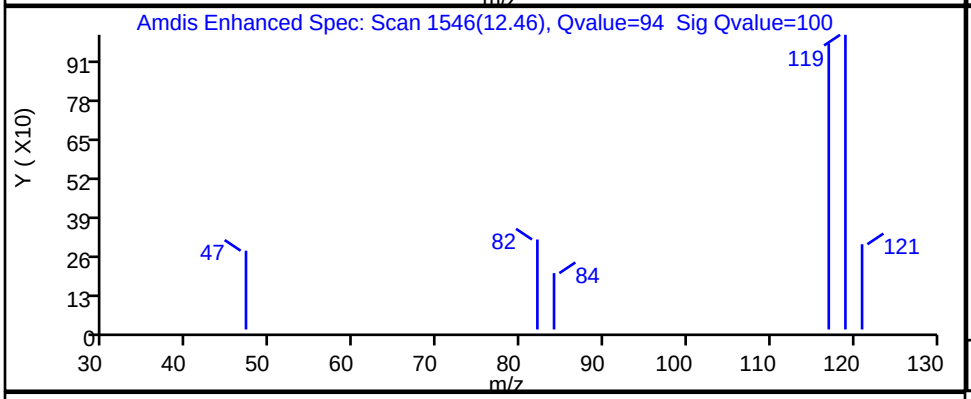
Eurofins Burlington

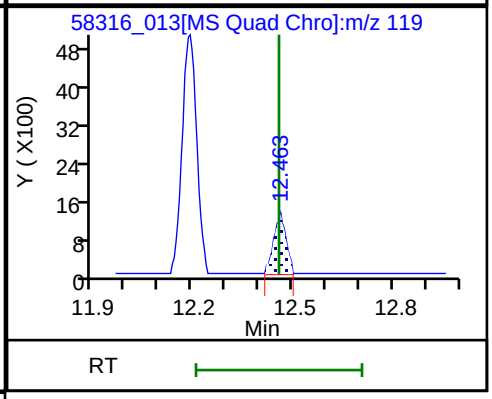
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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

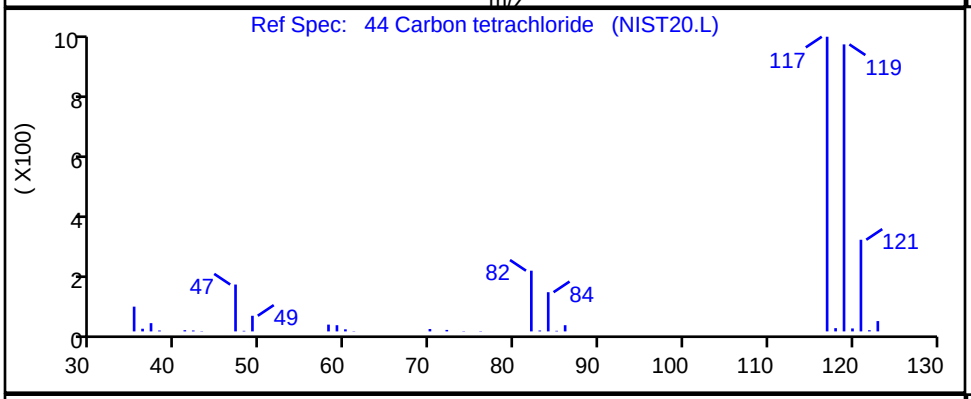
44 Carbon tetrachloride, CAS: 56-23-5

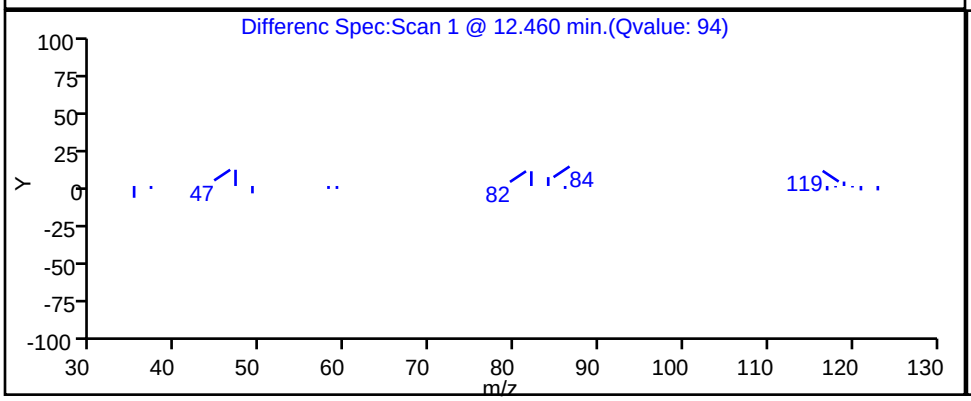


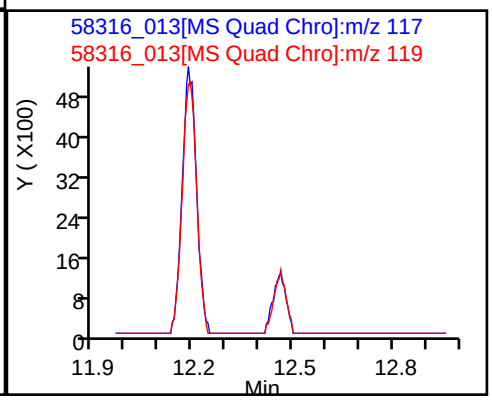








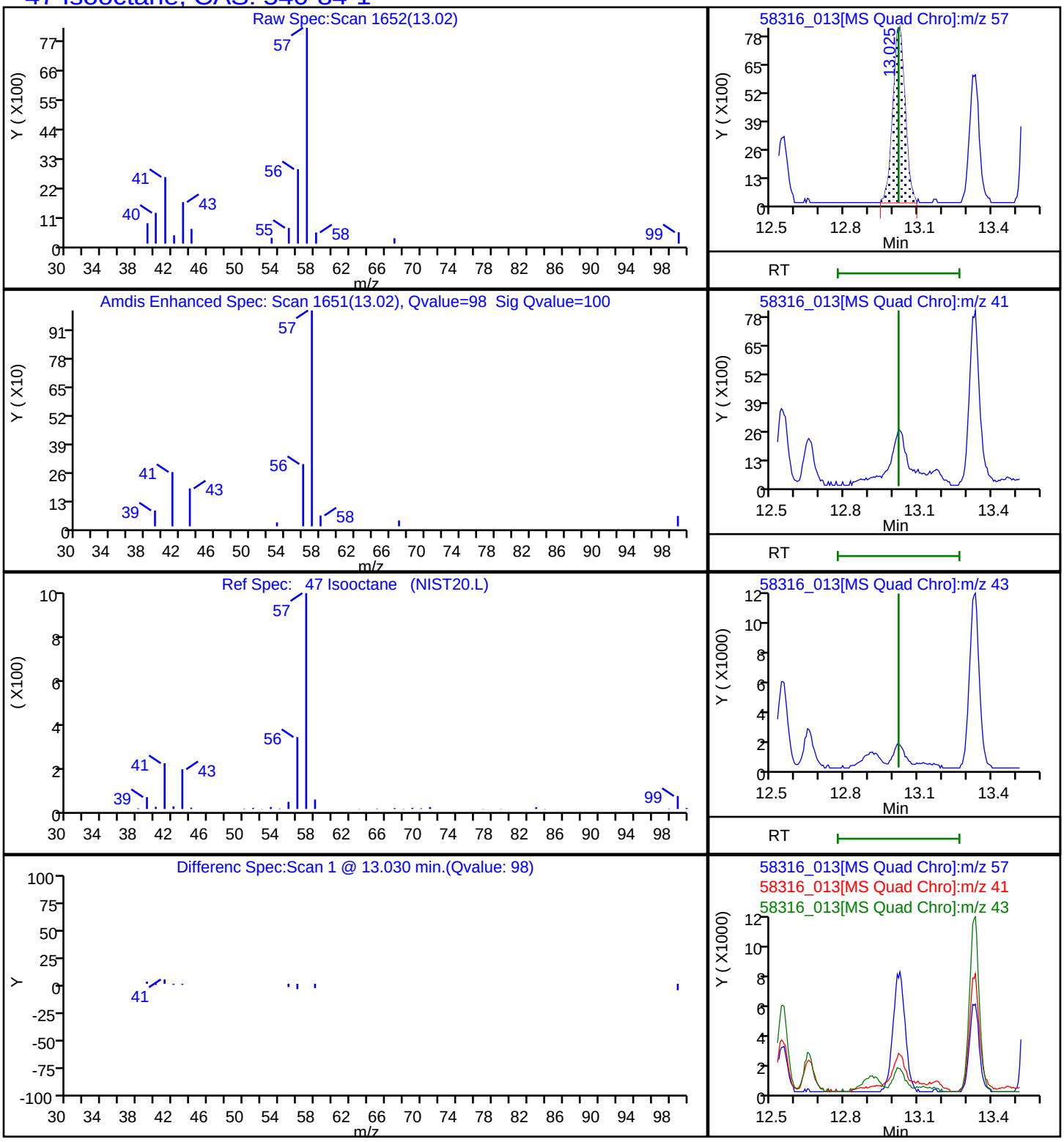




Eurofins Burlington

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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

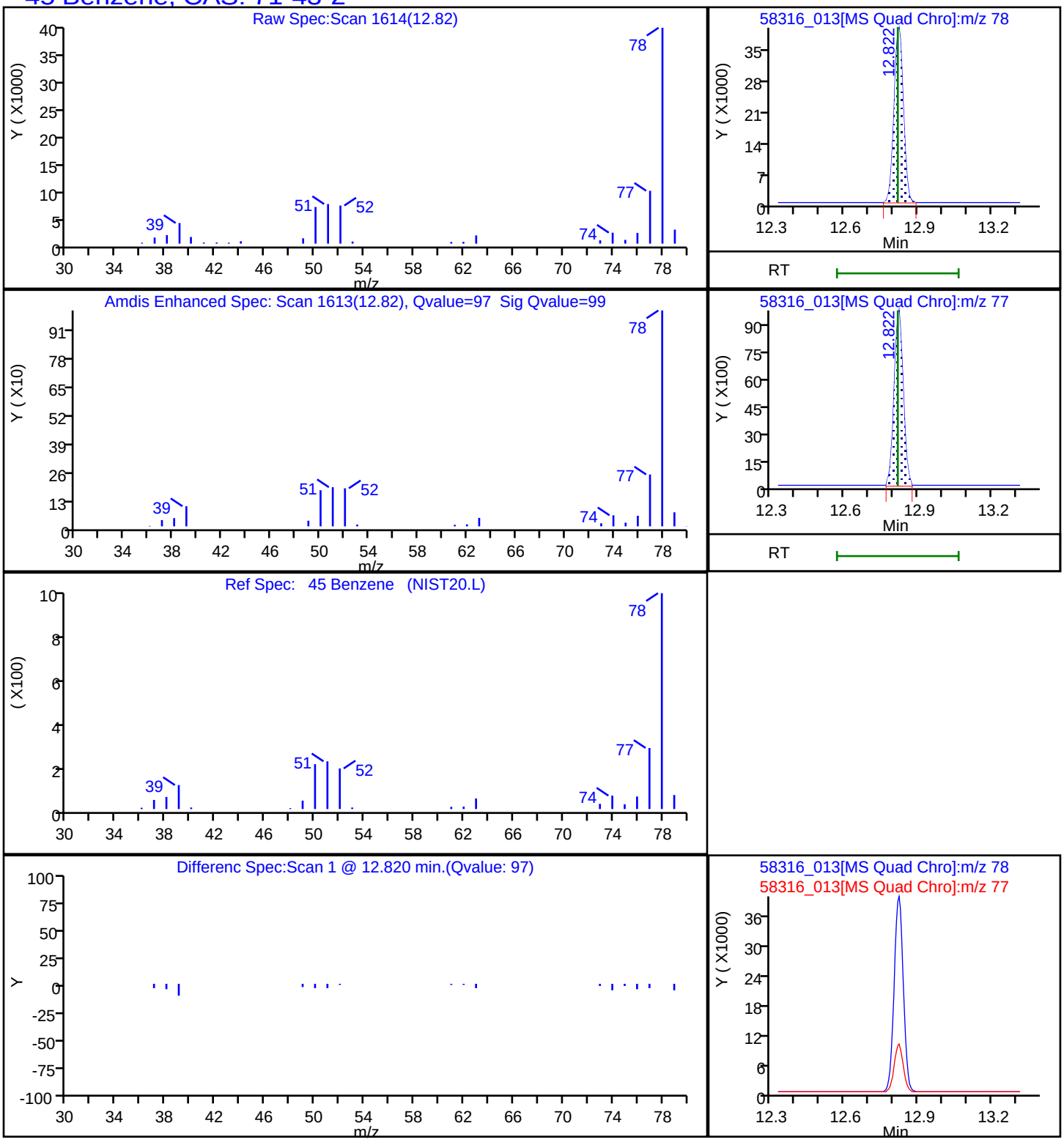
47 Isooctane, CAS: 540-84-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

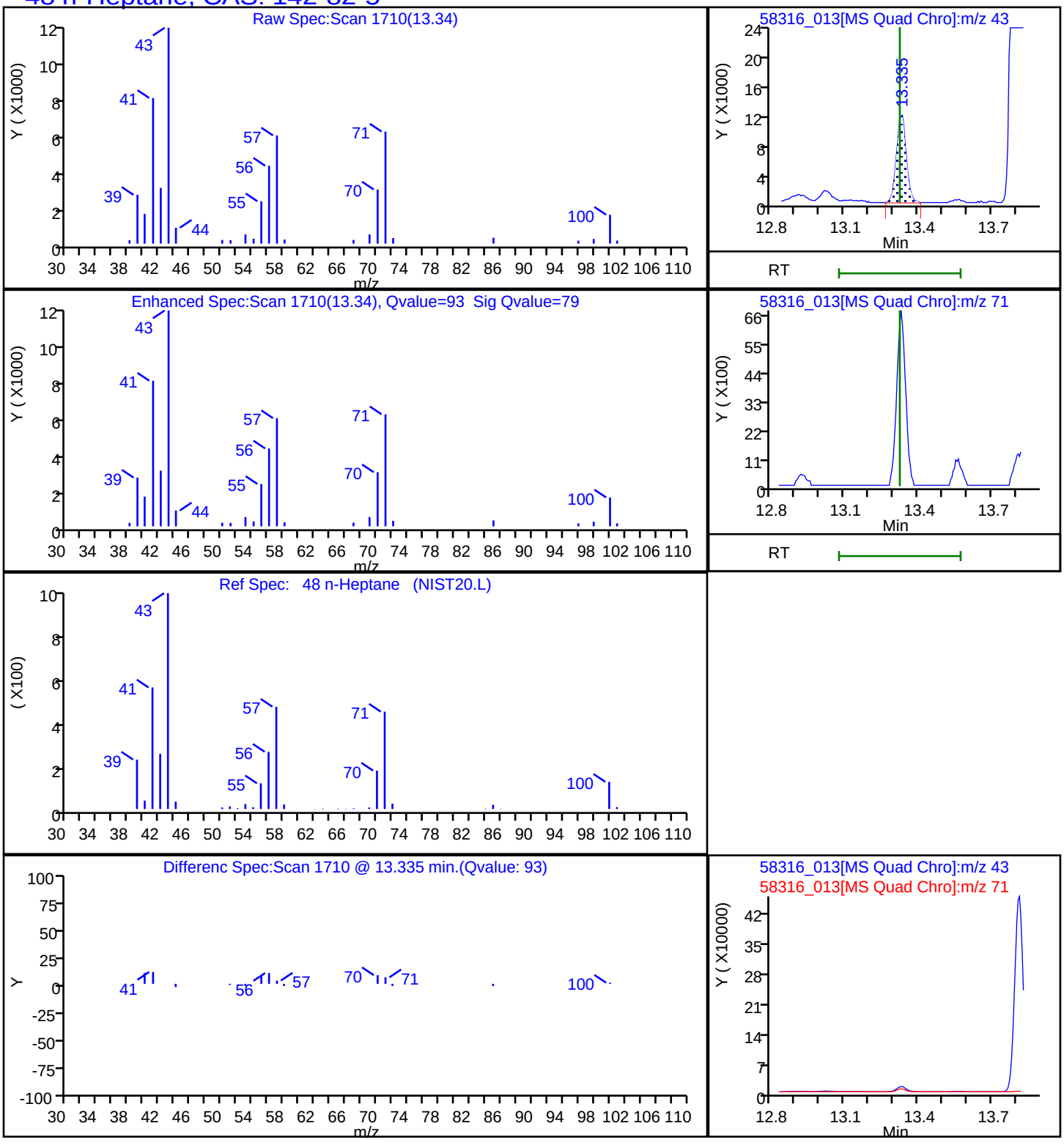
45 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

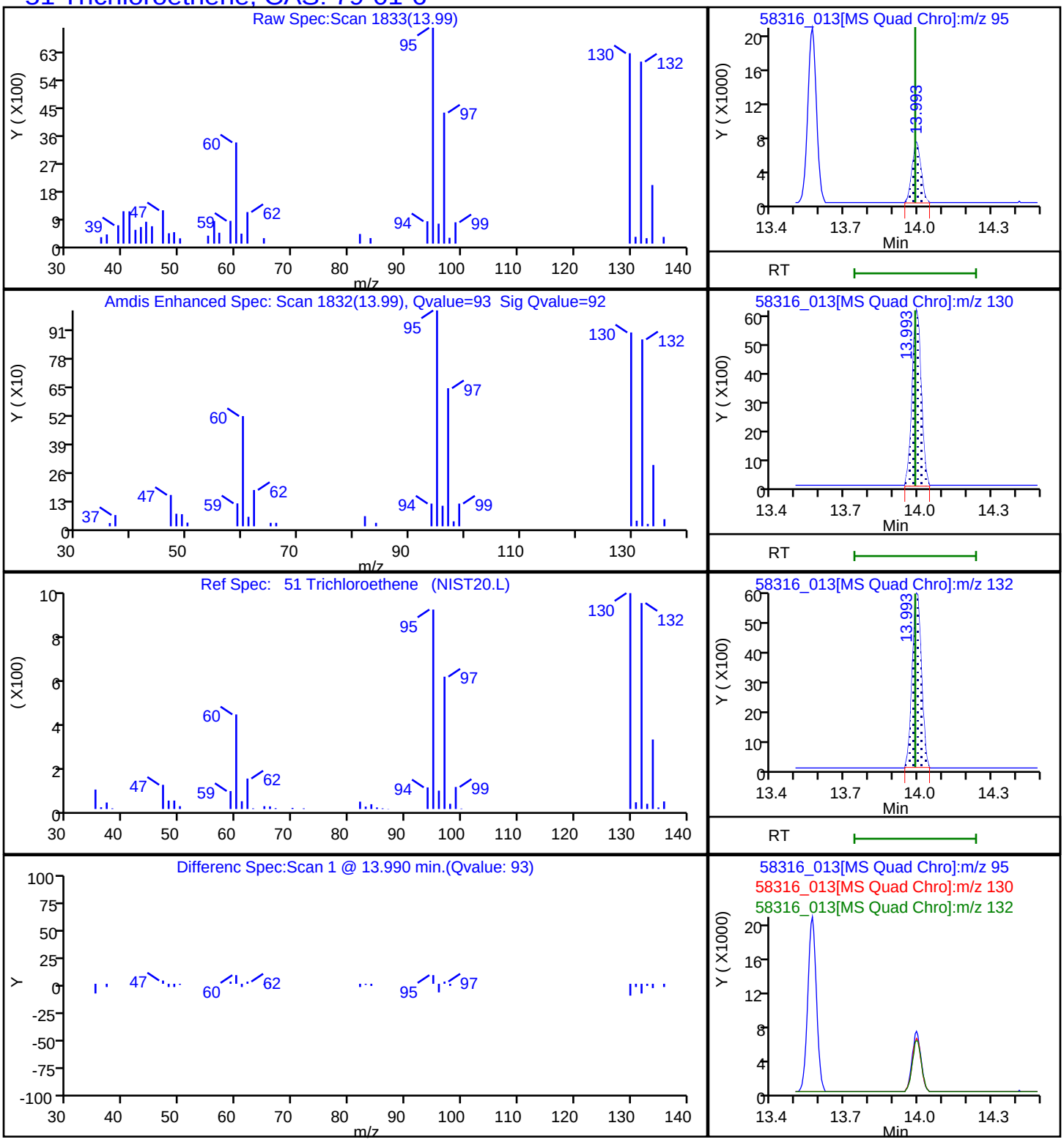
48 n-Heptane, CAS: 142-82-5



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

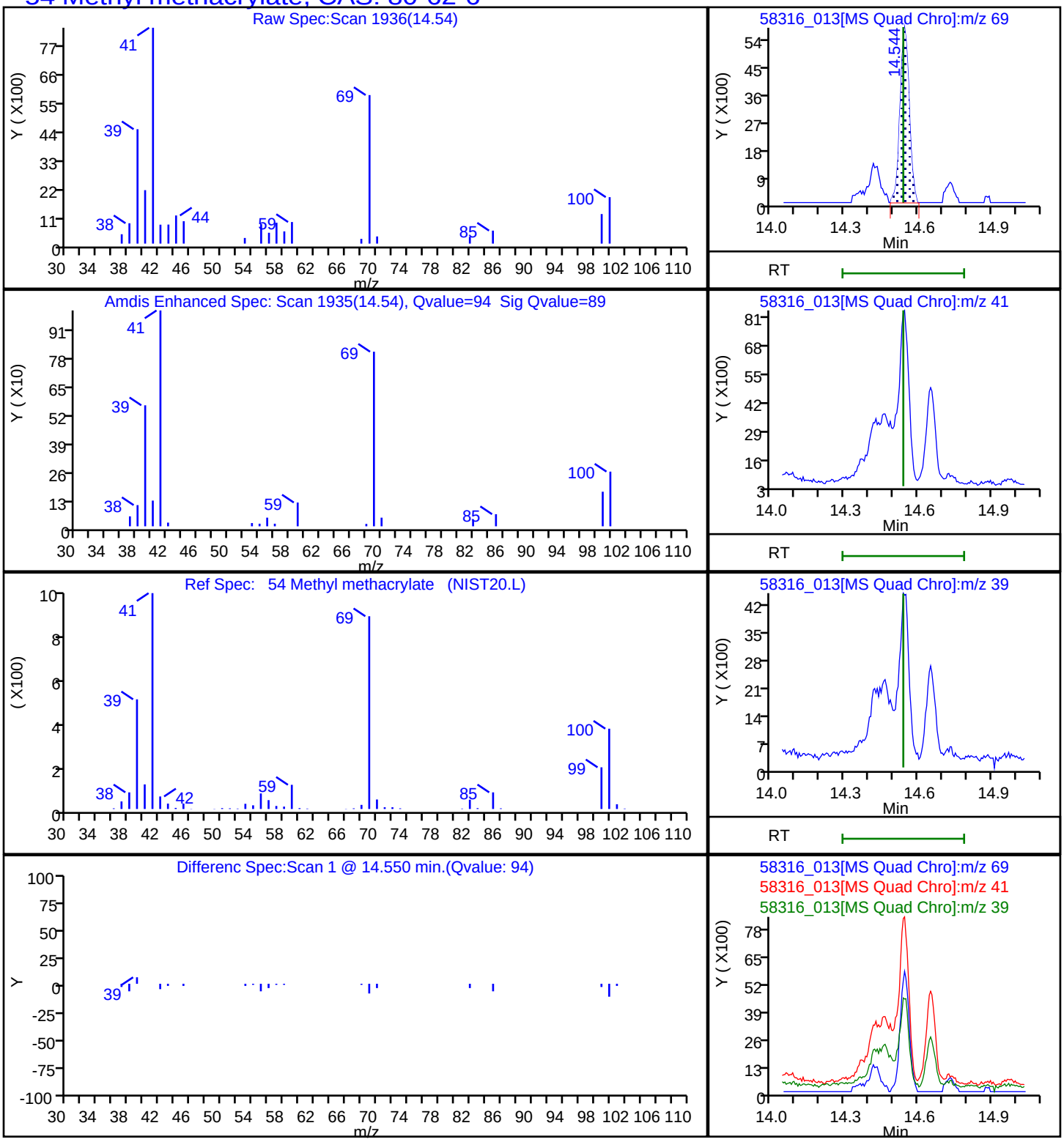
51 Trichloroethene, CAS: 79-01-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

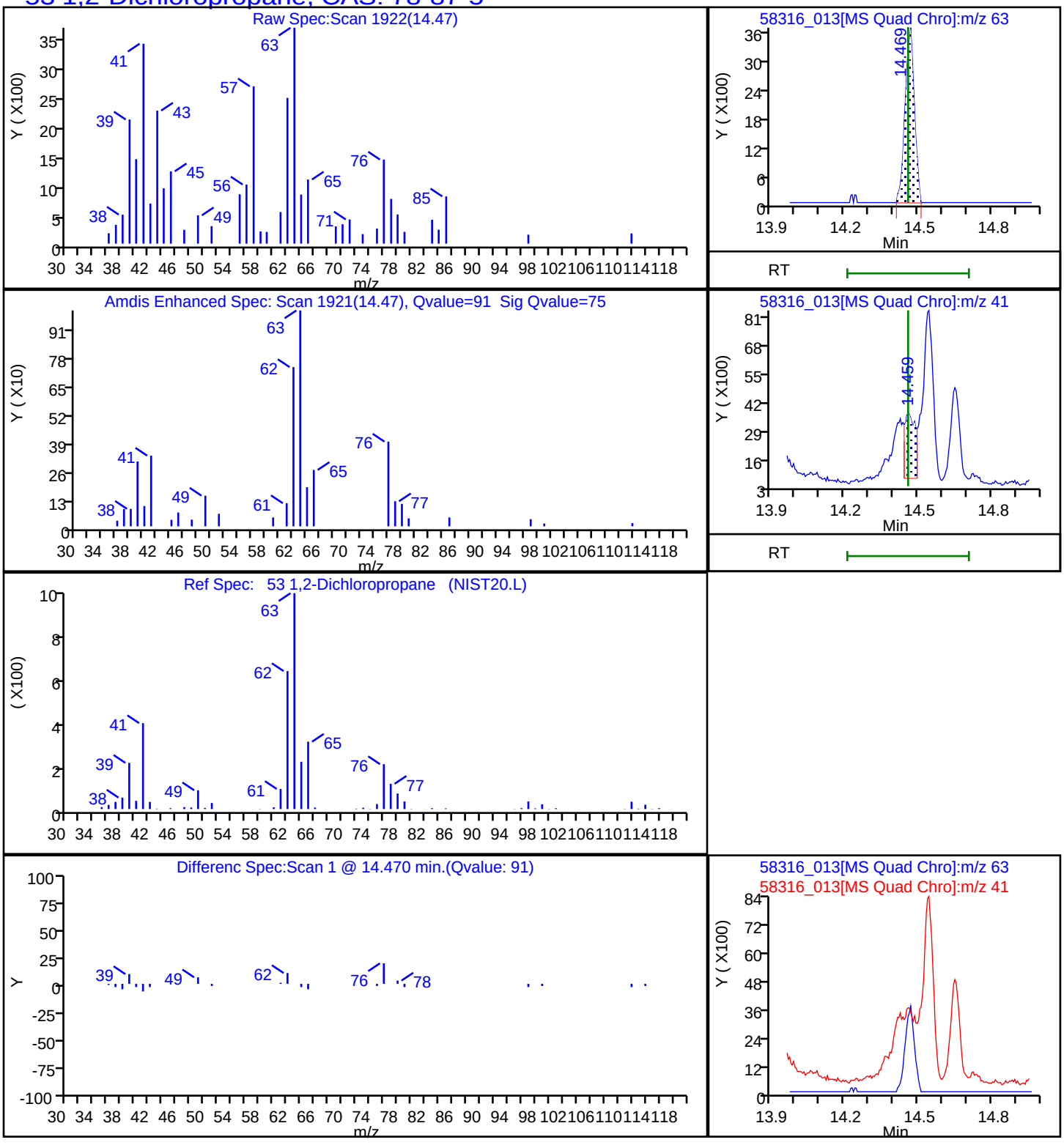
54 Methyl methacrylate, CAS: 80-62-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D
Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

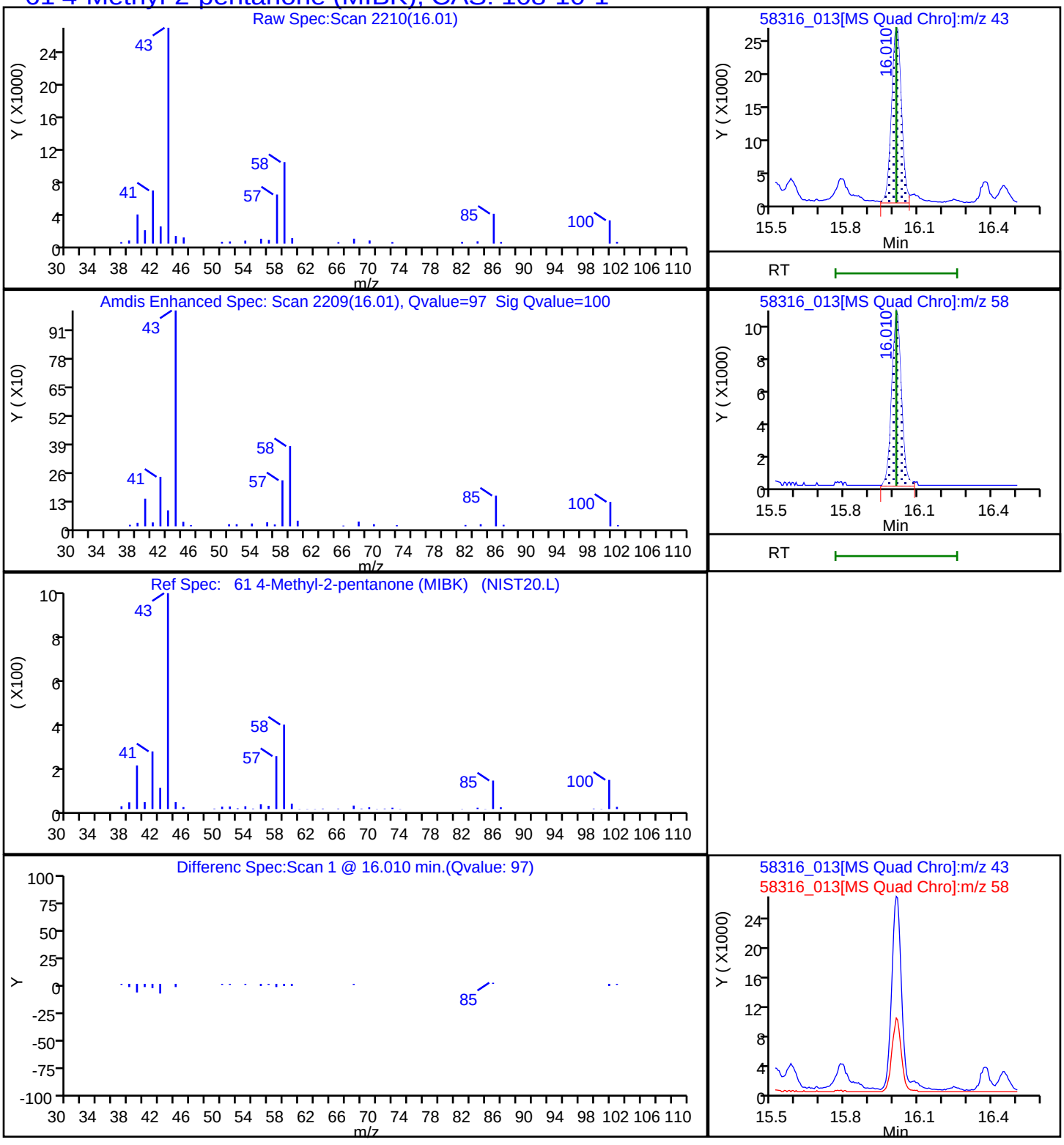
53 1,2-Dichloropropane, CAS: 78-87-5



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

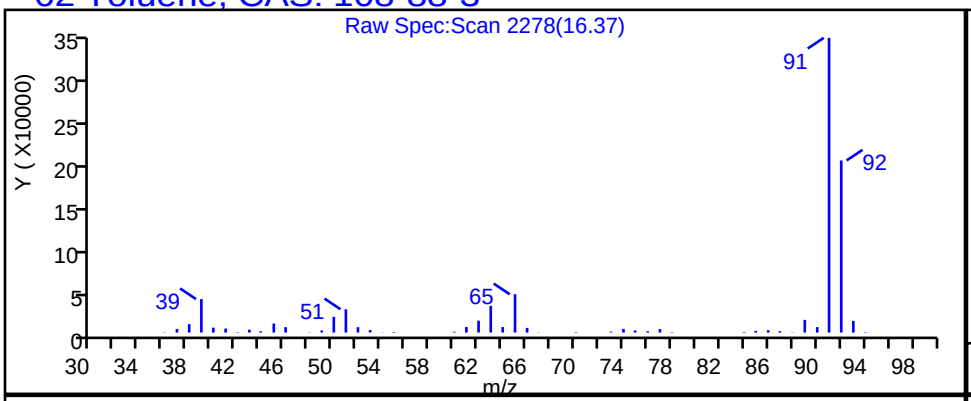
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

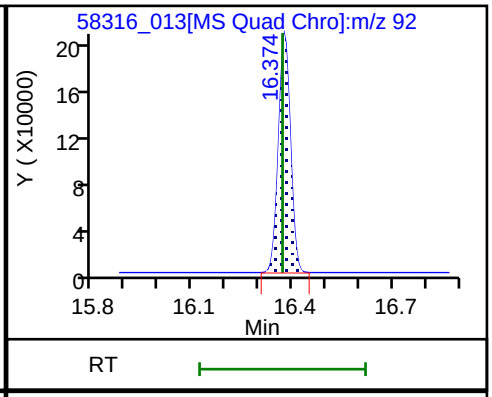


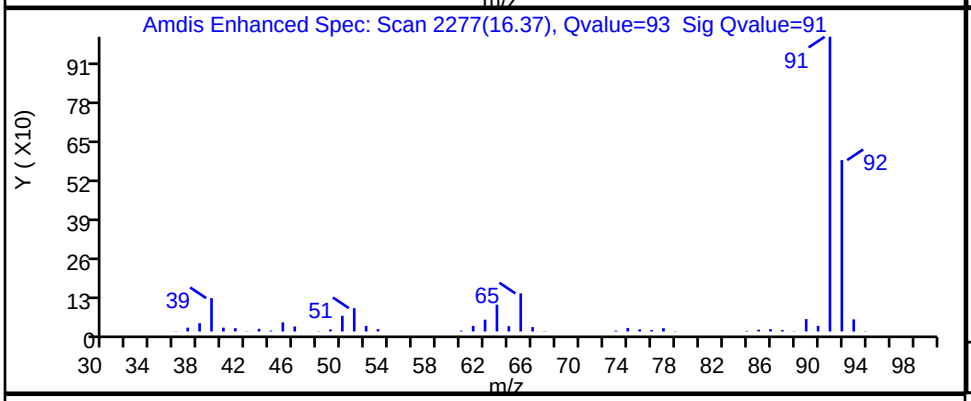
Eurofins Burlington

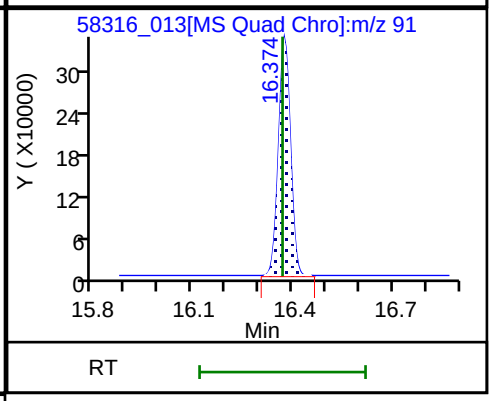
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

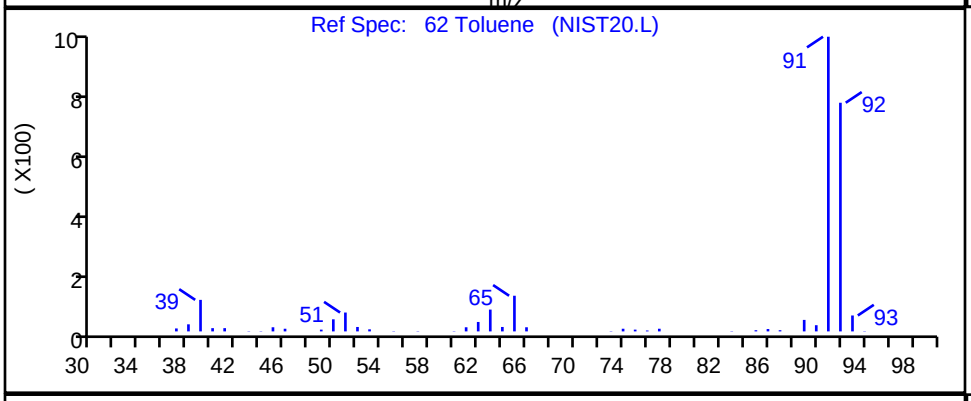
62 Toluene, CAS: 108-88-3

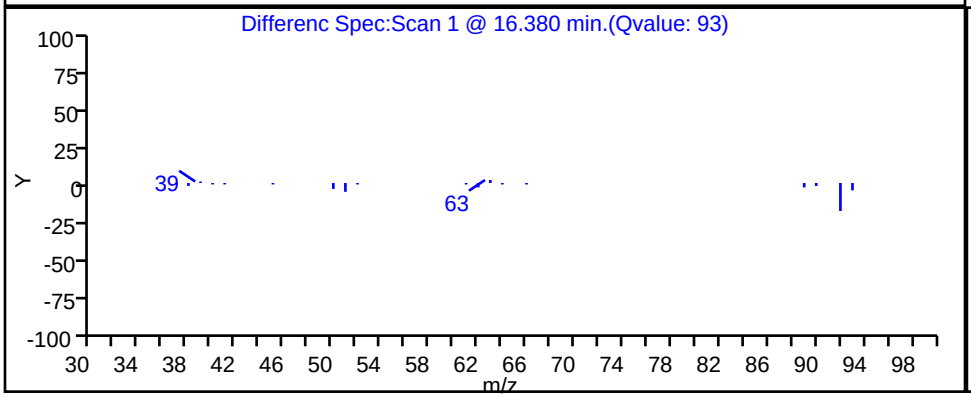


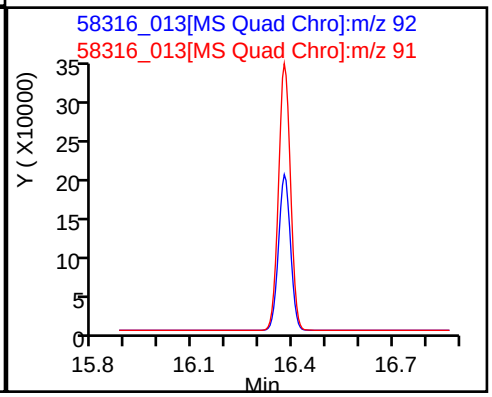








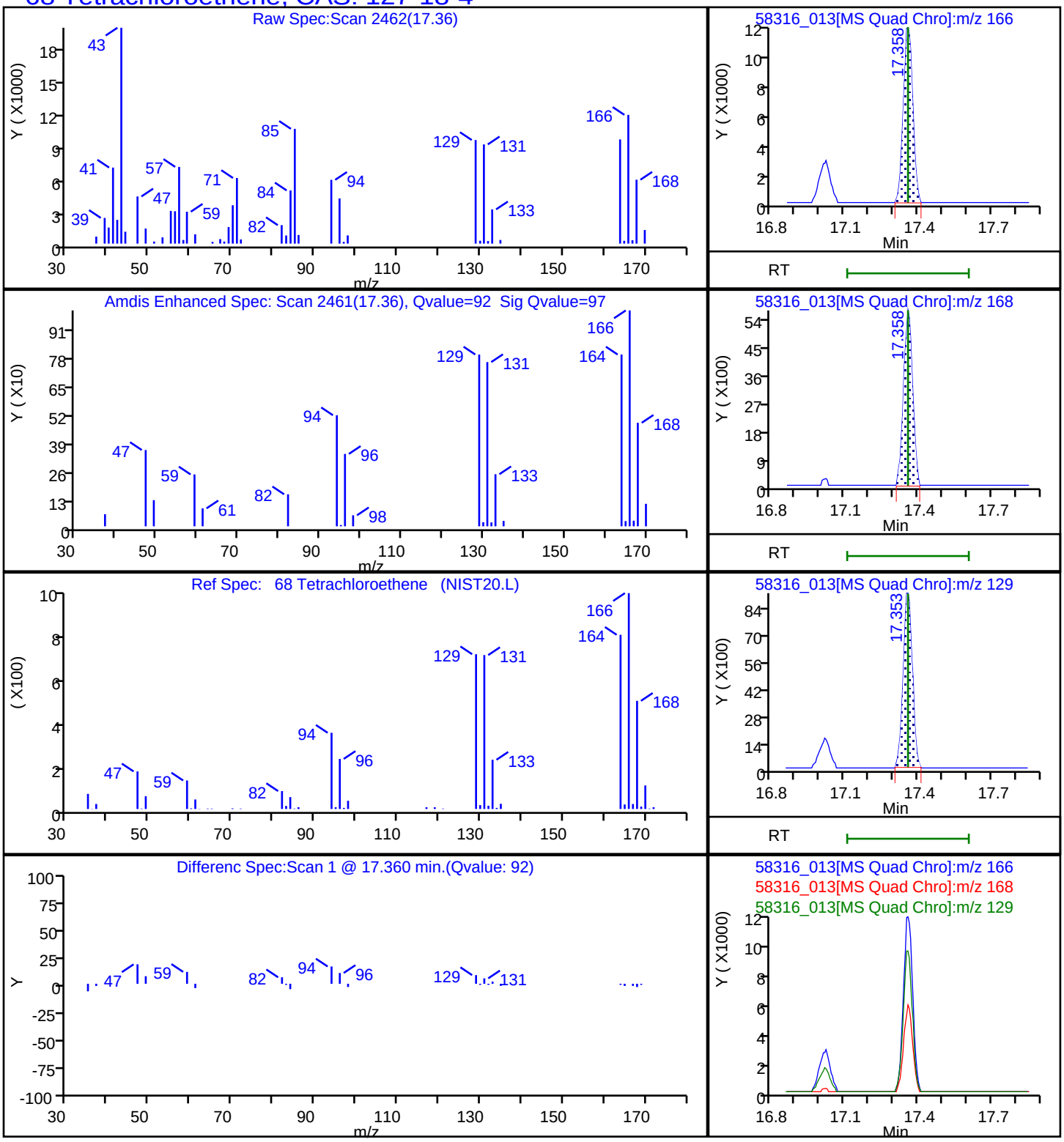




Eurofins Burlington

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Injection Date: 20-Dec-2023 18:15:09 Instrument ID: CHAM.i
Lims ID: 200-71332-A-2 Lab Sample ID: 200-71332-2
Client ID: SVES-INT-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

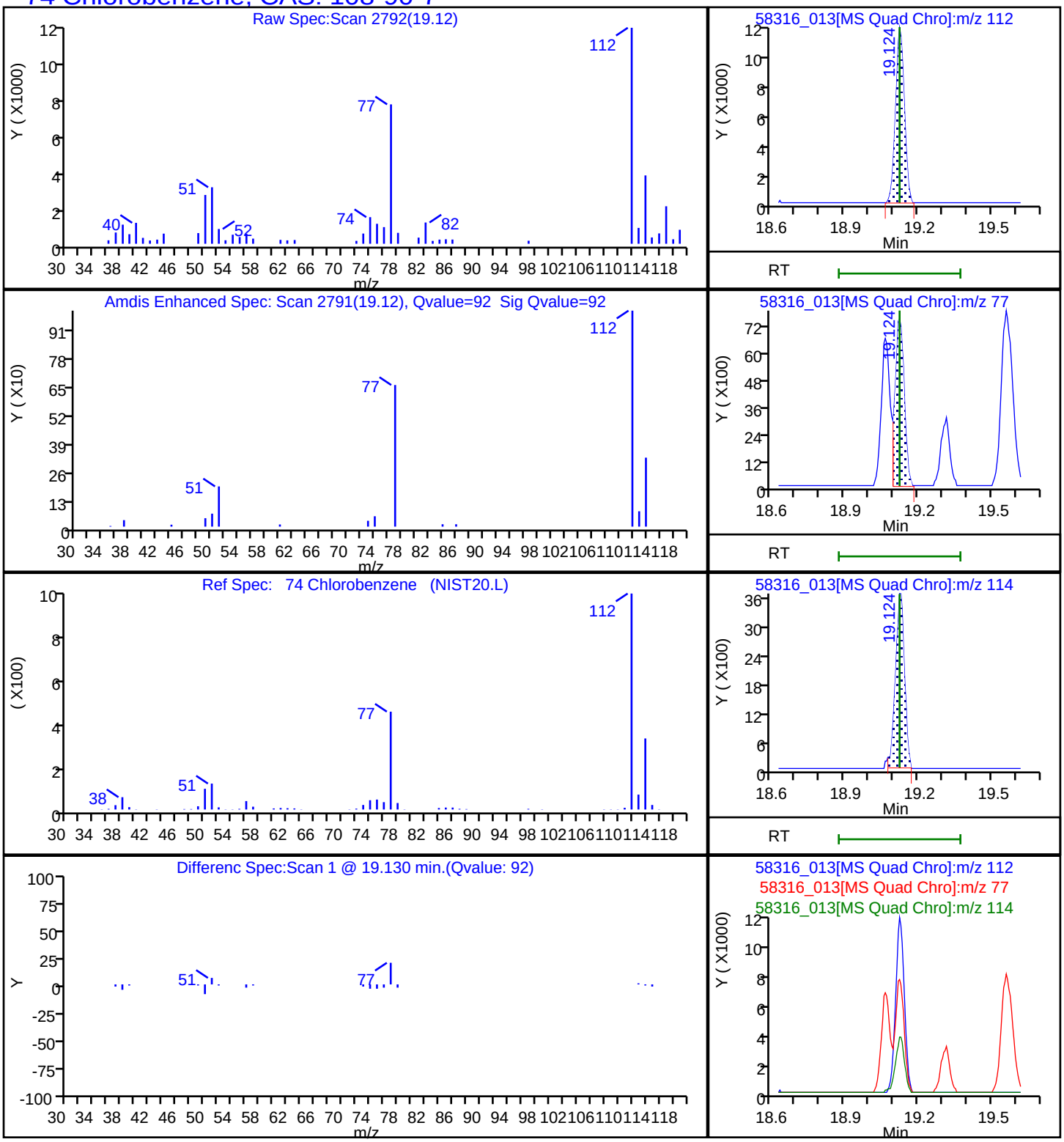
68 Tetrachloroethene, CAS: 127-18-4



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

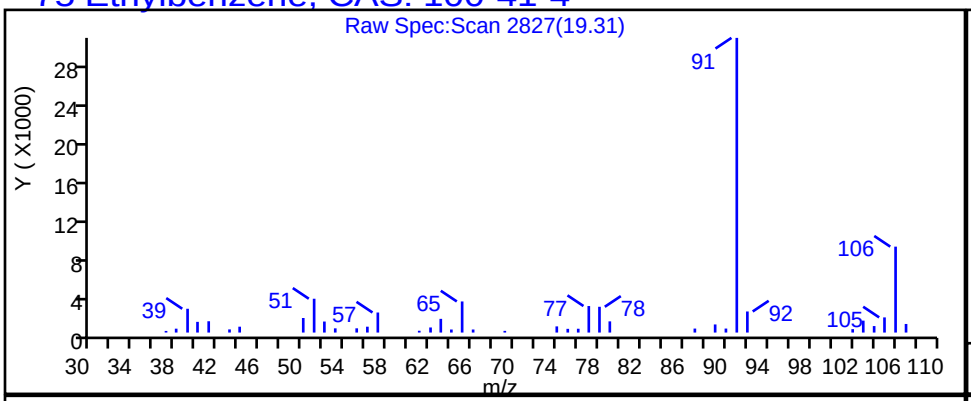
74 Chlorobenzene, CAS: 108-90-7

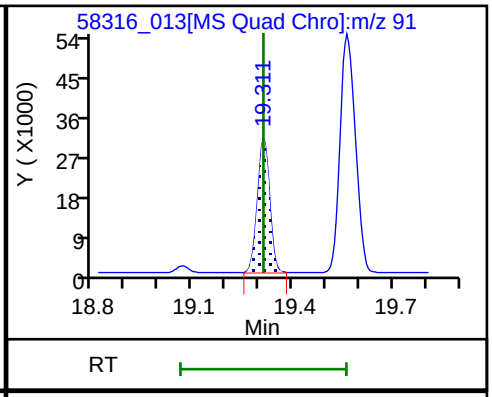


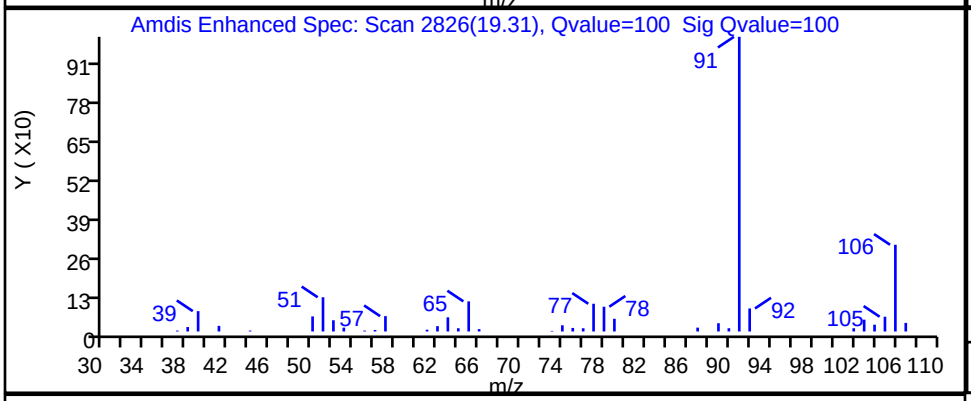
Eurofins Burlington

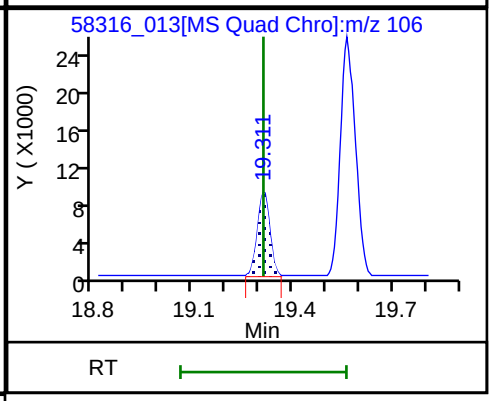
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Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

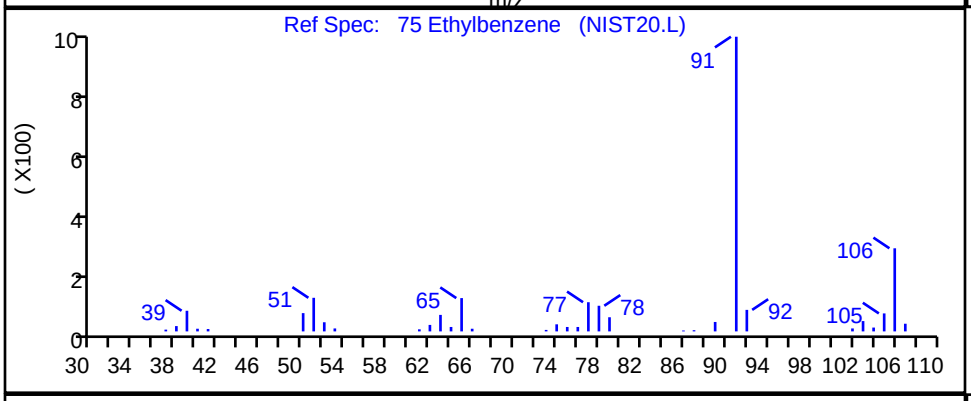
75 Ethylbenzene, CAS: 100-41-4

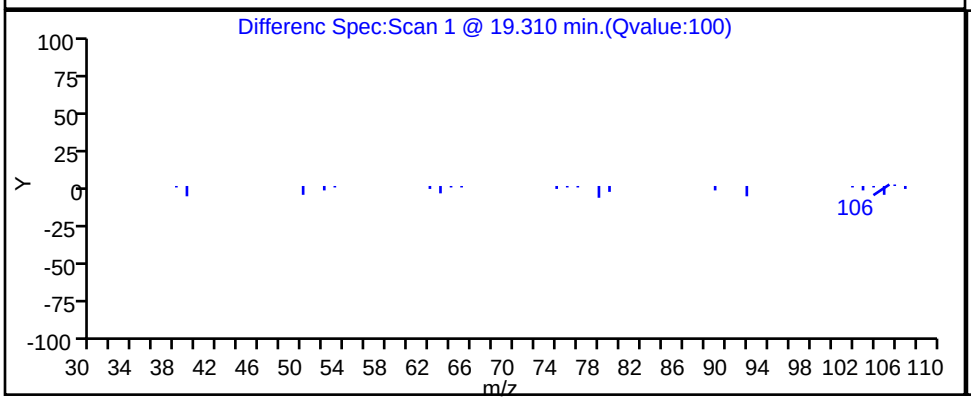


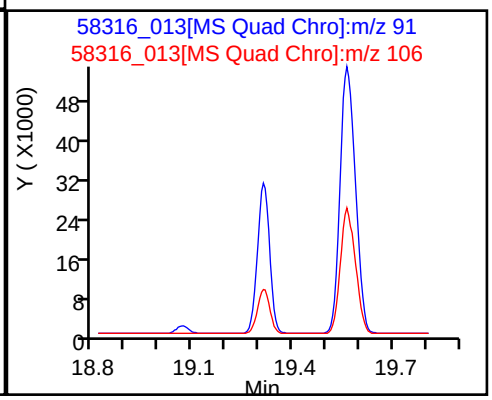










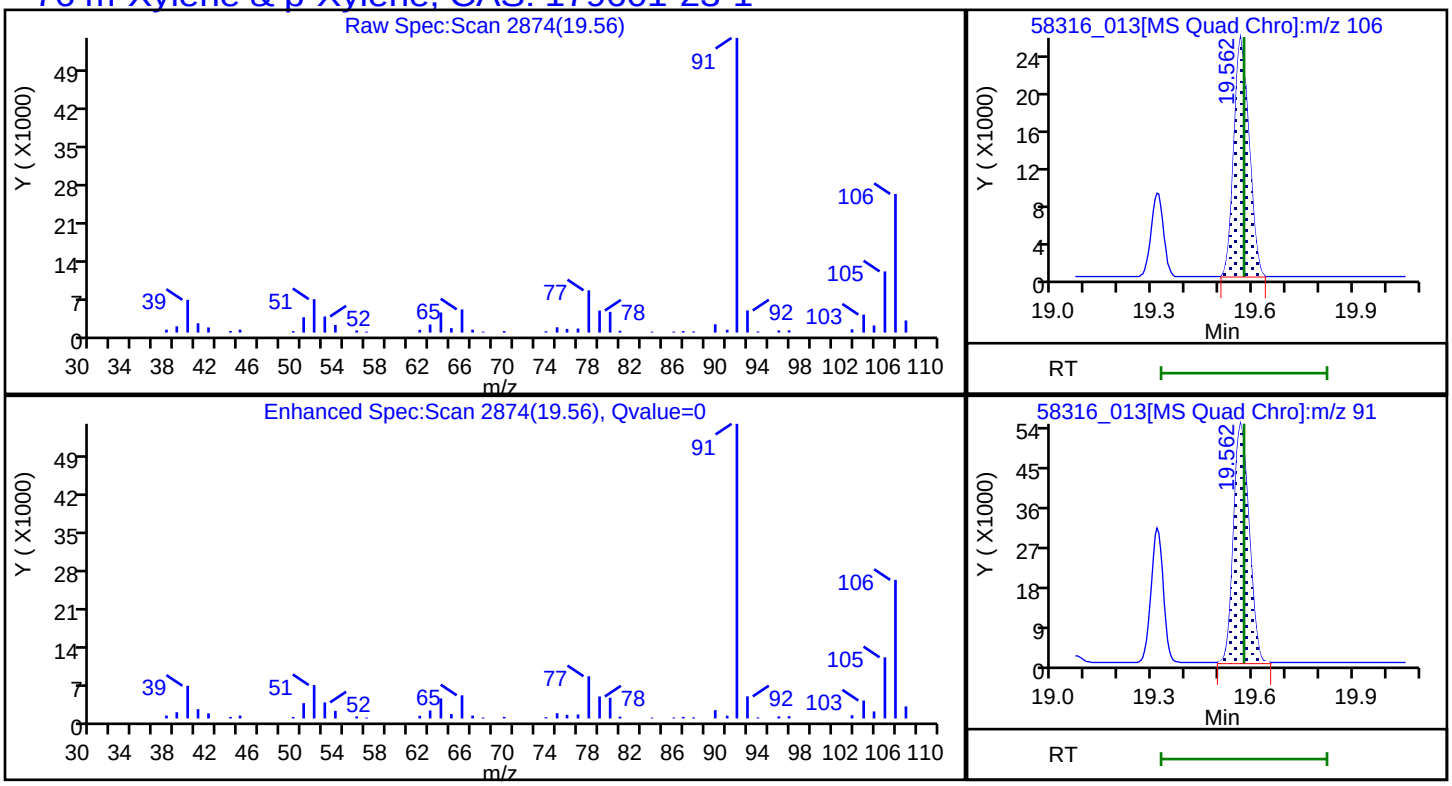


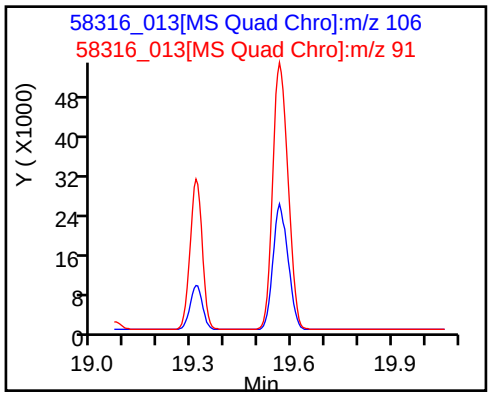
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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1



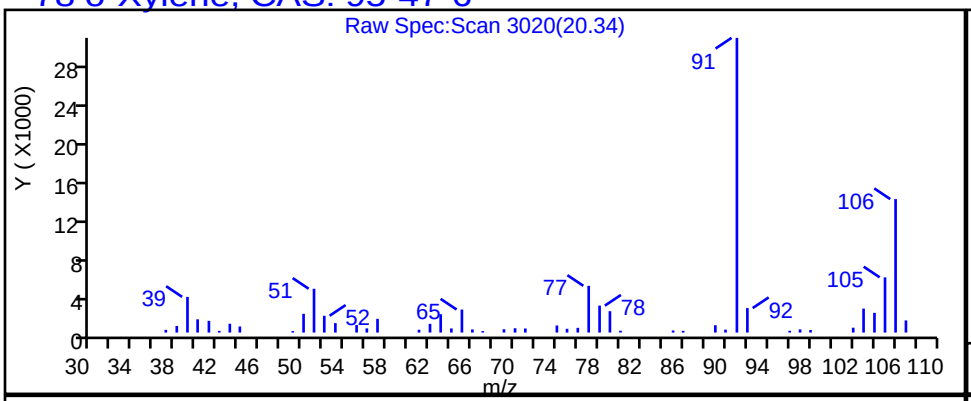


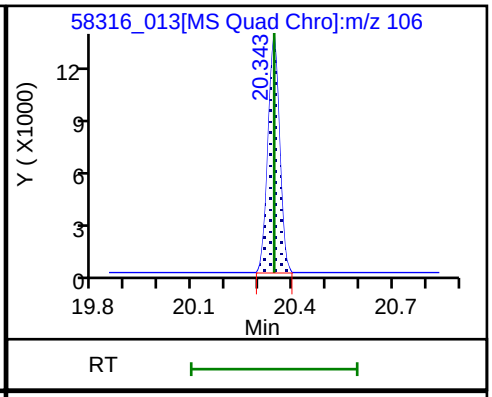
12/21/2023
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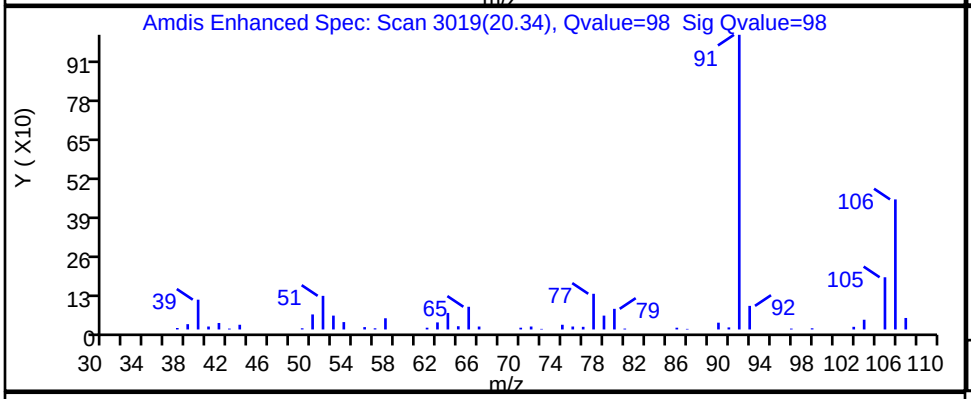
Eurofins Burlington

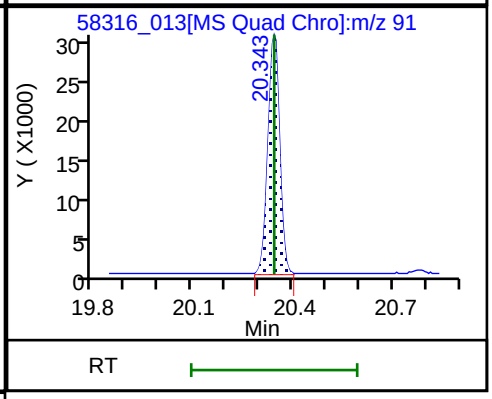
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Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

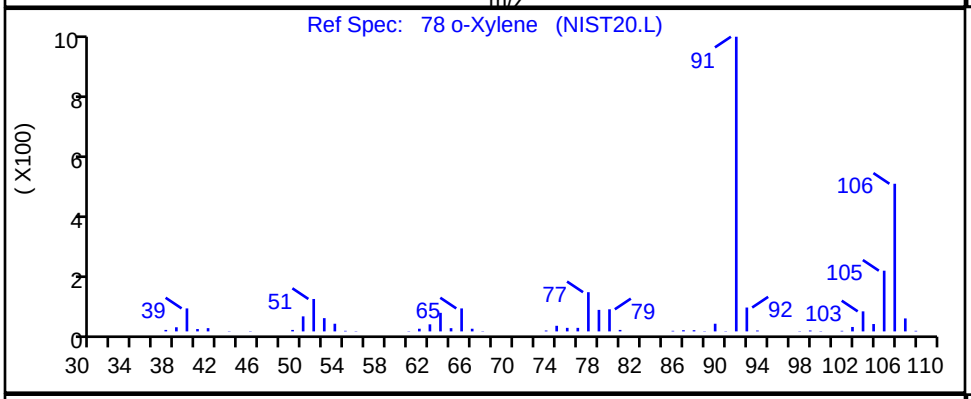
78 o-Xylene, CAS: 95-47-6

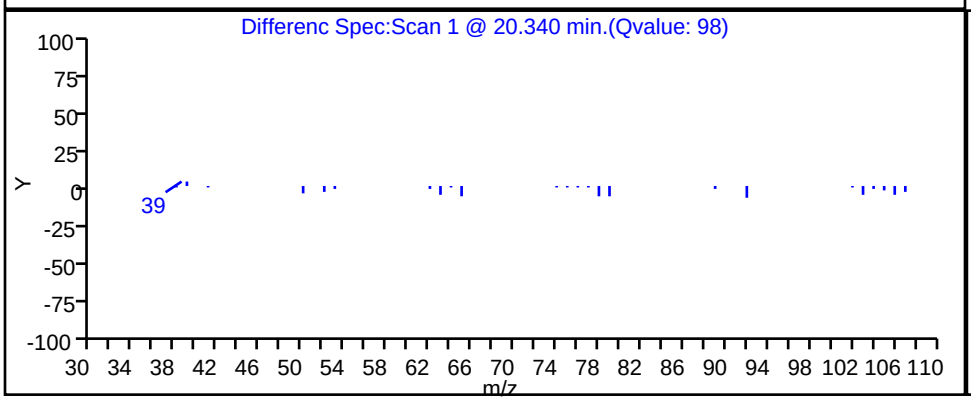


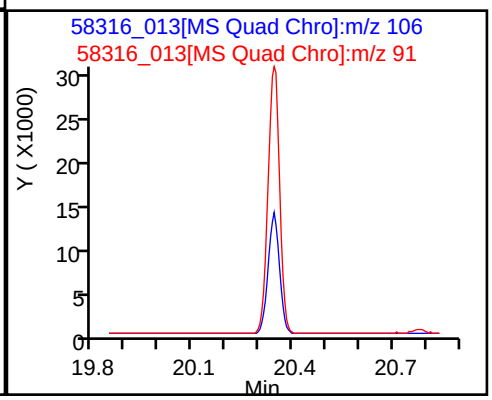








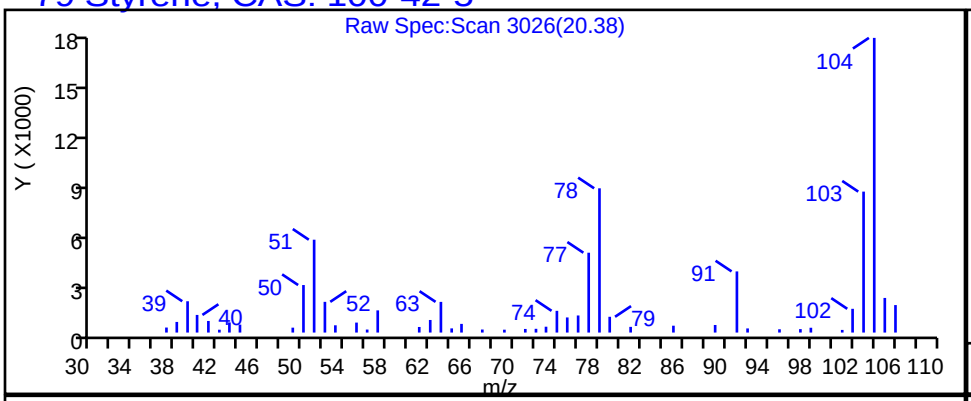


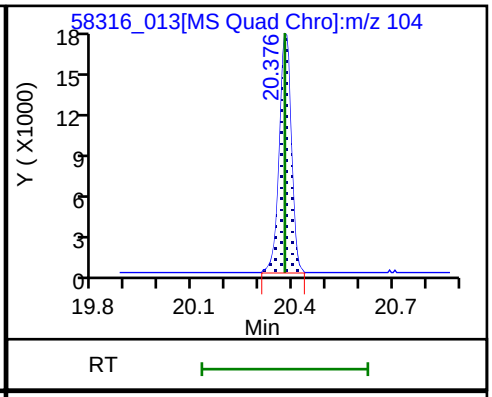


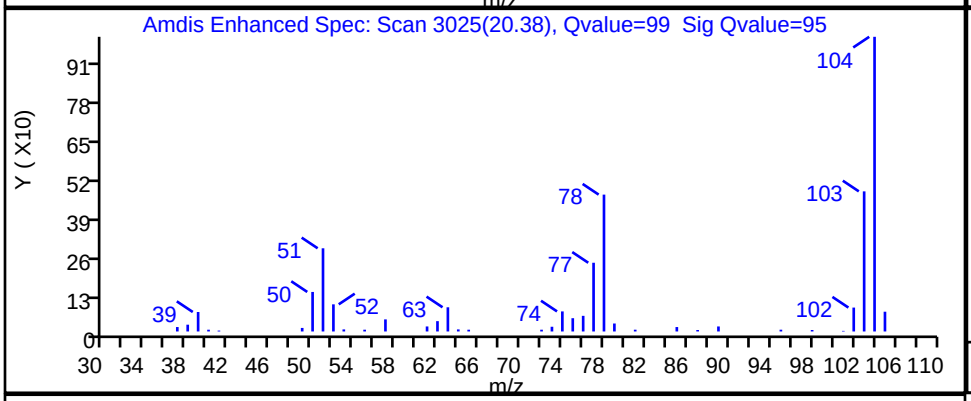
Eurofins Burlington

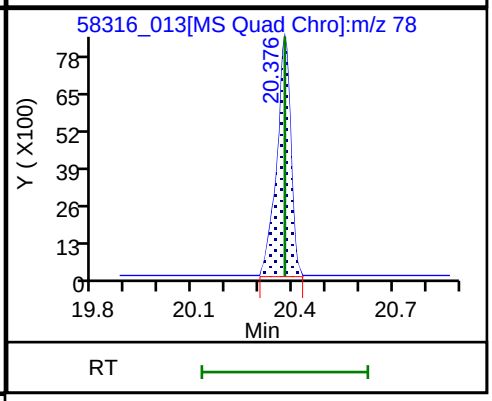
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

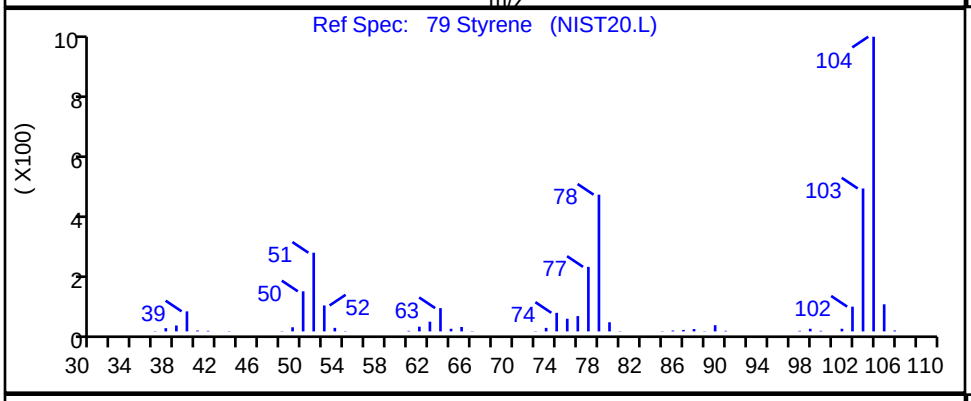
79 Styrene, CAS: 100-42-5

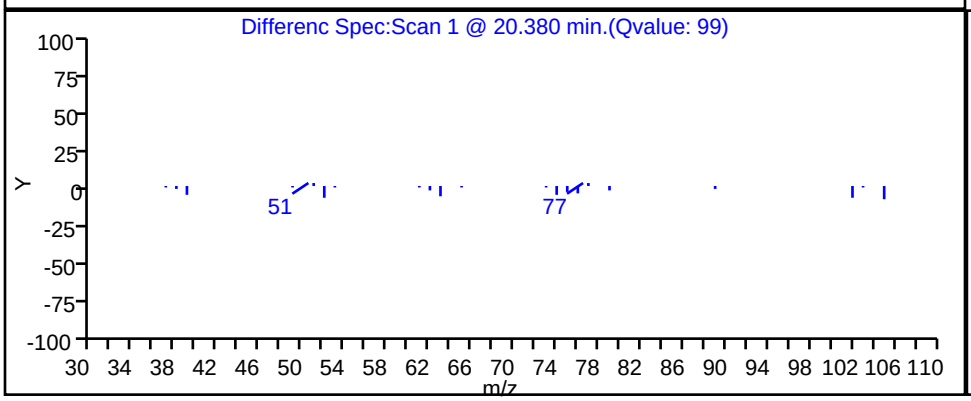


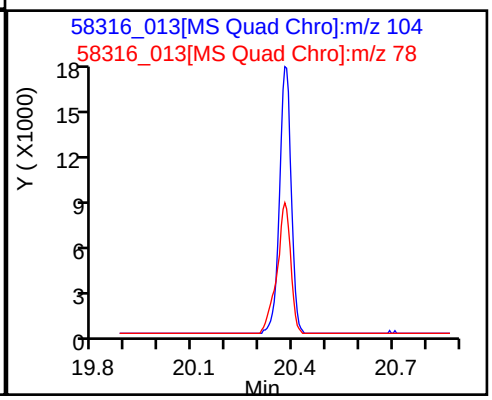








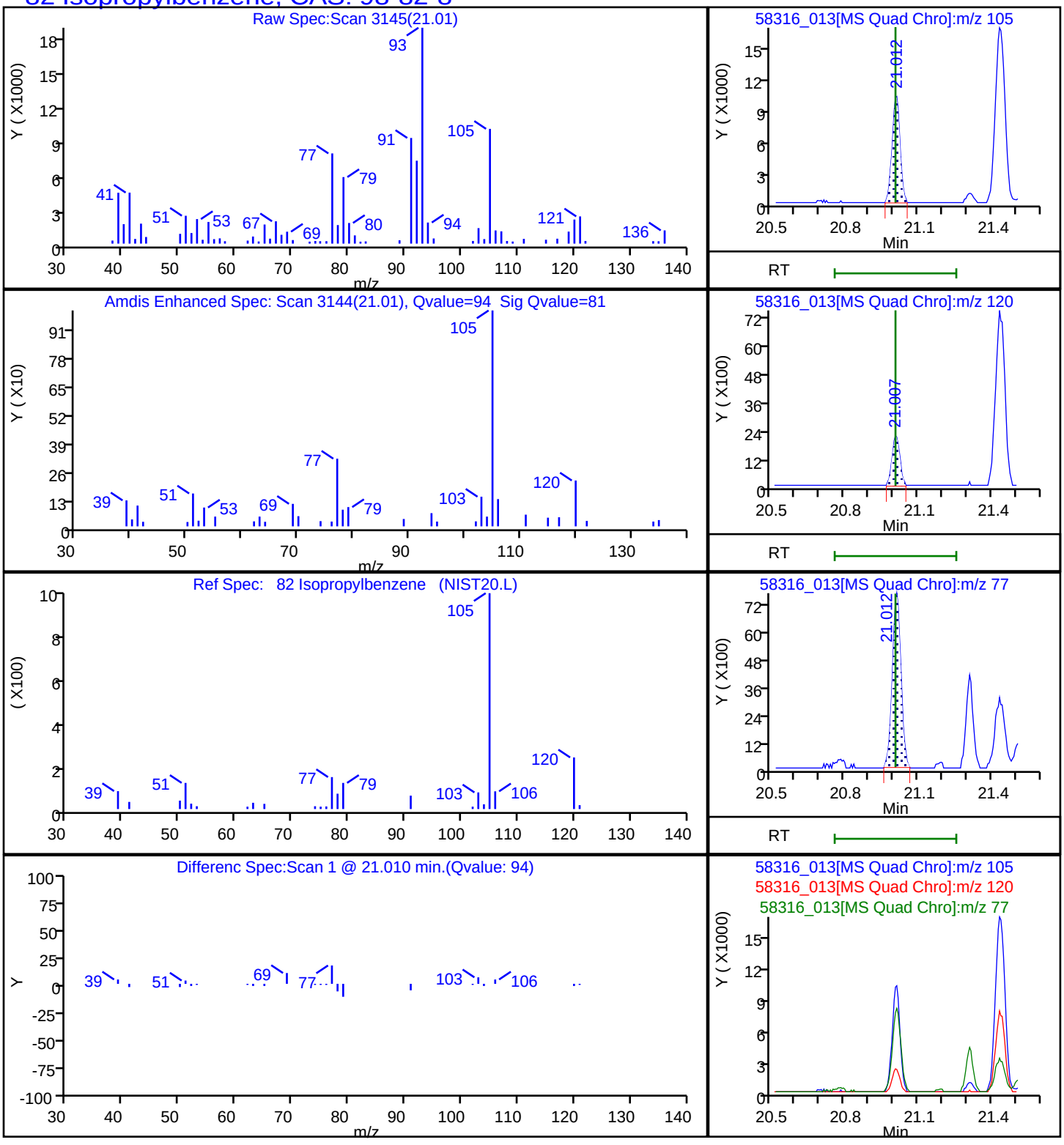




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

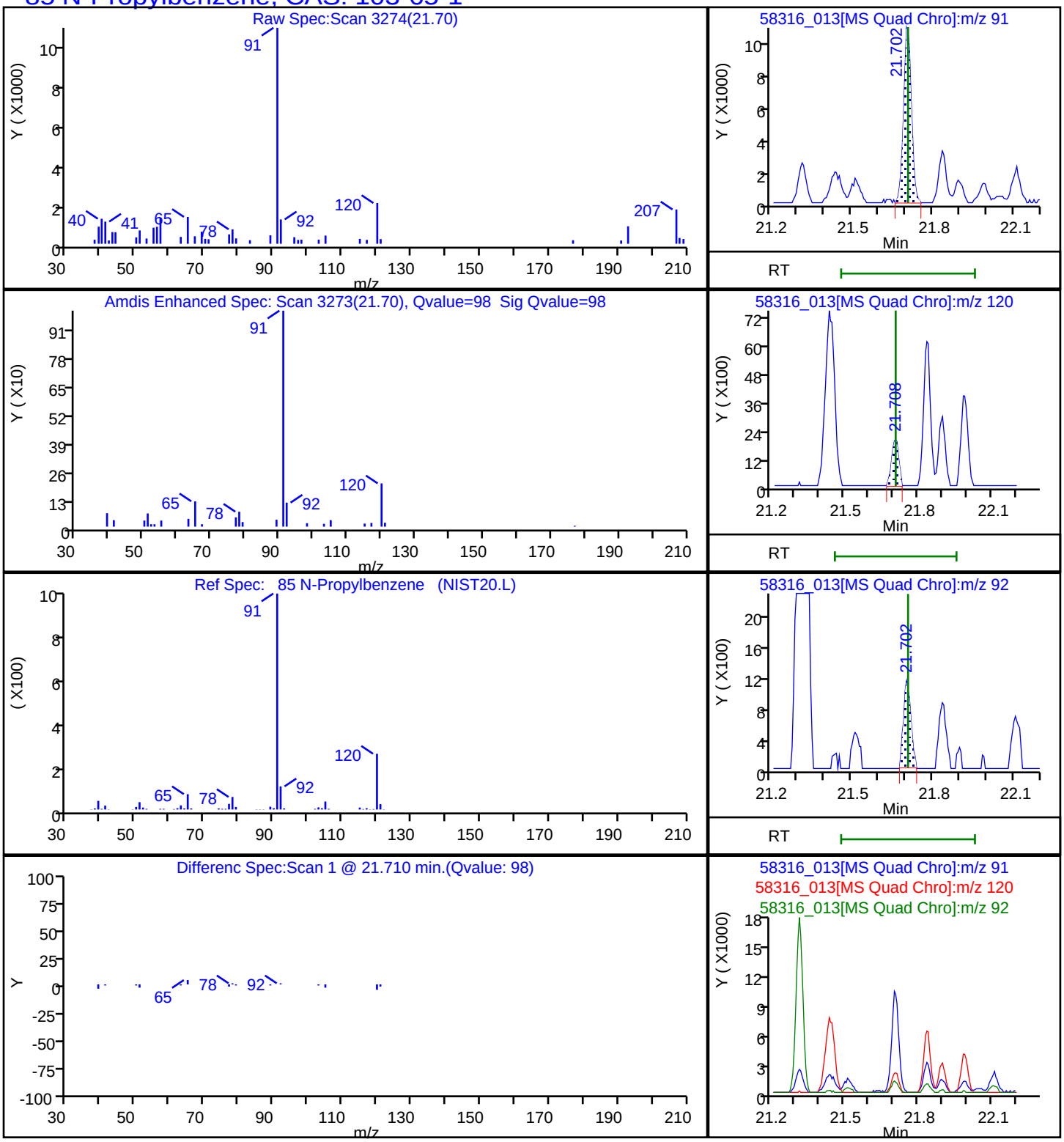
82 Isopropylbenzene, CAS: 98-82-8



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

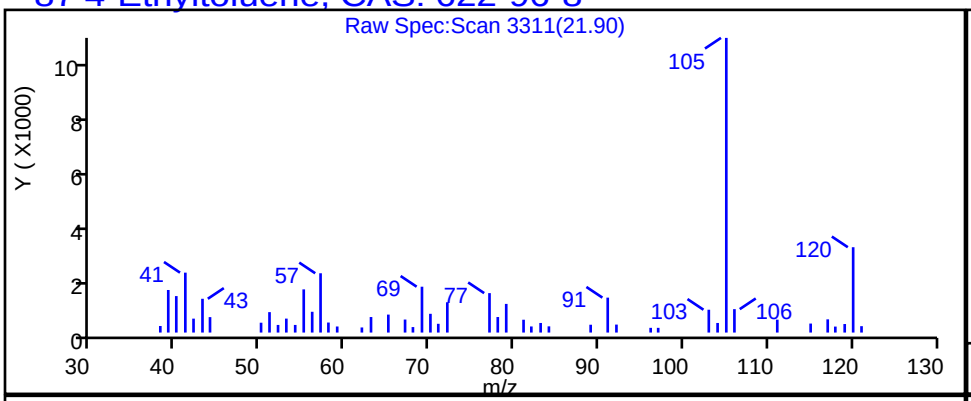
85 N-Propylbenzene, CAS: 103-65-1

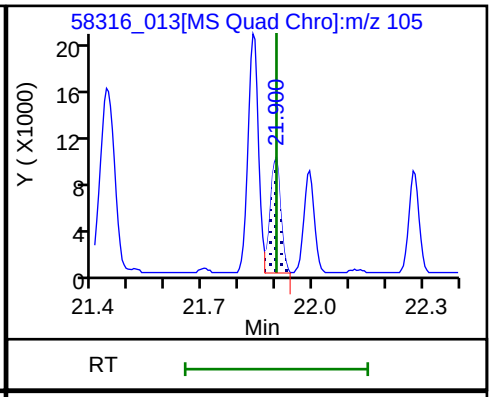


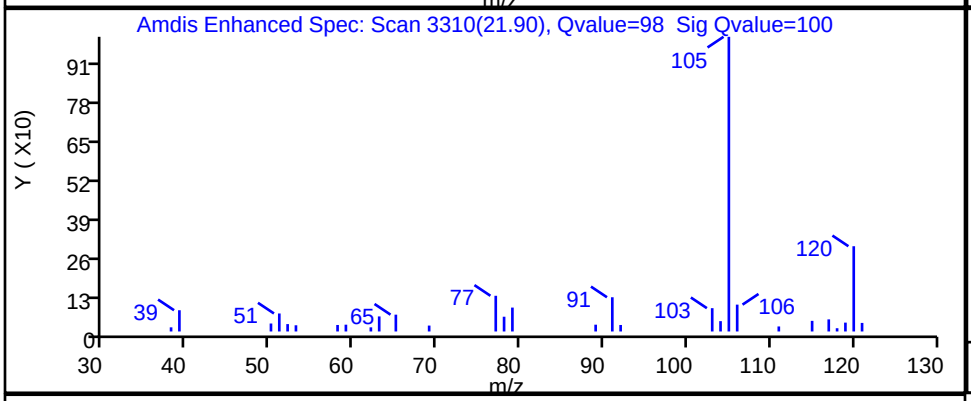
Eurofins Burlington

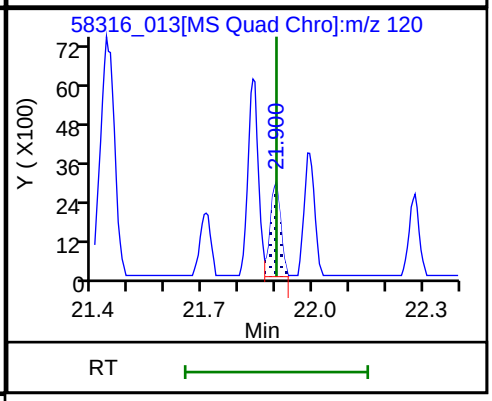
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Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

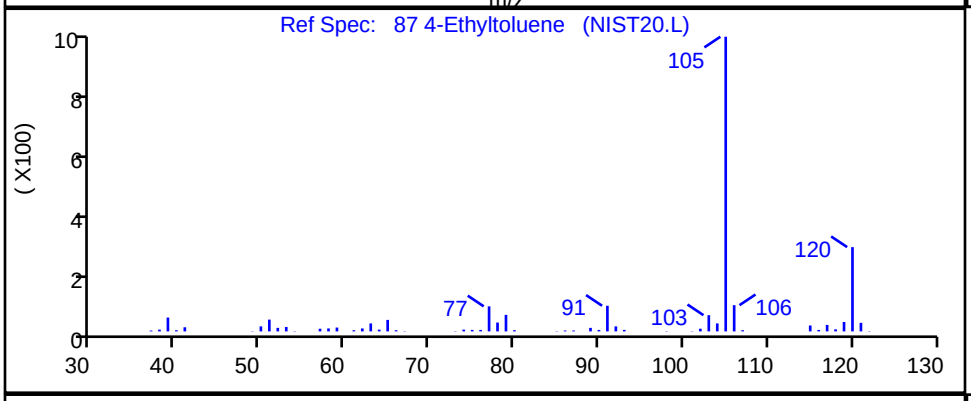
87 4-Ethyltoluene, CAS: 622-96-8

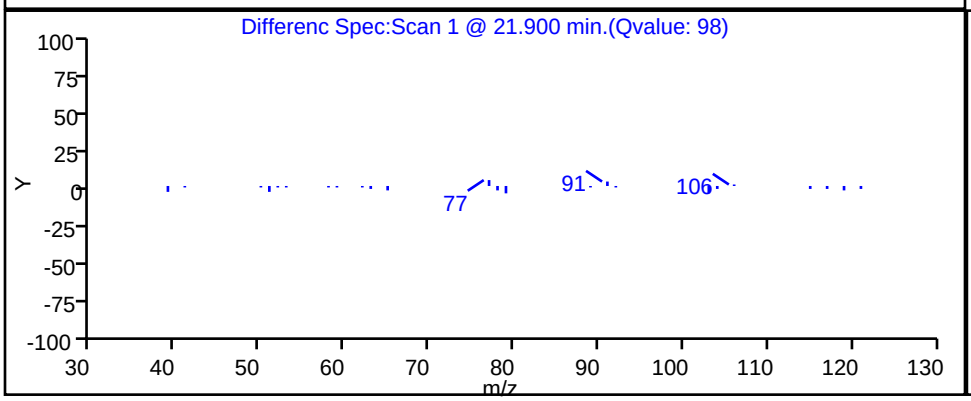


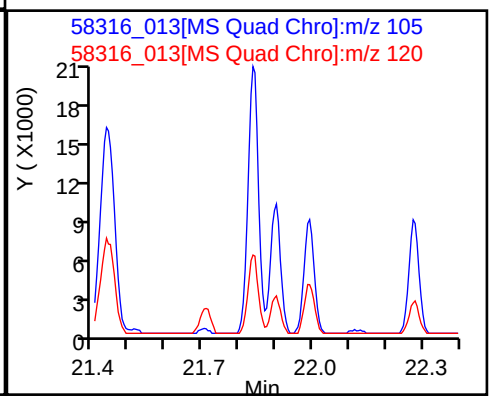








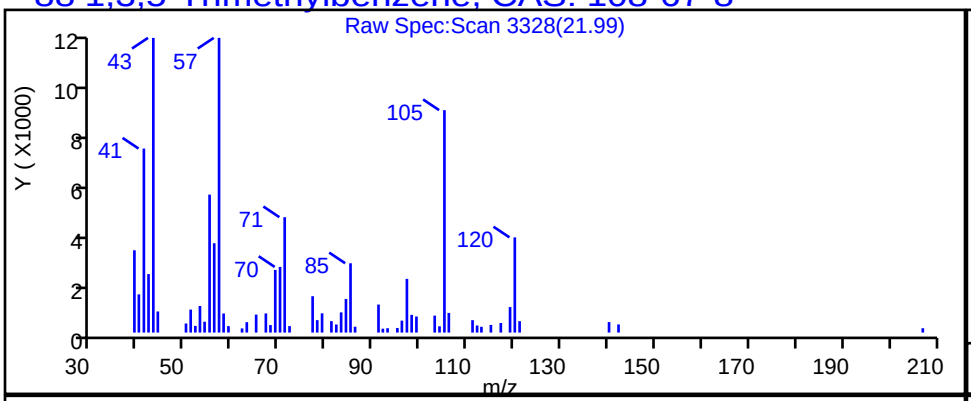


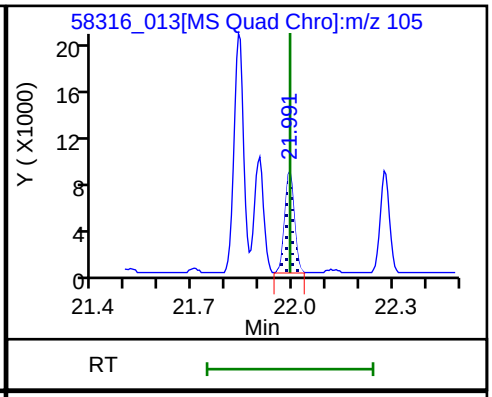


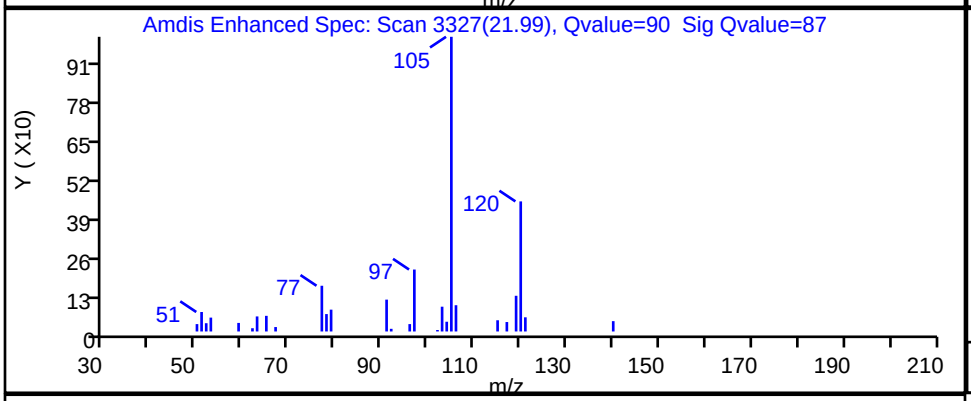
Eurofins Burlington

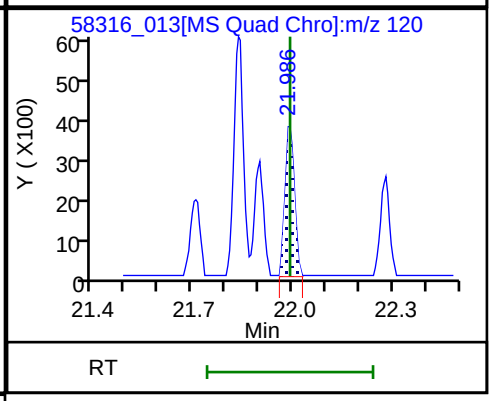
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
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Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

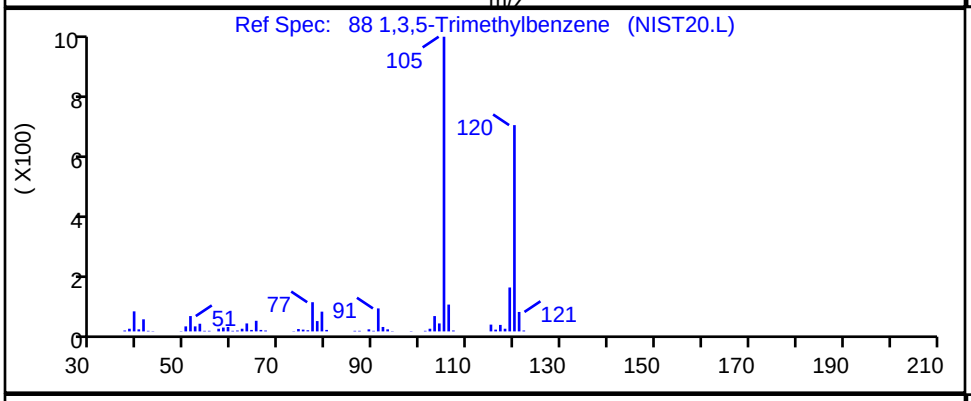
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

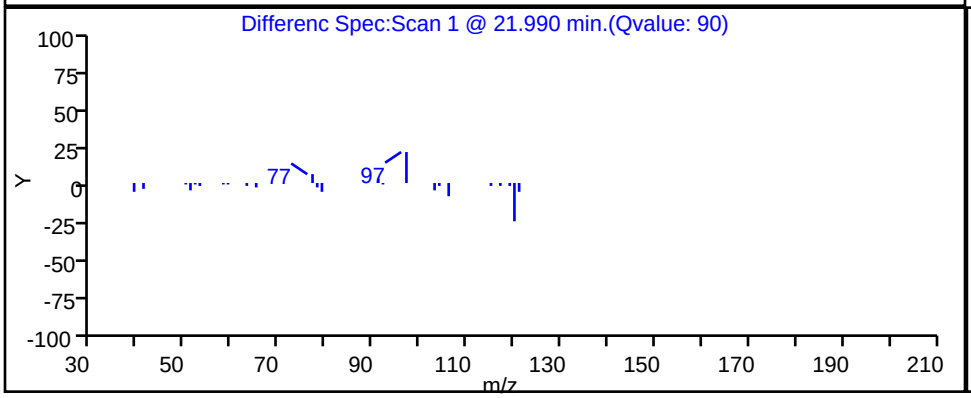


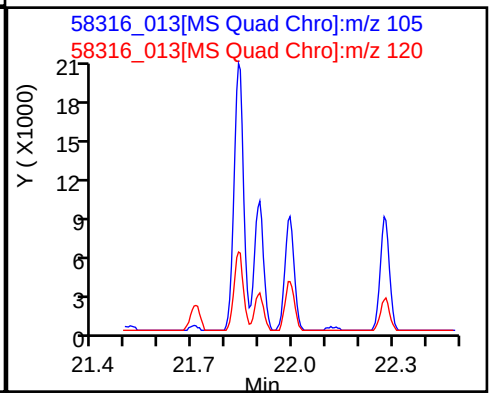








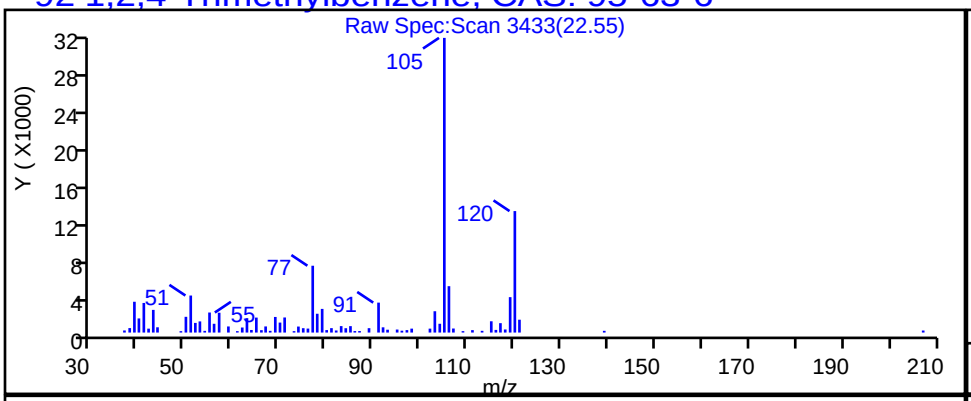


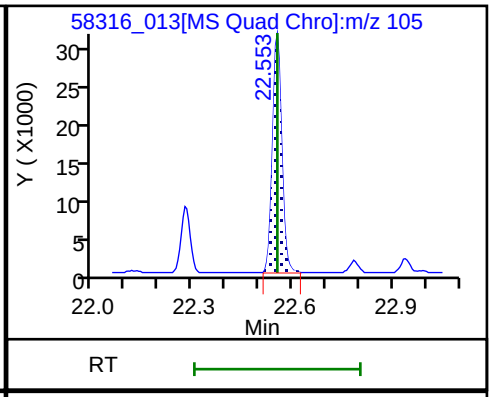


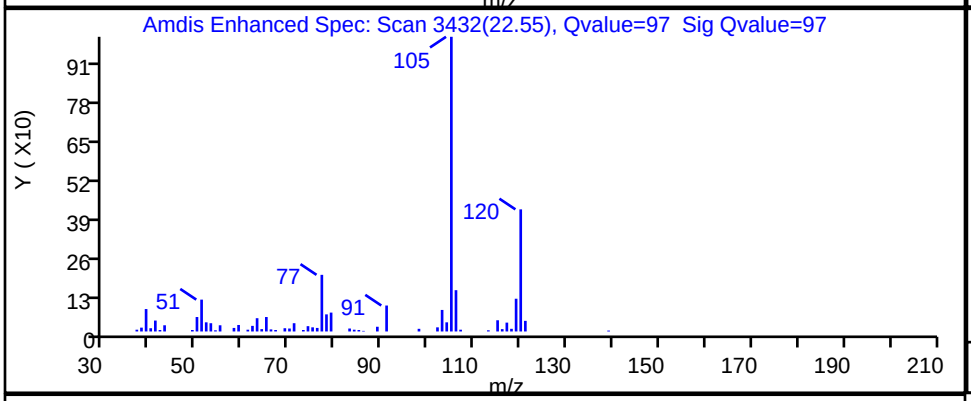
Eurofins Burlington

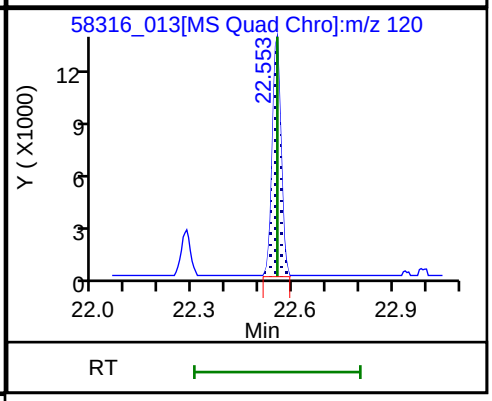
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

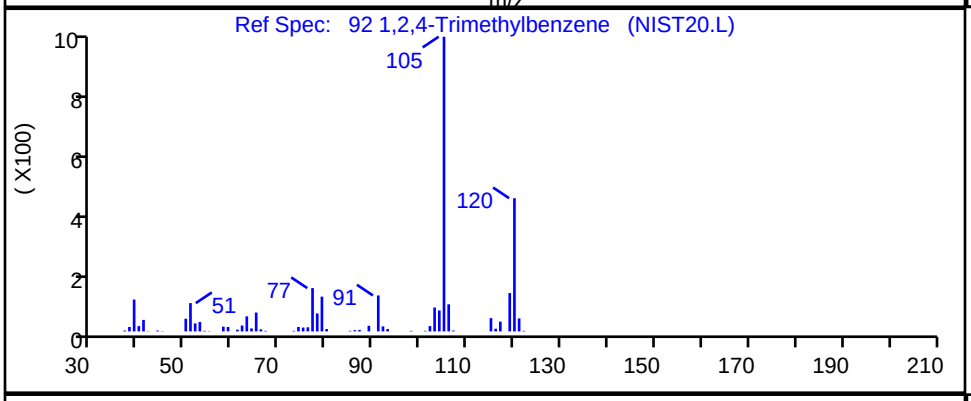
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

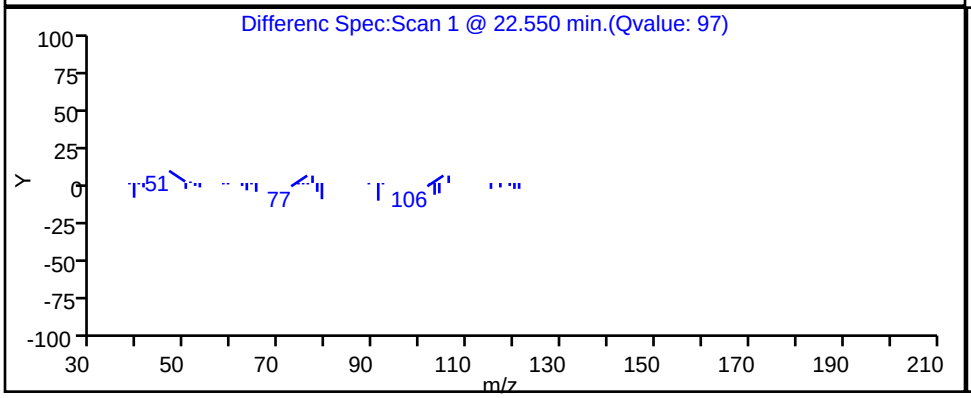


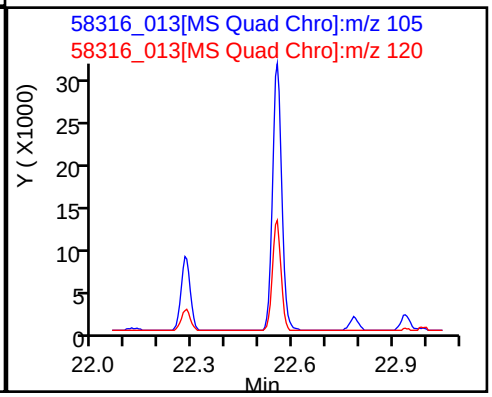












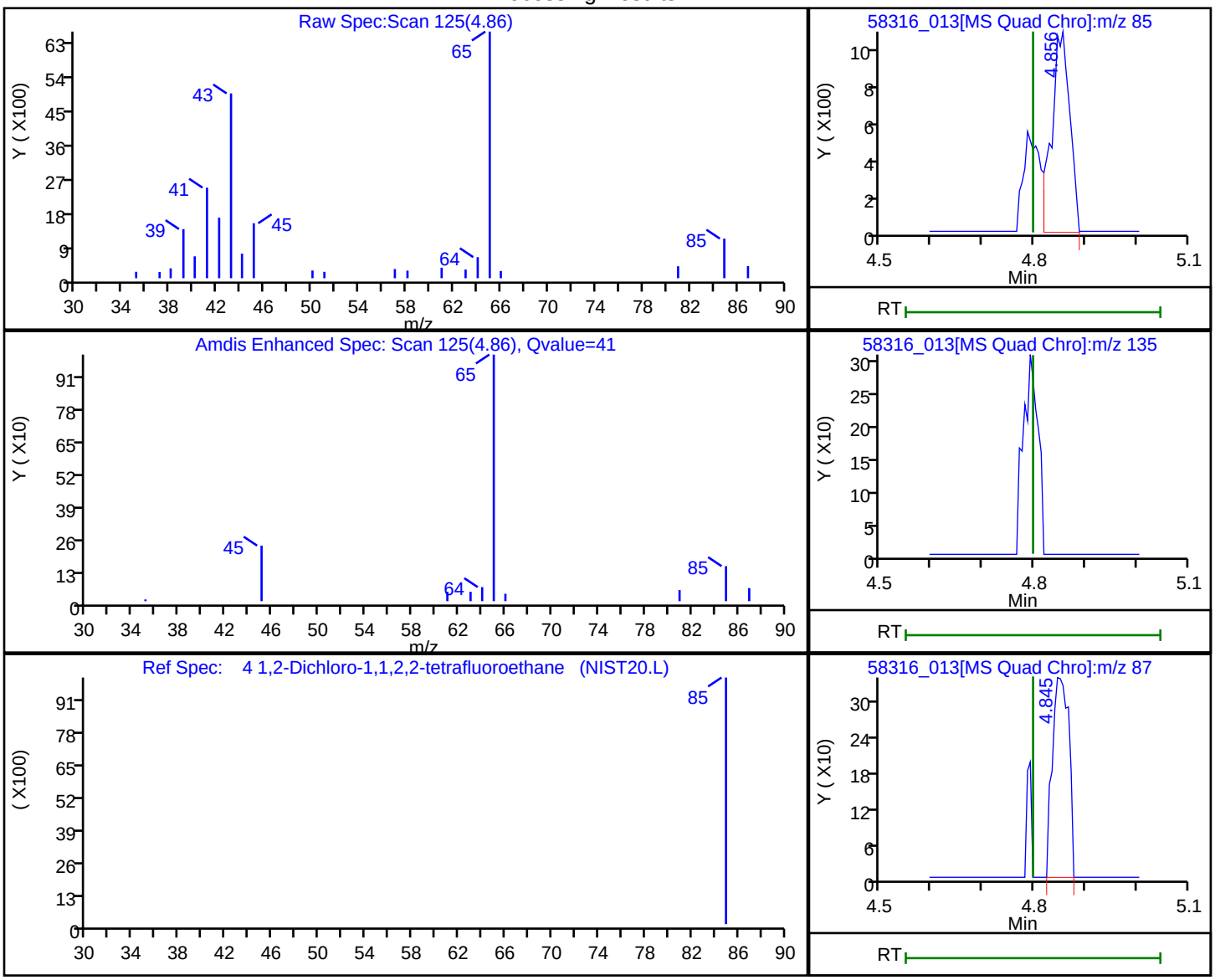
User Disabled Compound Report

Eurofins Burlington

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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results



RT	Mass	Response	Amount
4.86	85.00	2562	0.028958
4.80	135.00	0	
4.85	87.00	750	

Reviewer: F7XK, 21-Dec-2023 08:13:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

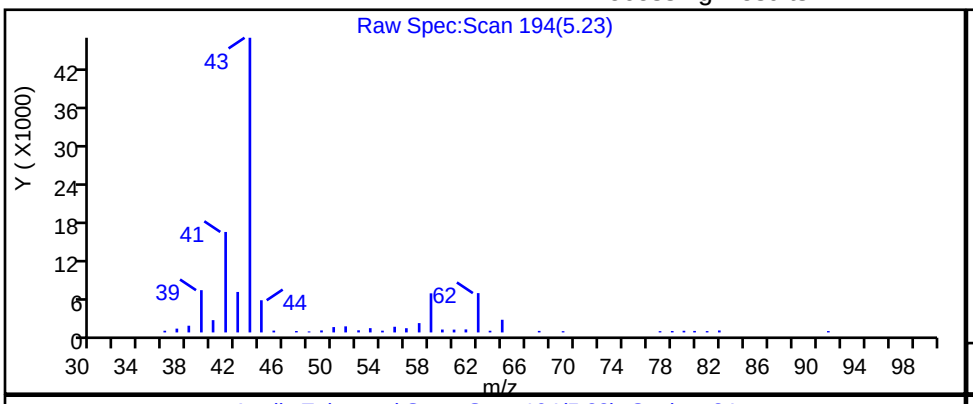
User Disabled Compound Report

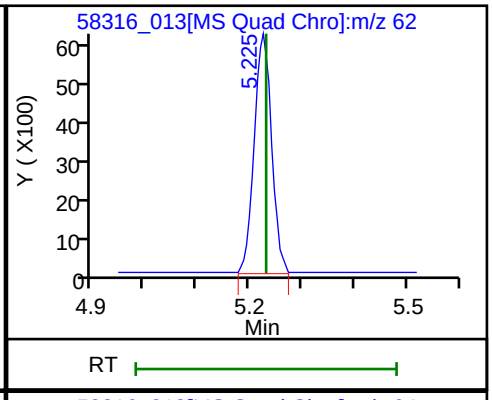
Eurofins Burlington

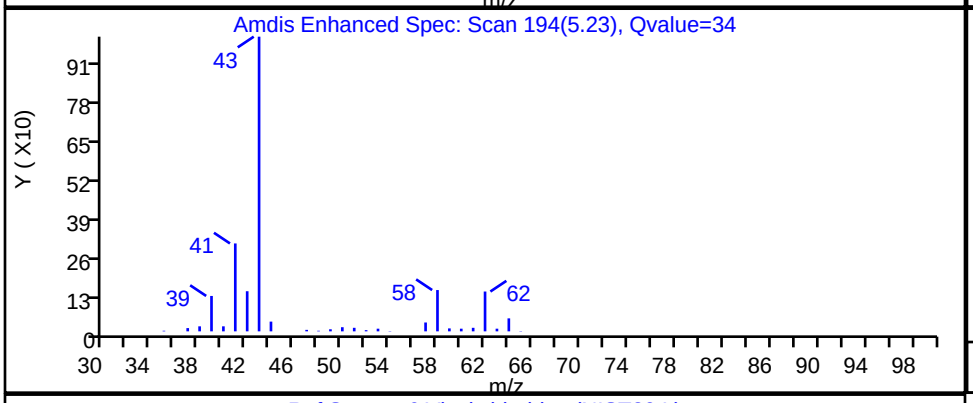
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

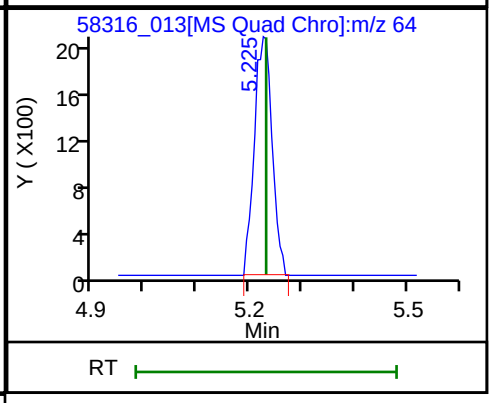
6 Vinyl chloride, CAS: 75-01-4

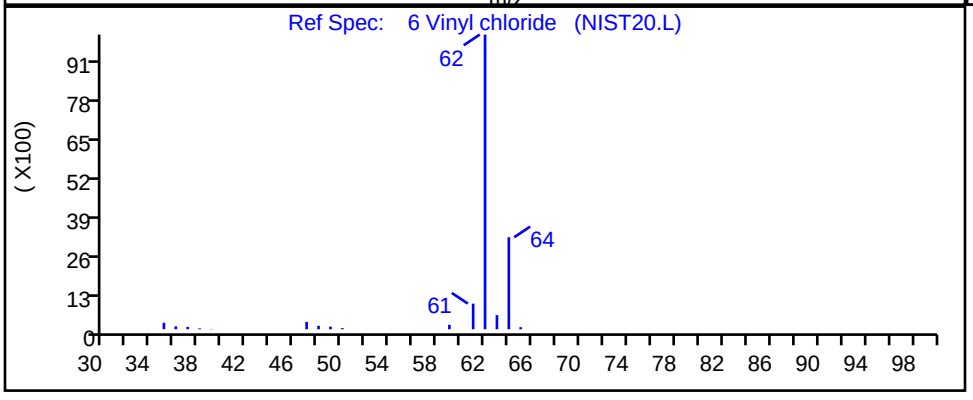
Processing Results











RT	Mass	Response	Amount
5.23	62.00	14301	0.272654
5.23	64.00	4752	

Reviewer: BKZ7, 21-Dec-2023 07:32:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

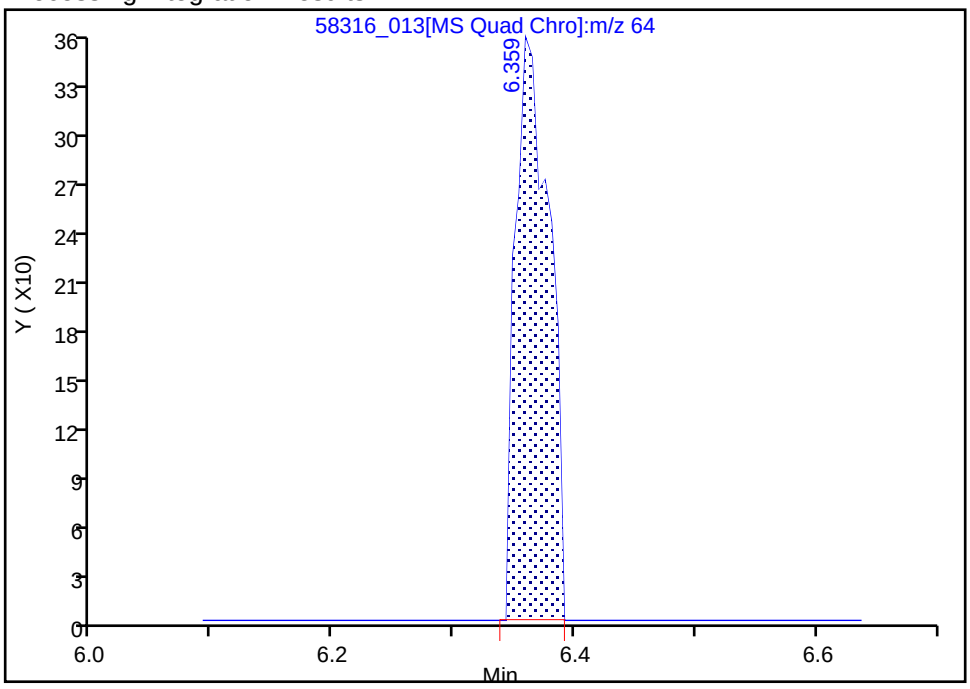
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 1

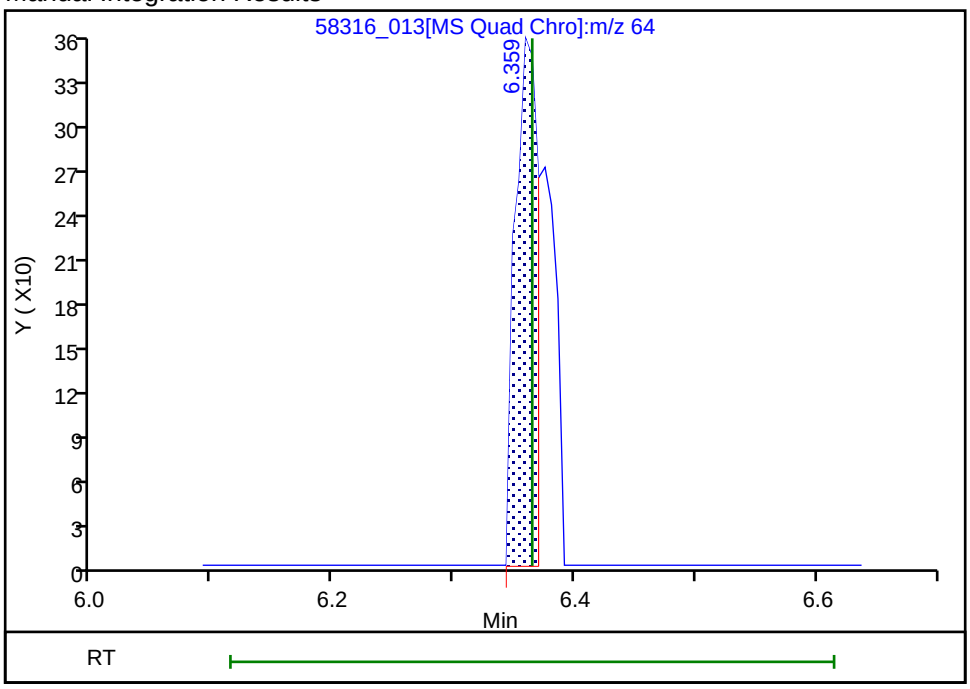
Processing Integration Results

RT: 6.36
Area: 679
Amount: 0.036329
Amount Units: ppb v/v



Manual Integration Results

RT: 6.36
Area: 459
Amount: 0.024558
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:14:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

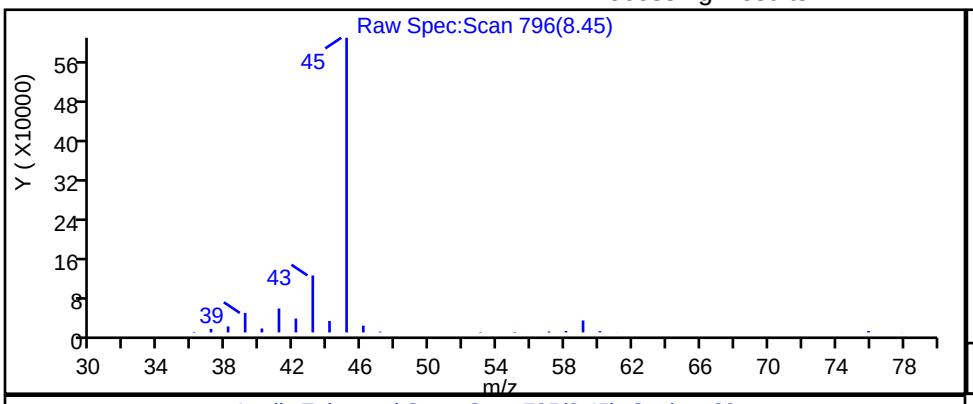
User Disabled Compound Report

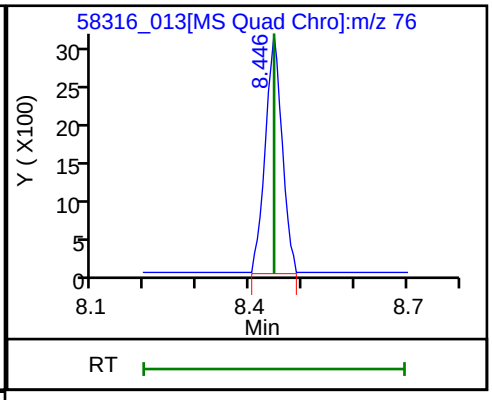
Eurofins Burlington

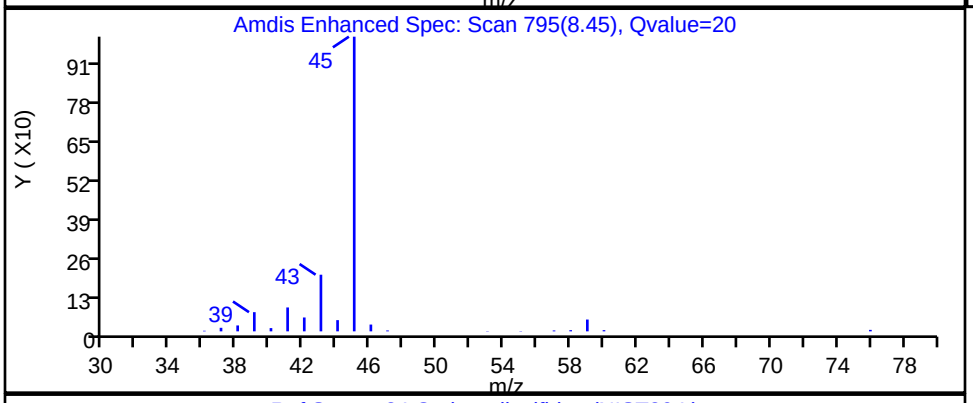
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

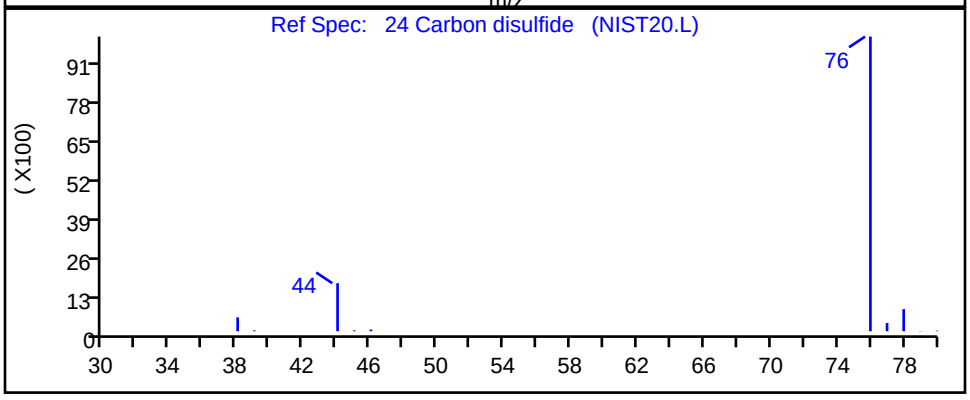
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.45	76.00	6856	0.057572

Reviewer: F7XK, 21-Dec-2023 08:14:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

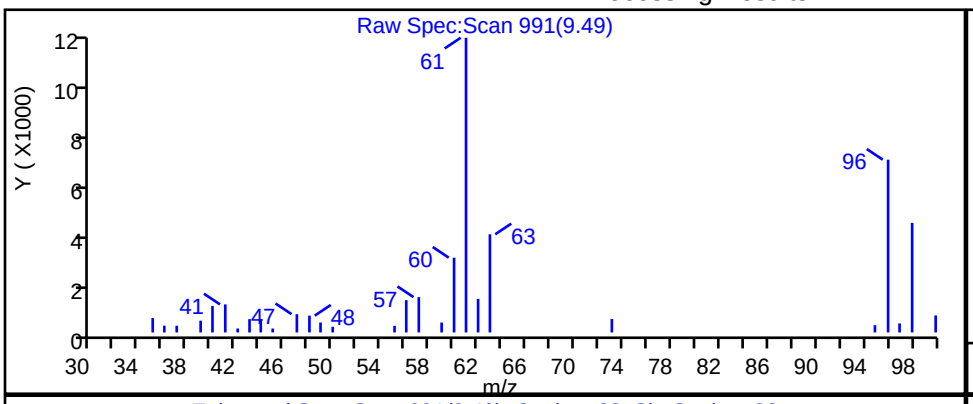
User Disabled Compound Report

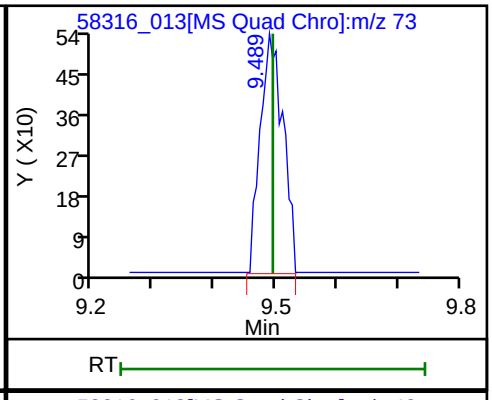
Eurofins Burlington

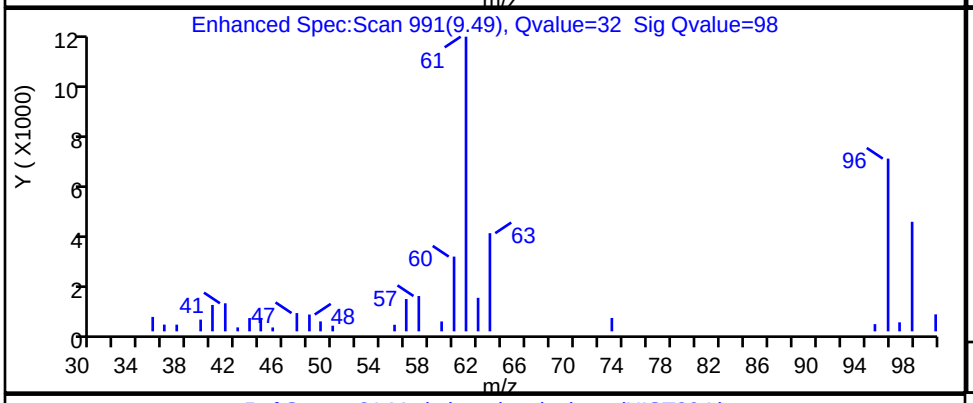
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

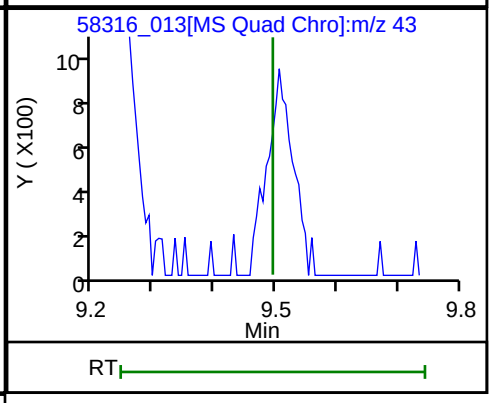
31 Methyl tert-butyl ether, CAS: 1634-04-4

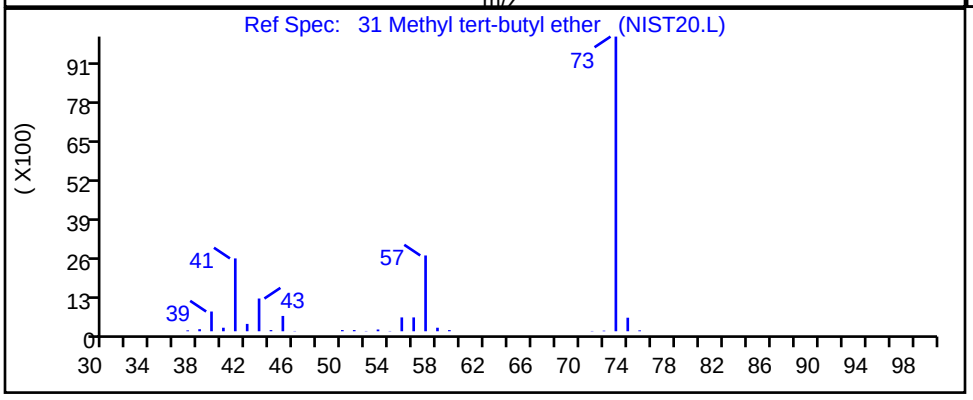
Processing Results











RT	Mass	Response	Amount
9.49	73.00	1385	0.012803
9.49	43.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:32:19 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

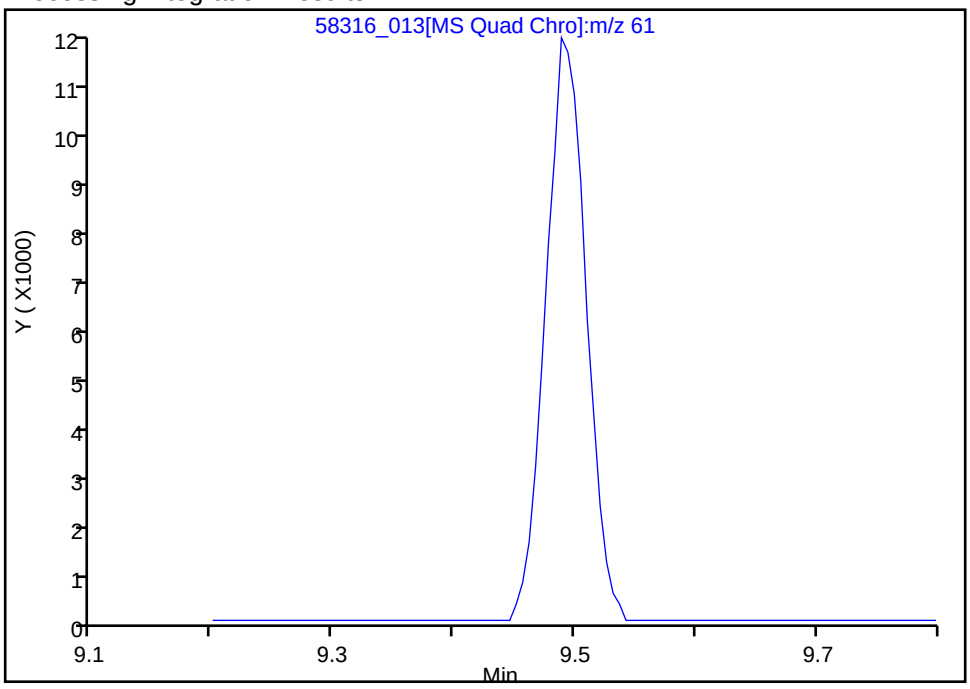
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

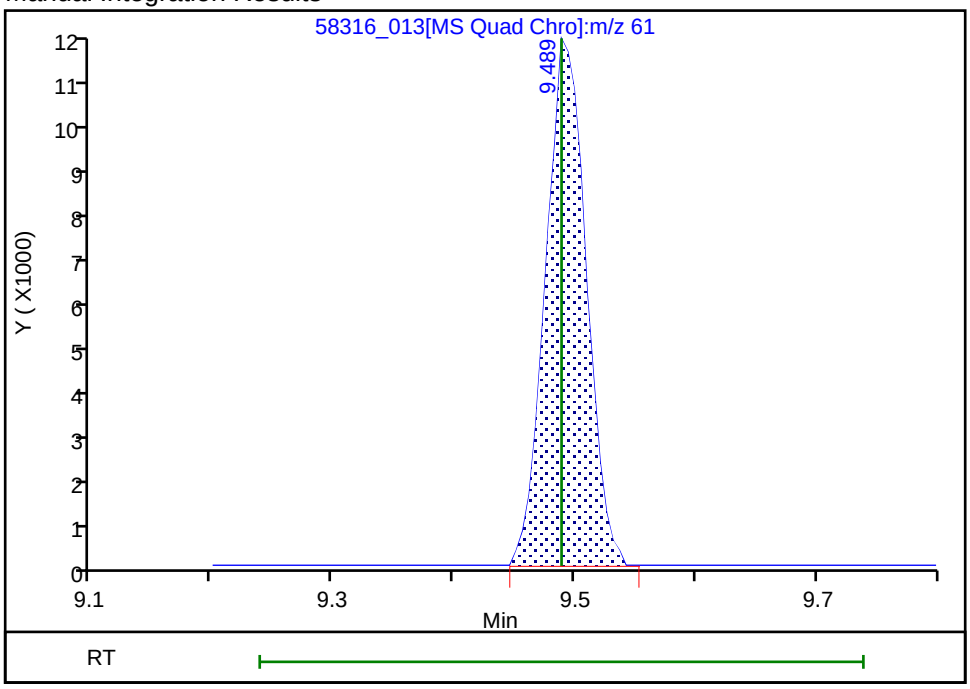
Not Detected
Expected RT: 9.49

Processing Integration Results



Manual Integration Results

RT: 9.49
Area: 27377
Amount: 0.420008
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:15:20 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

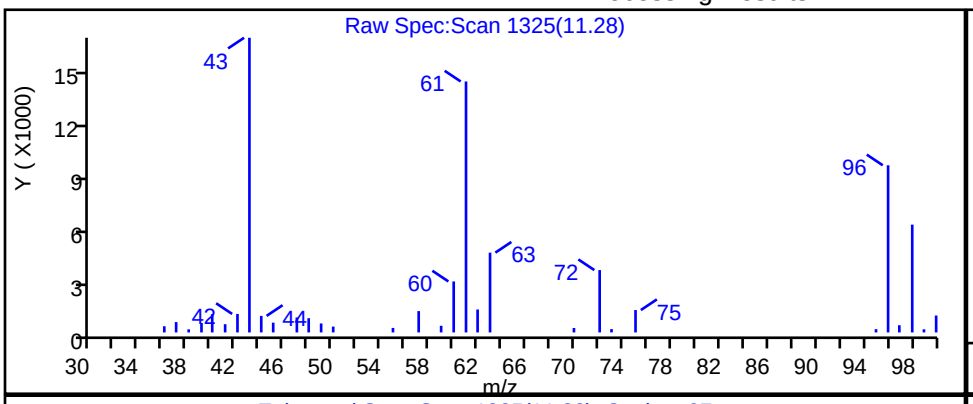
User Disabled Compound Report

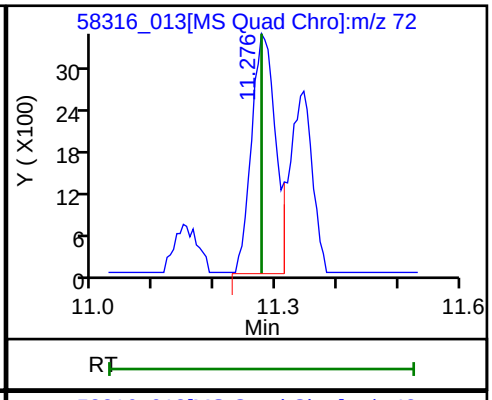
Eurofins Burlington

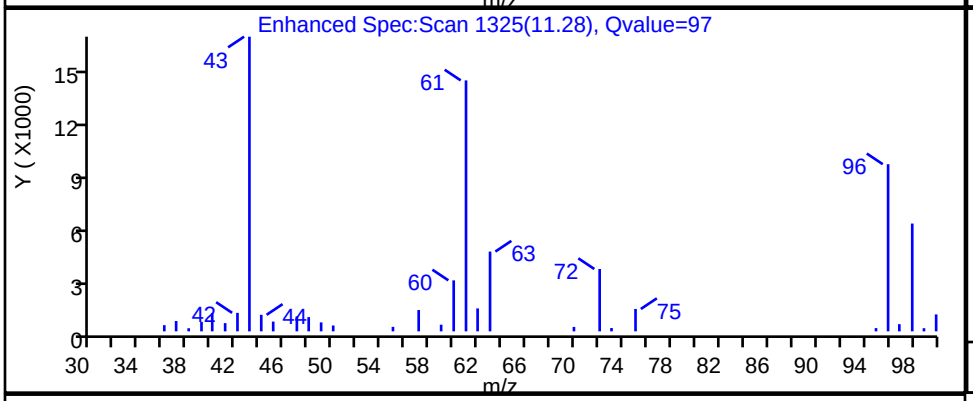
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

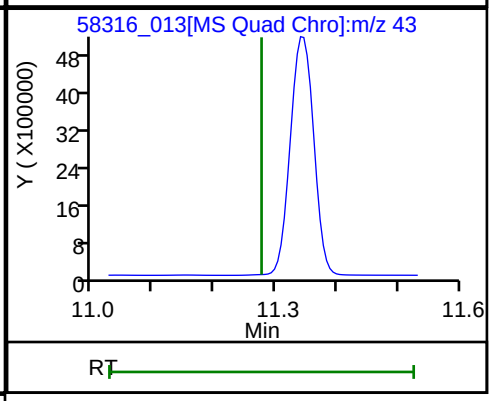
36 2-Butanone (MEK), CAS: 78-93-3

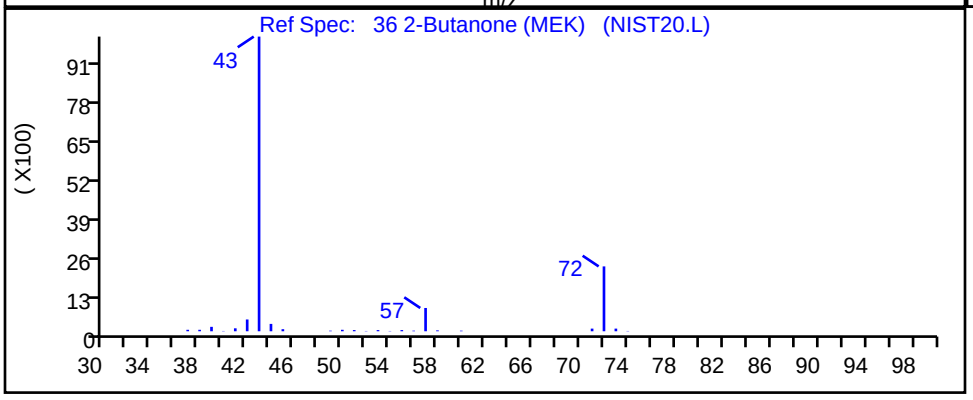
Processing Results











RT	Mass	Response	Amount
11.28	72.00	9571	0.449539
11.28	43.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:32:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

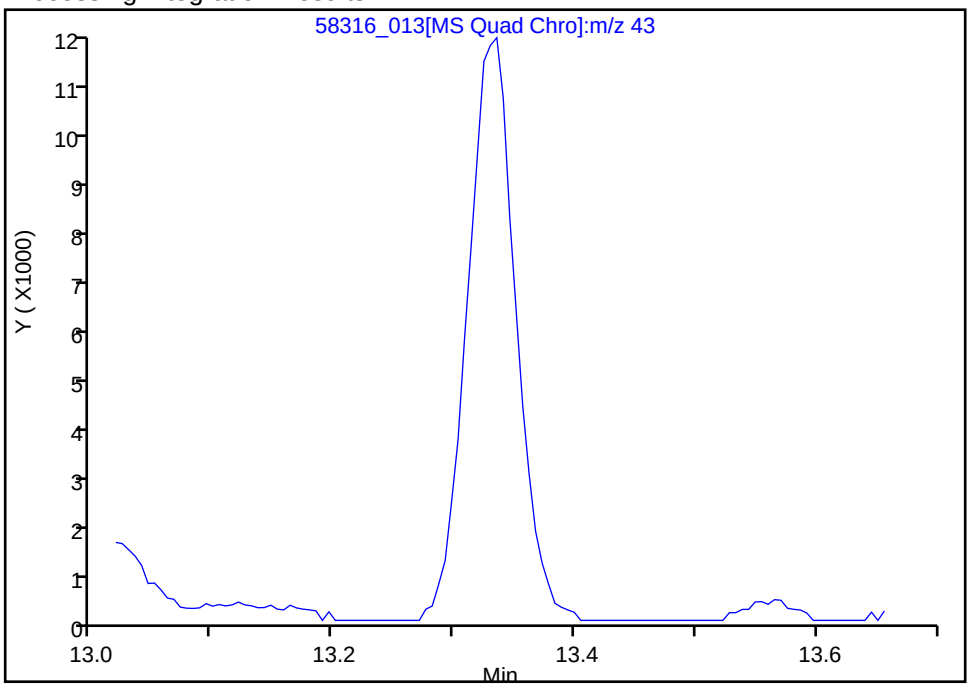
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Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5

Signal: 1

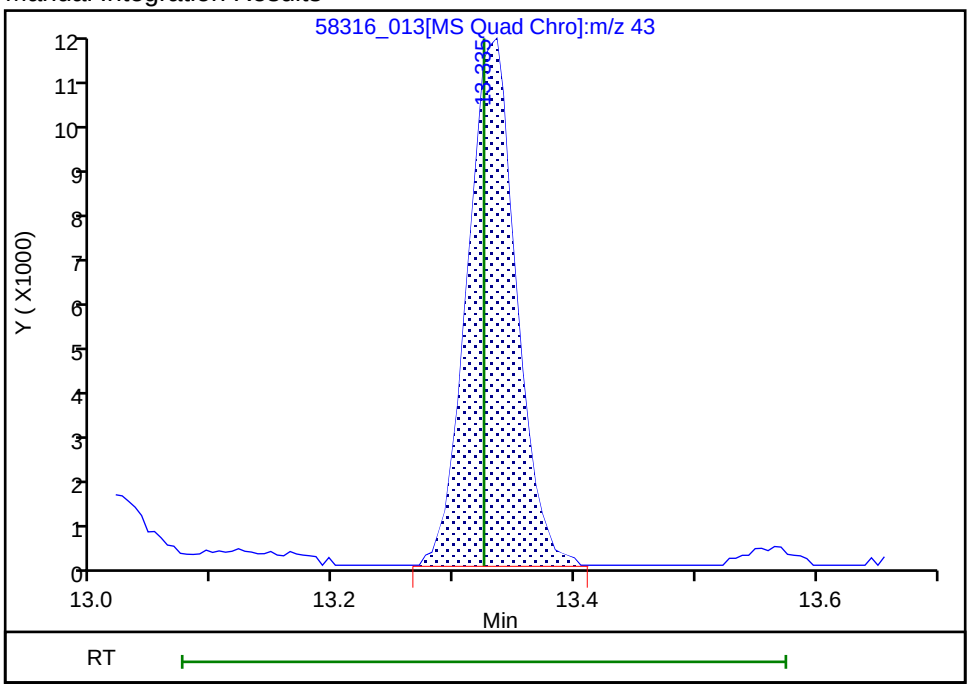
Not Detected
Expected RT: 13.32

Processing Integration Results



Manual Integration Results

RT: 13.34
Area: 33477
Amount: 0.444208
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:17:20 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

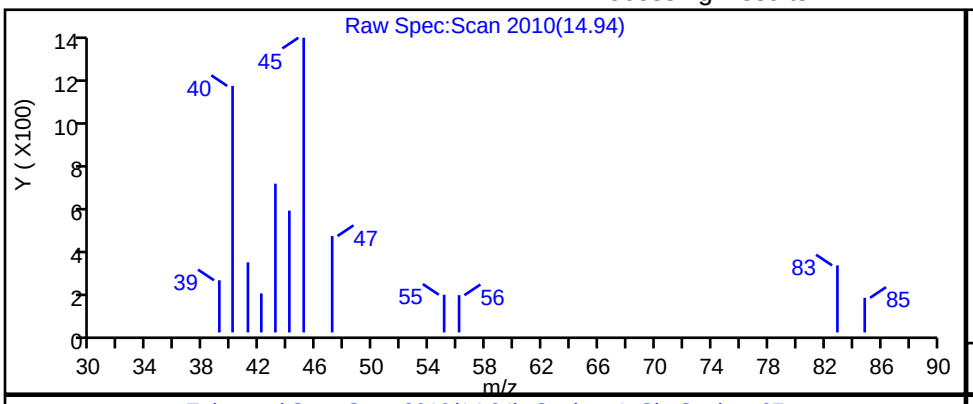
User Disabled Compound Report

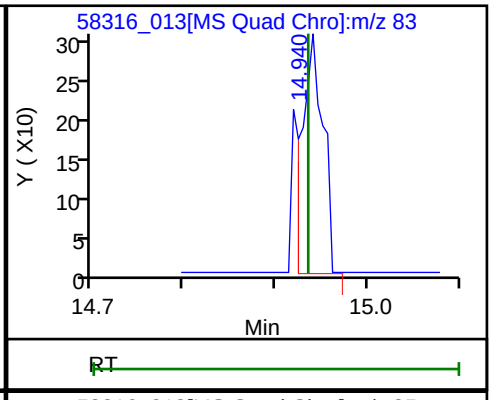
Eurofins Burlington

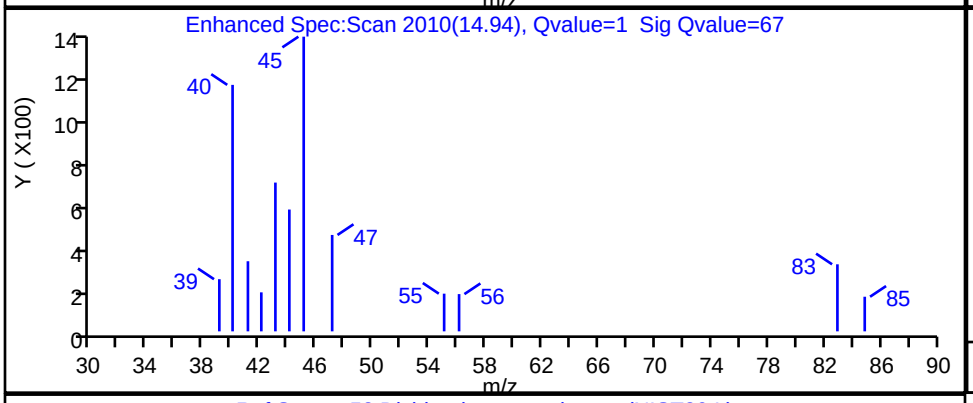
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

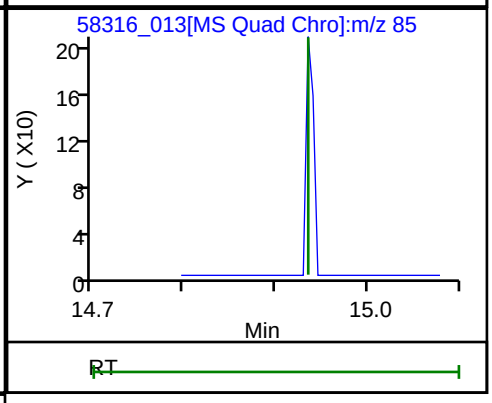
58 Dichlorobromomethane, CAS: 75-27-4

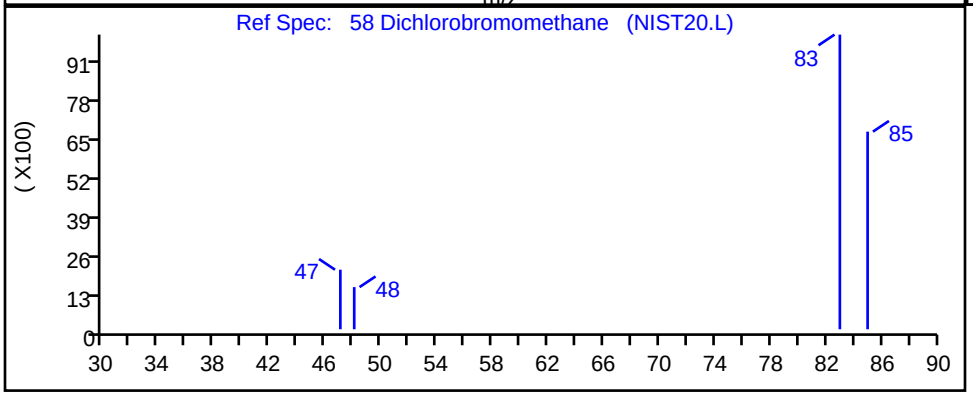
Processing Results











RT	Mass	Response	Amount
14.94	83.00	477	0.005008
14.93	85.00	0	

Reviewer: F7XK, 21-Dec-2023 08:18:18 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

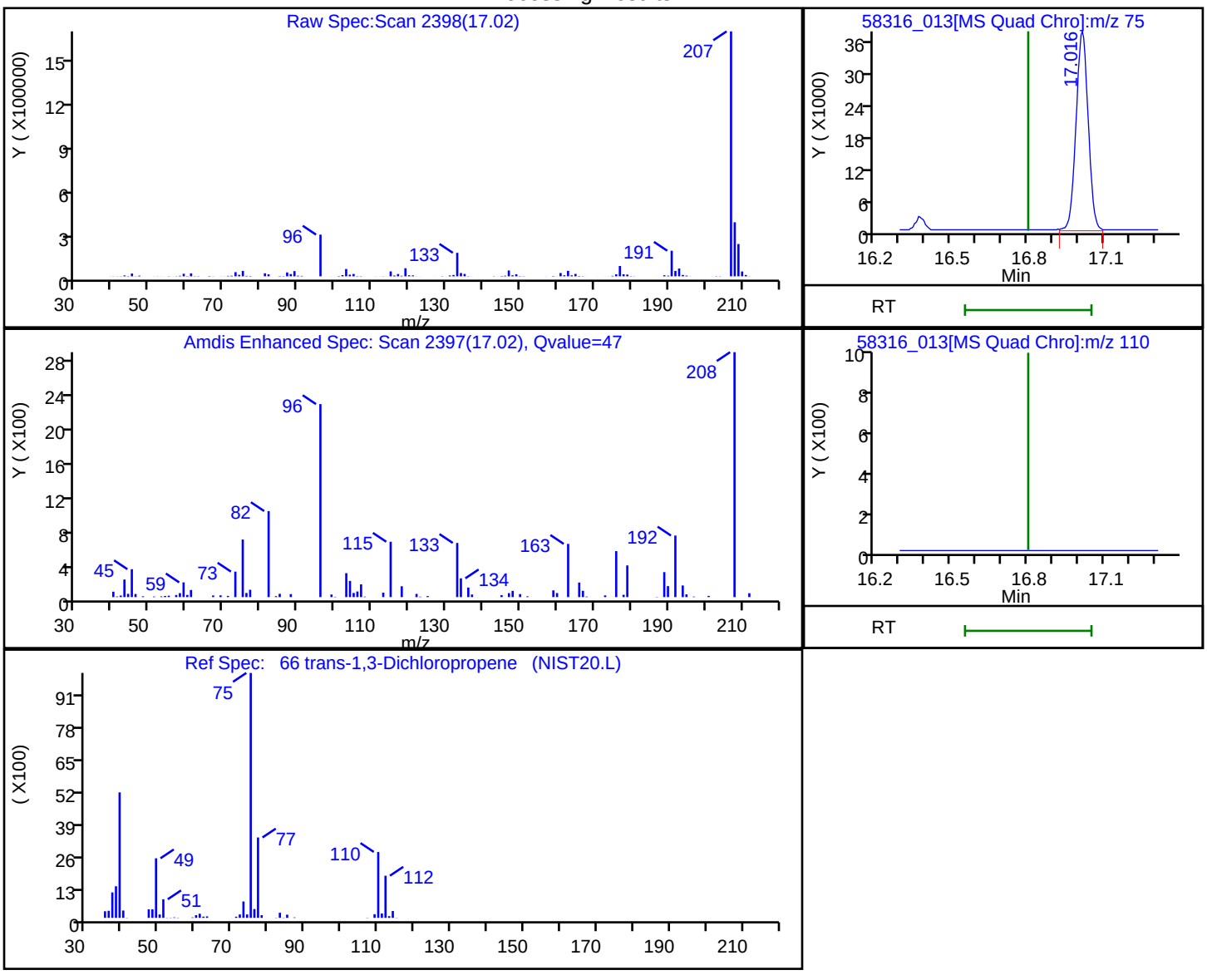
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
17.02	75.00	124912	1.807634
16.80	110.00	0	

Reviewer: F7XK, 21-Dec-2023 08:18:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

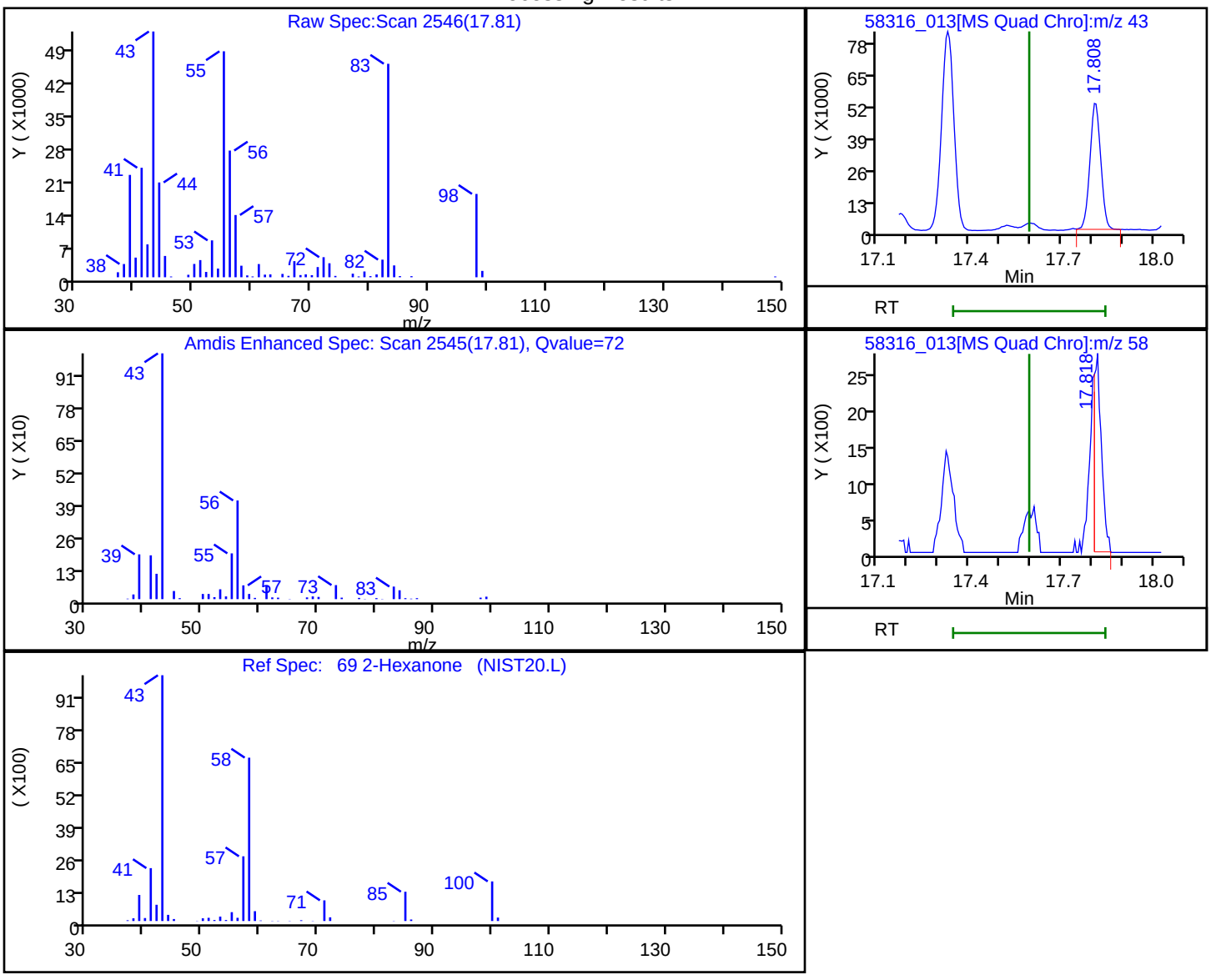
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
17.81	43.00	129952	1.322125
17.82	58.00	4558	

Reviewer: F7XK, 21-Dec-2023 08:18:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

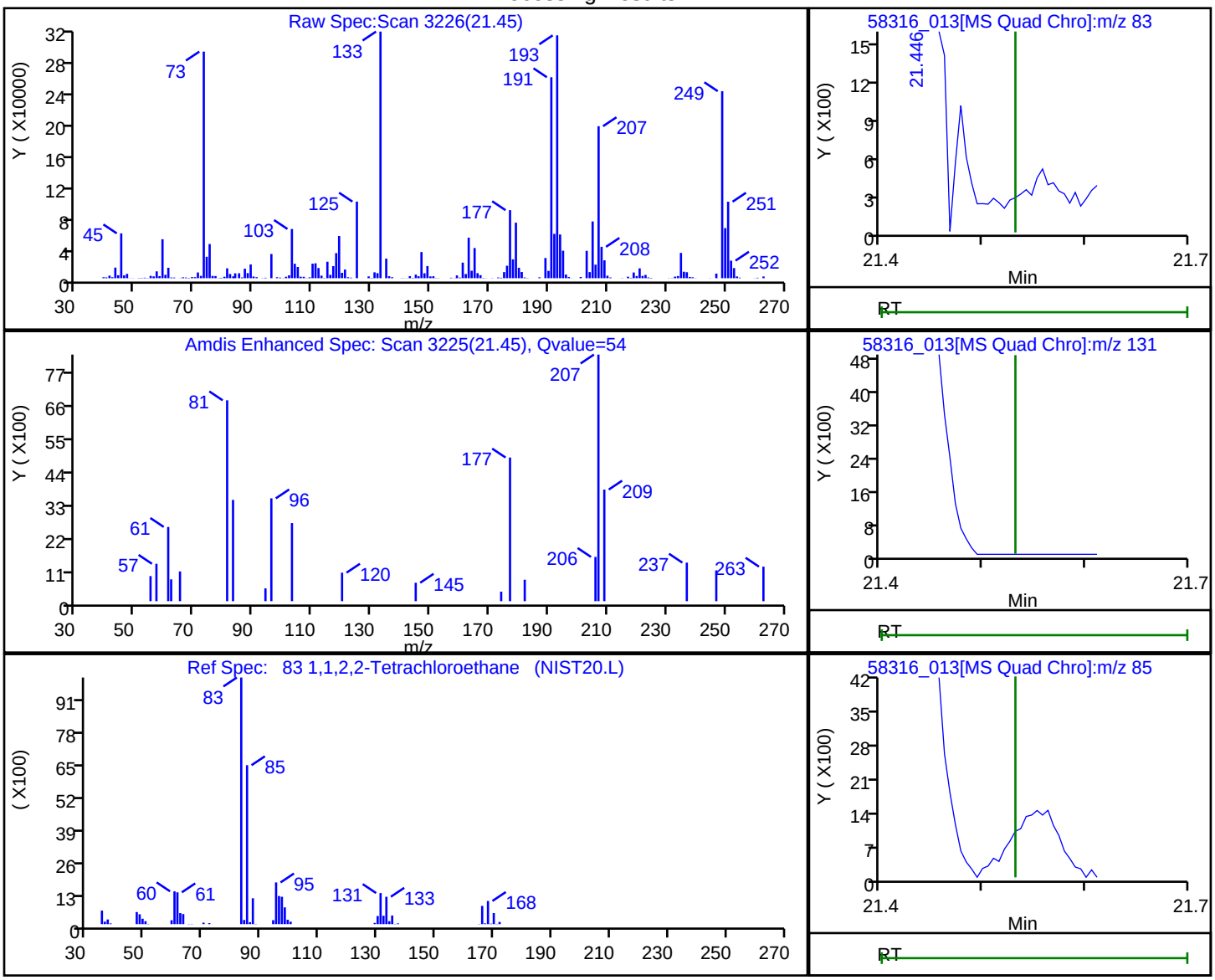
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.45	83.00	2407	0.017634
21.53	131.00	0	
21.53	85.00	0	

Reviewer: F7XK, 21-Dec-2023 08:19:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

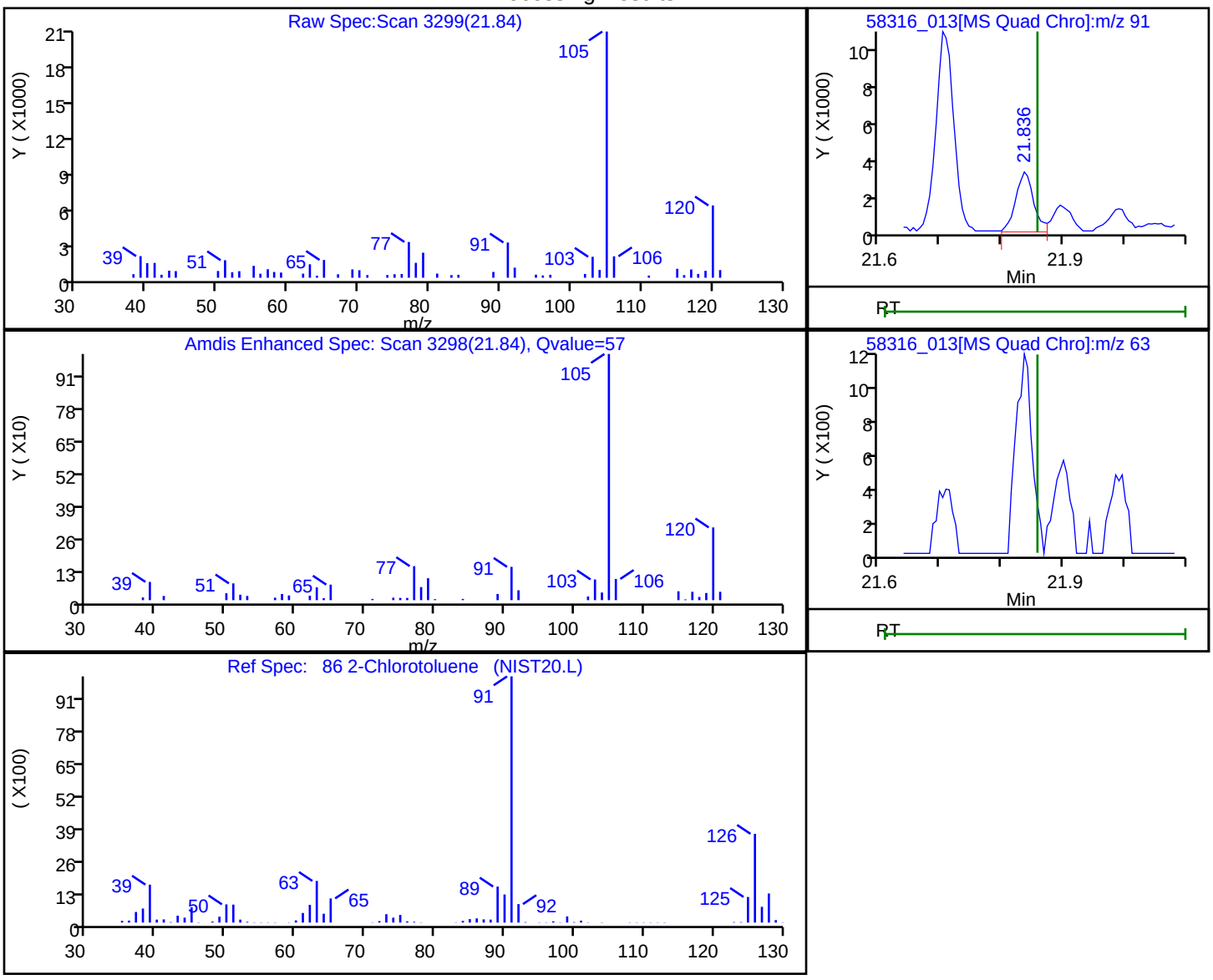
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.84	91.00	5982	0.034339
21.86	63.00	0	

Reviewer: F7XK, 21-Dec-2023 08:19:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

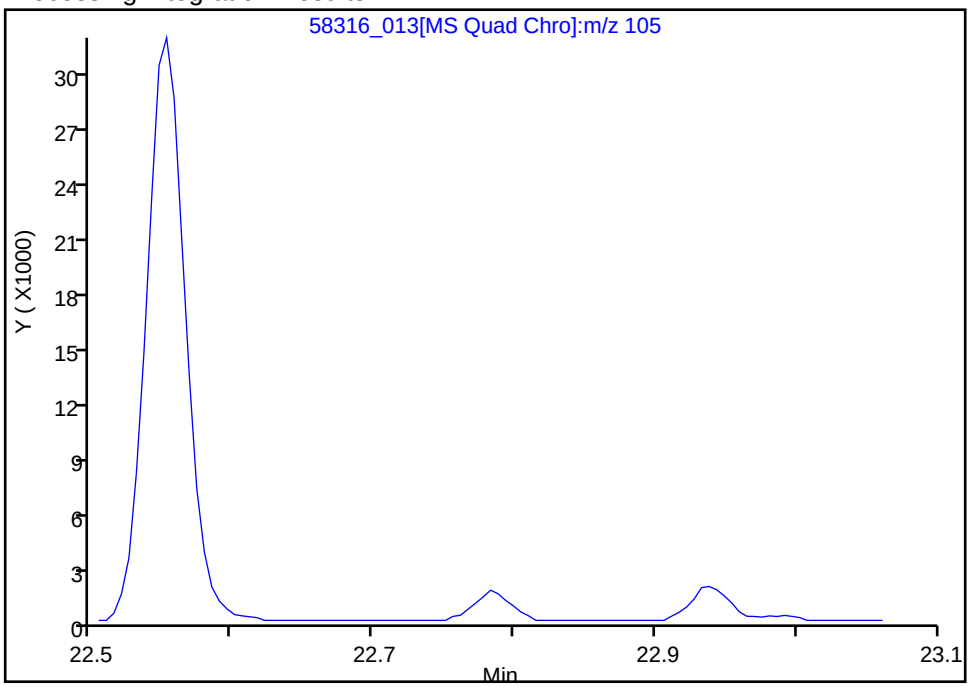
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

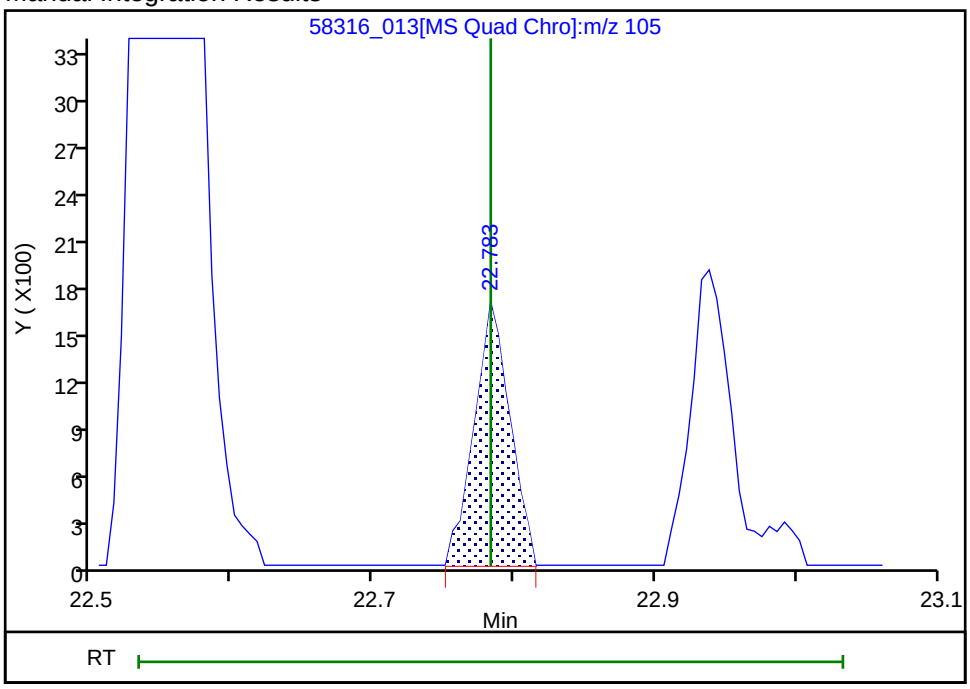
Not Detected
Expected RT: 22.78

Processing Integration Results



Manual Integration Results

RT: 22.78
Area: 2911
Amount: 0.011471
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:20:09 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

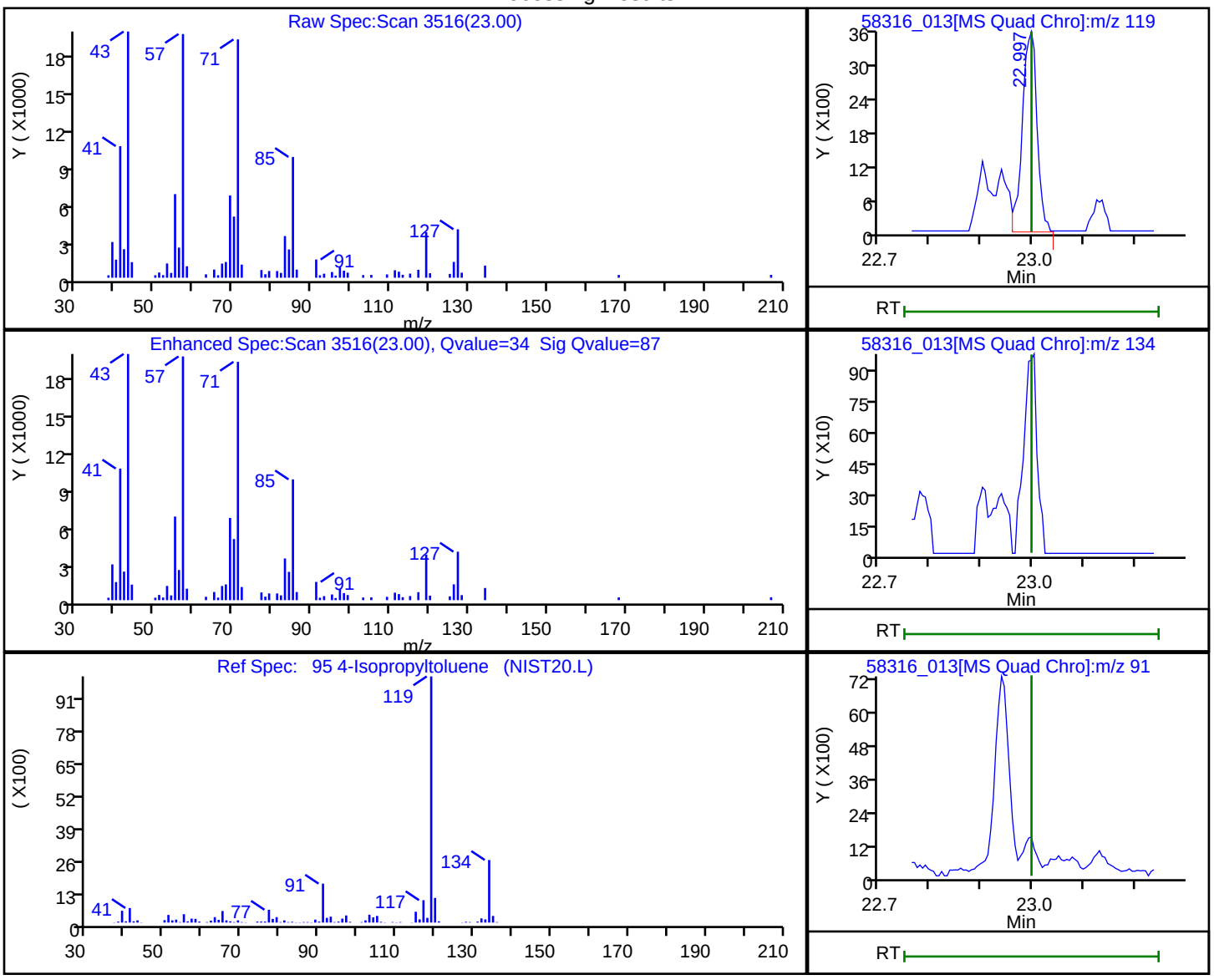
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_013.D				
Injection Date:	20-Dec-2023 18:15:09	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-2	Lab Sample ID:	200-71332-2		
Client ID:	SVES-INT-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
23.00	119.00	7078	0.034471
23.00	134.00	0	
23.00	91.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:33:08 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 Lab Sample ID: 200-71332-3

Matrix: Air Lab File ID: 58316_014.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	0.97	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	4.1		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	1.9		0.14	0.10
67-64-1	Acetone	17		12	3.8
67-63-0	Isopropyl alcohol	58		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	3.5		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	2.2		0.79	0.091
110-54-3	n-Hexane	1.0	J	1.8	0.39
75-34-3	1,1-Dichloroethane	27		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	5.5		0.20	0.083
67-66-3	Chloroform	1.8		0.98	0.20
109-99-9	Tetrahydrofuran	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	8.3		1.1	0.24
110-82-7	Cyclohexane	0.50	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.22		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.48	J	0.93	0.18
71-43-2	Benzene	2.6		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	1.7		0.82	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 Lab Sample ID: 200-71332-3

Matrix: Air Lab File ID: 58316_014.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2.0		0.19	0.13
80-62-6	Methyl methacrylate	1.3	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.90	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.2		2.0	0.53
108-88-3	Toluene	24		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	1.9		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.1		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	5.1		2.2	0.41
95-47-6	o-Xylene	2.5		0.87	0.27
100-42-5	Styrene	1.9		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.57	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.48	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.65	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.65	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	2.5		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 Lab Sample ID: 200-71332-3

Matrix: Air Lab File ID: 58316_014.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D
Lims ID: 200-71332-A-3
Client ID: SVES-EFF-08_20231218
Sample Type: Client
Inject. Date: 20-Dec-2023 19:06:49 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058316-014
Misc. Info.: 71332-3
Operator ID: wrd Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:34:34 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 21-Dec-2023 08:28:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.417	4.428	-0.011	99	34139	0.4289	
3 Chlorodifluoromethane	51	4.471	4.476	-0.005	96	12521	0.2753	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.797				ND	MU
5 Chloromethane	50	4.915	4.925	-0.011	96	3081	0.1086	
7 Butane	43	5.225	5.225	0.000	99	119051	1.71	
6 Vinyl chloride	62		5.230				ND	MU
8 Butadiene	54		5.343				ND	MU
9 Bromomethane	94		6.086				ND	
10 Chloroethane	64		6.365				ND	7
13 Vinyl bromide	106		6.798				ND	
14 Trichlorofluoromethane	101	6.953	6.958	-0.005	97	16037	0.1825	
20 1,1-Dichloroethene	96	8.039	8.044	-0.005	96	18871	0.4825	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.082	8.076	0.005	84	3638	0.0431	
22 Acetone	43	8.135	8.141	-0.006	98	421631	7.01	
24 Carbon disulfide	76		8.446				ND	MU
23 Isopropyl alcohol	45	8.446	8.451	-0.005	100	1428490	23.7	
26 3-Chloro-1-propene	41		8.756				ND	
27 Methylene Chloride	49	9.002	8.997	0.005	97	51684	1.01	
28 2-Methyl-2-propanol	59	9.237	9.232	0.005	96	33580	0.4271	
30 trans-1,2-Dichloroethene	61	9.494	9.489	0.005	96	35967	0.5496	M
31 Methyl tert-butyl ether	73		9.494				ND	MU
32 Hexane	57	9.997	9.997	0.000	91	18046	0.2850	
33 1,1-Dichloroethane	63	10.281	10.281	0.000	100	552836	6.75	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	90	8759	0.4098	
37 cis-1,2-Dichloroethene	96	11.297	11.292	0.005	70	59269	1.40	
* 39 Chlorobromomethane	128	11.714	11.709	0.005	97	340054	10.0	
40 Tetrahydrofuran	42		11.741				ND	MU
41 Chloroform	83	11.896	11.891	0.005	97	33537	0.3673	
42 1,1,1-Trichloroethane	97	12.185	12.190	0.000	97	130442	1.52	
43 Cyclohexane	84	12.308	12.313	0.000	95	7502	0.1462	M
44 Carbon tetrachloride	117	12.463	12.463	0.005	95	2907	0.0342	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.822	12.821	0.006	97	106099	0.8144	
46 1,2-Dichloroethane	62		12.902				ND	
47 Isooctane	57	13.020	13.020	0.000	98	20785	0.1030	
48 n-Heptane	43	13.330	13.330	0.005	91	31027	0.4093	M
* 49 1,4-Difluorobenzene	114	13.565	13.560	0.005	96	1636487	10.0	
51 Trichloroethene	95	13.993	13.993	0.005	93	21822	0.3661	
53 1,2-Dichloropropane	63	14.464	14.464	0.005	91	10521	0.1956	
54 Methyl methacrylate	69	14.550	14.545	0.011	96	15040	0.3204	
55 1,4-Dioxane	88		14.587				ND	7
58 Dichlorobromomethane	83	14.935	14.941	0.000	1	705	0.007359	7M
59 cis-1,3-Dichloropropene	75		15.737				ND	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	0.000	96	53552	0.5339	M
62 Toluene	92	16.374	16.373	0.005	93	569483	6.47	
66 trans-1,3-Dichloropropene	75		16.802				ND	MU
67 1,1,2-Trichloroethane	83		17.182				ND	
68 Tetrachloroethene	166	17.358	17.364	0.000	92	18900	0.2817	
69 2-Hexanone	43		17.594				ND	MU
70 Chlorodibromomethane	129		17.915				ND	
71 Ethylene Dibromide	107		18.156				ND	
* 73 Chlorobenzene-d5	117	19.065	19.065	0.000	91	1542572	10.0	
74 Chlorobenzene	112	19.124	19.129	0.000	93	29389	0.2398	
75 Ethylbenzene	91	19.311	19.316	0.000	100	78221	0.3922	
76 m-Xylene & p-Xylene	106	19.563	19.557	-0.010	0	85564	1.17	
78 o-Xylene	106	20.344	20.338	0.000	97	38950	0.5741	
79 Styrene	104	20.376	20.381	0.000	100	51003	0.4499	
81 Bromoform	173		20.718				ND	
82 Isopropylbenzene	105	21.007	21.013	0.000	95	23376	0.1163	
83 1,1,2,2-Tetrachloroethane	83		21.531				ND	
85 N-Propylbenzene	91	21.702	21.714	-0.006	98	26048	0.0983	
86 2-Chlorotoluene	91		21.858				ND	MU
87 4-Ethyltoluene	105	21.900	21.906	0.000	98	27493	0.1321	
88 1,3,5-Trimethylbenzene	105	21.991	21.997	0.000	91	23367	0.1313	
91 tert-Butylbenzene	119		22.467				ND	
92 1,2,4-Trimethylbenzene	105	22.553	22.559	0.000	96	91854	0.5038	
93 sec-Butylbenzene	105		22.783				ND	MU
94 1,3-Dichlorobenzene	146		22.960				ND	7
95 4-Isopropyltoluene	119		22.997				ND	MU
96 1,4-Dichlorobenzene	146	23.099	23.105	0.000	87	1940	0.0160	
97 Benzyl chloride	91		23.254				ND	MU
98 n-Butylbenzene	91		23.559				ND	MU
99 1,2-Dichlorobenzene	146		23.607				ND	
102 1,2,4-Trichlorobenzene	180		26.111				ND	
103 Hexachlorobutadiene	225		26.357				ND	
104 Naphthalene	128		26.614				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

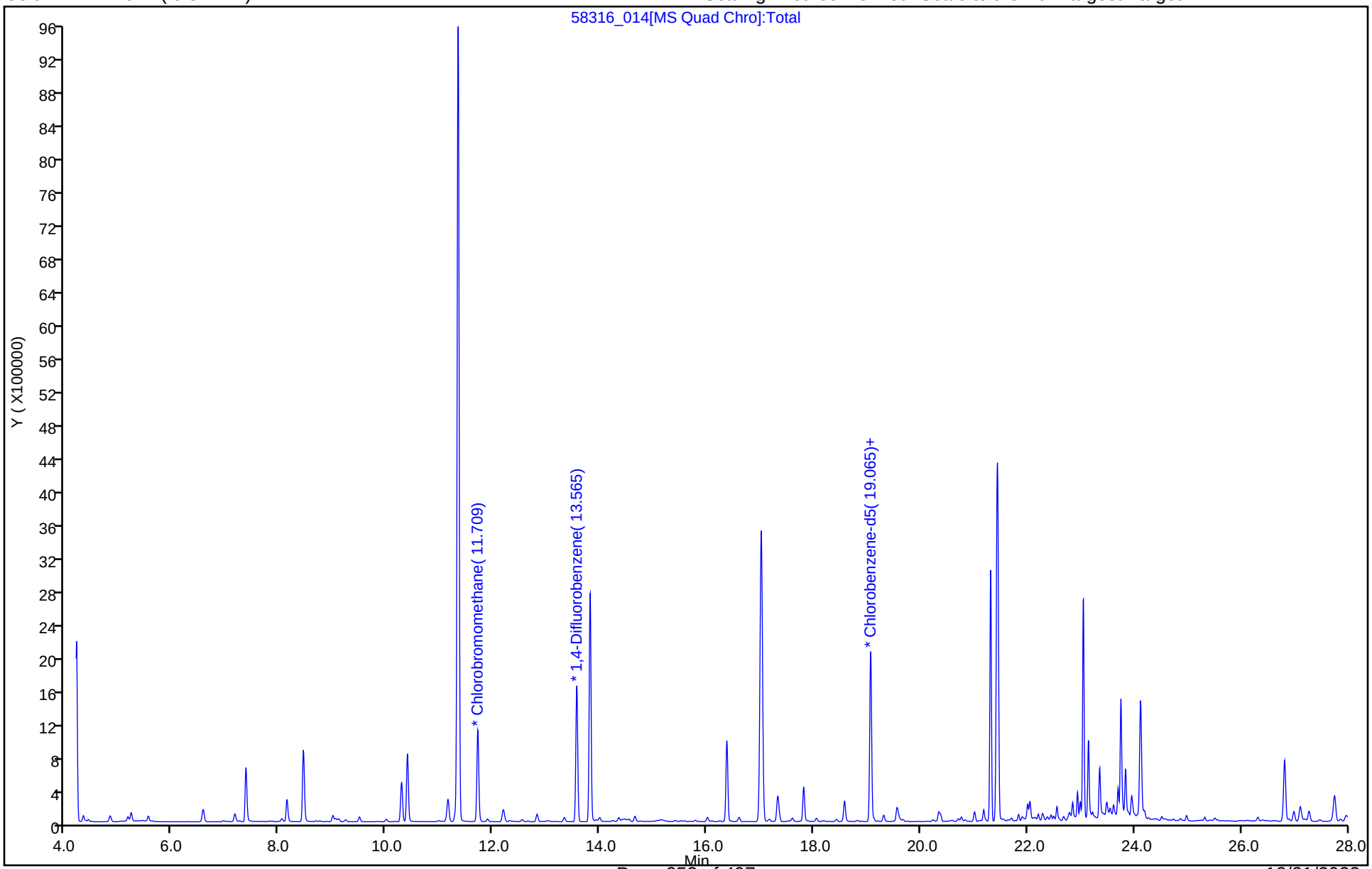
ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 21-Dec-2023 07:34:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3	Worklist Smp#:	14
Client ID:	SVES-EFF-08_20231218				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

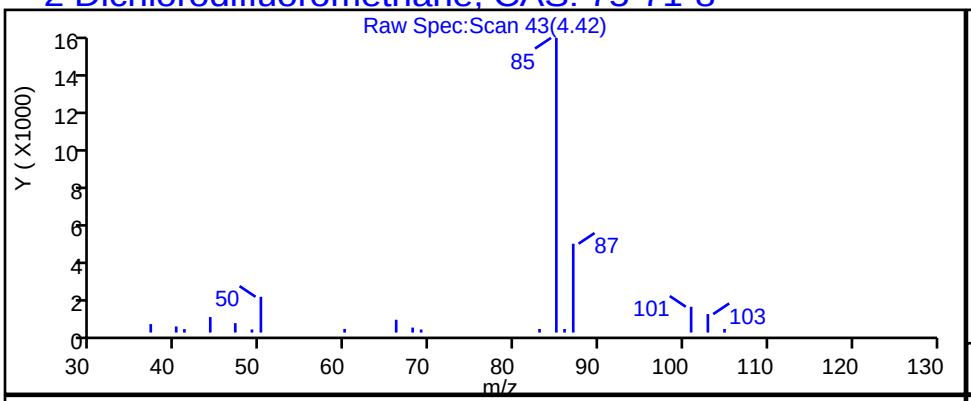
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

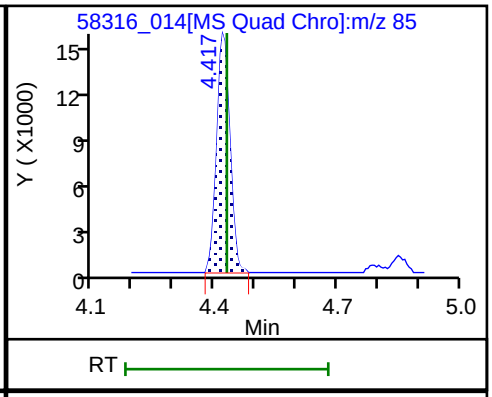


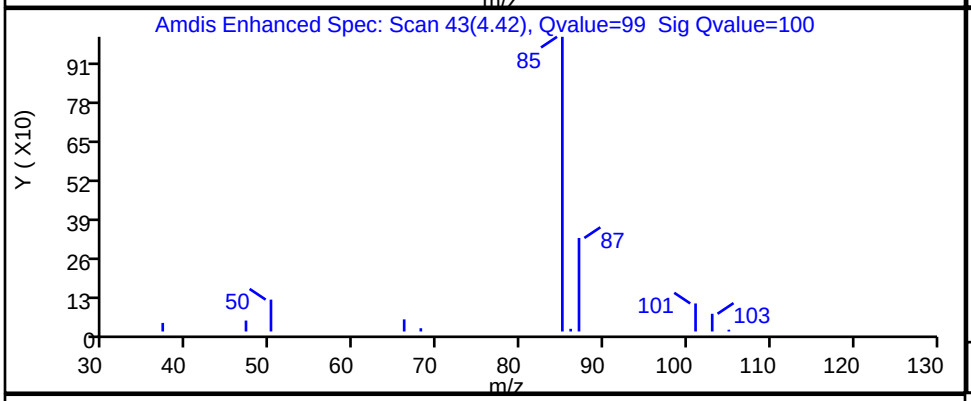
Eurofins Burlington

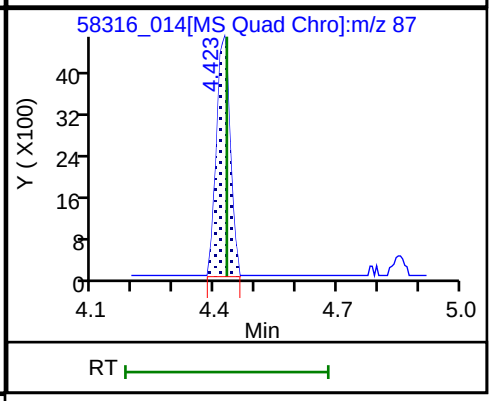
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

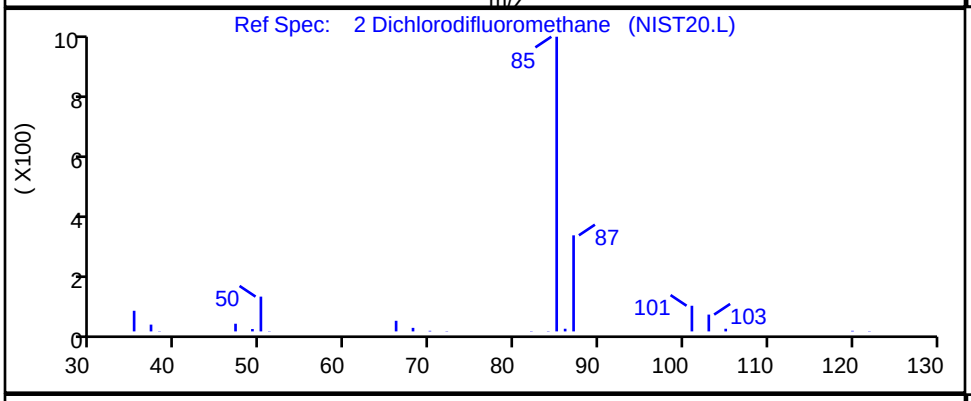
2 Dichlorodifluoromethane, CAS: 75-71-8

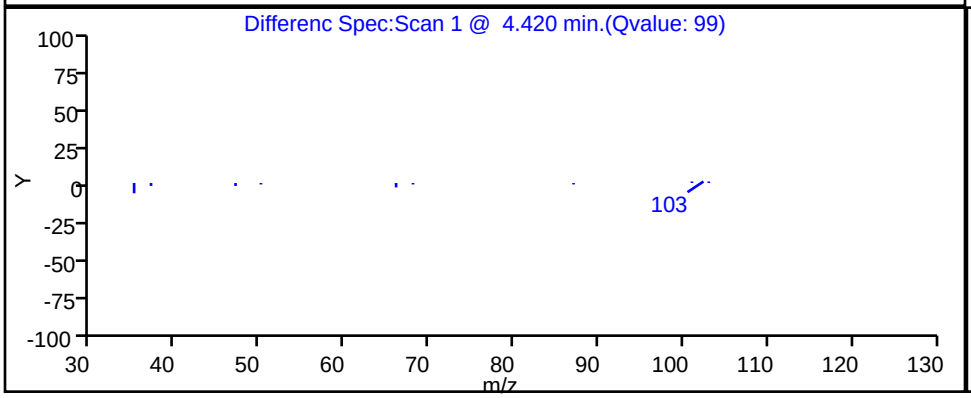


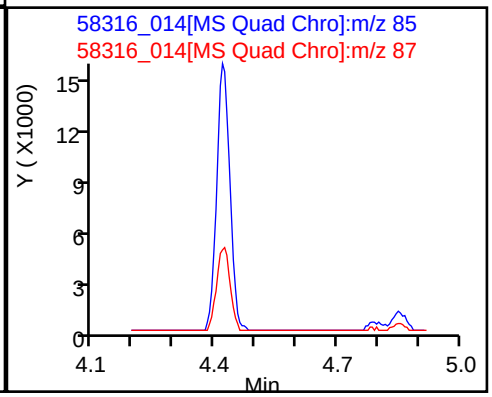








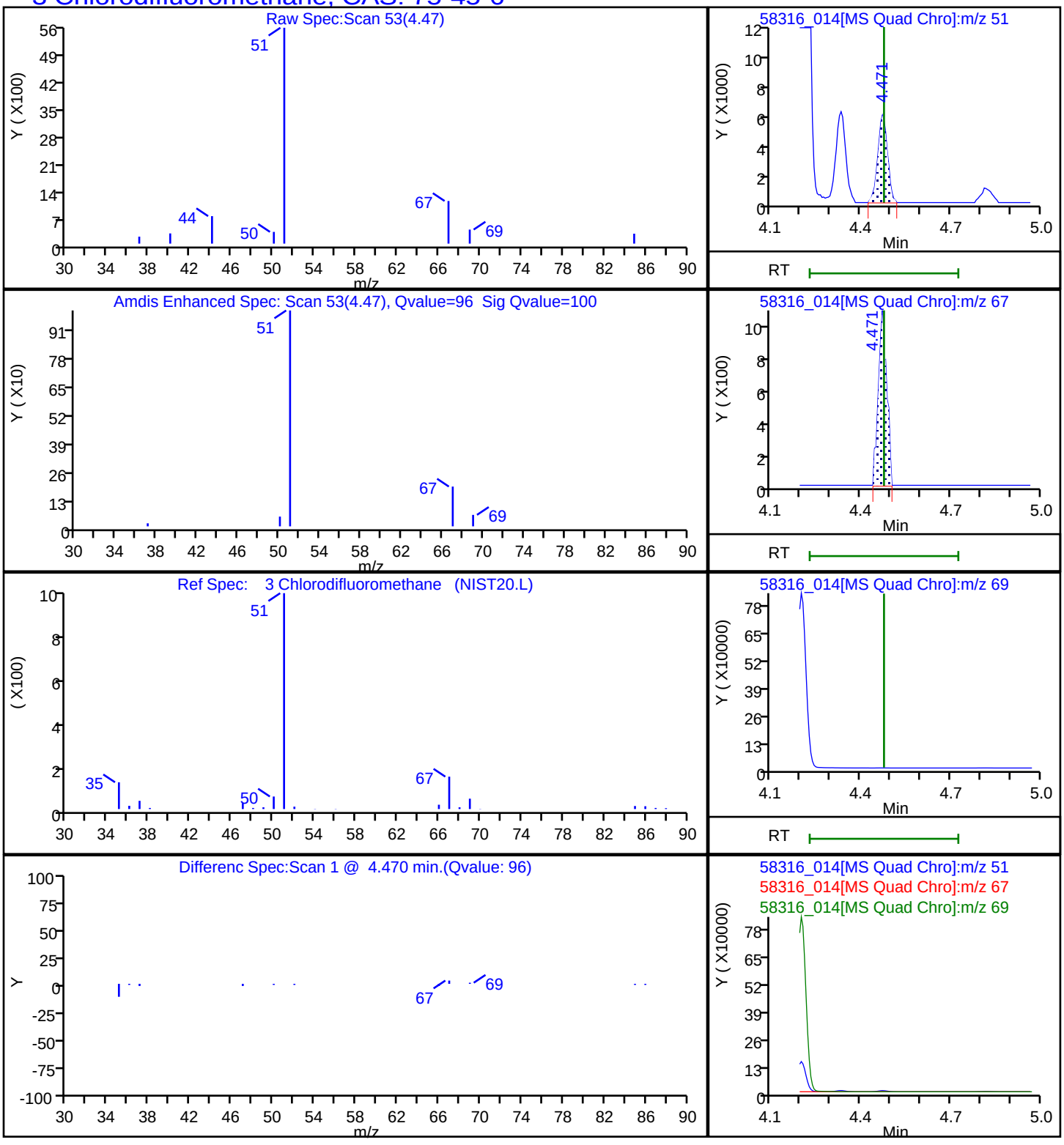




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

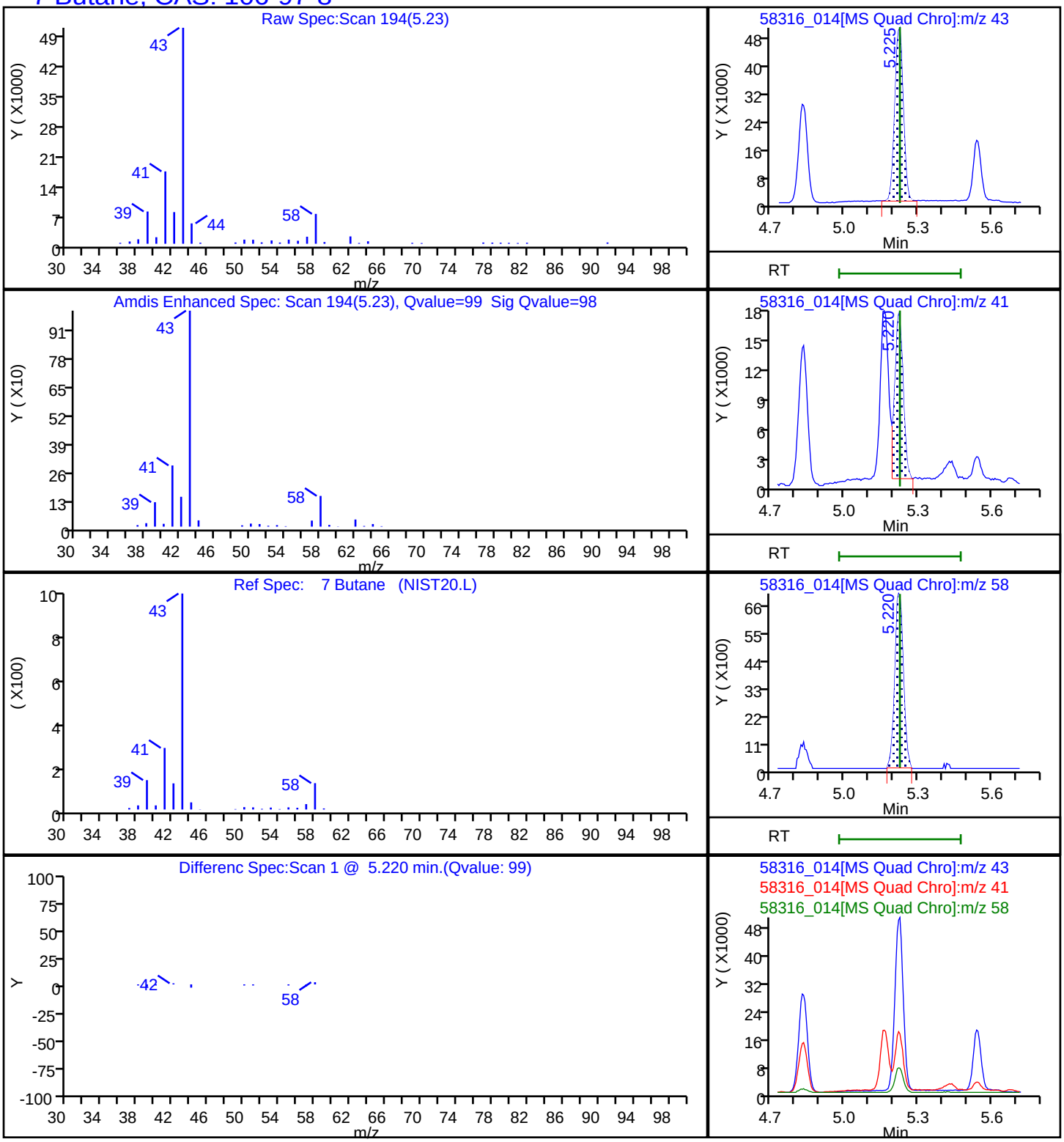
3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

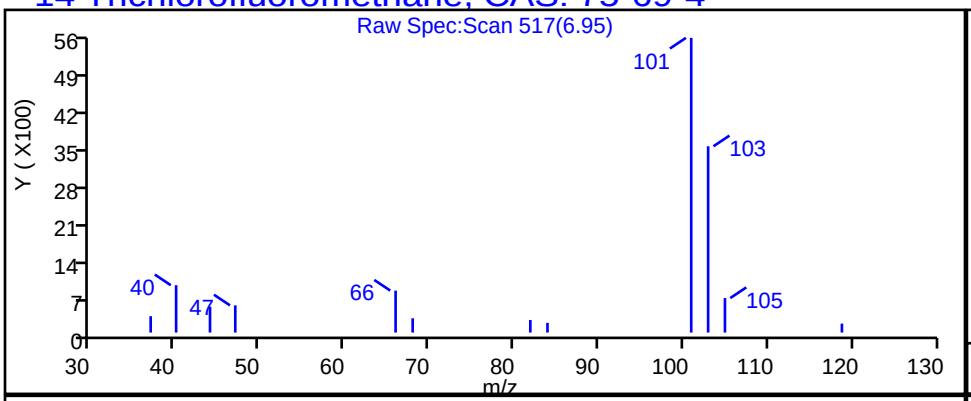
7 Butane, CAS: 106-97-8

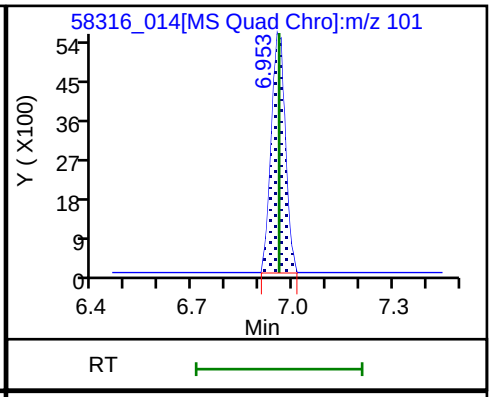


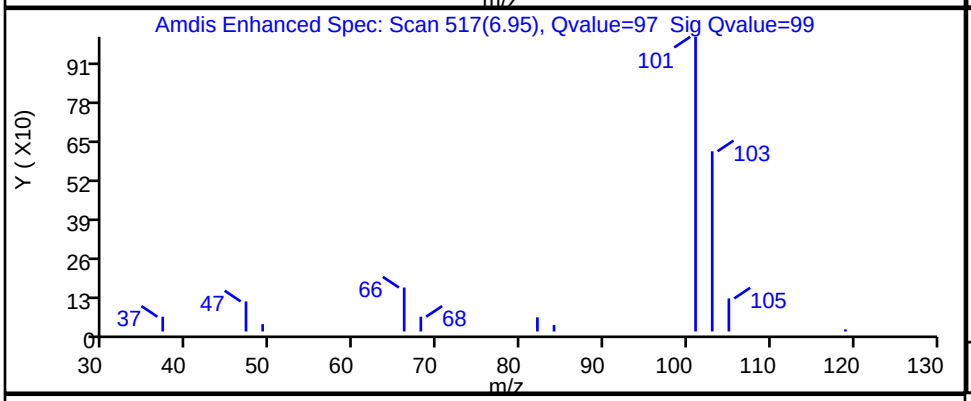
Eurofins Burlington

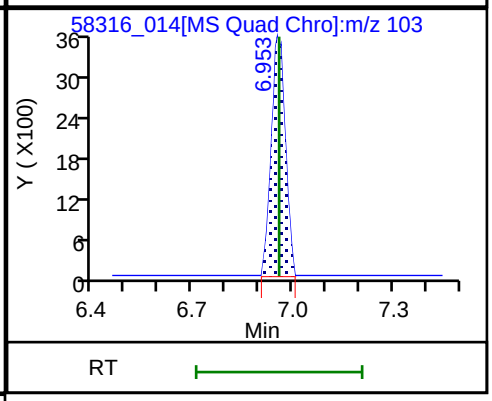
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

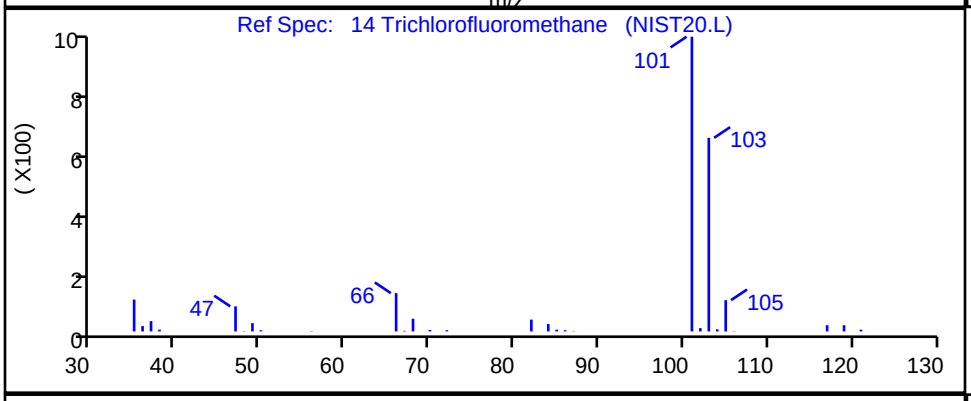
14 Trichlorofluoromethane, CAS: 75-69-4

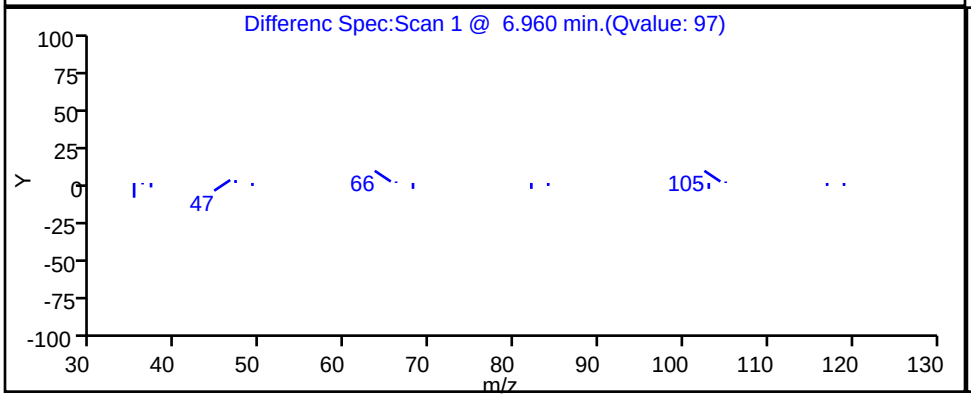


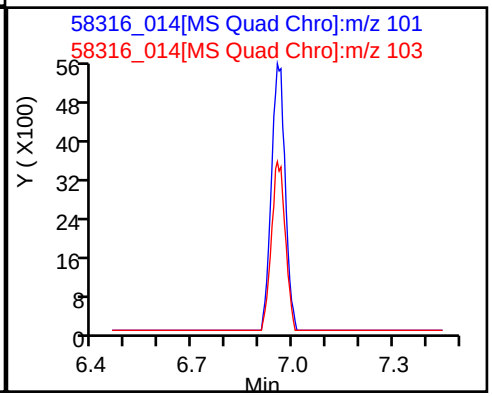








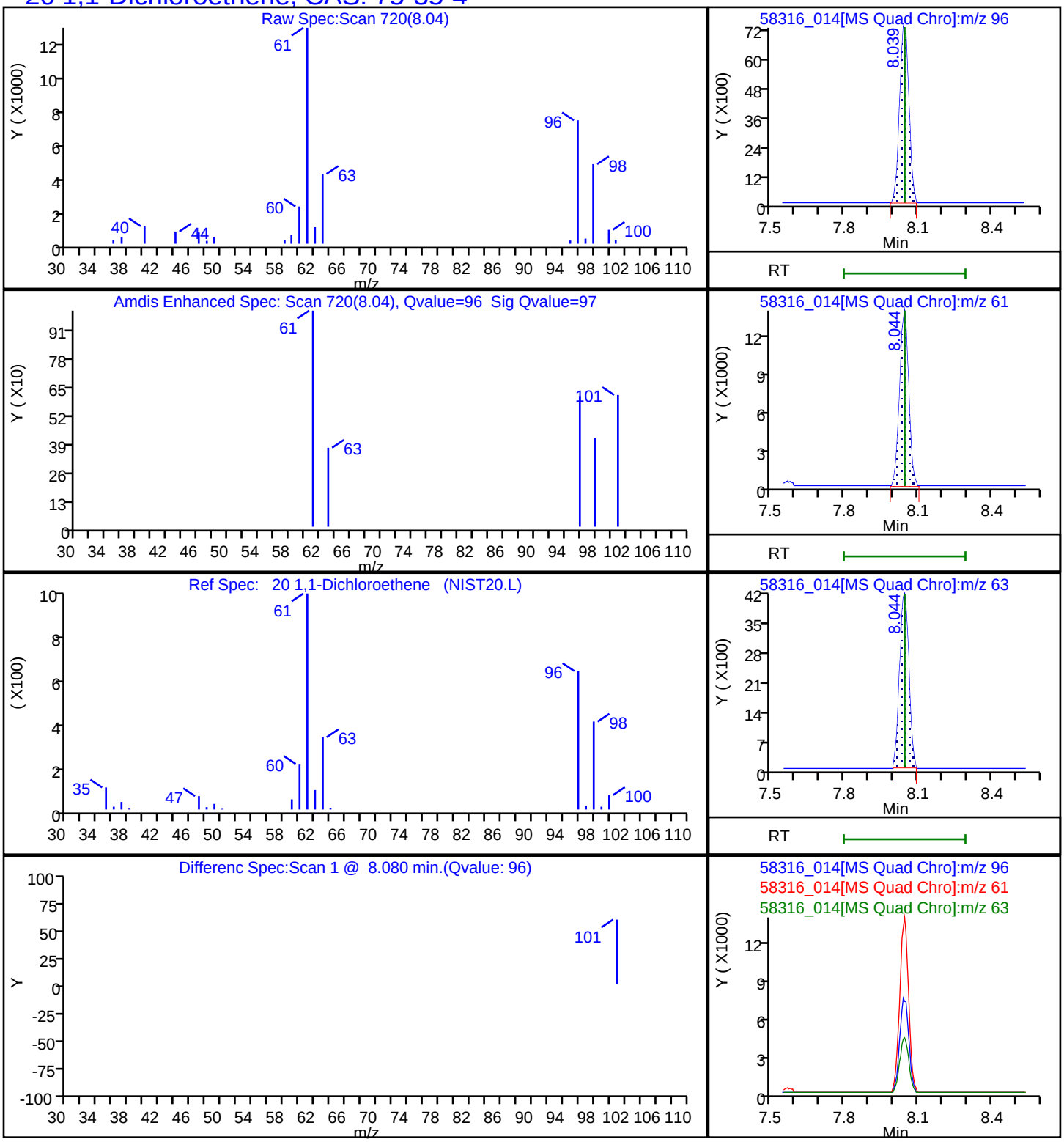




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

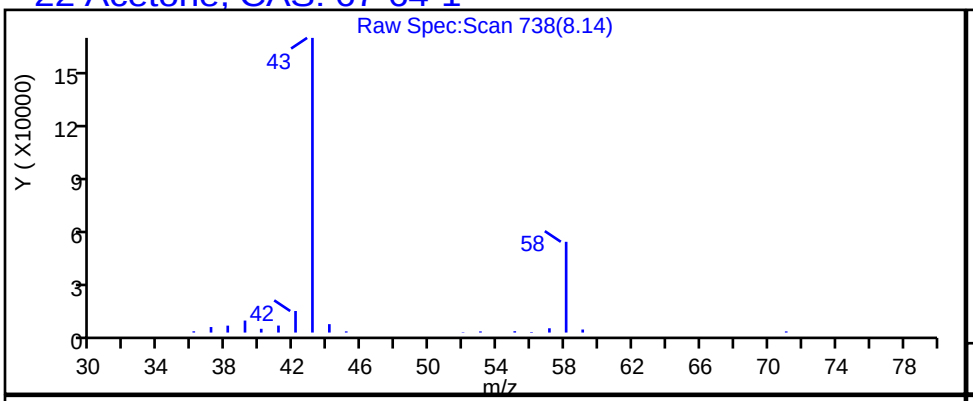
20 1,1-Dichloroethene, CAS: 75-35-4

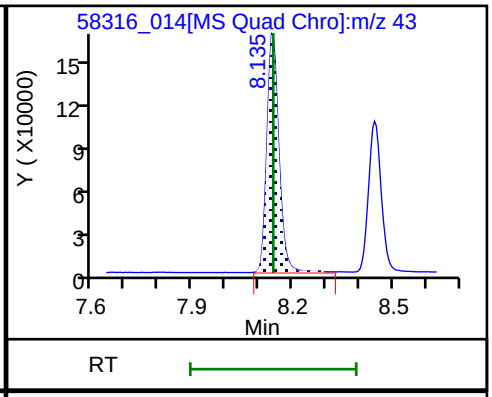


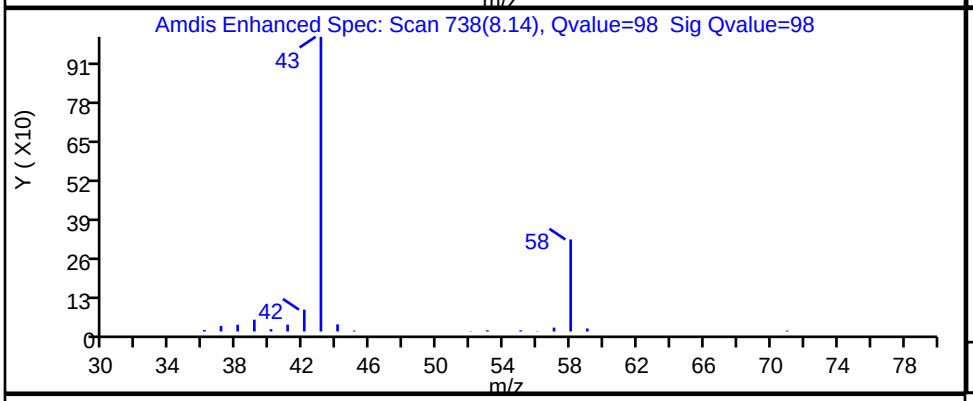
Eurofins Burlington

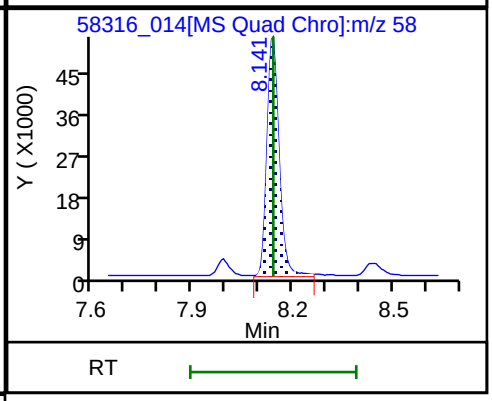
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

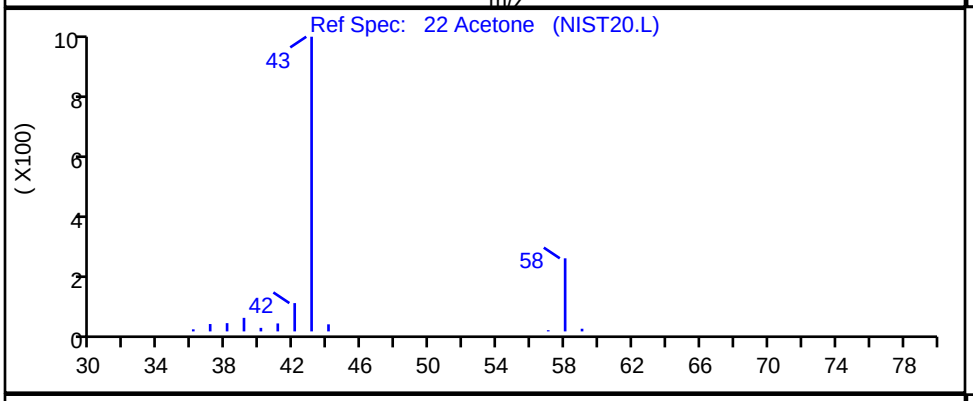
22 Acetone, CAS: 67-64-1

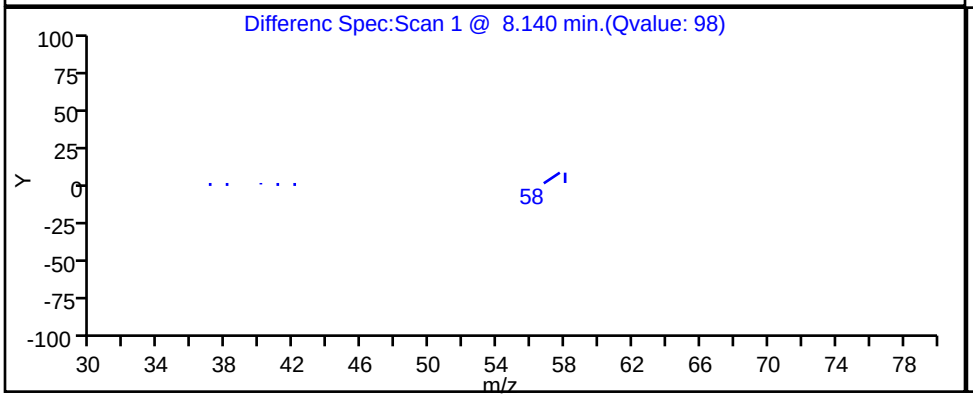


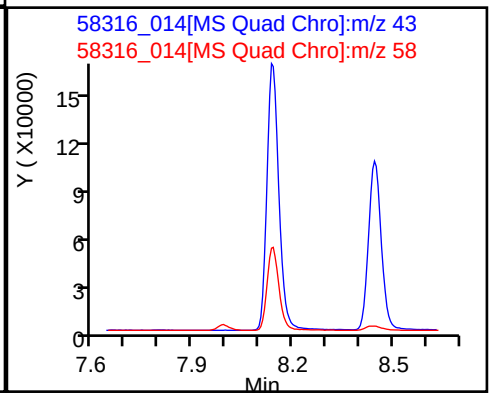








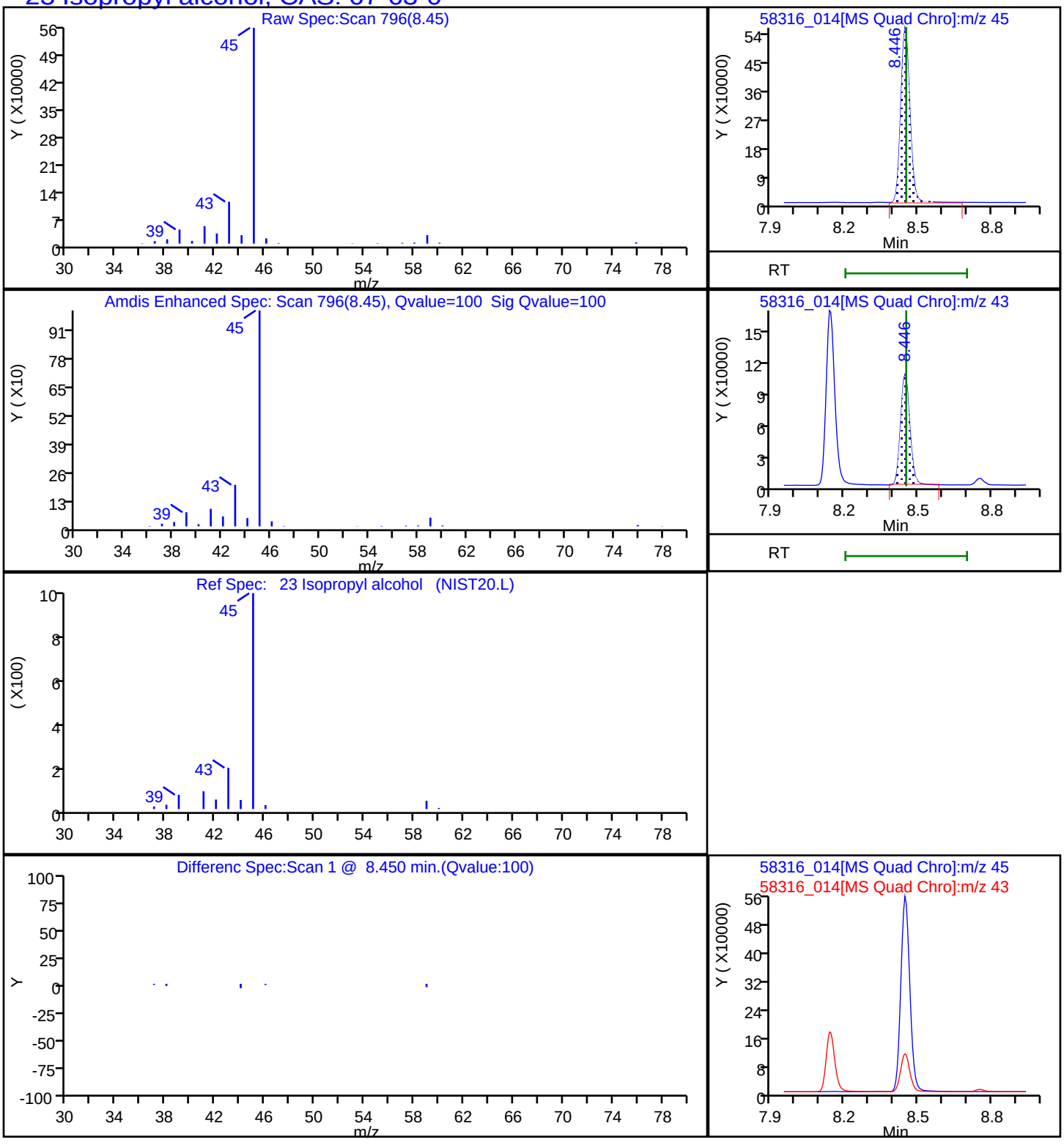




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

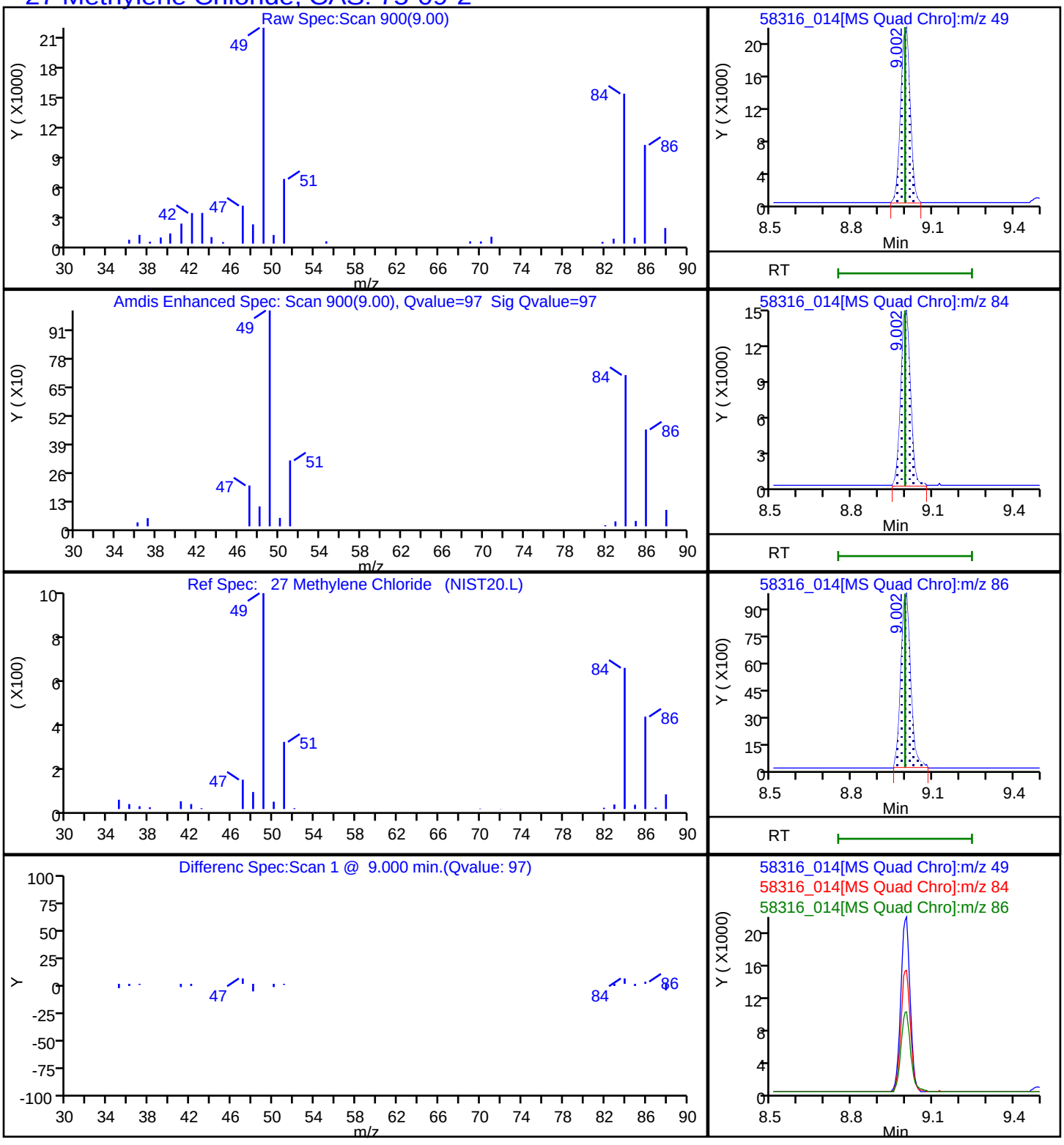
23 Isopropyl alcohol, CAS: 67-63-0



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

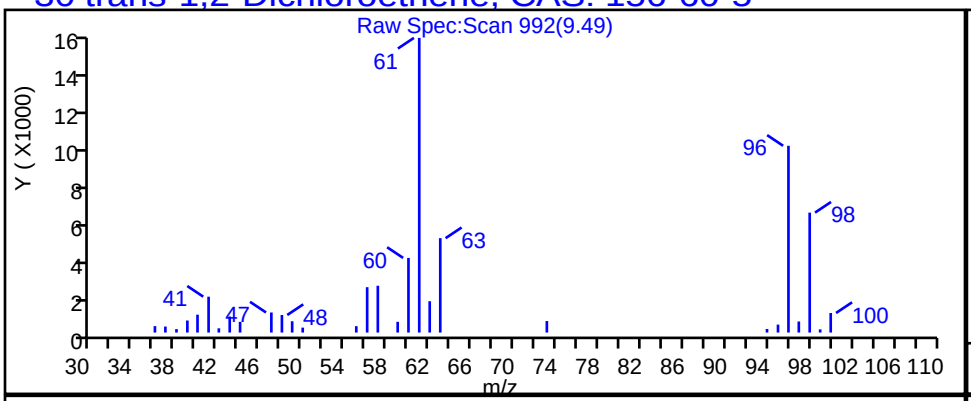
27 Methylene Chloride, CAS: 75-09-2

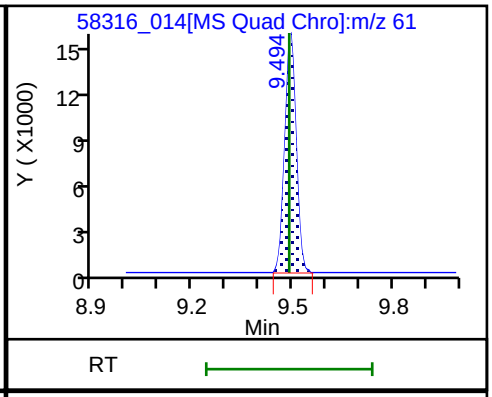


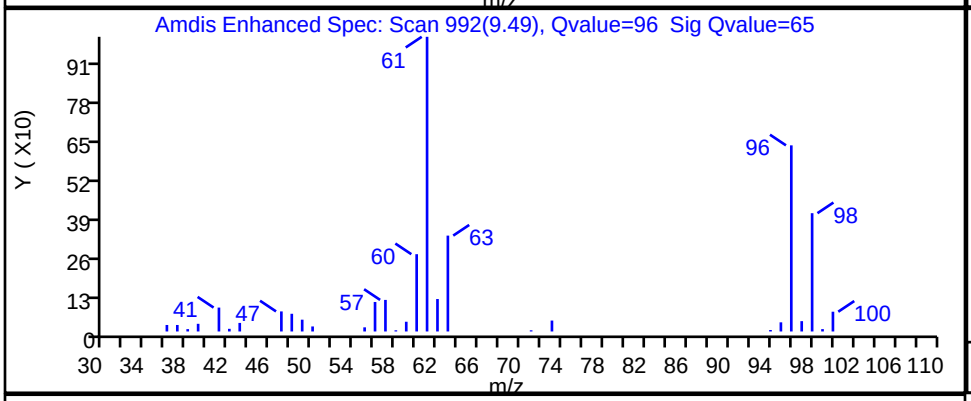
Eurofins Burlington

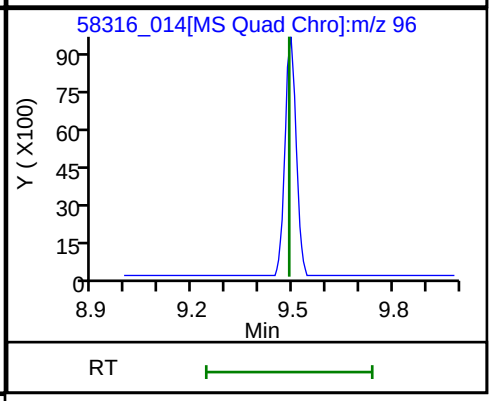
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

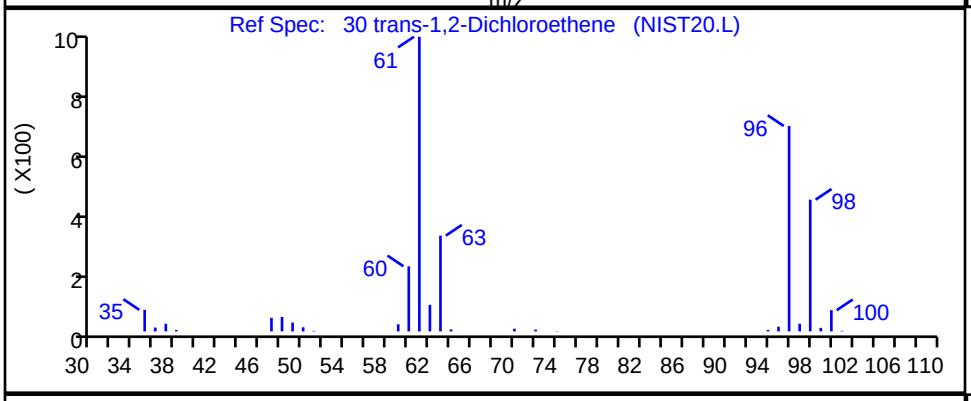
30 trans-1,2-Dichloroethene, CAS: 156-60-5

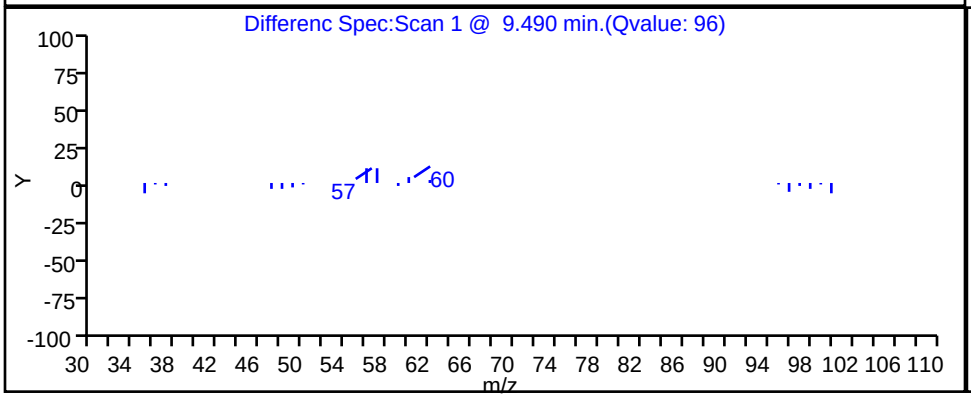


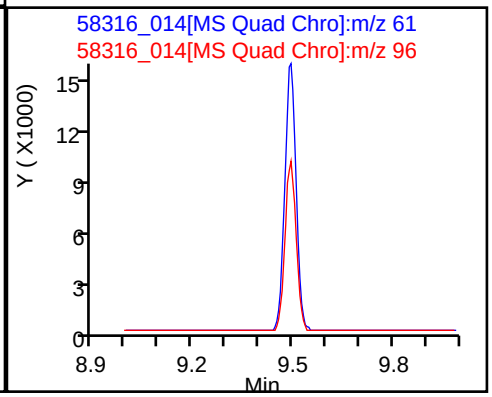








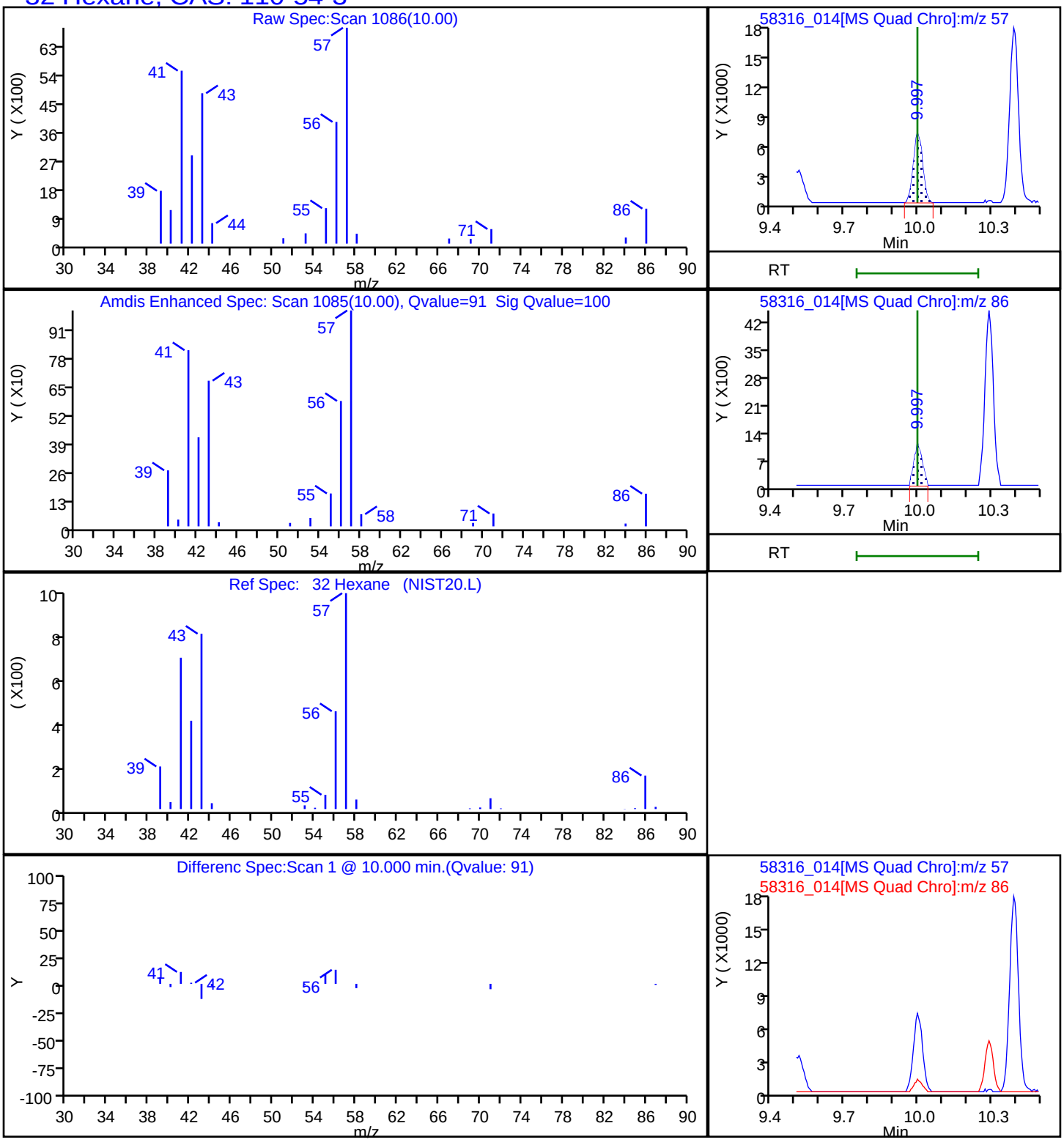




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

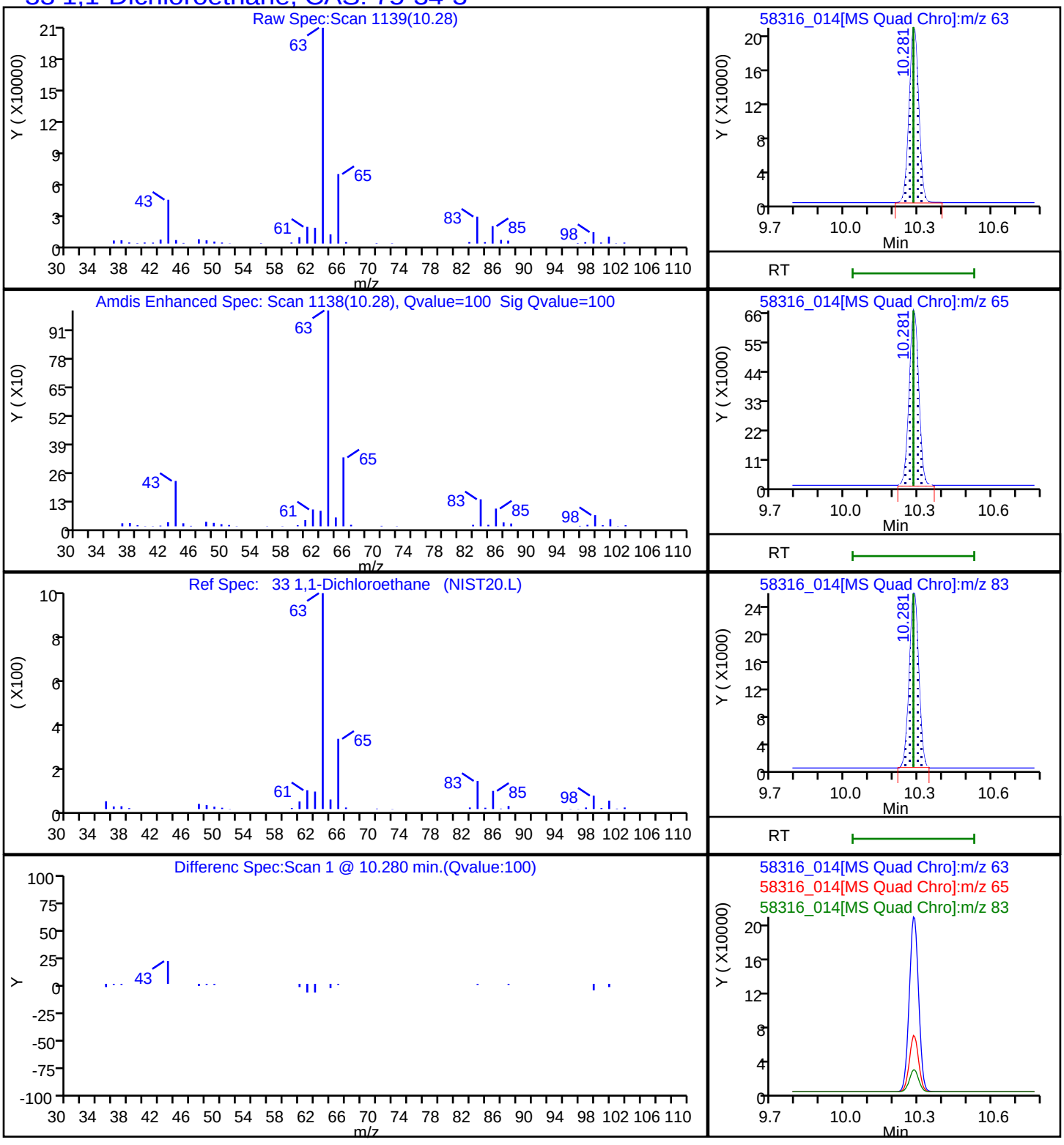
32 Hexane, CAS: 110-54-3



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

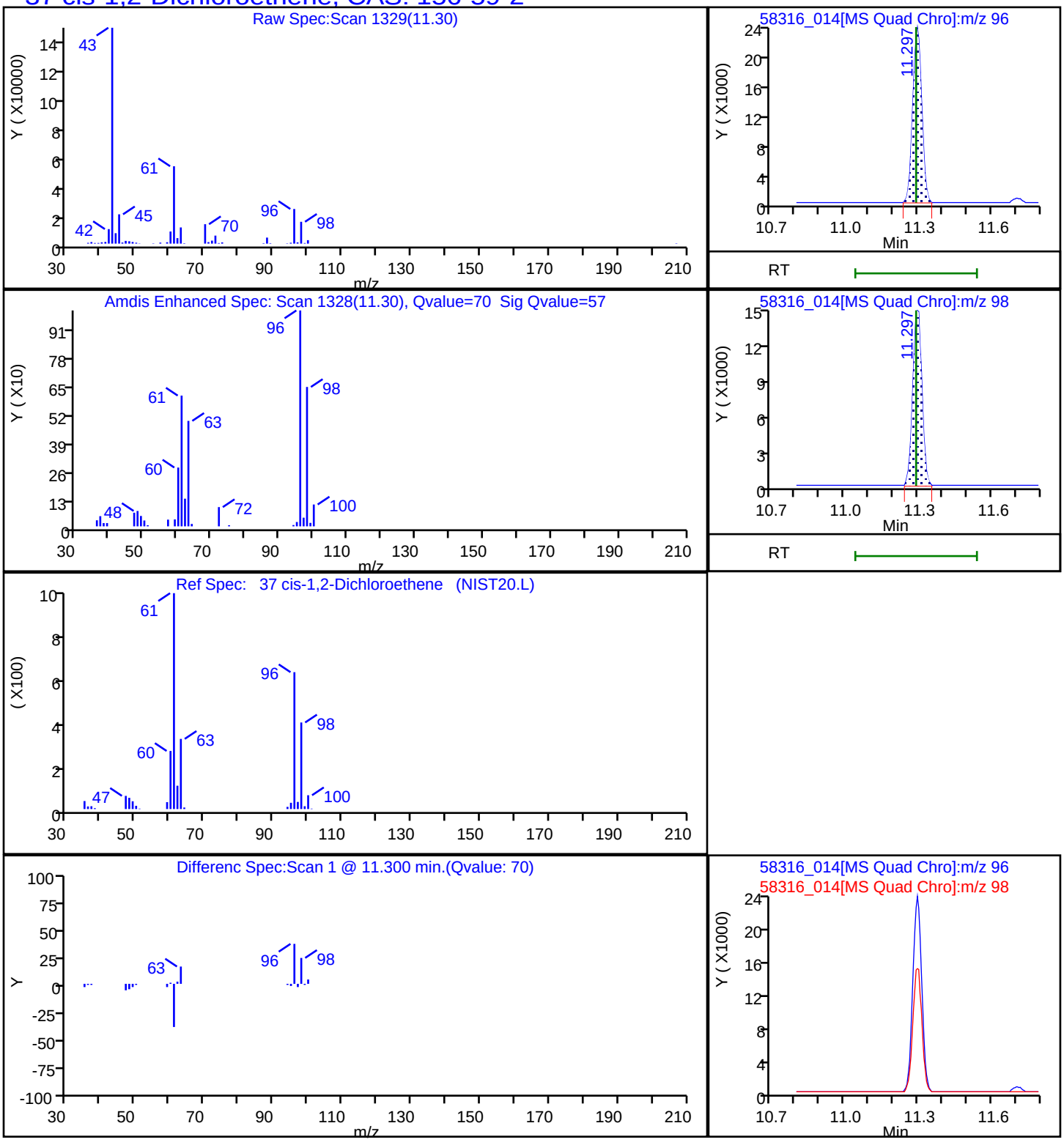
33 1,1-Dichloroethane, CAS: 75-34-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D
Injection Date: 20-Dec-2023 19:06:49 Instrument ID: CHAM.i
Lims ID: 200-71332-A-3 Lab Sample ID: 200-71332-3
Client ID: SVES-EFF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

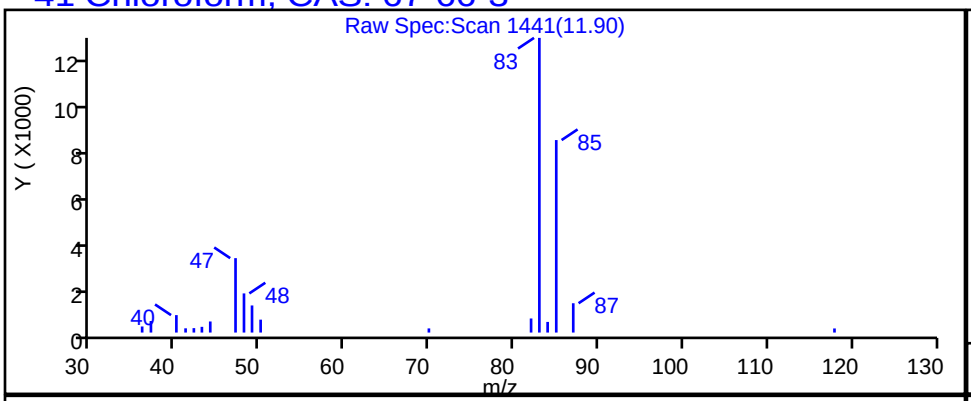
37 cis-1,2-Dichloroethene, CAS: 156-59-2

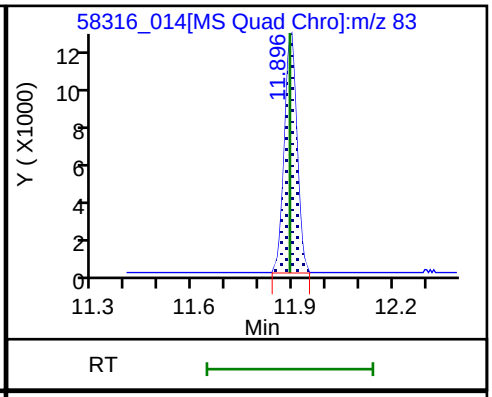


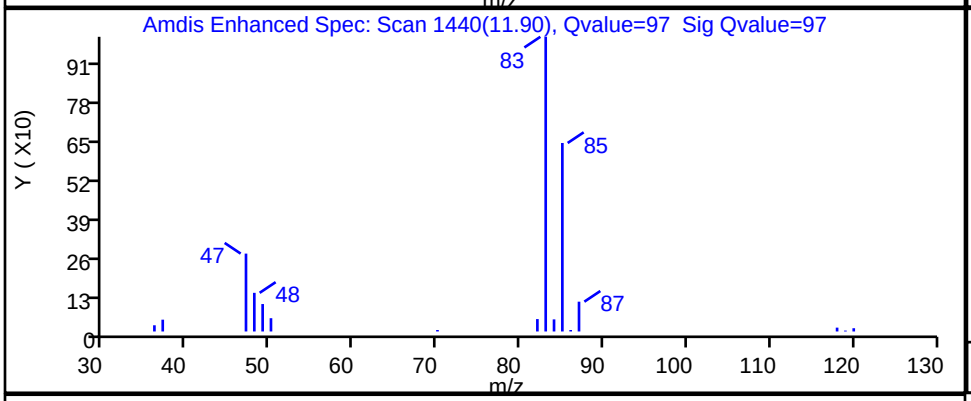
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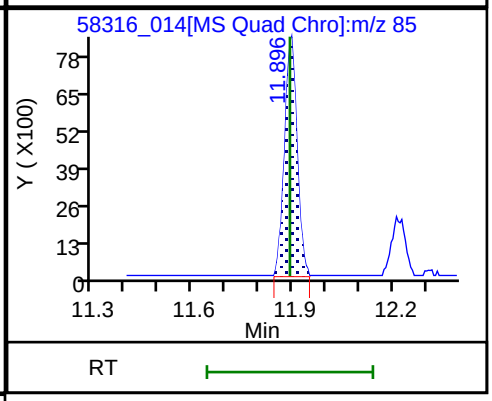
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

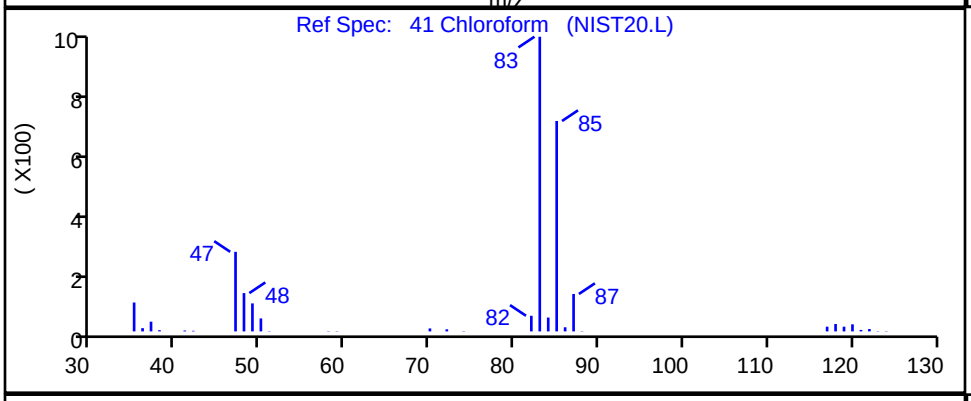
41 Chloroform, CAS: 67-66-3

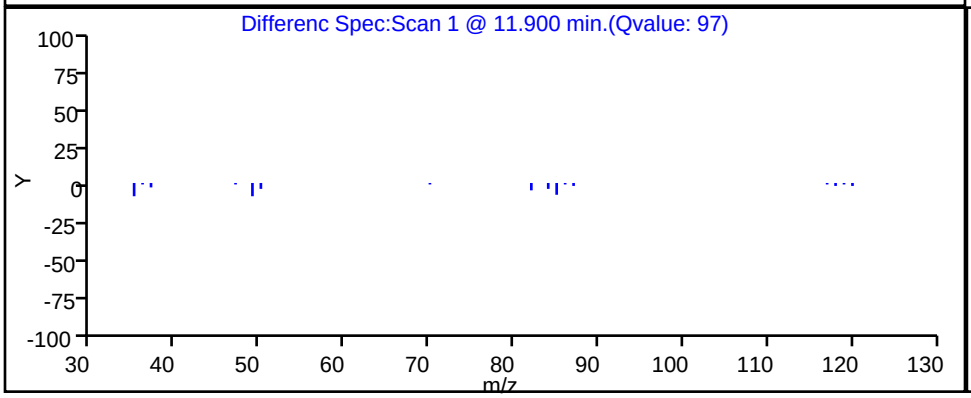


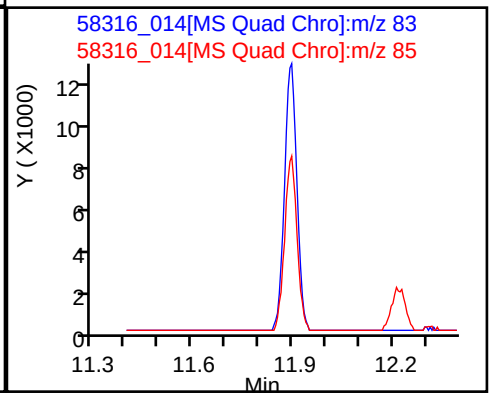








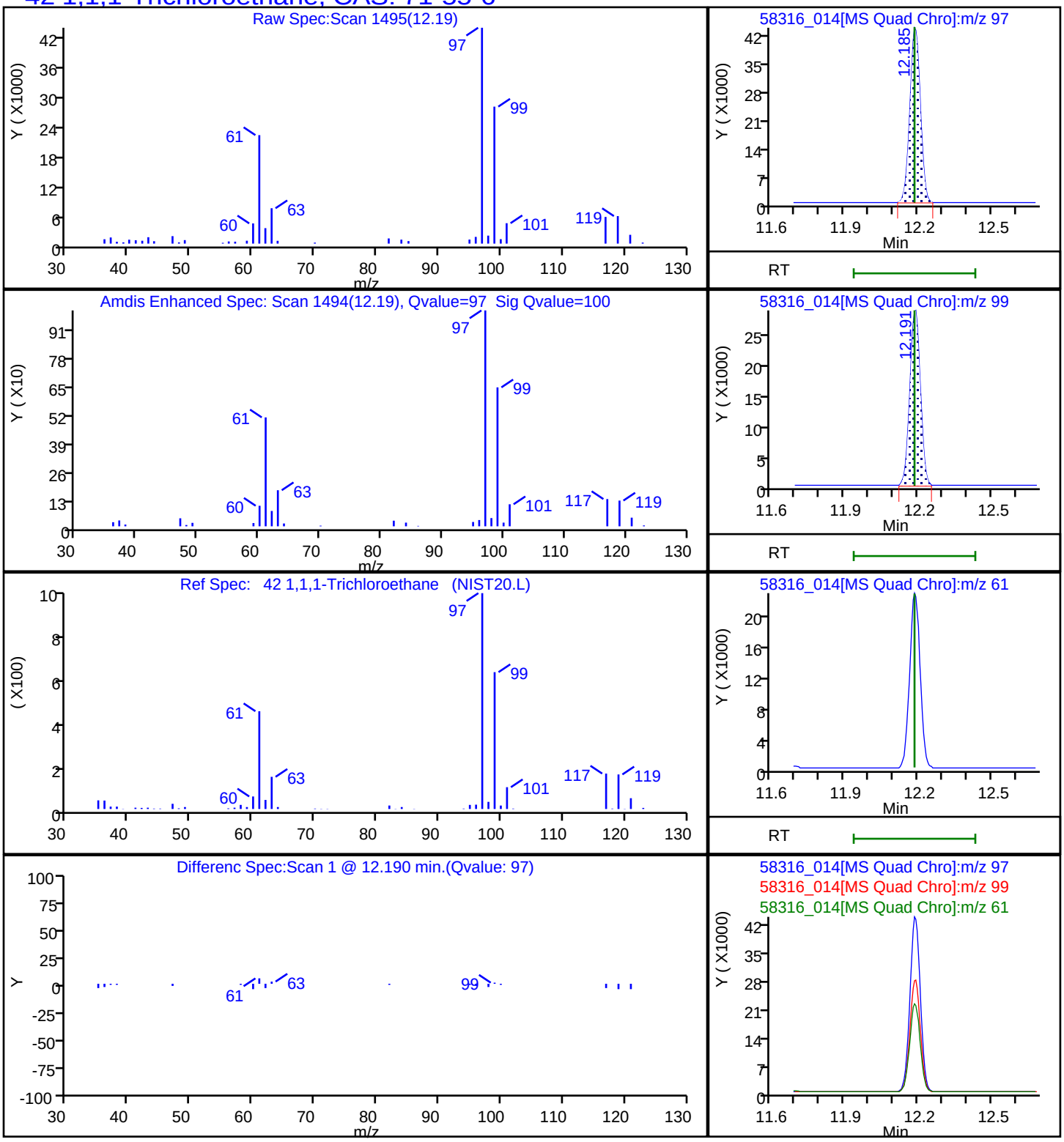




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Lims ID: 200-71332-A-3 Lab Sample ID: 200-71332-3
Client ID: SVES-EFF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

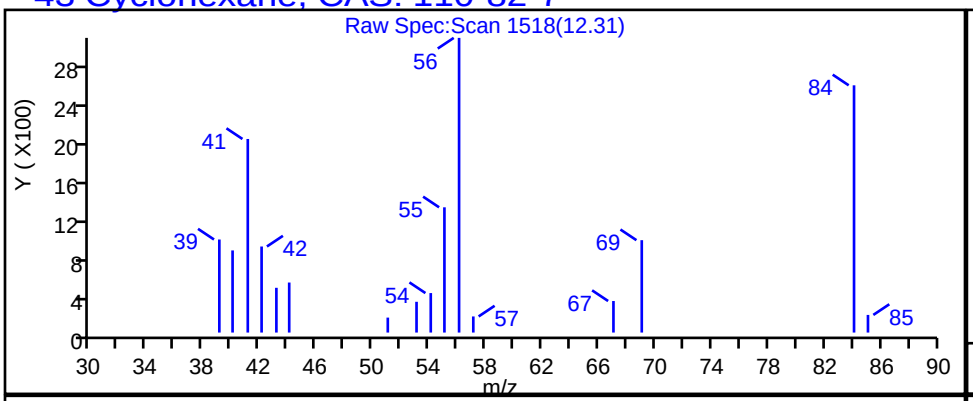
42 1,1,1-Trichloroethane, CAS: 71-55-6

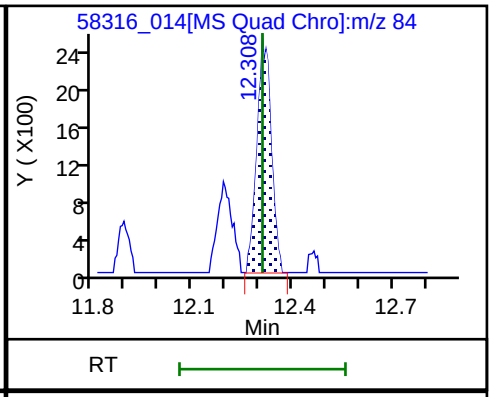


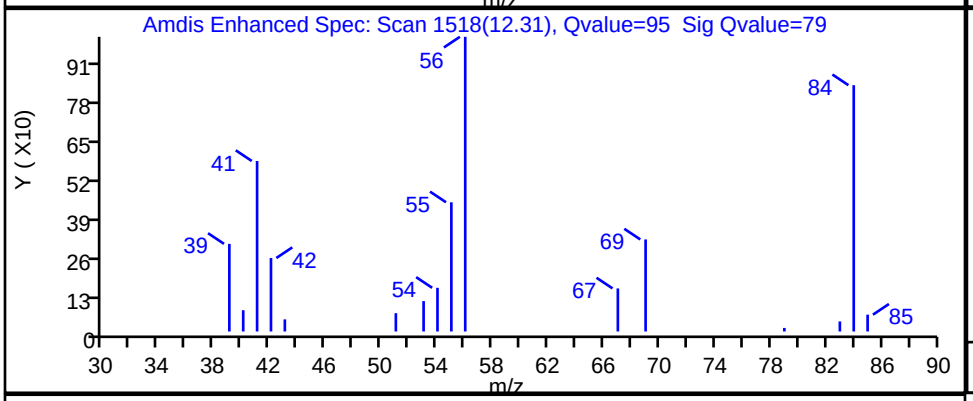
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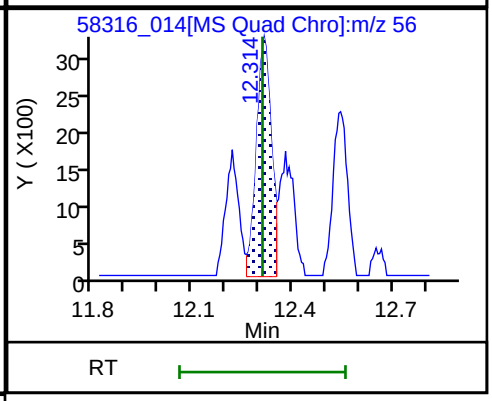
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

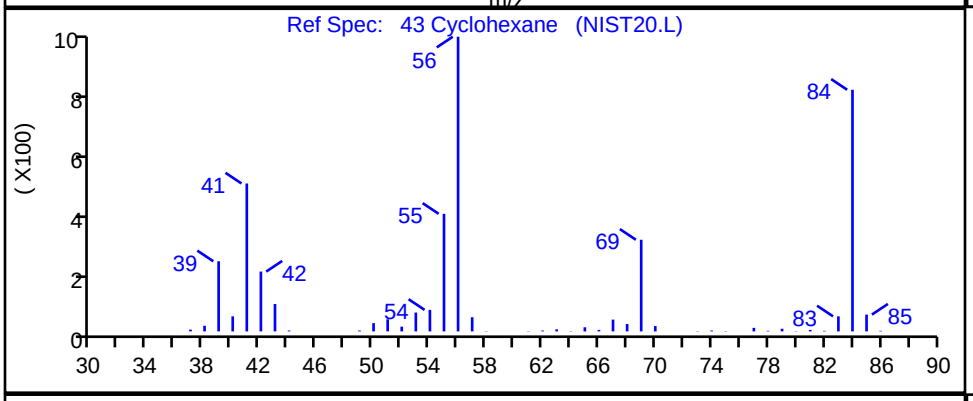
43 Cyclohexane, CAS: 110-82-7

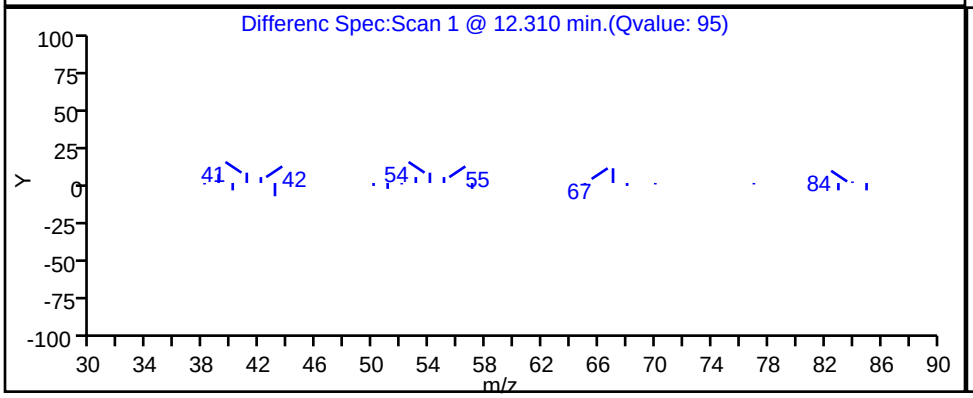


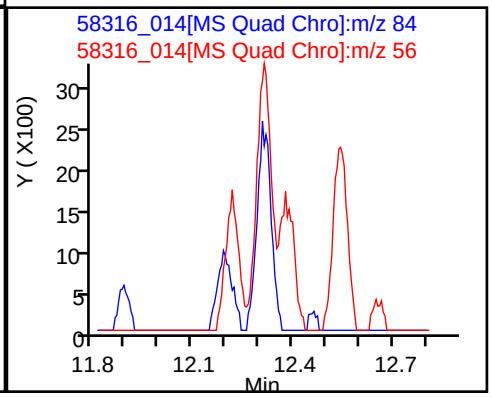








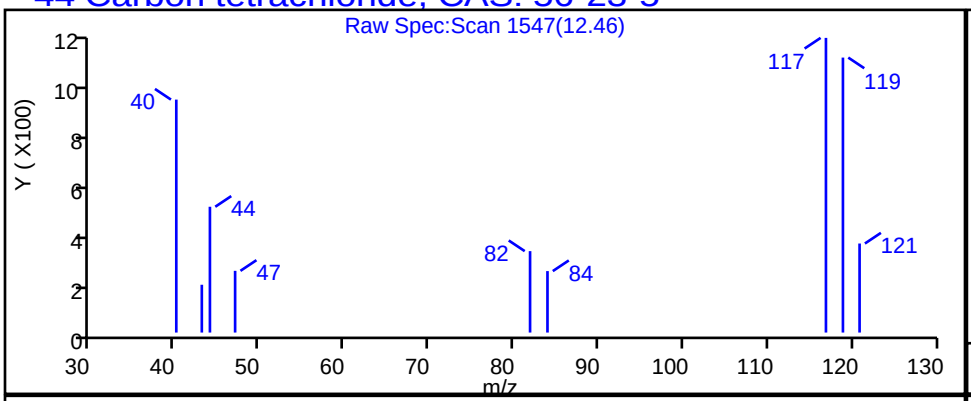


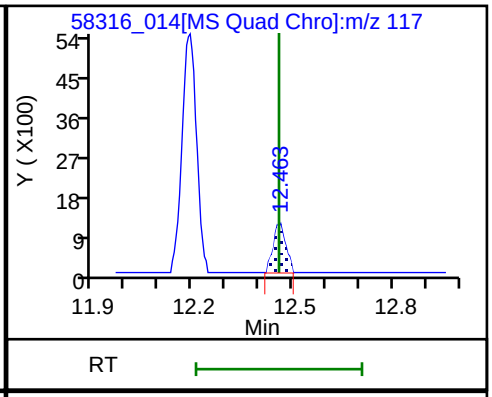


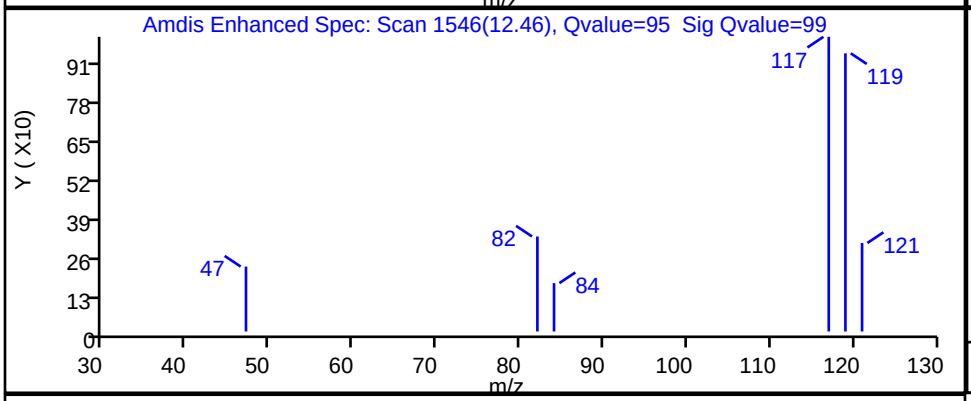
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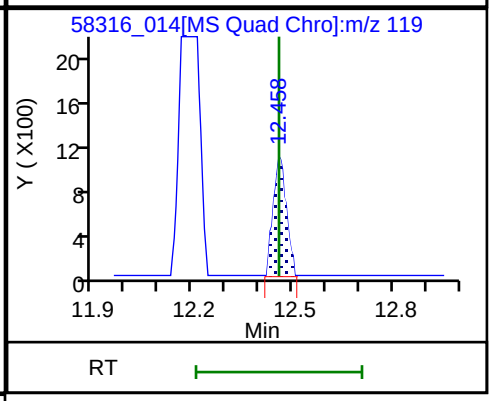
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

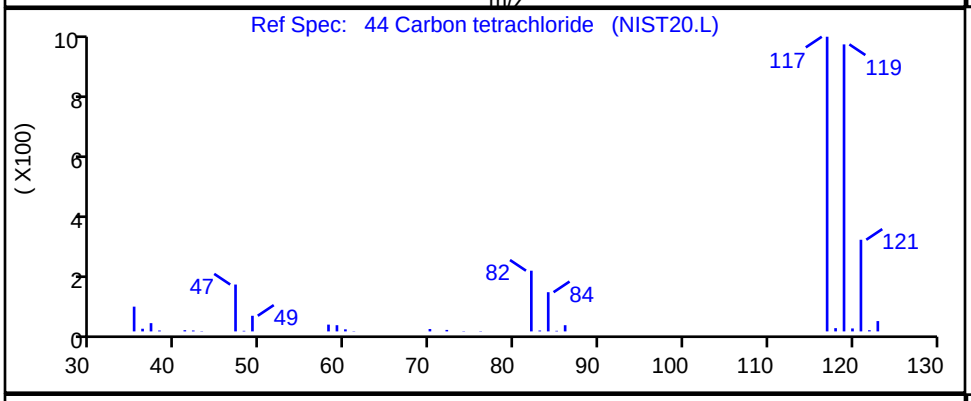
44 Carbon tetrachloride, CAS: 56-23-5

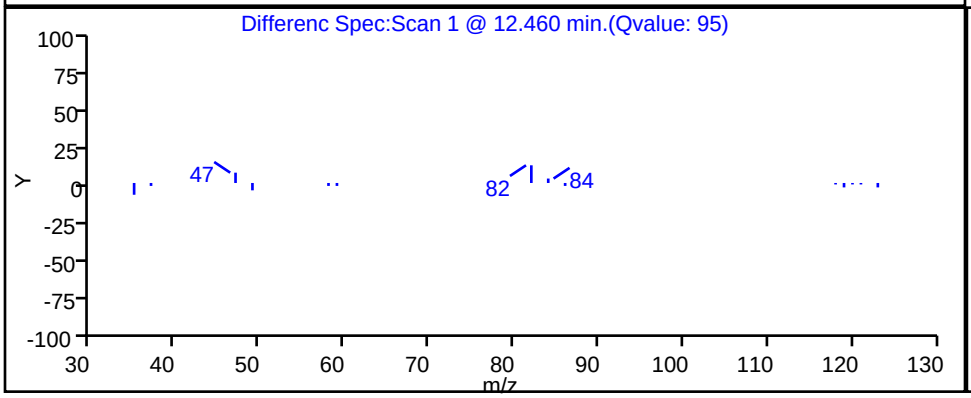


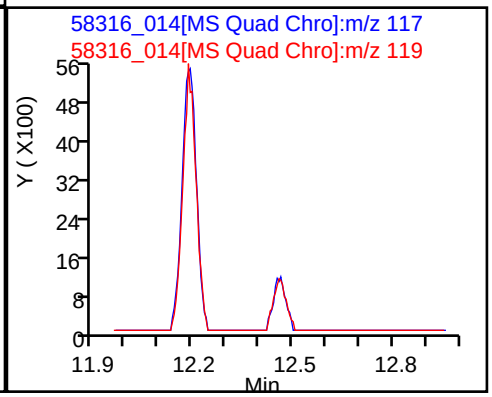








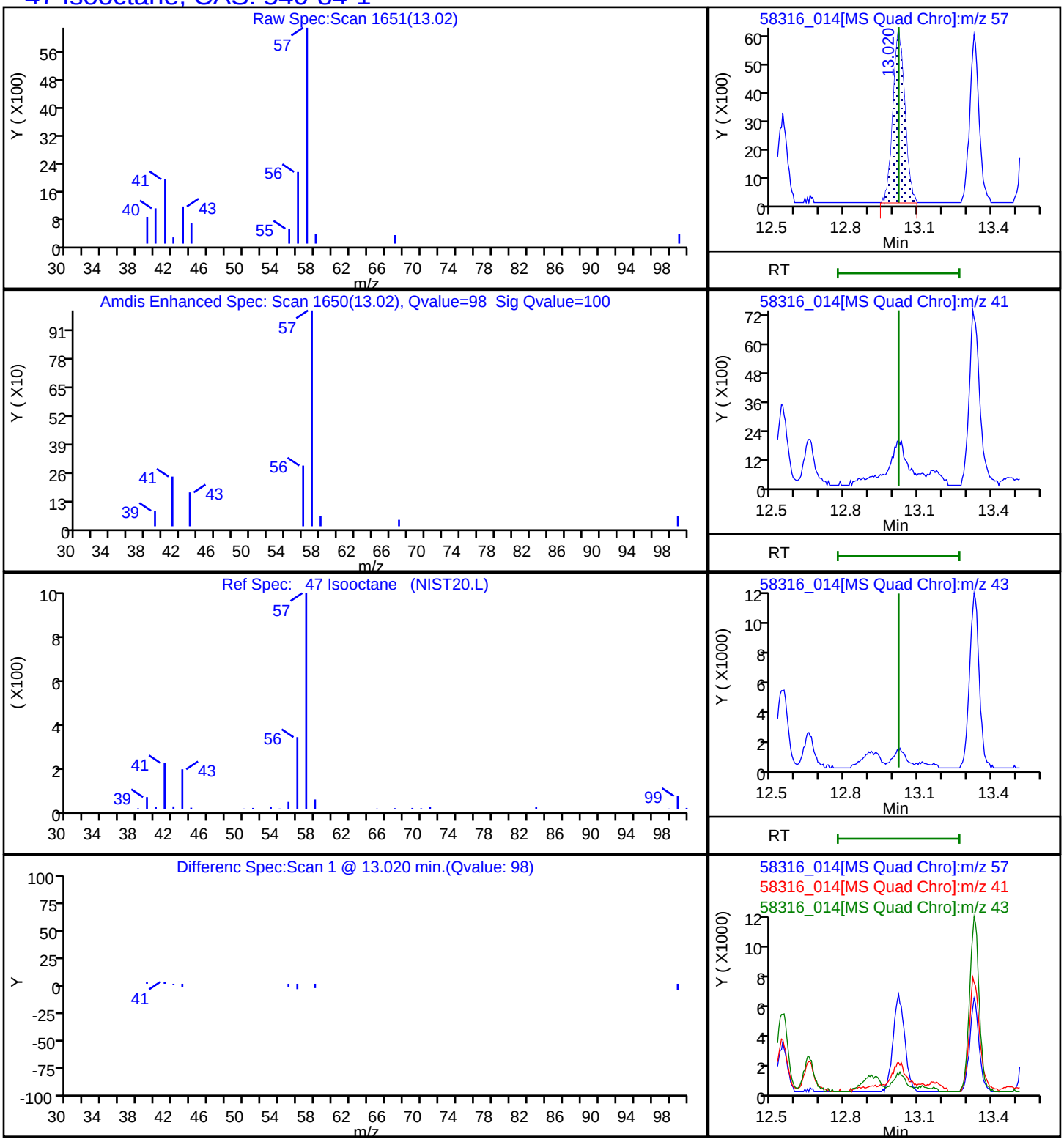




Eurofins Burlington

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Injection Date: 20-Dec-2023 19:06:49 Instrument ID: CHAM.i
Lims ID: 200-71332-A-3 Lab Sample ID: 200-71332-3
Client ID: SVES-EFF-08_20231218
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 Isooctane, CAS: 540-84-1



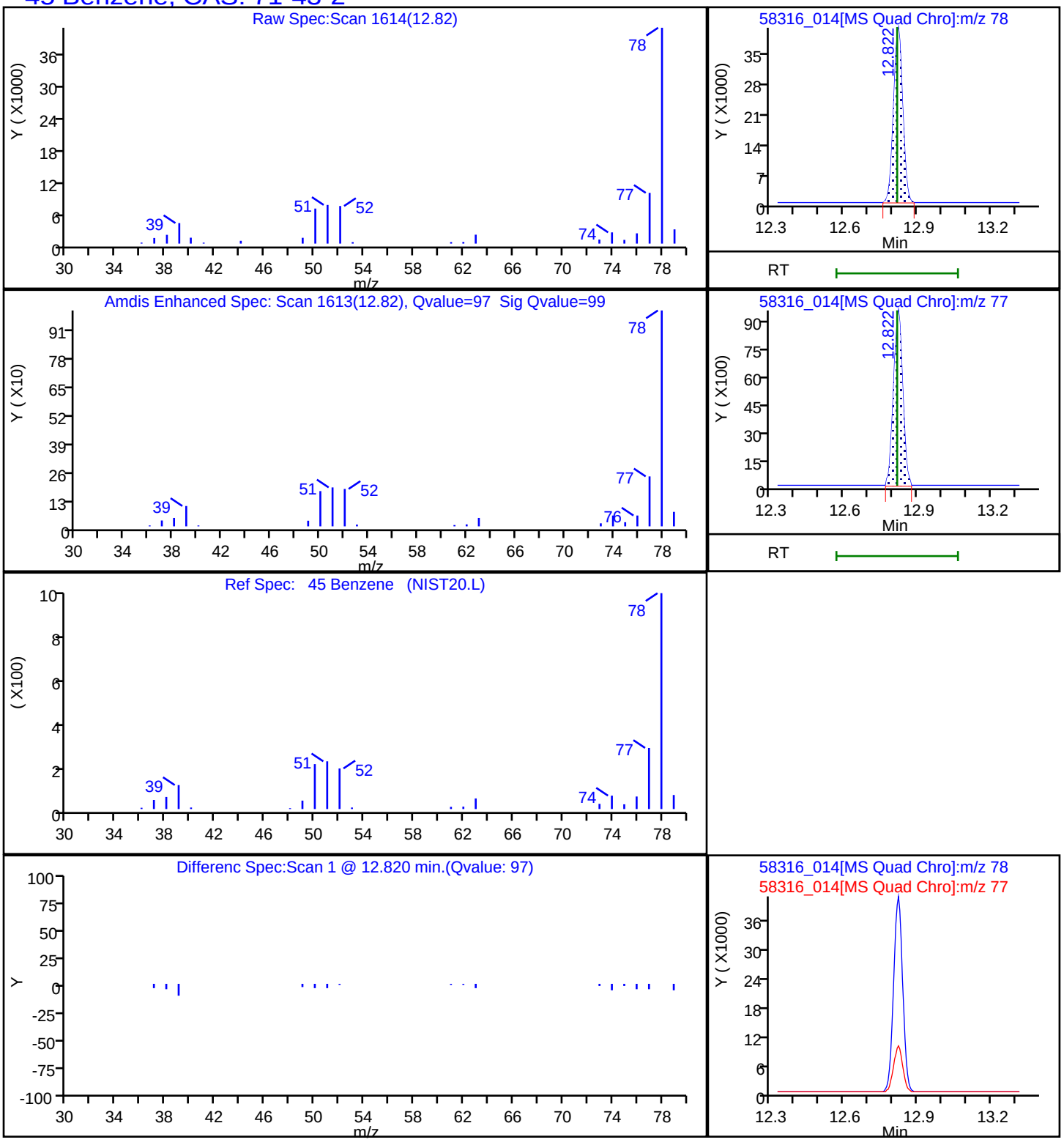
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Eurofins Burlington

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Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

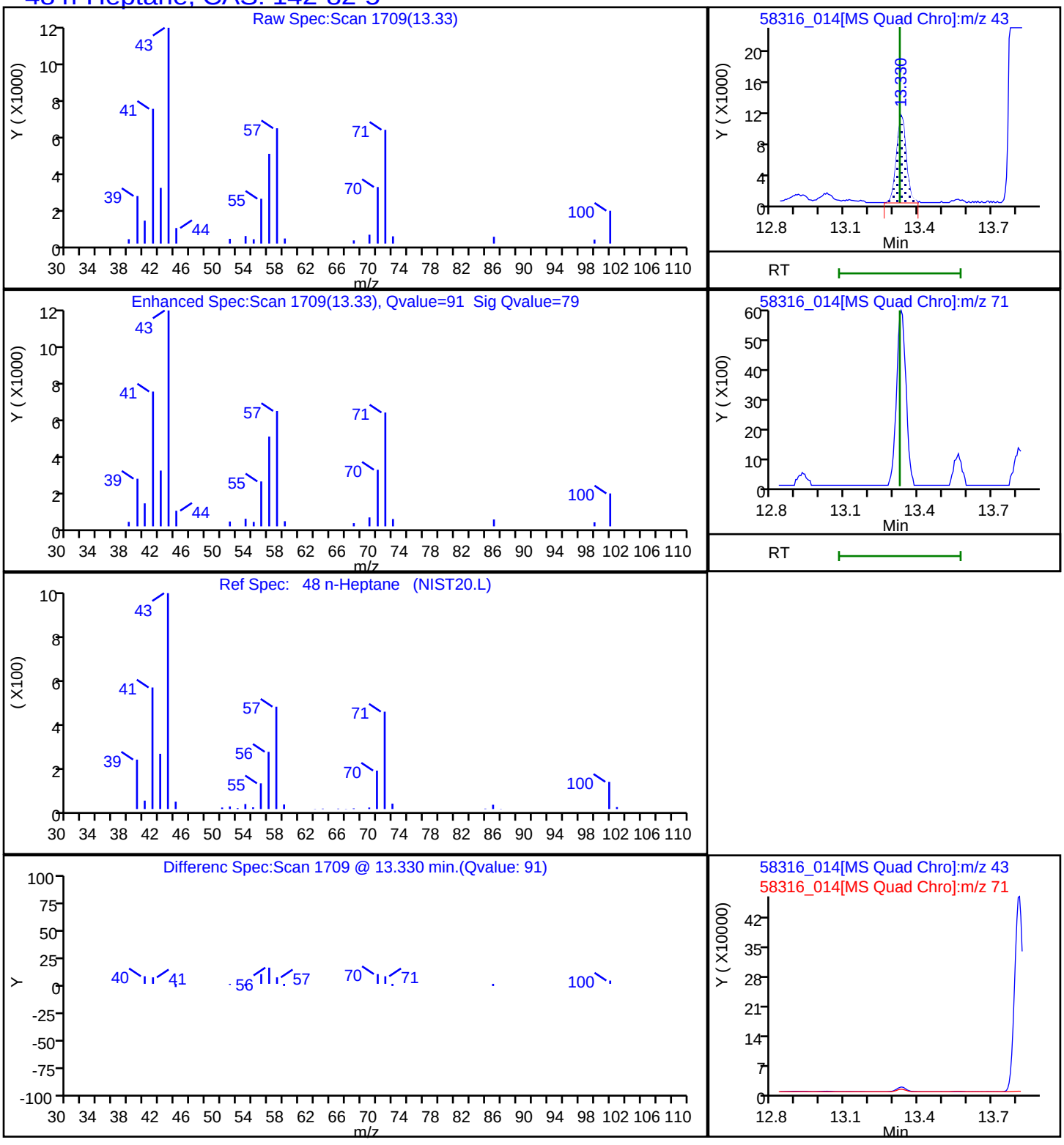
45 Benzene, CAS: 71-43-2



Eurofins Burlington

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Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
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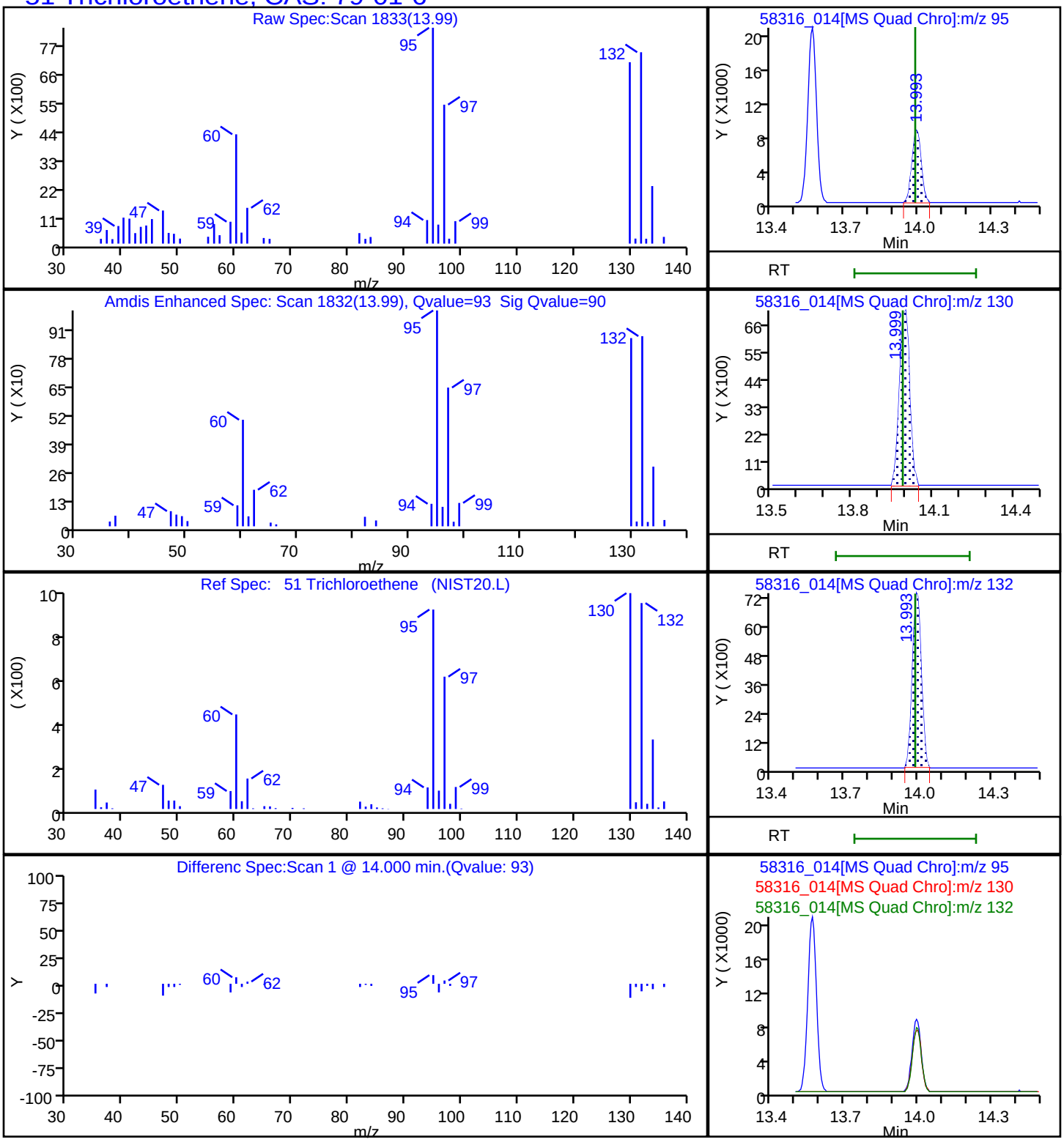
48 n-Heptane, CAS: 142-82-5



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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3
Client ID:	SVES-EFF-08_20231218		
Operator ID:	wrd	ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

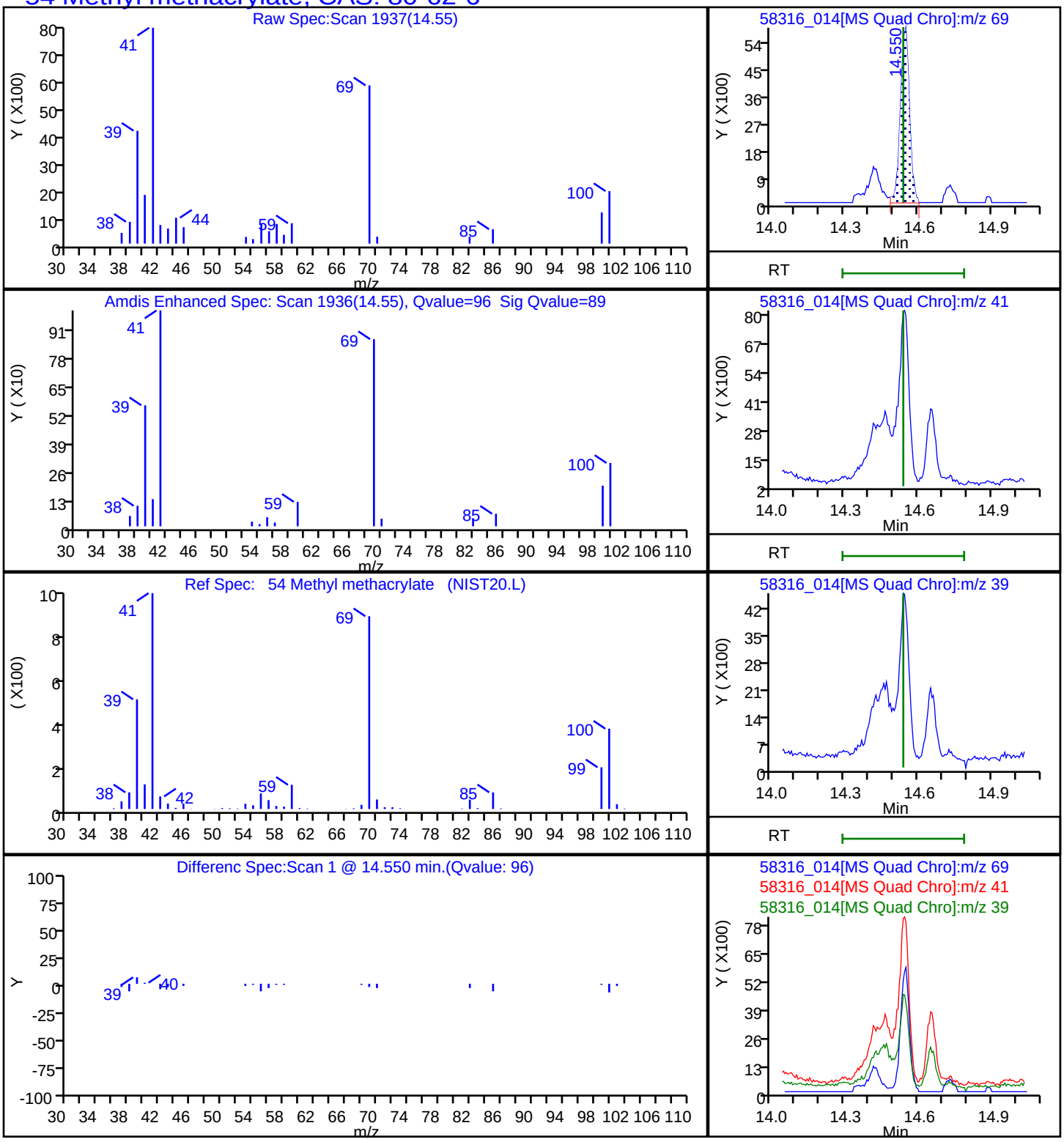
51 Trichloroethene, CAS: 79-01-6



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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
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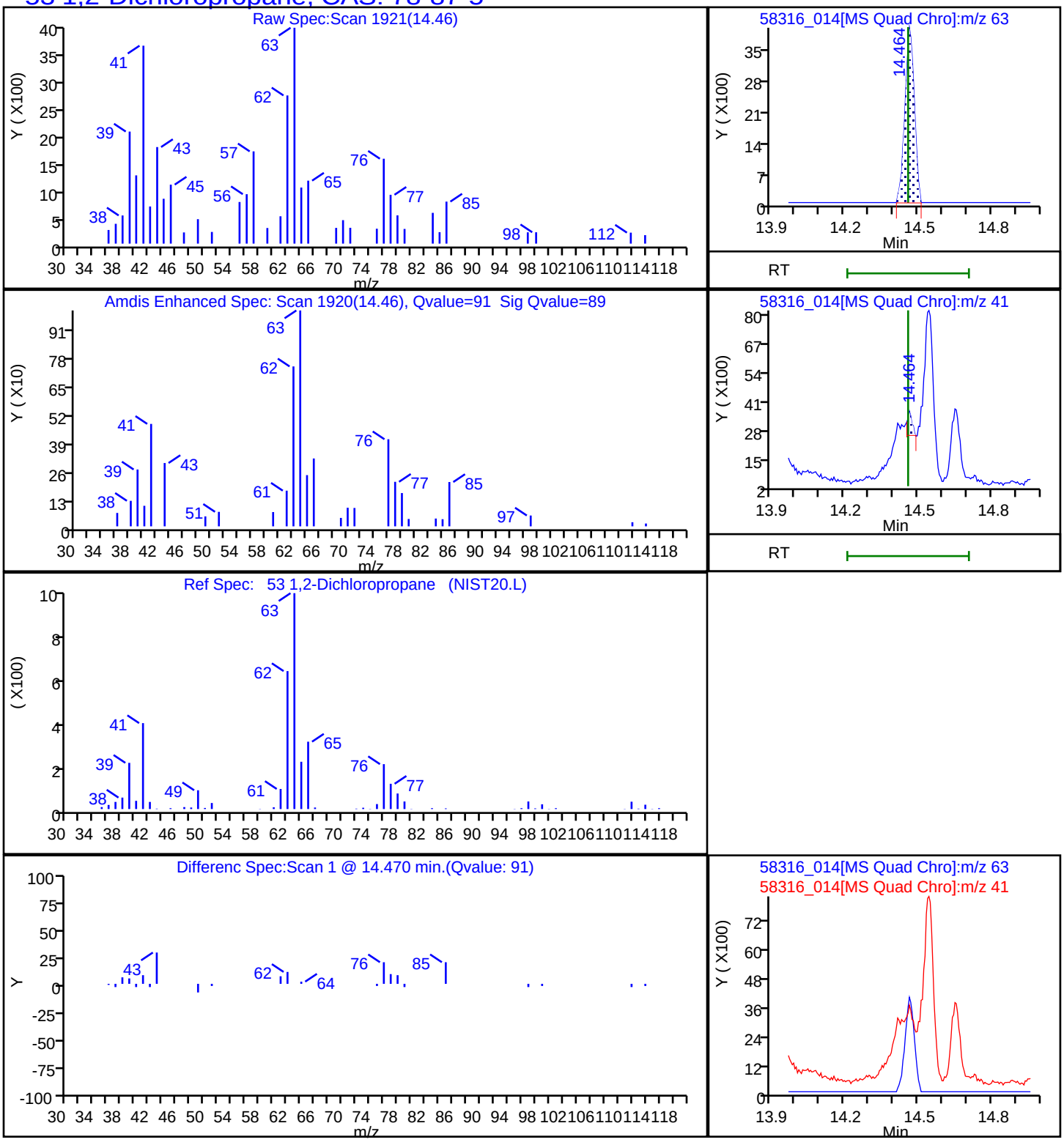
54 Methyl methacrylate, CAS: 80-62-6



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Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
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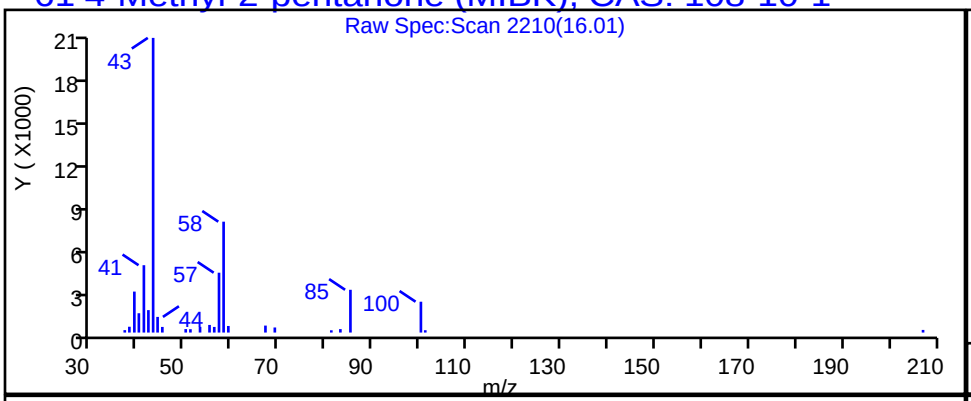
53 1,2-Dichloropropane, CAS: 78-87-5

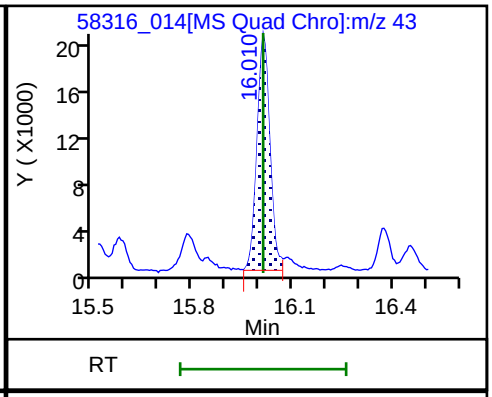


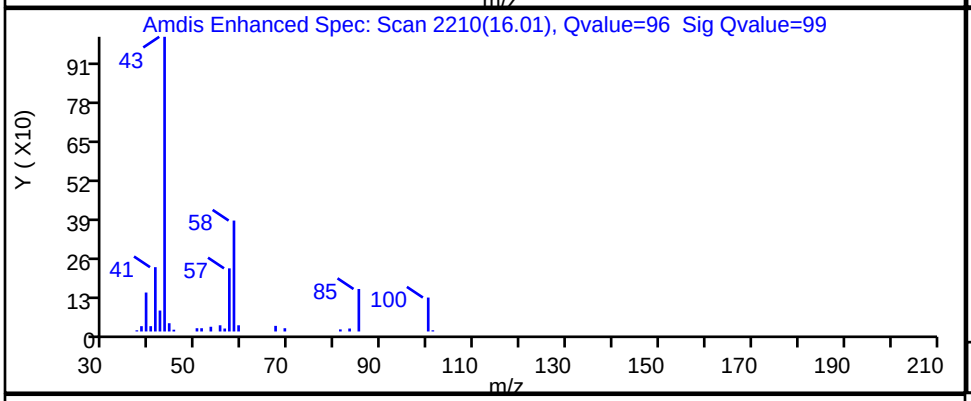
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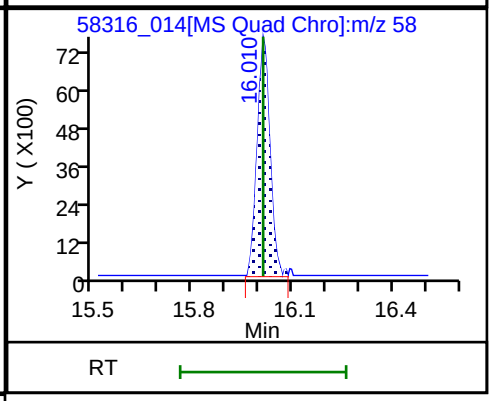
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Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
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Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

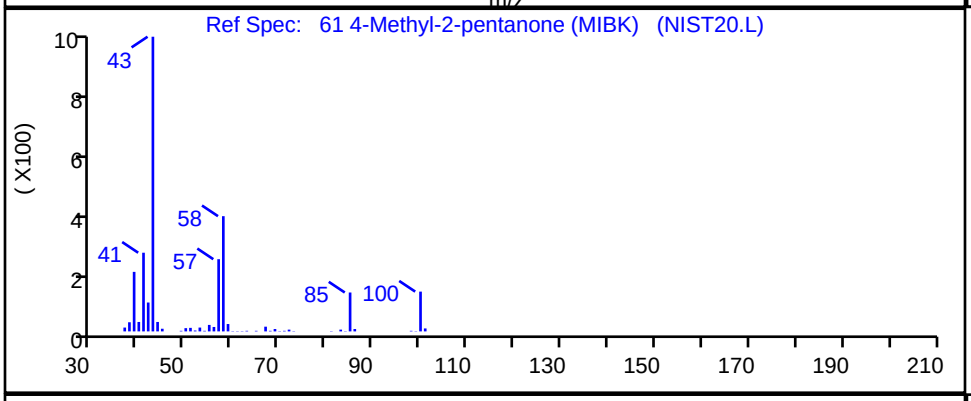
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

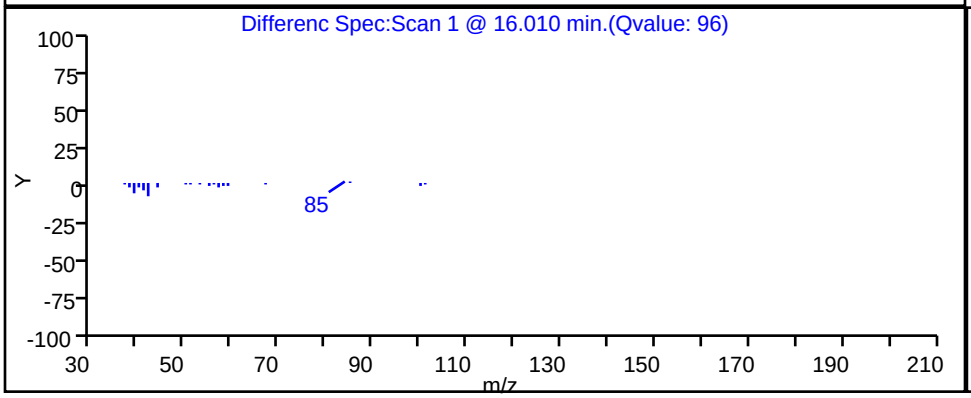


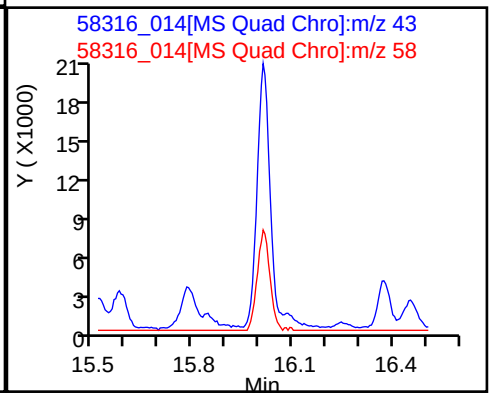








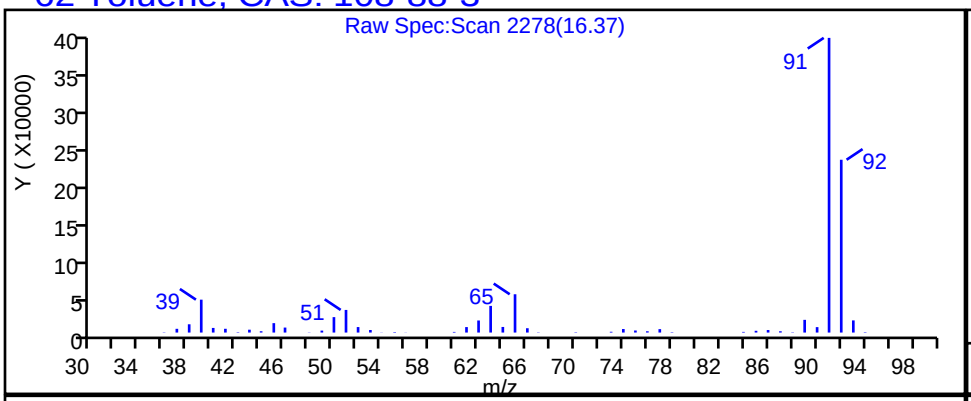


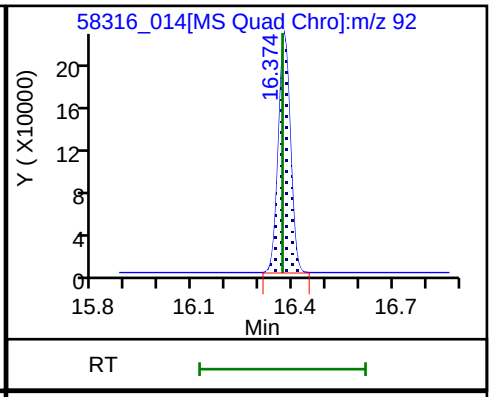


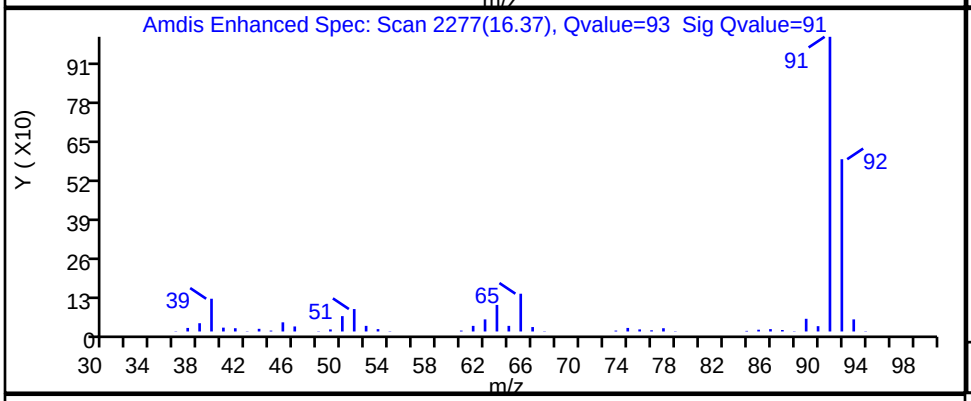
Eurofins Burlington

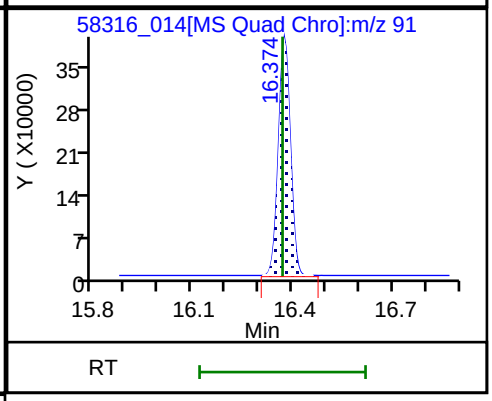
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

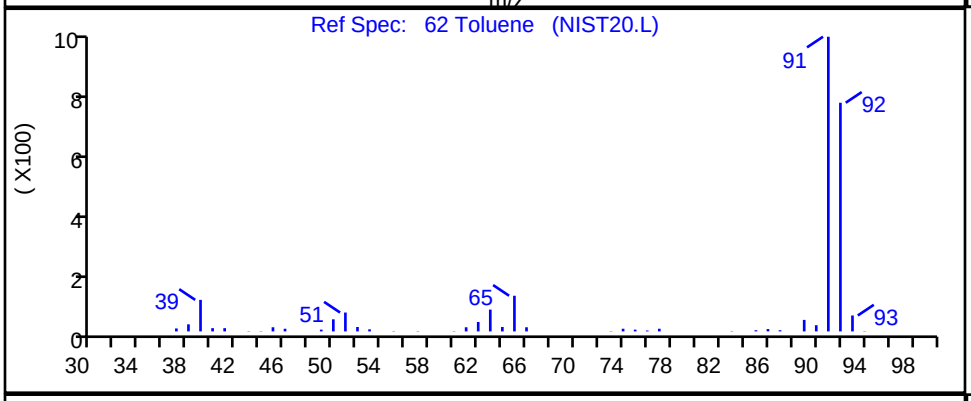
62 Toluene, CAS: 108-88-3

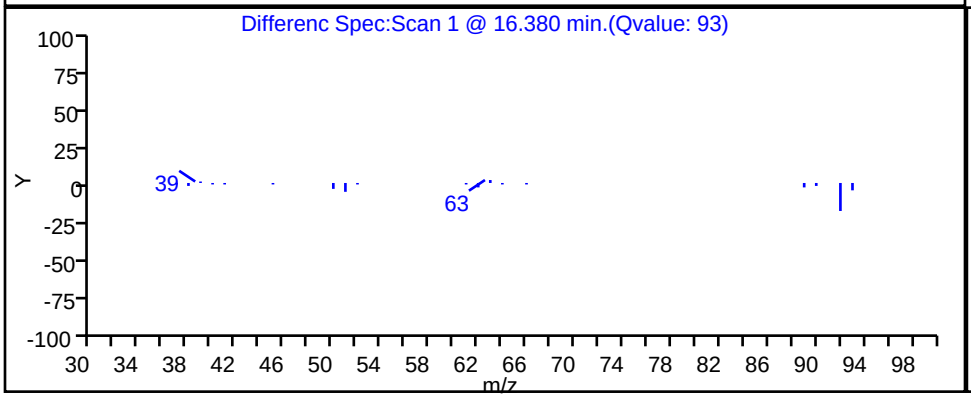


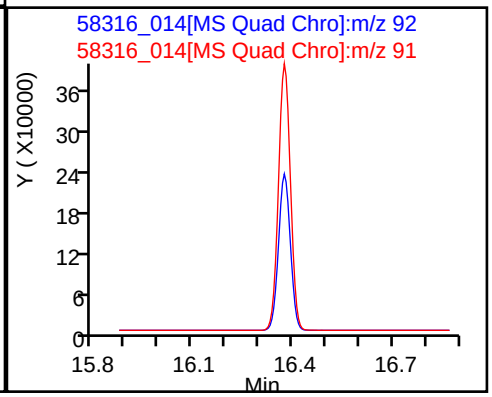








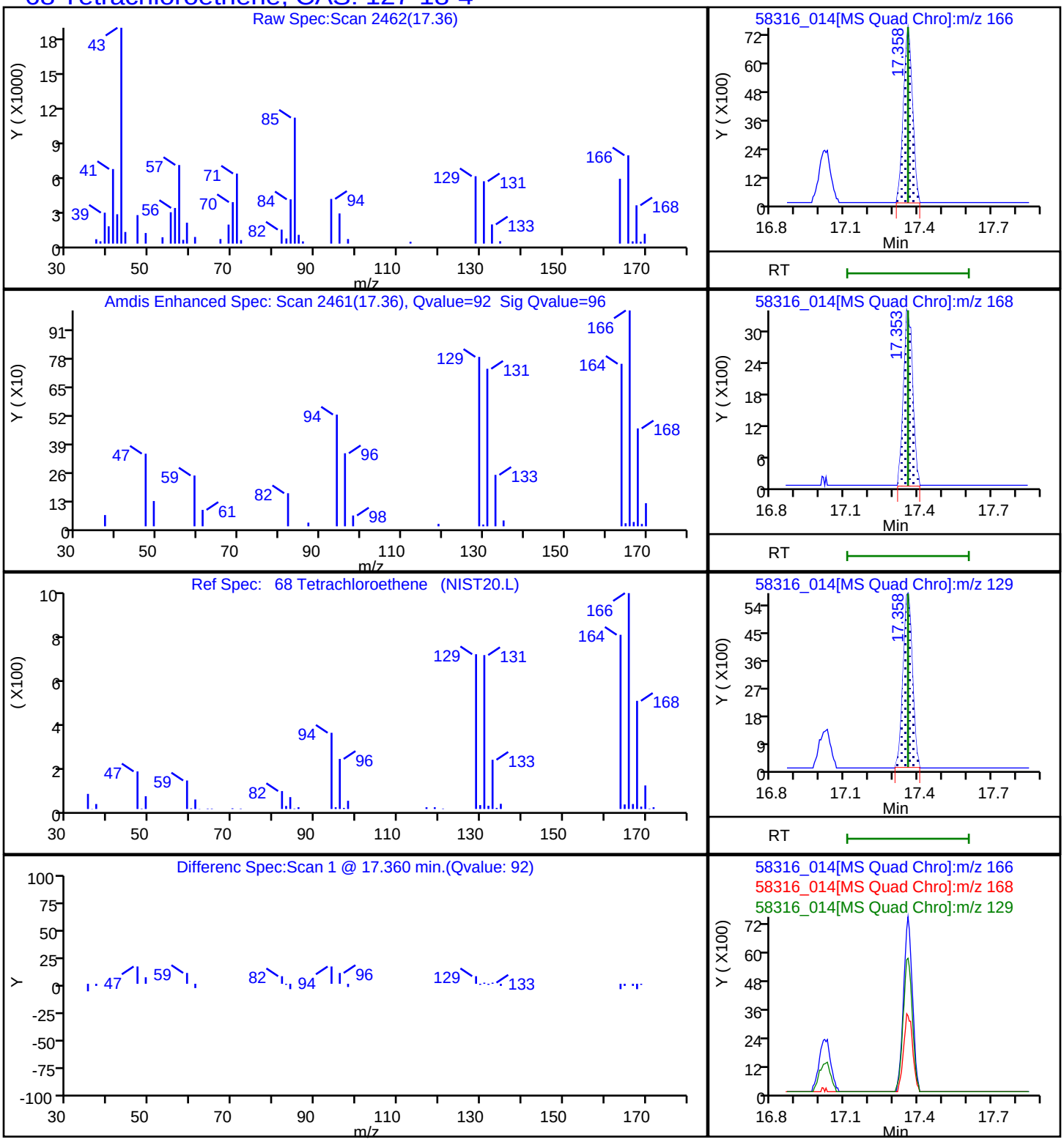




Eurofins Burlington

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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

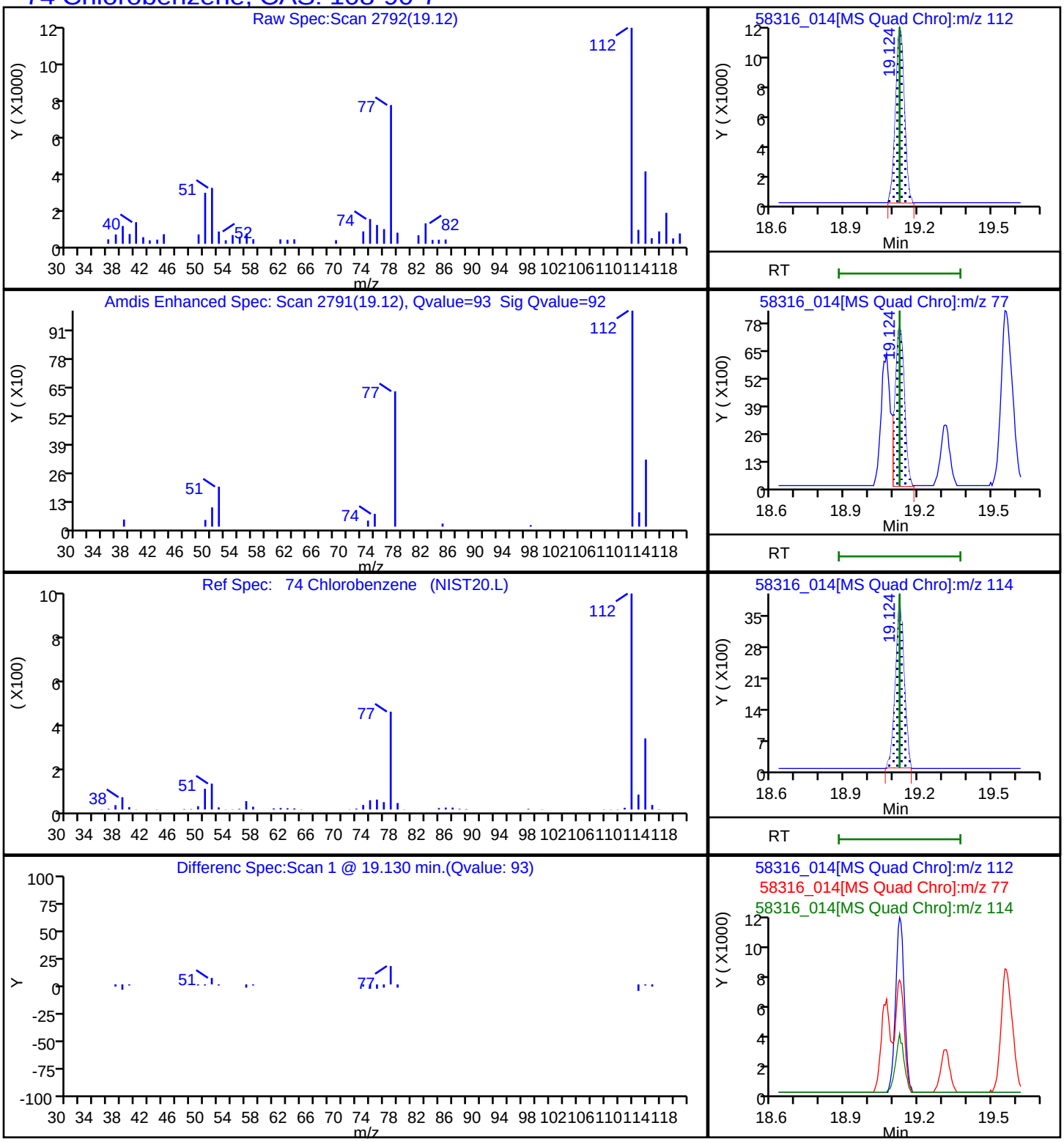
68 Tetrachloroethene, CAS: 127-18-4



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

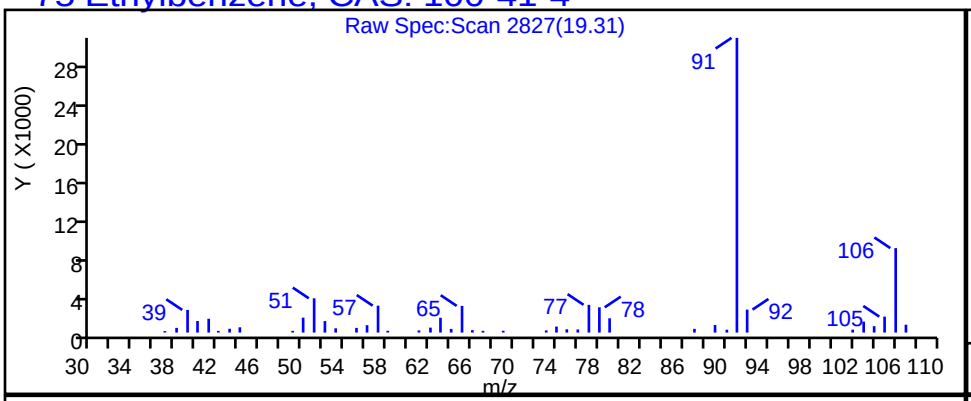
74 Chlorobenzene, CAS: 108-90-7

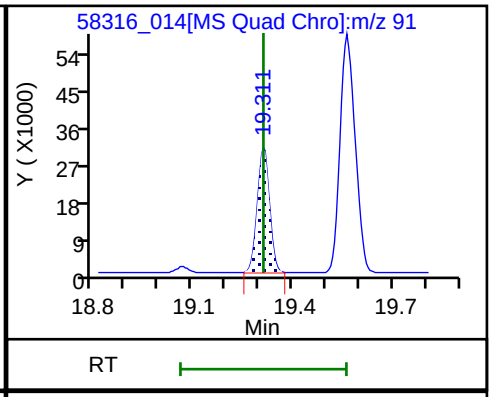


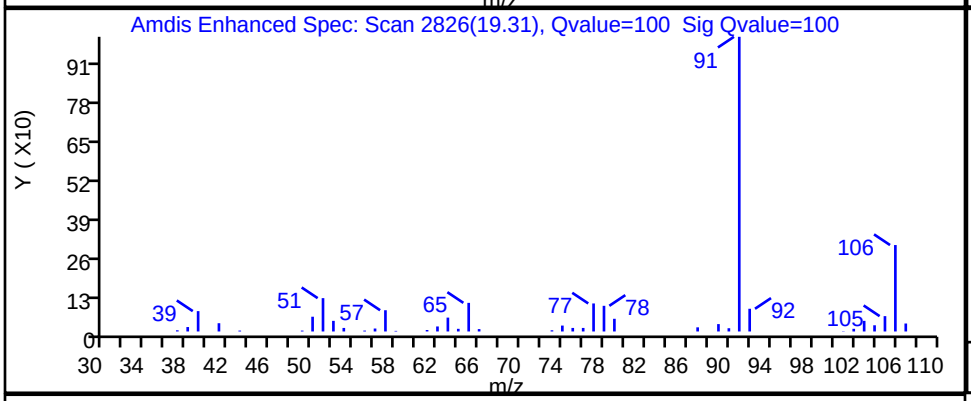
Eurofins Burlington

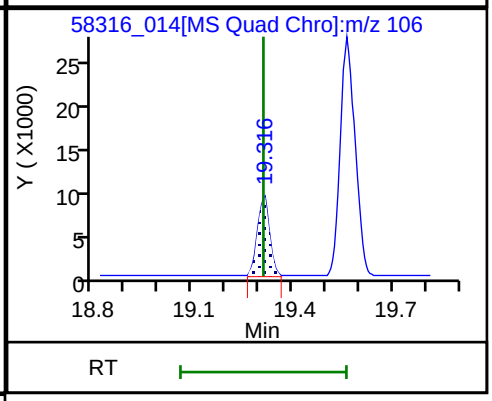
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

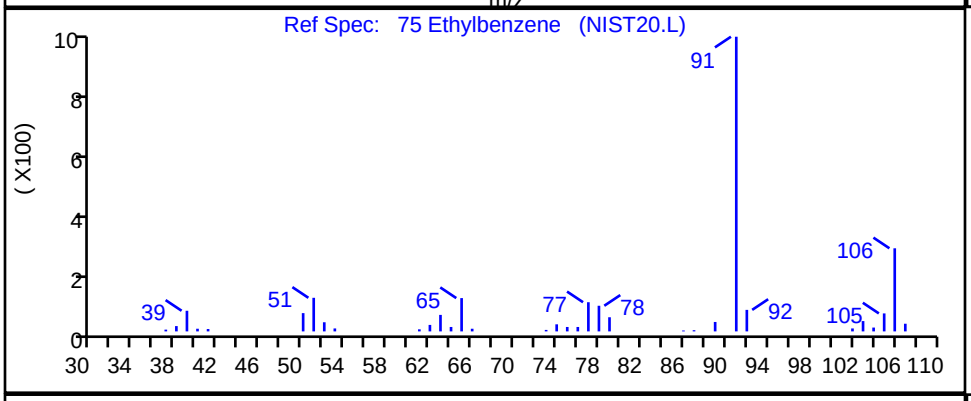
75 Ethylbenzene, CAS: 100-41-4

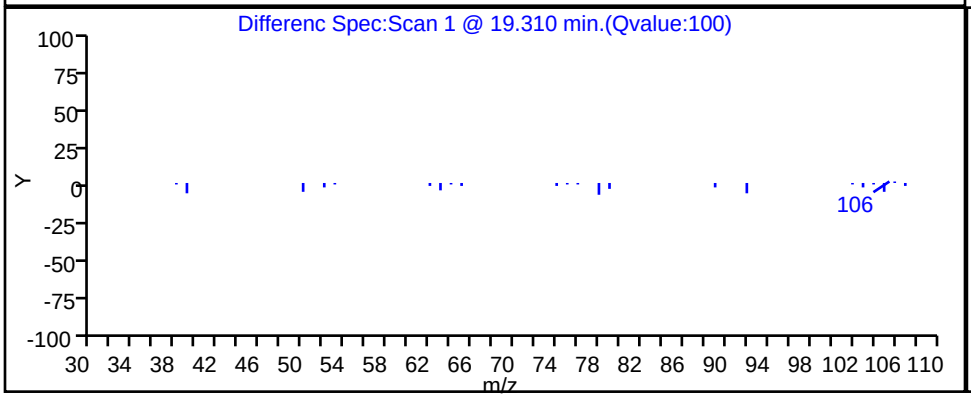


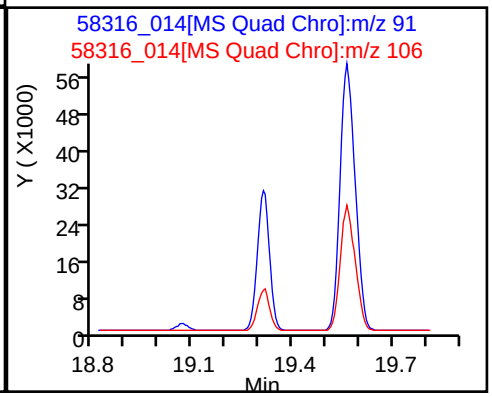








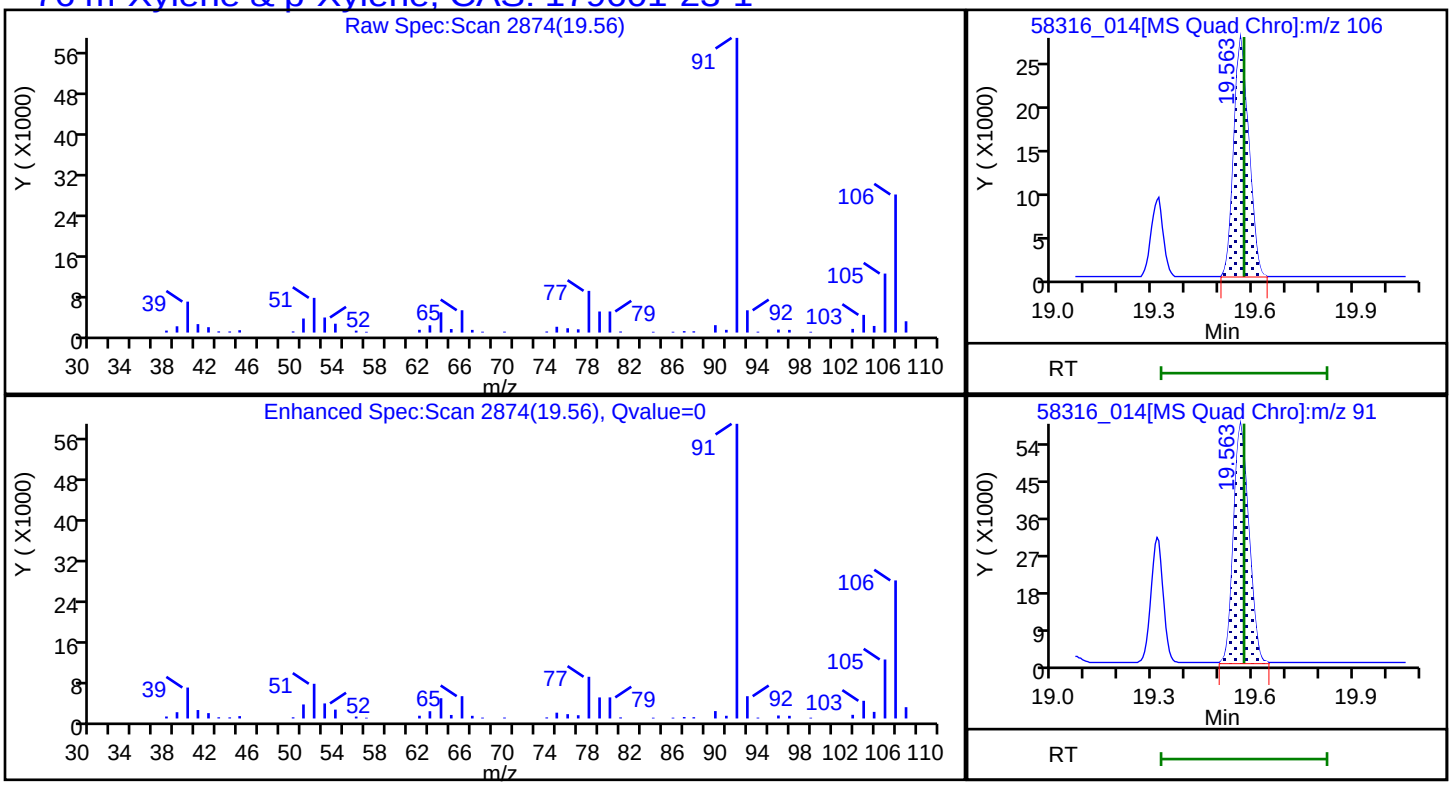


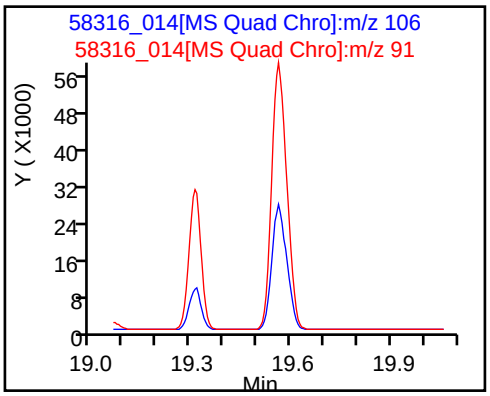


Eurofins Burlington

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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1

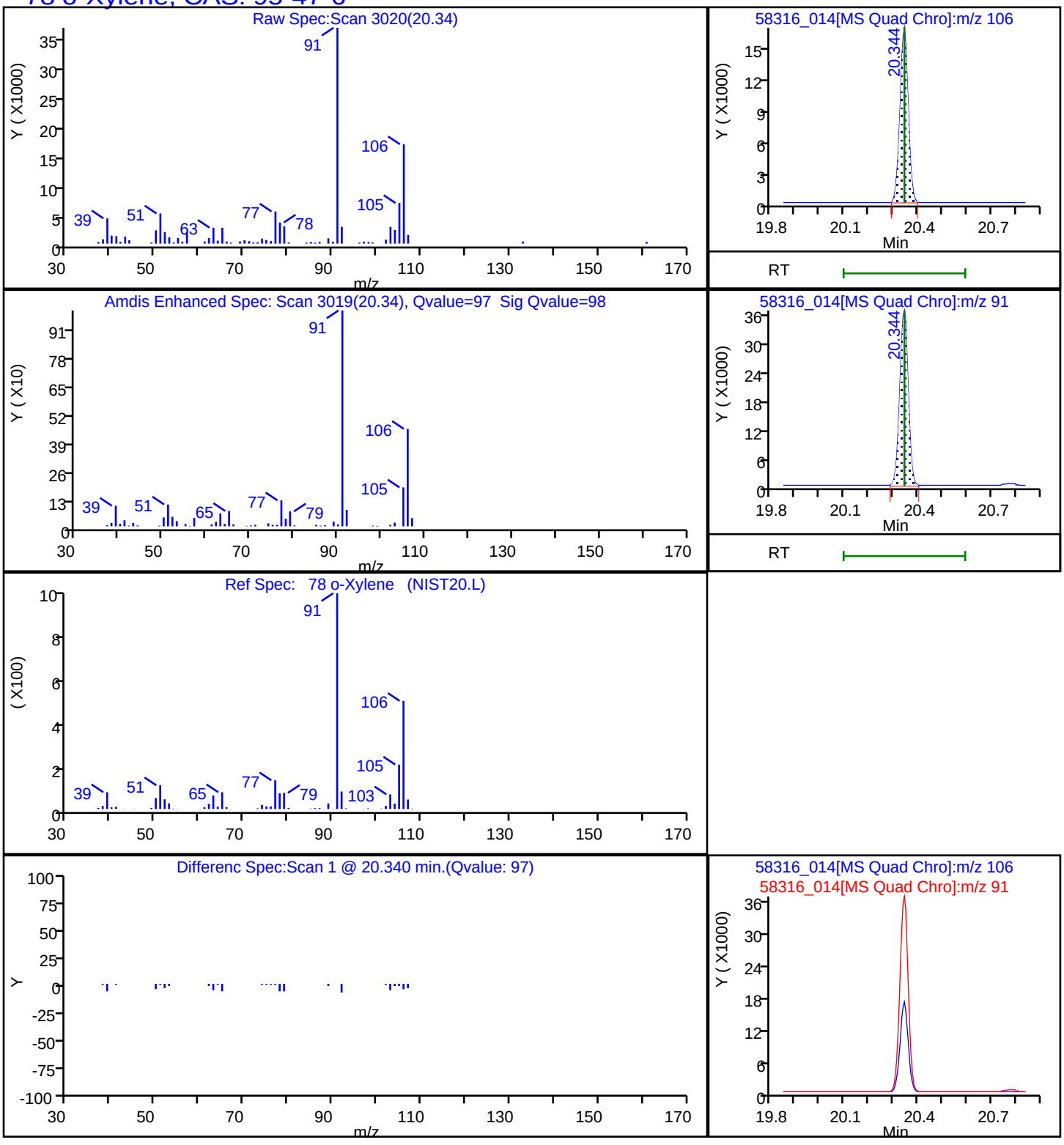




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

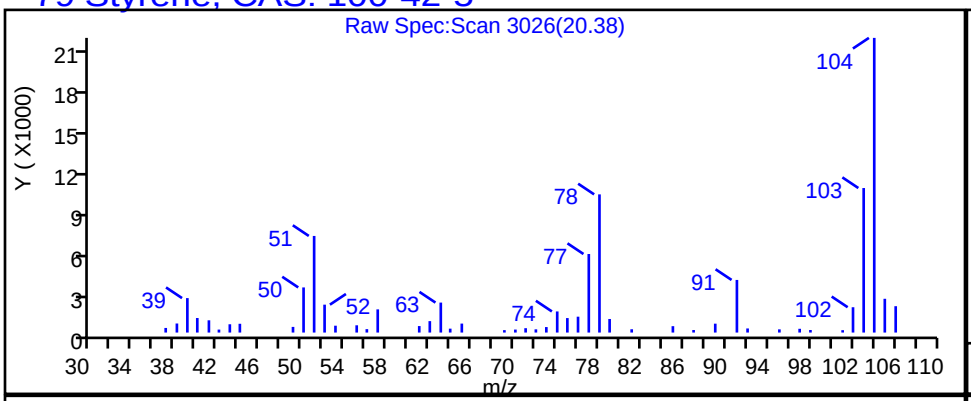
78 o-Xylene, CAS: 95-47-6

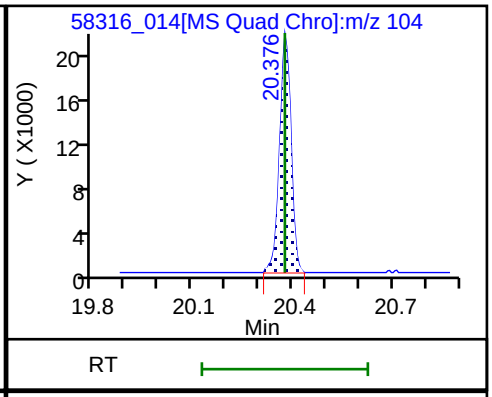


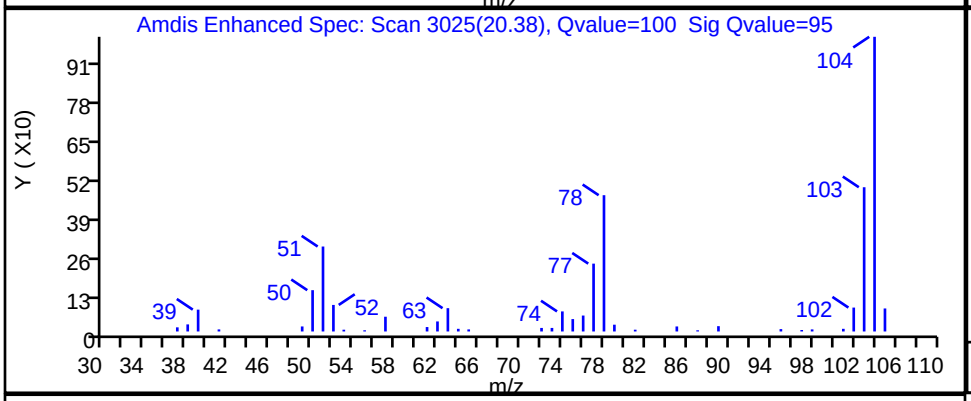
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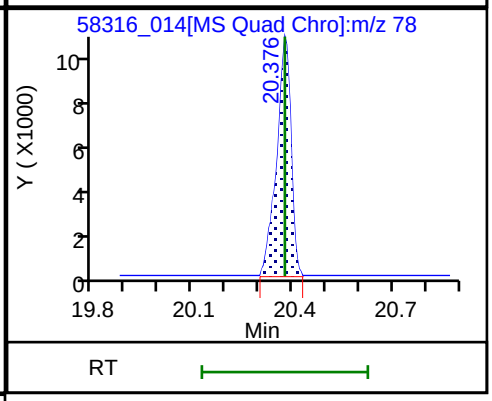
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

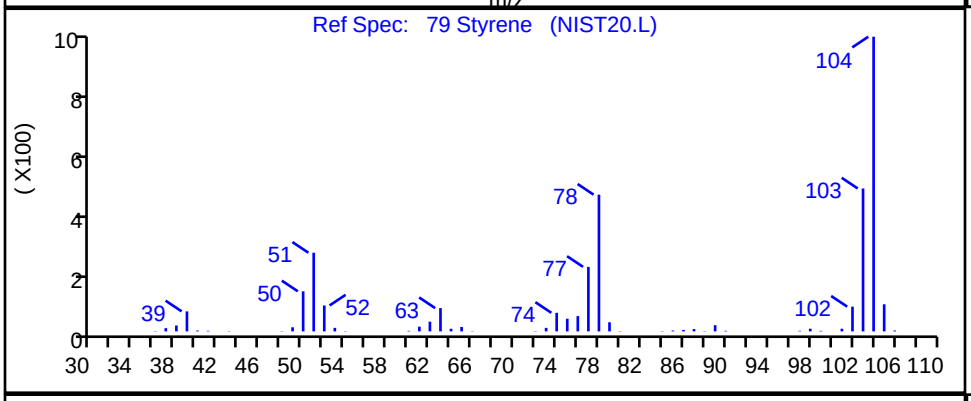
79 Styrene, CAS: 100-42-5

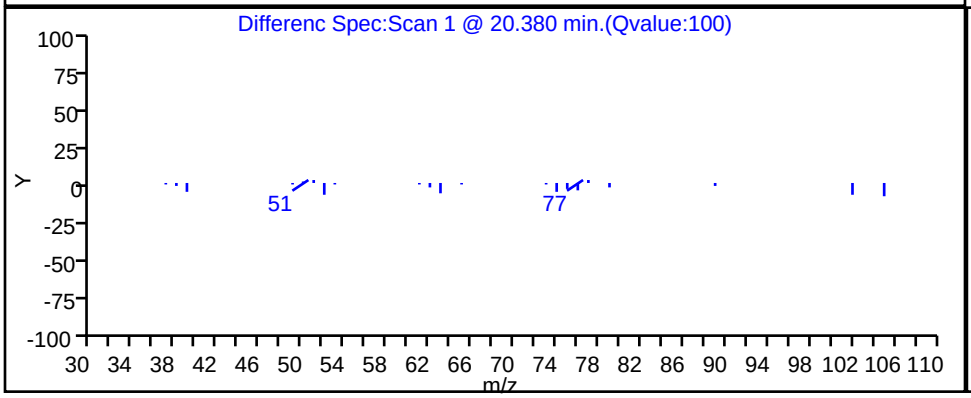


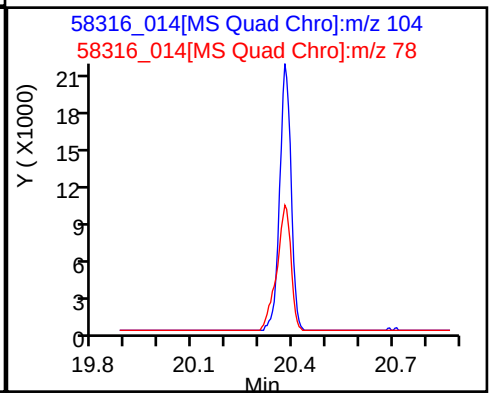








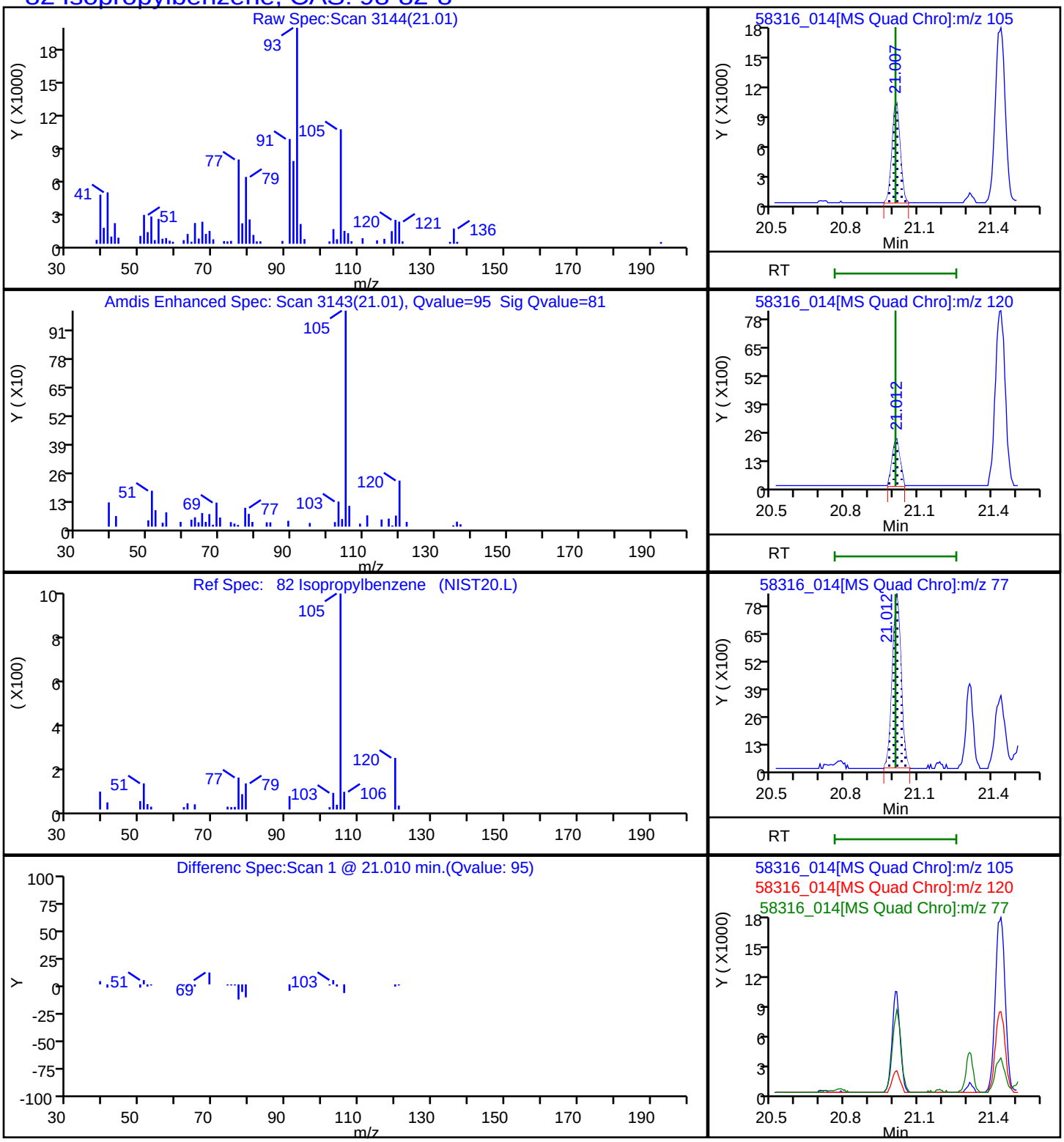




Eurofins Burlington

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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

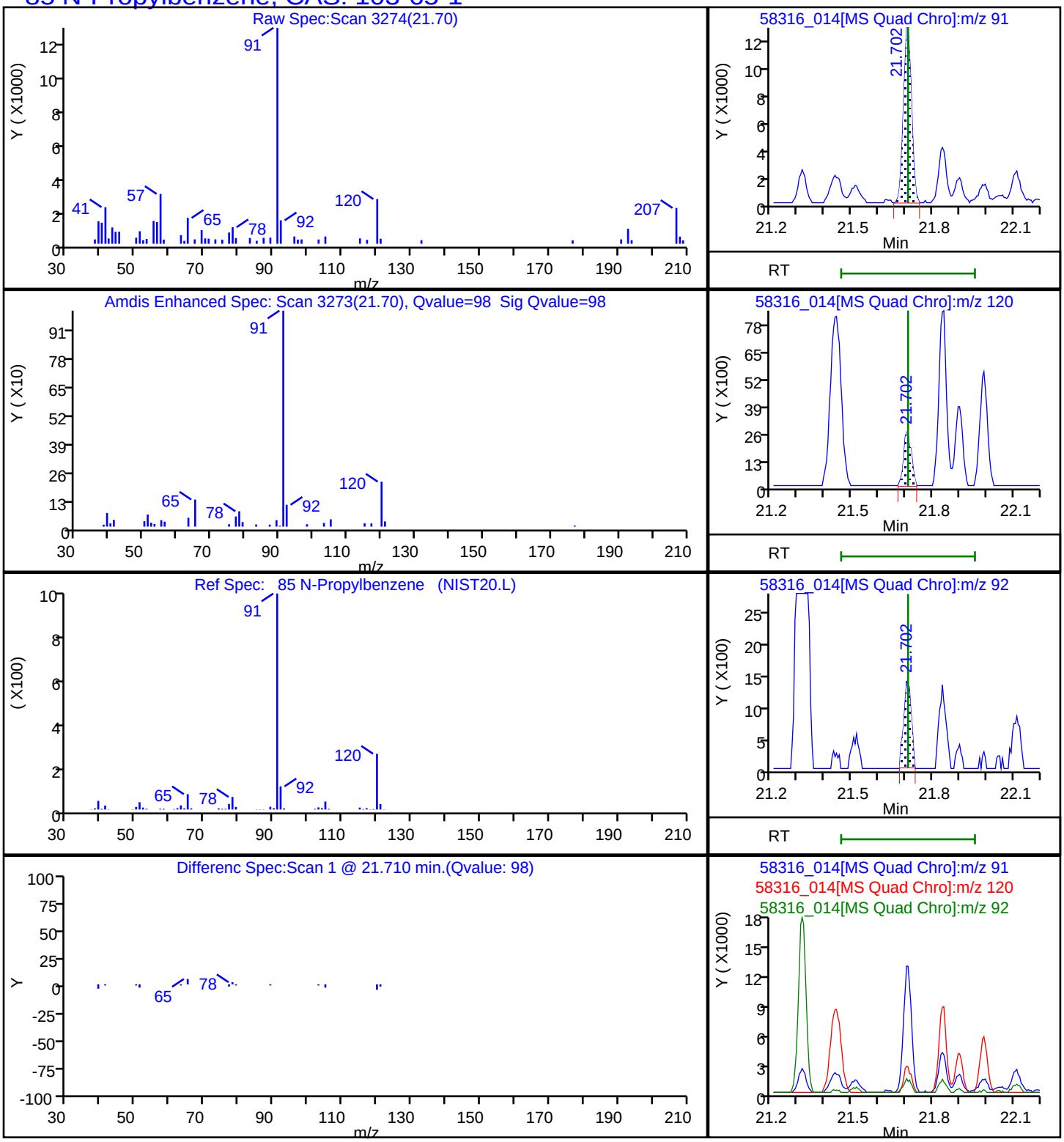
82 Isopropylbenzene, CAS: 98-82-8



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

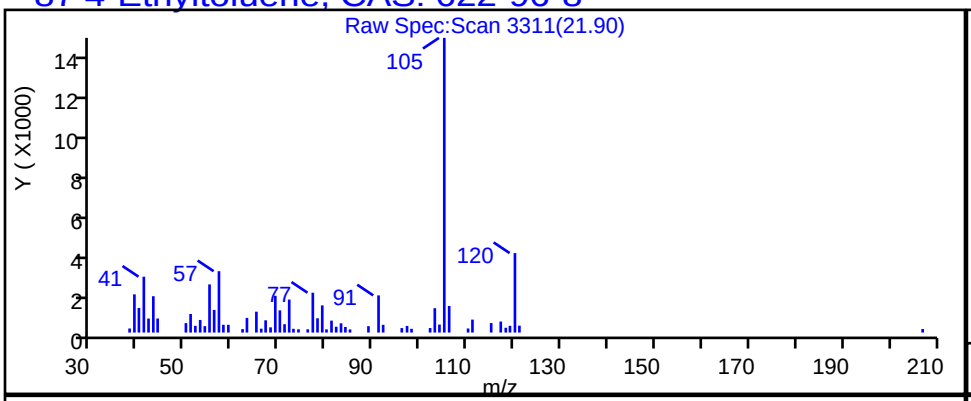
85 N-Propylbenzene, CAS: 103-65-1

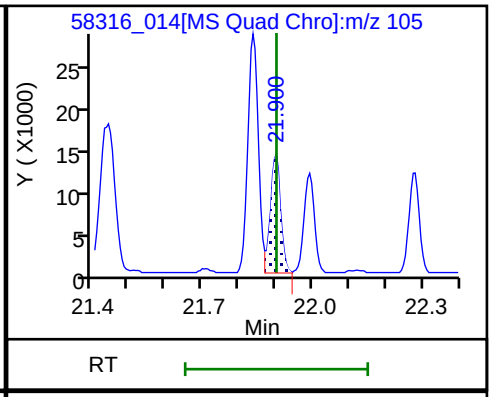


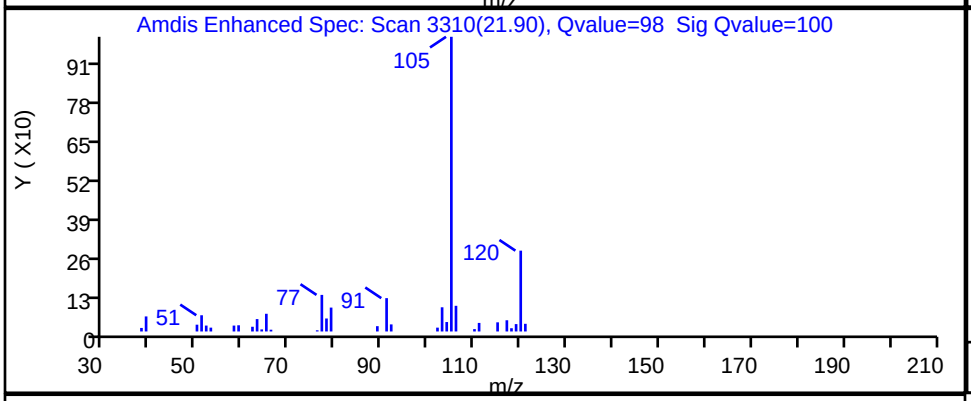
Eurofins Burlington

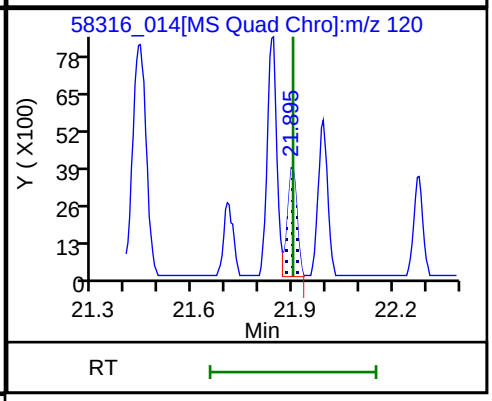
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

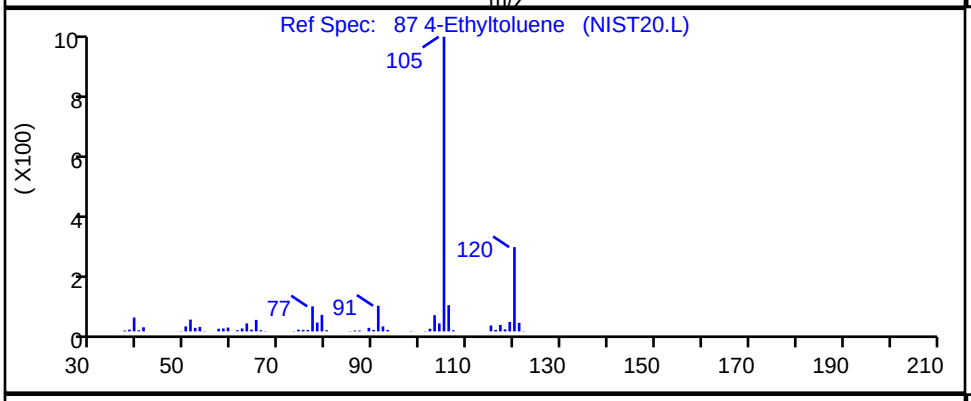
87 4-Ethyltoluene, CAS: 622-96-8

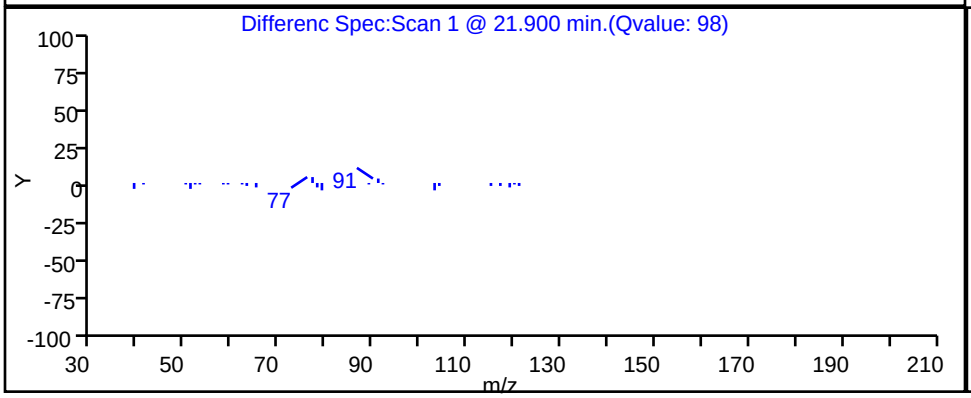


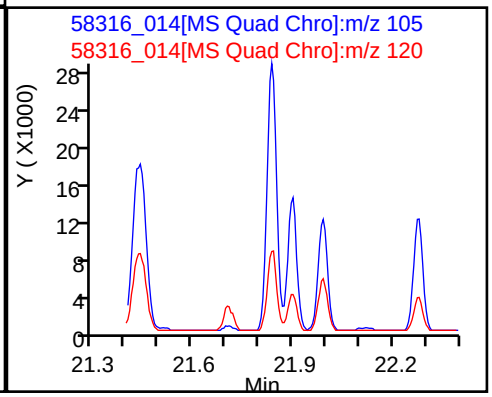








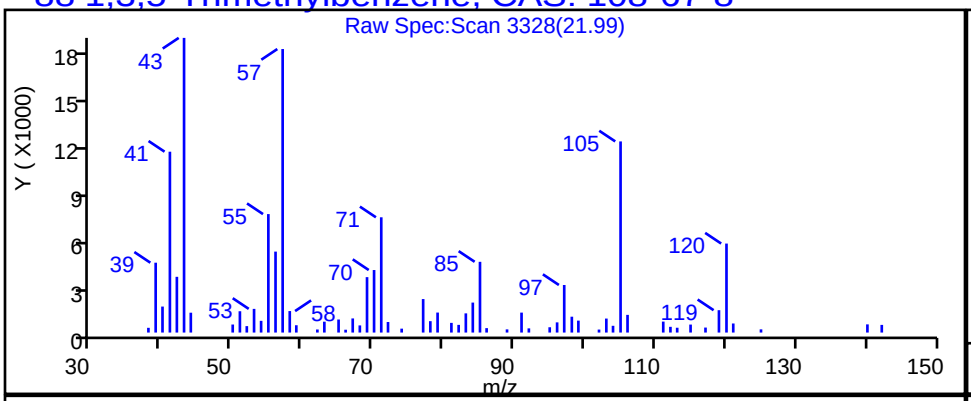


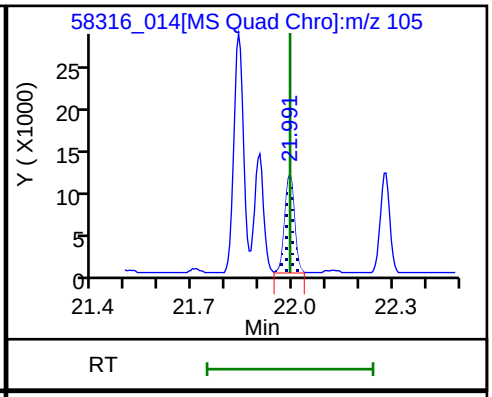


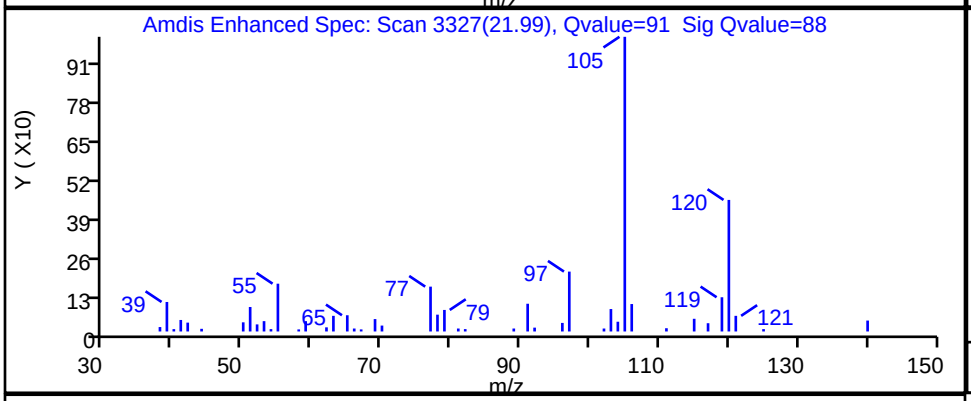
Eurofins Burlington

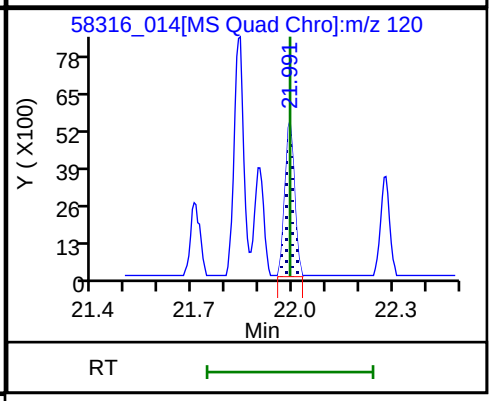
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Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
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Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

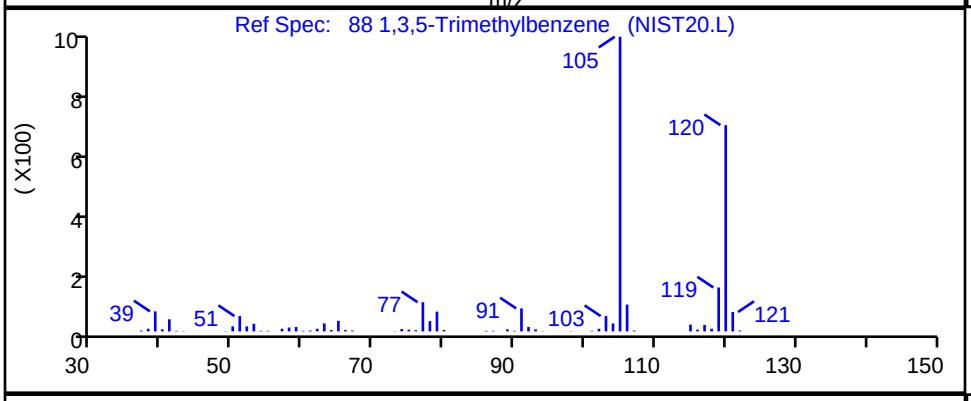
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

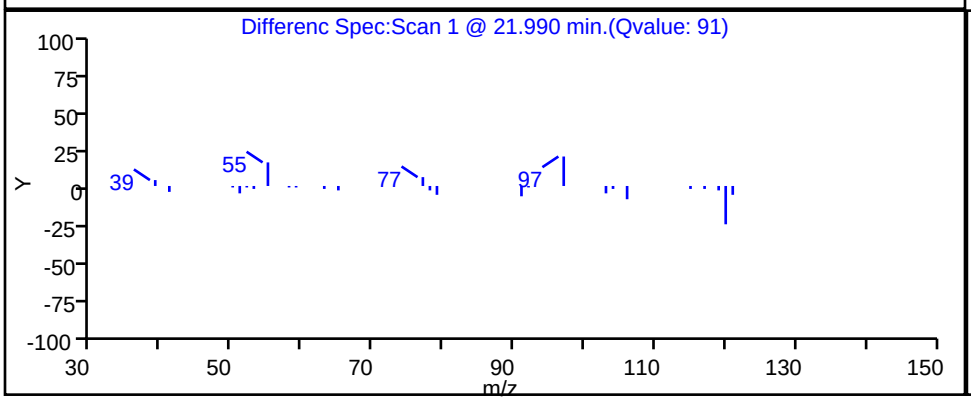


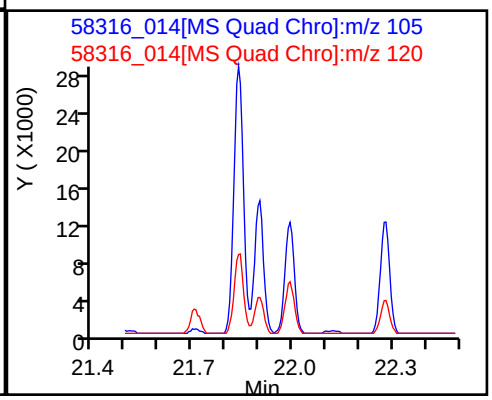








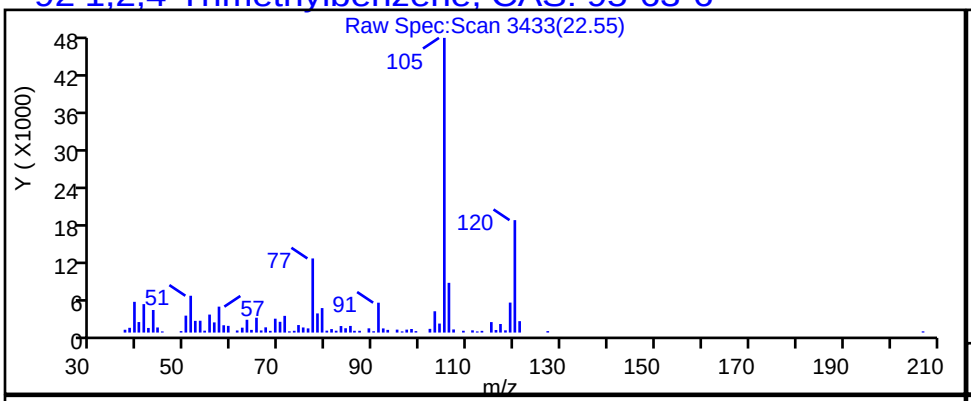


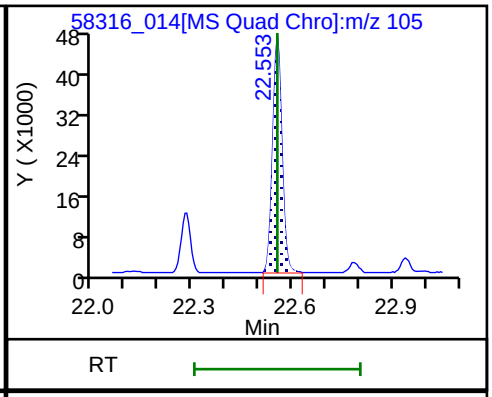


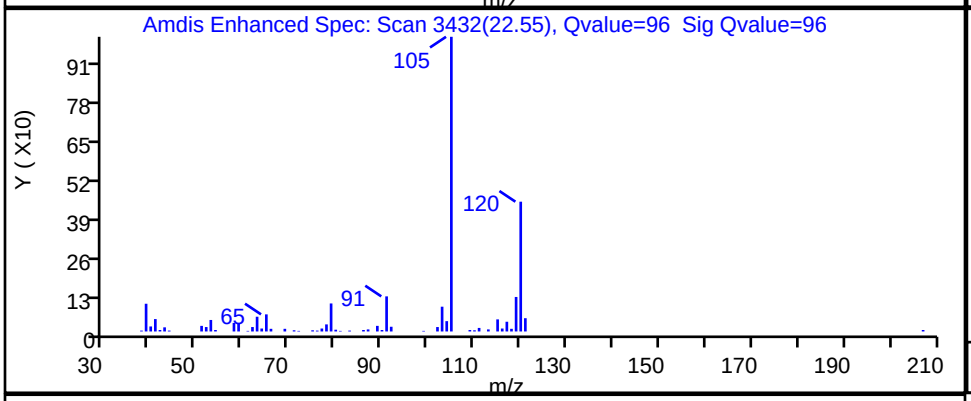
Eurofins Burlington

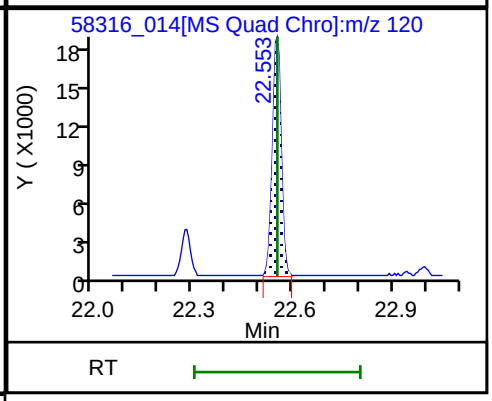
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Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

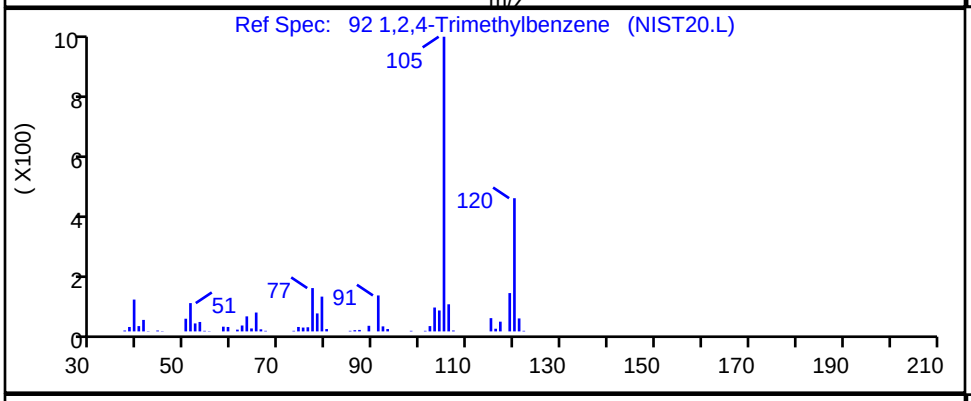
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

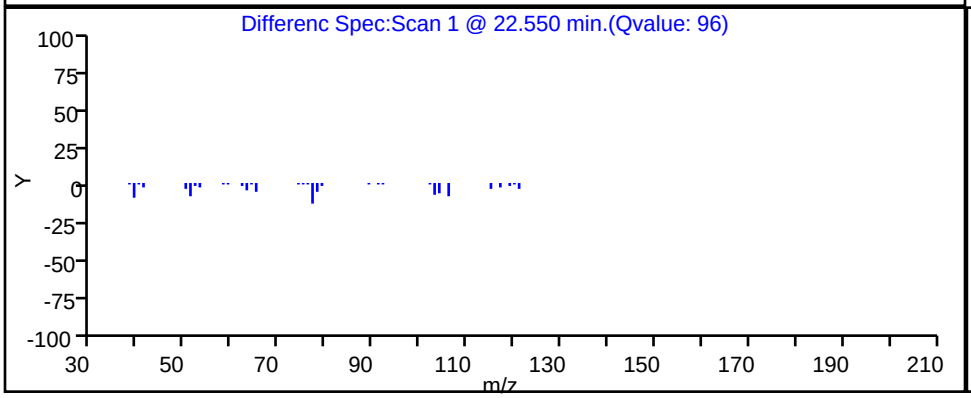


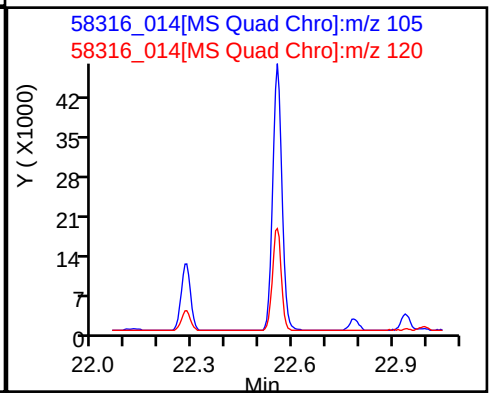












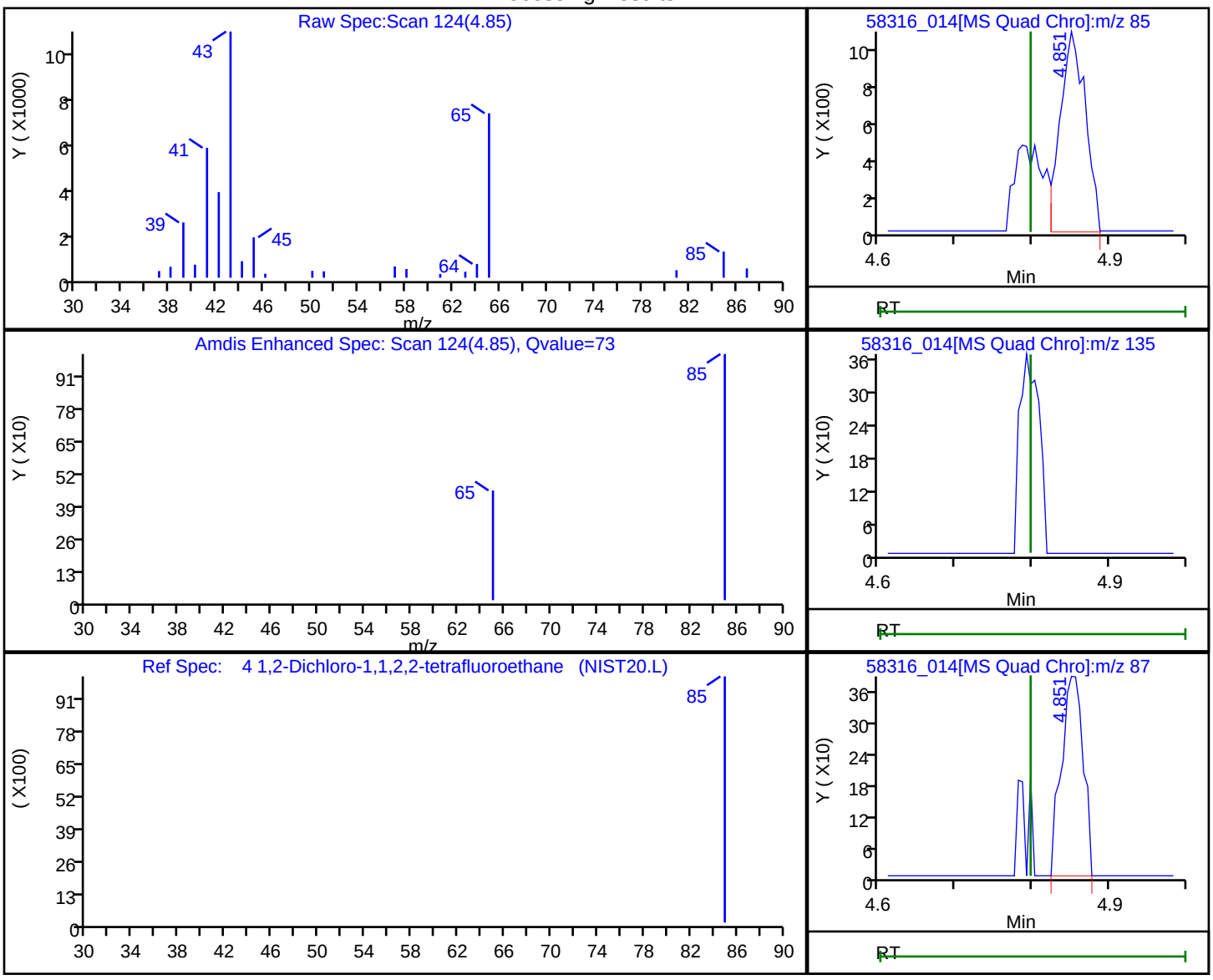
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results



RT	Mass	Response	Amount
4.85	85.00	2464	0.027739
4.80	135.00	0	
4.85	87.00	761	

Reviewer: F7XK, 21-Dec-2023 08:21:55 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

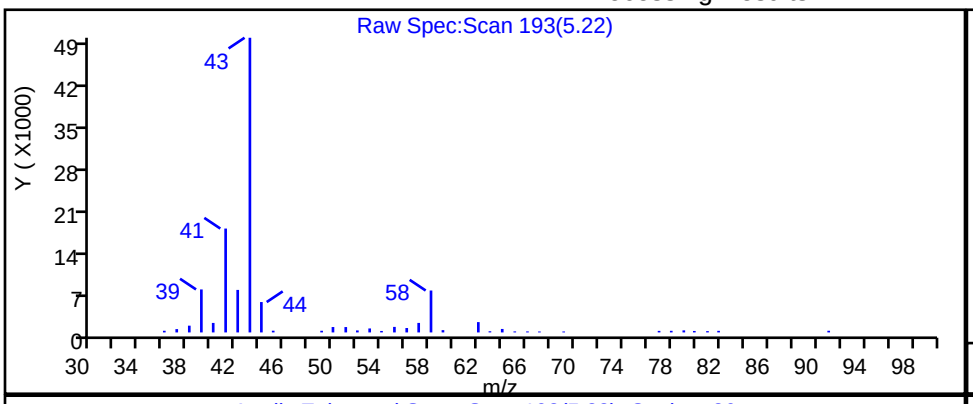
User Disabled Compound Report

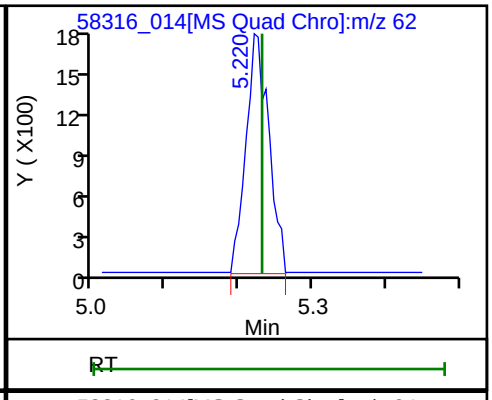
Eurofins Burlington

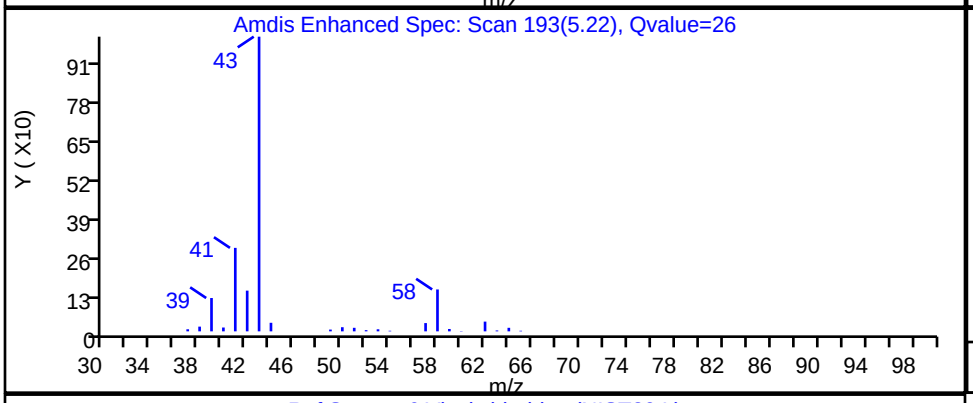
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

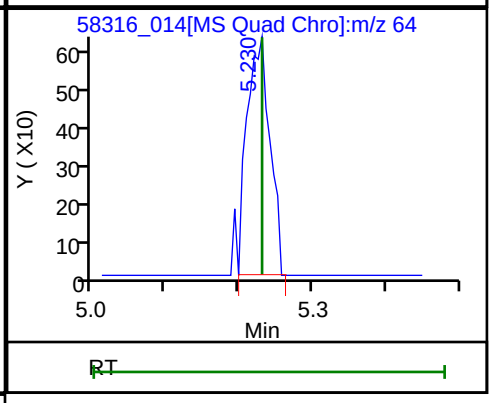
6 Vinyl chloride, CAS: 75-01-4

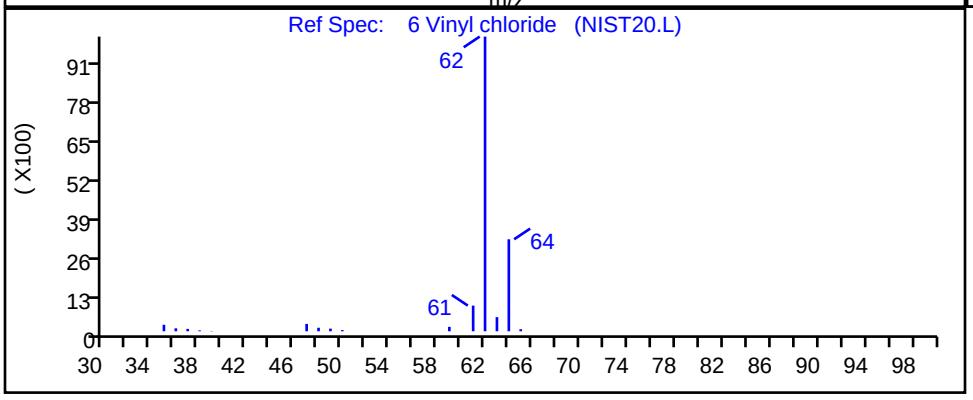
Processing Results











RT	Mass	Response	Amount
5.22	62.00	3758	0.071362
5.23	64.00	1376	

Reviewer: BKZ7, 21-Dec-2023 07:34:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

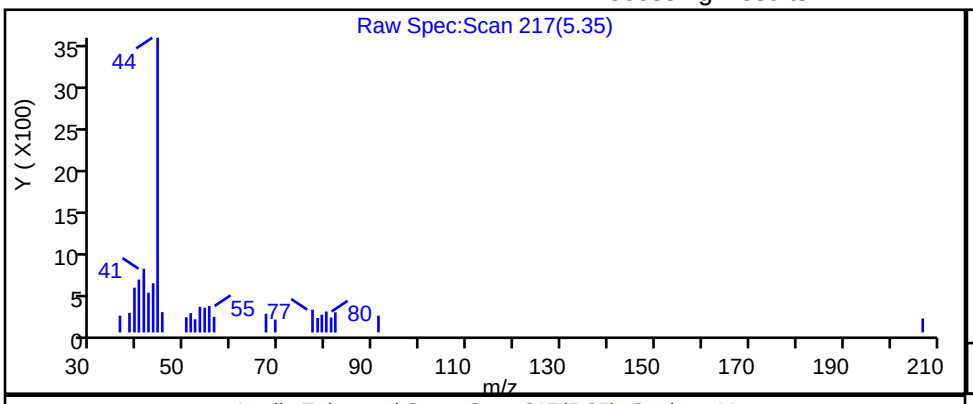
User Disabled Compound Report

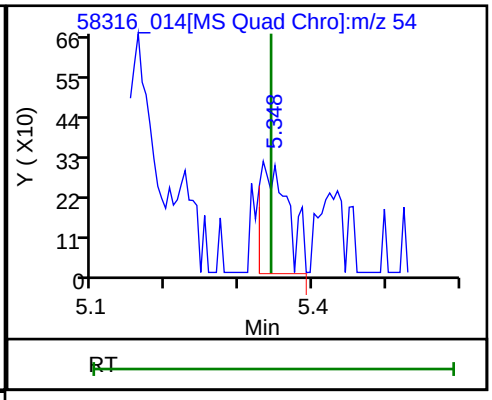
Eurofins Burlington

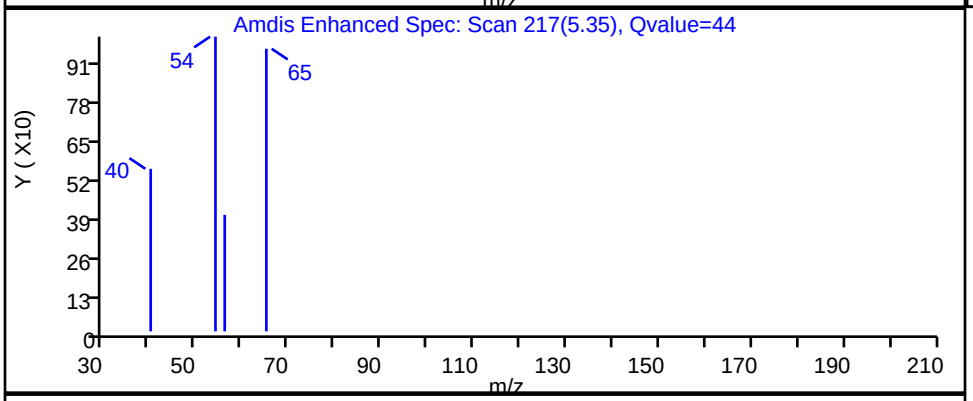
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

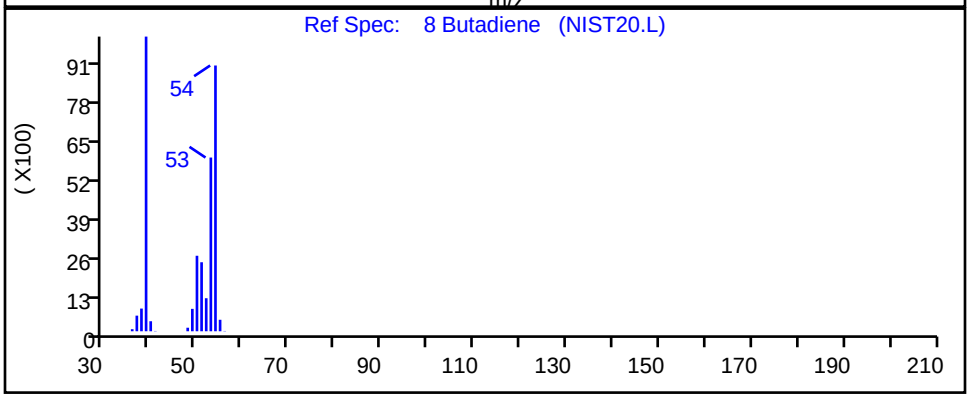
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.35	54.00	814	0.020524

Reviewer: F7XK, 21-Dec-2023 08:22:13 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

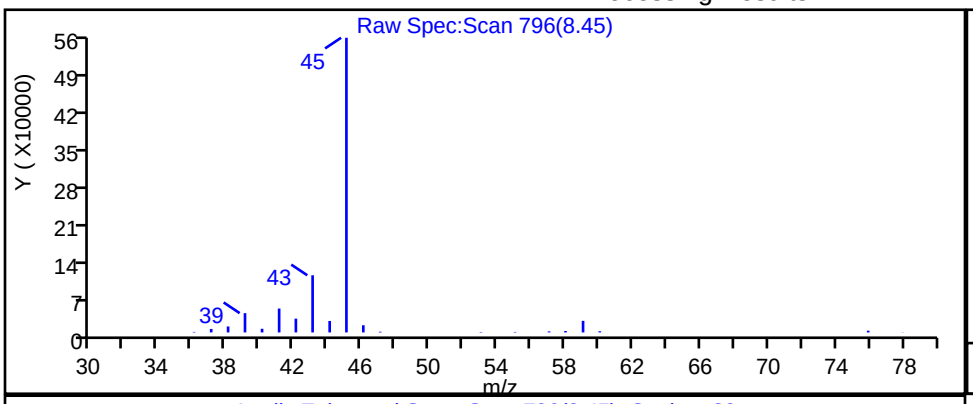
User Disabled Compound Report

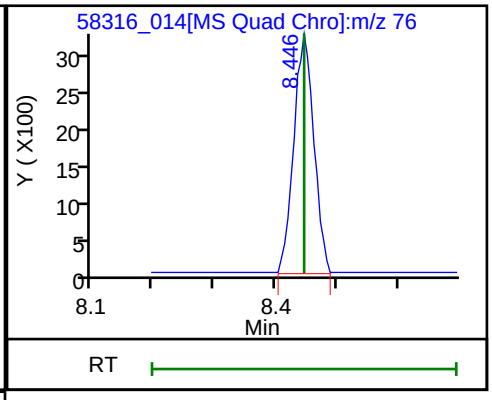
Eurofins Burlington

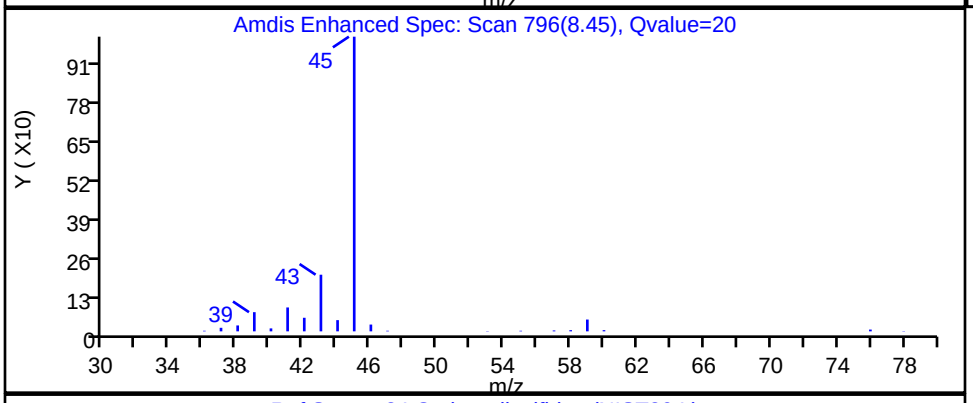
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

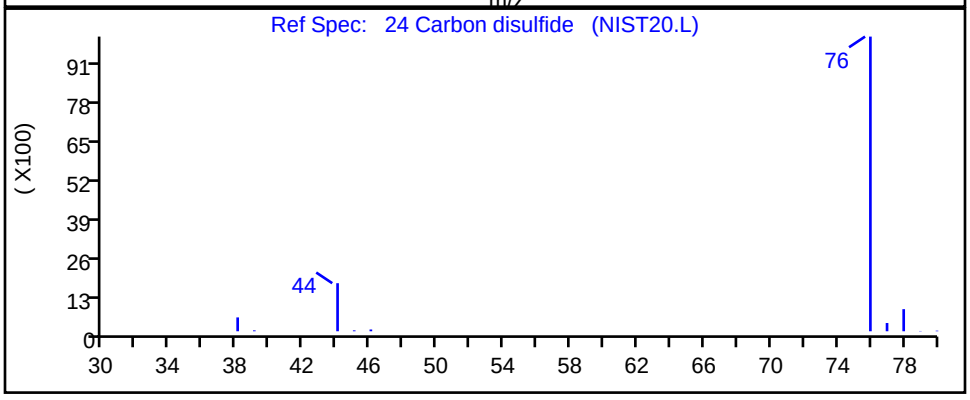
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.45	76.00	7421	0.062068

Reviewer: F7XK, 21-Dec-2023 08:22:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

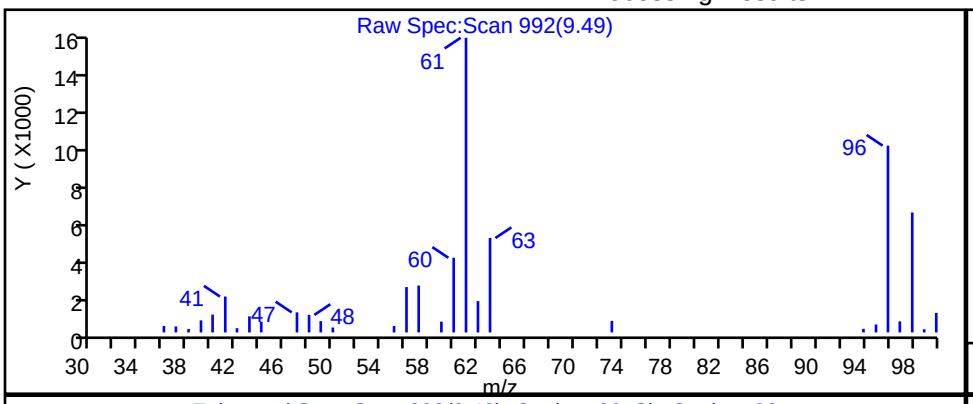
User Disabled Compound Report

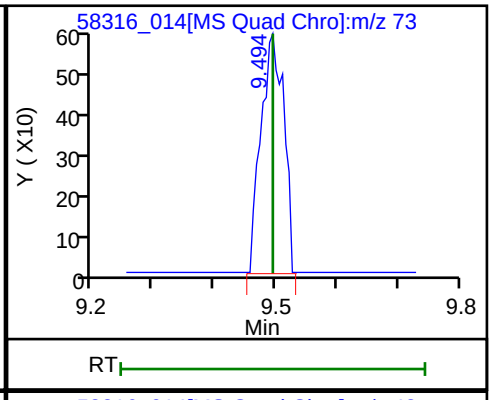
Eurofins Burlington

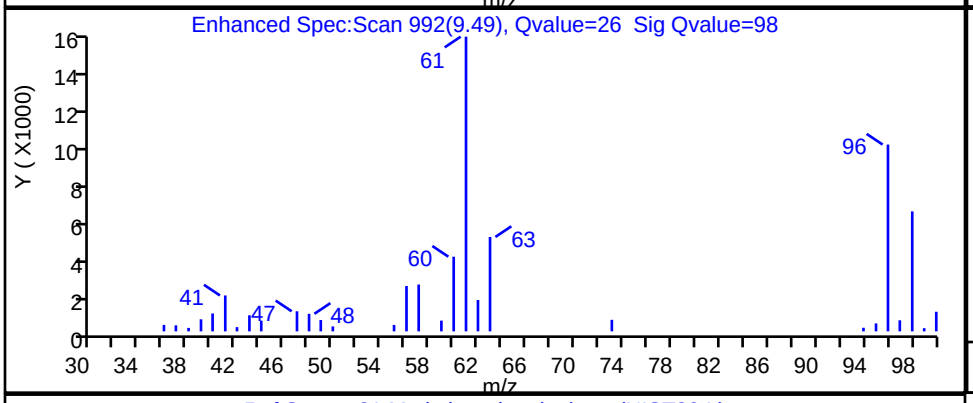
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

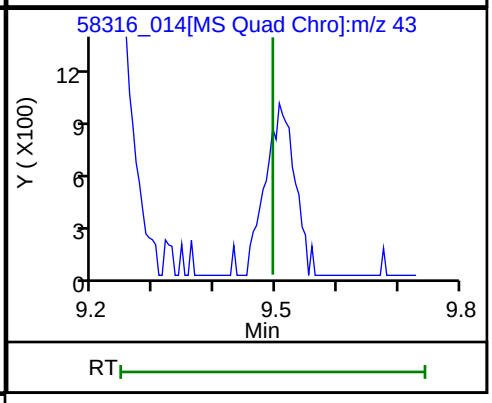
31 Methyl tert-butyl ether, CAS: 1634-04-4

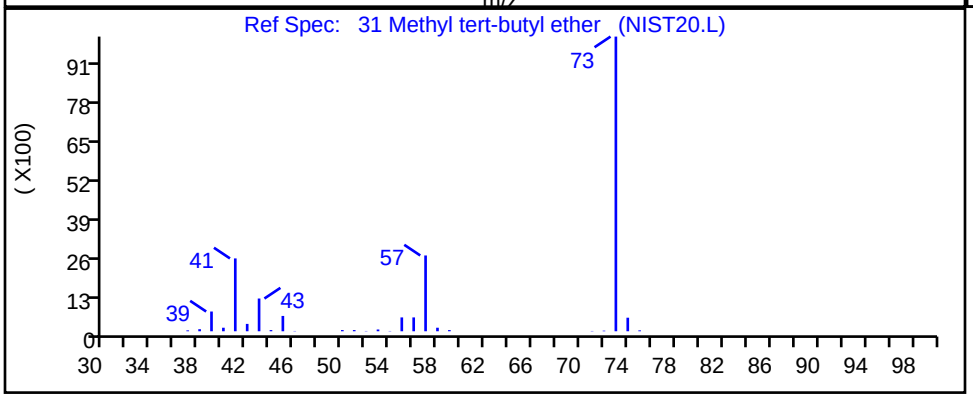
Processing Results











RT	Mass	Response	Amount
9.49	73.00	1546	0.014235
9.49	43.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:34:13 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

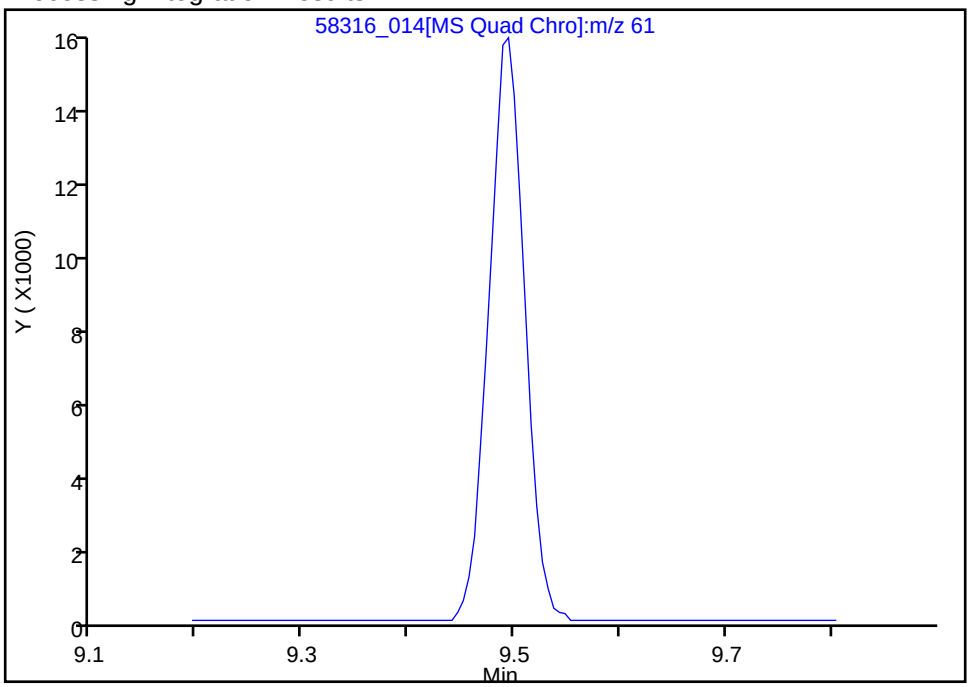
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

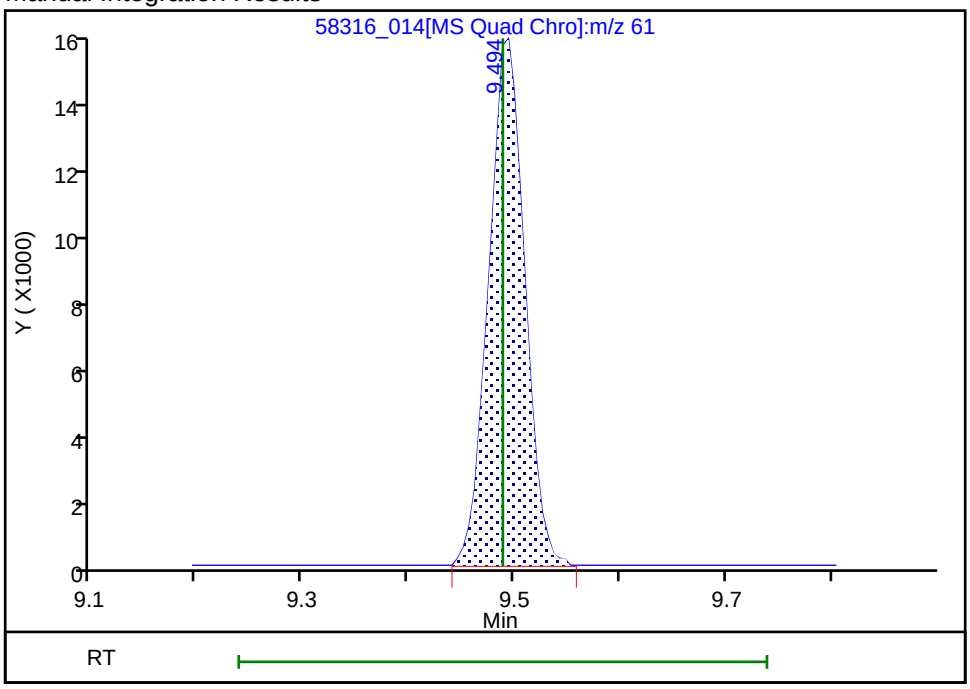
Not Detected
Expected RT: 9.49

Processing Integration Results



Manual Integration Results

RT: 9.49
Area: 35967
Amount: 0.549591
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:23:03 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

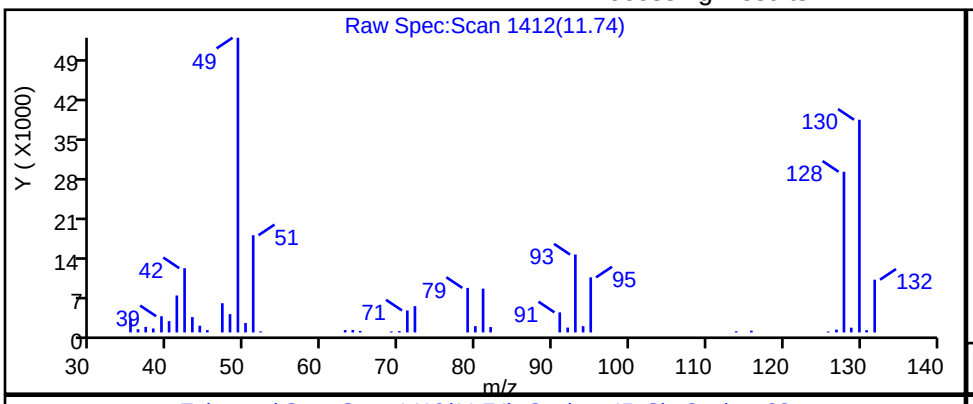
User Disabled Compound Report

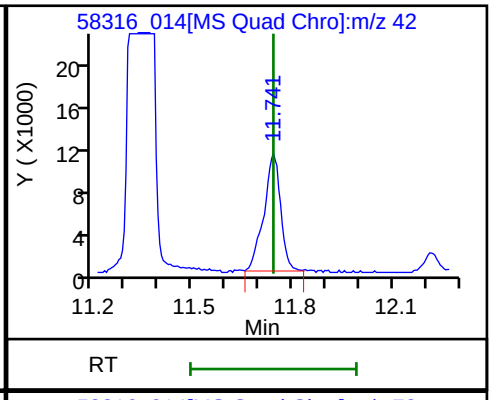
Eurofins Burlington

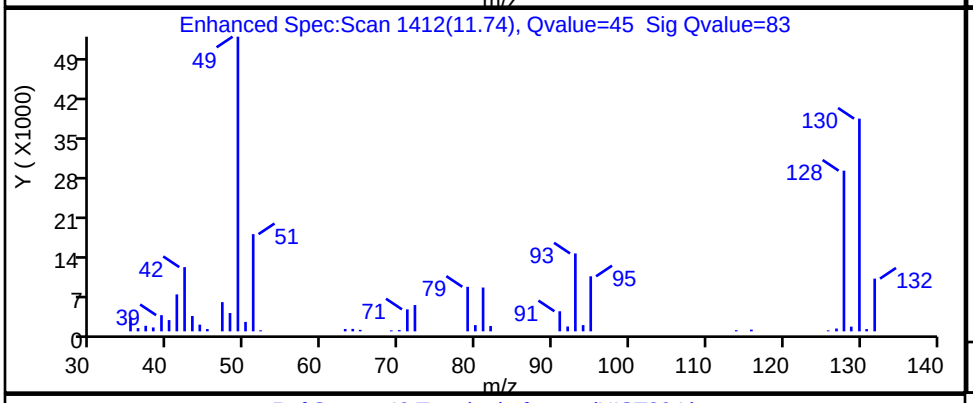
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

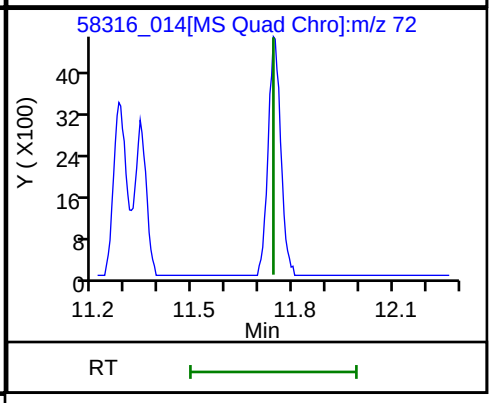
40 Tetrahydrofuran, CAS: 109-99-9

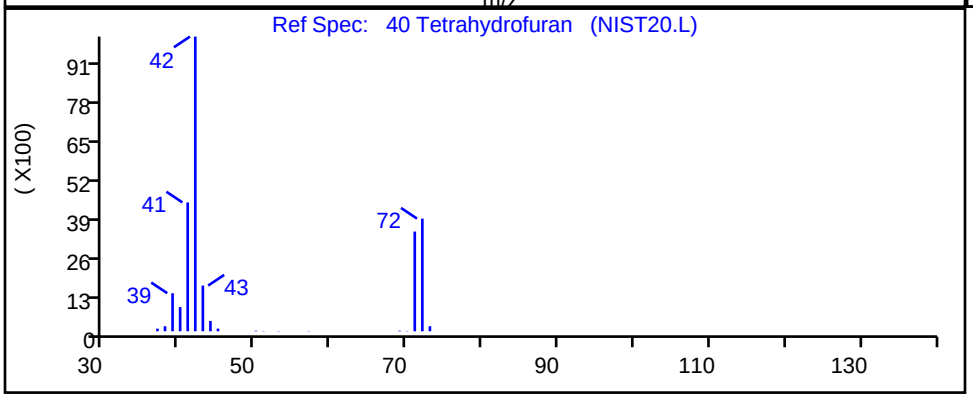
Processing Results











RT	Mass	Response	Amount
11.74	42.00	39336	0.846040
11.74	72.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:34:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

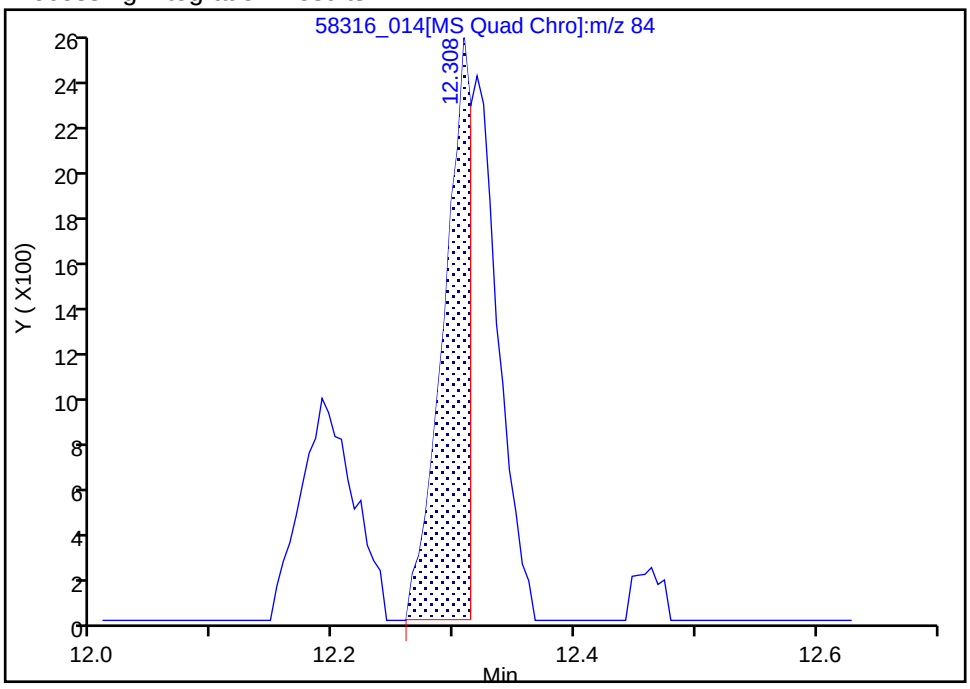
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

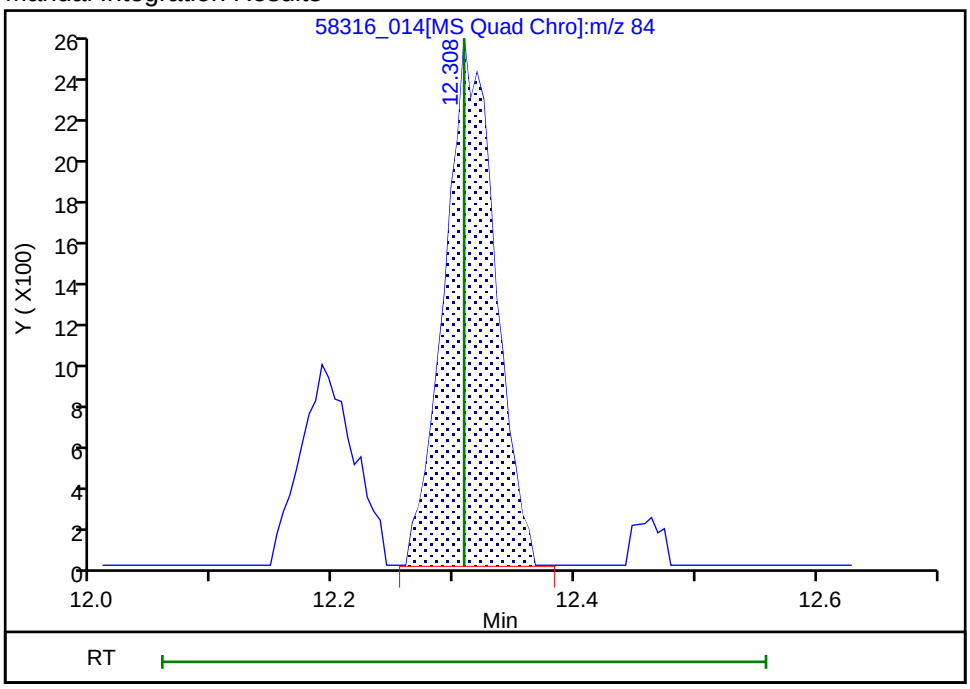
Processing Integration Results

RT: 12.31
Area: 4137
Amount: 0.080627
Amount Units: ppb v/v



Manual Integration Results

RT: 12.31
Area: 7502
Amount: 0.146208
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:24:19 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

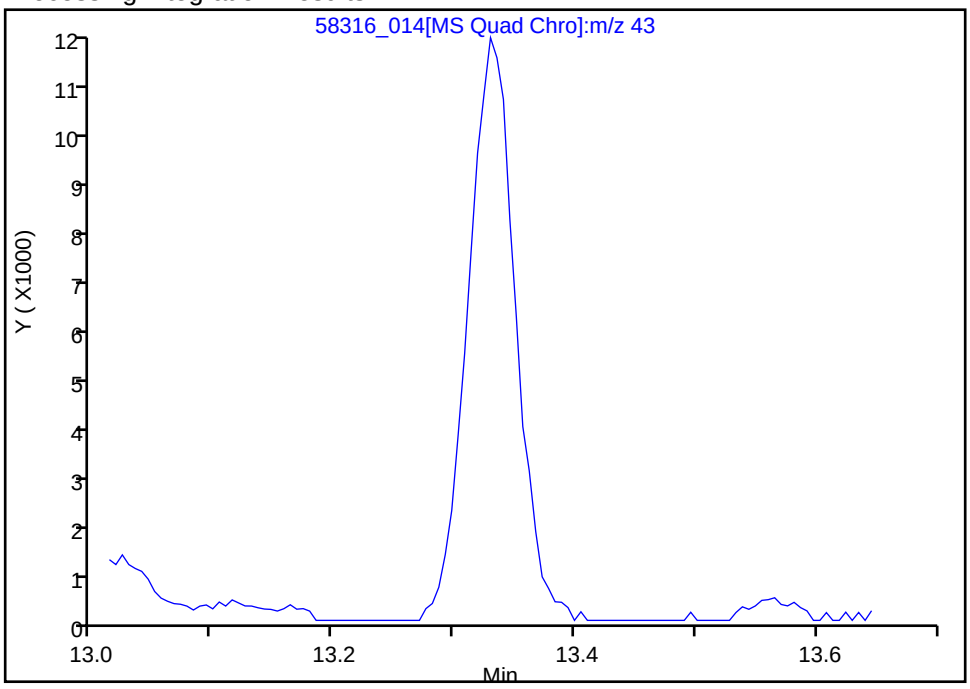
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5

Signal: 1

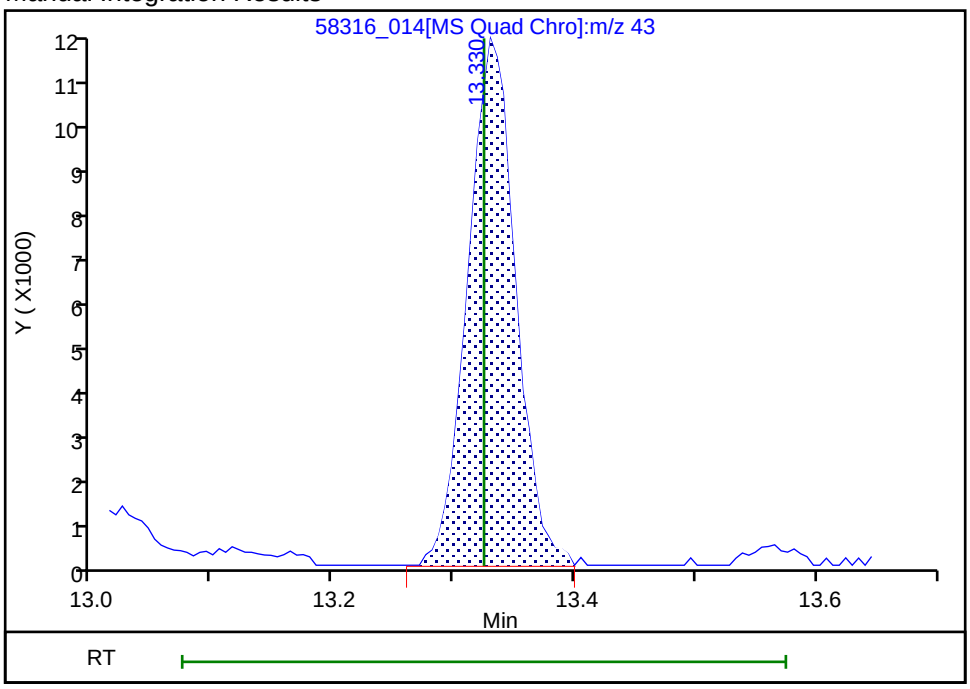
Not Detected
Expected RT: 13.32

Processing Integration Results



Manual Integration Results

RT: 13.33
Area: 31027
Amount: 0.409320
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:24:46 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

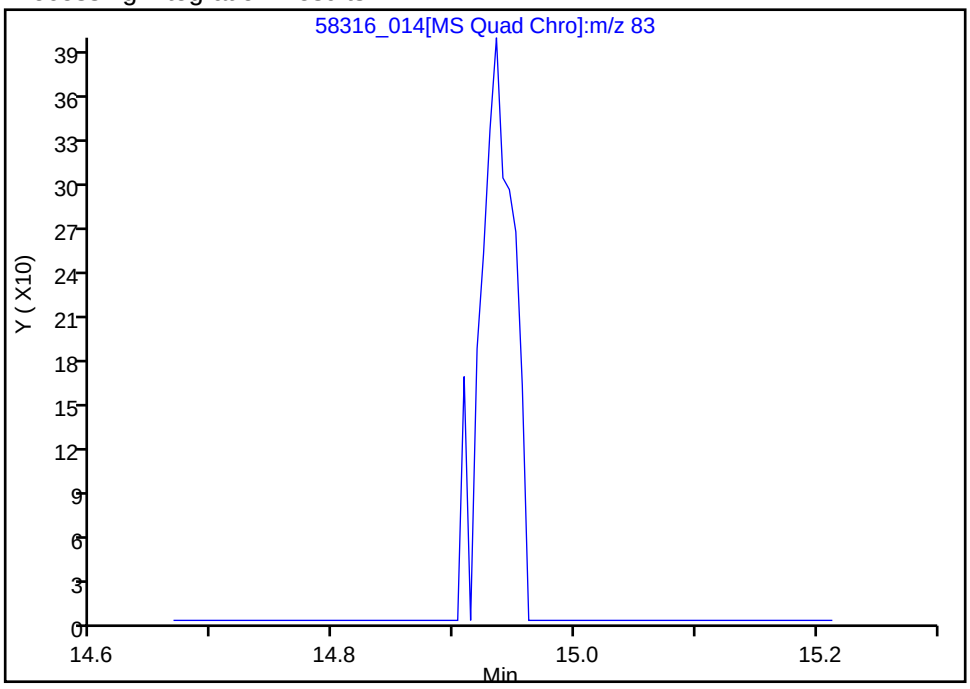
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

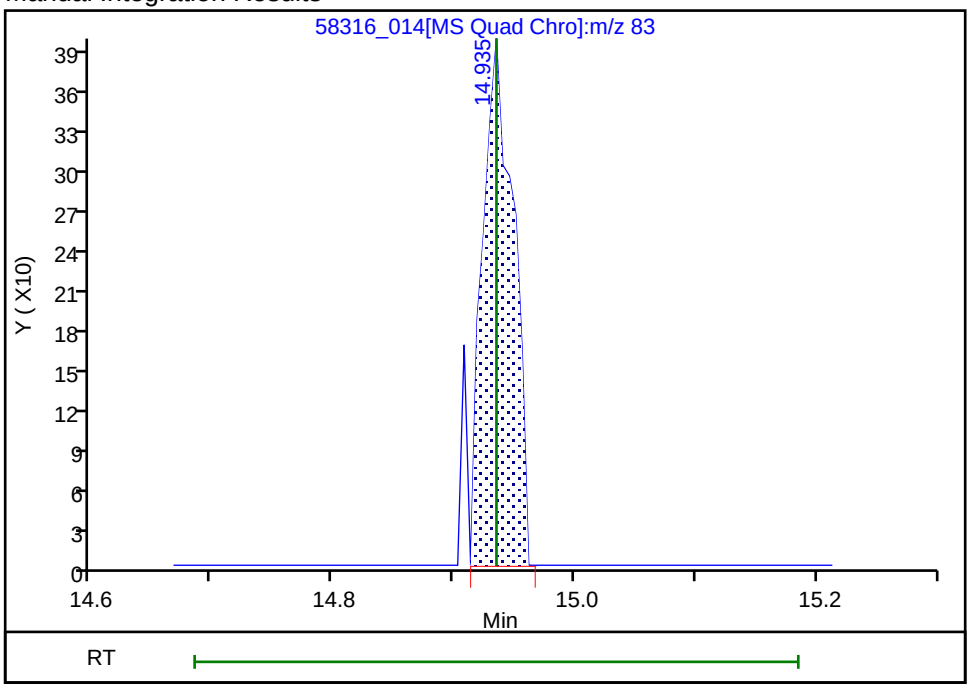
Not Detected
Expected RT: 14.93

Processing Integration Results



Manual Integration Results

RT: 14.93
Area: 705
Amount: 0.007359
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:25:15 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

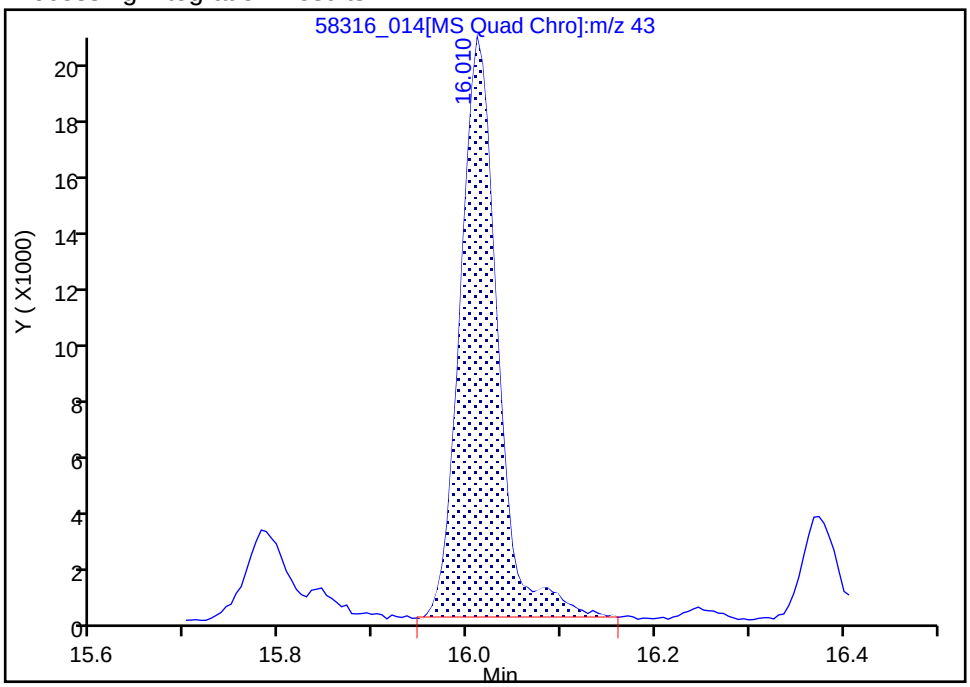
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

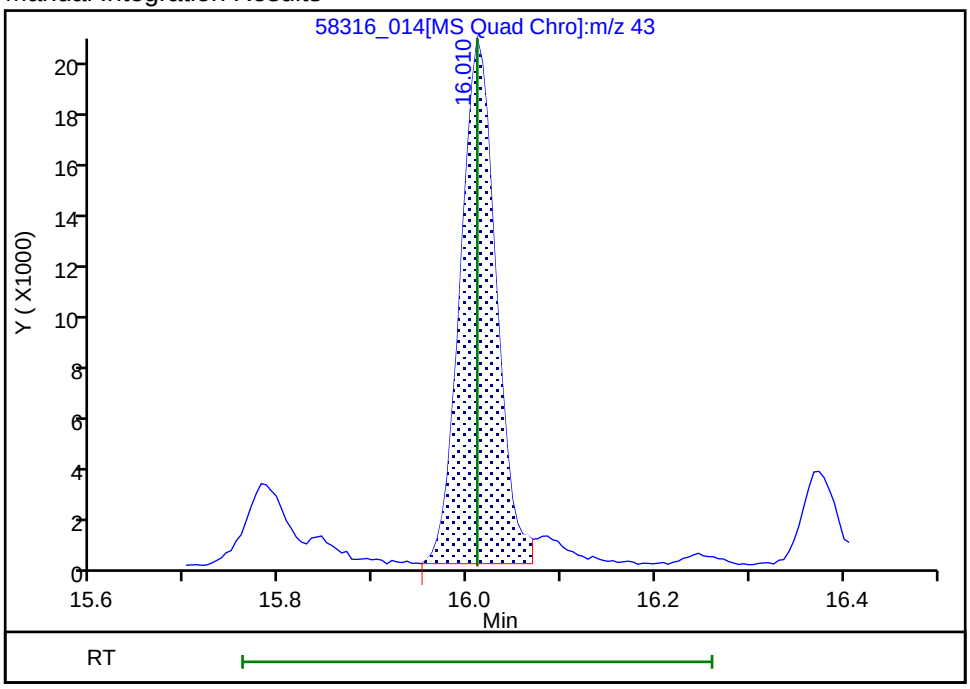
Processing Integration Results

RT: 16.01
Area: 55795
Amount: 0.556240
Amount Units: ppb v/v



Manual Integration Results

RT: 16.01
Area: 53552
Amount: 0.533879
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 08:25:30 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

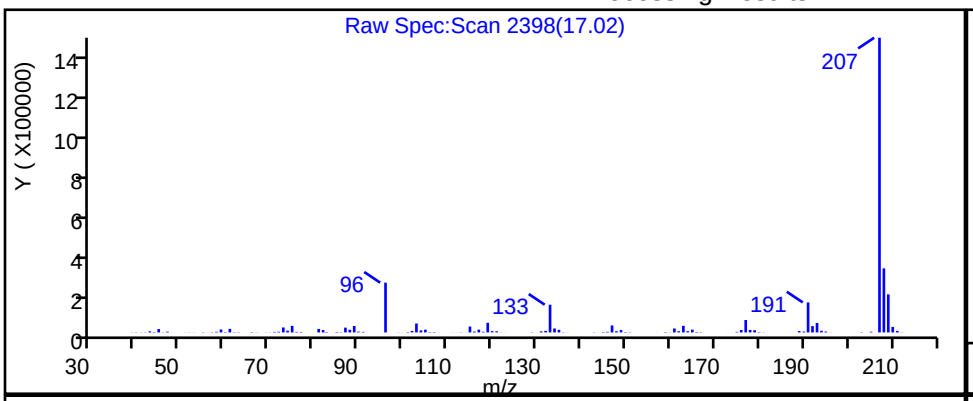
User Disabled Compound Report

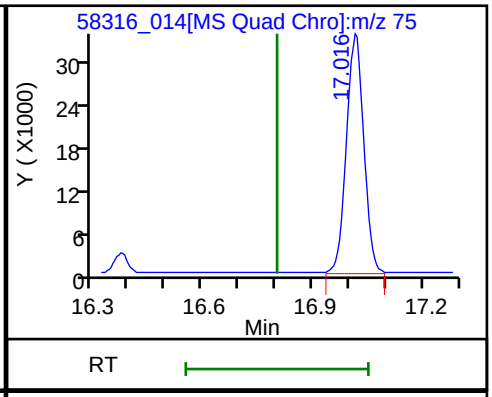
Eurofins Burlington

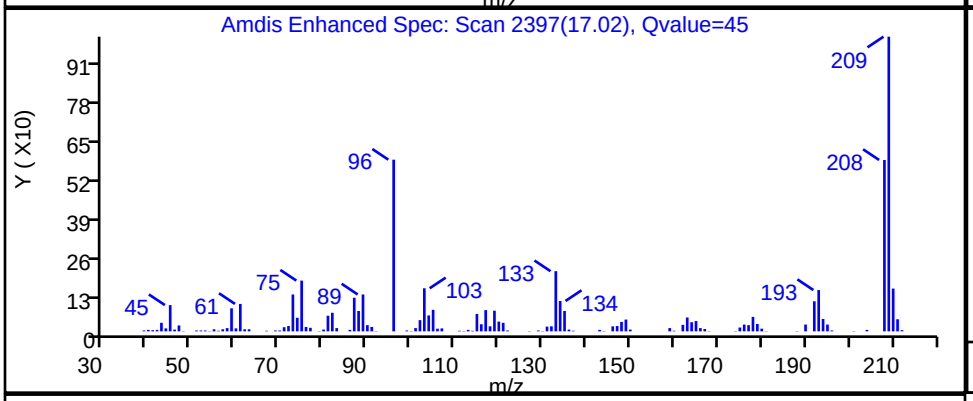
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Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

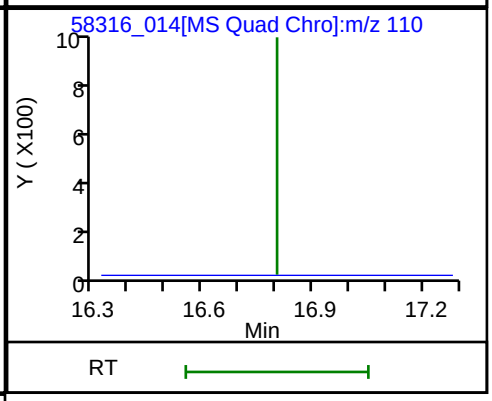
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

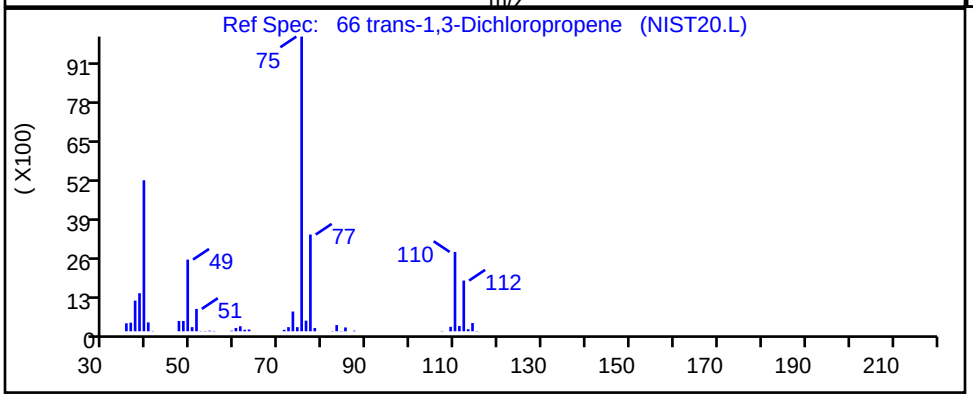
Processing Results











RT	Mass	Response	Amount
17.02	75.00	109655	1.577678
16.80	110.00	0	

Reviewer: F7XK, 21-Dec-2023 08:25:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

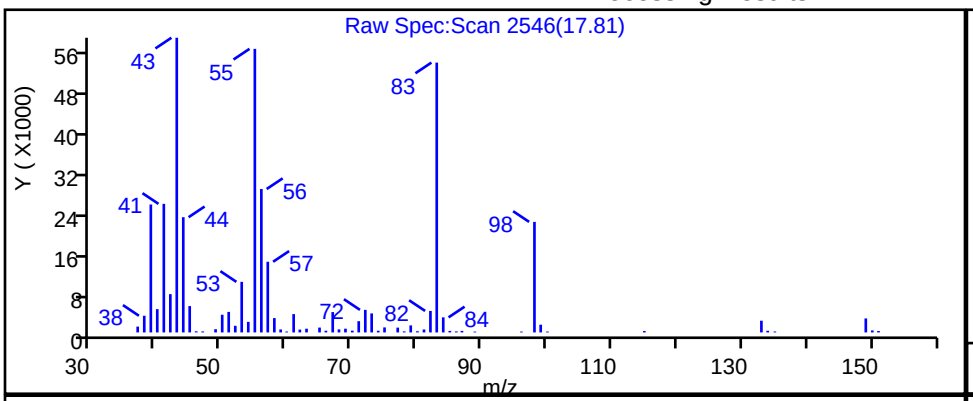
User Disabled Compound Report

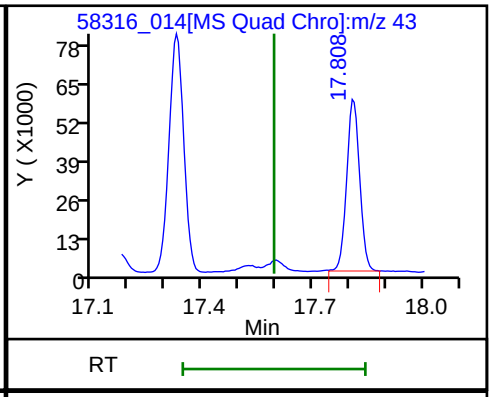
Eurofins Burlington

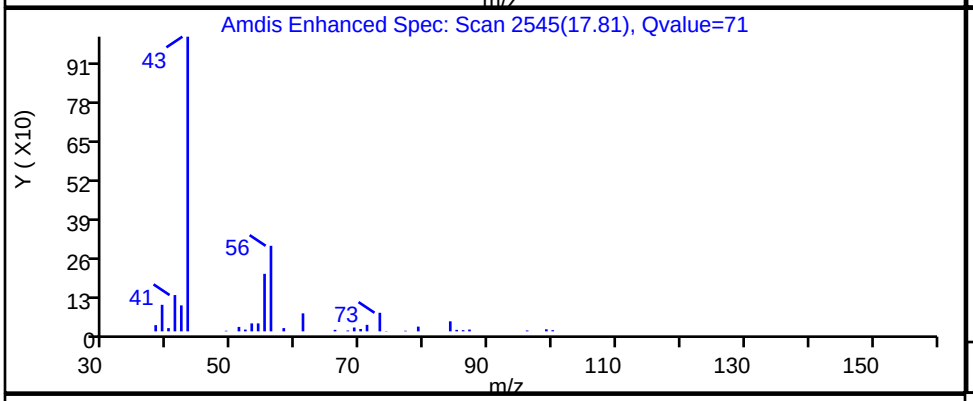
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

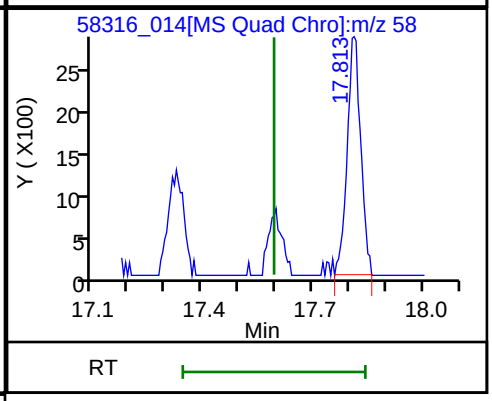
69 2-Hexanone, CAS: 591-78-6

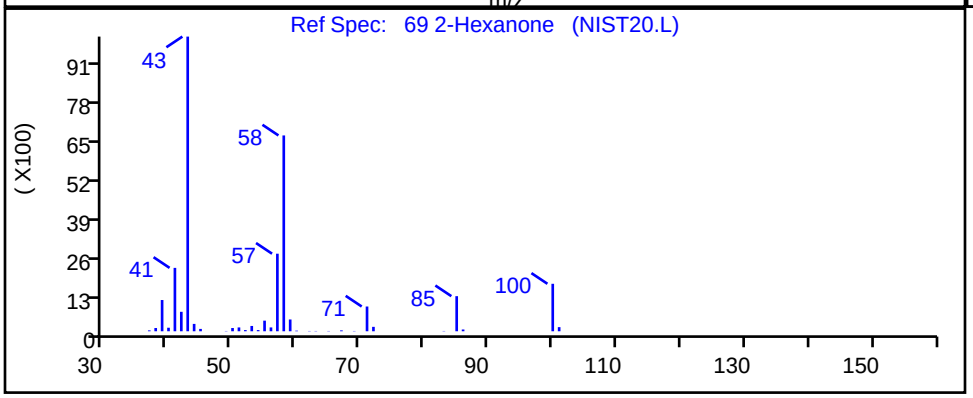
Processing Results











RT	Mass	Response	Amount
17.81	43.00	144368	1.460019
17.81	58.00	7462	

Reviewer: F7XK, 21-Dec-2023 08:26:02 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

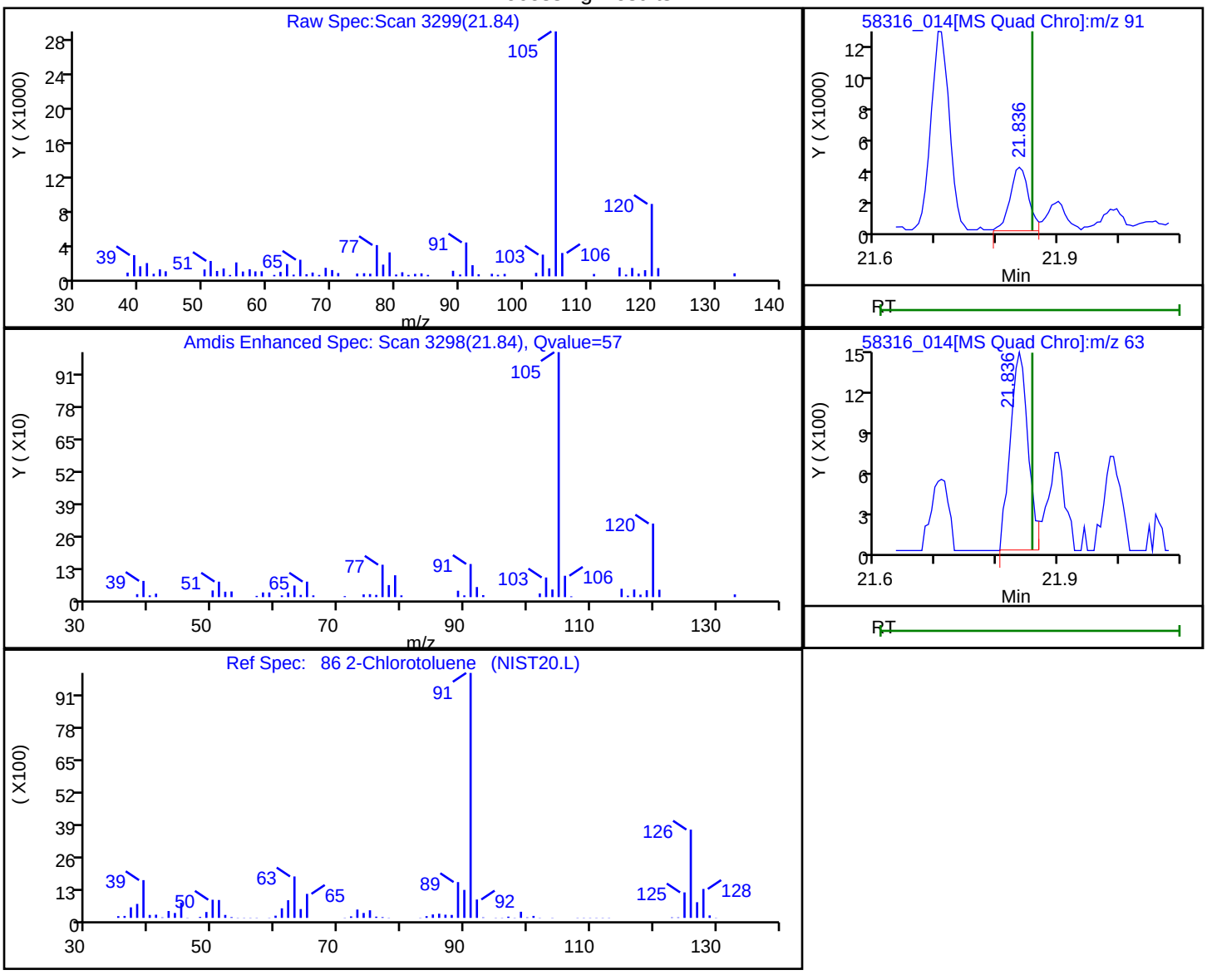
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.84	91.00	8159	0.046556
21.84	63.00	2892	

Reviewer: F7XK, 21-Dec-2023 08:26:39 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

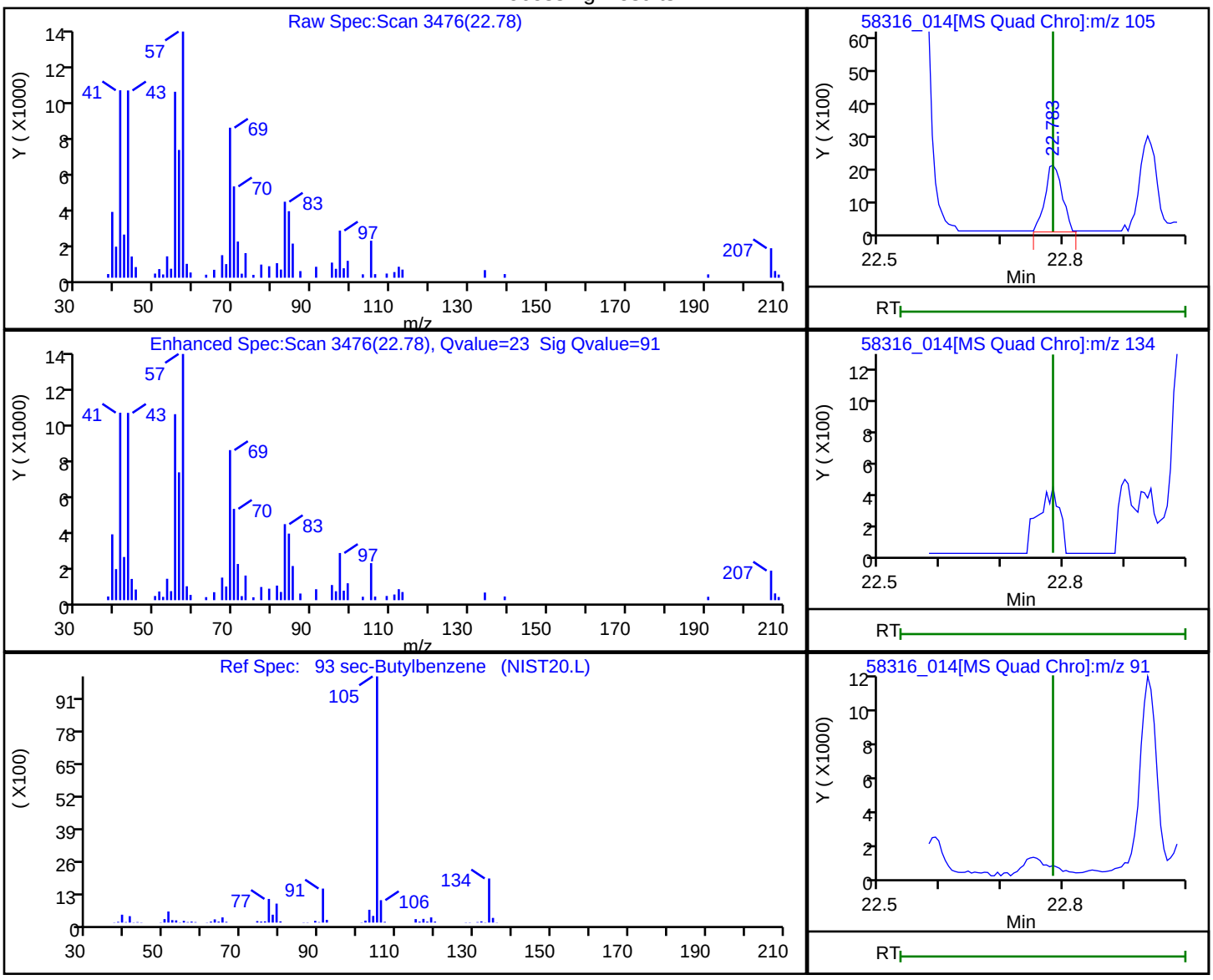
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
22.78	105.00	3864	0.015135
22.78	134.00	0	
22.78	91.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:33:28 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

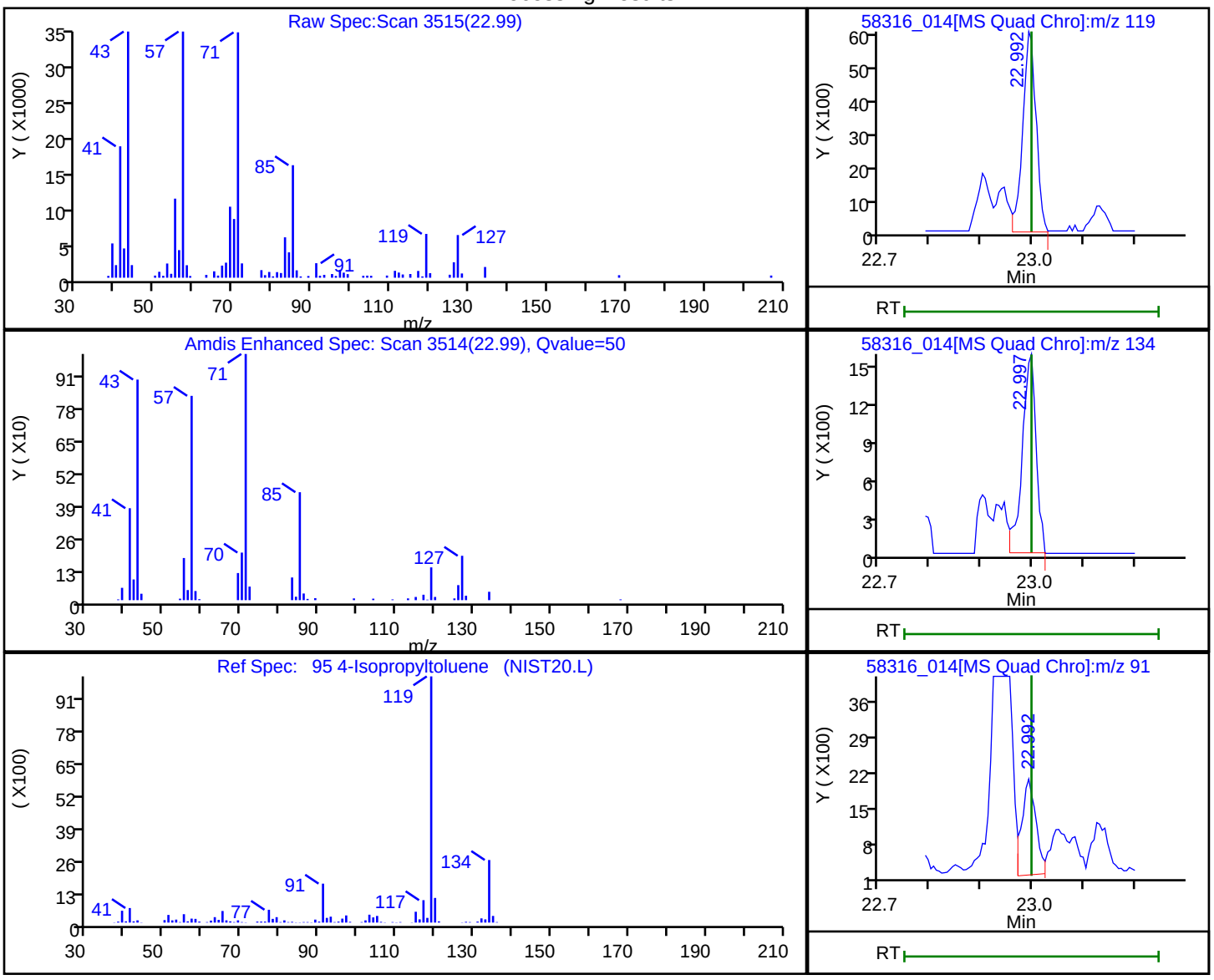
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
22.99	119.00	10937	0.052947
23.00	134.00	2942	
22.99	91.00	3677	

Reviewer: BKZ7, 21-Dec-2023 07:33:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

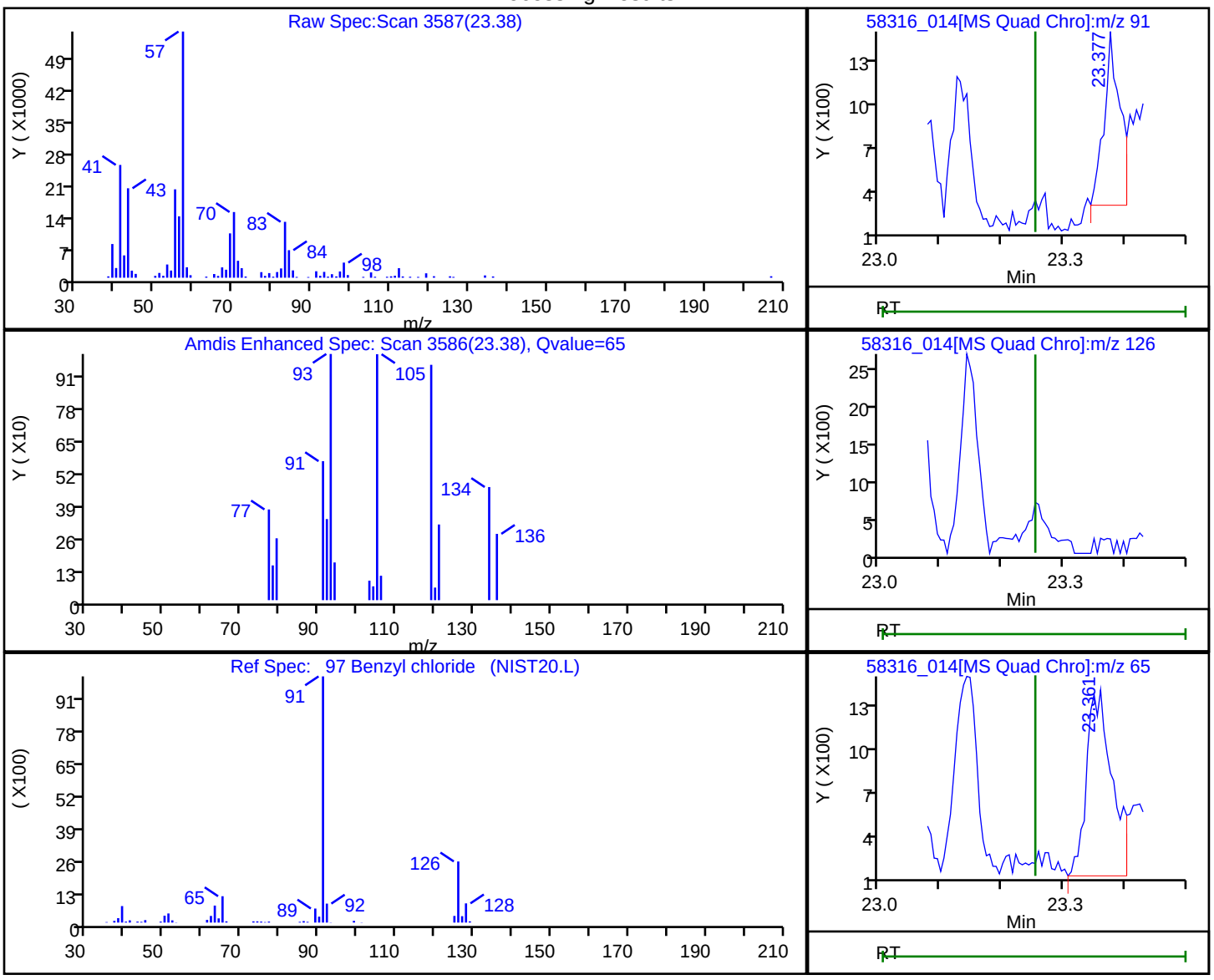
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.38	91.00	1971	0.012009
23.25	126.00	0	
23.36	65.00	3336	

Reviewer: F7XK, 21-Dec-2023 08:27:28 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

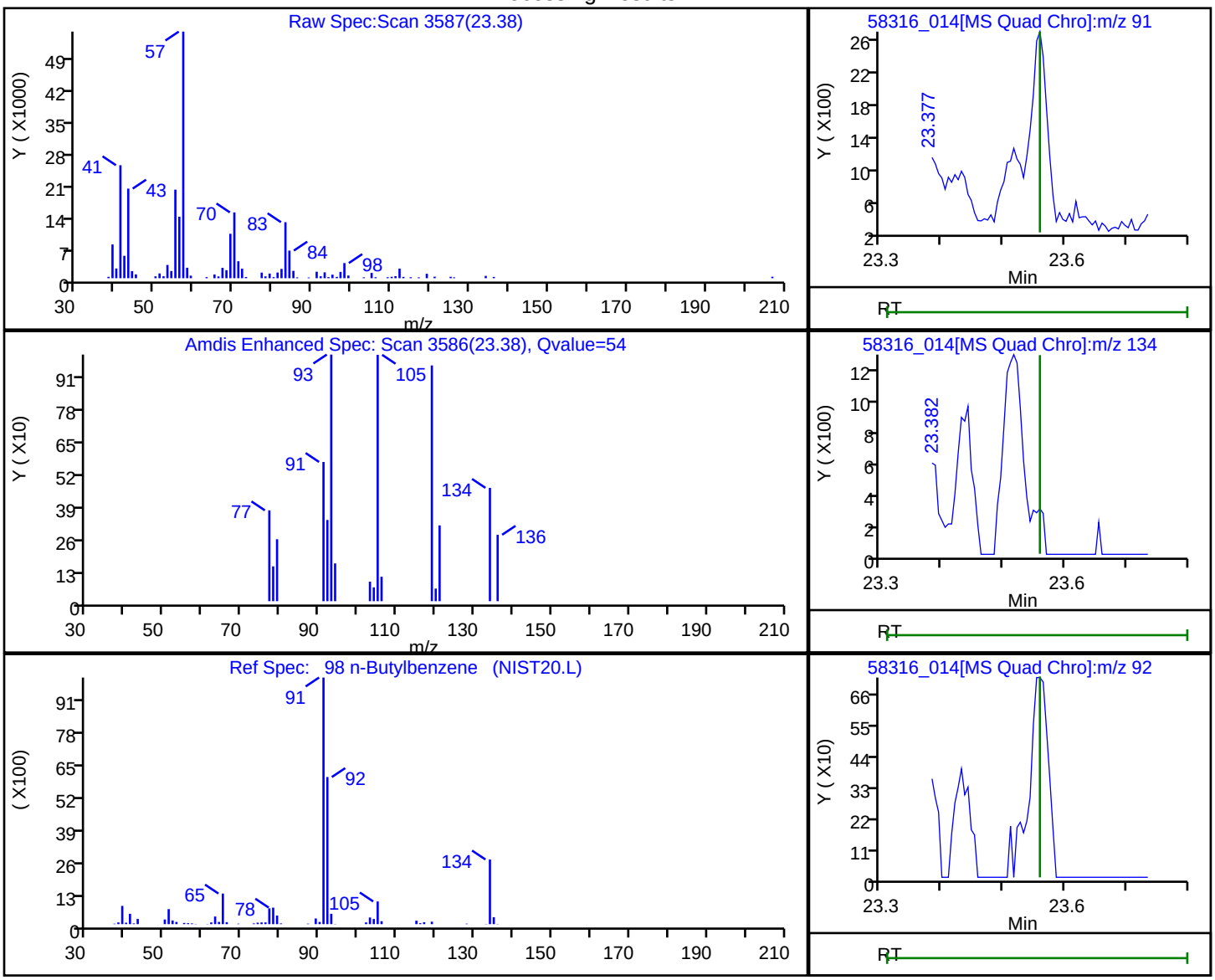
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_014.D				
Injection Date:	20-Dec-2023 19:06:49	Instrument ID:	CHAM.i		
Lims ID:	200-71332-A-3	Lab Sample ID:	200-71332-3		
Client ID:	SVES-EFF-08_20231218				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
23.38	91.00	1971	0.008893
23.38	134.00	1060	
23.56	92.00	0	

Reviewer: BKZ7, 21-Dec-2023 07:33:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-198744/4	58268_004.D
Level 2	IC 200-198744/5	58268_005.D
Level 3	IC 200-198744/6	58268_006.D
Level 4	IC 200-198744/7	58268_007.D
Level 5	ICIS 200-198744/8	58268_008.D
Level 6	IC 200-198744/10	58268_010.D
Level 7	IC 200-198744/12	58268_012.D
Level 8	IC 200-198744/13	58268_013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.5831	+++++ 0.5313	+++++ 0.5554	0.5981	0.6302	Ave		0.5796				6.6		30.0			
Dichlorodifluoromethane	+++++ 2.3392	+++++ 2.2564	2.5722 2.3207	2.2129	2.3422	Ave		2.3406				5.3		30.0			
Chlorodifluoromethane	+++++ 1.3251	+++++ 1.2327	1.4803 1.2785	1.3046	1.4035	Ave		1.3374				6.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.5674	2.7274 2.4852	2.7940 2.5659	2.4702	2.6748	Ave		2.6121				4.7		30.0			
Chloromethane	+++++ 0.7953	0.9638 0.7366	0.9249 0.7525	0.8074	0.8570	Ave		0.8339				10.3		30.0			
n-Butane	+++++ 1.9226	+++++ 1.7183	2.5998 1.5981	2.2409	2.2277	Ave		2.0512				18.3		30.0			
Vinyl chloride	1.9659 1.3879	1.7627 1.2479	1.7148 1.1517	1.5450	1.6130	Ave		1.5486				17.7		30.0			
1,3-Butadiene	1.7172 1.0079	1.3070 0.9075	1.2684 0.8492	1.1078	1.1656	Ave		1.1663				23.6		30.0			
Bromomethane	+++++ 0.9539	1.0881 0.9193	1.0414 0.9472	0.9344	0.9999	Ave		0.9834				6.3		30.0			
Chloroethane	+++++ 0.5441	+++++ 0.5167	0.5937 0.5314	0.5438	0.5813	Ave		0.5518				5.4		30.0			
Isopentane	+++++ 1.0973	1.1755 1.0197	1.1656 1.0608	1.0992	1.1817	Ave		1.1142				5.6		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9591	0.9657 0.9371	0.9530 0.9688	0.9016	0.9913	Ave		0.9538				3.0		30.0			
Trichlorofluoromethane	+++++ 2.5235	2.7892 2.4692	2.7368 2.5455	2.4193	2.6050	Ave		2.5841				5.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.8054	+++++ 1.6680	1.9298 1.7275	1.8065	1.9081	Ave		1.8075				5.6		30.0			
Ethanol	+++++ 0.5116	+++++ 0.4188	0.4452 0.4310	0.4564	0.4478	Ave		0.4518				7.1		30.0			
Ethyl ether	+++++ 0.7591	0.6788 0.7253	0.7435 0.7495	0.7113	0.7962	Ave		0.7377				5.1		30.0			
Acrolein	+++++ 0.4150	+++++ 0.3875	+++++ 0.4071	0.3910	0.3784	Ave		0.3958				3.8		30.0			
1,1-Dichloroethene	1.2347 1.1458	1.1454 1.1231	1.1382 1.1467	1.0763	1.1903	Ave		1.1501				4.0		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 2.4622	2.6799 2.3847	2.5817 2.4098	2.3340	2.5379	Ave		2.4843				4.9		30.0			
Acetone	+++++ 1.9256	+++++ 1.6234	+++++ 1.6264	1.7601	1.9110	Ave		1.7693				8.3		30.0			
Carbon disulfide	+++++ 3.5346	+++++ 3.3654	3.7343 3.3350	3.4255	3.7010	Ave		3.5160				4.9		30.0			
Isopropyl alcohol	+++++ 1.8316	+++++ 1.6805	+++++ 1.6937	1.6701	1.9713	Ave		1.7695				7.4		30.0			
Acetonitrile	+++++ 0.9042	+++++ 0.8299	+++++ 0.8416	0.8703	0.9770	Ave		0.8846				6.7		30.0			
3-Chloropropene	+++++ 1.5961	1.5492 1.4770	1.5391 1.4766	1.4990	1.4512	Ave		1.5126				3.4		30.0			
Methylene Chloride	+++++ 1.4858	+++++ 1.3818	1.6819 1.3669	1.4850	1.6073	Ave		1.5014				8.3		30.0			
tert-Butyl alcohol	+++++ 2.3988	+++++ 2.2527	+++++ 2.2506	2.1392	2.5191	Ave		2.3121				6.4		30.0			
Acrylonitrile	+++++ 0.9721	+++++ 0.9096	0.9667 0.9116	0.8885	1.0163	Ave		0.9441				5.2		30.0			
trans-1,2-Dichloroethene	2.0742 1.9637	1.8594 1.8418	1.9491 1.7941	1.8566	2.0571	Ave		1.9245				5.4		30.0			
Methyl tert-butyl ether	+++++ 3.4584	2.7892 3.2798	2.9409 3.2281	3.1300	3.5305	Ave		3.1938				8.3		30.0			
n-Hexane	+++++ 1.9640	1.6554 1.8487	1.7854 1.8412	1.8853	2.0546	Ave		1.8621				6.8		30.0			
1,1-Dichloroethane	2.8046 2.3715	2.4488 2.2361	2.4475 2.1831	2.2730	2.4965	Ave		2.4076				8.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.9955	+++++ 2.7942	+++++ 2.8243	2.5624	3.1104	Ave		2.8574				7.3		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.7014	+++++ 0.6142	0.5789 0.6182	0.5923	0.6667	Ave		0.6286				7.4		30.0			
cis-1,2-Dichloroethene	1.2866 1.2870	1.2159 1.2418	1.1997 1.2281	1.2039	1.3221	Ave		1.2481				3.6		30.0			
Ethyl acetate	+++++ 0.1106	+++++ 0.1052	+++++ 0.1077	0.1001	0.1112	Ave		0.1070				4.2		30.0			
Tetrahydrofuran	+++++ 0.2896	+++++ 0.2696	+++++ 0.2671	0.2794	0.3149	Ave		0.2841				6.8		30.0			
Chloroform	+++++ 2.6897	2.8502 2.5681	2.8228 2.5169	2.5646	2.7818	Ave		2.6849				5.1		30.0			
1,1,1-Trichloroethane	+++++ 0.5289	0.5443 0.5124	0.5286 0.5095	0.4906	0.5473	Ave		0.5231				3.9		30.0			
Cyclohexane	+++++ 0.3347	0.2730 0.3232	0.2854 0.3233	0.3087	0.3464	Ave		0.3135				8.4		30.0			
Carbon tetrachloride	0.5512 0.5238	0.5199 0.5110	0.5141 0.5120	0.4820	0.5417	Ave		0.5195				4.0		30.0			
Benzene	+++++ 0.8064	0.8227 0.7721	0.8113 0.7537	0.7636	0.8428	Ave		0.7961				4.2		30.0			
1,2-Dichloroethane	+++++ 0.3688	0.3897 0.3491	0.3859 0.3422	0.3547	0.3902	Ave		0.3687				5.5		30.0			
2,2,4-Trimethylpentane	+++++ 1.3216	1.0526 1.2400	1.1466 1.2003	1.2606	1.4074	Ave		1.2327				9.4		30.0			
n-Heptane	+++++ 0.4947	0.3929 0.4581	0.4339 0.4533	0.4786	0.5308	Ave		0.4632				9.5		30.0			
n-Butanol	+++++ 0.1549	+++++ 0.1294	+++++ 0.1376	0.1197	0.1451	Ave		0.1373				9.9		30.0			
Trichloroethene	0.4341 0.3606	0.3627 0.3498	0.3524 0.3466	0.3339	0.3742	Ave		0.3643				8.4		30.0			
1,2-Dichloropropane	+++++ 0.3322	0.3341 0.3143	0.3370 0.3109	0.3185	0.3534	Ave		0.3286				4.6		30.0			
Methyl methacrylate	+++++ 0.3065	+++++ 0.2931	0.2362 0.2945	0.2749	0.3160	Ave		0.2869				9.9		30.0			
1,4-Dioxane	+++++ 0.1588	0.2995 0.1515	0.1431 0.1456	0.1546	0.1775	Ave		0.1758				31.7	*	30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.2753	0.3059 0.2706	0.2919 0.2646	0.2605	0.3099	Ave		0.2826				7.1		30.0			
Bromodichloromethane	+++++ 0.6051	0.5750 0.5796	0.5894 0.5700	0.5626	0.6161	Ave		0.5854				3.3		30.0			
cis-1,3-Dichloropropene	+++++ 0.4937	0.3767 0.4757	0.3829 0.4760	0.4263	0.5043	Ave		0.4479				11.7		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.6567	+++++ 0.6119	0.4937 0.5974	0.6135	0.7045	Ave		0.6129				11.5		30.0			
Toluene	+++++ 0.5923	0.5122 0.5866	0.5254 0.5731	0.5640	0.6378	Ave		0.5702				7.4		30.0			
n-Octane	+++++ 0.6973	0.4809 0.6438	0.5606 0.6194	0.6729	0.7509	Ave		0.6323				14.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4635	0.3648 0.4447	0.3792 0.4440	0.4059	0.4709	Ave		0.4247				9.8		30.0			
1,1,2-Trichloroethane	+++++ 0.3307	0.3494 0.3255	0.3492 0.3215	0.3223	0.3579	Ave		0.3366				4.5		30.0			
Tetrachloroethene	0.4691 0.4213	0.4459 0.4229	0.4451 0.4143	0.4084	0.4523	Ave		0.4349				4.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.6735	+++++ 0.6424	0.5111 0.6339	0.6360	0.7493	Ave		0.6410				12.0		30.0			
Dibromochloromethane	+++++ 0.6032	0.5244 0.5962	0.5594 0.5811	0.5630	0.5767	Ave		0.5720				4.6		30.0			
1,2-Dibromoethane	+++++ 0.5609	0.5290 0.5539	0.5411 0.5412	0.5290	0.6006	Ave		0.5508				4.5		30.0			
Chlorobenzene	+++++ 0.7802	0.8467 0.7682	0.8331 0.7402	0.7536	0.8399	Ave		0.7945				5.6		30.0			
Ethylbenzene	+++++ 1.3504	1.1800 1.3177	1.2180 1.2365	1.2897	1.4578	Ave		1.2929				7.2		30.0			
m,p-Xylene	+++++ 0.5006	0.3975 0.4913	0.4398 0.4582	0.4775	0.5434	Ave		0.4726				9.9		30.0			
n-Nonane	+++++ 0.7367	0.5912 0.7113	0.6943 0.6748	0.7299	0.8167	Ave		0.7078				9.7		30.0			
o-Xylene	+++++ 0.4782	0.3396 0.4763	0.3680 0.4605	0.4423	0.5137	Ave		0.4398				14.3		30.0			
Styrene	+++++ 0.8073	0.5337 0.8027	0.6097 0.7625	0.7495	0.8788	Ave		0.7349				16.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.5468	0.3711 0.5367	0.4644 0.5273	0.4792	0.3909	Ave		0.4738				14.8		30.0			
Cumene	+++++ 1.4271	0.9891 1.3989	1.1085 1.3009	1.3517	1.5471	Ave		1.3033				14.8		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8821	0.9149 0.8588	0.9144 0.8261	0.8671	0.9680	Ave		0.8902				5.2		30.0			
1,2,3-Trichloropropane	+++++ 0.6877	+++++ 0.6681	0.7098 0.6583	0.6696	0.7511	Ave		0.6908				5.0		30.0			
n-Propylbenzene	+++++ 1.8156	1.5179 1.7346	1.6134 1.5606	1.7797	1.9987	Ave		1.7172				9.7		30.0			
2-Chlorotoluene	+++++ 1.1745	1.0350 1.1348	1.0934 1.1080	1.1291	1.2778	Ave		1.1361				6.7		30.0			
4-Ethyltoluene	+++++ 1.4290	1.1372 1.3726	1.2947 1.2643	1.3851	1.5601	Ave		1.3490				9.9		30.0			
1,3,5-Trimethylbenzene	+++++ 1.2192	0.9884 1.1678	1.1065 1.0558	1.1784	1.3569	Ave		1.1533				10.4		30.0			
n-Decane	+++++ 0.9664	+++++ 0.9066	0.9070 0.8301	0.9628	1.1065	Ave		0.9466				9.8		30.0			
Alpha Methyl Styrene	+++++ 0.5928	0.3733 0.5956	0.4218 0.5819	0.5498	0.6462	Ave		0.5374				18.7		30.0			
tert-Butylbenzene	+++++ 1.0987	0.8481 1.0634	0.9561 0.9956	1.0506	1.1981	Ave		1.0301				10.8		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2295	1.1491 1.1811	1.0829 1.0915	1.1833	1.3563	Ave		1.1820				7.9		30.0			
sec-Butylbenzene	+++++ 1.7775	1.4347 1.6659	1.5527 1.4678	1.7220	1.9644	Ave		1.6550				11.3		30.0			
1,3-Dichlorobenzene	+++++ 0.8059	0.7671 0.7695	0.7843 0.7205	0.7605	0.8634	Ave		0.7816				5.7		30.0			
4-Isopropyltoluene	+++++ 1.4679	1.0767 1.3809	1.2255 1.2287	1.3958	1.5982	Ave		1.3391				13.0		30.0			
1,4-Dichlorobenzene	+++++ 0.8059	0.7761 0.7723	0.7814 0.7305	0.7660	0.8687	Ave		0.7858				5.5		30.0			
Benzyl chloride	+++++ 1.2043	0.8121 1.1437	0.8828 1.0870	1.0926	1.2256	Ave		1.0640				14.8		30.0			
n-Butylbenzene	+++++ 1.5736	1.1619 1.4973	1.2592 1.3068	1.5178	1.7411	Ave		1.4368				14.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.7794	0.7564 0.7546	0.7670 0.7007	0.7401	0.8429	Ave		0.7630				5.7		30.0			
n-Undecane	+++++ 1.0616	+++++ 1.0055	+++++ 0.9305	0.9751	1.1869	Ave		1.0319				9.6		30.0			
n-Dodecane	+++++ 0.9929	+++++ 0.9523	+++++ 0.8911	0.8247	1.1159	Ave		0.9554				11.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.6552	+++++ 0.6328	0.5230 0.6112	0.5722	0.6953	Ave		0.6149				9.9		30.0			
Hexachlorobutadiene	+++++ 0.5207	0.4932 0.5064	0.4897 0.4862	0.4735	0.5599	Ave		0.5042				5.7		30.0			
Naphthalene	+++++ 1.5983	+++++ 1.5060	1.0272 1.4036	1.3191	1.6837	Ave		1.4230				16.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6076	+++++ 0.5873	0.5095 0.5719	0.5322	0.6518	Ave		0.5767				8.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-71332-1 | Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 | Calibration End Date: 12/15/2023 23:35 | Calibration ID: 51375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-198744/4	58268_004.D
Level 2	IC 200-198744/5	58268_005.D
Level 3	IC 200-198744/6	58268_006.D
Level 4	IC 200-198744/7	58268_007.D
Level 5	ICIS 200-198744/8	58268_008.D
Level 6	IC 200-198744/10	58268_010.D
Level 7	IC 200-198744/12	58268_012.D
Level 8	IC 200-198744/13	58268_013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 368408	+++++ 486334	+++++ 1040572	110064	241844	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1477930	+++++ 2065530	46475 4347917	407237	898786	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 837190	+++++ 1128396	26745 2395277	240086	538557	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1622090	20392 2274888	50482 4807282	454576	1026423	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 502470	7206 674288	16711 1409771	148581	328877	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 1214685	+++++ 1572904	46972 2993993	412385	854822	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2616 876867	13179 1142332	30982 2157771	284313	618975	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	2285 636811	9772 830759	22917 1590997	203861	447282	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 602675	8135 841480	18816 1774653	171945	383700	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 343772	+++++ 473011	10727 995500	100078	223049	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 693260	8789 933405	21060 1987351	202278	453444	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 605941	7220 857821	17219 1815097	165915	380393	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1594342	20854 2260278	49449 4768967	445213	999631	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 1140655	+++++ 1526876	34868 3236513	332439	732191	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 431919	+++++ 766910	80537 2018679	168106	257880	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 479621	5075 663904	13433 1404276	130900	305526	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 262202	+++++ 354695	+++++ 762740	71957	145211	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	1643 723896	8564 1028050	20565 2148356	198065	456773	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 1555608	20037 2182975	46646 4514849	429517	973871	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 1216612	+++++ 1486033	+++++ 3047102	323909	733327	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 2233191	+++++ 3080638	67471 6248135	630378	1420201	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1157238	+++++ 1538320	+++++ 3173212	307339	756461	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 571278	+++++ 759702	+++++ 1576784	160165	374923	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 1008454	11583 1351986	27808 2766368	275850	556870	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 938739	+++++ 1264843	30388 2560886	273275	616791	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1515564	+++++ 2062103	+++++ 4216528	393666	966649	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 614170	+++++ 832624	17467 1707887	163514	389994	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	2760 1240679	13902 1685997	35217 3361223	341657	789370	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 2185044	20854 3002273	53135 6047867	576002	1354784	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 1240898	12377 1692244	32259 3449464	346946	788424	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3732 1498341	18309 2046885	44222 4090002	418284	957978	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1495148	+++++ 2020669	+++++ 4180145	372518	942911	+++++ 11.9	+++++ 15.8	+++++ 31.6	3.94	7.90
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 443159	+++++ 562232	10459 1158162	108995	255832	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1712 813150	9091 1136735	21676 2300946	221550	507330	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 69873	+++++ 96297	+++++ 201820	18428	42675	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	247729	576434	+++++	+++++	+++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			885569	1186336	2404457			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1699379	21310 2350848	51002 4715366	471959	1067455	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1617578	19535 2254684	45994 4586271	435033	1001788	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 1023684	9799 1422266	24829 2910358	273778	634082	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	3479 1601970	18660 2248524	44731 4609439	427380	991508	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 2466241	29529 3397420	70591 6784764	677149	1542767	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 1127908	13987 1535908	33580 3080872	314527	714155	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 4042100	37780 5456125	99763 10805062	1117815	2576072	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 1513083	14103 2015481	37752 4081022	424444	971528	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 473766	+++++ 569384	+++++ 1238470	106166	265624	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2740 1102863	13017 1539135	30657 3119684	296103	684957	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 1016021	11992 1382738	29325 2798482	282424	646961	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 937520	+++++ 1289511	20548 2650851	243760	578507	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 485731	10751 666651	12455 1310700	137079	324952	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 841931	10979 1190460	25394 2381527	230976	567276	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1850559	20636 2550469	51286 5131406	498900	1127670	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1510060	13520 2093098	33313 4284806	378015	923052	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 2008599	+++++ 2692579	42951 5377786	543998	1289470	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 1699796	16155 2355645	40323 4695118	450706	1050762	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 2132660	17260 2832567	48774 5575658	596715	1374529	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 1417532	13095 1956566	32992 3996844	359955	861955	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 948944	11022 1307116	26799 2633642	257504	589515	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd5	Ave	2593 1209099	14064 1698053	34160 3394319	326322	745082	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1932883	+++++ 2579363	39222 5193229	508169	1234296	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1731187	16541 2394180	42931 4760579	449882	949978	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1609570	16686 2224073	41526 4433609	422704	989356	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 2238978	26705 3084582	63939 6063427	602141	1383553	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 3875464	37220 5291284	93476 10129914	1030515	2401510	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2873385	25075 3945226	67507 7506766	763035	1790310	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
n-Nonane	CBNZd5	Ave	+++++ 2114182	18646 2856089	53285 5527625	583272	1345398	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
o-Xylene	CBNZd5	Ave	+++++ 1372468	10713 1912743	28245 3772351	353452	846290	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd5	Ave	+++++ 2316891	16834 3223060	46793 6246756	598933	1447655	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd5	Ave	+++++ 1569091	11705 2155101	35643 4319652	382908	643901	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd5	Ave	+++++ 4095439	31199 5617072	85072 10656698	1080085	2548689	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	28858	70176	692888	1594638	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			2531375	3448379	6767885			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	54474	535073	1237313	+++++	+++++	0.500	4.99	10.00
			1973694	2682919	5392986			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	47878	123822	1422055	3292518	+++++	0.200	0.500	4.99	10.00
			5210536	6965178	12784276			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	32645	83913	902245	2105016	+++++	0.200	0.500	4.99	10.00
			3370714	4556919	9076986			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	35869	99364	1106797	2570072	+++++	0.200	0.500	4.99	10.00
			4100827	5511800	10357313			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	31176	84922	941575	2235275	+++++	0.200	0.500	4.99	10.00
			3498931	4689093	8649504			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	69607	769329	1822813	+++++	+++++	0.500	4.99	10.00
			2773338	3640566	6800514			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	11776	32373	439284	1064536	+++++	0.200	0.500	4.99	10.00
			1701322	2391804	4766976			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	26751	73377	839465	1973775	+++++	0.200	0.500	4.99	10.00
			3153068	4270138	8155831			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	36246	83106	945556	2234342	+++++	0.200	0.500	4.99	10.00
			3528490	4742564	8941999			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	45252	119163	1376006	3236118	+++++	0.200	0.500	4.99	10.00
			5100960	6689563	12024394			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	24197	60194	607681	1422334	+++++	0.200	0.500	4.99	10.00
			2312785	3089812	5902132			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	33961	94053	1115306	2632874	+++++	0.200	0.500	4.99	10.00
			4212516	5544928	10065902			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	24479	59971	612107	1431022	+++++	0.200	0.500	4.99	10.00
			2312740	3100987	5984163			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	25614	67756	873029	2019044	+++++	0.200	0.500	4.99	10.00
			3455960	4592593	8904488			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 4516038	36650 6012520	96637 10705474	1212779	2868172	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2236864	23857 3030021	58866 5740369	591367	1388526	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 3046676	+++++ 4037687	+++++ 7622896	779132	1955326	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 2849523	+++++ 3824053	+++++ 7300130	658986	1838228	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1880310	+++++ 2540951	40138 5007142	457188	1145439	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1494324	15556 2033353	37581 3983072	378373	922428	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 4586740	+++++ 6047336	78836 11498788	1054000	2773753	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1743607	+++++ 2358086	39102 4685223	425287	1073701	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-198744/4	58268_004.D
Level 2	IC 200-198744/5	58268_005.D
Level 3	IC 200-198744/6	58268_006.D
Level 4	IC 200-198744/7	58268_007.D
Level 5	ICIS 200-198744/8	58268_008.D
Level 6	IC 200-198744/10	58268_010.D
Level 7	IC 200-198744/12	58268_012.D
Level 8	IC 200-198744/13	58268_013.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Propylene	+++++ -8.3	+++++ -4.2	+++++	3.2	8.7	0.6	30	30		50	30	30
Dichlorodifluoromethane	+++++ -3.6	+++++ -0.9	9.9	-5.5	0.1	-0.1	30	30	50	30	30	30
Chlorodifluoromethane	+++++ -7.8	+++++ -4.4	10.7	-2.5	4.9	-0.9	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	+++++ -4.9	4.4 -1.8	7.0	-5.4	2.4	-1.7	30	50 30	30	30	30	30
Chloromethane	+++++ -11.7	15.6 -9.8	10.9	-3.2	2.8	-4.6	30	50 30	30	30	30	30
n-Butane	+++++ -16.2	+++++ -22.1	26.7	9.2	8.6	-6.3	30	30	50	30	30	30
Vinyl chloride	26.9 -19.4	13.8 -25.6	10.7	-0.2	4.2	-10.4	50 30	30 30	30	30	30	30
1,3-Butadiene	47.2 -22.2	12.1 -27.2	8.7	-5.0	-0.1	-13.6	50 30	30 30	30	30	30	30
Bromomethane	+++++ -6.5	10.6 -3.7	5.9	-5.0	1.7	-3.0	30	50 30	30	30	30	30
Chloroethane	+++++ -6.4	+++++ -3.7	7.6	-1.5	5.3	-1.4	30	30	50	30	30	30
Isopentane	+++++ -8.5	5.5 -4.8	4.6	-1.4	6.1	-1.5	30	50 30	30	30	30	30
Bromoethene(Vinyl Bromide)	+++++ -1.7	1.2 1.6	-0.1	-5.5	3.9	0.6	30	50 30	30	30	30	30
Trichlorofluoromethane	+++++ -4.4	7.9 -1.5	5.9	-6.4	0.8	-2.3	30	50 30	30	30	30	30
n-Pentane	+++++ -7.7	+++++ -4.4	6.8	-0.1	5.6	-0.1	30	30	50	30	30	30
Ethanol	+++++ -7.3	+++++ -4.6	-1.5	1.0	-0.9	13.2	30	30	50	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++ -1.7	-8.0 1.6	0.8	-3.6	7.9	2.9	30	50 30	30	30	30	30
Acrolein	+++++ -2.1	+++++ 2.9	+++++	-1.2	-4.4	4.8	30	30		50	30	30
1,1-Dichloroethene	7.4 -2.3	-0.4 -0.3	-1.0	-6.4	3.5	-0.4	50 30	30 30	30	30	30	30
1,1,2-Trichlorotrifluoroethane	+++++ -4.0	7.9 -3.0	3.9	-6.1	2.2	-0.9	30	50 30	30	30	30	30
Acetone	+++++ -8.2	+++++ -8.1	+++++	-0.5	8.0	8.8	30	30		50	30	30
Carbon disulfide	+++++ -4.3	+++++ -5.1	6.2	-2.6	5.3	0.5	30	30	50	30	30	30
Isopropyl alcohol	+++++ -5.0	+++++ -4.3	+++++	-5.6	11.4	3.5	30	30		50	30	30
Acetonitrile	+++++ -6.2	+++++ -4.9	+++++	-1.6	10.4	2.2	30	30		50	30	30
3-Chloropropene	+++++ -2.4	2.4 -2.4	1.8	-0.9	-4.1	5.5	30	50 30	30	30	30	30
Methylene Chloride	+++++ -8.0	+++++ -9.0	12.0	-1.1	7.1	-1.0	30	30	50	30	30	30
tert-Butyl alcohol	+++++ -2.6	+++++ -2.7	+++++	-7.5	9.0	3.8	30	30		50	30	30
Acrylonitrile	+++++ -3.7	+++++ -3.4	2.4	-5.9	7.6	3.0	30	30	50	30	30	30
trans-1,2-Dichloroethene	7.8 -4.3	-3.4 -6.8	1.3	-3.5	6.9	2.0	50 30	30 30	30	30	30	30
Methyl tert-butyl ether	+++++ 2.7	-12.7 1.1	-7.9	-2.0	10.5	8.3	30	50 30	30	30	30	30
n-Hexane	+++++ -0.7	-11.1 -1.1	-4.1	1.2	10.3	5.5	30	50 30	30	30	30	30
1,1-Dichloroethane	16.5 -7.1	1.7 -9.3	1.7	-5.6	3.7	-1.5	50 30	30 30	30	30	30	30
Vinyl acetate	+++++ -2.2	+++++ -1.2	+++++	-10.3	8.9	4.8	30	30		50	30	30
Methyl Ethyl Ketone (2-Butanone)	+++++ -2.3	+++++ -1.7	-7.9	-5.8	6.1	11.6	30	30	50	30	30	30
cis-1,2-Dichloroethene	3.1 -0.5	-2.6 -1.6	-3.9	-3.5	5.9	3.1	50 30	30 30	30	30	30	30
Ethyl acetate	+++++ -1.7	+++++ 0.7	+++++	-6.4	4.0	3.4	30	30		50	30	30
Tetrahydrofuran	+++++ -5.1	+++++ -6.0	+++++	-1.7	10.8	1.9	30	30		50	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-71332-1 | Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 | Calibration End Date: 12/15/2023 23:35 | Calibration ID: 51375

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chloroform	+++++ -4.3	6.2 -6.3	5.1	-4.5	3.6	0.2	30	50 30	30	30	30	30
1,1,1-Trichloroethane	+++++ -2.0	4.1 -2.6	1.1	-6.2	4.6	1.1	30	50 30	30	30	30	30
Cyclohexane	+++++ 3.1	-12.9 3.1	-9.0	-1.5	10.5	6.8	30	50 30	30	30	30	30
Carbon tetrachloride	6.1 -1.6	0.1 -1.4	-1.0	-7.2	4.3	0.8	50 30	30 30	30	30	30	30
Benzene	+++++ -3.0	3.3 -5.3	1.9	-4.1	5.9	1.3	30	50 30	30	30	30	30
1,2-Dichloroethane	+++++ -5.3	5.7 -7.2	4.7	-3.8	5.8	0.0	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	+++++ 0.6	-14.6 -2.6	-7.0	2.3	14.2	7.2	30	50 30	30	30	30	30
n-Heptane	+++++ -1.1	-15.2 -2.1	-6.3	3.3	14.6	6.8	30	50 30	30	30	30	30
n-Butanol	+++++ -5.8	+++++ 0.2	+++++	-12.8	5.7	12.8	30	30		50	30	30
Trichloroethene	19.2 -4.0	-0.4 -4.9	-3.3	-8.3	2.7	-1.0	50 30	30 30	30	30	30	30
1,2-Dichloropropane	+++++ -4.4	1.7 -5.4	2.6	-3.1	7.6	1.1	30	50 30	30	30	30	30
Methyl methacrylate	+++++ 2.2	+++++ 2.7	-17.7	-4.2	10.2	6.9	30	30	50	30	30	30
1,4-Dioxane	+++++ -13.8	70.4 * -17.2	-18.6	-12.1	1.0	-9.7	30	50 30	30	30	30	30
Dibromomethane	+++++ -4.3	8.2 -6.4	3.3	-7.8	9.6	-2.6	30	50 30	30	30	30	30
Bromodichloromethane	+++++ -1.0	-1.8 -2.6	0.7	-3.9	5.2	3.4	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	+++++ 6.2	-15.9 6.3	-14.5	-4.8	12.6	10.2	30	50 30	30	30	30	30
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ -0.2	+++++ -2.5	-19.5	0.1	14.9	7.1	30	30	50	30	30	30
Toluene	+++++ 2.9	-10.2 0.5	-7.9	-1.1	11.9	3.9	30	50 30	30	30	30	30
n-Octane	+++++ 1.8	-23.9 -2.0	-11.3	6.4	18.8	10.3	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	+++++ 4.7	-14.1 4.5	-10.7	-4.4	10.9	9.1	30	50 30	30	30	30	30
1,1,2-Trichloroethane	+++++ -3.3	3.8 -4.5	3.7	-4.3	6.3	-1.8	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Tetrachloroethene	7.9 -2.8	2.5 -4.7	2.3	-6.1	4.0	-3.1	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2	+++++ -1.1	-20.3	-0.8	16.9	5.1	30	30	50	30	30	30
Dibromochloromethane	+++++ 4.2	-8.3 1.6	-2.2	-1.6	0.8	5.5	30	50 30	30	30	30	30
1,2-Dibromoethane	+++++ 0.6	-4.0 -1.7	-1.8	-4.0	9.0	1.8	30	50 30	30	30	30	30
Chlorobenzene	+++++ -3.3	6.6 -6.8	4.9	-5.2	5.7	-1.8	30	50 30	30	30	30	30
Ethylbenzene	+++++ 1.9	-8.7 -4.4	-5.8	-0.2	12.8	4.5	30	50 30	30	30	30	30
m,p-Xylene	+++++ 3.9	-15.9 -3.1	-6.9	1.0	15.0	5.9	30	50 30	30	30	30	30
n-Nonane	+++++ 0.5	-16.5 -4.7	-1.9	3.1	15.4	4.1	30	50 30	30	30	30	30
o-Xylene	+++++ 8.3	-22.8 4.7	-16.3	0.6	16.8	8.7	30	50 30	30	30	30	30
Styrene	+++++ 9.2	-27.4 3.8	-17.0	2.0	19.6	9.9	30	50 30	30	30	30	30
Bromoform	+++++ 13.3	-21.7 11.3	-2.0	1.1	-17.5	15.4	30	50 30	30	30	30	30
Cumene	+++++ 7.3	-24.1 -0.2	-15.0	3.7	18.7	9.5	30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ -3.5	2.8 -7.2	2.7	-2.6	8.7	-0.9	30	50 30	30	30	30	30
1,2,3-Trichloropropane	+++++ -3.3	+++++ -4.7	2.8	-3.1	8.7	-0.4	30	30	50	30	30	30
n-Propylbenzene	+++++ 1.0	-11.6 -9.1	-6.0	3.6	16.4	5.7	30	50 30	30	30	30	30
2-Chlorotoluene	+++++ -0.1	-8.9 -2.5	-3.8	-0.6	12.5	3.4	30	50 30	30	30	30	30
4-Ethyltoluene	+++++ 1.8	-15.7 -6.3	-4.0	2.7	15.6	5.9	30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	+++++ 1.3	-14.3 -8.4	-4.1	2.2	17.7	5.7	30	50 30	30	30	30	30
n-Decane	+++++ -4.2	+++++ -12.3	-4.2	1.7	16.9	2.1	30	30	50	30	30	30
Alpha Methyl Styrene	+++++ 10.8	-30.5 8.3	-21.5	2.3	20.3	10.3	30	50 30	30	30	30	30
tert-Butylbenzene	+++++ 3.2	-17.7 -3.4	-7.2	2.0	16.3	6.7	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-71332-1 Analy Batch No.: 198744

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/15/2023 15:51 Calibration End Date: 12/15/2023 23:35 Calibration ID: 51375

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,2,4-Trimethylbenzene	+++++ -0.1	-2.8 -7.7	-8.4	0.1	14.7	4.0	30	50 30	30	30	30	30
sec-Butylbenzene	+++++ 0.7	-13.3 -11.3	-6.2	4.1	18.7	7.4	30	50 30	30	30	30	30
1,3-Dichlorobenzene	+++++ -1.6	-1.9 -7.8	0.3	-2.7	10.5	3.1	30	50 30	30	30	30	30
4-Isopropyltoluene	+++++ 3.1	-19.6 -8.2	-8.5	4.2	19.4	9.6	30	50 30	30	30	30	30
1,4-Dichlorobenzene	+++++ -1.7	-1.2 -7.0	-0.6	-2.5	10.5	2.6	30	50 30	30	30	30	30
Benzyl chloride	+++++ 7.5	-23.7 2.2	-17.0	2.7	15.2	13.2	30	50 30	30	30	30	30
n-Butylbenzene	+++++ 4.2	-19.1 -9.0	-12.4	5.6	21.2	9.5	30	50 30	30	30	30	30
1,2-Dichlorobenzene	+++++ -1.1	-0.9 -8.2	0.5	-3.0	10.5	2.2	30	50 30	30	30	30	30
n-Undecane	+++++ -2.6	+++++ -9.8	+++++	-5.5	15.0	2.9	30	30		50	30	30
n-Dodecane	+++++ -0.3	+++++ -6.7	+++++	-13.7	16.8	3.9	30	30		50	30	30
1,2,4-Trichlorobenzene	+++++ 2.9	+++++ -0.6	-15.0	-7.0	13.1	6.5	30	30	50	30	30	30
Hexachlorobutadiene	+++++ 0.4	-2.2 -3.6	-2.9	-6.1	11.0	3.3	30	50 30	30	30	30	30
Naphthalene	+++++ 5.8	+++++ -1.4	-27.8	-7.3	18.3	12.3	30	30	50	30	30	30
1,2,3-Trichlorobenzene	+++++ 1.8	+++++ -0.8	-11.7	-7.7	13.0	5.4	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-Dec-2023 15:51:29 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-004
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:16 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:06:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.326	4.321	0.005	90	1653	0.0351	0.0752	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	97	3861	0.0351	0.0435	
3 Chlorodifluoromethane	51	4.476	4.471	0.005	96	2298	0.0351	0.0453	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.797	4.792	0.005	91	4178	0.0351	0.0422	
5 Chloromethane	50	4.925	4.920	0.005	95	1493	0.0351	0.0472	
7 Butane	43	5.225	5.220	0.005	98	4880	0.0351	0.0627	
6 Vinyl chloride	62	5.225	5.225	0.000	77	2616	0.0351	0.0445	
8 Butadiene	54	5.343	5.343	0.000	85	2285	0.0351	0.0516	
9 Bromomethane	94	6.086	6.086	0.000	94	1511	0.0351	0.0405	
10 Chloroethane	64	6.365	6.365	-0.001	8	806	0.0351	0.0385	
12 2-Methylbutane	43	6.573	6.568	0.005	90	1782	0.0351	0.0422	
13 Vinyl bromide	106	6.792	6.798	-0.006	92	1314	0.0351	0.0363	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	96	4043	0.0351	0.0412	
15 Pentane	43	7.167	7.162	0.005	93	2812	0.0351	0.0410	
16 Ethanol	45	7.424	7.381	0.043	97	2795	0.0702	0.1631	
18 Ethyl ether	59	7.616	7.595	0.021	96	803	0.0351	0.0287	
19 Acrolein	56	7.878	7.863	0.015	1	502	0.0351	0.0334	
20 1,1-Dichloroethene	96	8.050	8.044	0.006	95	1643	0.0351	0.0377	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.087	8.077	0.010	92	3979	0.0351	0.0422	
22 Acetone	43	8.178	8.146	0.032	97	8050	0.0351	0.1199	
24 Carbon disulfide	76	8.446	8.446	0.000	100	5648	0.0351	0.0423	
23 Isopropyl alcohol	45	8.494	8.456	0.038	93	3229	0.0351	0.0481	
25 Acetonitrile	41	8.702	8.676	0.026	89	1443	0.0351	0.0430	
26 3-Chloro-1-propene	41	8.751	8.756	-0.006	94	2546	0.0351	0.0444	
27 Methylene Chloride	49	9.002	8.997	0.005	89	3186	0.0351	0.0559	
28 2-Methyl-2-propanol	59	9.275	9.237	0.038	90	2906	0.0351	0.0331	
29 Acrylonitrile	53	9.446	9.425	0.021	77	985	0.0351	0.0275	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	95	2760	0.0351	0.0378	
31 Methyl tert-butyl ether	73	9.526	9.500	0.026	90	3985	0.0351	0.0329	
32 Hexane	57	9.997	9.997	0.000	88	2410	0.0351	0.0341	
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0740	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	95	3732	0.0351	0.0409	
34 Vinyl acetate	43	10.297	10.291	0.006	98	2238	0.0277	0.0206	
36 2-Butanone (MEK)	72	11.313	11.276	0.037	96	889	0.0351	0.0373	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	91	1712	0.0351	0.0362	
38 Ethyl acetate	88		11.345				ND	ND	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	97	379354	10.0	10.0	
40 Tetrahydrofuran	42	11.768	11.746	0.022	51	2164	0.0351	0.0423	
41 Chloroform	83	11.885	11.891	-0.006	93	4108	0.0351	0.0403	
42 1,1,1-Trichloroethane	97	12.185	12.191	-0.005	94	3658	0.0351	0.0389	
43 Cyclohexane	84	12.308	12.314	-0.006	92	1698	0.0351	0.0301	
44 Carbon tetrachloride	117	12.453	12.458	-0.005	94	3479	0.0351	0.0372	
45 Benzene	78	12.816	12.822	-0.006	97	5813	0.0351	0.0406	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	89	2553	0.0351	0.0385	M
47 Isooctane	57		13.025				ND	ND	
48 n-Heptane	43	13.325	13.330	-0.005	81	2600	0.0351	0.0312	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	1799341	10.0	10.0	
50 n-Butanol	56	13.838	13.817	0.021	95	3148	0.0351	0.1274	
51 Trichloroethene	95	13.993	13.993	0.000	90	2740	0.0351	0.0418	
53 1,2-Dichloropropane	63	14.469	14.464	0.005	84	2204	0.0351	0.0373	
54 Methyl methacrylate	69		14.544				ND	ND	
55 1,4-Dioxane	88	14.625	14.593	0.032	58	1805	0.0351	0.0571	
57 Dibromomethane	174	14.619	14.625	-0.006	88	2647	0.0351	0.0520	
58 Dichlorobromomethane	83	14.935	14.940	-0.005	94	4083	0.0351	0.0388	
59 cis-1,3-Dichloropropene	75	15.737	15.743	-0.006	92	2480	0.0351	0.0308	
61 4-Methyl-2-pentanone (MIBK)	43	16.037	16.016	0.021	98	5575	0.0351	0.0505	
62 Toluene	92	16.374	16.374	0.000	92	2921	0.0351	0.0325	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	10778	NC	NC	
64 n-Octane	43	16.615	16.604	0.011	89	3018	0.0351	0.0265	
A 65 C8 Range	1		(16.524-16.684)				ND	ND	
66 trans-1,3-Dichloropropene	75	16.802	16.807	-0.005	92	2208	0.0351	0.0289	
67 1,1,2-Trichloroethane	83		17.182				ND	ND	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	2593	0.0351	0.0378	
69 2-Hexanone	43	17.610	17.599	0.011	92	6264	0.0351	0.0620	
70 Chlorodibromomethane	129	17.915	17.920	-0.005	95	3136	0.0351	0.0348	
71 Ethylene Dibromide	107	18.155	18.161	-0.006	97	2932	0.0351	0.0338	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	90	1575941	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	94	5521	0.0351	0.0441	
75 Ethylbenzene	91	19.316	19.311	0.005	98	7272	0.0351	0.0357	
76 m-Xylene & p-Xylene	106	19.578	19.579	-0.001	0	4632	0.0702	0.0622	
77 n-Nonane	57	19.616	19.616	0.000	86	2789	0.0351	0.0250	
S 80 Xylenes, Total	106				0		0.1052	0.0890	
78 o-Xylene	106	20.349	20.344	0.005	94	1855	0.0351	0.0268	
79 Styrene	104	20.376	20.381	-0.005	94	2937	0.0351	0.0254	
81 Bromoform	173	20.718	20.718	0.000	85	2198	0.0351	0.0294	
82 Isopropylbenzene	105	21.007	21.012	-0.005	98	5527	0.0351	0.0269	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	96	5749	0.0351	0.0410	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	95	4403	0.0351	0.0404	
85 N-Propylbenzene	91	21.702	21.708	-0.006	97	8838	0.0351	0.0327	
86 2-Chlorotoluene	91	21.852	21.858	-0.006	96	5813	0.0351	0.0325	
87 4-Ethyltoluene	105	21.900	21.900	0.000	97	5847	0.0351	0.0275	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	4905	0.0351	0.0270	
89 n-Decane	57	22.007	22.007	0.000	94	3385	0.0351	0.0227	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	82	2163	0.0351	0.0255	
91 tert-Butylbenzene	119	22.467	22.467	0.000	90	4640	0.0351	0.0286	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	94	5586	0.0351	0.0300	
93 sec-Butylbenzene	105	22.788	22.783	0.005	97	7142	0.0351	0.0274	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	97	4786	0.0351	0.0389	
95 4-Isopropyltoluene	119	22.992	22.997	-0.005	94	5064	0.0351	0.0240	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	92	4467	0.0351	0.0361	
97 Benzyl chloride	91	23.254	23.259	-0.005	97	4264	0.0351	0.0254	
98 n-Butylbenzene	91	23.559	23.559	0.000	98	5580	0.0351	0.0246	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	4513	0.0351	0.0375	
100 Undecane	57	23.698	23.698	0.000	91	3169	0.0351	0.0195	
101 Dodecane	57	25.324	25.324	0.000	92	2818	0.0351	0.0187	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	92	3588	0.0351	0.0370	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	79	2914	0.0351	0.0367	
104 Naphthalene	128	26.613	26.614	-0.001	98	9027	0.0351	0.0403	
105 1,2,3-Trichlorobenzene	180	27.036	27.041	-0.005	92	3907	0.0351	0.0430	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00263	Amount Added: 35.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

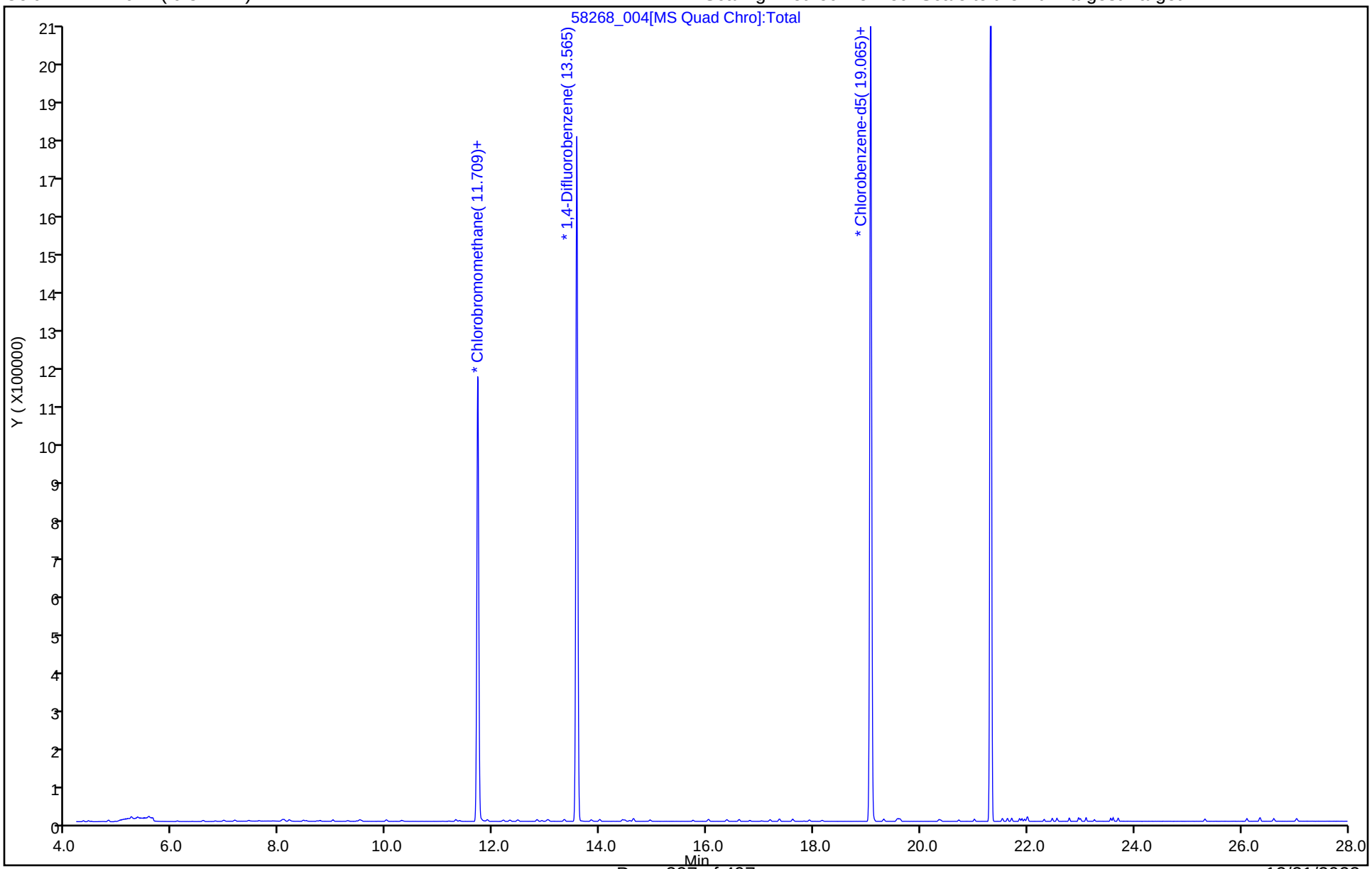
Report Date: 16-Dec-2023 06:22:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_004.D

Injection Date:	15-Dec-2023 15:51:29	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

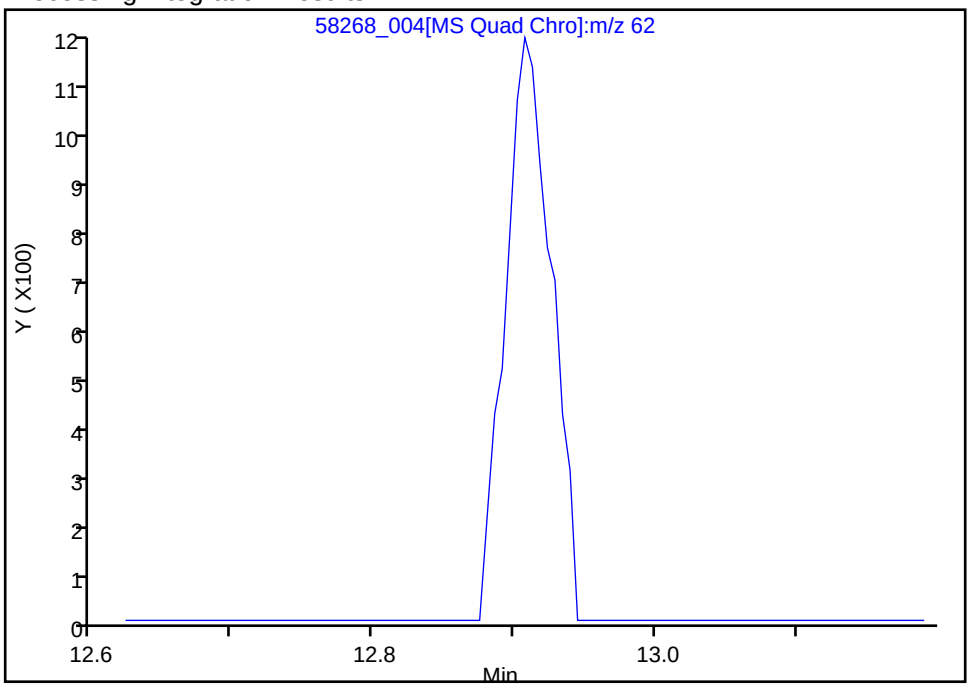
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_004.D				
Injection Date:	15-Dec-2023 15:51:29	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

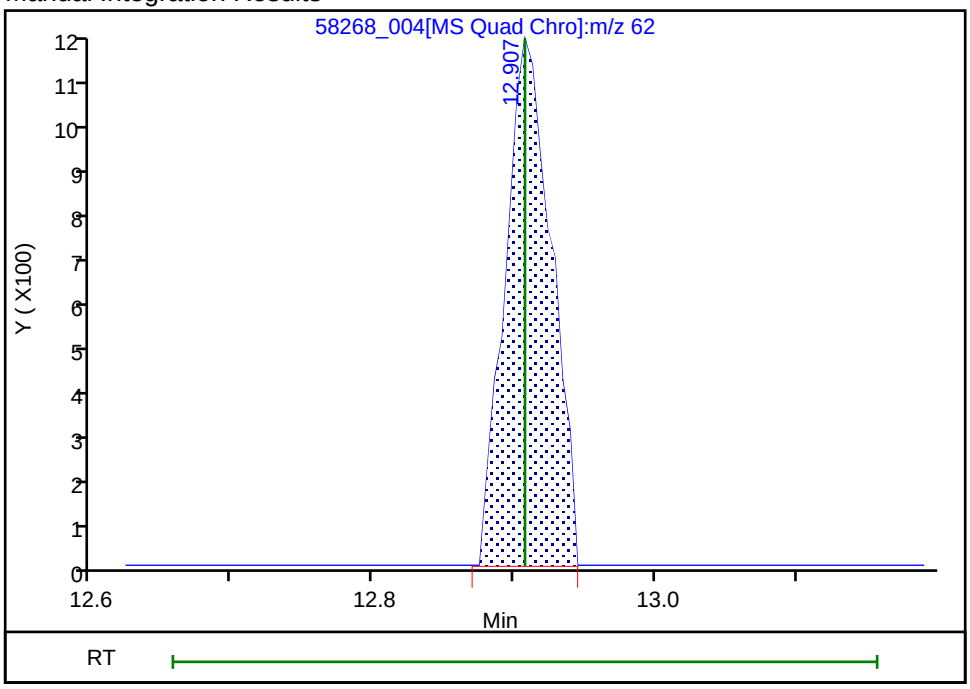
Not Detected
Expected RT: 12.91

Processing Integration Results



Manual Integration Results

RT: 12.91
Area: 2553
Amount: 0.038487
Amount Units: ppb v/v



Reviewer: BKZ7, 16-Dec-2023 06:06:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 15-Dec-2023 16:42:51 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-005
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:20 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:10:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	97	5859	0.2004	0.2710	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	19049	0.2004	0.2182	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	96	11081	0.2004	0.2221	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	94	20392	0.2004	0.2093	
5 Chloromethane	50	4.920	4.920	0.000	97	7206	0.2004	0.2317	
7 Butane	43	5.220	5.220	0.000	98	19240	0.2004	0.2515	
6 Vinyl chloride	62	5.225	5.225	0.000	96	13179	0.2004	0.2281	
8 Butadiene	54	5.343	5.343	0.000	90	9772	0.2004	0.2246	
9 Bromomethane	94	6.086	6.086	0.000	98	8135	0.2004	0.2218	
10 Chloroethane	64	6.365	6.365	-0.001	98	4496	0.2004	0.2184	
12 2-Methylbutane	43	6.573	6.568	0.005	90	8789	0.2004	0.2115	
13 Vinyl bromide	106	6.798	6.798	0.000	96	7220	0.2004	0.2029	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	98	20854	0.2004	0.2164	
15 Pentane	43	7.162	7.162	0.000	93	13987	0.2004	0.2074	
16 Ethanol	45	7.402	7.381	0.021	97	16453	0.4009	0.9762	
18 Ethyl ether	59	7.611	7.595	0.016	93	5075	0.2004	0.1844	
19 Acrolein	56	7.873	7.863	0.010	91	3028	0.2004	0.2051	
20 1,1-Dichloroethene	96	8.039	8.044	-0.005	97	8564	0.2004	0.1996	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.077	-0.001	93	20037	0.2004	0.2162	
22 Acetone	43	8.167	8.146	0.021	98	34528	0.2004	0.5232	
24 Carbon disulfide	76	8.446	8.446	0.000	100	27457	0.2004	0.2094	
23 Isopropyl alcohol	45	8.483	8.456	0.027	98	16301	0.2004	0.2470	
25 Acetonitrile	41	8.697	8.676	0.021	99	7213	0.2004	0.2186	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	98	11583	0.2004	0.2053	
27 Methylene Chloride	49	8.997	8.997	0.000	96	12935	0.2004	0.2310	
28 2-Methyl-2-propanol	59	9.269	9.237	0.032	94	15181	0.2004	0.1760	
29 Acrylonitrile	53	9.441	9.425	0.016	91	6346	0.2004	0.1802	
30 trans-1,2-Dichloroethene	61	9.489	9.494	-0.005	98	13902	0.2004	0.1937	
31 Methyl tert-butyl ether	73	9.516	9.500	0.016	96	20854	0.2004	0.1750	
32 Hexane	57	9.997	9.997	0.000	91	12377	0.2004	0.1782	
S 35 1,2-Dichloroethene, Total	61				0		0.4009	0.3889	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.281	10.286	-0.005	100	18309	0.2004	0.2039	
34 Vinyl acetate	43	10.302	10.291	0.011	99	12689	0.1583	0.1191	
36 2-Butanone (MEK)	72	11.297	11.276	0.021	99	5387	0.2004	0.2297	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	76	9091	0.2004	0.1953	
38 Ethyl acetate	88	11.361	11.345	0.016	99	427	0.2004	0.1070	
* 39 Chlorobromomethane	128	11.709	11.714	-0.005	98	373013	10.0	10.0	
40 Tetrahydrofuran	42	11.757	11.746	0.011	89	11544	0.2004	0.2269	
41 Chloroform	83	11.896	11.891	0.005	96	21310	0.2004	0.2128	
42 1,1,1-Trichloroethane	97	12.196	12.191	0.006	97	19535	0.2004	0.2086	
43 Cyclohexane	84	12.319	12.314	0.005	95	9799	0.2004	0.1745	
44 Carbon tetrachloride	117	12.458	12.458	0.000	95	18660	0.2004	0.2006	
45 Benzene	78	12.822	12.822	0.000	97	29529	0.2004	0.2071	
46 1,2-Dichloroethane	62	12.913	12.907	0.006	93	13987	0.2004	0.2119	
47 Isooctane	57	13.025	13.025	0.000	97	37780	0.2004	0.1712	
48 n-Heptane	43	13.330	13.330	0.000	89	14103	0.2004	0.1700	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	1790650	10.0	10.0	
50 n-Butanol	56	13.827	13.817	0.010	93	17536	0.2004	0.7130	
51 Trichloroethene	95	13.999	13.993	0.006	93	13017	0.2004	0.1996	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	93	11992	0.2004	0.2038	
54 Methyl methacrylate	69	14.555	14.544	0.011	95	7846	0.2004	0.1527	
55 1,4-Dioxane	88	14.619	14.593	0.026	77	10751	0.2004	0.3415	
57 Dibromomethane	174	14.625	14.625	0.000	90	10979	0.2004	0.2169	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	20636	0.2004	0.1969	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	95	13520	0.2004	0.1686	
61 4-Methyl-2-pentanone (MIBK)	43	16.026	16.016	0.010	97	32621	0.2004	0.2972	
62 Toluene	92	16.374	16.374	0.000	92	16155	0.2004	0.1800	
A 63 Toluene Range	1	16.382	(16.304-16.454)		0	65461	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	88	17260	0.2004	0.1525	
A 65 C8 Range	1	16.625	(16.524-16.684)		0	72521	NC	NC	
66 trans-1,3-Dichloropropene	75	16.802	16.807	-0.005	98	13095	0.2004	0.1722	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	11022	0.2004	0.2081	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	14064	0.2004	0.2055	
69 2-Hexanone	43	17.604	17.599	0.005	92	39063	0.2004	0.3873	
70 Chlorodibromomethane	129	17.920	17.920	0.000	97	16541	0.2004	0.1838	
71 Ethylene Dibromide	107	18.155	18.161	-0.006	97	16686	0.2004	0.1925	
* 73 Chlorobenzene-d5	117	19.065	19.070	-0.005	90	1573634	10.0	10.0	
74 Chlorobenzene	112	19.124	19.124	0.000	92	26705	0.2004	0.2136	
75 Ethylbenzene	91	19.311	19.311	0.000	99	37220	0.2004	0.1829	
76 m-Xylene & p-Xylene	106	19.568	19.579	-0.011	0	25075	0.4009	0.3372	
77 n-Nonane	57	19.616	19.616	0.000	90	18646	0.2004	0.1674	
S 80 Xylenes, Total	106				0		0.6013	0.4920	
78 o-Xylene	106	20.343	20.344	-0.001	98	10713	0.2004	0.1548	
79 Styrene	104	20.381	20.381	0.000	99	16834	0.2004	0.1456	
81 Bromoform	173	20.723	20.718	0.005	91	11705	0.2004	0.1570	
82 Isopropylbenzene	105	21.012	21.012	0.000	98	31199	0.2004	0.1521	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	99	28858	0.2004	0.2060	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	98	22458	0.2004	0.2066	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	47878	0.2004	0.1772	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	96	32645	0.2004	0.1826	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	35869	0.2004	0.1690	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	31176	0.2004	0.1718	
89 n-Decane	57	22.007	22.007	0.000	93	24836	0.2004	0.1667	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	84	11776	0.2004	0.1393	
91 tert-Butylbenzene	119	22.467	22.467	0.000	95	26751	0.2004	0.1650	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	96	36246	0.2004	0.1949	
93 sec-Butylbenzene	105	22.783	22.783	0.000	98	45252	0.2004	0.1738	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	99	24197	0.2004	0.1967	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	33961	0.2004	0.1612	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	24479	0.2004	0.1980	
97 Benzyl chloride	91	23.254	23.259	-0.005	97	25614	0.2004	0.1530	
98 n-Butylbenzene	91	23.559	23.559	0.000	97	36650	0.2004	0.1621	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	23857	0.2004	0.1987	
100 Undecane	57	23.703	23.698	0.005	93	23212	0.2004	0.1429	
101 Dodecane	57	25.324	25.324	0.000	92	18099	0.2004	0.1204	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	94	17946	0.2004	0.1855	
103 Hexachlorobutadiene	225	26.362	26.357	0.005	94	15556	0.2004	0.1960	
104 Naphthalene	128	26.619	26.614	0.005	98	49122	0.2004	0.2194	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	94	17901	0.2004	0.1973	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL1w_00263	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

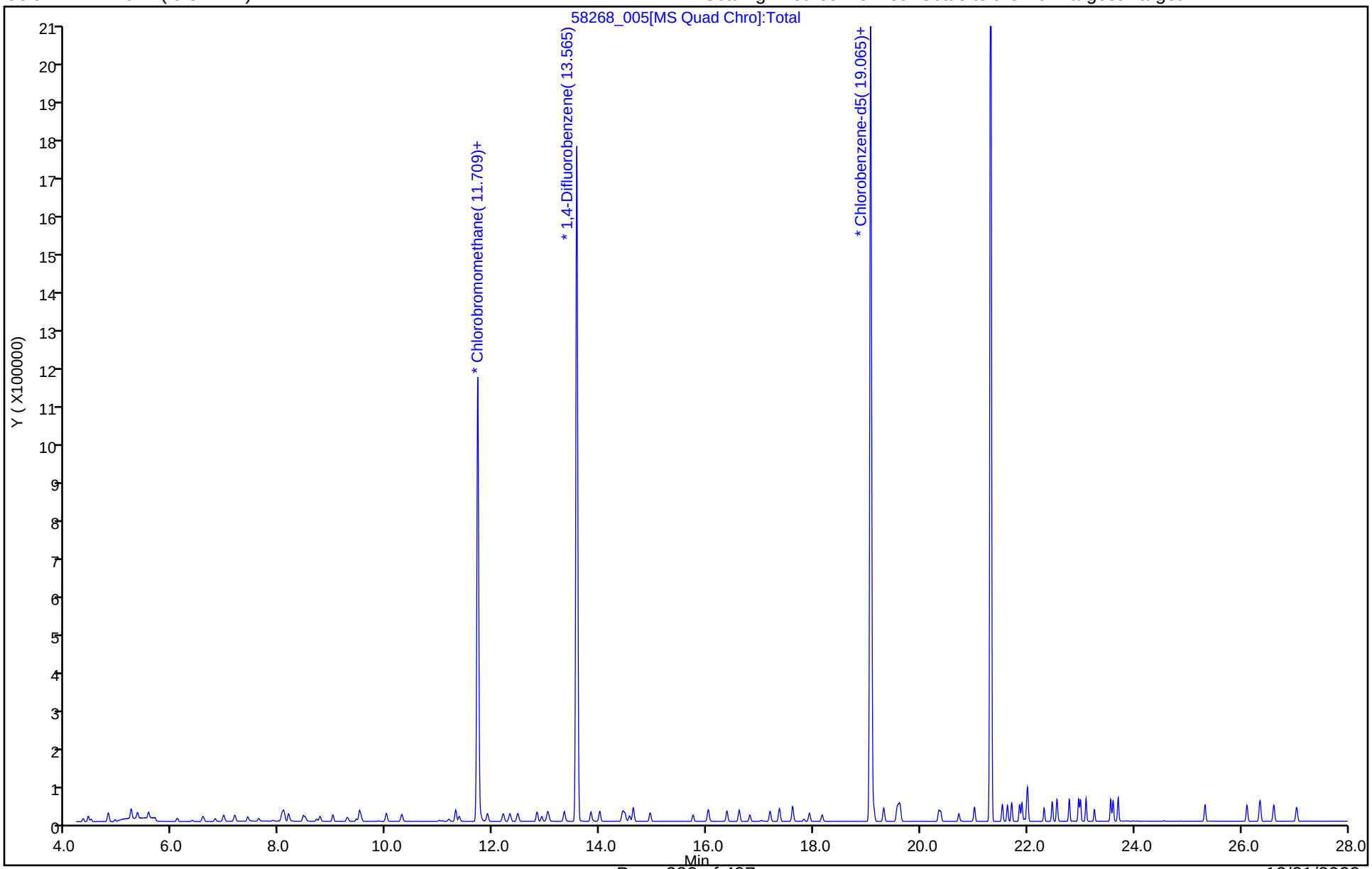
Report Date: 16-Dec-2023 06:22:20 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_005.D

Injection Date:	15-Dec-2023 16:42:51	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_006.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 15-Dec-2023 17:34:04 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-006
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:24 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:10:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	97	12555	0.5005	0.6000	
2 Dichlorodifluoromethane	85	4.422	4.417	0.005	99	46475	0.5005	0.5500	
3 Chlorodifluoromethane	51	4.470	4.471	-0.001	97	26745	0.5005	0.5539	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.791	4.792	-0.001	95	50482	0.5005	0.5353	
5 Chloromethane	50	4.920	4.920	0.000	99	16711	0.5005	0.5550	
7 Butane	43	5.219	5.220	-0.001	98	46972	0.5005	0.6343	
6 Vinyl chloride	62	5.225	5.225	0.000	98	30982	0.5005	0.5541	
8 Butadiene	54	5.337	5.343	-0.006	92	22917	0.5005	0.5442	
9 Bromomethane	94	6.086	6.086	0.000	99	18816	0.5005	0.5299	
10 Chloroethane	64	6.359	6.365	-0.006	99	10727	0.5005	0.5384	
12 2-Methylbutane	43	6.568	6.568	0.000	91	21060	0.5005	0.5235	
13 Vinyl bromide	106	6.792	6.798	-0.006	99	17219	0.5005	0.5000	
14 Trichlorofluoromethane	101	6.953	6.958	-0.005	98	49449	0.5005	0.5300	
15 Pentane	43	7.161	7.162	-0.001	94	34868	0.5005	0.5343	
16 Ethanol	45	7.397	7.381	0.016	98	80537	5.01	4.94	
18 Ethyl ether	59	7.600	7.595	0.005	92	13433	0.5005	0.5044	
19 Acrolein	56	7.873	7.863	0.010	95	7062	0.5005	0.4942	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	96	20565	0.5005	0.4953	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.077	-0.001	93	46646	0.5005	0.5201	
22 Acetone	43	8.167	8.146	0.021	98	37445	0.5005	0.5862	
24 Carbon disulfide	76	8.445	8.446	-0.001	100	67471	0.5005	0.5315	
23 Isopropyl alcohol	45	8.477	8.456	0.021	97	29217	0.5005	0.4574	
25 Acetonitrile	41	8.686	8.676	0.010	98	17732	0.5005	0.5552	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	99	27808	0.5005	0.5092	
27 Methylene Chloride	49	8.996	8.997	-0.001	97	30388	0.5005	0.5606	
28 2-Methyl-2-propanol	59	9.264	9.237	0.027	95	34783	0.5005	0.4167	
29 Acrylonitrile	53	9.440	9.425	0.015	96	17467	0.5005	0.5124	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	96	35217	0.5005	0.5069	
31 Methyl tert-butyl ether	73	9.515	9.500	0.015	96	53135	0.5005	0.4608	
32 Hexane	57	10.002	9.997	0.005	92	32259	0.5005	0.4798	
S 35 1,2-Dichloroethene, Total	61				0		1.00	0.9879	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	100	44222	0.5005	0.5087	
34 Vinyl acetate	43	10.296	10.291	0.005	99	31564	0.3954	0.3060	
36 2-Butanone (MEK)	72	11.291	11.276	0.015	100	10459	0.5005	0.4609	
37 cis-1,2-Dichloroethene	96	11.291	11.297	-0.006	88	21676	0.5005	0.4810	
38 Ethyl acetate	88	11.356	11.345	0.011	98	1640	0.5005	0.4246	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	98	361031	10.0	10.0	
40 Tetrahydrofuran	42	11.757	11.746	0.011	93	23819	0.5005	0.4822	
41 Chloroform	83	11.891	11.891	0.000	96	51002	0.5005	0.5262	
42 1,1,1-Trichloroethane	97	12.185	12.191	-0.005	97	45994	0.5005	0.5058	
43 Cyclohexane	84	12.319	12.314	0.005	96	24829	0.5005	0.4555	
44 Carbon tetrachloride	117	12.463	12.458	0.005	95	44731	0.5005	0.4953	
45 Benzene	78	12.822	12.822	0.000	96	70591	0.5005	0.5100	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	94	33580	0.5005	0.5239	
47 Isooctane	57	13.025	13.025	0.000	98	99763	0.5005	0.4655	
48 n-Heptane	43	13.335	13.330	0.005	92	37752	0.5005	0.4688	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	1738561	10.0	10.0	
50 n-Butanol	56	13.833	13.817	0.016	97	10567	0.5005	0.4425	
51 Trichloroethene	95	13.993	13.993	0.000	93	30657	0.5005	0.4841	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	93	29325	0.5005	0.5133	
54 Methyl methacrylate	69	14.555	14.544	0.011	94	20548	0.5005	0.4120	
55 1,4-Dioxane	88	14.619	14.593	0.026	97	12455	0.5005	0.4075	
57 Dibromomethane	174	14.624	14.625	-0.001	92	25394	0.5005	0.5168	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	51286	0.5005	0.5039	
59 cis-1,3-Dichloropropene	75	15.742	15.743	-0.001	95	33313	0.5005	0.4278	
61 4-Methyl-2-pentanone (MIBK)	43	16.026	16.016	0.010	98	42951	0.5005	0.4031	
62 Toluene	92	16.374	16.374	0.000	93	40323	0.5005	0.4611	
A 63 Toluene Range	1	16.382	(16.304-16.454)		0	170796	NC	NC	
64 n-Octane	43	16.609	16.604	0.005	90	48774	0.5005	0.4437	
A 65 C8 Range	1	16.625	(16.524-16.684)		0	203420	NC	NC	
66 trans-1,3-Dichloropropene	75	16.802	16.807	-0.005	98	32992	0.5005	0.4468	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	26799	0.5005	0.5191	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	34160	0.5005	0.5122	
69 2-Hexanone	43	17.604	17.599	0.005	92	39222	0.5005	0.3990	
70 Chlorodibromomethane	129	17.920	17.920	0.000	97	42931	0.5005	0.4894	
71 Ethylene Dibromide	107	18.161	18.161	0.000	97	41526	0.5005	0.4916	
* 73 Chlorobenzene-d5	117	19.065	19.070	-0.005	90	1533556	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	93	63939	0.5005	0.5248	
75 Ethylbenzene	91	19.311	19.311	0.000	99	93476	0.5005	0.4715	
76 m-Xylene & p-Xylene	106	19.573	19.579	-0.006	0	67507	1.00	0.9314	
77 n-Nonane	57	19.621	19.616	0.005	91	53285	0.5005	0.4909	
S 80 Xylenes, Total	106				0		1.50	1.35	
78 o-Xylene	106	20.343	20.344	-0.001	97	28245	0.5005	0.4188	
79 Styrene	104	20.381	20.381	0.000	99	46793	0.5005	0.4152	
81 Bromoform	173	20.718	20.718	0.000	92	35643	0.5005	0.4906	
82 Isopropylbenzene	105	21.012	21.012	0.000	99	85072	0.5005	0.4256	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	70176	0.5005	0.5140	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	98	54474	0.5005	0.5142	
85 N-Propylbenzene	91	21.707	21.708	-0.001	98	123822	0.5005	0.4702	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	96	83913	0.5005	0.4816	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	99364	0.5005	0.4803	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	84922	0.5005	0.4802	
89 n-Decane	57	22.007	22.007	0.000	92	69607	0.5005	0.4795	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	87	32373	0.5005	0.3928	
91 tert-Butylbenzene	119	22.467	22.467	0.000	90	73377	0.5005	0.4645	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	98	83106	0.5005	0.4585	
93 sec-Butylbenzene	105	22.783	22.783	0.000	98	119163	0.5005	0.4695	
94 1,3-Dichlorobenzene	146	22.959	22.960	-0.001	98	60194	0.5005	0.5022	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	94053	0.5005	0.4580	
96 1,4-Dichlorobenzene	146	23.098	23.099	-0.001	91	59971	0.5005	0.4976	
97 Benzyl chloride	91	23.254	23.259	-0.005	98	67756	0.5005	0.4152	
98 n-Butylbenzene	91	23.564	23.559	0.005	97	96637	0.5005	0.4386	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	94	58866	0.5005	0.5031	
100 Undecane	57	23.703	23.698	0.005	97	63243	0.5005	0.3996	
101 Dodecane	57	25.324	25.324	0.000	93	37337	0.5005	0.2548	
102 1,2,4-Trichlorobenzene	180	26.110	26.111	-0.001	93	40138	0.5005	0.4256	
103 Hexachlorobutadiene	225	26.356	26.357	-0.001	95	37581	0.5005	0.4860	
104 Naphthalene	128	26.613	26.614	-0.001	98	78836	0.5005	0.3613	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	94	39102	0.5005	0.4421	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL2w_00343	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

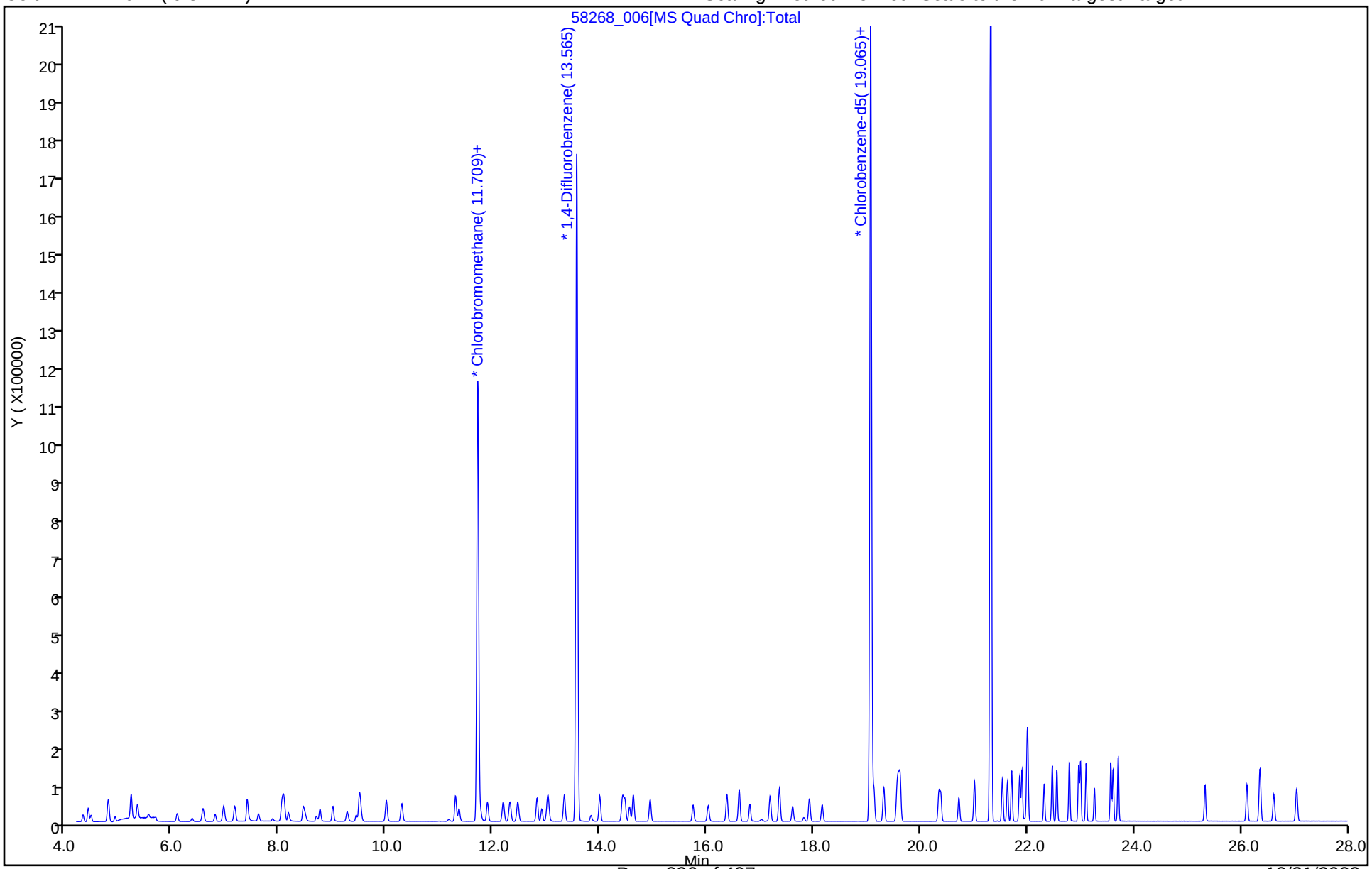
Report Date: 16-Dec-2023 06:22:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_006.D

Injection Date:	15-Dec-2023 17:34:04	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-Dec-2023 18:25:33 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-007
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:12 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:22:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	98	110064	4.99	5.15	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	407237	4.99	4.72	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	240086	4.99	4.87	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	97	454576	4.99	4.72	
5 Chloromethane	50	4.920	4.920	0.000	99	148581	4.99	4.83	
7 Butane	43	5.220	5.220	0.000	98	412385	4.99	5.45	
6 Vinyl chloride	62	5.225	5.225	0.000	100	284313	4.99	4.98	
8 Butadiene	54	5.343	5.343	0.000	92	203861	4.99	4.74	
9 Bromomethane	94	6.086	6.086	0.000	99	171945	4.99	4.74	
10 Chloroethane	64	6.364	6.365	-0.001	99	100078	4.99	4.92	
12 2-Methylbutane	43	6.573	6.568	0.005	92	202278	4.99	4.93	
13 Vinyl bromide	106	6.798	6.798	0.000	99	165915	4.99	4.72	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	98	445213	4.99	4.67	
15 Pentane	43	7.167	7.162	0.005	97	332439	4.99	4.99	
16 Ethanol	45	7.386	7.381	0.005	98	168106	10.0	10.1	
18 Ethyl ether	59	7.600	7.595	0.005	93	130900	4.99	4.81	
19 Acrolein	56	7.862	7.863	-0.001	96	71957	4.99	4.93	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	97	198065	4.99	4.67	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.082	8.077	0.005	93	429517	4.99	4.69	
22 Acetone	43	8.151	8.146	0.005	98	323909	4.99	4.97	
24 Carbon disulfide	76	8.446	8.446	0.000	100	630378	4.99	4.86	
23 Isopropyl alcohol	45	8.467	8.456	0.011	99	307339	4.99	4.71	
25 Acetonitrile	41	8.681	8.676	0.005	98	160165	4.99	4.91	
26 3-Chloro-1-propene	41	8.761	8.756	0.005	97	275850	4.99	4.95	
27 Methylene Chloride	49	8.997	8.997	0.000	97	273275	4.99	4.94	
28 2-Methyl-2-propanol	59	9.248	9.237	0.011	97	393666	4.99	4.62	
29 Acrylonitrile	53	9.430	9.425	0.005	94	163514	4.99	4.70	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	96	341657	4.99	4.82	
31 Methyl tert-butyl ether	73	9.505	9.500	0.005	98	576002	4.99	4.89	
32 Hexane	57	10.002	9.997	0.005	94	346946	4.99	5.05	
S 35 1,2-Dichloroethene, Total	61				0		9.99	9.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	100	418284	4.99	4.71	
34 Vinyl acetate	43	10.297	10.291	0.006	100	372518	3.94	3.54	
36 2-Butanone (MEK)	72	11.286	11.276	0.010	100	108995	4.99	4.70	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	97	221550	4.99	4.82	
38 Ethyl acetate	88	11.350	11.345	0.005	99	18428	4.99	4.67	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	98	368600	10.0	10.0	
40 Tetrahydrofuran	42	11.752	11.746	0.006	93	247729	4.99	4.91	
41 Chloroform	83	11.891	11.891	0.000	97	471959	4.99	4.77	
42 1,1,1-Trichloroethane	97	12.190	12.191	0.000	97	435033	4.99	4.68	
43 Cyclohexane	84	12.313	12.314	-0.001	97	273778	4.99	4.92	
44 Carbon tetrachloride	117	12.463	12.458	0.005	96	427380	4.99	4.63	
45 Benzene	78	12.822	12.822	0.000	97	677149	4.99	4.79	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	93	314527	4.99	4.80	
47 Isooctane	57	13.025	13.025	0.000	99	1117815	4.99	5.11	
48 n-Heptane	43	13.330	13.330	0.000	94	424444	4.99	5.16	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	1776171	10.0	10.0	
50 n-Butanol	56	13.822	13.817	0.005	92	106166	4.99	4.35	
51 Trichloroethene	95	13.993	13.993	0.000	93	296103	4.99	4.58	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	92	282424	4.99	4.84	
54 Methyl methacrylate	69	14.550	14.544	0.006	94	243760	4.99	4.78	
55 1,4-Dioxane	88	14.603	14.593	0.010	95	137079	4.99	4.39	
57 Dibromomethane	174	14.625	14.625	0.000	91	230976	4.99	4.60	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	498900	4.99	4.80	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	95	378015	4.99	4.75	
61 4-Methyl-2-pentanone (MIBK)	43	16.015	16.016	-0.001	97	543998	4.99	5.00	
62 Toluene	92	16.374	16.374	0.000	93	450706	4.99	4.94	
A 63 Toluene Range	1	16.382	(16.304-16.454)		0	1904845	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	94	596715	4.99	5.31	
A 65 C8 Range	1	16.625	(16.524-16.684)		0	2254225	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	98	359955	4.99	4.77	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	257504	4.99	4.78	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	326322	4.99	4.69	
69 2-Hexanone	43	17.599	17.599	0.000	93	508169	4.99	4.95	
70 Chlorodibromomethane	129	17.920	17.920	0.000	97	449882	4.99	4.91	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	422704	4.99	4.79	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	90	1600496	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	91	602141	4.99	4.74	
75 Ethylbenzene	91	19.311	19.311	0.000	99	1030515	4.99	4.98	
76 m-Xylene & p-Xylene	106	19.573	19.579	-0.006	0	763035	9.99	10.1	
77 n-Nonane	57	19.616	19.616	0.000	92	583272	4.99	5.15	
S 80 Xylenes, Total	106				0		15.0	15.1	
78 o-Xylene	106	20.343	20.344	-0.001	97	353452	4.99	5.02	
79 Styrene	104	20.381	20.381	0.000	99	598933	4.99	5.09	
81 Bromoform	173	20.723	20.718	0.005	93	382908	4.99	5.05	
82 Isopropylbenzene	105	21.012	21.012	0.000	99	1080085	4.99	5.18	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	692888	4.99	4.86	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	99	535073	4.99	4.84	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	1422055	4.99	5.17	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	96	902245	4.99	4.96	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	1106797	4.99	5.13	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	941575	4.99	5.10	
89 n-Decane	57	22.007	22.007	0.000	91	769329	4.99	5.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.318	22.312	0.006	85	439284	4.99	5.11	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	839465	4.99	5.09	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	98	945556	4.99	5.00	
93 sec-Butylbenzene	105	22.788	22.783	0.005	98	1376006	4.99	5.19	
94 1,3-Dichlorobenzene	146	22.959	22.960	-0.001	98	607681	4.99	4.86	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	1115306	4.99	5.20	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	92	612107	4.99	4.87	
97 Benzyl chloride	91	23.254	23.259	-0.005	98	873029	4.99	5.13	
98 n-Butylbenzene	91	23.559	23.559	0.000	98	1212779	4.99	5.27	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	591367	4.99	4.84	
100 Undecane	57	23.698	23.698	0.000	96	779132	4.99	4.72	
101 Dodecane	57	25.324	25.324	0.000	96	658986	4.99	4.31	
102 1,2,4-Trichlorobenzene	180	26.110	26.111	-0.001	93	457188	4.99	4.65	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	94	378373	4.99	4.69	
104 Naphthalene	128	26.613	26.614	-0.001	99	1054000	4.99	4.63	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	94	425287	4.99	4.61	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00272	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

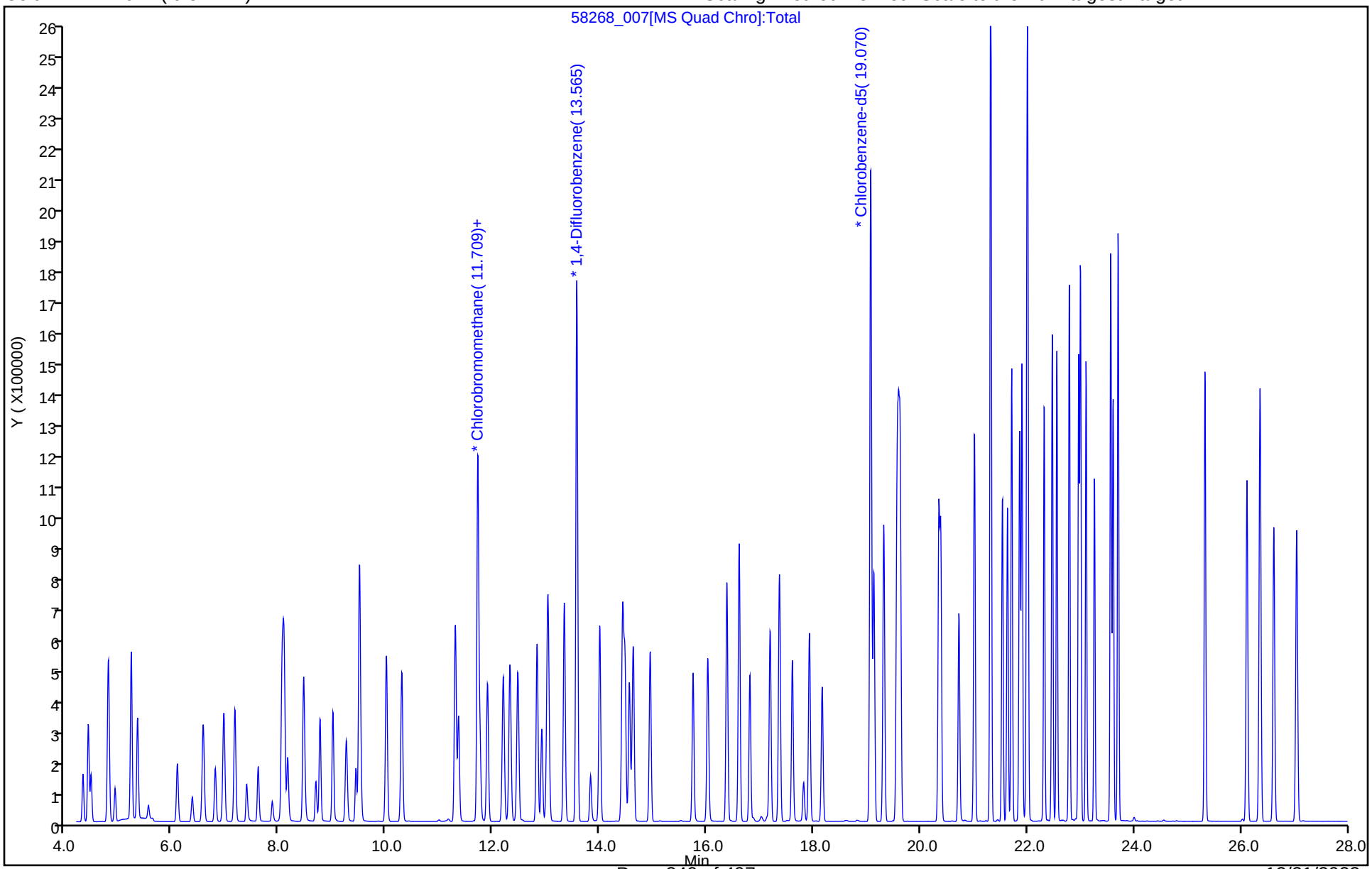
Report Date: 16-Dec-2023 06:22:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_007.D

Injection Date:	15-Dec-2023 18:25:33	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_008.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 15-Dec-2023 19:17:14 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-008
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:28 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:12:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	98	241844	10.0	10.9	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	898786	10.0	10.0	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	538557	10.0	10.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	97	1026423	10.0	10.2	
5 Chloromethane	50	4.920	4.920	0.000	99	328877	10.0	10.3	
7 Butane	43	5.220	5.220	0.000	98	854822	10.0	10.9	
6 Vinyl chloride	62	5.225	5.225	0.000	100	618975	10.0	10.4	
8 Butadiene	54	5.343	5.343	0.000	92	447282	10.0	10.0	
9 Bromomethane	94	6.086	6.086	0.000	99	383700	10.0	10.2	
10 Chloroethane	64	6.365	6.365	0.000	100	223049	10.0	10.5	
12 2-Methylbutane	43	6.568	6.568	0.000	92	453444	10.0	10.6	
13 Vinyl bromide	106	6.798	6.798	0.000	99	380393	10.0	10.4	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	99	999631	10.0	10.1	
15 Pentane	43	7.162	7.162	0.000	96	732191	10.0	10.6	
16 Ethanol	45	7.381	7.381	0.000	98	257880	15.0	14.9	
18 Ethyl ether	59	7.595	7.595	0.000	93	305526	10.0	10.8	
19 Acrolein	56	7.863	7.863	0.000	96	145211	10.0	9.56	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	96	456773	10.0	10.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.077	8.077	0.000	94	973871	10.0	10.2	
22 Acetone	43	8.146	8.146	0.000	98	733327	10.0	10.8	
24 Carbon disulfide	76	8.446	8.446	0.000	100	1420201	10.0	10.5	
23 Isopropyl alcohol	45	8.456	8.456	0.000	100	756461	10.0	11.1	
25 Acetonitrile	41	8.676	8.676	0.000	99	374923	10.0	11.0	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	97	556870	10.0	9.59	
27 Methylene Chloride	49	8.997	8.997	0.000	97	616791	10.0	10.7	
28 2-Methyl-2-propanol	59	9.237	9.237	0.000	99	966649	10.0	10.9	
29 Acrylonitrile	53	9.425	9.425	0.000	94	389994	10.0	10.8	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	94	789370	10.0	10.7	
31 Methyl tert-butyl ether	73	9.500	9.500	0.000	98	1354784	10.0	11.1	
32 Hexane	57	9.997	9.997	0.000	94	788424	10.0	11.0	
S 35 1,2-Dichloroethene, Total	61				0		20.0	21.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	100	957978	10.0	10.4	
34 Vinyl acetate	43	10.291	10.291	0.000	100	942911	7.90	8.60	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	100	255832	10.0	10.6	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	97	507330	10.0	10.6	
38 Ethyl acetate	88	11.345	11.345	0.000	100	42675	10.0	10.4	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	98	383807	10.0	10.0	
40 Tetrahydrofuran	42	11.746	11.746	0.000	93	576434	10.0	11.1	
41 Chloroform	83	11.891	11.891	0.000	97	1067455	10.0	10.4	
42 1,1,1-Trichloroethane	97	12.191	12.191	0.000	98	1001788	10.0	10.5	
43 Cyclohexane	84	12.314	12.314	0.000	97	634082	10.0	11.0	
44 Carbon tetrachloride	117	12.458	12.458	0.000	96	991508	10.0	10.4	
45 Benzene	78	12.822	12.822	0.000	97	1542767	10.0	10.6	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	93	714155	10.0	10.6	
47 Isooctane	57	13.025	13.025	0.000	99	2576072	10.0	11.4	
48 n-Heptane	43	13.330	13.330	0.000	94	971528	10.0	11.5	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	1830784	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	91	265624	10.0	10.6	
51 Trichloroethene	95	13.993	13.993	0.000	93	684957	10.0	10.3	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	92	646961	10.0	10.8	
54 Methyl methacrylate	69	14.544	14.544	0.000	95	578507	10.0	11.0	
55 1,4-Dioxane	88	14.593	14.593	0.000	97	324952	10.0	10.1	
57 Dibromomethane	174	14.625	14.625	0.000	90	567276	10.0	11.0	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	1127670	10.0	10.5	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	94	923052	10.0	11.3	
61 4-Methyl-2-pentanone (MIBK)	43	16.016	16.016	0.000	97	1289470	10.0	11.5	
62 Toluene	92	16.374	16.374	0.000	93	1050762	10.0	11.2	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	4438590	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	94	1374529	10.0	11.9	
A 65 C8 Range	1	16.604	(16.524-16.684)		0	5141370	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	97	861955	10.0	11.1	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	589515	10.0	10.6	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	745082	10.0	10.4	
69 2-Hexanone	43	17.599	17.599	0.000	93	1234296	10.0	11.7	
70 Chlorodibromomethane	129	17.920	17.920	0.000	97	949978	10.0	10.1	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	989356	10.0	10.9	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	90	1647690	10.0	10.0	
74 Chlorobenzene	112	19.124	19.124	0.000	91	1383553	10.0	10.6	
75 Ethylbenzene	91	19.311	19.311	0.000	99	2401510	10.0	11.3	
76 m-Xylene & p-Xylene	106	19.579	19.579	0.000	0	1790310	20.0	23.0	
77 n-Nonane	57	19.616	19.616	0.000	92	1345398	10.0	11.5	
S 80 Xylenes, Total	106				0		30.0	34.7	
78 o-Xylene	106	20.344	20.344	0.000	98	846290	10.0	11.7	
79 Styrene	104	20.381	20.381	0.000	99	1447655	10.0	12.0	
81 Bromoform	173	20.718	20.718	0.000	93	643901	10.0	8.25	
82 Isopropylbenzene	105	21.012	21.012	0.000	99	2548689	10.0	11.9	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	1594638	10.0	10.9	
84 1,2,3-Trichloropropane	75	21.628	21.628	0.000	99	1237313	10.0	10.9	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	3292518	10.0	11.6	
86 2-Chlorotoluene	91	21.858	21.858	0.000	96	2105016	10.0	11.2	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	2570072	10.0	11.6	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	2235275	10.0	11.8	
89 n-Decane	57	22.007	22.007	0.000	91	1822813	10.0	11.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	85	1064536	10.0	12.0	
91 tert-Butylbenzene	119	22.467	22.467	0.000	94	1973775	10.0	11.6	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	99	2234342	10.0	11.5	
93 sec-Butylbenzene	105	22.783	22.783	0.000	98	3236118	10.0	11.9	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	98	1422334	10.0	11.0	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	2632874	10.0	11.9	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	1431022	10.0	11.1	
97 Benzyl chloride	91	23.259	23.259	0.000	98	2019044	10.0	11.5	
98 n-Butylbenzene	91	23.559	23.559	0.000	98	2868172	10.0	12.1	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	1388526	10.0	11.0	
100 Undecane	57	23.698	23.698	0.000	96	1955326	10.0	11.5	
101 Dodecane	57	25.324	25.324	0.000	97	1838228	10.0	11.7	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	93	1145439	10.0	11.3	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	94	922428	10.0	11.1	
104 Naphthalene	128	26.614	26.614	0.000	98	2773753	10.0	11.8	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	97	1073701	10.0	11.3	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00820	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

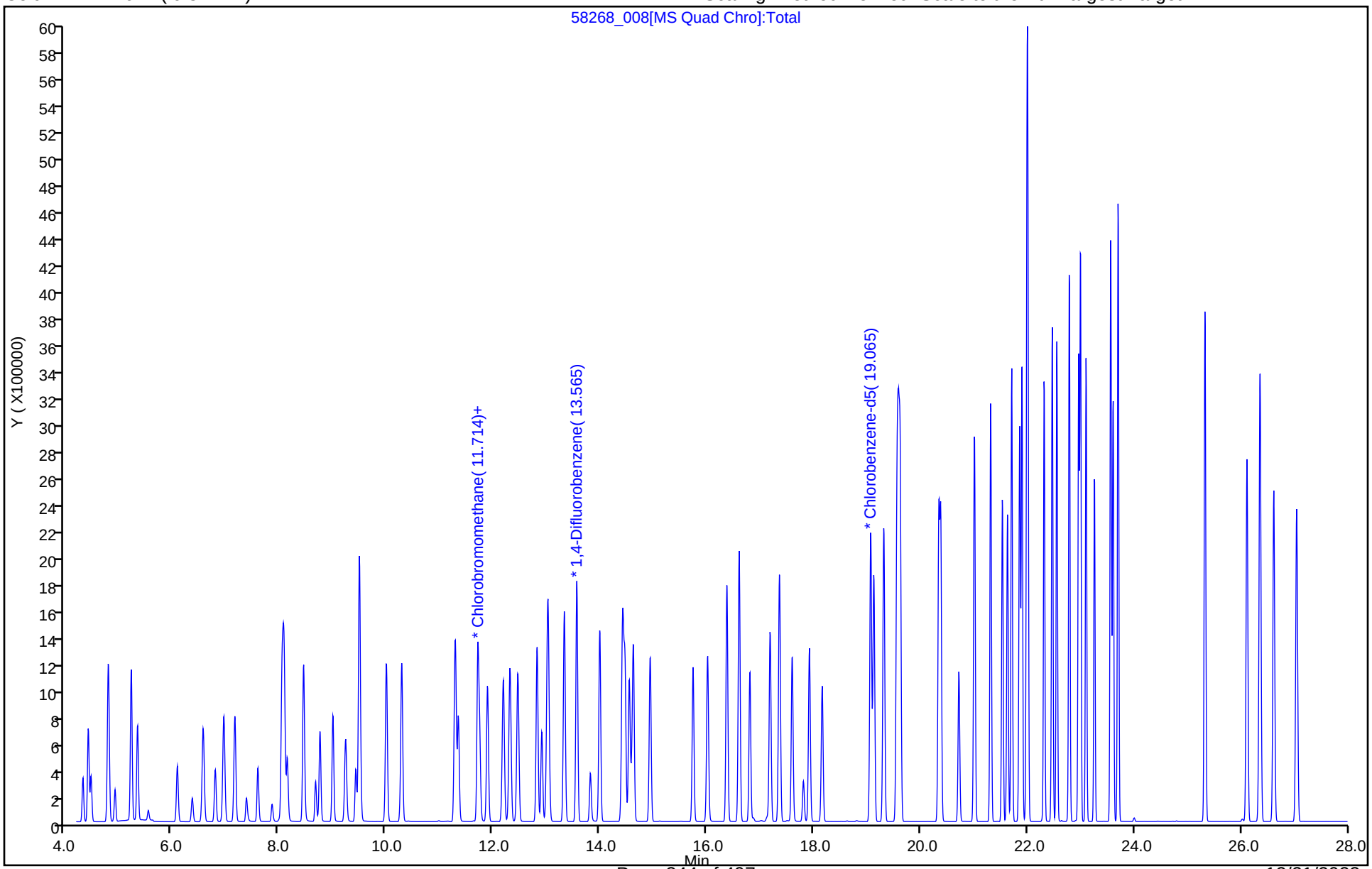
Report Date: 16-Dec-2023 06:22:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_008.D

Injection Date:	15-Dec-2023 19:17:14	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	icis			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_010.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-Dec-2023 21:00:39 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-010
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:32 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:12:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	98	368408	15.0	15.1	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	1477930	15.0	15.0	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	837190	15.0	14.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	96	1622090	15.0	14.7	
5 Chloromethane	50	4.920	4.920	0.000	99	502470	15.0	14.3	
7 Butane	43	5.225	5.220	0.005	99	1214685	15.0	14.1	
6 Vinyl chloride	62	5.225	5.225	0.000	100	876867	15.0	13.4	
8 Butadiene	54	5.343	5.343	0.000	91	636811	15.0	13.0	
9 Bromomethane	94	6.086	6.086	0.000	99	602675	15.0	14.6	
10 Chloroethane	64	6.365	6.365	0.000	100	343772	15.0	14.8	
12 2-Methylbutane	43	6.573	6.568	0.005	92	693260	15.0	14.8	
13 Vinyl bromide	106	6.798	6.798	0.000	99	605941	15.0	15.1	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	98	1594342	15.0	14.7	
15 Pentane	43	7.162	7.162	0.000	96	1140655	15.0	15.0	
16 Ethanol	45	7.376	7.381	-0.005	98	431919	20.0	22.7	
18 Ethyl ether	59	7.590	7.595	-0.005	93	479621	15.0	15.4	
19 Acrolein	56	7.857	7.863	-0.006	96	262202	15.0	15.7	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	95	723896	15.0	14.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.082	8.077	0.005	93	1555608	15.0	14.9	
22 Acetone	43	8.141	8.146	-0.005	98	1216612	15.0	16.3	
24 Carbon disulfide	76	8.446	8.446	0.000	100	2233191	15.0	15.1	
23 Isopropyl alcohol	45	8.451	8.456	-0.005	100	1157238	15.0	15.5	
25 Acetonitrile	41	8.670	8.676	-0.006	99	571278	15.0	15.3	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	97	1008454	15.0	15.8	
27 Methylene Chloride	49	8.997	8.997	0.000	96	938739	15.0	14.8	
28 2-Methyl-2-propanol	59	9.227	9.237	-0.010	99	1515564	15.0	15.6	
29 Acrylonitrile	53	9.425	9.425	0.000	94	614170	15.0	15.4	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	83	1240679	15.0	15.3	
31 Methyl tert-butyl ether	73	9.494	9.500	-0.006	97	2185044	15.0	16.2	
32 Hexane	57	10.002	9.997	0.005	94	1240898	15.0	15.8	
S 35 1,2-Dichloroethene, Total	61				0		30.0	30.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	100	1498341	15.0	14.8	
34 Vinyl acetate	43	10.291	10.291	0.000	100	1495148	11.9	12.4	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	99	443159	15.0	16.7	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	96	813150	15.0	15.5	
38 Ethyl acetate	88	11.345	11.345	0.000	100	69873	15.0	15.5	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	97	421105	10.0	10.0	
40 Tetrahydrofuran	42	11.741	11.746	-0.005	93	885569	15.0	15.3	
41 Chloroform	83	11.891	11.891	0.000	96	1699379	15.0	15.0	
42 1,1,1-Trichloroethane	97	12.191	12.191	0.001	98	1617578	15.0	15.2	
43 Cyclohexane	84	12.314	12.314	0.000	98	1023684	15.0	16.0	
44 Carbon tetrachloride	117	12.463	12.458	0.005	97	1601970	15.0	15.1	
45 Benzene	78	12.822	12.822	0.000	97	2466241	15.0	15.2	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	93	1127908	15.0	15.0	
47 Isooctane	57	13.025	13.025	0.000	99	4042100	15.0	16.1	
48 n-Heptane	43	13.330	13.330	0.000	93	1513083	15.0	16.0	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	2038464	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	90	473766	15.0	16.9	
51 Trichloroethene	95	13.993	13.993	0.000	93	1102863	15.0	14.9	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	91	1016021	15.0	15.2	
54 Methyl methacrylate	69	14.544	14.544	0.000	96	937520	15.0	16.0	
55 1,4-Dioxane	88	14.587	14.593	-0.006	97	485731	15.0	13.6	
57 Dibromomethane	174	14.625	14.625	0.000	90	841931	15.0	14.6	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	1850559	15.0	15.5	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	94	1510060	15.0	16.5	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	-0.006	97	2008599	15.0	16.1	
62 Toluene	92	16.374	16.374	0.000	93	1699796	15.0	15.6	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	7114050	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	93	2132660	15.0	16.5	
A 65 C8 Range	1	16.604	(16.524-16.684)		0	8045425	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	97	1417532	15.0	16.4	
67 1,1,2-Trichloroethane	83	17.187	17.182	0.005	97	948944	15.0	14.7	
68 Tetrachloroethene	166	17.358	17.358	0.000	94	1209099	15.0	14.5	
69 2-Hexanone	43	17.594	17.599	-0.005	94	1932883	15.0	15.8	
70 Chlorodibromomethane	129	17.920	17.920	0.000	98	1731187	15.0	15.8	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	1609570	15.0	15.3	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	89	1912747	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	91	2238978	15.0	14.7	
75 Ethylbenzene	91	19.311	19.311	0.000	99	3875464	15.0	15.7	
76 m-Xylene & p-Xylene	106	19.573	19.579	-0.006	0	2873385	30.0	31.8	
77 n-Nonane	57	19.621	19.616	0.005	91	2114182	15.0	15.6	
S 80 Xylenes, Total	106				0		45.0	48.1	
78 o-Xylene	106	20.344	20.344	0.000	98	1372468	15.0	16.3	
79 Styrene	104	20.381	20.381	0.000	99	2316891	15.0	16.5	
81 Bromoform	173	20.718	20.718	0.000	93	1569091	15.0	17.3	
82 Isopropylbenzene	105	21.012	21.012	0.000	98	4095439	15.0	16.4	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	2531375	15.0	14.9	
84 1,2,3-Trichloropropane	75	21.628	21.628	0.000	99	1973694	15.0	14.9	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	5210536	15.0	15.9	
86 2-Chlorotoluene	91	21.858	21.858	0.000	96	3370714	15.0	15.5	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	4100827	15.0	15.9	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	3498931	15.0	15.9	
89 n-Decane	57	22.007	22.007	0.000	91	2773338	15.0	15.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.318	22.312	0.006	85	1701322	15.0	16.6	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	3153068	15.0	16.0	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	99	3528490	15.0	15.6	
93 sec-Butylbenzene	105	22.788	22.783	0.005	98	5100960	15.0	16.1	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	98	2312785	15.0	15.5	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	96	4212516	15.0	16.4	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	2312740	15.0	15.4	
97 Benzyl chloride	91	23.259	23.259	0.000	98	3455960	15.0	17.0	
98 n-Butylbenzene	91	23.559	23.559	0.000	99	4516038	15.0	16.4	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	2236864	15.0	15.3	
100 Undecane	57	23.703	23.698	0.005	95	3046676	15.0	15.4	
101 Dodecane	57	25.324	25.324	0.000	97	2849523	15.0	15.6	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	93	1880310	15.0	16.0	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	96	1494324	15.0	15.5	
104 Naphthalene	128	26.614	26.614	0.000	98	4586740	15.0	16.9	
105 1,2,3-Trichlorobenzene	180	27.042	27.041	0.001	94	1743607	15.0	15.8	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00140	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

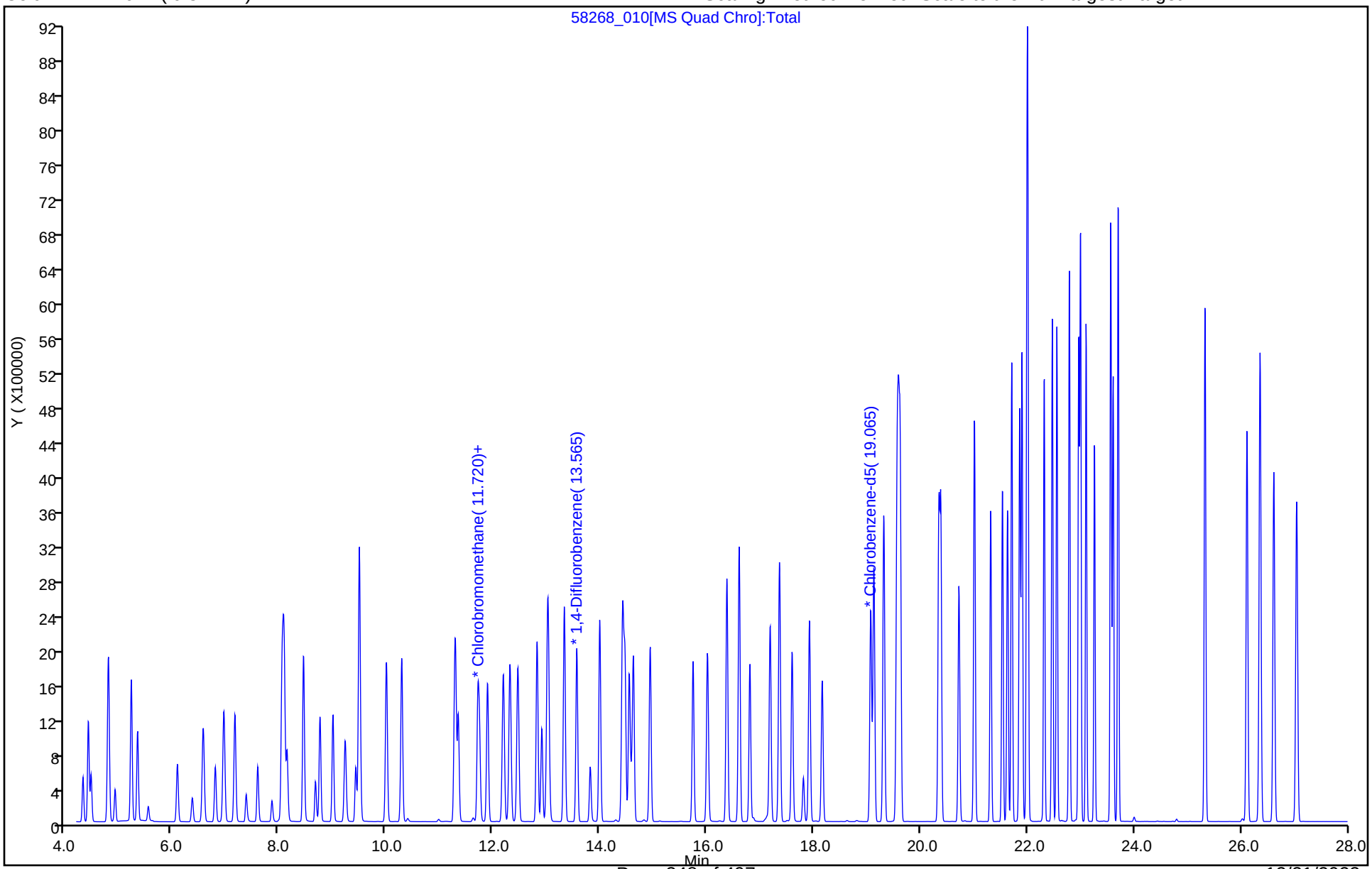
Report Date: 16-Dec-2023 06:22:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_010.D

Injection Date:	15-Dec-2023 21:00:39	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_012.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 15-Dec-2023 22:43:33 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-012
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:36 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:13:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	98	486334	20.0	18.3	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	2065530	20.0	19.3	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	1128396	20.0	18.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	97	2274888	20.0	19.0	
5 Chloromethane	50	4.920	4.920	0.000	99	674288	20.0	17.7	
7 Butane	43	5.220	5.220	0.000	99	1572904	20.0	16.8	
6 Vinyl chloride	62	5.225	5.225	0.000	100	1142332	20.0	16.1	
8 Butadiene	54	5.337	5.343	-0.006	91	830759	20.0	15.6	
9 Bromomethane	94	6.086	6.086	0.000	99	841480	20.0	18.7	
10 Chloroethane	64	6.364	6.365	-0.001	100	473011	20.0	18.7	
12 2-Methylbutane	43	6.568	6.568	0.000	93	933405	20.0	18.3	
13 Vinyl bromide	106	6.792	6.798	-0.006	99	857821	20.0	19.6	
14 Trichlorofluoromethane	101	6.953	6.958	-0.005	99	2260278	20.0	19.1	
15 Pentane	43	7.162	7.162	0.000	96	1526876	20.0	18.5	
16 Ethanol	45	7.370	7.381	-0.011	98	766910	40.0	37.1	
18 Ethyl ether	59	7.590	7.595	-0.005	92	663904	20.0	19.7	
19 Acrolein	56	7.857	7.863	-0.006	96	354695	20.0	19.6	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	96	1028050	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.077	-0.001	94	2182975	20.0	19.2	
22 Acetone	43	8.135	8.146	-0.011	98	1486033	20.0	18.3	
24 Carbon disulfide	76	8.446	8.446	0.000	100	3080638	20.0	19.1	
23 Isopropyl alcohol	45	8.446	8.456	-0.010	60	1538320	20.0	19.0	
25 Acetonitrile	41	8.670	8.676	-0.006	98	759702	20.0	18.8	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	98	1351986	20.0	19.5	
27 Methylene Chloride	49	8.997	8.997	0.000	95	1264843	20.0	18.4	
28 2-Methyl-2-propanol	59	9.221	9.237	-0.016	99	2062103	20.0	19.5	
29 Acrylonitrile	53	9.425	9.425	0.000	94	832624	20.0	19.3	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	83	1685997	20.0	19.1	
31 Methyl tert-butyl ether	73	9.494	9.500	-0.006	97	3002273	20.0	20.5	
32 Hexane	57	10.002	9.997	0.005	94	1692244	20.0	19.9	
S 35 1,2-Dichloroethene, Total	61				0		40.0	39.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.280	10.286	-0.006	100	2046885	20.0	18.6	
34 Vinyl acetate	43	10.291	10.291	0.000	100	2020669	15.8	15.4	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	99	562232	20.0	19.5	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	95	1136735	20.0	19.9	
38 Ethyl acetate	88	11.345	11.345	0.000	100	96297	20.0	19.7	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	96	457784	10.0	10.0	
40 Tetrahydrofuran	42	11.741	11.746	-0.005	92	1186336	20.0	19.0	
41 Chloroform	83	11.891	11.891	0.000	96	2350848	20.0	19.1	
42 1,1,1-Trichloroethane	97	12.190	12.191	0.000	98	2254684	20.0	19.6	
43 Cyclohexane	84	12.313	12.314	-0.001	98	1422266	20.0	20.6	
44 Carbon tetrachloride	117	12.463	12.458	0.005	97	2248524	20.0	19.7	
45 Benzene	78	12.822	12.822	0.000	97	3397420	20.0	19.4	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	93	1535908	20.0	18.9	
47 Isooctane	57	13.025	13.025	0.000	99	5456125	20.0	20.1	
48 n-Heptane	43	13.330	13.330	0.000	93	2015481	20.0	19.8	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	2200476	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	88	569384	20.0	18.8	
51 Trichloroethene	95	13.993	13.993	0.000	94	1539135	20.0	19.2	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	91	1382738	20.0	19.1	
54 Methyl methacrylate	69	14.550	14.544	0.006	97	1289511	20.0	20.4	
55 1,4-Dioxane	88	14.587	14.593	-0.006	96	666651	20.0	17.2	
57 Dibromomethane	174	14.625	14.625	0.000	91	1190460	20.0	19.1	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	2550469	20.0	19.8	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	93	2093098	20.0	21.2	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	-0.006	97	2692579	20.0	20.0	
62 Toluene	92	16.374	16.374	0.000	94	2355645	20.0	20.6	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	9685682	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	93	2832567	20.0	20.4	
A 65 C8 Range	1	16.604	(16.524-16.684)		0	10840560	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	97	1956566	20.0	20.9	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	1307116	20.0	19.3	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	1698053	20.0	19.4	
69 2-Hexanone	43	17.594	17.599	-0.005	94	2579363	20.0	20.0	
70 Chlorodibromomethane	129	17.920	17.920	0.000	98	2394180	20.0	20.8	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	2224073	20.0	20.1	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	89	2008125	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	91	3084582	20.0	19.3	
75 Ethylbenzene	91	19.316	19.311	0.005	99	5291284	20.0	20.4	
76 m-Xylene & p-Xylene	106	19.578	19.579	-0.001	0	3945226	40.0	41.6	
77 n-Nonane	57	19.621	19.616	0.005	92	2856089	20.0	20.1	
S 80 Xylenes, Total	106				0		60.0	63.2	
78 o-Xylene	106	20.343	20.344	-0.001	98	1912743	20.0	21.7	
79 Styrene	104	20.381	20.381	0.000	100	3223060	20.0	21.8	
81 Bromoform	173	20.723	20.718	0.005	94	2155101	20.0	22.7	
82 Isopropylbenzene	105	21.012	21.012	0.000	98	5617072	20.0	21.5	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	3448379	20.0	19.3	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	99	2682919	20.0	19.3	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	6965178	20.0	20.2	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	96	4556919	20.0	20.0	
87 4-Ethyltoluene	105	21.900	21.900	0.000	97	5511800	20.0	20.3	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	92	4689093	20.0	20.2	
89 n-Decane	57	22.007	22.007	0.000	92	3640566	20.0	19.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.317	22.312	0.005	85	2391804	20.0	22.2	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	4270138	20.0	20.6	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	99	4742564	20.0	20.0	
93 sec-Butylbenzene	105	22.788	22.783	0.005	97	6689563	20.0	20.1	
94 1,3-Dichlorobenzene	146	22.965	22.960	0.005	98	3089812	20.0	19.7	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	96	5544928	20.0	20.6	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	3100987	20.0	19.7	
97 Benzyl chloride	91	23.254	23.259	-0.005	98	4592593	20.0	21.5	
98 n-Butylbenzene	91	23.559	23.559	0.000	99	6012520	20.0	20.8	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	92	3030021	20.0	19.8	
100 Undecane	57	23.698	23.698	0.000	95	4037687	20.0	19.5	
101 Dodecane	57	25.324	25.324	0.000	98	3824053	20.0	19.9	
102 1,2,4-Trichlorobenzene	180	26.110	26.111	-0.001	93	2540951	20.0	20.6	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	96	2033353	20.0	20.1	
104 Naphthalene	128	26.613	26.614	-0.001	98	6047336	20.0	21.2	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	94	2358086	20.0	20.4	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00229	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

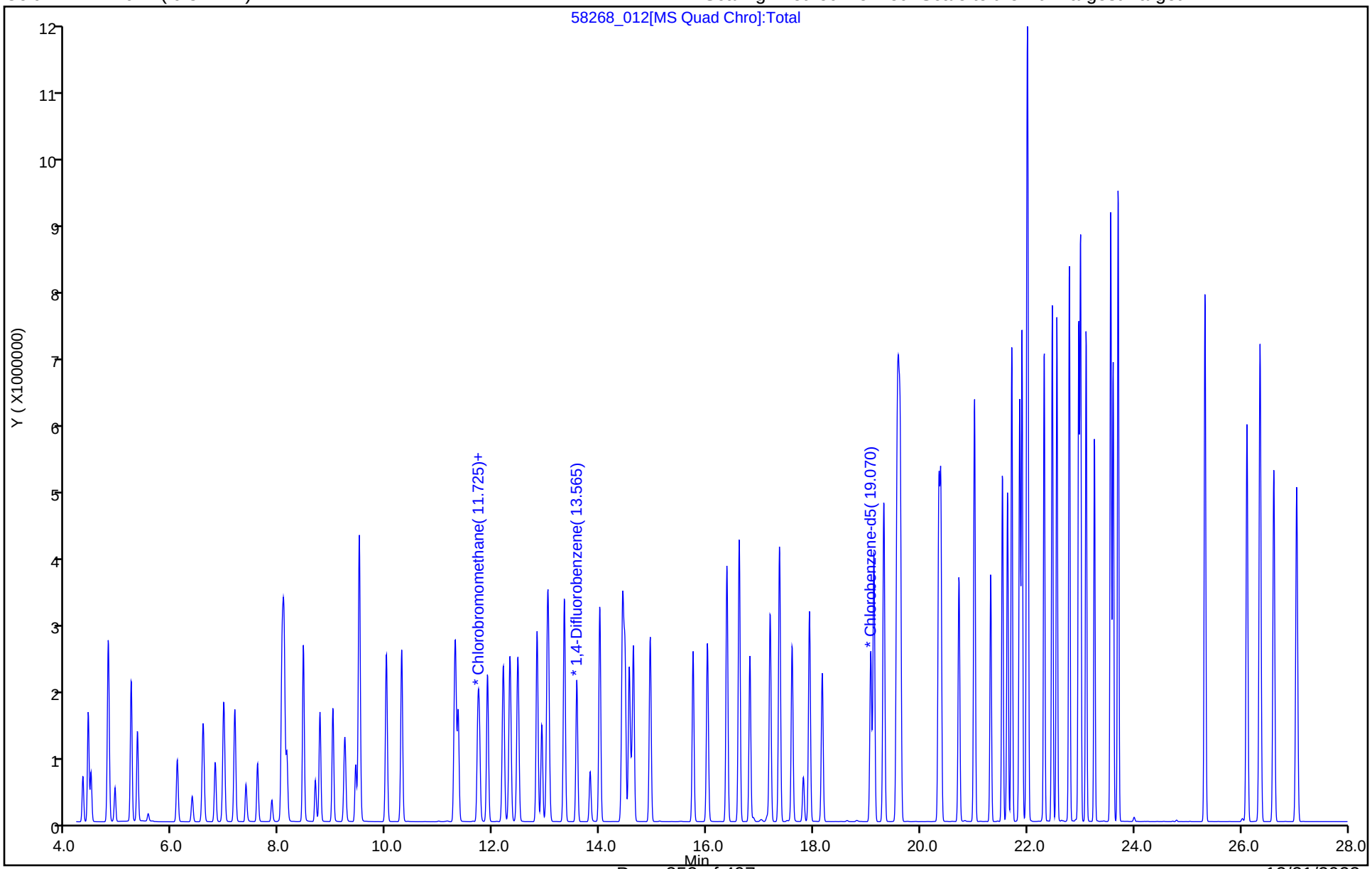
Report Date: 16-Dec-2023 06:22:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_012.D

Injection Date:	15-Dec-2023 22:43:33	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	IC			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 15-Dec-2023 23:35:16 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-013
Operator ID: wrd Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:40 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:14:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	0.000	98	1040572	40.0	38.3	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	4347917	40.0	39.7	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	2395277	40.0	38.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	96	4807282	40.0	39.3	
5 Chloromethane	50	4.920	4.920	0.000	99	1409771	40.0	36.1	
7 Butane	43	5.220	5.220	0.000	98	2993993	40.0	31.2	
6 Vinyl chloride	62	5.225	5.225	0.000	100	2157771	40.0	29.7	
8 Butadiene	54	5.337	5.343	-0.006	92	1590997	40.0	29.1	
9 Bromomethane	94	6.086	6.086	0.000	99	1774653	40.0	38.5	
10 Chloroethane	64	6.364	6.365	-0.001	100	995500	40.0	38.5	
12 2-Methylbutane	43	6.568	6.568	0.000	92	1987351	40.0	38.1	
13 Vinyl bromide	106	6.798	6.798	0.000	99	1815097	40.0	40.6	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	99	4768967	40.0	39.4	
15 Pentane	43	7.162	7.162	0.000	96	3236513	40.0	38.2	
16 Ethanol	45	7.370	7.381	-0.011	98	2018679	100.0	95.4	
18 Ethyl ether	59	7.584	7.595	-0.011	92	1404276	40.0	40.6	
19 Acrolein	56	7.852	7.863	-0.011	96	762740	40.0	41.1	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	97	2148356	40.0	39.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.082	8.077	0.005	93	4514849	40.0	38.8	
22 Acetone	43	8.135	8.146	-0.011	97	3047102	40.0	36.8	
24 Carbon disulfide	76	8.445	8.446	-0.001	100	6248135	40.0	37.9	
23 Isopropyl alcohol	45	8.440	8.456	-0.016	100	3173212	40.0	38.3	
25 Acetonitrile	41	8.670	8.676	-0.006	98	1576784	40.0	38.0	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	97	2766368	40.0	39.0	
27 Methylene Chloride	49	8.996	8.997	-0.001	94	2560886	40.0	36.4	
28 2-Methyl-2-propanol	59	9.216	9.237	-0.021	99	4216528	40.0	38.9	
29 Acrylonitrile	53	9.424	9.425	-0.001	94	1707887	40.0	38.6	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	98	3361223	40.0	37.3	
31 Methyl tert-butyl ether	73	9.489	9.500	-0.011	97	6047867	40.0	40.4	
32 Hexane	57	10.002	9.997	0.005	93	3449464	40.0	39.5	
S 35 1,2-Dichloroethene, Total	61				0		80.0	76.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.286	10.286	0.000	100	4090002	40.0	36.3	
34 Vinyl acetate	43	10.286	10.291	-0.005	100	4180145	31.6	31.2	
36 2-Butanone (MEK)	72	11.270	11.276	-0.006	99	1158162	40.0	39.3	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	98	2300946	40.0	39.4	
38 Ethyl acetate	88	11.340	11.345	-0.005	99	201820	40.0	40.3	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	96	468469	10.0	10.0	
40 Tetrahydrofuran	42	11.736	11.746	-0.010	92	2404457	40.0	37.6	
41 Chloroform	83	11.896	11.891	0.005	97	4715366	40.0	37.5	
42 1,1,1-Trichloroethane	97	12.190	12.191	0.000	98	4586271	40.0	39.0	
43 Cyclohexane	84	12.313	12.314	-0.001	98	2910358	40.0	41.2	
44 Carbon tetrachloride	117	12.463	12.458	0.005	97	4609439	40.0	39.4	
45 Benzene	78	12.822	12.822	0.000	97	6784764	40.0	37.9	
46 1,2-Dichloroethane	62	12.913	12.907	0.006	94	3080872	40.0	37.1	
47 Isooctane	57	13.025	13.025	0.000	99	10805062	40.0	38.9	
48 n-Heptane	43	13.335	13.330	0.005	93	4081022	40.0	39.1	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	96	2250930	10.0	10.0	
50 n-Butanol	56	13.811	13.817	-0.006	88	1238470	40.0	40.1	
51 Trichloroethene	95	13.993	13.993	0.000	93	3119684	40.0	38.0	
53 1,2-Dichloropropane	63	14.469	14.464	0.005	91	2798482	40.0	37.8	
54 Methyl methacrylate	69	14.550	14.544	0.006	98	2650851	40.0	41.1	
55 1,4-Dioxane	88	14.582	14.593	-0.011	96	1310700	40.0	33.1	
57 Dibromomethane	174	14.624	14.625	-0.001	91	2381527	40.0	37.4	
58 Dichlorobromomethane	83	14.940	14.940	0.000	99	5131406	40.0	38.9	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	93	4284806	40.0	42.5	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	-0.006	96	5377786	40.0	39.0	
62 Toluene	92	16.379	16.374	0.005	94	4695118	40.0	40.2	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	19272978	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	92	5575658	40.0	39.2	
A 65 C8 Range	1	16.604	(16.524-16.684)		0	21649125	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	97	3996844	40.0	41.8	
67 1,1,2-Trichloroethane	83	17.187	17.182	0.005	97	2633642	40.0	38.2	
68 Tetrachloroethene	166	17.364	17.358	0.006	95	3394319	40.0	38.1	
69 2-Hexanone	43	17.594	17.599	-0.005	95	5193229	40.0	39.6	
70 Chlorodibromomethane	129	17.920	17.920	0.000	97	4760579	40.0	40.6	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	4433609	40.0	39.3	
* 73 Chlorobenzene-d5	117	19.070	19.070	0.000	90	2048421	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	90	6063427	40.0	37.3	
75 Ethylbenzene	91	19.316	19.311	0.005	99	10129914	40.0	38.2	
76 m-Xylene & p-Xylene	106	19.578	19.579	-0.001	0	7506766	80.0	77.5	
77 n-Nonane	57	19.621	19.616	0.005	89	5527625	40.0	38.1	
S 80 Xylenes, Total	106				0		120.0	119.4	
78 o-Xylene	106	20.343	20.344	-0.001	98	3772351	40.0	41.9	
79 Styrene	104	20.381	20.381	0.000	99	6246756	40.0	41.5	
81 Bromoform	173	20.723	20.718	0.005	95	4319652	40.0	44.5	
82 Isopropylbenzene	105	21.012	21.012	0.000	96	10656698	40.0	39.9	
83 1,1,2,2-Tetrachloroethane	83	21.536	21.531	0.005	98	6767885	40.0	37.1	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	98	5392986	40.0	38.1	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	12784276	40.0	36.3	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	97	9076986	40.0	39.0	
87 4-Ethyltoluene	105	21.900	21.900	0.000	96	10357313	40.0	37.5	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	92	8649504	40.0	36.6	
89 n-Decane	57	22.013	22.007	0.005	92	6800514	40.0	35.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.317	22.312	0.005	84	4766976	40.0	43.3	
91 tert-Butylbenzene	119	22.467	22.467	0.000	89	8155831	40.0	38.7	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	98	8941999	40.0	36.9	
93 sec-Butylbenzene	105	22.788	22.783	0.005	95	12024394	40.0	35.5	
94 1,3-Dichlorobenzene	146	22.965	22.960	0.005	97	5902132	40.0	36.9	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	94	10065902	40.0	36.7	
96 1,4-Dichlorobenzene	146	23.104	23.099	0.005	89	5984163	40.0	37.2	
97 Benzyl chloride	91	23.259	23.259	0.000	98	8904488	40.0	40.9	
98 n-Butylbenzene	91	23.564	23.559	0.005	98	10705474	40.0	36.4	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	91	5740369	40.0	36.7	
100 Undecane	57	23.703	23.698	0.005	94	7622896	40.0	36.1	
101 Dodecane	57	25.329	25.324	0.005	97	7300130	40.0	37.3	
102 1,2,4-Trichlorobenzene	180	26.116	26.111	0.005	93	5007142	40.0	39.7	
103 Hexachlorobutadiene	225	26.362	26.357	0.005	97	3983072	40.0	38.6	
104 Naphthalene	128	26.619	26.614	0.005	98	11498788	40.0	39.4	
105 1,2,3-Trichlorobenzene	180	27.047	27.041	0.006	94	4685223	40.0	39.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00140	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

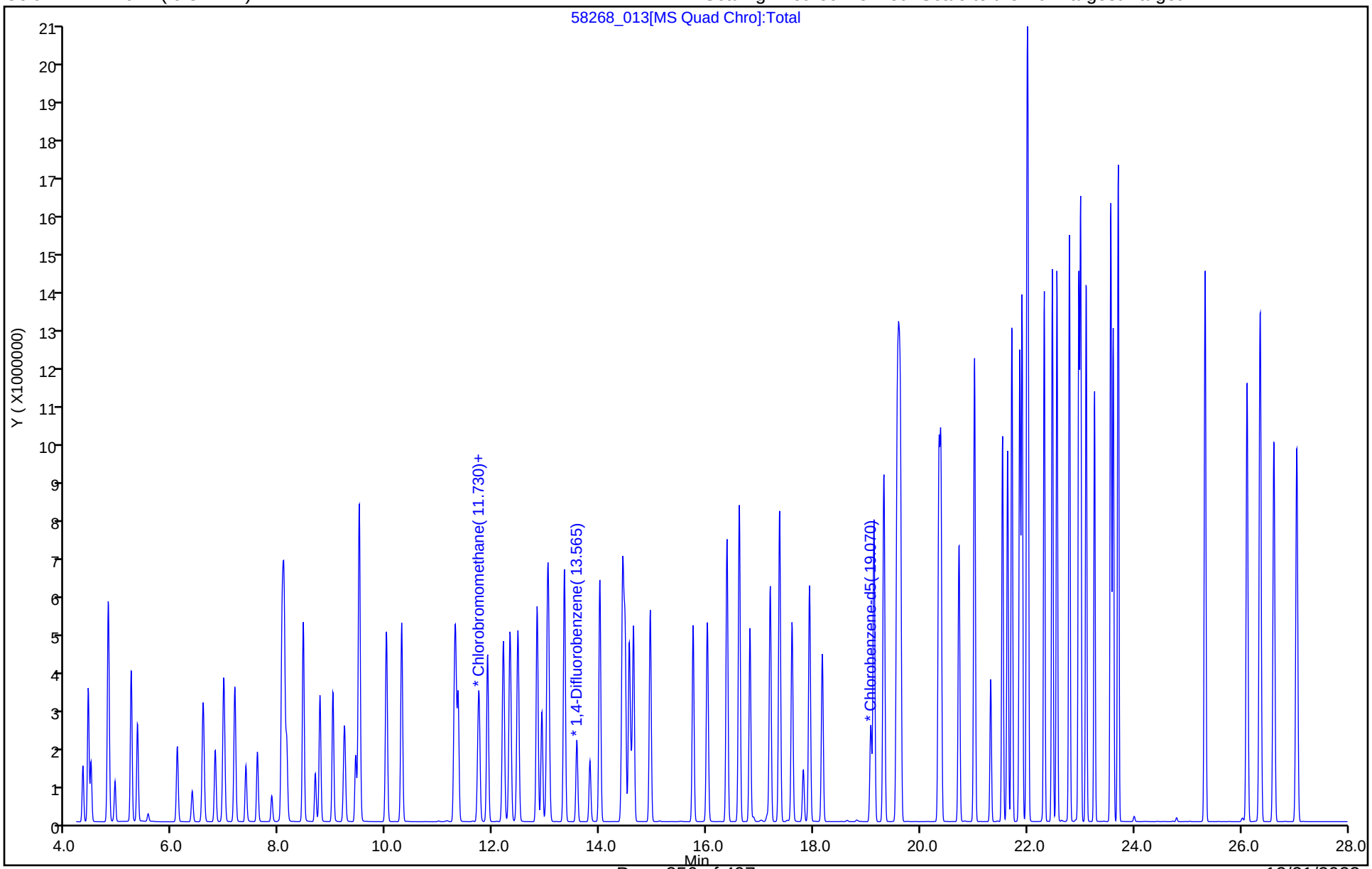
Report Date: 16-Dec-2023 06:22:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Injection Date:	15-Dec-2023 23:35:16	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

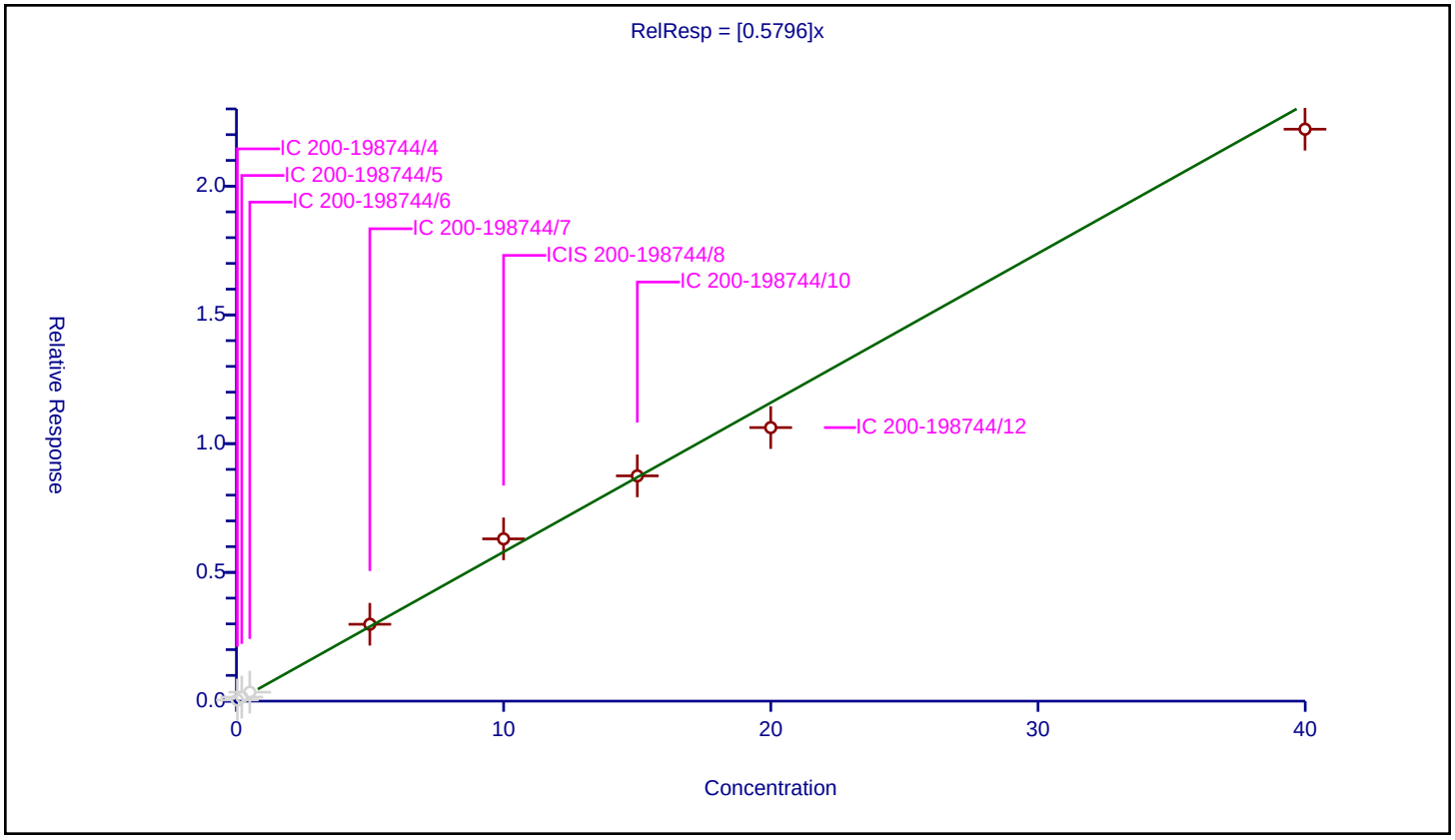
Curve Coefficients

Intercept:	0
Slope:	0.5796

Error Coefficients

Standard Error:	618000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.043574	10.0	379354.0	1.242243	N
2	IC 200-198744/5	0.20044	0.157072	10.0	373013.0	0.783639	N
3	IC 200-198744/6	0.500453	0.347754	10.0	361031.0	0.694879	N
4	IC 200-198744/7	4.992563	2.986001	10.0	368600.0	0.59809	Y
5	ICIS 200-198744/8	9.99806	6.301188	10.0	383807.0	0.630241	Y
6	IC 200-198744/10	15.003557	8.748602	10.0	421105.0	0.583102	Y
7	IC 200-198744/12	19.99612	10.623657	10.0	457784.0	0.531286	Y
8	IC 200-198744/13	39.99224	22.212185	10.0	468469.0	0.555412	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

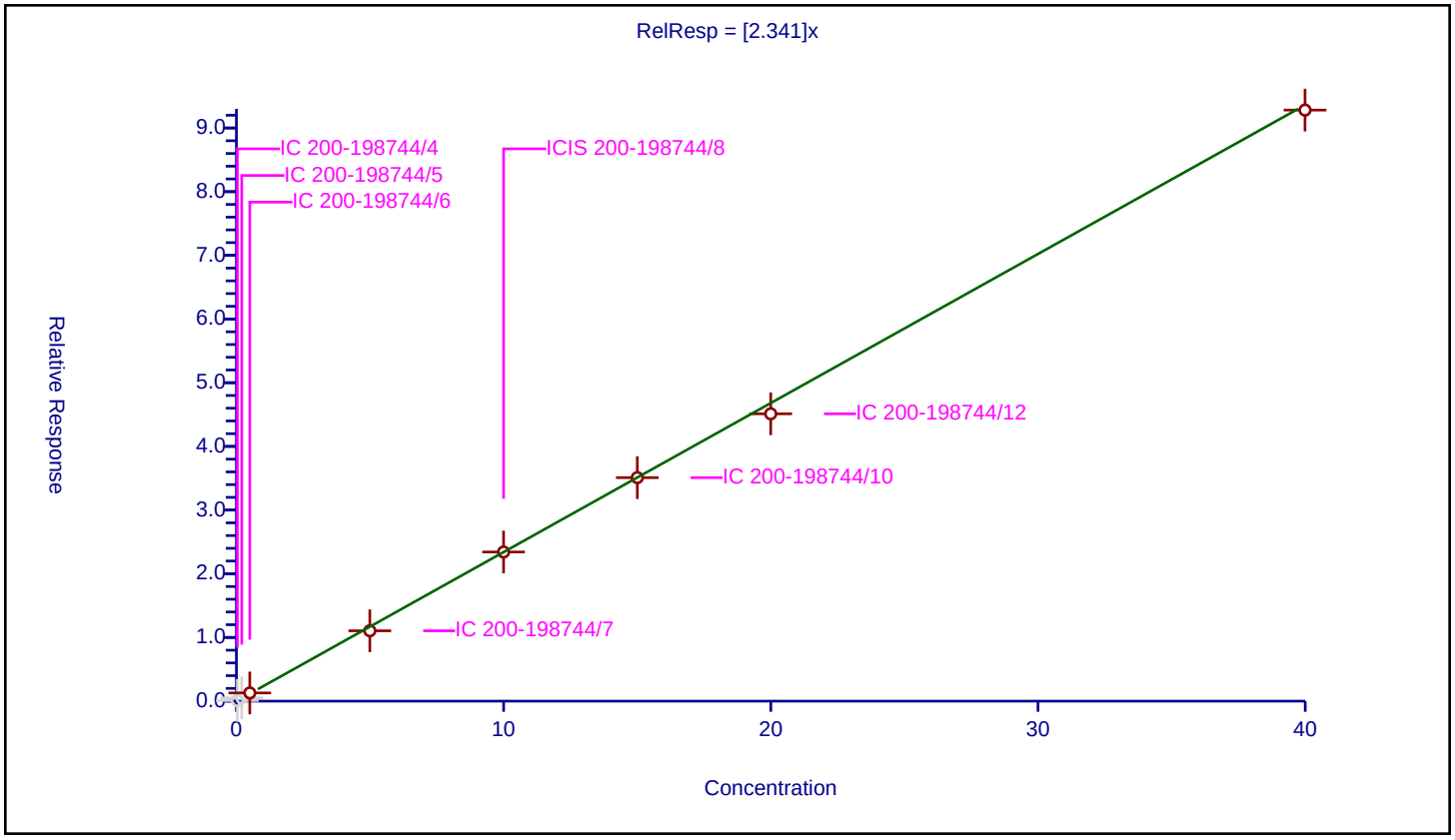
Curve Coefficients

Intercept:	0
Slope:	2.341

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.101778	10.0	379354.0	2.901572	N
2	IC 200-198744/5	0.20044	0.510679	10.0	373013.0	2.547795	N
3	IC 200-198744/6	0.500453	1.287286	10.0	361031.0	2.572243	Y
4	IC 200-198744/7	4.992563	11.048209	10.0	368600.0	2.212933	Y
5	ICIS 200-198744/8	9.99806	23.417655	10.0	383807.0	2.34222	Y
6	IC 200-198744/10	15.003557	35.096472	10.0	421105.0	2.33921	Y
7	IC 200-198744/12	19.99612	45.120188	10.0	457784.0	2.256447	Y
8	IC 200-198744/13	39.99224	92.8112	10.0	468469.0	2.32073	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

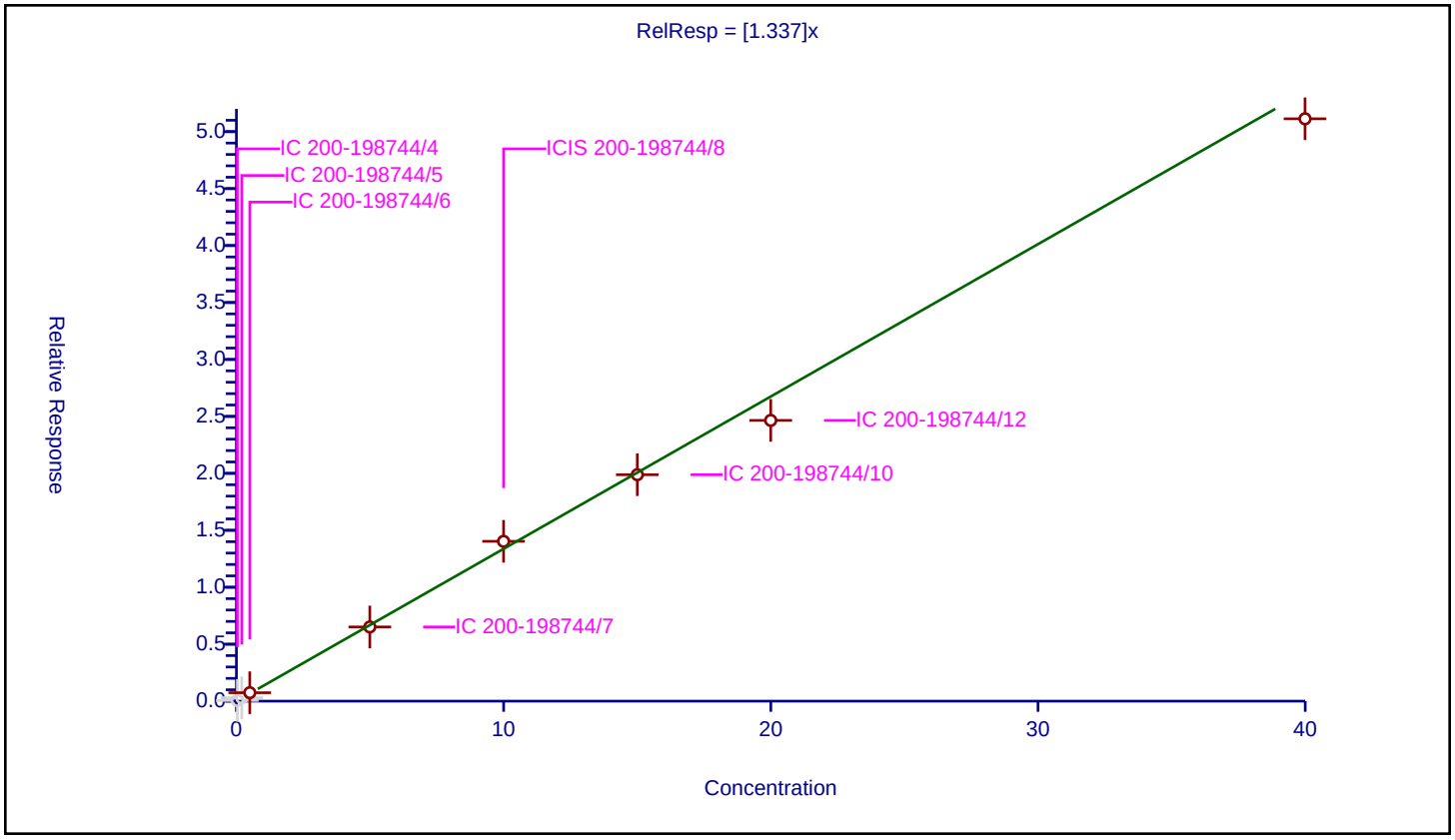
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.060577	10.0	379354.0	1.726965	N
2	IC 200-198744/5	0.20044	0.297067	10.0	373013.0	1.482079	N
3	IC 200-198744/6	0.500453	0.740795	10.0	361031.0	1.48025	Y
4	IC 200-198744/7	4.992563	6.513456	10.0	368600.0	1.304632	Y
5	ICIS 200-198744/8	9.99806	14.031974	10.0	383807.0	1.40347	Y
6	IC 200-198744/10	15.003557	19.88079	10.0	421105.0	1.325072	Y
7	IC 200-198744/12	19.99612	24.649092	10.0	457784.0	1.232694	Y
8	IC 200-198744/13	39.99224	51.129893	10.0	468469.0	1.278495	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

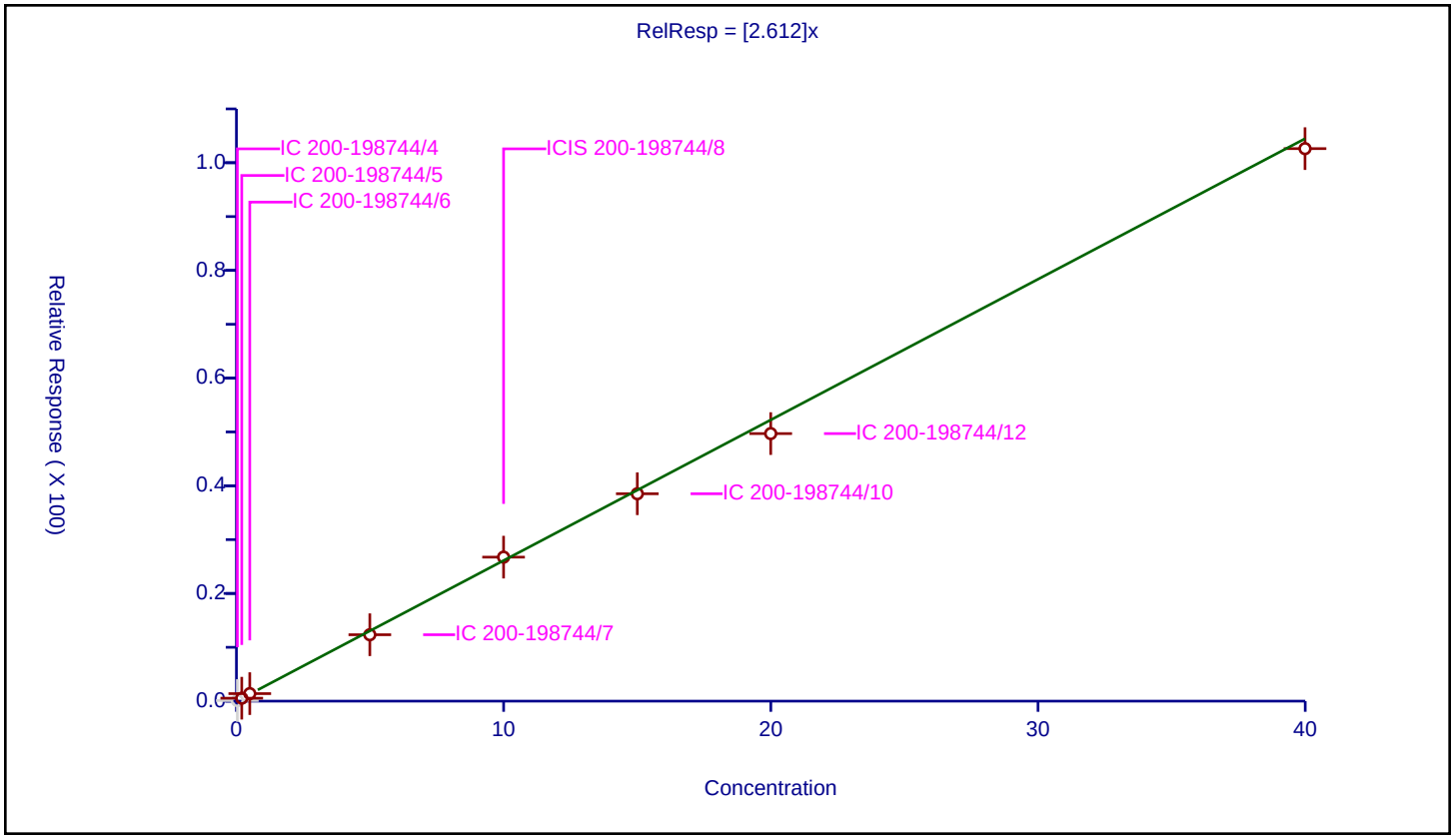
Curve Coefficients

Intercept:	0
Slope:	2.612

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.110135	10.0	379354.0	3.1398	N
2	IC 200-198744/5	0.20044	0.546683	10.0	373013.0	2.727421	Y
3	IC 200-198744/6	0.500453	1.398273	10.0	361031.0	2.794017	Y
4	IC 200-198744/7	4.992563	12.332501	10.0	368600.0	2.470174	Y
5	ICIS 200-198744/8	9.99806	26.743207	10.0	383807.0	2.67484	Y
6	IC 200-198744/10	15.003557	38.519847	10.0	421105.0	2.567381	Y
7	IC 200-198744/12	19.99612	49.69348	10.0	457784.0	2.485156	Y
8	IC 200-198744/13	39.99224	102.616865	10.0	468469.0	2.565919	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

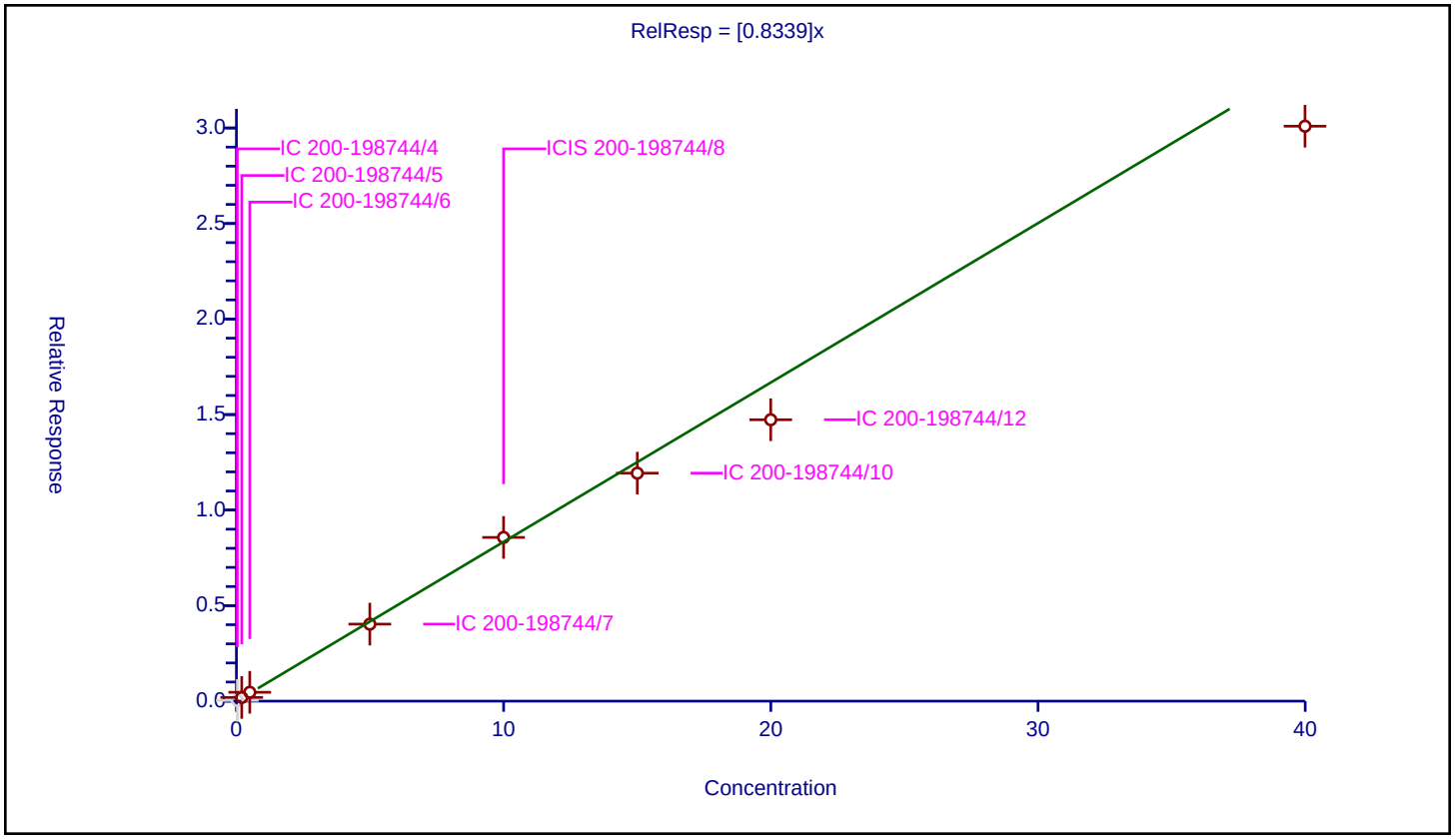
Curve Coefficients

Intercept:	0
Slope:	0.8339

Error Coefficients

Standard Error:	686000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.039356	10.0	379354.0	1.122001	N
2	IC 200-198744/5	0.20044	0.193184	10.0	373013.0	0.963799	Y
3	IC 200-198744/6	0.500453	0.462869	10.0	361031.0	0.9249	Y
4	IC 200-198744/7	4.992563	4.030955	10.0	368600.0	0.807392	Y
5	ICIS 200-198744/8	9.99806	8.568812	10.0	383807.0	0.857047	Y
6	IC 200-198744/10	15.003557	11.932178	10.0	421105.0	0.79529	Y
7	IC 200-198744/12	19.99612	14.729392	10.0	457784.0	0.736613	Y
8	IC 200-198744/13	39.99224	30.093155	10.0	468469.0	0.752475	Y



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Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

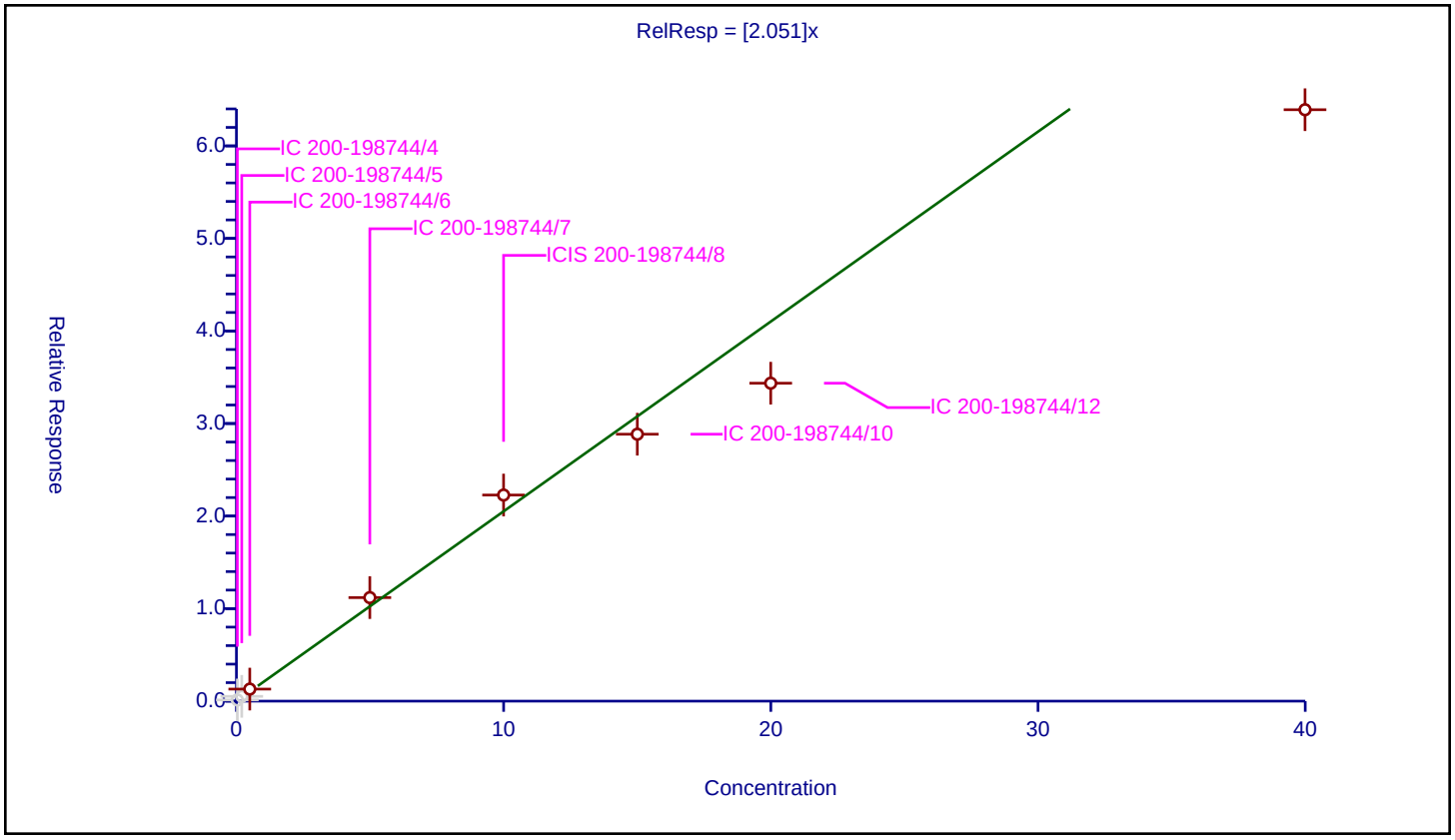
Curve Coefficients

Intercept:	0
Slope:	2.051

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	18.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.12864	10.0	379354.0	3.667359	N
2	IC 200-198744/5	0.20044	0.5158	10.0	373013.0	2.573342	N
3	IC 200-198744/6	0.500453	1.301052	10.0	361031.0	2.59975	Y
4	IC 200-198744/7	4.992563	11.187873	10.0	368600.0	2.240908	Y
5	ICIS 200-198744/8	9.99806	22.272184	10.0	383807.0	2.227651	Y
6	IC 200-198744/10	15.003557	28.845181	10.0	421105.0	1.922556	Y
7	IC 200-198744/12	19.99612	34.359086	10.0	457784.0	1.718288	Y
8	IC 200-198744/13	39.99224	63.910163	10.0	468469.0	1.598064	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

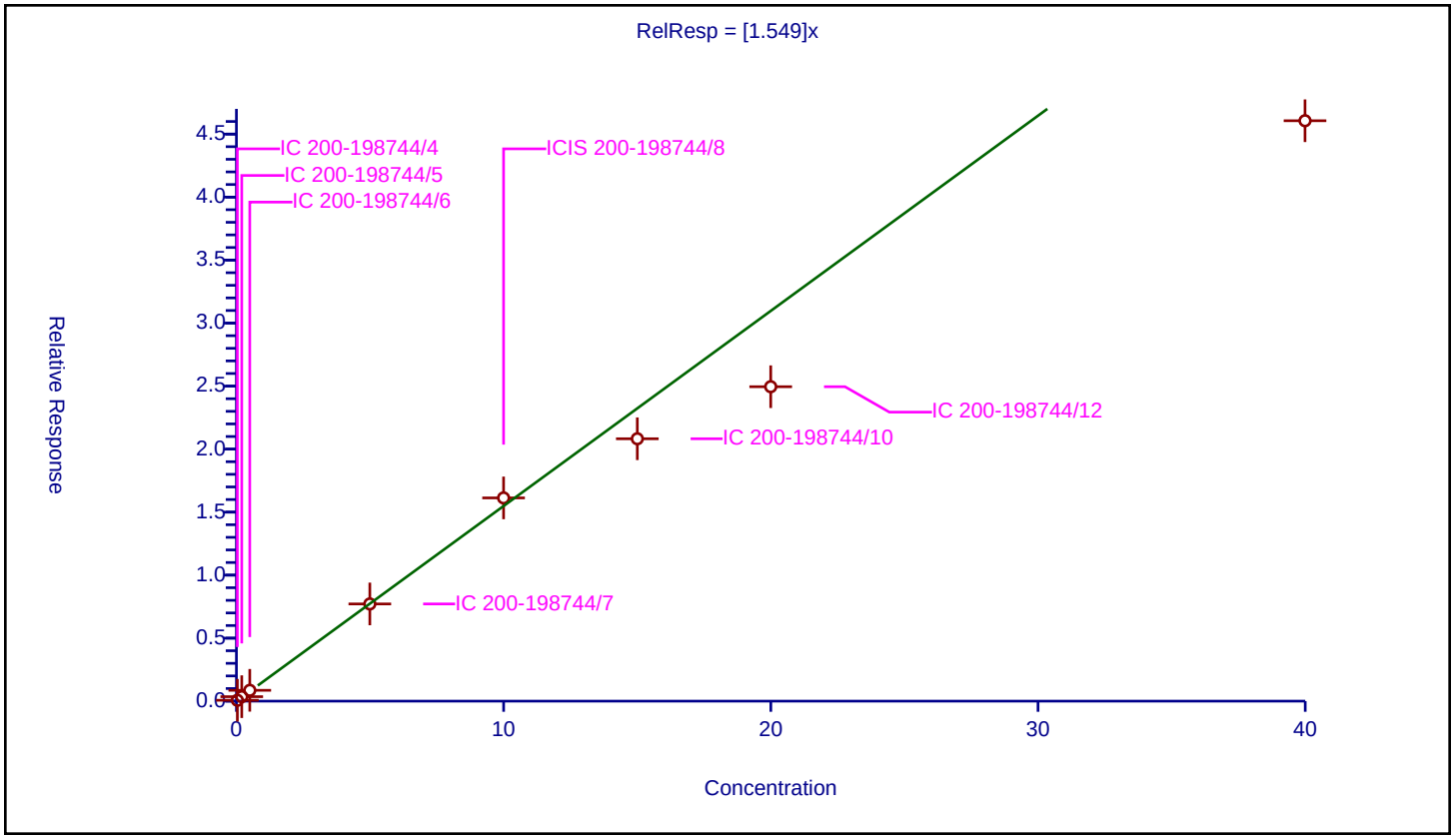
Curve Coefficients

Intercept:	0
Slope:	1.549

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	17.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.068959	10.0	379354.0	1.965945	Y
2	IC 200-198744/5	0.20044	0.353312	10.0	373013.0	1.762685	Y
3	IC 200-198744/6	0.500453	0.858153	10.0	361031.0	1.714755	Y
4	IC 200-198744/7	4.992563	7.713321	10.0	368600.0	1.544962	Y
5	ICIS 200-198744/8	9.99806	16.127246	10.0	383807.0	1.613038	Y
6	IC 200-198744/10	15.003557	20.823001	10.0	421105.0	1.387871	Y
7	IC 200-198744/12	19.99612	24.953515	10.0	457784.0	1.247918	Y
8	IC 200-198744/13	39.99224	46.060059	10.0	468469.0	1.151725	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

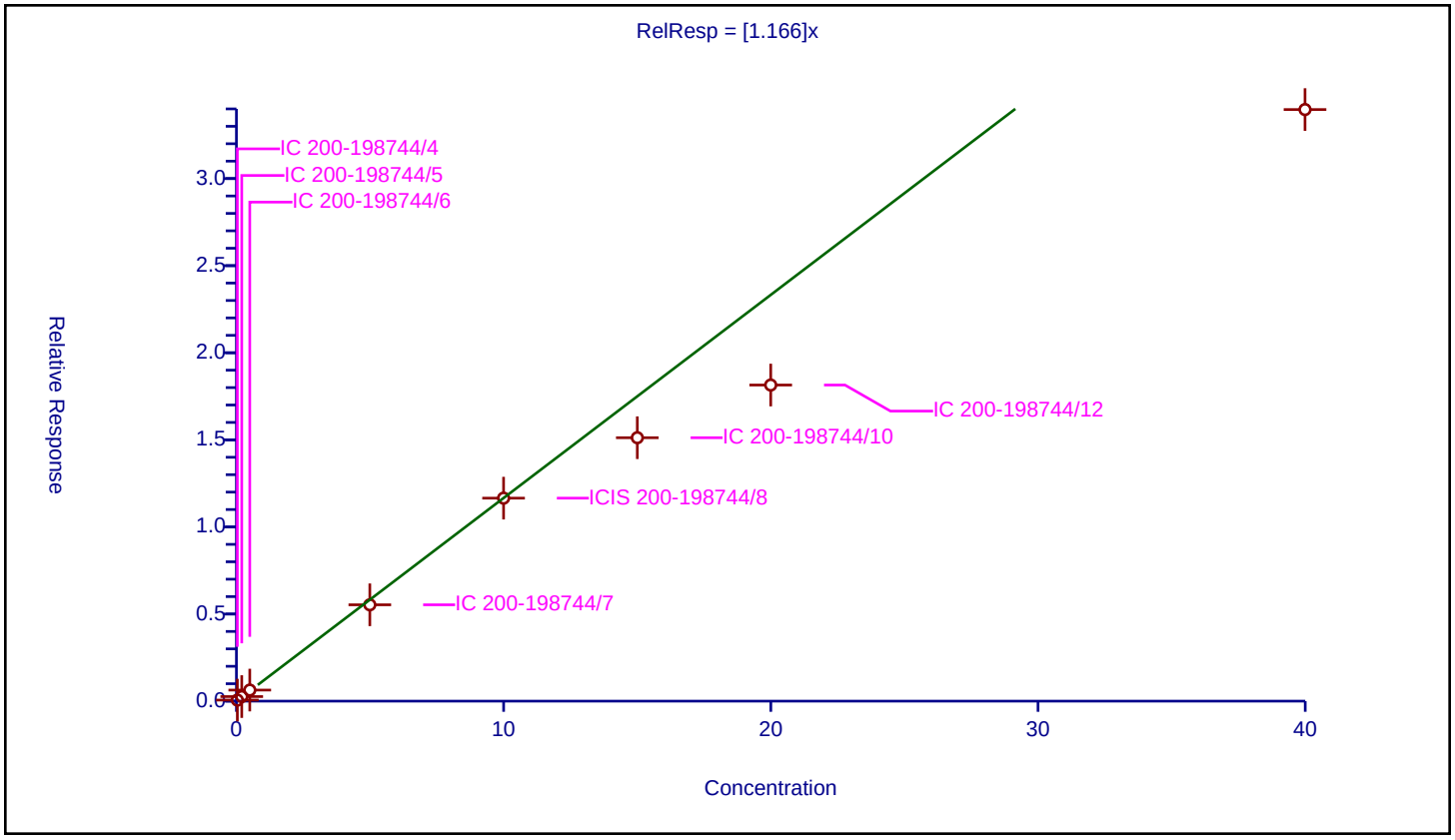
Curve Coefficients

Intercept:	0
Slope:	1.166

Error Coefficients

Standard Error:	743000
Relative Standard Error:	23.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.928

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.060234	10.0	379354.0	1.717196	Y
2	IC 200-198744/5	0.20044	0.261975	10.0	373013.0	1.307001	Y
3	IC 200-198744/6	0.500453	0.634765	10.0	361031.0	1.268383	Y
4	IC 200-198744/7	4.992563	5.530684	10.0	368600.0	1.107784	Y
5	ICIS 200-198744/8	9.99806	11.653826	10.0	383807.0	1.165609	Y
6	IC 200-198744/10	15.003557	15.12238	10.0	421105.0	1.00792	Y
7	IC 200-198744/12	19.99612	18.147401	10.0	457784.0	0.907546	Y
8	IC 200-198744/13	39.99224	33.961628	10.0	468469.0	0.849205	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

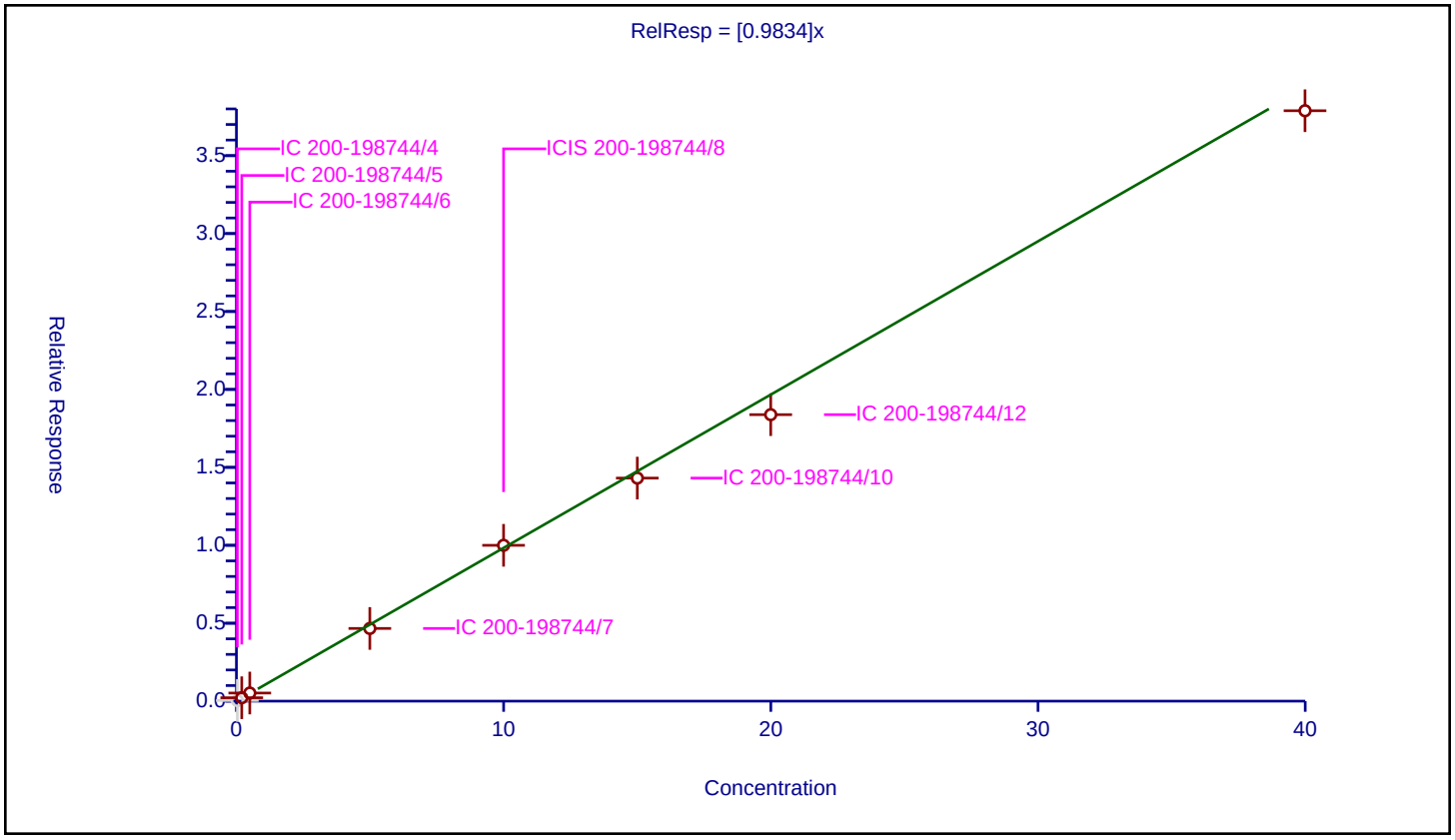
Curve Coefficients

Intercept:	0
Slope:	0.9834

Error Coefficients

Standard Error:	856000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.039831	10.0	379354.0	1.135529	N
2	IC 200-198744/5	0.20044	0.218089	10.0	373013.0	1.088053	Y
3	IC 200-198744/6	0.500453	0.521174	10.0	361031.0	1.041406	Y
4	IC 200-198744/7	4.992563	4.664813	10.0	368600.0	0.934352	Y
5	ICIS 200-198744/8	9.99806	9.997212	10.0	383807.0	0.999915	Y
6	IC 200-198744/10	15.003557	14.311751	10.0	421105.0	0.953891	Y
7	IC 200-198744/12	19.99612	18.381595	10.0	457784.0	0.919258	Y
8	IC 200-198744/13	39.99224	37.881973	10.0	468469.0	0.947233	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

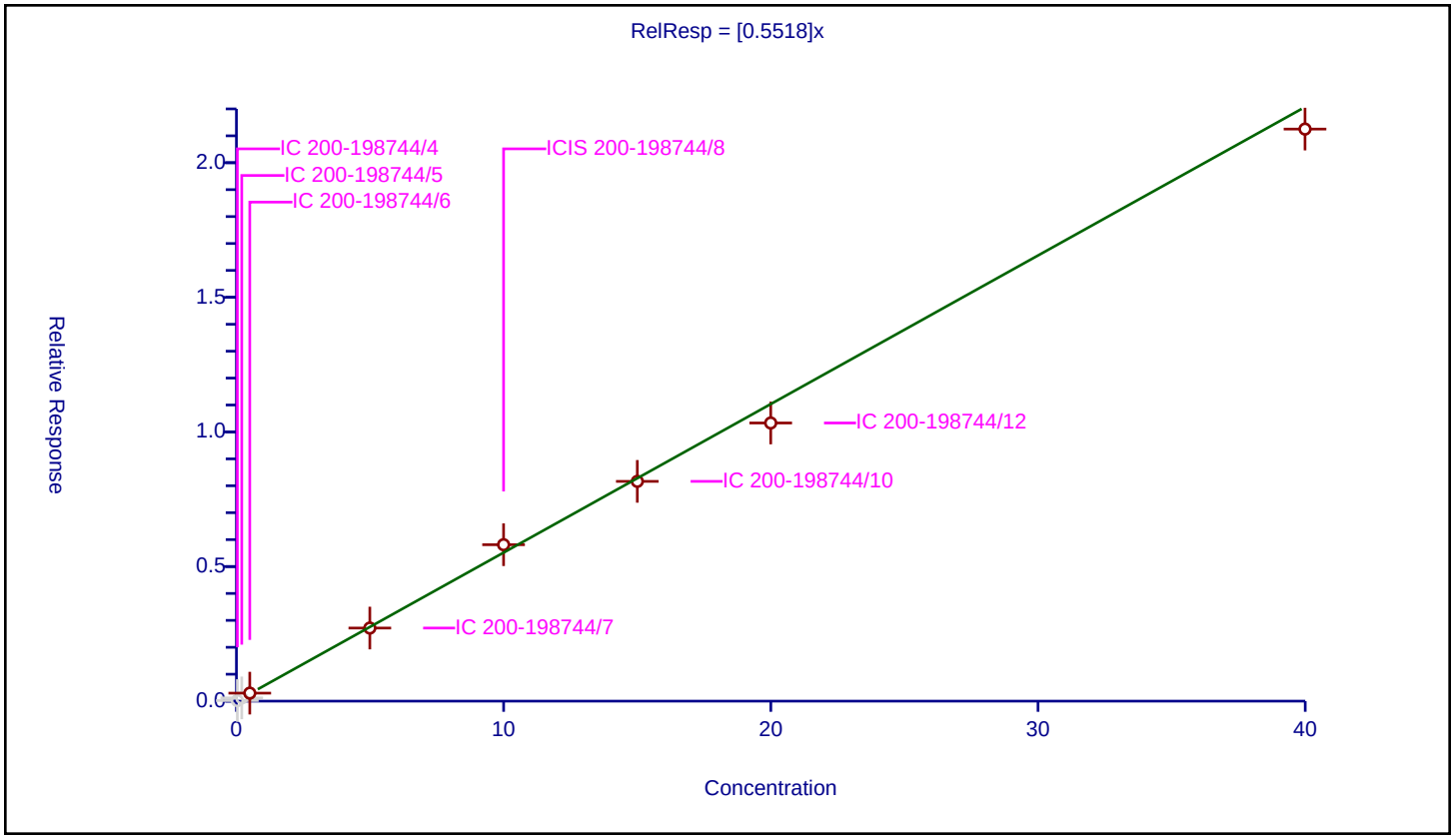
Curve Coefficients

Intercept:	0
Slope:	0.5518

Error Coefficients

Standard Error:	528000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.021247	10.0	379354.0	0.605715	N
2	IC 200-198744/5	0.20044	0.120532	10.0	373013.0	0.601338	N
3	IC 200-198744/6	0.500453	0.297121	10.0	361031.0	0.593705	Y
4	IC 200-198744/7	4.992563	2.715084	10.0	368600.0	0.543826	Y
5	ICIS 200-198744/8	9.99806	5.811489	10.0	383807.0	0.581262	Y
6	IC 200-198744/10	15.003557	8.16357	10.0	421105.0	0.544109	Y
7	IC 200-198744/12	19.99612	10.332624	10.0	457784.0	0.516731	Y
8	IC 200-198744/13	39.99224	21.250072	10.0	468469.0	0.531355	Y



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Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

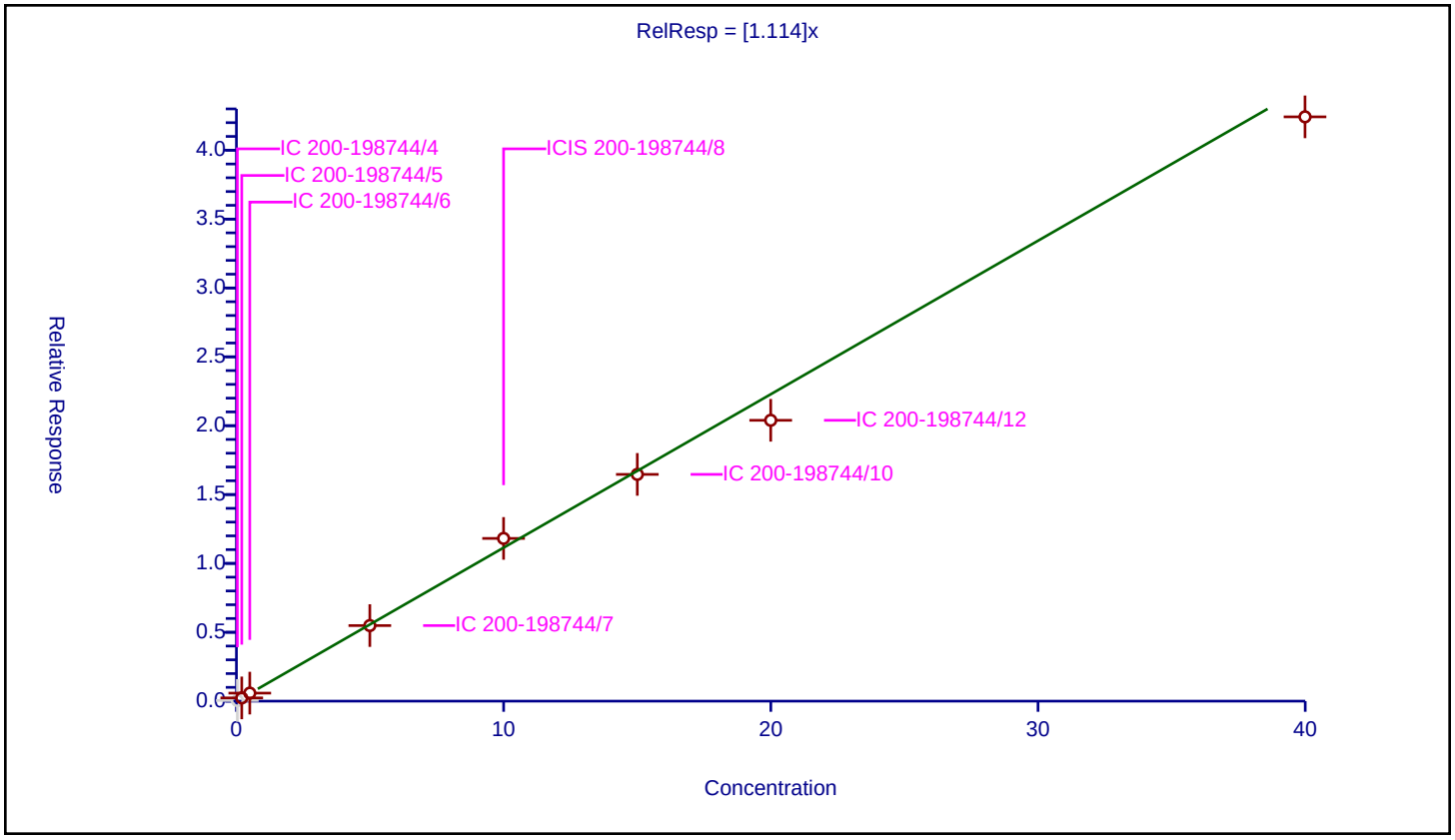
Curve Coefficients

Intercept:	0
Slope:	1.114

Error Coefficients

Standard Error:	962000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.046975	10.0	379354.0	1.339187	N
2	IC 200-198744/5	0.20044	0.235622	10.0	373013.0	1.175525	Y
3	IC 200-198744/6	0.500453	0.583329	10.0	361031.0	1.165604	Y
4	IC 200-198744/7	4.992563	5.487737	10.0	368600.0	1.099182	Y
5	ICIS 200-198744/8	9.99806	11.814375	10.0	383807.0	1.181667	Y
6	IC 200-198744/10	15.003557	16.462877	10.0	421105.0	1.097265	Y
7	IC 200-198744/12	19.99612	20.389638	10.0	457784.0	1.01968	Y
8	IC 200-198744/13	39.99224	42.422252	10.0	468469.0	1.060762	Y



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Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

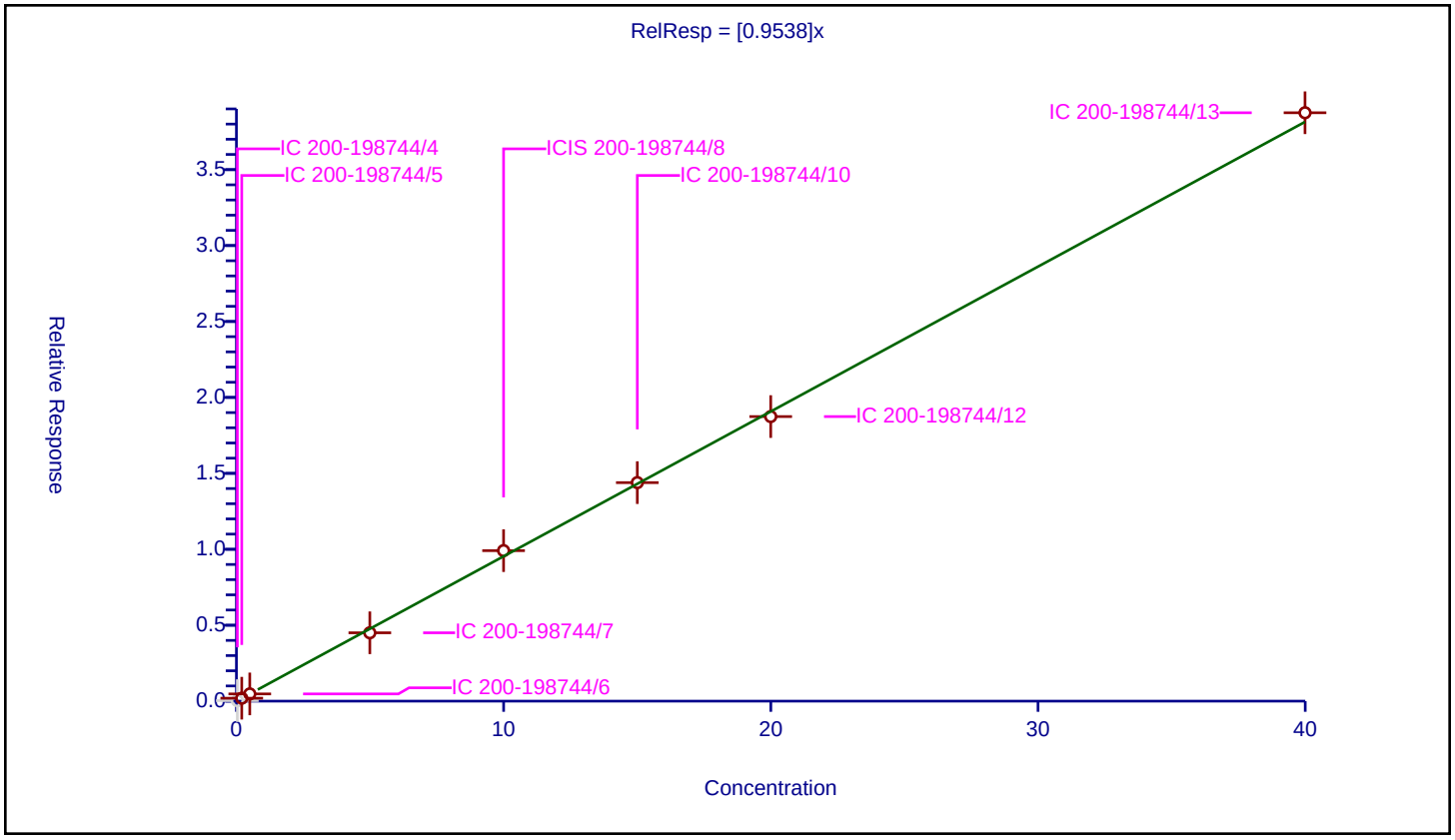
Curve Coefficients

Intercept:	0
Slope:	0.9538

Error Coefficients

Standard Error:	873000
Relative Standard Error:	3.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.034638	10.0	379354.0	0.987482	N
2	IC 200-198744/5	0.20044	0.193559	10.0	373013.0	0.965672	Y
3	IC 200-198744/6	0.500453	0.47694	10.0	361031.0	0.953017	Y
4	IC 200-198744/7	4.992563	4.501221	10.0	368600.0	0.901585	Y
5	ICIS 200-198744/8	9.99806	9.911049	10.0	383807.0	0.991297	Y
6	IC 200-198744/10	15.003557	14.389309	10.0	421105.0	0.95906	Y
7	IC 200-198744/12	19.99612	18.738554	10.0	457784.0	0.937109	Y
8	IC 200-198744/13	39.99224	38.745296	10.0	468469.0	0.96882	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

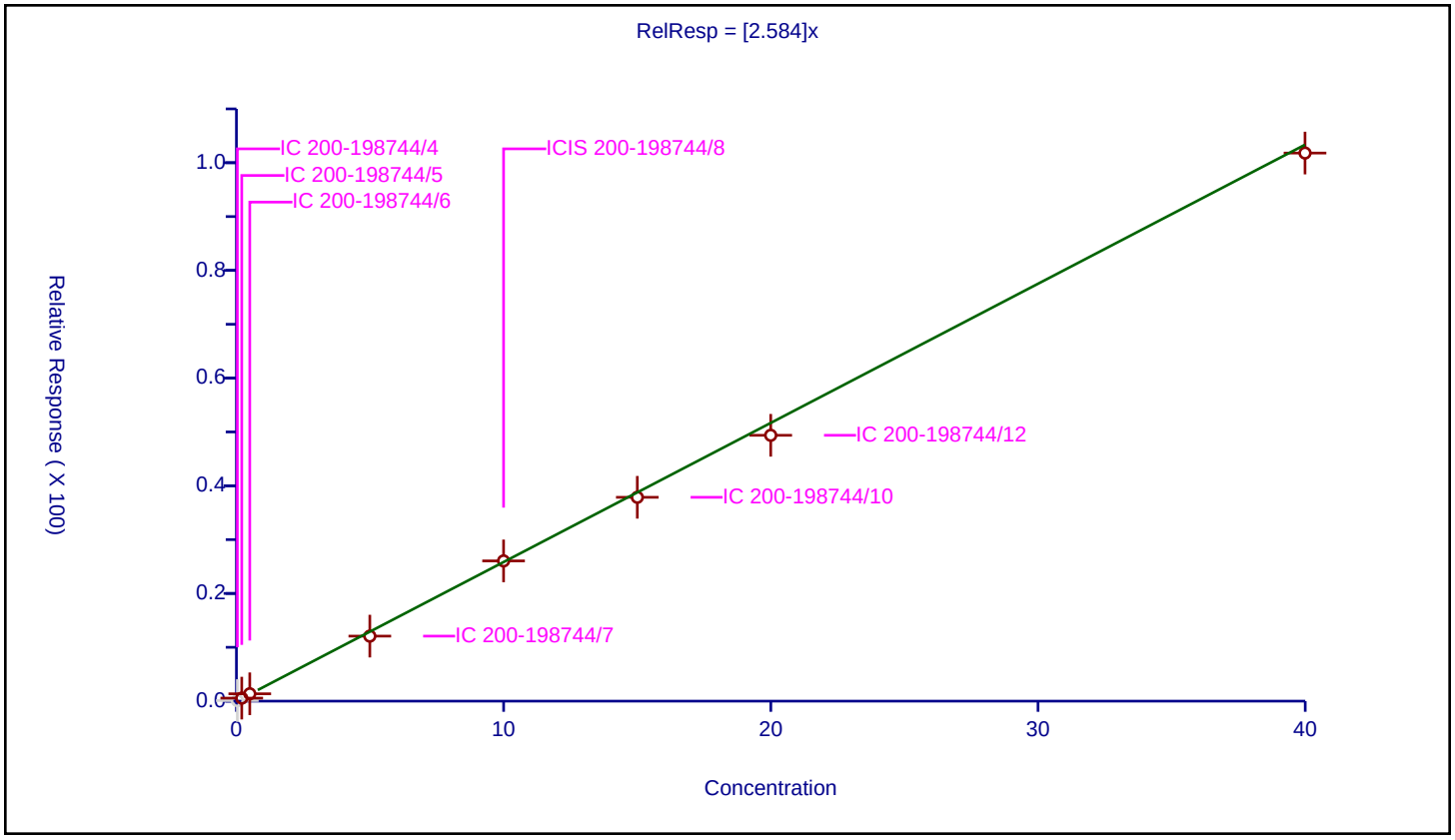
Curve Coefficients

Intercept:	0
Slope:	2.584

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.106576	10.0	379354.0	3.038347	N
2	IC 200-198744/5	0.20044	0.559069	10.0	373013.0	2.789213	Y
3	IC 200-198744/6	0.500453	1.369661	10.0	361031.0	2.736844	Y
4	IC 200-198744/7	4.992563	12.078486	10.0	368600.0	2.419296	Y
5	ICIS 200-198744/8	9.99806	26.045148	10.0	383807.0	2.60502	Y
6	IC 200-198744/10	15.003557	37.860914	10.0	421105.0	2.523463	Y
7	IC 200-198744/12	19.99612	49.374334	10.0	457784.0	2.469196	Y
8	IC 200-198744/13	39.99224	101.798988	10.0	468469.0	2.545469	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

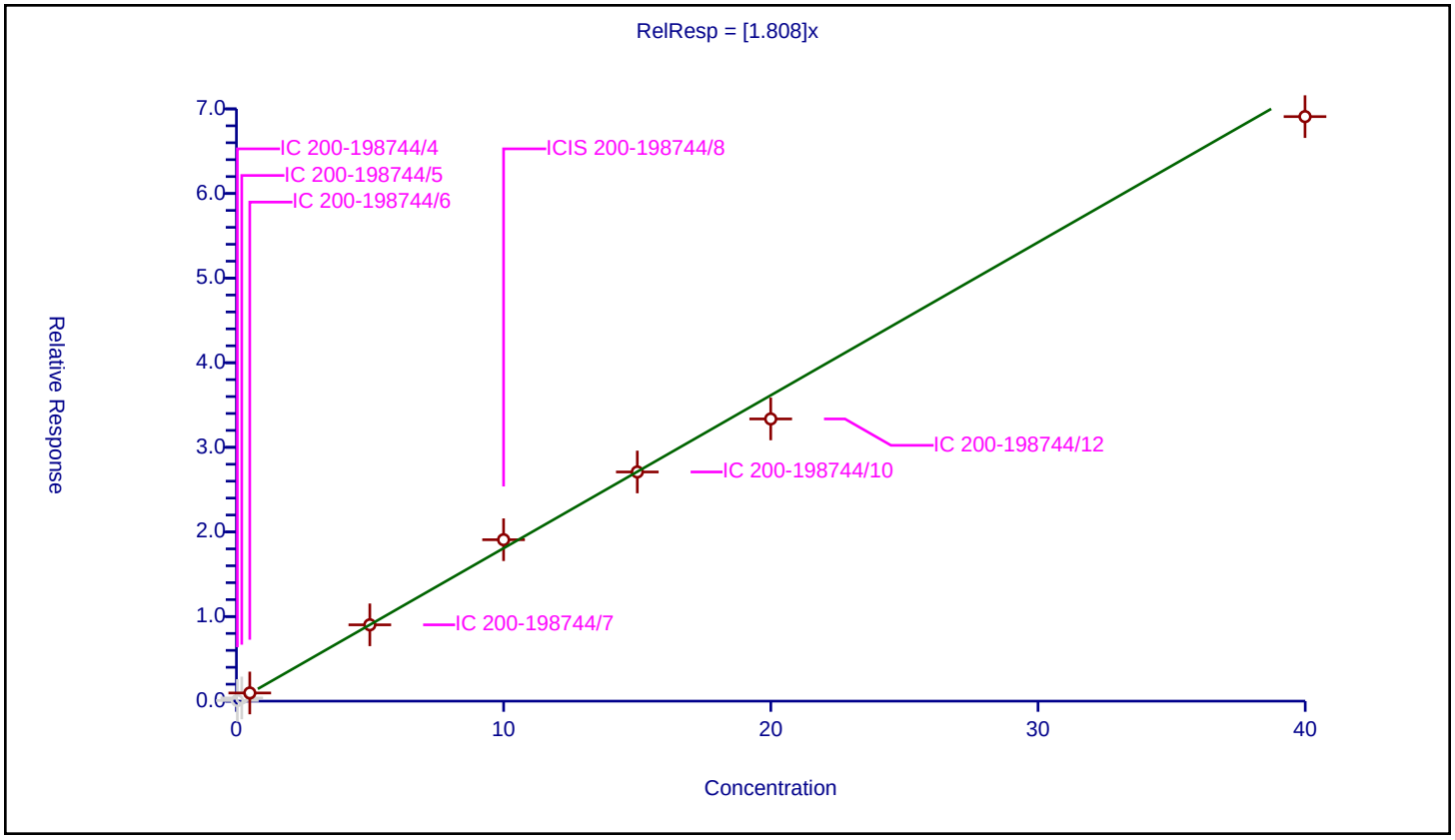
Curve Coefficients

Intercept:	0
Slope:	1.808

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.074126	10.0	379354.0	2.113241	N
2	IC 200-198744/5	0.20044	0.374974	10.0	373013.0	1.870755	N
3	IC 200-198744/6	0.500453	0.96579	10.0	361031.0	1.929832	Y
4	IC 200-198744/7	4.992563	9.018964	10.0	368600.0	1.80648	Y
5	ICIS 200-198744/8	9.99806	19.077062	10.0	383807.0	1.908076	Y
6	IC 200-198744/10	15.003557	27.087187	10.0	421105.0	1.805384	Y
7	IC 200-198744/12	19.99612	33.353634	10.0	457784.0	1.668005	Y
8	IC 200-198744/13	39.99224	69.087026	10.0	468469.0	1.727511	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

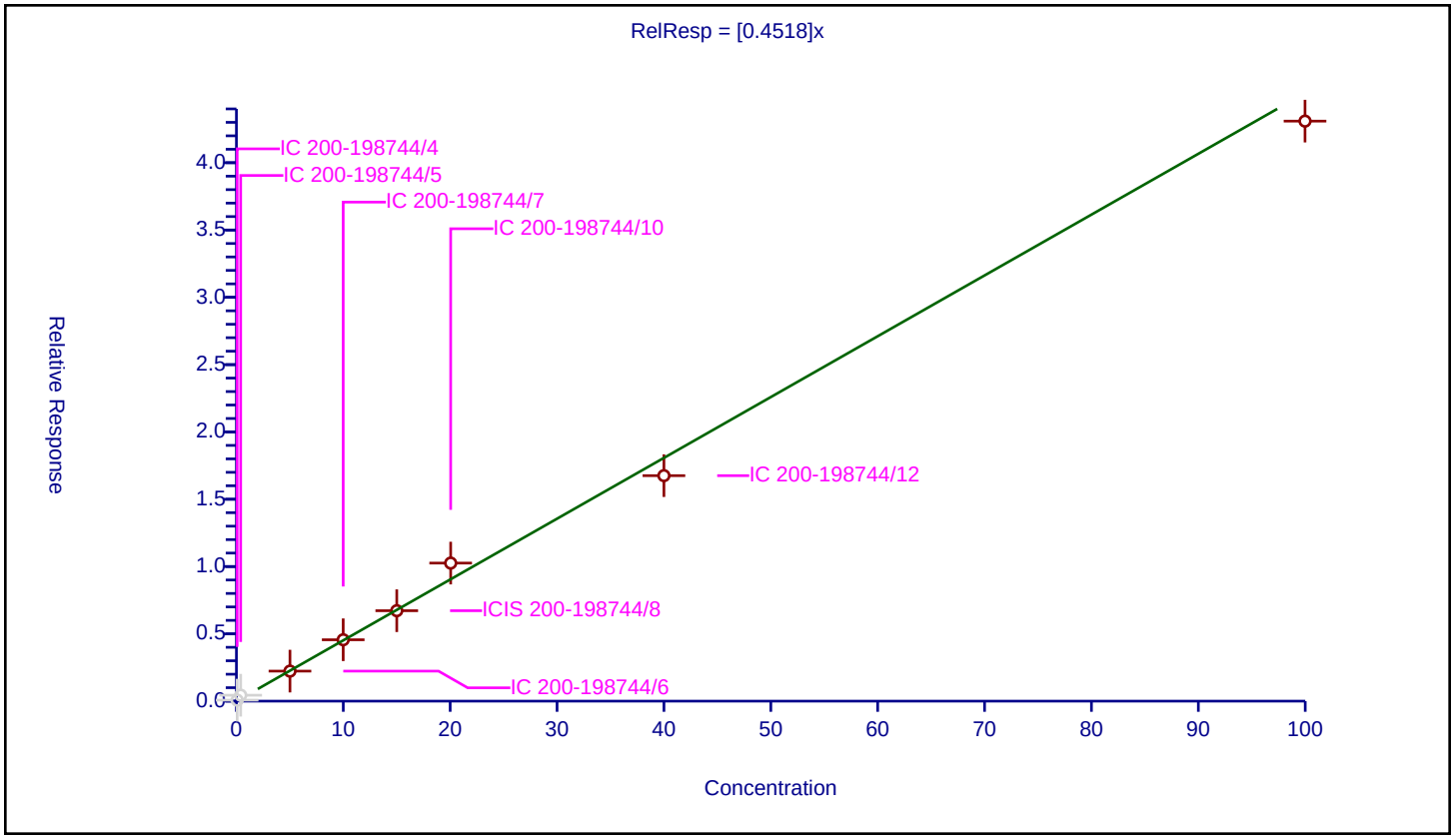
Curve Coefficients

Intercept:	0
Slope:	0.4518

Error Coefficients

Standard Error:	995000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.070165	0.073678	10.0	379354.0	1.050063	N
2	IC 200-198744/5	0.400944	0.441084	10.0	373013.0	1.100113	N
3	IC 200-198744/6	5.010638	2.23075	10.0	361031.0	0.445203	Y
4	IC 200-198744/7	9.991593	4.560662	10.0	368600.0	0.45645	Y
5	ICIS 200-198744/8	15.003557	6.719002	10.0	383807.0	0.447827	Y
6	IC 200-198744/10	20.047856	10.256801	10.0	421105.0	0.511616	Y
7	IC 200-198744/12	39.998707	16.752661	10.0	457784.0	0.41883	Y
8	IC 200-198744/13	99.980599	43.090984	10.0	468469.0	0.430993	Y



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

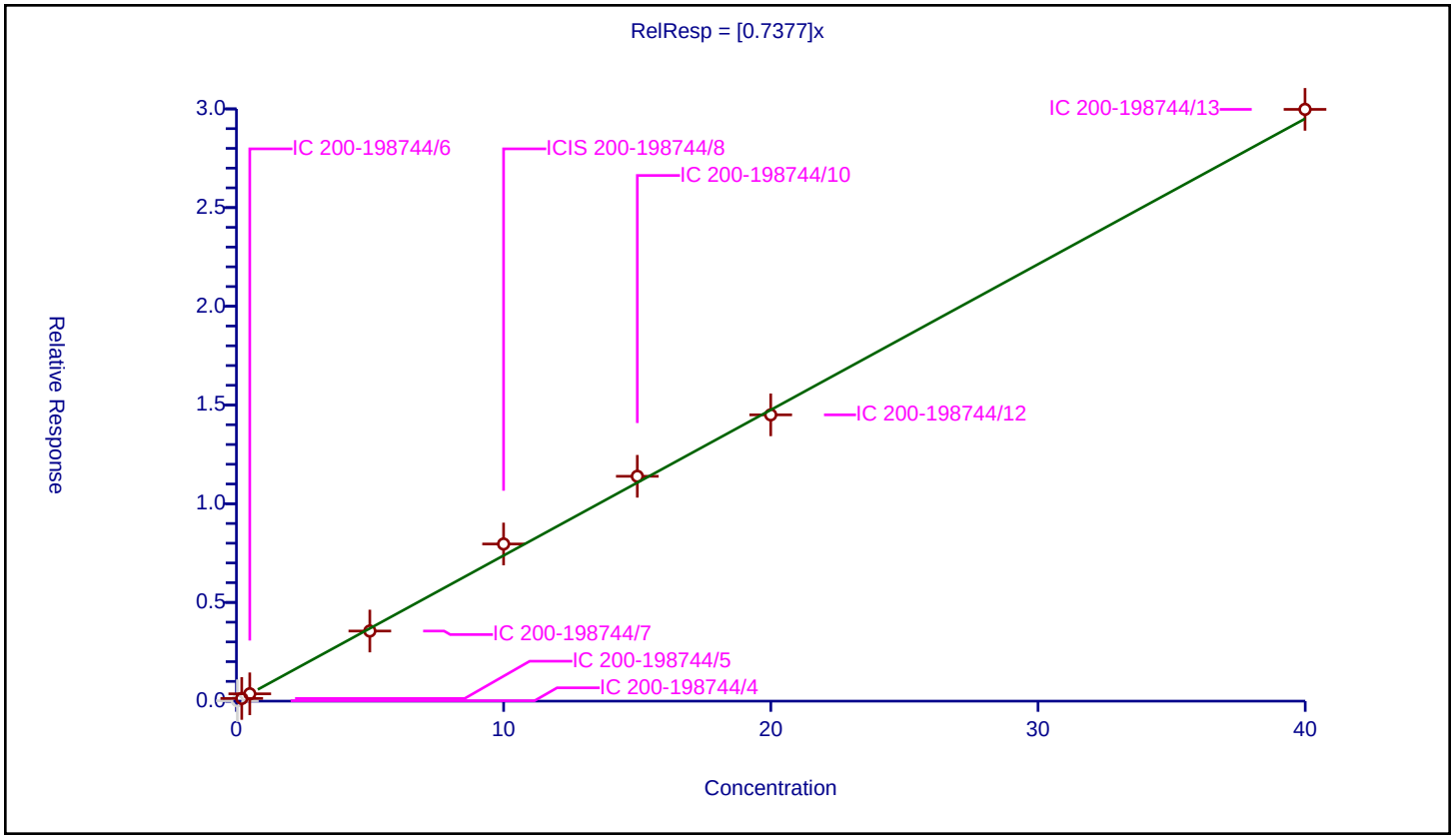
Curve Coefficients

Intercept:	0
Slope:	0.7377

Error Coefficients

Standard Error:	677000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.021168	10.0	379354.0	0.603461	N
2	IC 200-198744/5	0.20044	0.136054	10.0	373013.0	0.678779	Y
3	IC 200-198744/6	0.500453	0.372073	10.0	361031.0	0.743474	Y
4	IC 200-198744/7	4.992563	3.551275	10.0	368600.0	0.711313	Y
5	ICIS 200-198744/8	9.99806	7.960407	10.0	383807.0	0.796195	Y
6	IC 200-198744/10	15.003557	11.389582	10.0	421105.0	0.759125	Y
7	IC 200-198744/12	19.99612	14.50256	10.0	457784.0	0.725269	Y
8	IC 200-198744/13	39.99224	29.975858	10.0	468469.0	0.749542	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

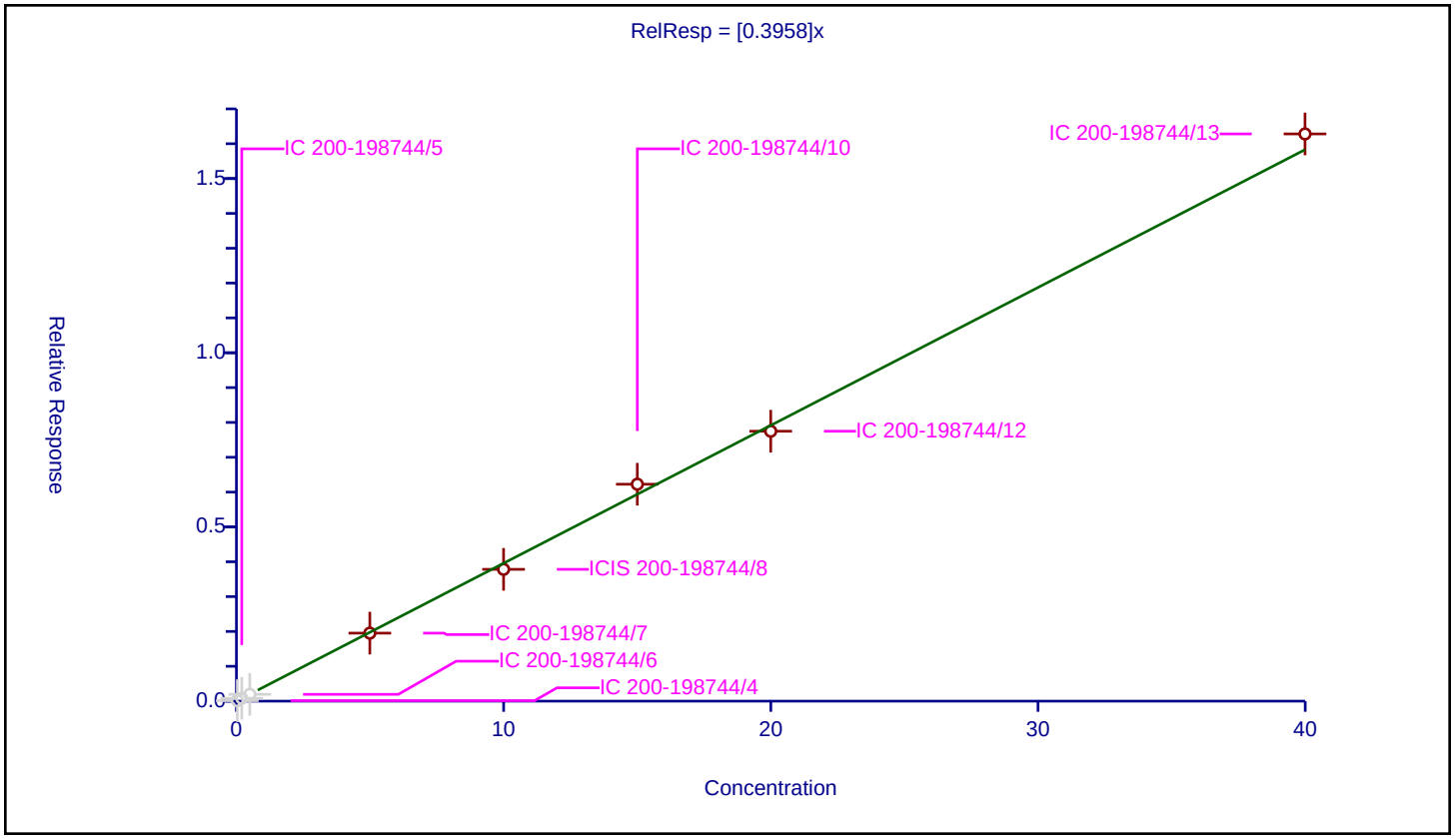
Curve Coefficients

Intercept:	0
Slope:	0.3958

Error Coefficients

Standard Error:	448000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.013233	10.0	379354.0	0.377257	N
2	IC 200-198744/5	0.20044	0.081177	10.0	373013.0	0.404994	N
3	IC 200-198744/6	0.500453	0.195606	10.0	361031.0	0.390859	N
4	IC 200-198744/7	4.992563	1.95217	10.0	368600.0	0.391016	Y
5	ICIS 200-198744/8	9.99806	3.783438	10.0	383807.0	0.378417	Y
6	IC 200-198744/10	15.003557	6.226523	10.0	421105.0	0.415003	Y
7	IC 200-198744/12	19.99612	7.748086	10.0	457784.0	0.387479	Y
8	IC 200-198744/13	39.99224	16.281547	10.0	468469.0	0.407118	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

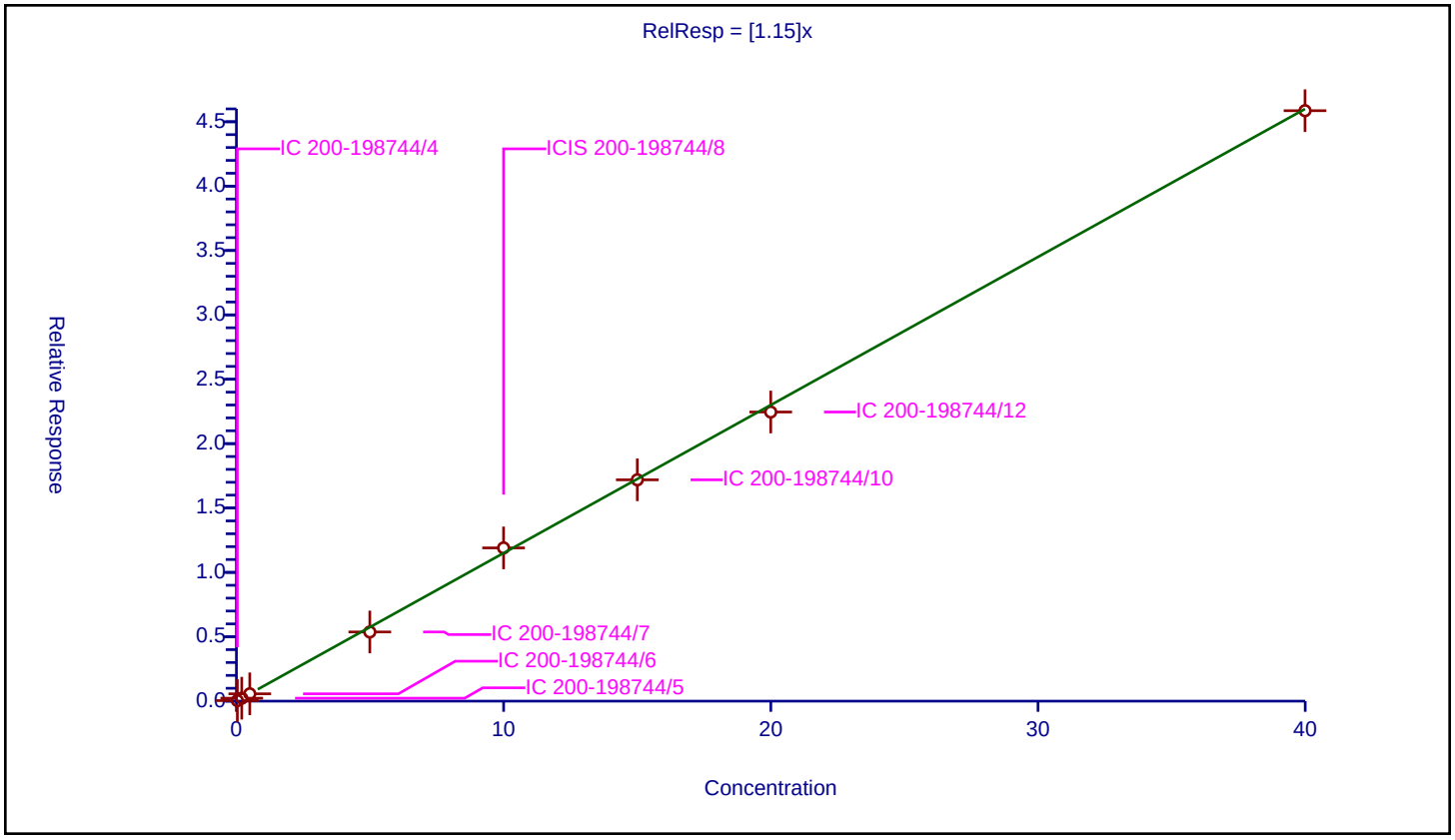
Curve Coefficients

Intercept:	0
Slope:	1.15

Error Coefficients

Standard Error:	959000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.04331	10.0	379354.0	1.234728	Y
2	IC 200-198744/5	0.20044	0.22959	10.0	373013.0	1.145431	Y
3	IC 200-198744/6	0.500453	0.569619	10.0	361031.0	1.138207	Y
4	IC 200-198744/7	4.992563	5.37344	10.0	368600.0	1.076289	Y
5	ICIS 200-198744/8	9.99806	11.901112	10.0	383807.0	1.190342	Y
6	IC 200-198744/10	15.003557	17.190392	10.0	421105.0	1.145754	Y
7	IC 200-198744/12	19.99612	22.457098	10.0	457784.0	1.123073	Y
8	IC 200-198744/13	39.99224	45.859086	10.0	468469.0	1.1467	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

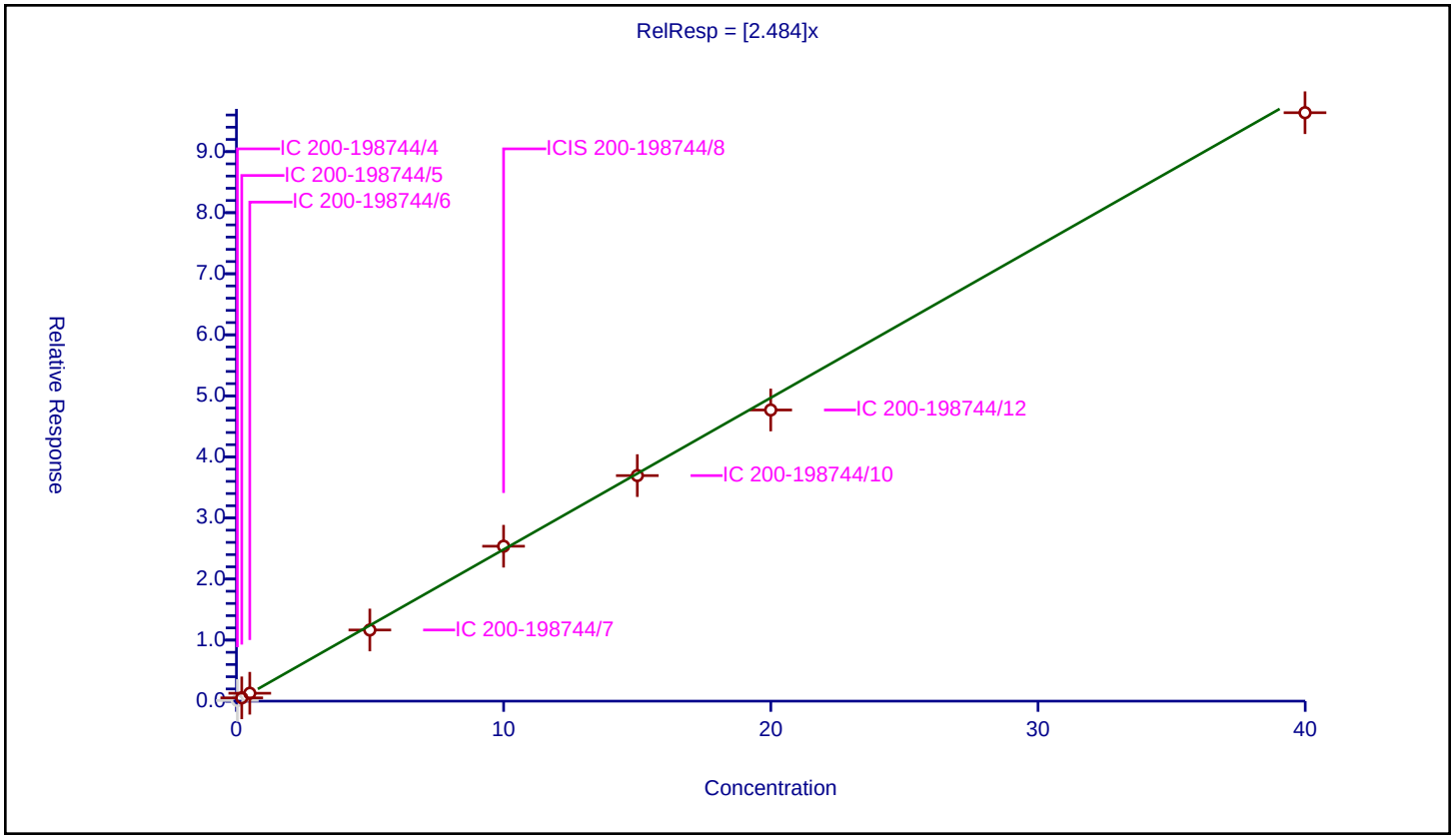
Curve Coefficients

Intercept:	0
Slope:	2.484

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.104889	10.0	379354.0	2.99025	N
2	IC 200-198744/5	0.20044	0.537166	10.0	373013.0	2.67994	Y
3	IC 200-198744/6	0.500453	1.292022	10.0	361031.0	2.581707	Y
4	IC 200-198744/7	4.992563	11.652659	10.0	368600.0	2.334003	Y
5	ICIS 200-198744/8	9.99806	25.373977	10.0	383807.0	2.53789	Y
6	IC 200-198744/10	15.003557	36.941095	10.0	421105.0	2.462156	Y
7	IC 200-198744/12	19.99612	47.685699	10.0	457784.0	2.384748	Y
8	IC 200-198744/13	39.99224	96.374552	10.0	468469.0	2.409831	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

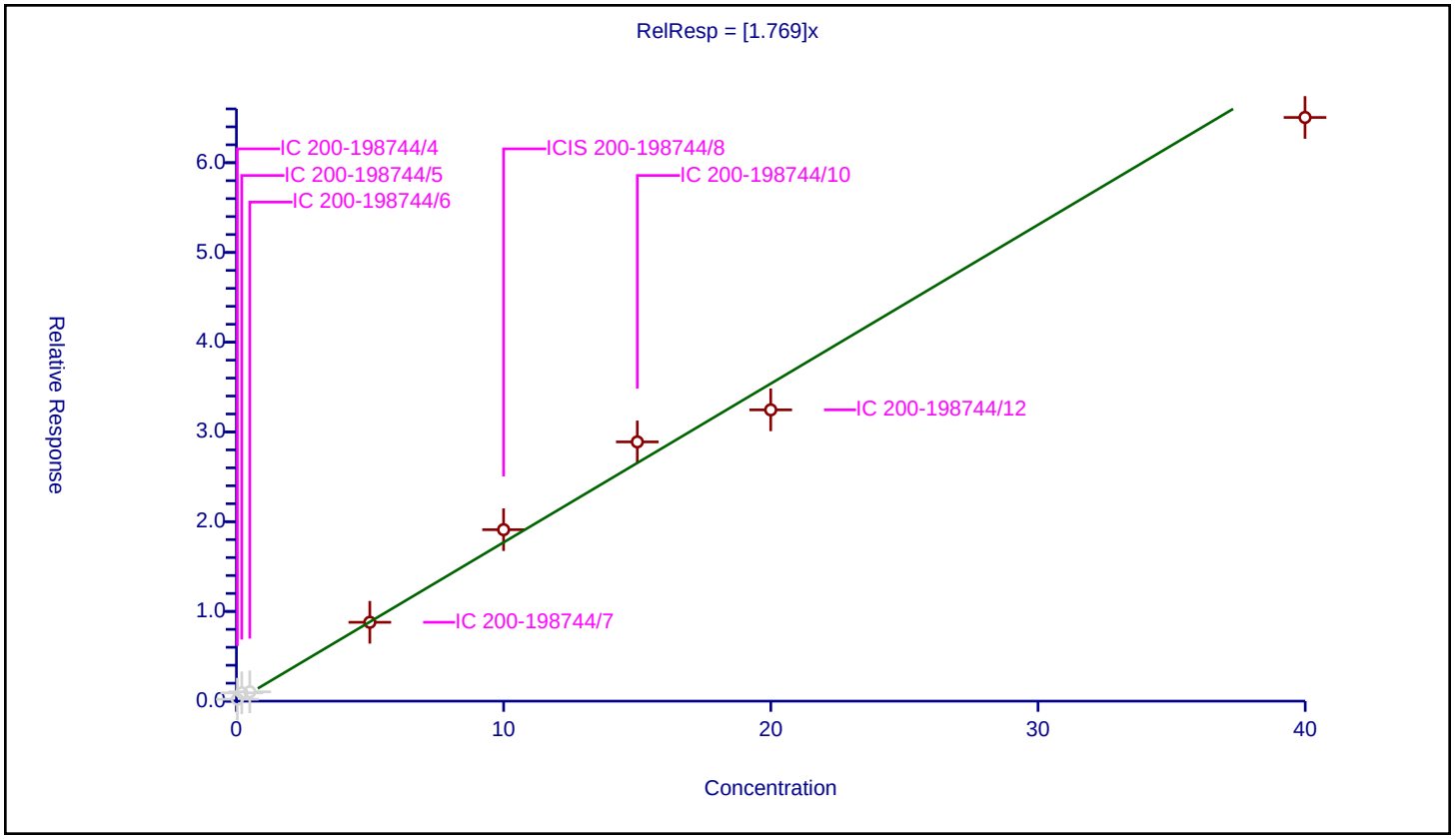
Curve Coefficients

Intercept:	0
Slope:	1.769

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.212203	10.0	379354.0	6.049639	N
2	IC 200-198744/5	0.20044	0.925651	10.0	373013.0	4.618105	N
3	IC 200-198744/6	0.500453	1.037169	10.0	361031.0	2.072461	N
4	IC 200-198744/7	4.992563	8.787547	10.0	368600.0	1.760128	Y
5	ICIS 200-198744/8	9.99806	19.10666	10.0	383807.0	1.911037	Y
6	IC 200-198744/10	15.003557	28.890942	10.0	421105.0	1.925606	Y
7	IC 200-198744/12	19.99612	32.461445	10.0	457784.0	1.623387	Y
8	IC 200-198744/13	39.99224	65.043834	10.0	468469.0	1.626411	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

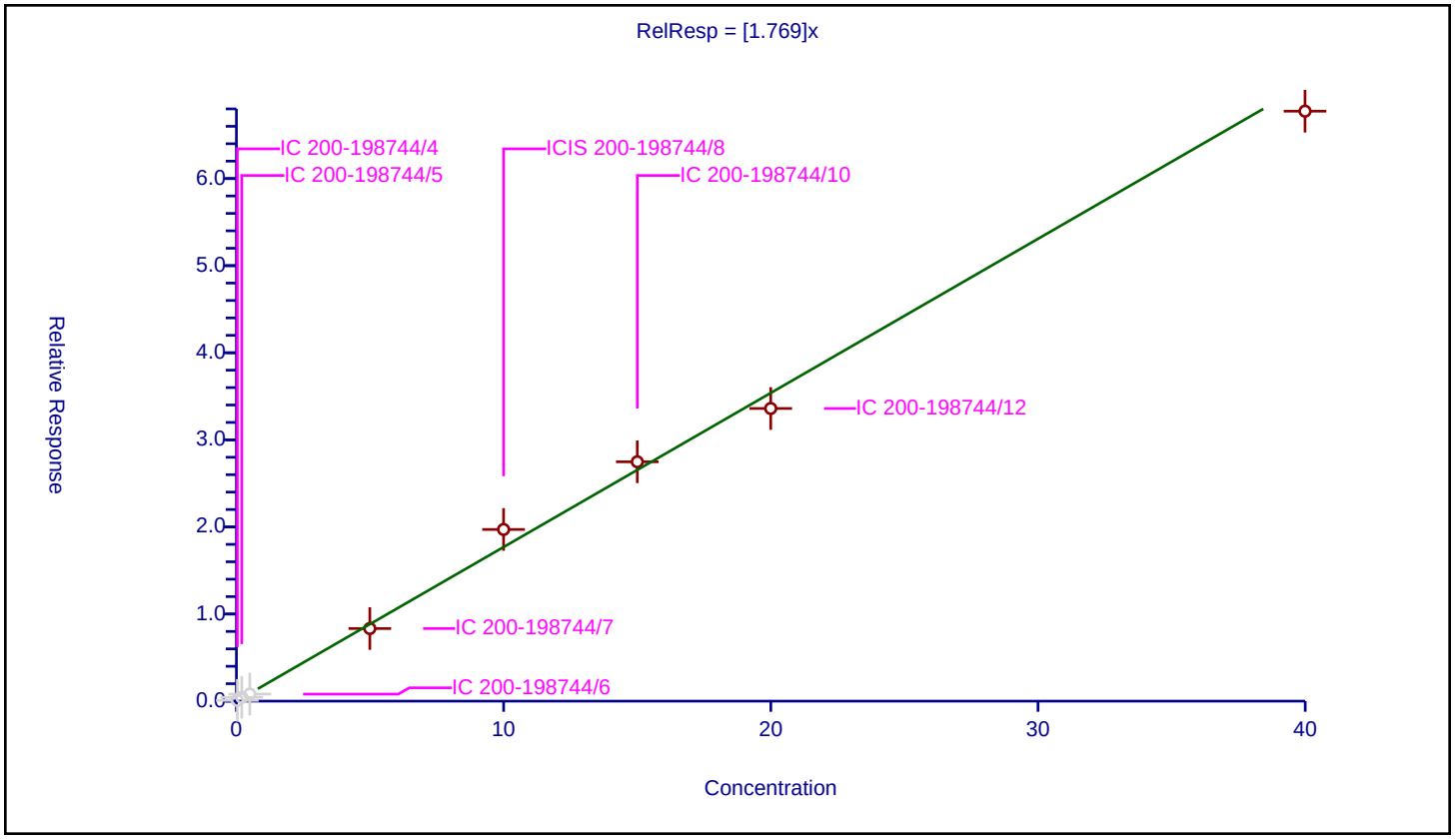
Curve Coefficients

Intercept:	0
Slope:	1.769

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.085118	10.0	379354.0	2.426619	N
2	IC 200-198744/5	0.20044	0.437009	10.0	373013.0	2.180252	N
3	IC 200-198744/6	0.500453	0.809266	10.0	361031.0	1.617068	N
4	IC 200-198744/7	4.992563	8.338009	10.0	368600.0	1.670086	Y
5	ICIS 200-198744/8	9.99806	19.709411	10.0	383807.0	1.971324	Y
6	IC 200-198744/10	15.003557	27.480985	10.0	421105.0	1.831631	Y
7	IC 200-198744/12	19.99612	33.603621	10.0	457784.0	1.680507	Y
8	IC 200-198744/13	39.99224	67.735795	10.0	468469.0	1.693723	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

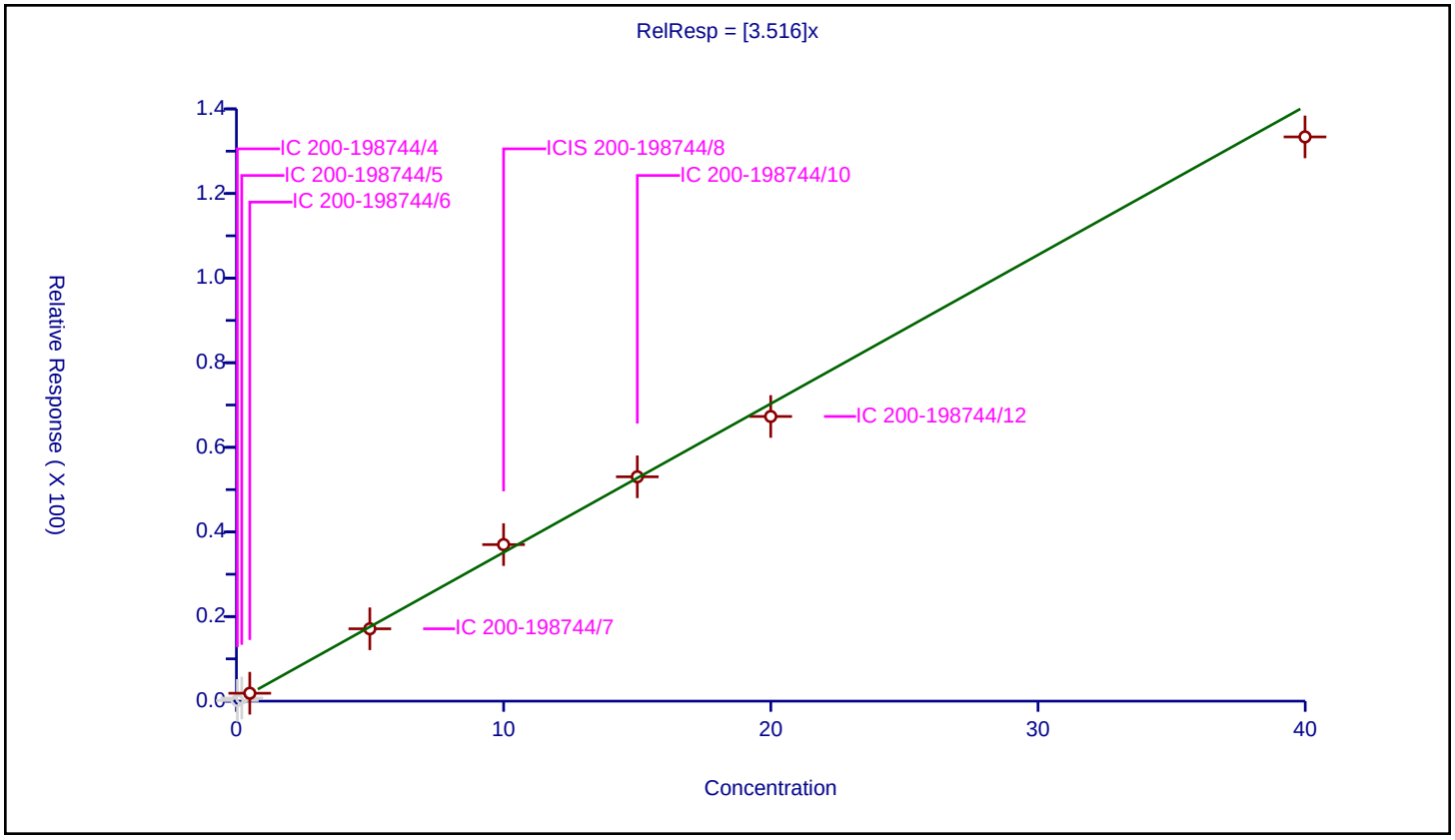
Curve Coefficients

Intercept:	0
Slope:	3.516

Error Coefficients

Standard Error:	3340000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.148885	10.0	379354.0	4.244517	N
2	IC 200-198744/5	0.20044	0.736087	10.0	373013.0	3.672362	N
3	IC 200-198744/6	0.500453	1.868842	10.0	361031.0	3.734304	Y
4	IC 200-198744/7	4.992563	17.101953	10.0	368600.0	3.425486	Y
5	ICIS 200-198744/8	9.99806	37.002999	10.0	383807.0	3.701018	Y
6	IC 200-198744/10	15.003557	53.03169	10.0	421105.0	3.534608	Y
7	IC 200-198744/12	19.99612	67.294576	10.0	457784.0	3.365382	Y
8	IC 200-198744/13	39.99224	133.3735	10.0	468469.0	3.334985	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

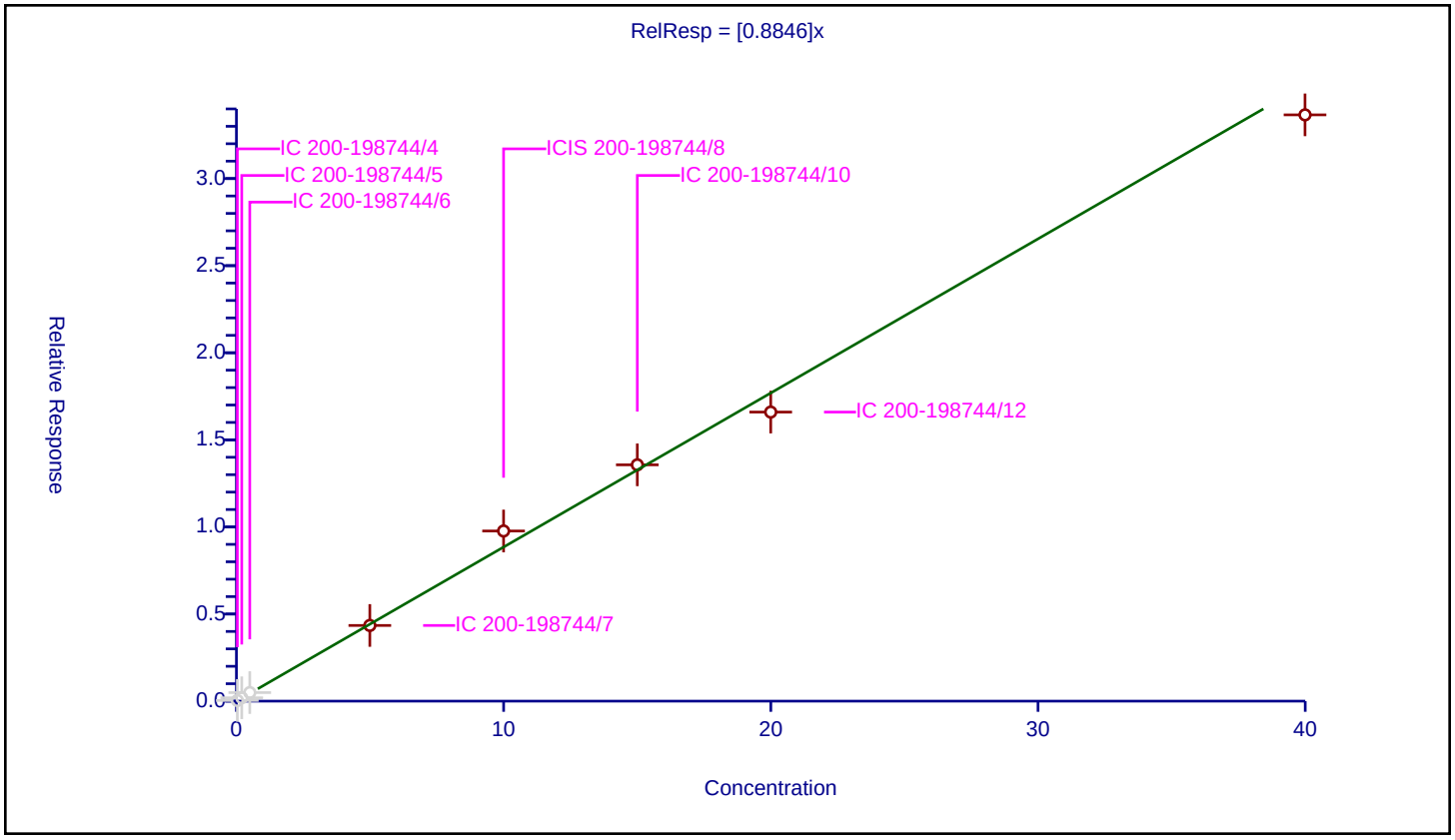
Curve Coefficients

Intercept:	0
Slope:	0.8846

Error Coefficients

Standard Error:	943000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.038038	10.0	379354.0	1.084426	N
2	IC 200-198744/5	0.20044	0.193371	10.0	373013.0	0.964736	N
3	IC 200-198744/6	0.500453	0.491149	10.0	361031.0	0.98141	N
4	IC 200-198744/7	4.992563	4.345225	10.0	368600.0	0.87034	Y
5	ICIS 200-198744/8	9.99806	9.768529	10.0	383807.0	0.977043	Y
6	IC 200-198744/10	15.003557	13.566165	10.0	421105.0	0.904197	Y
7	IC 200-198744/12	19.99612	16.595206	10.0	457784.0	0.829921	Y
8	IC 200-198744/13	39.99224	33.658236	10.0	468469.0	0.841619	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

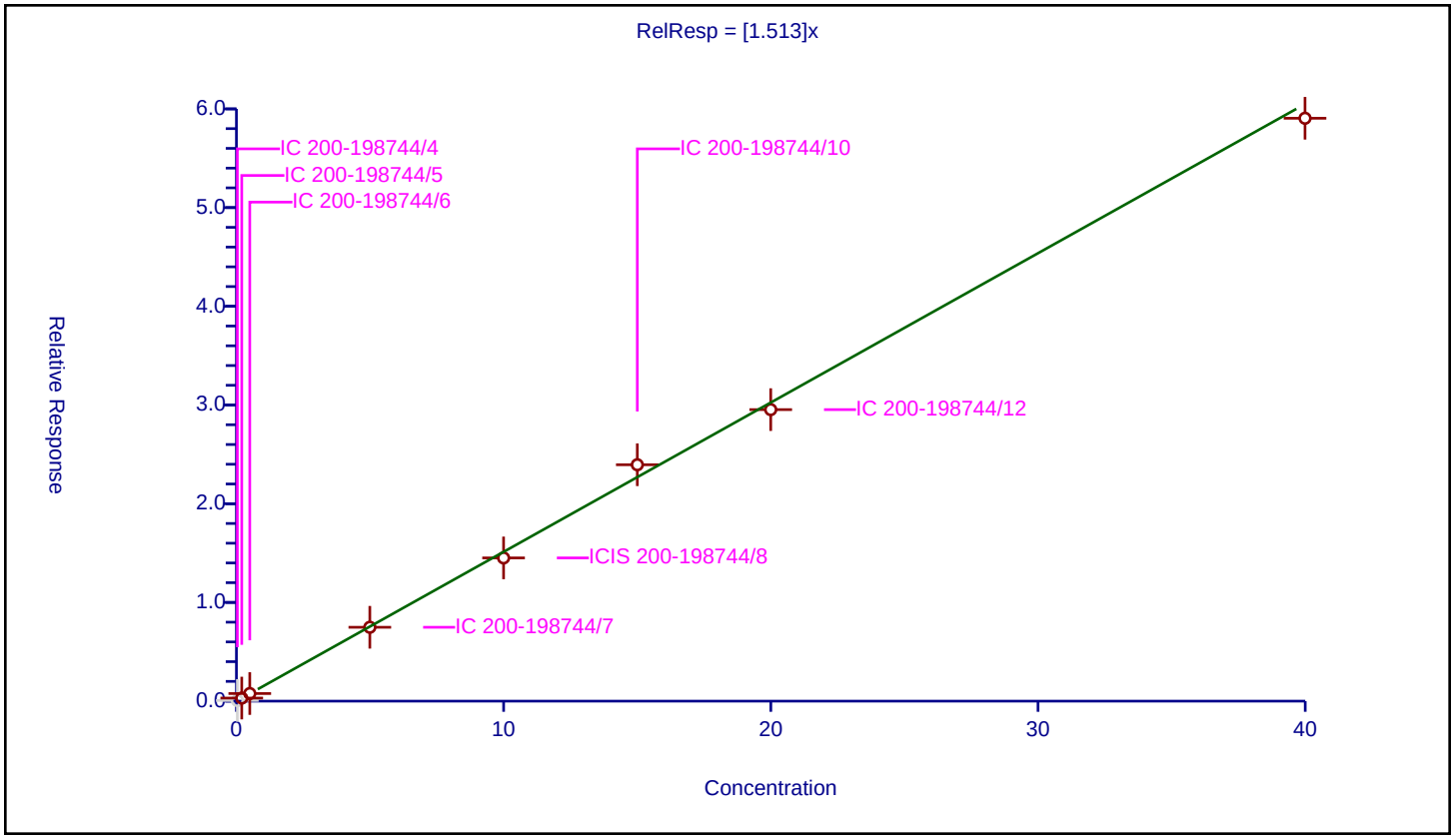
Curve Coefficients

Intercept:	0
Slope:	1.513

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.067114	10.0	379354.0	1.913339	N
2	IC 200-198744/5	0.20044	0.310525	10.0	373013.0	1.549221	Y
3	IC 200-198744/6	0.500453	0.770239	10.0	361031.0	1.539084	Y
4	IC 200-198744/7	4.992563	7.483722	10.0	368600.0	1.498974	Y
5	ICIS 200-198744/8	9.99806	14.509115	10.0	383807.0	1.451193	Y
6	IC 200-198744/10	15.003557	23.947804	10.0	421105.0	1.596142	Y
7	IC 200-198744/12	19.99612	29.533273	10.0	457784.0	1.47695	Y
8	IC 200-198744/13	39.99224	59.05125	10.0	468469.0	1.476568	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

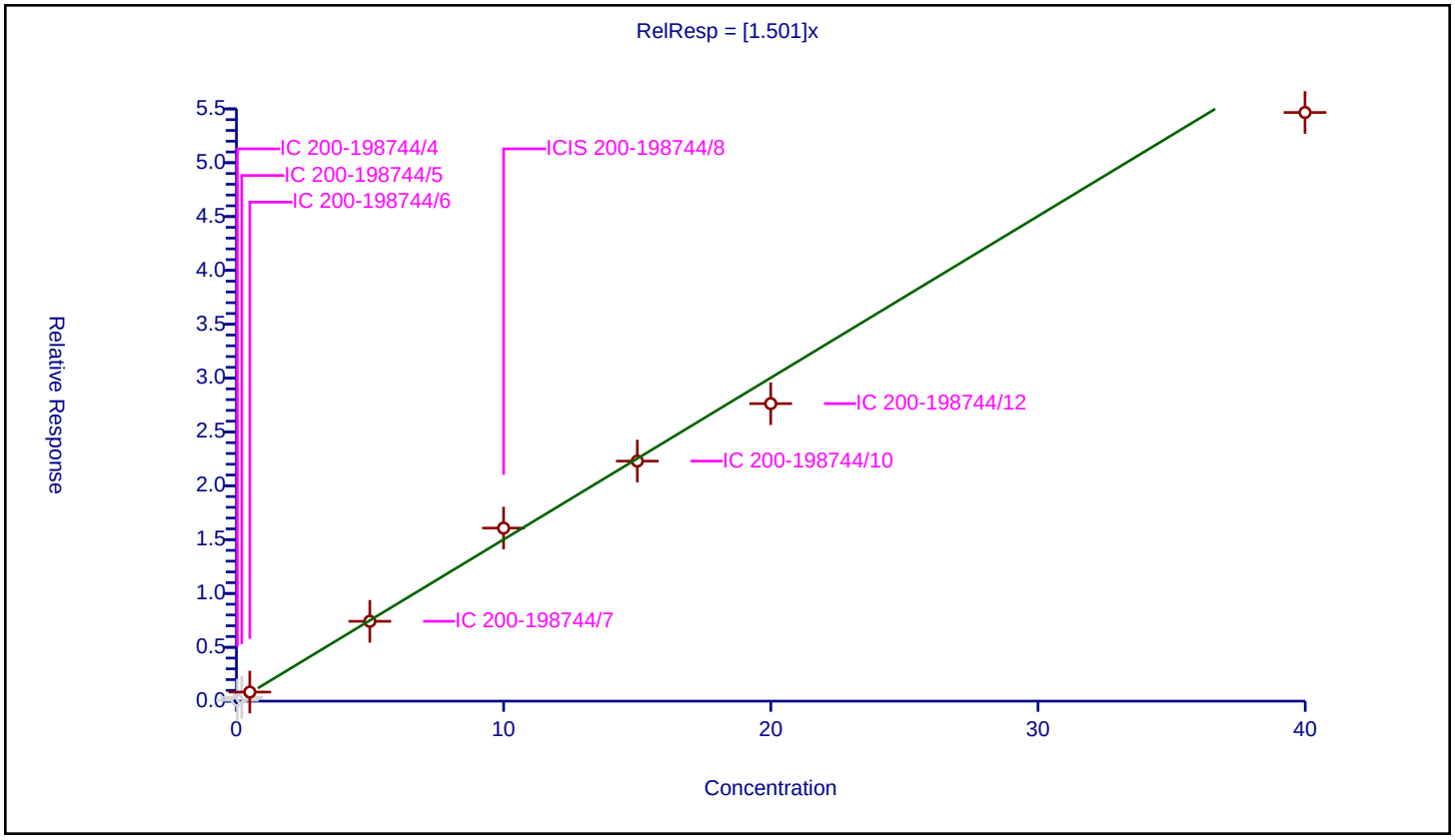
Curve Coefficients

Intercept:	0
Slope:	1.501

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.083985	10.0	379354.0	2.394305	N
2	IC 200-198744/5	0.20044	0.346771	10.0	373013.0	1.730051	N
3	IC 200-198744/6	0.500453	0.841701	10.0	361031.0	1.681879	Y
4	IC 200-198744/7	4.992563	7.413863	10.0	368600.0	1.484981	Y
5	ICIS 200-198744/8	9.99806	16.070343	10.0	383807.0	1.607346	Y
6	IC 200-198744/10	15.003557	22.292279	10.0	421105.0	1.4858	Y
7	IC 200-198744/12	19.99612	27.62969	10.0	457784.0	1.381753	Y
8	IC 200-198744/13	39.99224	54.665005	10.0	468469.0	1.36689	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

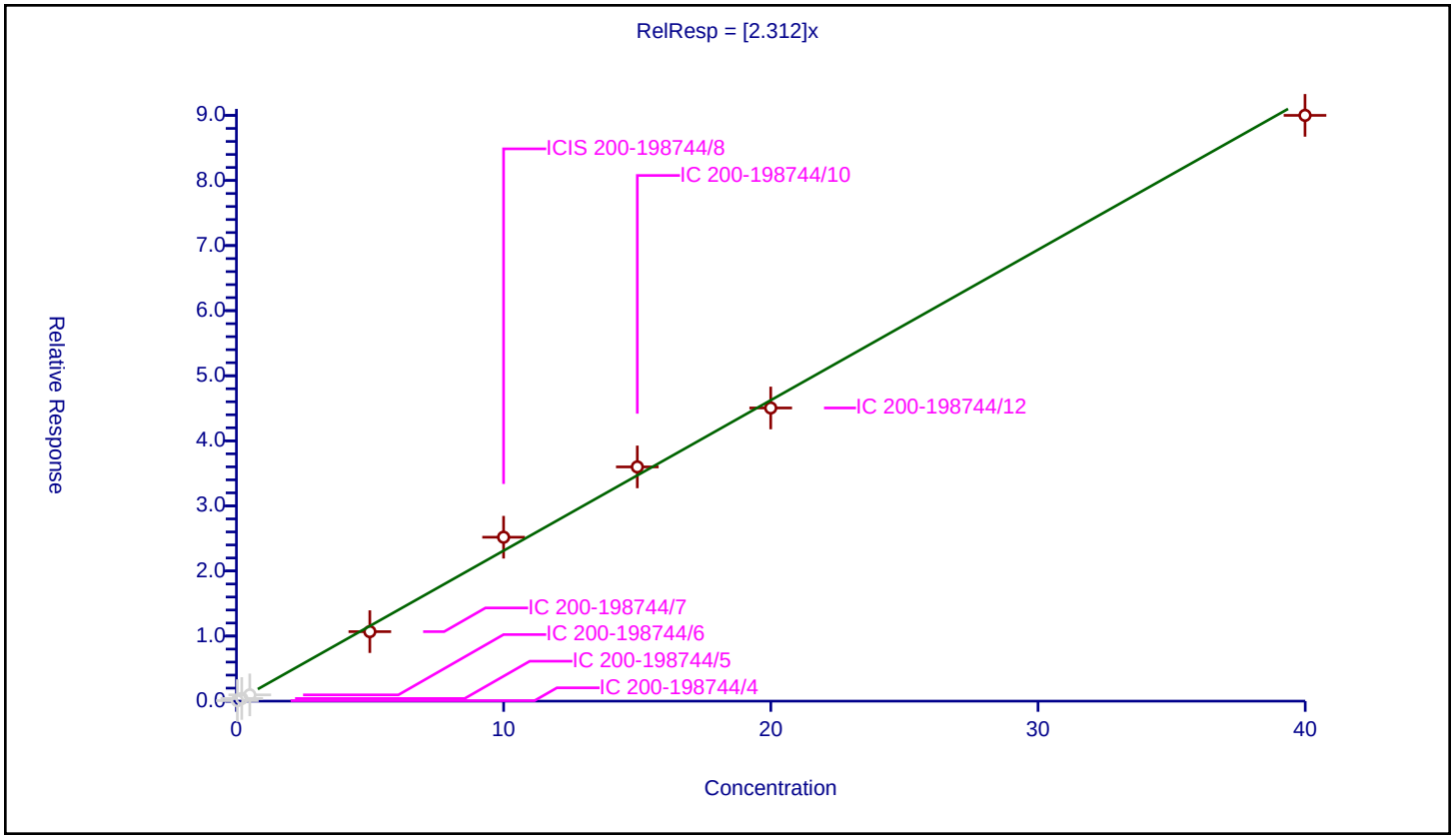
Curve Coefficients

Intercept:	0
Slope:	2.312

Error Coefficients

Standard Error:	2520000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.076604	10.0	379354.0	2.183882	N
2	IC 200-198744/5	0.20044	0.406983	10.0	373013.0	2.030452	N
3	IC 200-198744/6	0.500453	0.963435	10.0	361031.0	1.925128	N
4	IC 200-198744/7	4.992563	10.680033	10.0	368600.0	2.139188	Y
5	ICIS 200-198744/8	9.99806	25.18581	10.0	383807.0	2.51907	Y
6	IC 200-198744/10	15.003557	35.990169	10.0	421105.0	2.398776	Y
7	IC 200-198744/12	19.99612	45.045327	10.0	457784.0	2.252703	Y
8	IC 200-198744/13	39.99224	90.006553	10.0	468469.0	2.2506	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

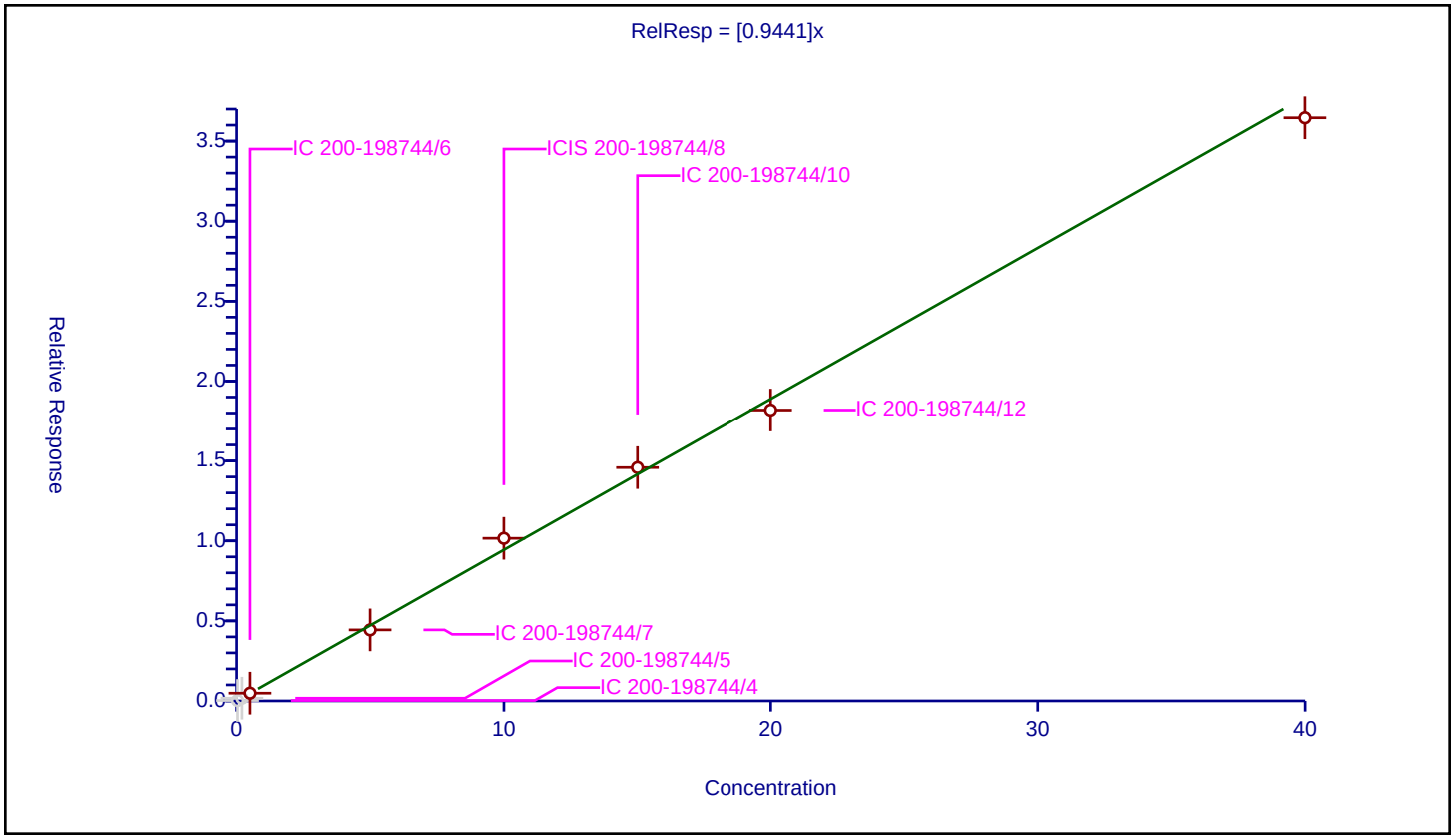
Curve Coefficients

Intercept:	0
Slope:	0.9441

Error Coefficients

Standard Error:	913000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.025965	10.0	379354.0	0.740235	N
2	IC 200-198744/5	0.20044	0.170128	10.0	373013.0	0.848775	N
3	IC 200-198744/6	0.500453	0.483809	10.0	361031.0	0.966743	Y
4	IC 200-198744/7	4.992563	4.436082	10.0	368600.0	0.888538	Y
5	ICIS 200-198744/8	9.99806	10.161201	10.0	383807.0	1.016317	Y
6	IC 200-198744/10	15.003557	14.584724	10.0	421105.0	0.972084	Y
7	IC 200-198744/12	19.99612	18.188141	10.0	457784.0	0.909584	Y
8	IC 200-198744/13	39.99224	36.456777	10.0	468469.0	0.911596	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

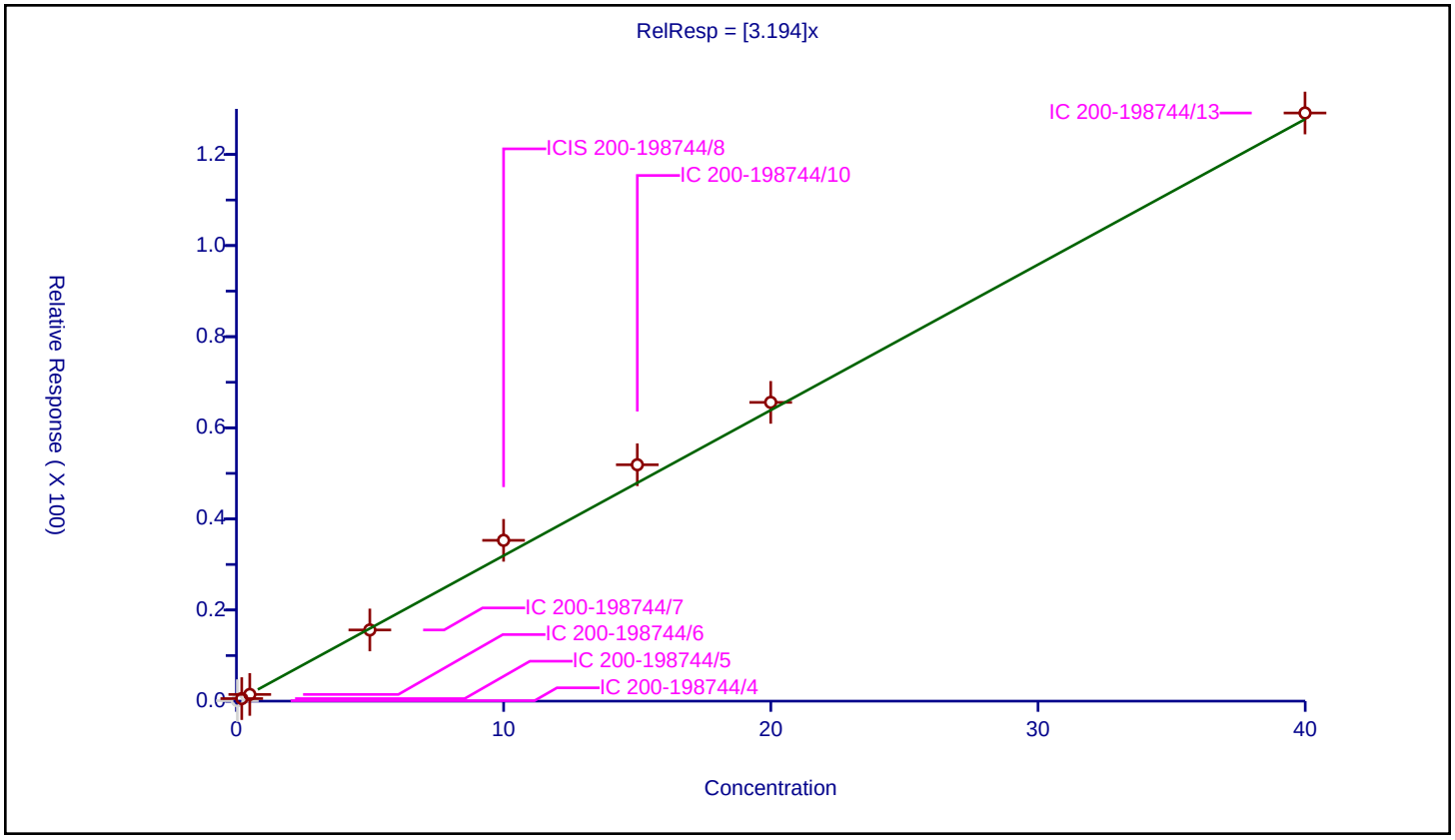
Curve Coefficients

Intercept:	0
Slope:	3.194

Error Coefficients

Standard Error:	2960000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.105047	10.0	379354.0	2.994759	N
2	IC 200-198744/5	0.20044	0.559069	10.0	373013.0	2.789213	Y
3	IC 200-198744/6	0.500453	1.471757	10.0	361031.0	2.940853	Y
4	IC 200-198744/7	4.992563	15.62675	10.0	368600.0	3.130006	Y
5	ICIS 200-198744/8	9.99806	35.298575	10.0	383807.0	3.530542	Y
6	IC 200-198744/10	15.003557	51.888341	10.0	421105.0	3.458403	Y
7	IC 200-198744/12	19.99612	65.582742	10.0	457784.0	3.279773	Y
8	IC 200-198744/13	39.99224	129.098553	10.0	468469.0	3.22809	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

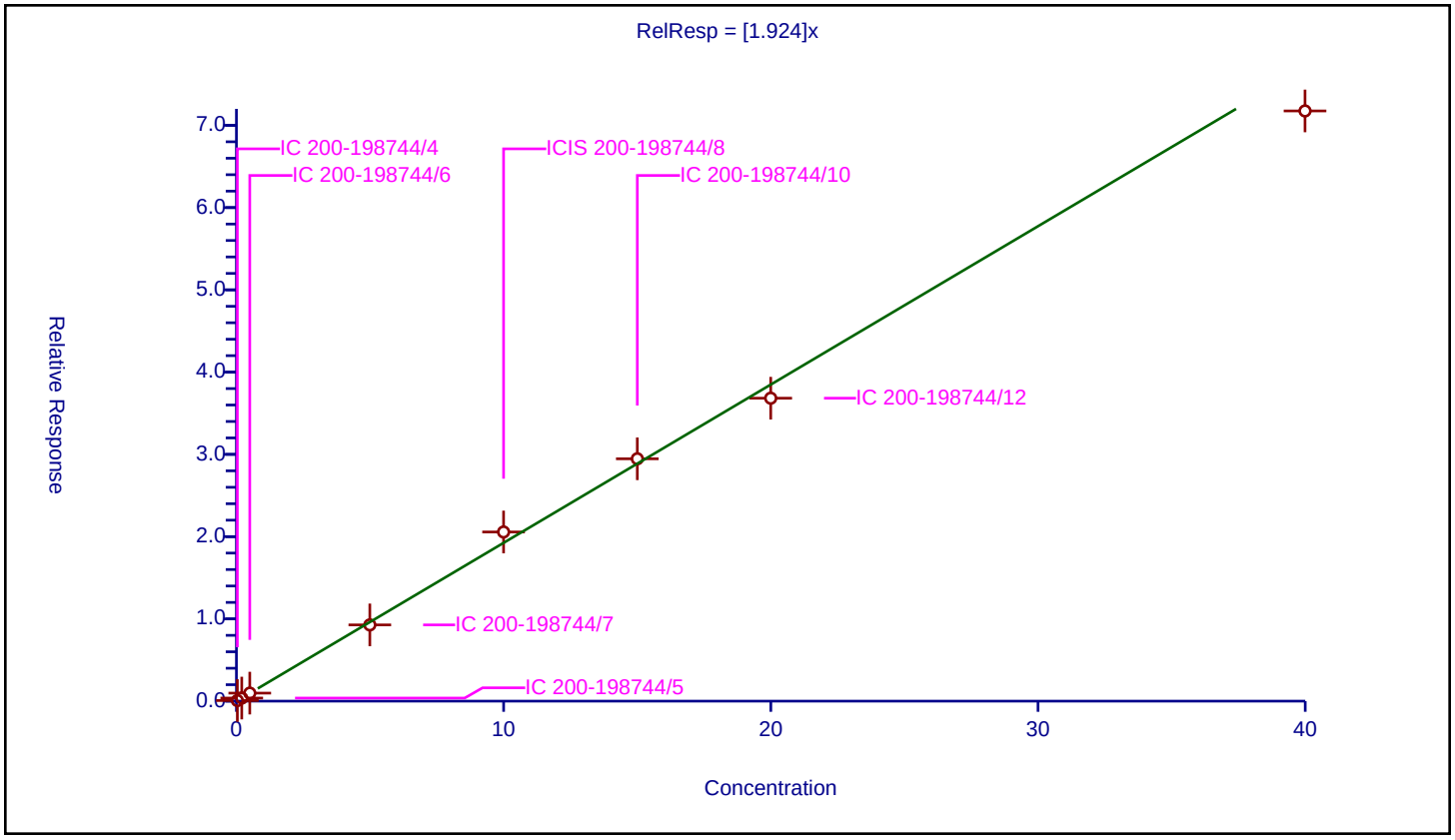
Curve Coefficients

Intercept:	0
Slope:	1.924

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.072755	10.0	379354.0	2.074162	Y
2	IC 200-198744/5	0.20044	0.372695	10.0	373013.0	1.859386	Y
3	IC 200-198744/6	0.500453	0.975456	10.0	361031.0	1.949148	Y
4	IC 200-198744/7	4.992563	9.269045	10.0	368600.0	1.856571	Y
5	ICIS 200-198744/8	9.99806	20.566847	10.0	383807.0	2.057084	Y
6	IC 200-198744/10	15.003557	29.462462	10.0	421105.0	1.963698	Y
7	IC 200-198744/12	19.99612	36.829531	10.0	457784.0	1.841834	Y
8	IC 200-198744/13	39.99224	71.749102	10.0	468469.0	1.794076	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

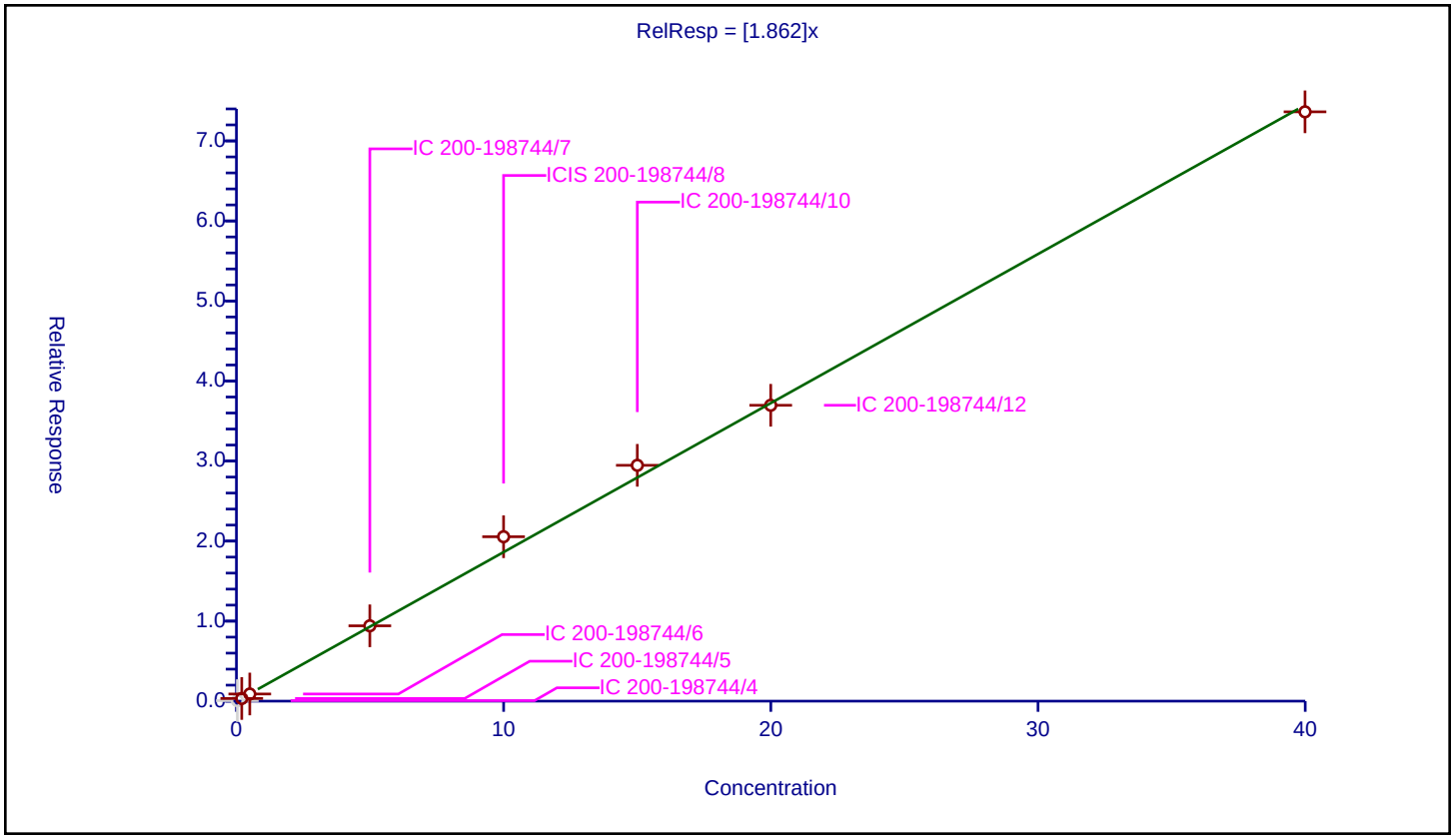
Curve Coefficients

Intercept:	0
Slope:	1.862

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.063529	10.0	379354.0	1.811134	N
2	IC 200-198744/5	0.20044	0.331811	10.0	373013.0	1.655418	Y
3	IC 200-198744/6	0.500453	0.893524	10.0	361031.0	1.785433	Y
4	IC 200-198744/7	4.992563	9.412534	10.0	368600.0	1.885311	Y
5	ICIS 200-198744/8	9.99806	20.5422	10.0	383807.0	2.054619	Y
6	IC 200-198744/10	15.003557	29.467662	10.0	421105.0	1.964045	Y
7	IC 200-198744/12	19.99612	36.965993	10.0	457784.0	1.848658	Y
8	IC 200-198744/13	39.99224	73.632706	10.0	468469.0	1.841175	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

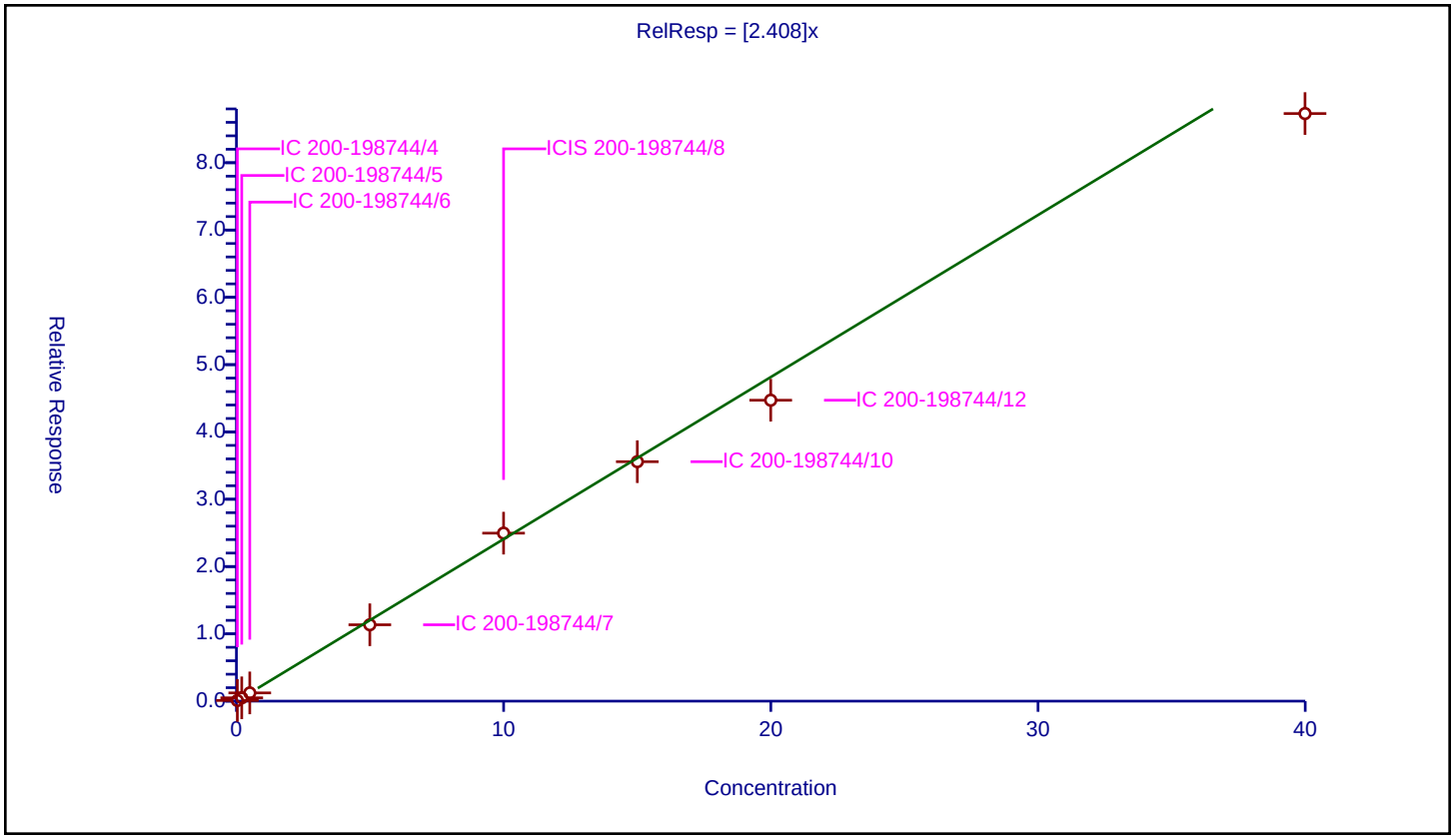
Curve Coefficients

Intercept:	0
Slope:	2.408

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.098378	10.0	379354.0	2.804628	Y
2	IC 200-198744/5	0.20044	0.490841	10.0	373013.0	2.448821	Y
3	IC 200-198744/6	0.500453	1.224881	10.0	361031.0	2.447546	Y
4	IC 200-198744/7	4.992563	11.347911	10.0	368600.0	2.272963	Y
5	ICIS 200-198744/8	9.99806	24.959889	10.0	383807.0	2.496473	Y
6	IC 200-198744/10	15.003557	35.581173	10.0	421105.0	2.371516	Y
7	IC 200-198744/12	19.99612	44.7129	10.0	457784.0	2.236079	Y
8	IC 200-198744/13	39.99224	87.305713	10.0	468469.0	2.183066	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

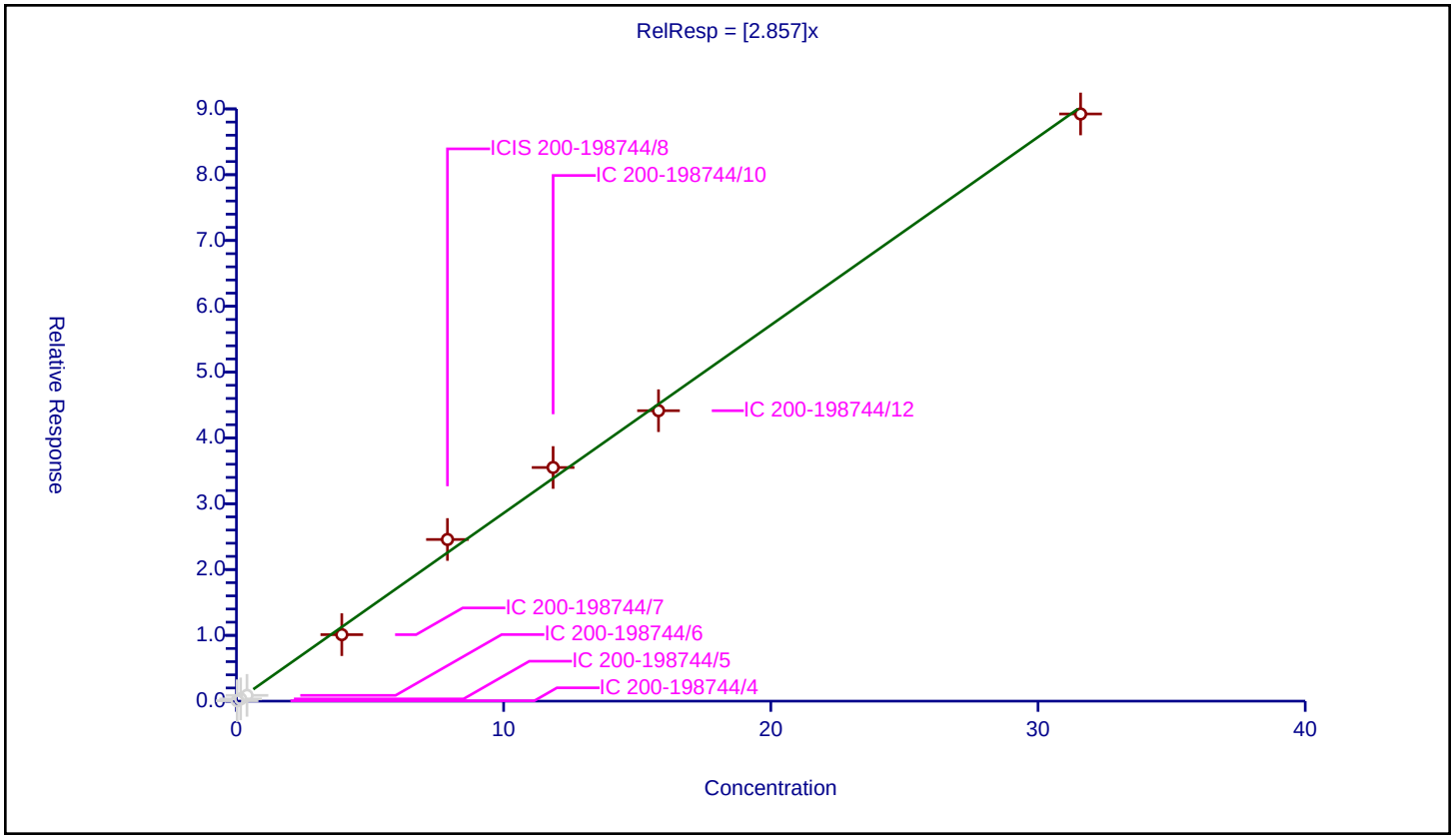
Curve Coefficients

Intercept:	0
Slope:	2.857

Error Coefficients

Standard Error:	2490000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.027711	0.058995	10.0	379354.0	2.128956	N
2	IC 200-198744/5	0.158347	0.340176	10.0	373013.0	2.148289	N
3	IC 200-198744/6	0.395358	0.874274	10.0	361031.0	2.21135	N
4	IC 200-198744/7	3.944125	10.106294	10.0	368600.0	2.562367	Y
5	ICIS 200-198744/8	7.898467	24.567322	10.0	383807.0	3.110391	Y
6	IC 200-198744/10	11.85281	35.505349	10.0	421105.0	2.995522	Y
7	IC 200-198744/12	15.796935	44.140228	10.0	457784.0	2.794227	Y
8	IC 200-198744/13	31.593869	89.229917	10.0	468469.0	2.824279	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

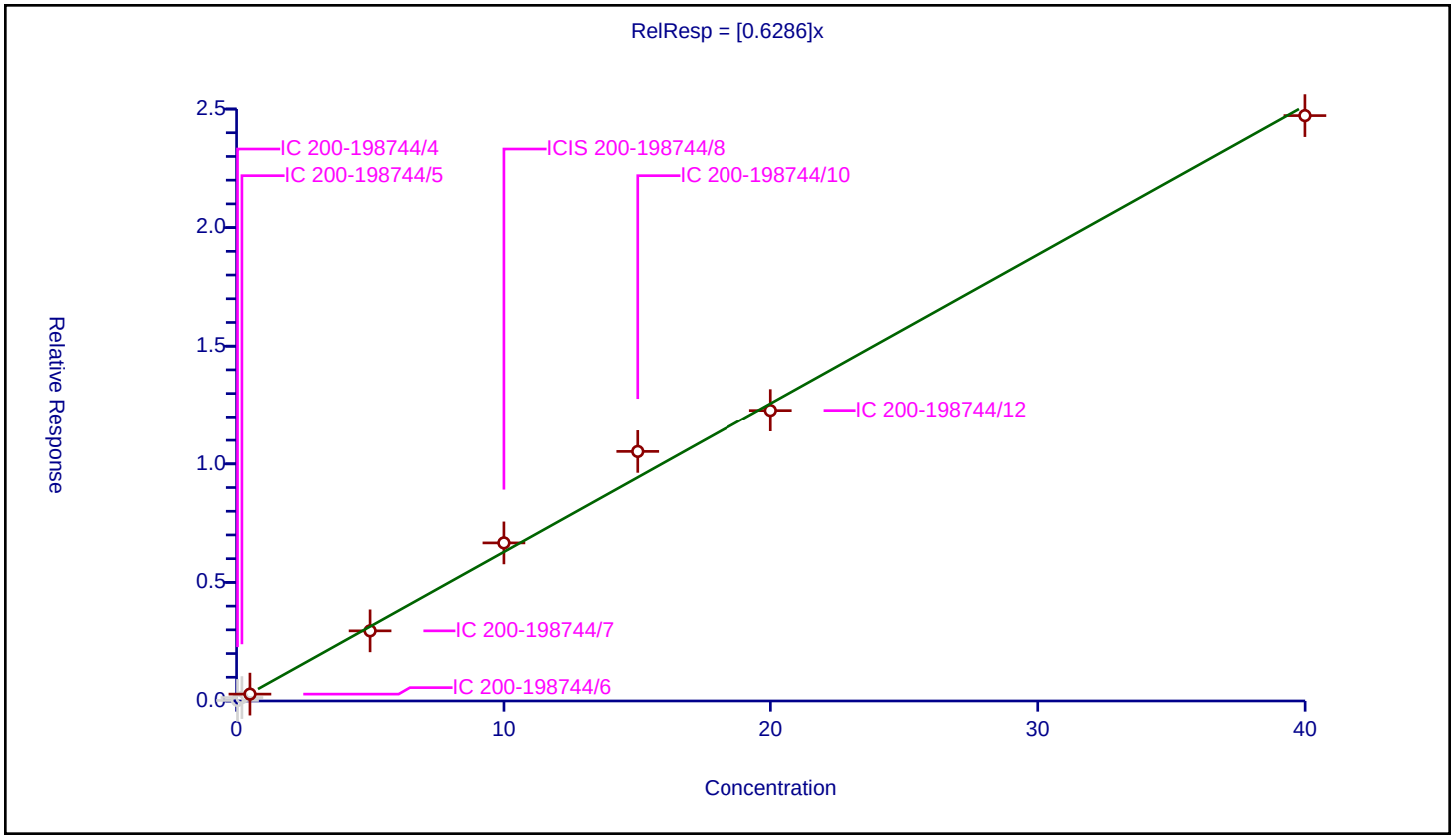
Curve Coefficients

Intercept:	0
Slope:	0.6286

Error Coefficients

Standard Error:	621000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.023435	10.0	379354.0	0.668091	N
2	IC 200-198744/5	0.20044	0.144419	10.0	373013.0	0.720509	N
3	IC 200-198744/6	0.500453	0.289698	10.0	361031.0	0.578872	Y
4	IC 200-198744/7	4.992563	2.956999	10.0	368600.0	0.592281	Y
5	ICIS 200-198744/8	9.99806	6.665642	10.0	383807.0	0.666694	Y
6	IC 200-198744/10	15.003557	10.523717	10.0	421105.0	0.701415	Y
7	IC 200-198744/12	19.99612	12.2816	10.0	457784.0	0.614199	Y
8	IC 200-198744/13	39.99224	24.722276	10.0	468469.0	0.618177	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

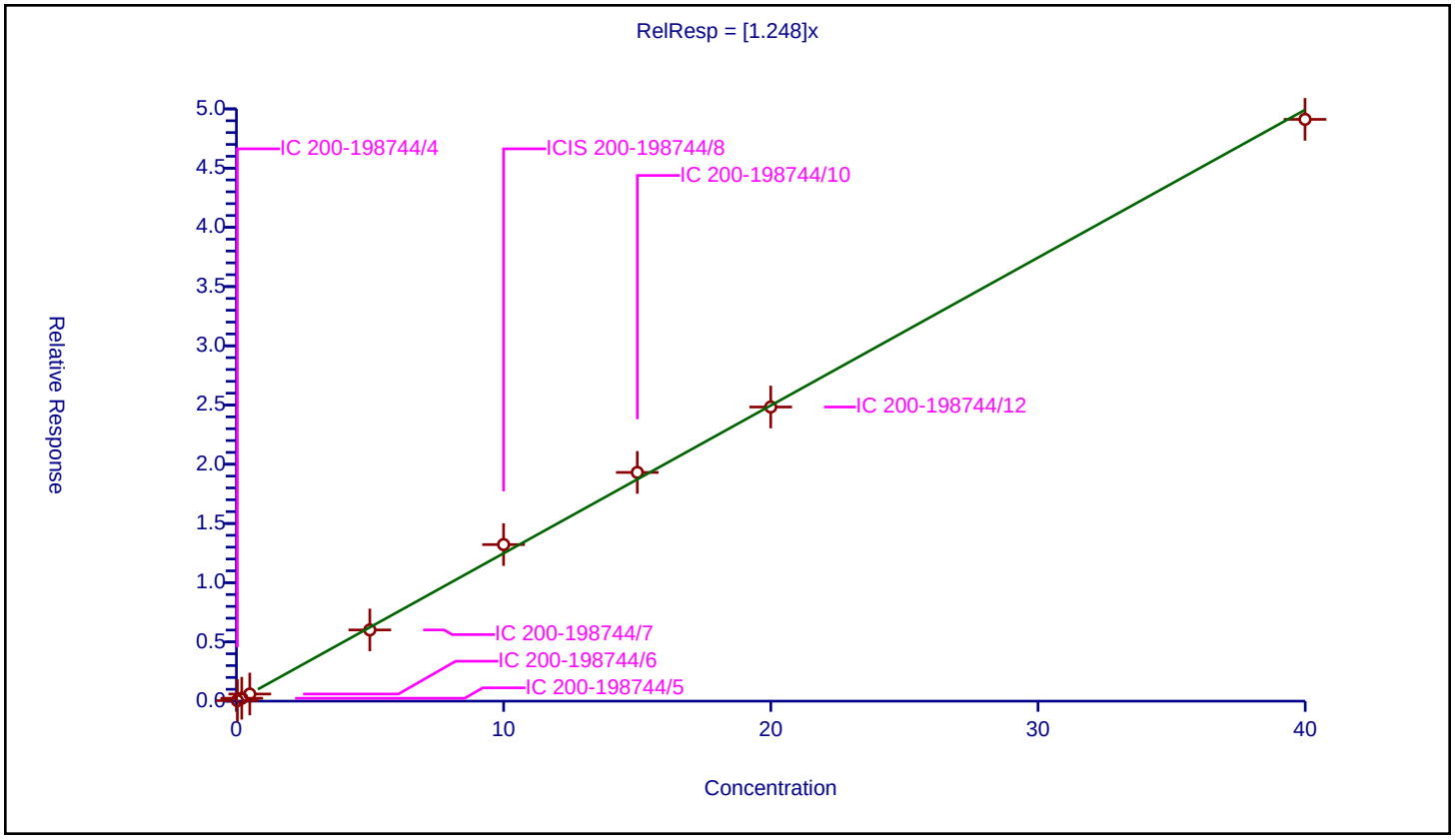
Curve Coefficients

Intercept:	0
Slope:	1.248

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.045129	10.0	379354.0	1.286582	Y
2	IC 200-198744/5	0.20044	0.243718	10.0	373013.0	1.215917	Y
3	IC 200-198744/6	0.500453	0.600392	10.0	361031.0	1.199697	Y
4	IC 200-198744/7	4.992563	6.010581	10.0	368600.0	1.203907	Y
5	ICIS 200-198744/8	9.99806	13.218362	10.0	383807.0	1.322093	Y
6	IC 200-198744/10	15.003557	19.309911	10.0	421105.0	1.287022	Y
7	IC 200-198744/12	19.99612	24.831252	10.0	457784.0	1.241804	Y
8	IC 200-198744/13	39.99224	49.116292	10.0	468469.0	1.228146	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

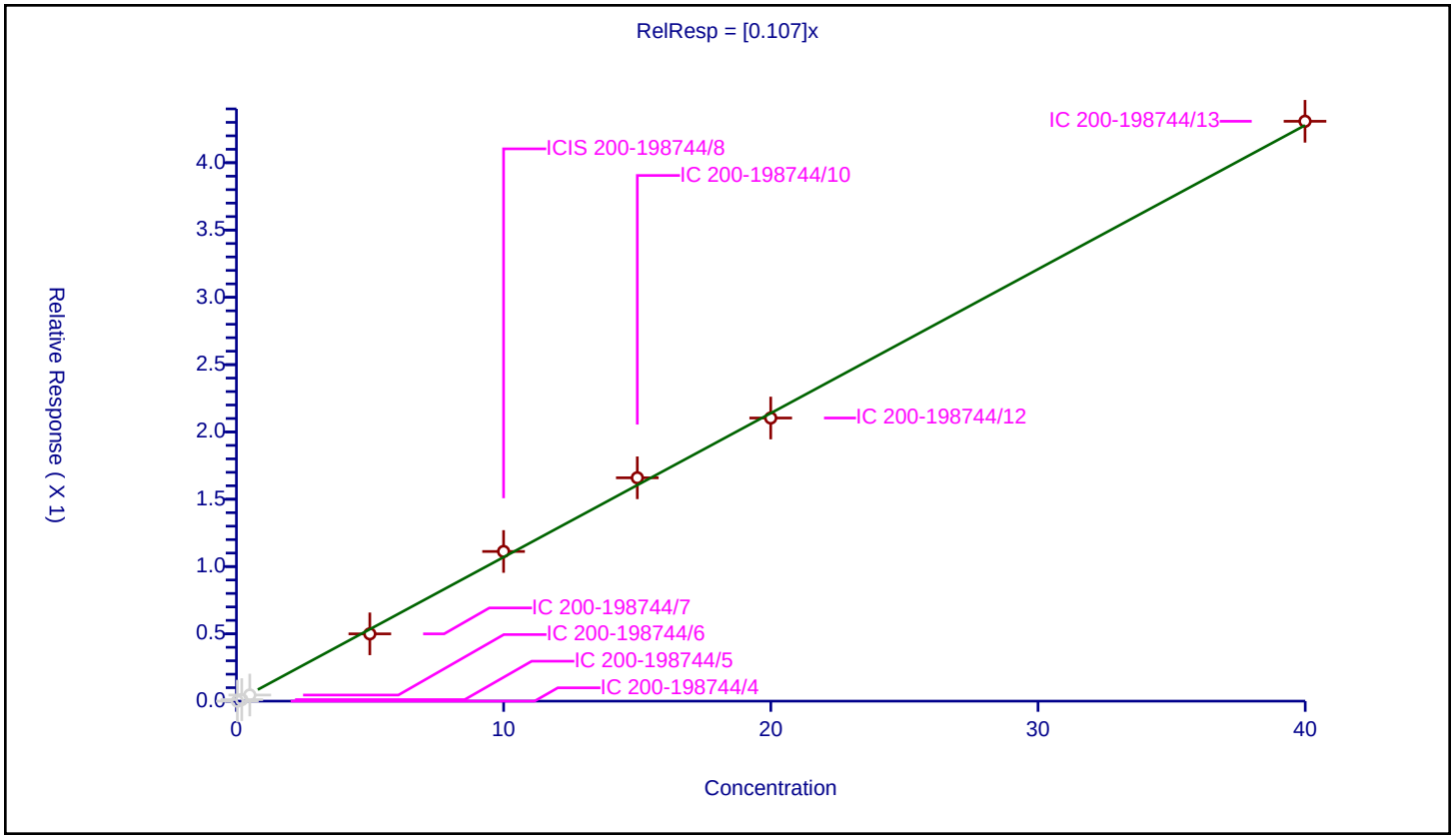
Curve Coefficients

Intercept:	0
Slope:	0.107

Error Coefficients

Standard Error:	119000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.0	10.0	379354.0	0.0	N
2	IC 200-198744/5	0.20044	0.011447	10.0	373013.0	0.057111	N
3	IC 200-198744/6	0.500453	0.045425	10.0	361031.0	0.090769	N
4	IC 200-198744/7	4.992563	0.499946	10.0	368600.0	0.100138	Y
5	ICIS 200-198744/8	9.99806	1.111887	10.0	383807.0	0.11121	Y
6	IC 200-198744/10	15.003557	1.659277	10.0	421105.0	0.110592	Y
7	IC 200-198744/12	19.99612	2.103547	10.0	457784.0	0.105198	Y
8	IC 200-198744/13	39.99224	4.308076	10.0	468469.0	0.107723	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

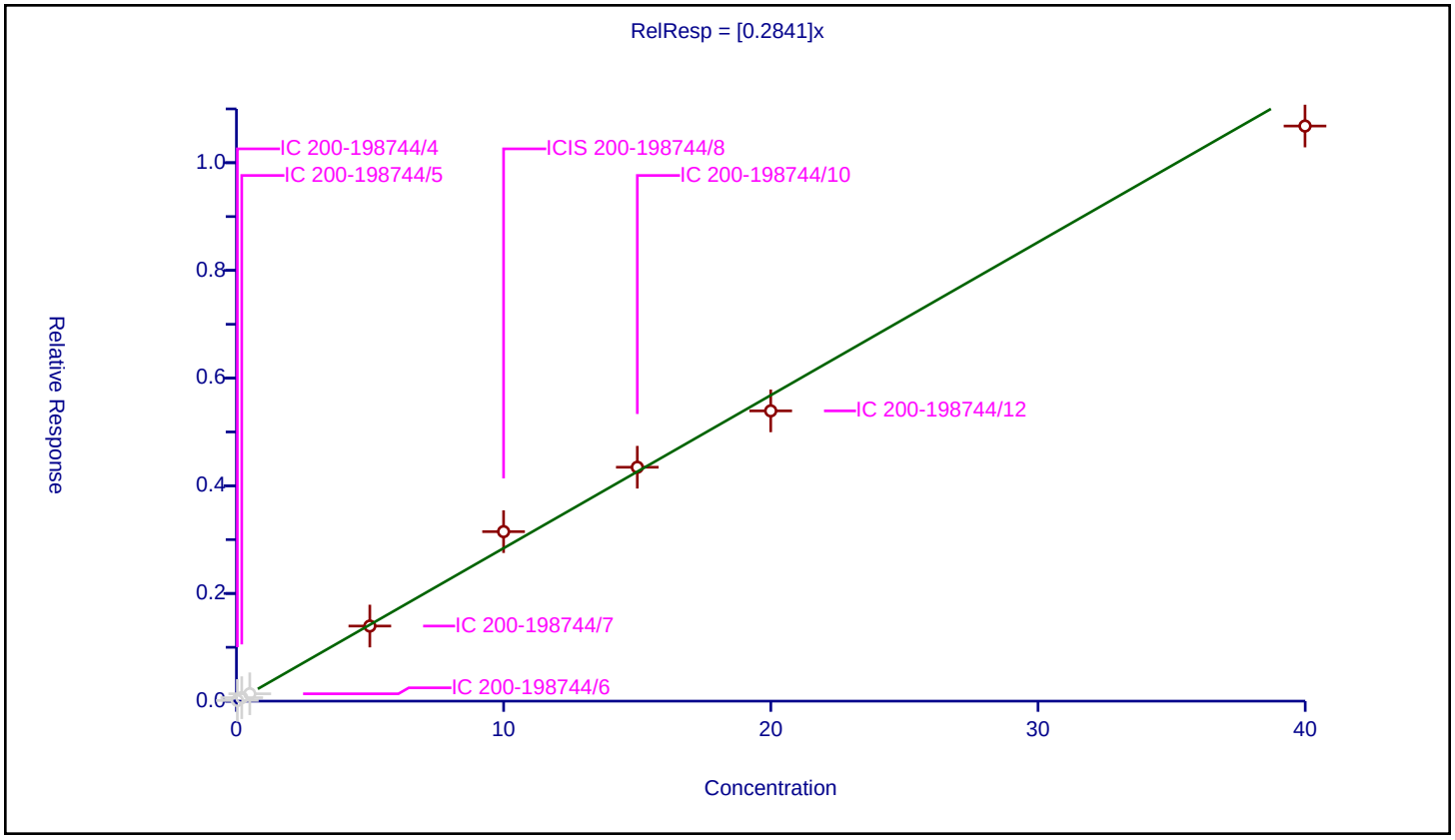
Curve Coefficients

Intercept:	0
Slope:	0.2841

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.012027	10.0	1799341.0	0.342864	N
2	IC 200-198744/5	0.20044	0.064468	10.0	1790650.0	0.321634	N
3	IC 200-198744/6	0.500453	0.137004	10.0	1738561.0	0.27376	N
4	IC 200-198744/7	4.992563	1.394736	10.0	1776171.0	0.279363	Y
5	ICIS 200-198744/8	9.99806	3.148564	10.0	1830784.0	0.314917	Y
6	IC 200-198744/10	15.003557	4.344296	10.0	2038464.0	0.289551	Y
7	IC 200-198744/12	19.99612	5.39127	10.0	2200476.0	0.269616	Y
8	IC 200-198744/13	39.99224	10.68206	10.0	2250930.0	0.267103	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

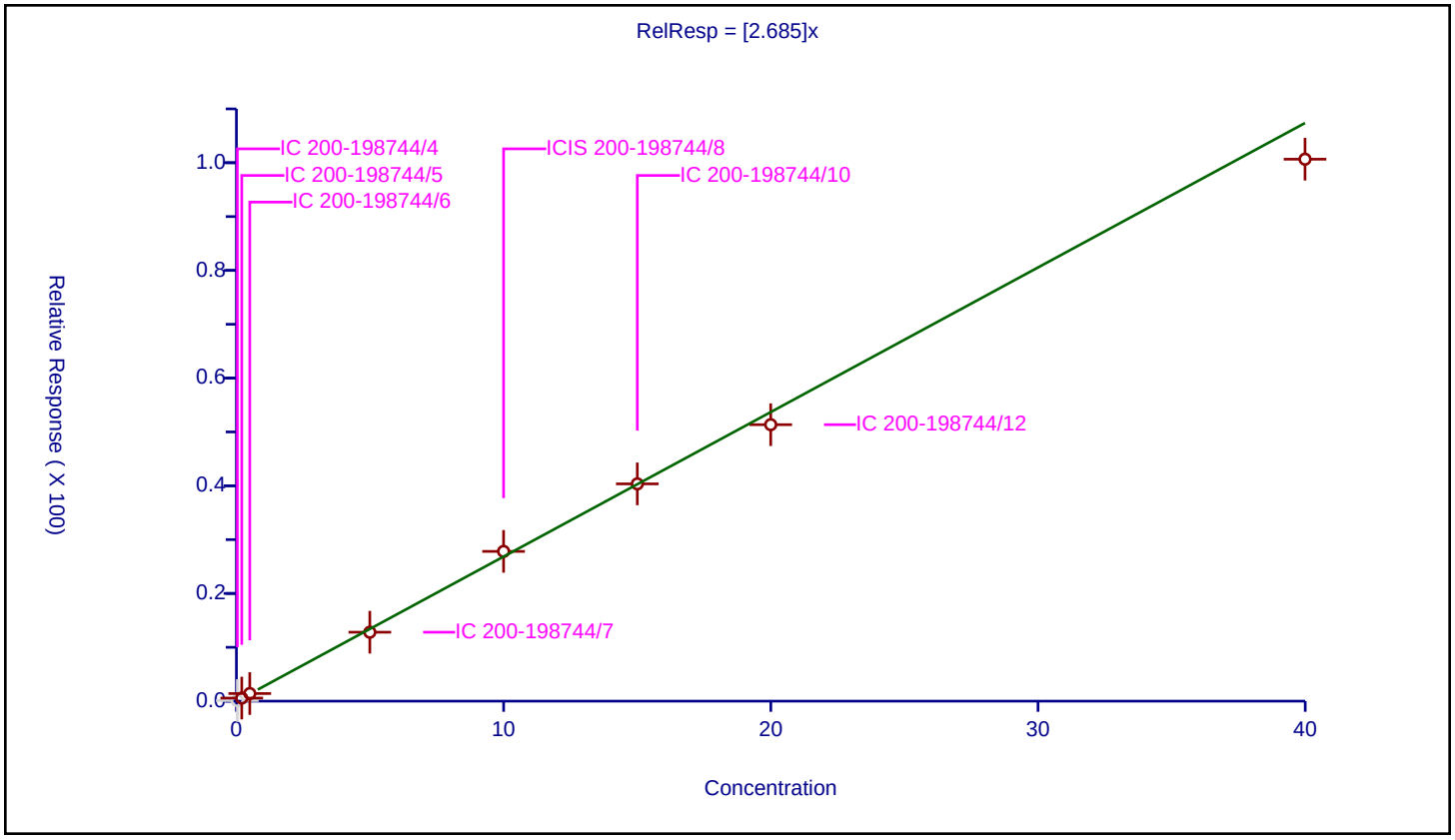
Curve Coefficients

Intercept:	0
Slope:	2.685

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.108289	10.0	379354.0	3.087195	N
2	IC 200-198744/5	0.20044	0.571294	10.0	373013.0	2.850203	Y
3	IC 200-198744/6	0.500453	1.412676	10.0	361031.0	2.822798	Y
4	IC 200-198744/7	4.992563	12.804097	10.0	368600.0	2.564634	Y
5	ICIS 200-198744/8	9.99806	27.812286	10.0	383807.0	2.781768	Y
6	IC 200-198744/10	15.003557	40.355232	10.0	421105.0	2.689711	Y
7	IC 200-198744/12	19.99612	51.352778	10.0	457784.0	2.568137	Y
8	IC 200-198744/13	39.99224	100.654814	10.0	468469.0	2.516859	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

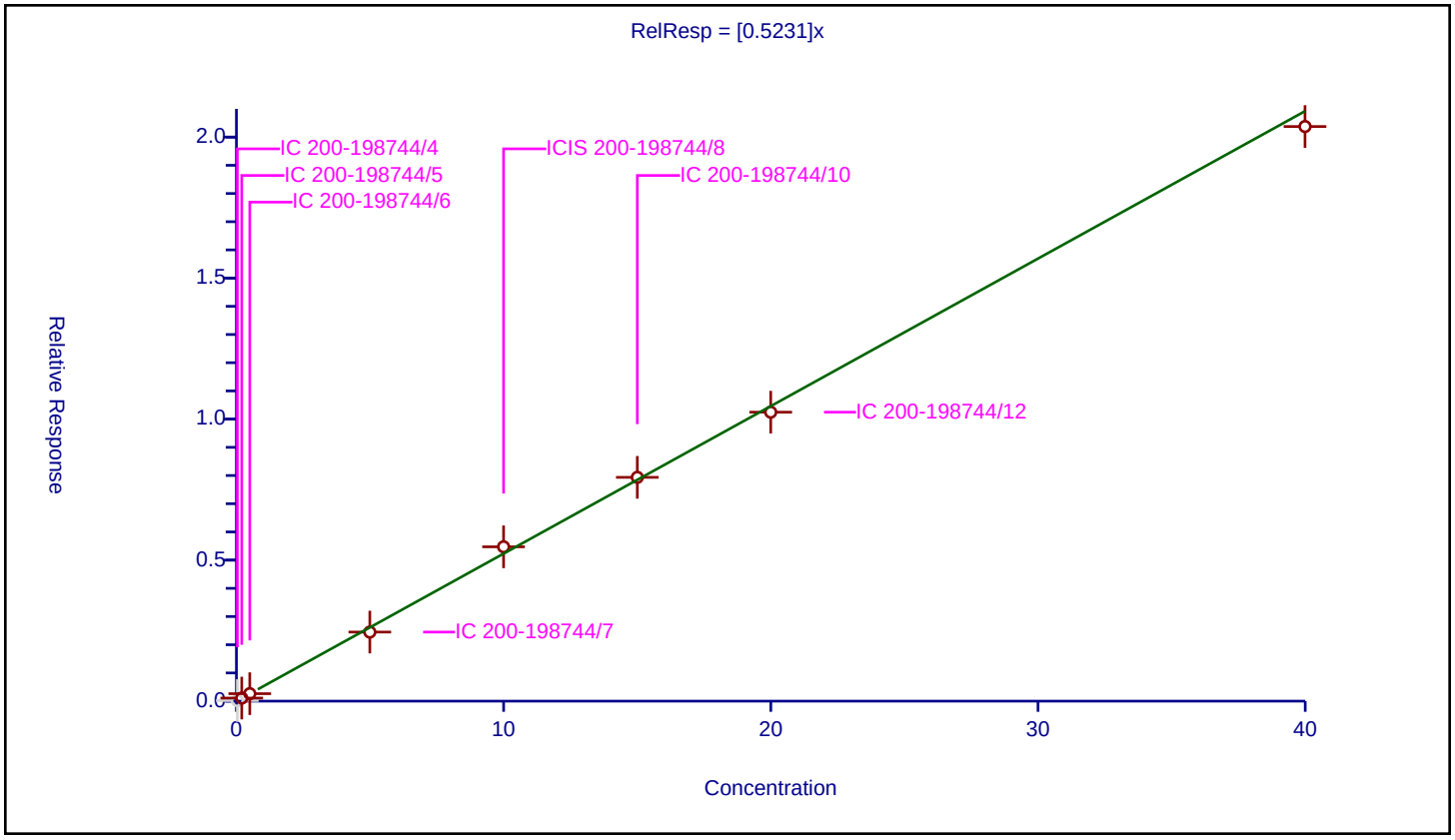
Curve Coefficients

Intercept:	0
Slope:	0.5231

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.02033	10.0	1799341.0	0.579573	N
2	IC 200-198744/5	0.20044	0.109094	10.0	1790650.0	0.544276	Y
3	IC 200-198744/6	0.500453	0.264552	10.0	1738561.0	0.528626	Y
4	IC 200-198744/7	4.992563	2.449274	10.0	1776171.0	0.490585	Y
5	ICIS 200-198744/8	9.99806	5.471907	10.0	1830784.0	0.547297	Y
6	IC 200-198744/10	15.003557	7.935279	10.0	2038464.0	0.528893	Y
7	IC 200-198744/12	19.99612	10.246347	10.0	2200476.0	0.512417	Y
8	IC 200-198744/13	39.99224	20.375005	10.0	2250930.0	0.509474	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

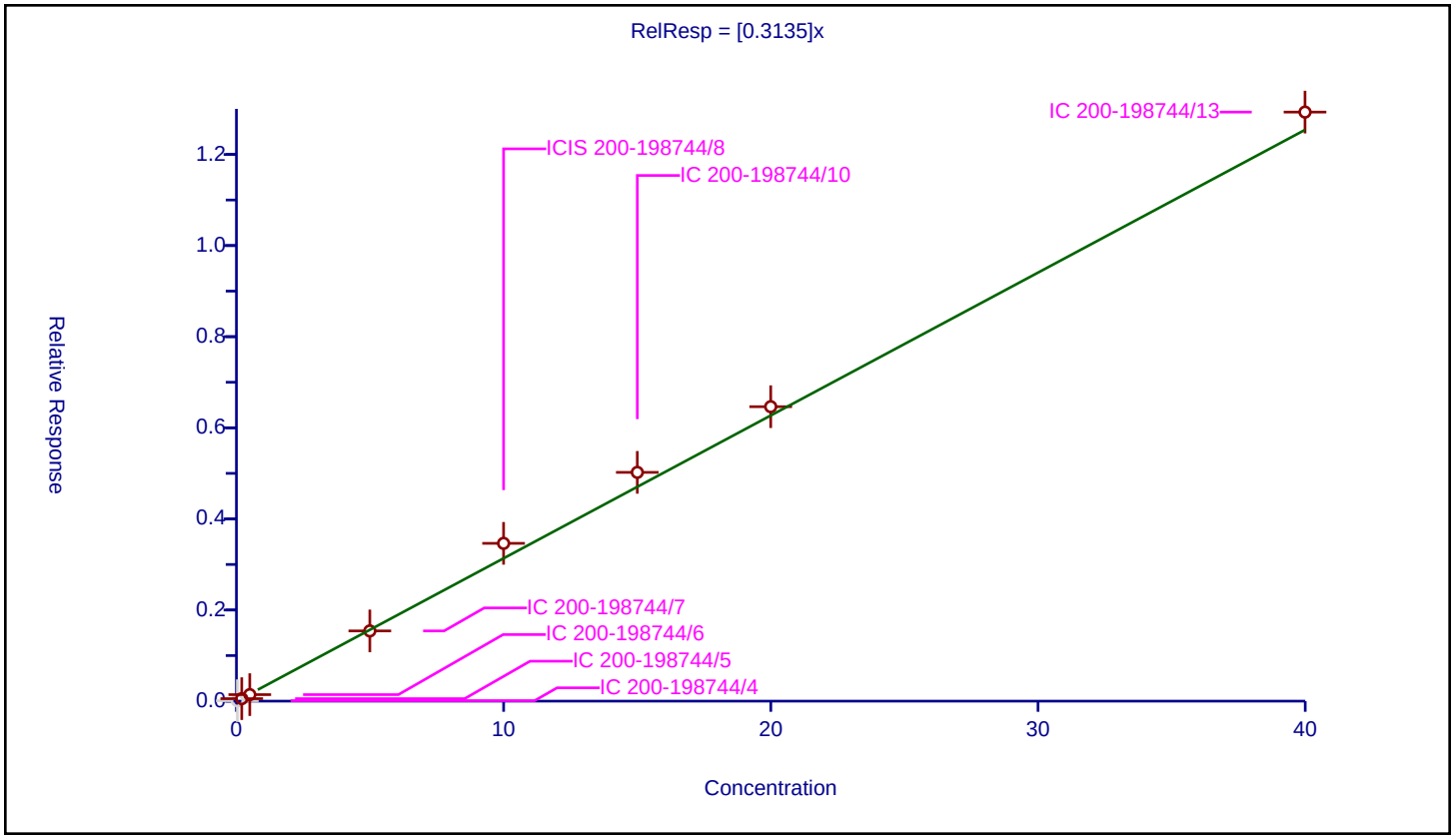
Curve Coefficients

Intercept:	0
Slope:	0.3135

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.009437	10.0	1799341.0	0.269031	N
2	IC 200-198744/5	0.20044	0.054723	10.0	1790650.0	0.273016	Y
3	IC 200-198744/6	0.500453	0.142814	10.0	1738561.0	0.285369	Y
4	IC 200-198744/7	4.992563	1.541394	10.0	1776171.0	0.308738	Y
5	ICIS 200-198744/8	9.99806	3.463445	10.0	1830784.0	0.346412	Y
6	IC 200-198744/10	15.003557	5.02184	10.0	2038464.0	0.33471	Y
7	IC 200-198744/12	19.99612	6.463447	10.0	2200476.0	0.323235	Y
8	IC 200-198744/13	39.99224	12.92958	10.0	2250930.0	0.323302	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

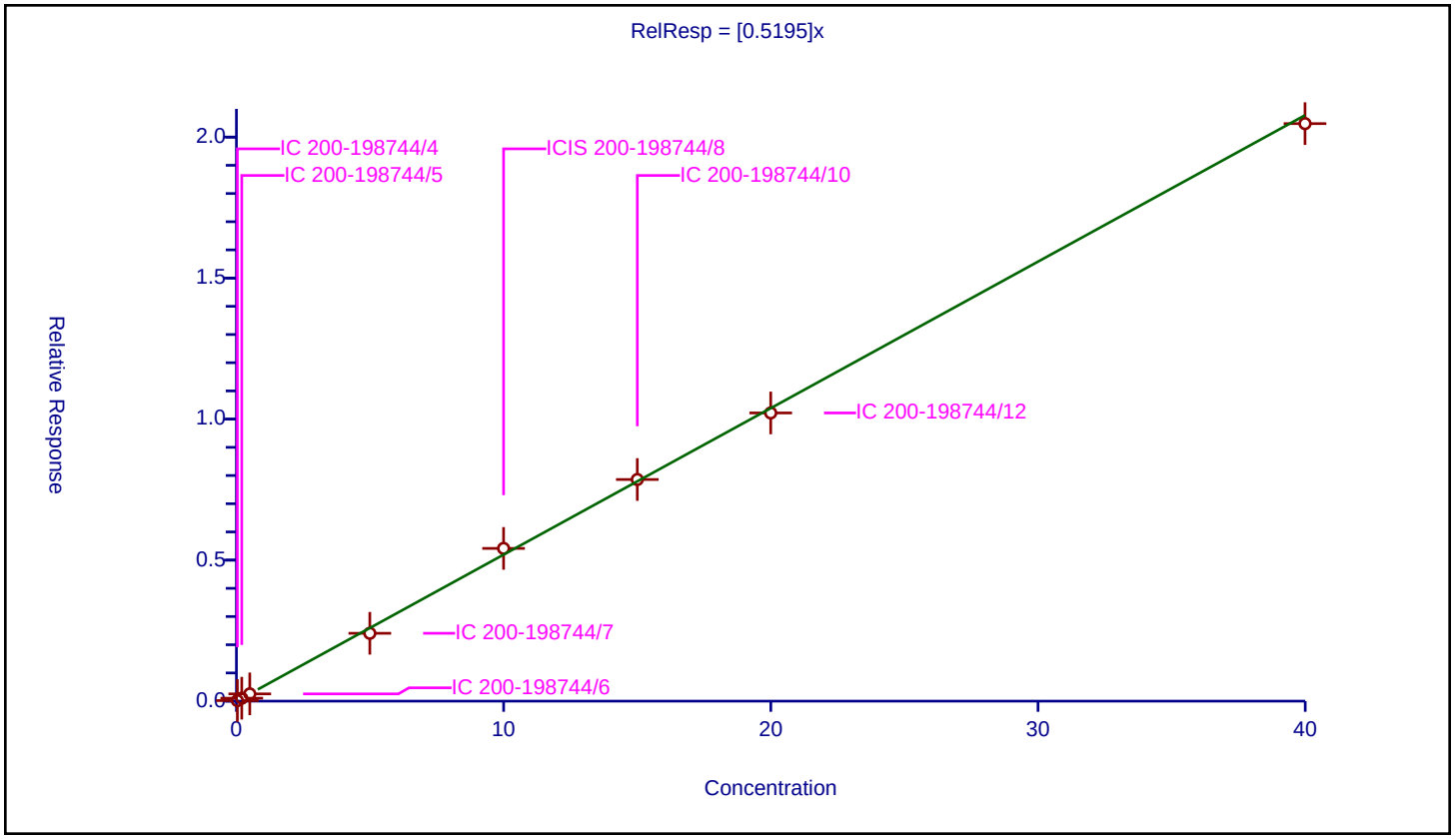
Curve Coefficients

Intercept:	0
Slope:	0.5195

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.019335	10.0	1799341.0	0.551213	Y
2	IC 200-198744/5	0.20044	0.104208	10.0	1790650.0	0.519897	Y
3	IC 200-198744/6	0.500453	0.257287	10.0	1738561.0	0.51411	Y
4	IC 200-198744/7	4.992563	2.406187	10.0	1776171.0	0.481954	Y
5	ICIS 200-198744/8	9.99806	5.415756	10.0	1830784.0	0.541681	Y
6	IC 200-198744/10	15.003557	7.858711	10.0	2038464.0	0.52379	Y
7	IC 200-198744/12	19.99612	10.218353	10.0	2200476.0	0.511017	Y
8	IC 200-198744/13	39.99224	20.477931	10.0	2250930.0	0.512048	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

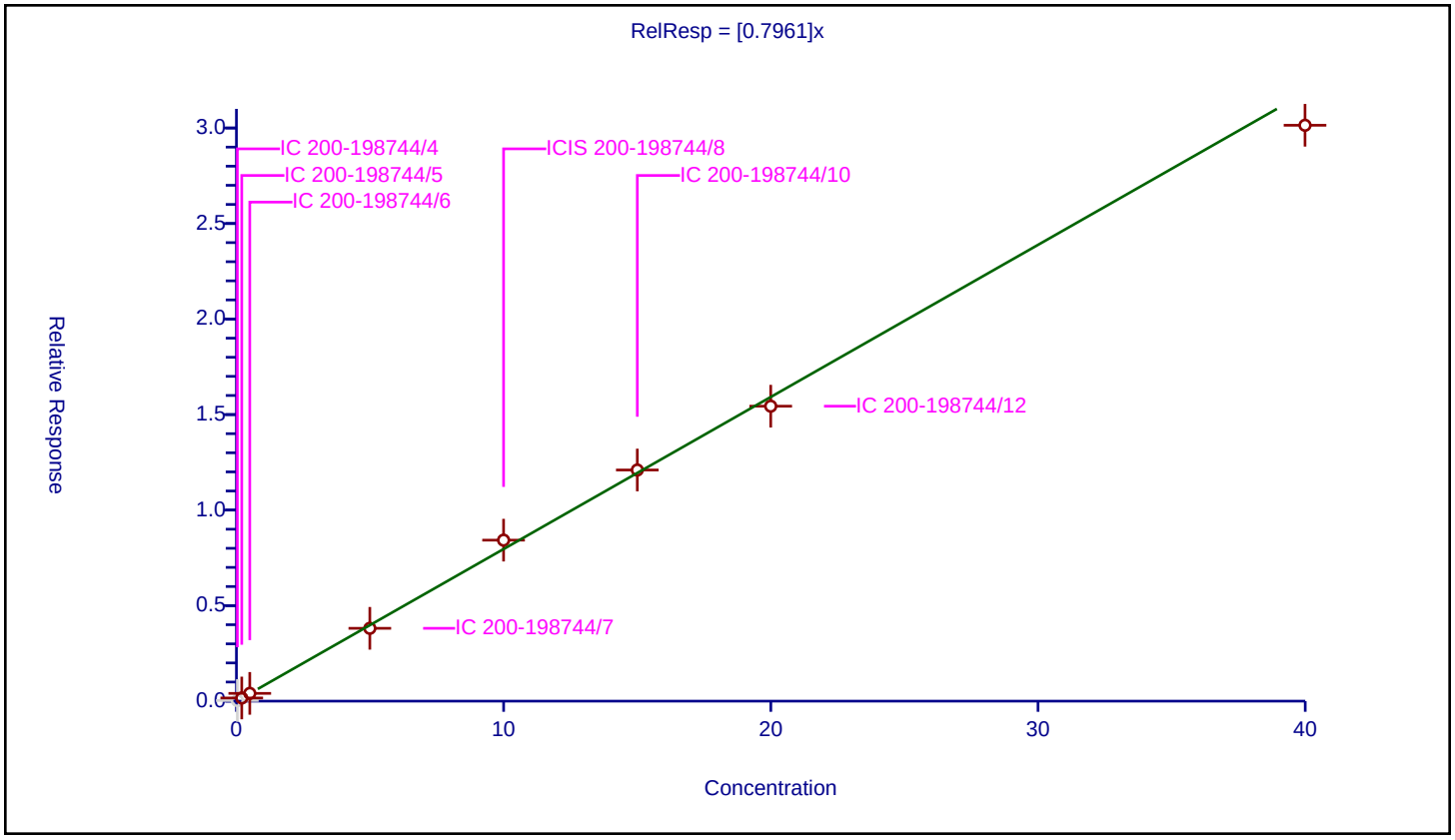
Curve Coefficients

Intercept:	0
Slope:	0.7961

Error Coefficients

Standard Error:	3330000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.032306	10.0	1799341.0	0.921012	N
2	IC 200-198744/5	0.20044	0.164907	10.0	1790650.0	0.822724	Y
3	IC 200-198744/6	0.500453	0.406031	10.0	1738561.0	0.811328	Y
4	IC 200-198744/7	4.992563	3.812409	10.0	1776171.0	0.763618	Y
5	ICIS 200-198744/8	9.99806	8.426811	10.0	1830784.0	0.842845	Y
6	IC 200-198744/10	15.003557	12.098526	10.0	2038464.0	0.806377	Y
7	IC 200-198744/12	19.99612	15.439478	10.0	2200476.0	0.772124	Y
8	IC 200-198744/13	39.99224	30.142048	10.0	2250930.0	0.753697	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

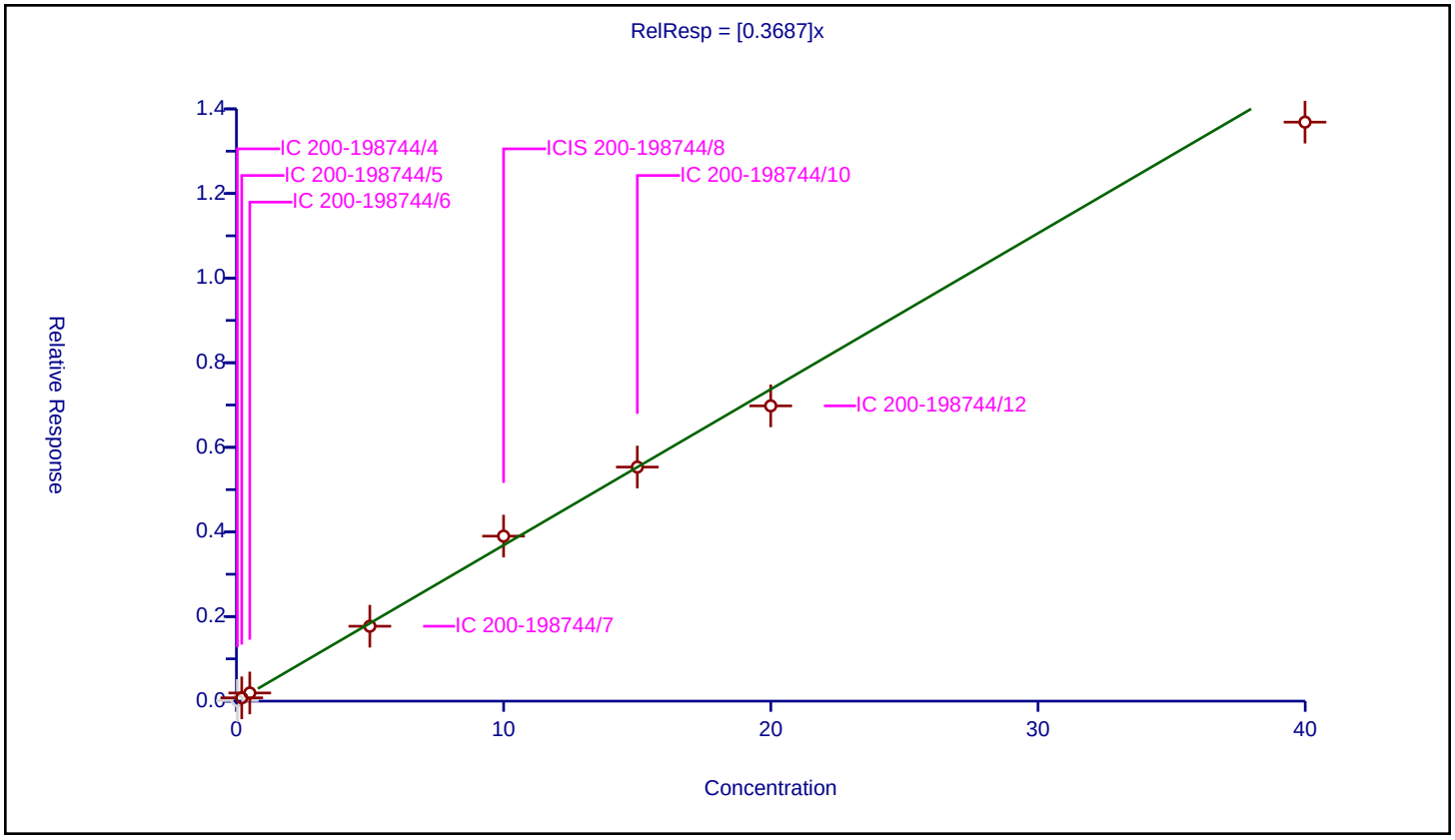
Curve Coefficients

Intercept:	0
Slope:	0.3687

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.014189	10.0	1799341.0	0.404497	N
2	IC 200-198744/5	0.20044	0.078111	10.0	1790650.0	0.3897	Y
3	IC 200-198744/6	0.500453	0.193148	10.0	1738561.0	0.385947	Y
4	IC 200-198744/7	4.992563	1.770815	10.0	1776171.0	0.354691	Y
5	ICIS 200-198744/8	9.99806	3.900815	10.0	1830784.0	0.390157	Y
6	IC 200-198744/10	15.003557	5.533127	10.0	2038464.0	0.368788	Y
7	IC 200-198744/12	19.99612	6.97989	10.0	2200476.0	0.349062	Y
8	IC 200-198744/13	39.99224	13.687107	10.0	2250930.0	0.342244	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

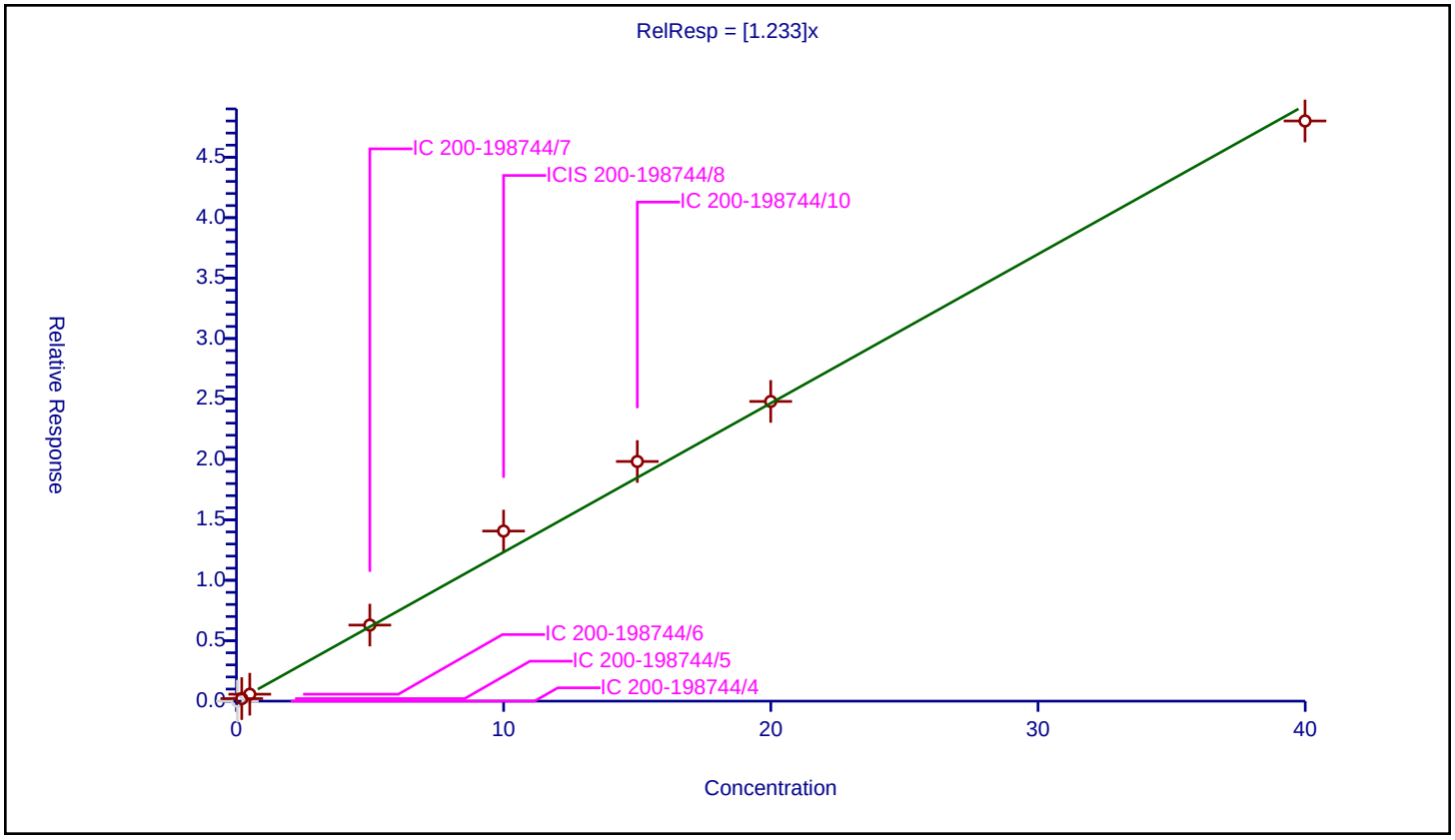
Curve Coefficients

Intercept:	0
Slope:	1.233

Error Coefficients

Standard Error:	5330000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.0	10.0	1799341.0	0.0	N
2	IC 200-198744/5	0.20044	0.210985	10.0	1790650.0	1.05261	Y
3	IC 200-198744/6	0.500453	0.573825	10.0	1738561.0	1.146612	Y
4	IC 200-198744/7	4.992563	6.293397	10.0	1776171.0	1.260554	Y
5	ICIS 200-198744/8	9.99806	14.070868	10.0	1830784.0	1.40736	Y
6	IC 200-198744/10	15.003557	19.829146	10.0	2038464.0	1.32163	Y
7	IC 200-198744/12	19.99612	24.795203	10.0	2200476.0	1.240001	Y
8	IC 200-198744/13	39.99224	48.002657	10.0	2250930.0	1.200299	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

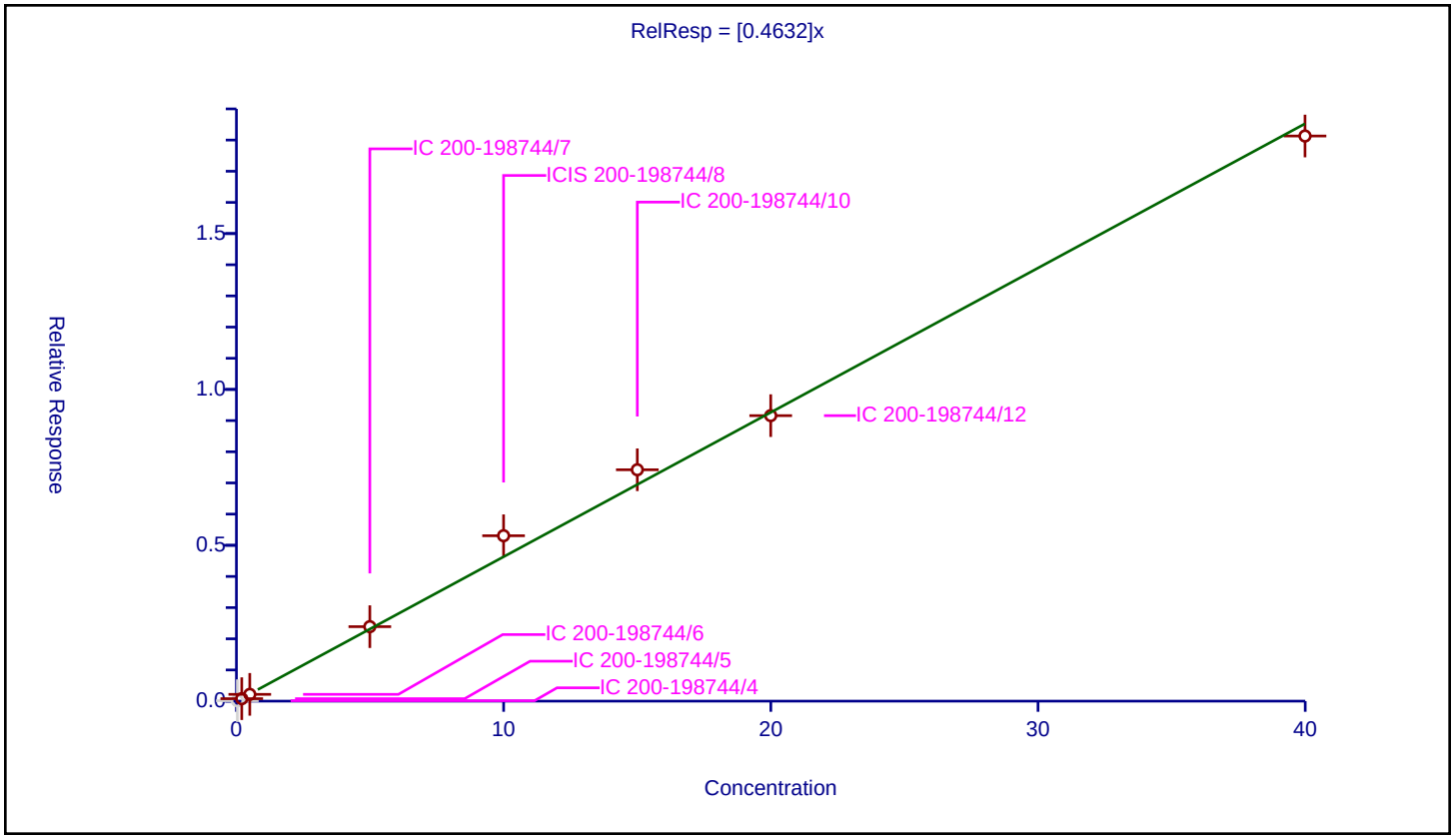
Curve Coefficients

Intercept:	0
Slope:	0.4632

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.01445	10.0	1799341.0	0.411944	N
2	IC 200-198744/5	0.20044	0.078759	10.0	1790650.0	0.392932	Y
3	IC 200-198744/6	0.500453	0.217145	10.0	1738561.0	0.433897	Y
4	IC 200-198744/7	4.992563	2.389657	10.0	1776171.0	0.478643	Y
5	ICIS 200-198744/8	9.99806	5.306623	10.0	1830784.0	0.530765	Y
6	IC 200-198744/10	15.003557	7.422662	10.0	2038464.0	0.494727	Y
7	IC 200-198744/12	19.99612	9.159296	10.0	2200476.0	0.458054	Y
8	IC 200-198744/13	39.99224	18.130382	10.0	2250930.0	0.453347	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

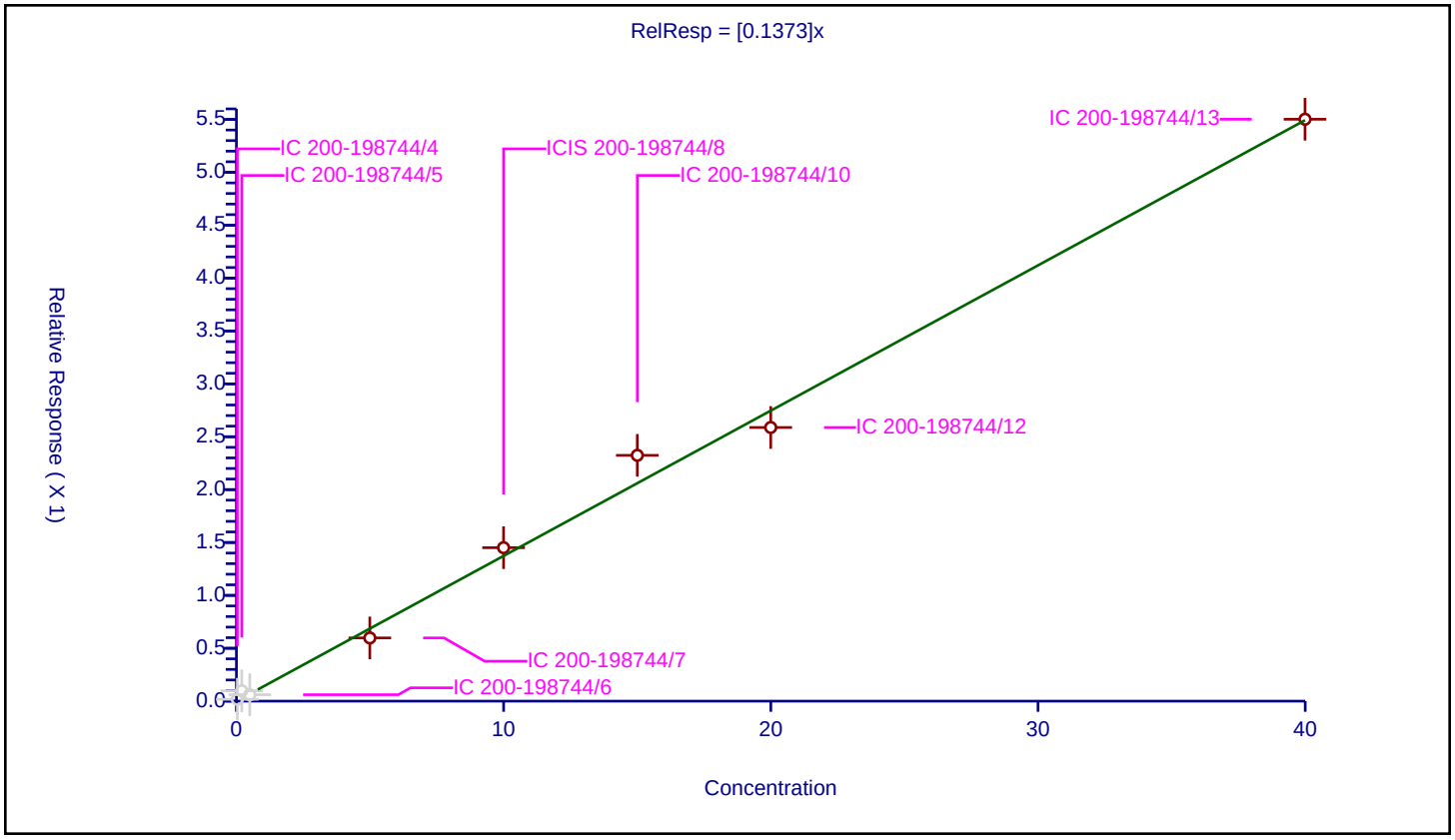
Curve Coefficients

Intercept:	0
Slope:	0.1373

Error Coefficients

Standard Error:	736000
Relative Standard Error:	9.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.017495	10.0	1799341.0	0.498769	N
2	IC 200-198744/5	0.20044	0.097931	10.0	1790650.0	0.488581	N
3	IC 200-198744/6	0.500453	0.06078	10.0	1738561.0	0.12145	N
4	IC 200-198744/7	4.992563	0.597724	10.0	1776171.0	0.119723	Y
5	ICIS 200-198744/8	9.99806	1.450876	10.0	1830784.0	0.145116	Y
6	IC 200-198744/10	15.003557	2.324132	10.0	2038464.0	0.154905	Y
7	IC 200-198744/12	19.99612	2.587549	10.0	2200476.0	0.129403	Y
8	IC 200-198744/13	39.99224	5.502037	10.0	2250930.0	0.137578	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

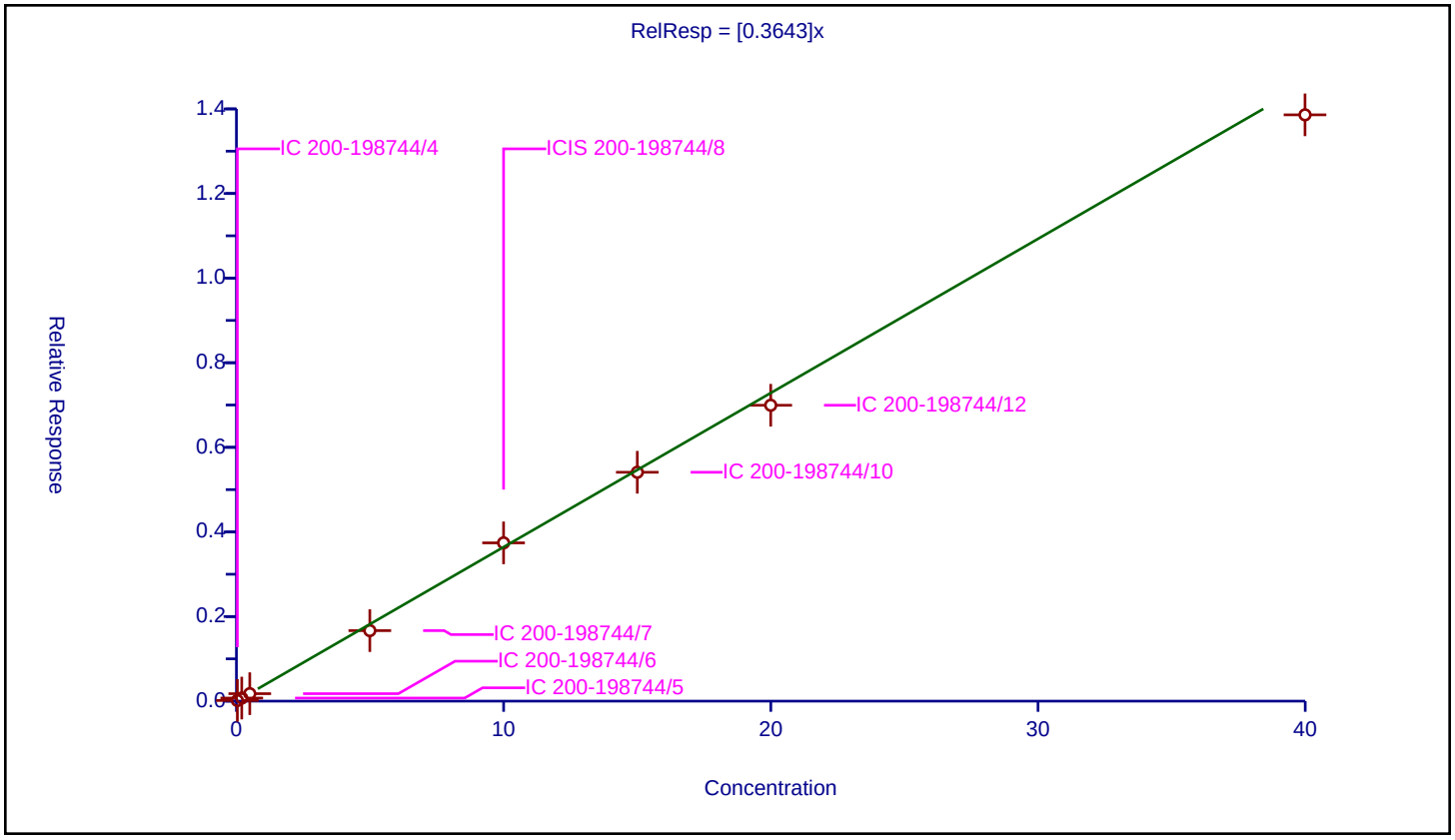
Curve Coefficients

Intercept:	0
Slope:	0.3643

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.015228	10.0	1799341.0	0.434126	Y
2	IC 200-198744/5	0.20044	0.072694	10.0	1790650.0	0.362674	Y
3	IC 200-198744/6	0.500453	0.176335	10.0	1738561.0	0.352352	Y
4	IC 200-198744/7	4.992563	1.667086	10.0	1776171.0	0.333914	Y
5	ICIS 200-198744/8	9.99806	3.741332	10.0	1830784.0	0.374206	Y
6	IC 200-198744/10	15.003557	5.410265	10.0	2038464.0	0.360599	Y
7	IC 200-198744/12	19.99612	6.994555	10.0	2200476.0	0.349796	Y
8	IC 200-198744/13	39.99224	13.859534	10.0	2250930.0	0.346556	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

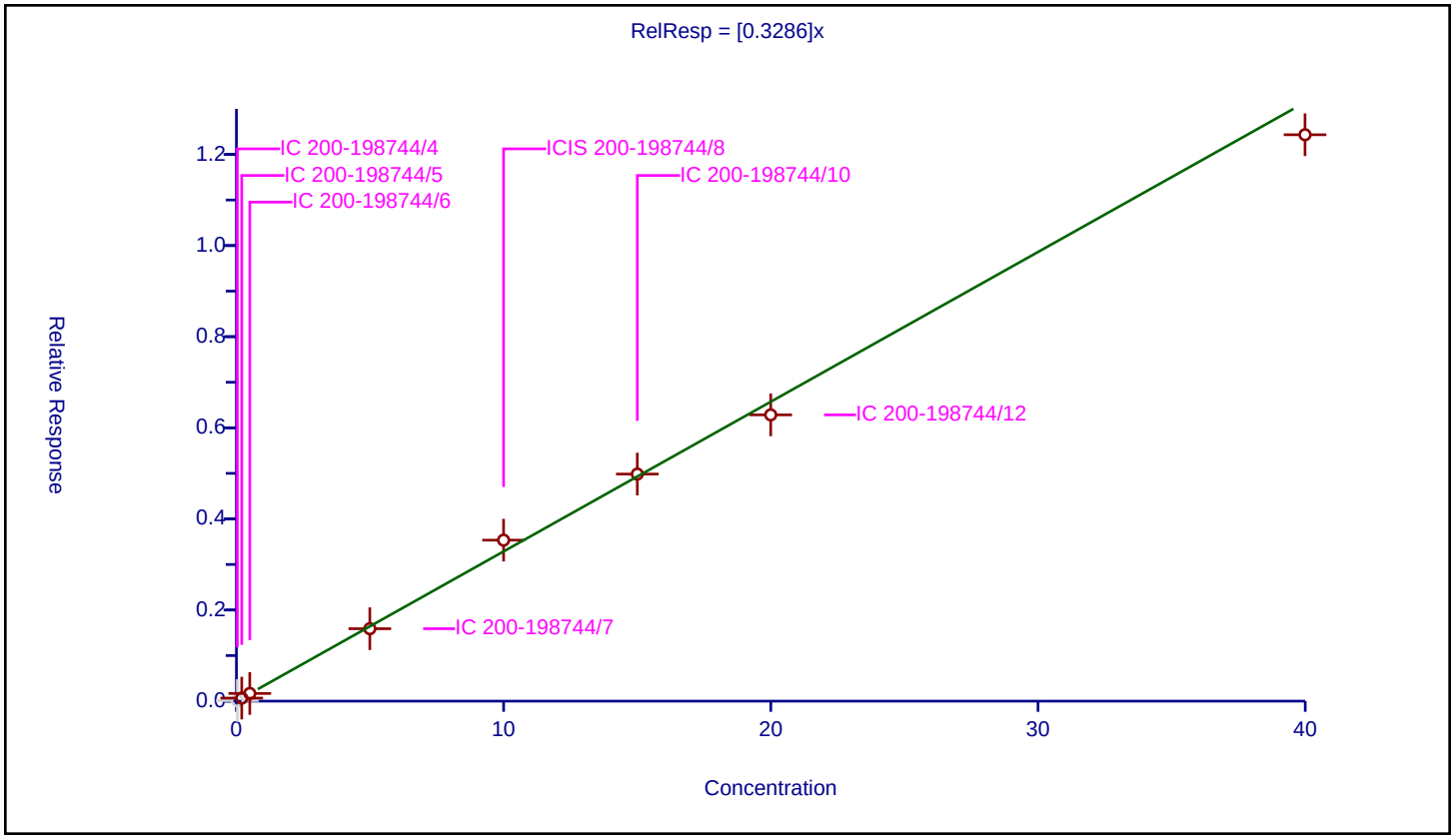
Curve Coefficients

Intercept:	0
Slope:	0.3286

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.012249	10.0	1799341.0	0.349202	N
2	IC 200-198744/5	0.20044	0.06697	10.0	1790650.0	0.334116	Y
3	IC 200-198744/6	0.500453	0.168674	10.0	1738561.0	0.337043	Y
4	IC 200-198744/7	4.992563	1.590072	10.0	1776171.0	0.318488	Y
5	ICIS 200-198744/8	9.99806	3.533792	10.0	1830784.0	0.353448	Y
6	IC 200-198744/10	15.003557	4.984248	10.0	2038464.0	0.332204	Y
7	IC 200-198744/12	19.99612	6.283813	10.0	2200476.0	0.314252	Y
8	IC 200-198744/13	39.99224	12.432559	10.0	2250930.0	0.310874	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

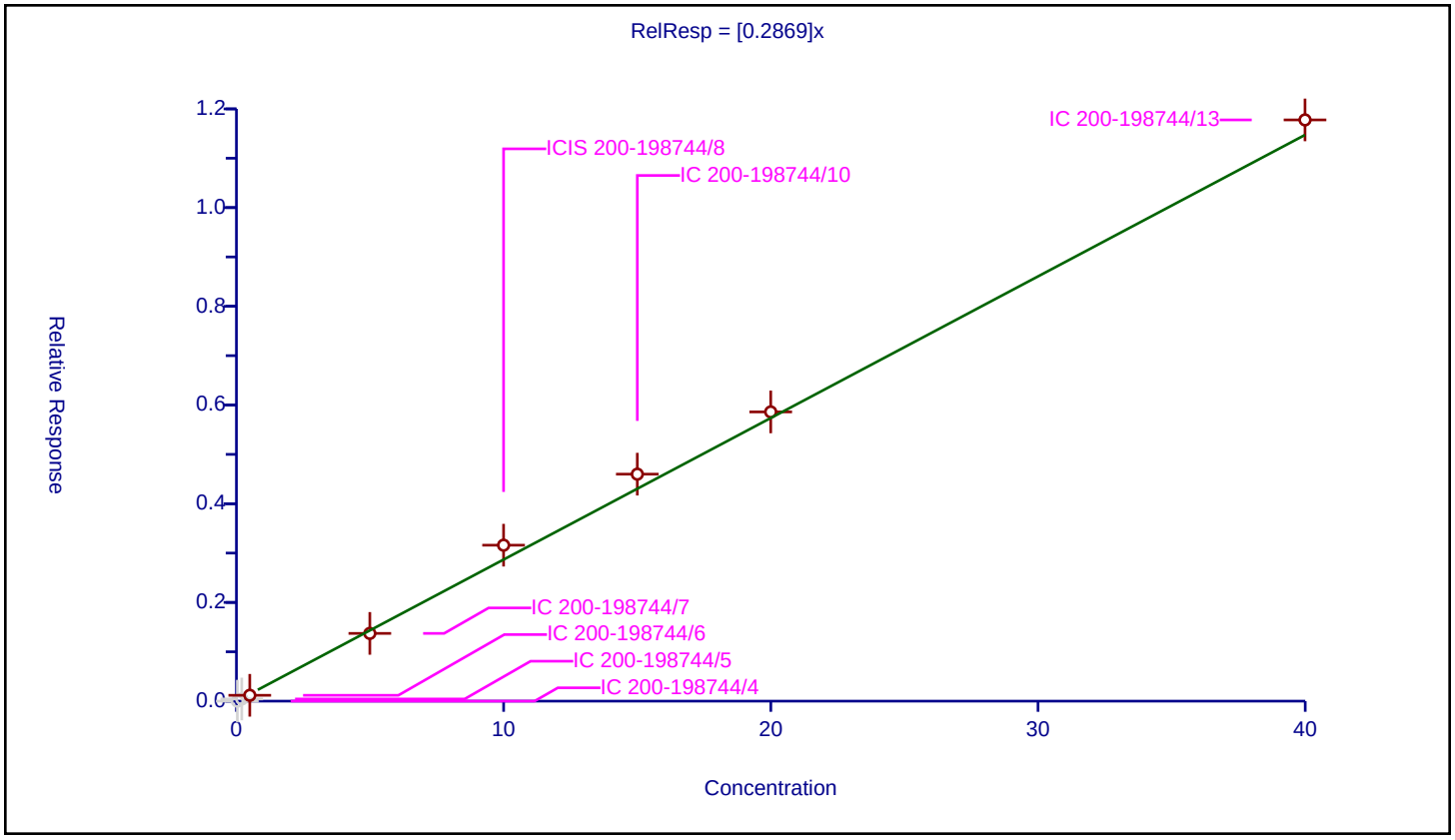
Curve Coefficients

Intercept:	0
Slope:	0.2869

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.0	10.0	1799341.0	0.0	N
2	IC 200-198744/5	0.20044	0.043816	10.0	1790650.0	0.218602	N
3	IC 200-198744/6	0.500453	0.11819	10.0	1738561.0	0.236166	Y
4	IC 200-198744/7	4.992563	1.37239	10.0	1776171.0	0.274887	Y
5	ICIS 200-198744/8	9.99806	3.159887	10.0	1830784.0	0.31605	Y
6	IC 200-198744/10	15.003557	4.599149	10.0	2038464.0	0.306537	Y
7	IC 200-198744/12	19.99612	5.860146	10.0	2200476.0	0.293064	Y
8	IC 200-198744/13	39.99224	11.776692	10.0	2250930.0	0.294474	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

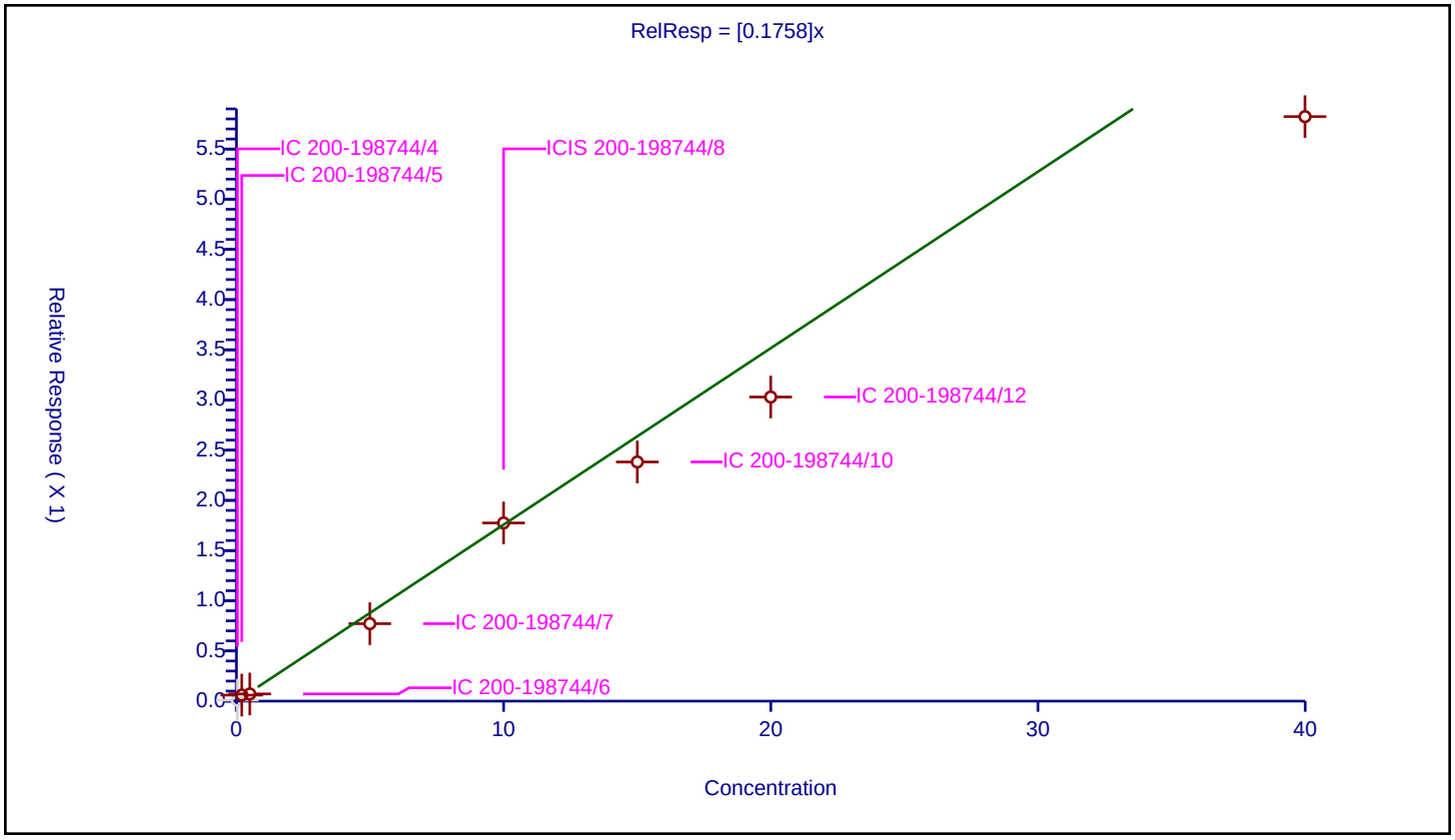
Curve Coefficients

Intercept:	0
Slope:	0.1758

Error Coefficients

Standard Error:	648000
Relative Standard Error:	31.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.840

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.010031	10.0	1799341.0	0.285984	N
2	IC 200-198744/5	0.20044	0.06004	10.0	1790650.0	0.29954	Y
3	IC 200-198744/6	0.500453	0.07164	10.0	1738561.0	0.14315	Y
4	IC 200-198744/7	4.992563	0.771767	10.0	1776171.0	0.154583	Y
5	ICIS 200-198744/8	9.99806	1.774934	10.0	1830784.0	0.177528	Y
6	IC 200-198744/10	15.003557	2.382828	10.0	2038464.0	0.158818	Y
7	IC 200-198744/12	19.99612	3.029576	10.0	2200476.0	0.151508	Y
8	IC 200-198744/13	39.99224	5.822927	10.0	2250930.0	0.145601	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

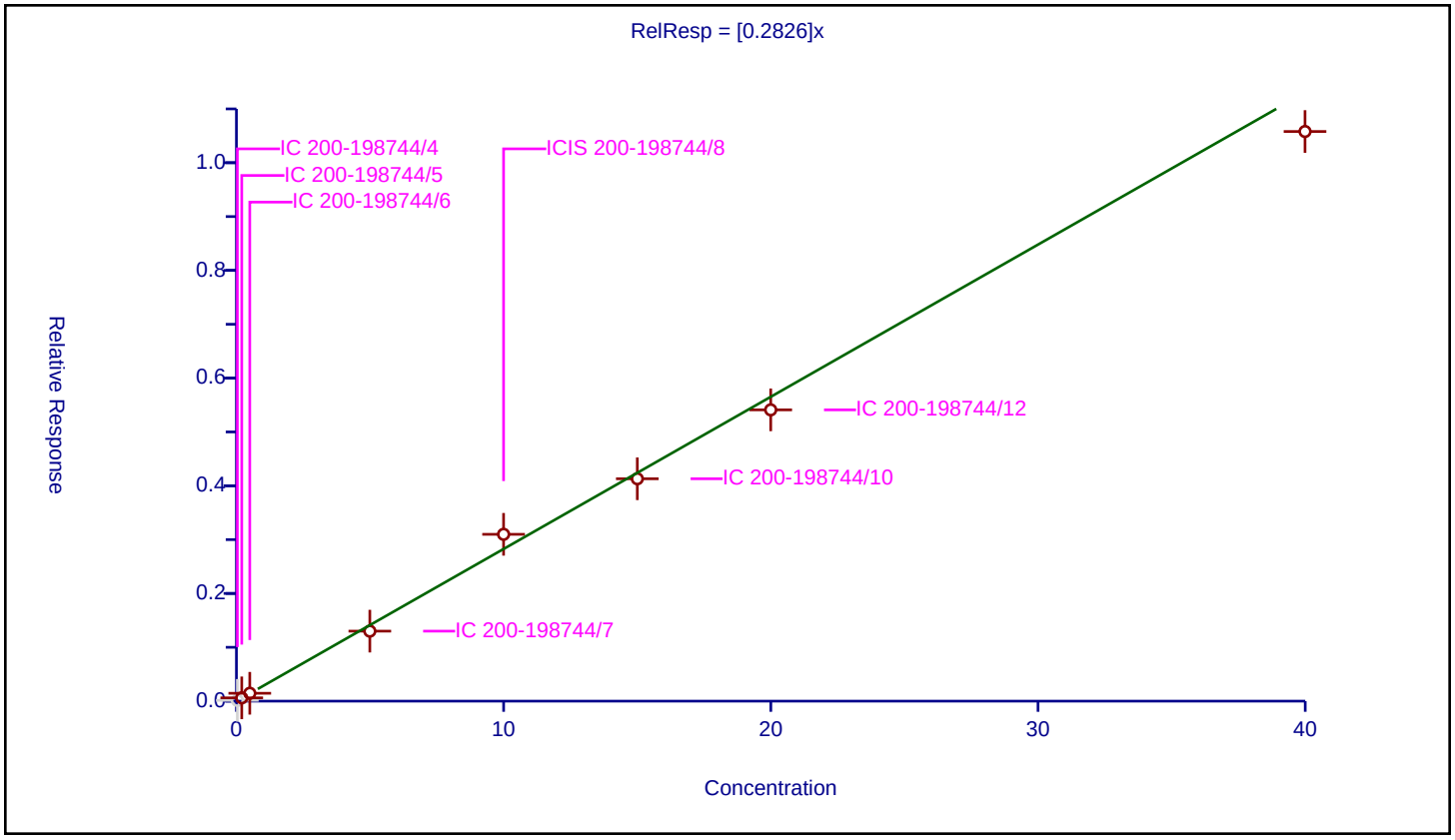
Curve Coefficients

Intercept:	0
Slope:	0.2826

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.014711	10.0	1799341.0	0.419391	N
2	IC 200-198744/5	0.20044	0.061313	10.0	1790650.0	0.305892	Y
3	IC 200-198744/6	0.500453	0.146063	10.0	1738561.0	0.291862	Y
4	IC 200-198744/7	4.992563	1.300415	10.0	1776171.0	0.26047	Y
5	ICIS 200-198744/8	9.99806	3.098541	10.0	1830784.0	0.309914	Y
6	IC 200-198744/10	15.003557	4.130223	10.0	2038464.0	0.275283	Y
7	IC 200-198744/12	19.99612	5.410011	10.0	2200476.0	0.270553	Y
8	IC 200-198744/13	39.99224	10.580191	10.0	2250930.0	0.264556	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

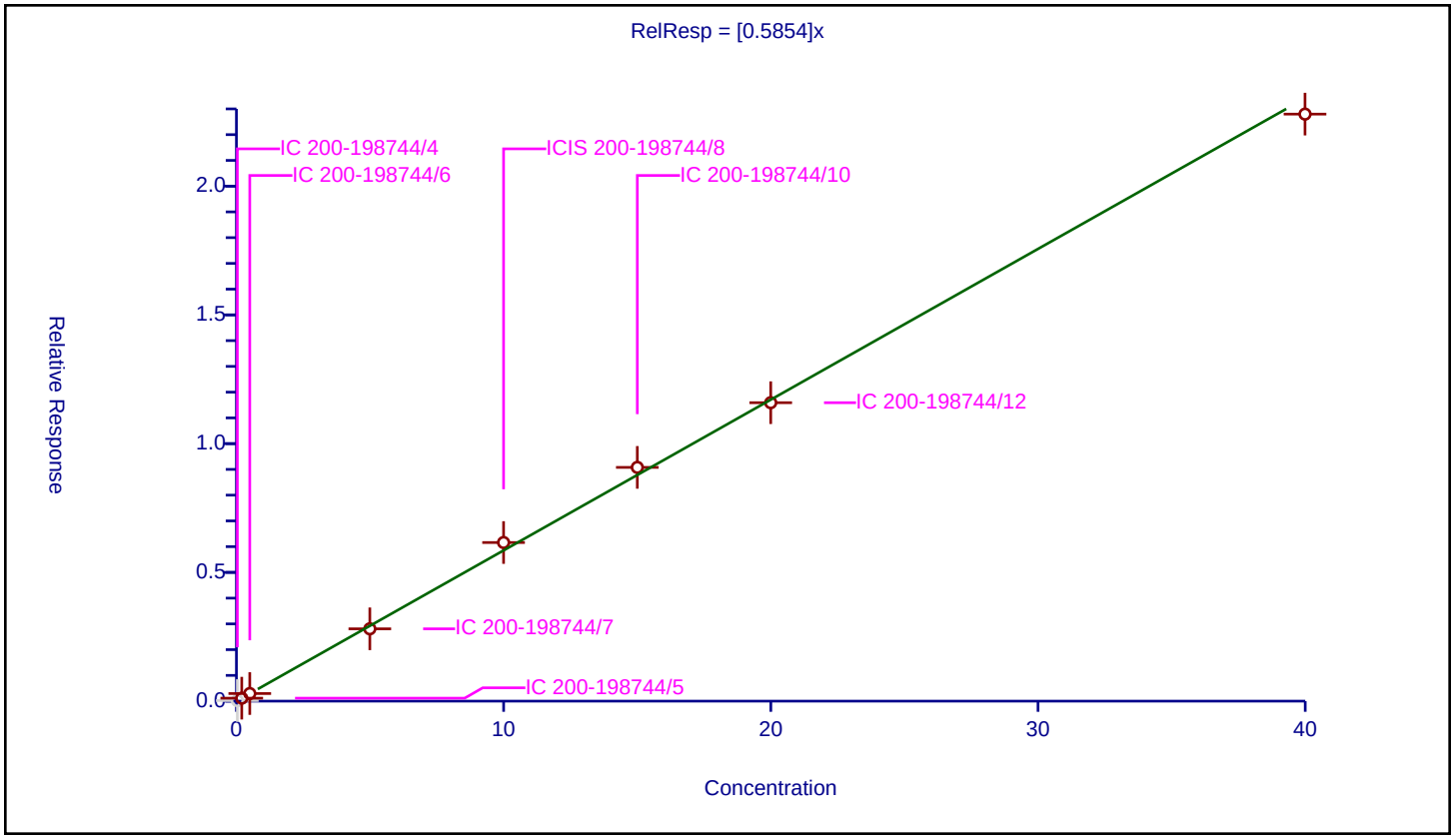
Curve Coefficients

Intercept:	0
Slope:	0.5854

Error Coefficients

Standard Error:	2510000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.022692	10.0	1799341.0	0.64691	N
2	IC 200-198744/5	0.20044	0.115243	10.0	1790650.0	0.574951	Y
3	IC 200-198744/6	0.500453	0.294991	10.0	1738561.0	0.589449	Y
4	IC 200-198744/7	4.992563	2.808851	10.0	1776171.0	0.562607	Y
5	ICIS 200-198744/8	9.99806	6.159492	10.0	1830784.0	0.616069	Y
6	IC 200-198744/10	15.003557	9.078203	10.0	2038464.0	0.60507	Y
7	IC 200-198744/12	19.99612	11.590533	10.0	2200476.0	0.579639	Y
8	IC 200-198744/13	39.99224	22.796826	10.0	2250930.0	0.570031	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

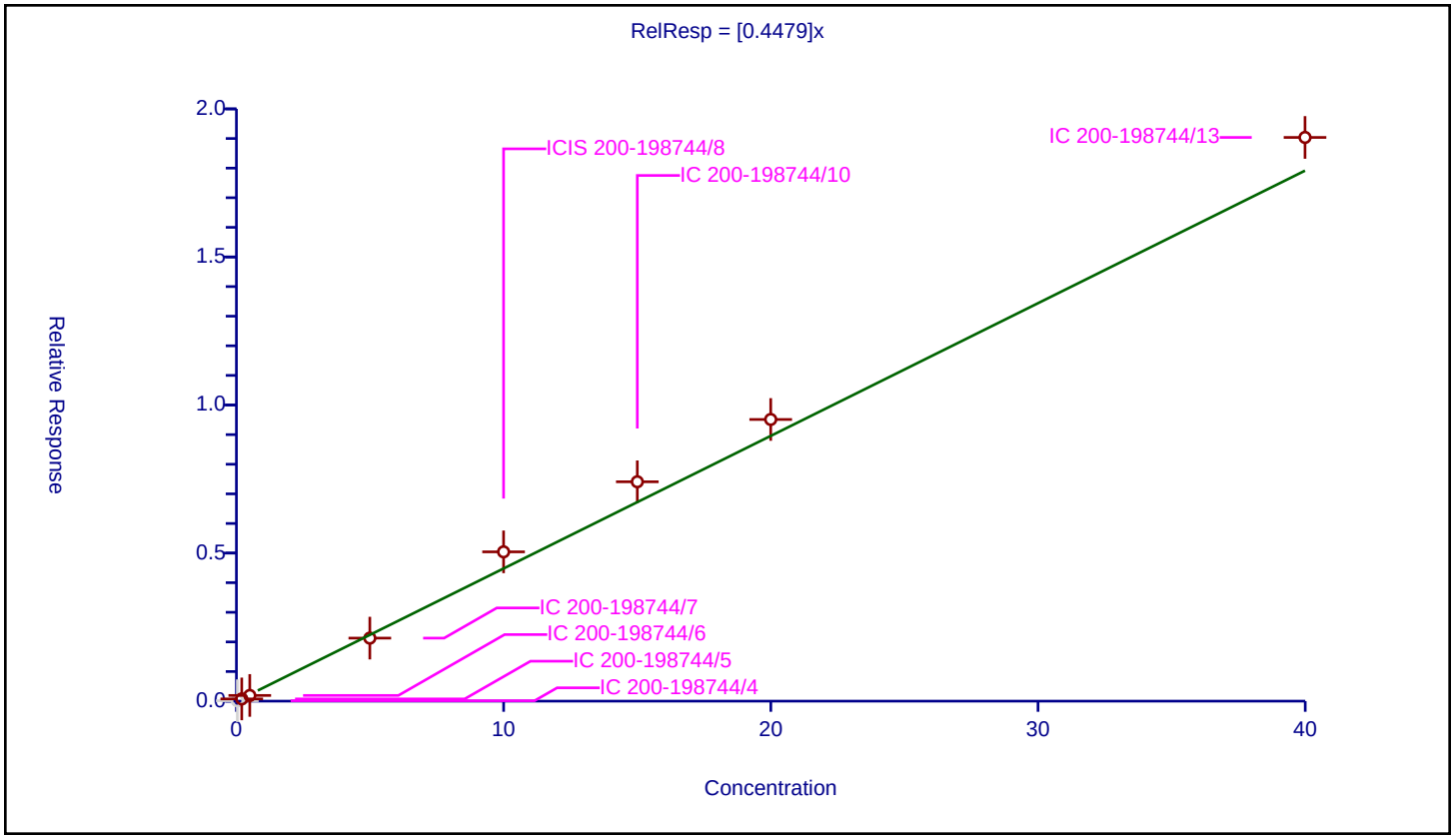
Curve Coefficients

Intercept:	0
Slope:	0.4479

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.013783	10.0	1799341.0	0.392931	N
2	IC 200-198744/5	0.20044	0.075503	10.0	1790650.0	0.376688	Y
3	IC 200-198744/6	0.500453	0.191612	10.0	1738561.0	0.382878	Y
4	IC 200-198744/7	4.992563	2.128258	10.0	1776171.0	0.426286	Y
5	ICIS 200-198744/8	9.99806	5.04184	10.0	1830784.0	0.504282	Y
6	IC 200-198744/10	15.003557	7.407833	10.0	2038464.0	0.493738	Y
7	IC 200-198744/12	19.99612	9.512024	10.0	2200476.0	0.475693	Y
8	IC 200-198744/13	39.99224	19.035714	10.0	2250930.0	0.475985	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

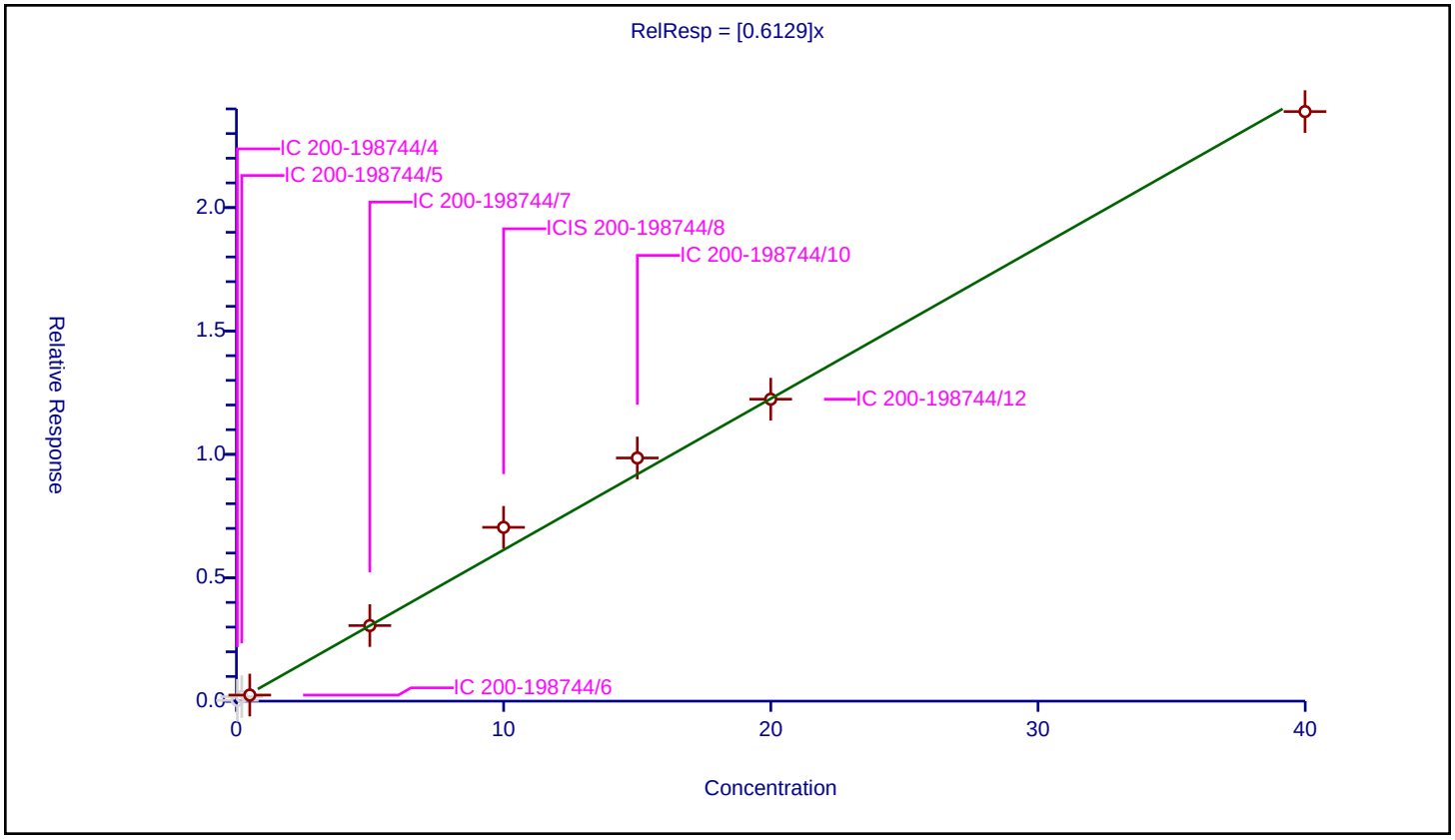
Curve Coefficients

Intercept:	0
Slope:	0.6129

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.030984	10.0	1799341.0	0.883303	N
2	IC 200-198744/5	0.20044	0.182174	10.0	1790650.0	0.908872	N
3	IC 200-198744/6	0.500453	0.247049	10.0	1738561.0	0.493651	Y
4	IC 200-198744/7	4.992563	3.062757	10.0	1776171.0	0.613464	Y
5	ICIS 200-198744/8	9.99806	7.043267	10.0	1830784.0	0.704463	Y
6	IC 200-198744/10	15.003557	9.853493	10.0	2038464.0	0.656744	Y
7	IC 200-198744/12	19.99612	12.236348	10.0	2200476.0	0.611936	Y
8	IC 200-198744/13	39.99224	23.891396	10.0	2250930.0	0.597401	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

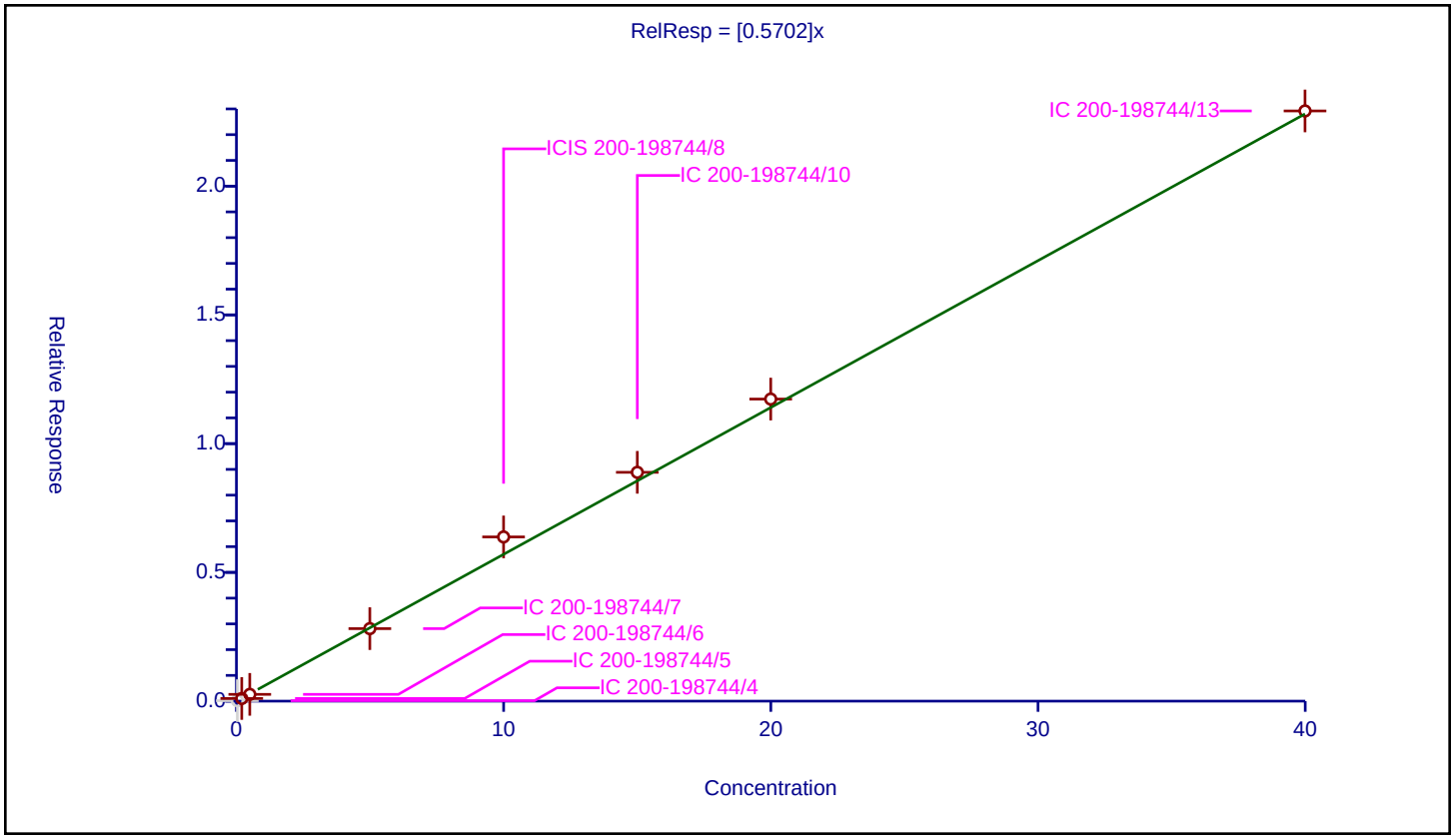
Curve Coefficients

Intercept:	0
Slope:	0.5702

Error Coefficients

Standard Error:	2300000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.018535	10.0	1575941.0	0.528409	N
2	IC 200-198744/5	0.20044	0.10266	10.0	1573634.0	0.512176	Y
3	IC 200-198744/6	0.500453	0.262938	10.0	1533556.0	0.5254	Y
4	IC 200-198744/7	4.992563	2.81604	10.0	1600496.0	0.564047	Y
5	ICIS 200-198744/8	9.99806	6.377183	10.0	1647690.0	0.637842	Y
6	IC 200-198744/10	15.003557	8.886675	10.0	1912747.0	0.592305	Y
7	IC 200-198744/12	19.99612	11.73057	10.0	2008125.0	0.586642	Y
8	IC 200-198744/13	39.99224	22.920669	10.0	2048421.0	0.573128	Y



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Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

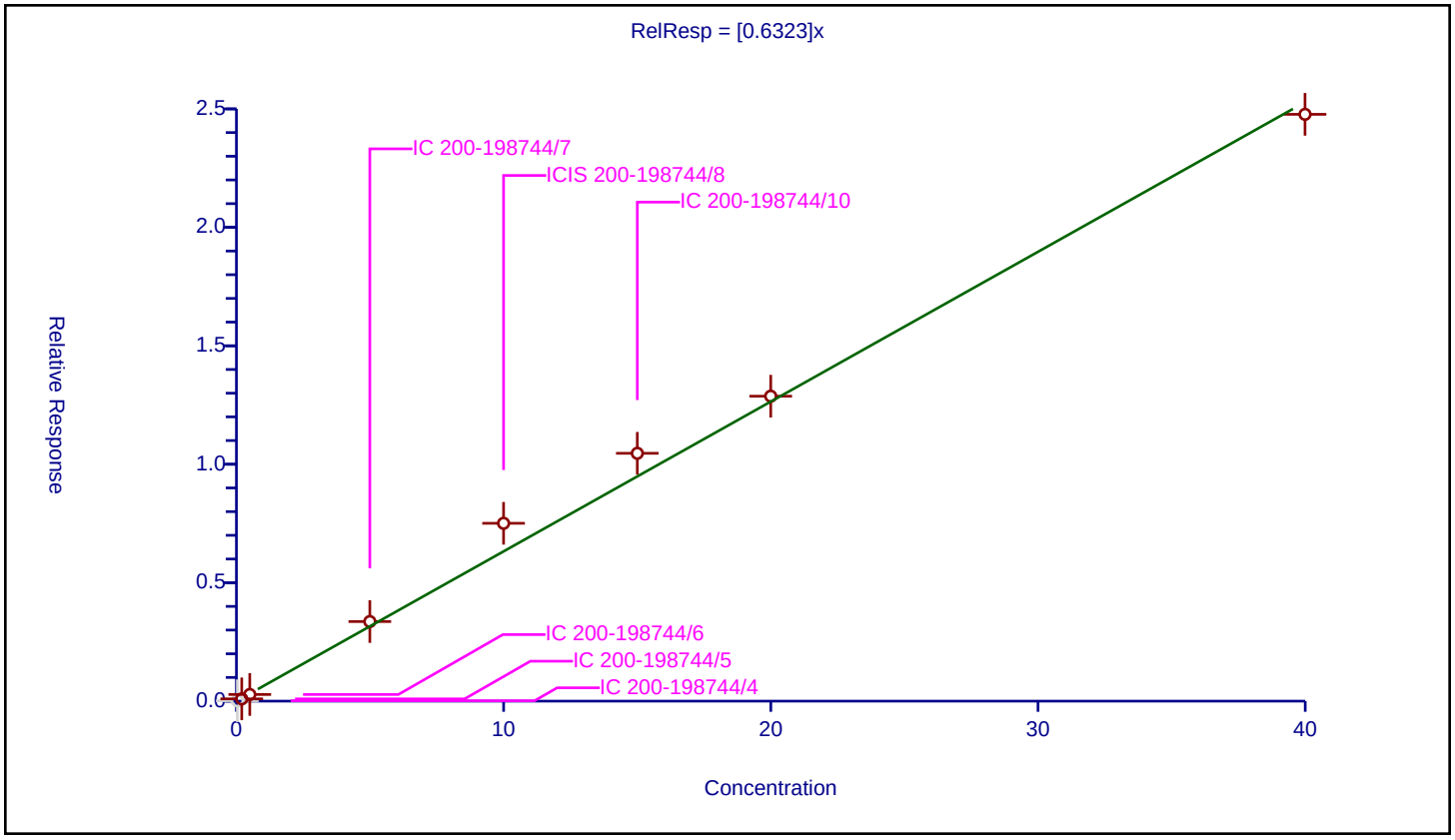
Curve Coefficients

Intercept:	0
Slope:	0.6323

Error Coefficients

Standard Error:	2770000
Relative Standard Error:	14.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.016773	10.0	1799341.0	0.478172	N
2	IC 200-198744/5	0.20044	0.09639	10.0	1790650.0	0.480891	Y
3	IC 200-198744/6	0.500453	0.280542	10.0	1738561.0	0.560577	Y
4	IC 200-198744/7	4.992563	3.359558	10.0	1776171.0	0.672913	Y
5	ICIS 200-198744/8	9.99806	7.507871	10.0	1830784.0	0.750933	Y
6	IC 200-198744/10	15.003557	10.462093	10.0	2038464.0	0.697308	Y
7	IC 200-198744/12	19.99612	12.872519	10.0	2200476.0	0.643751	Y
8	IC 200-198744/13	39.99224	24.770464	10.0	2250930.0	0.619382	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

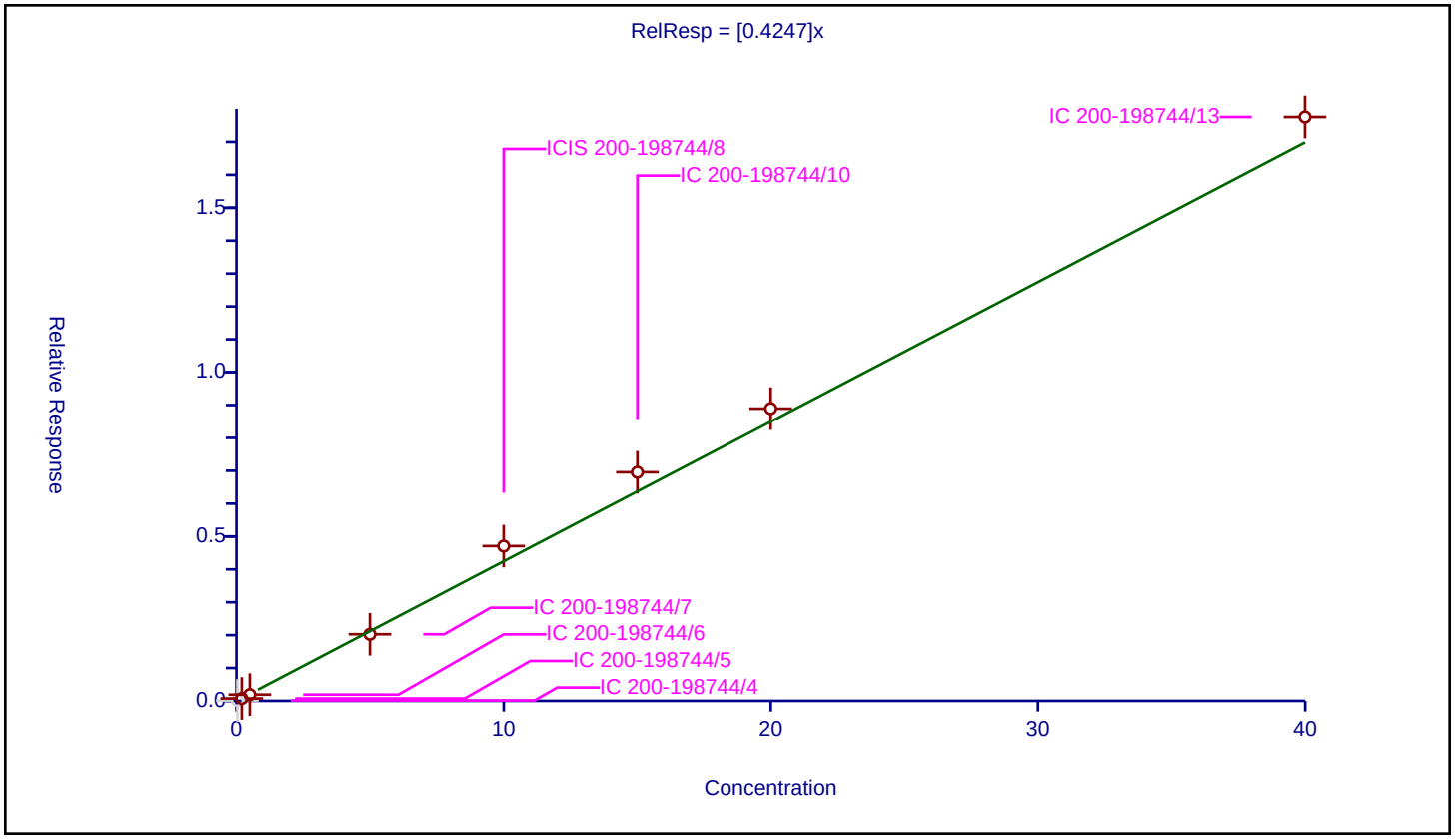
Curve Coefficients

Intercept:	0
Slope:	0.4247

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.012271	10.0	1799341.0	0.349835	N
2	IC 200-198744/5	0.20044	0.07313	10.0	1790650.0	0.364847	Y
3	IC 200-198744/6	0.500453	0.189766	10.0	1738561.0	0.379189	Y
4	IC 200-198744/7	4.992563	2.026579	10.0	1776171.0	0.405919	Y
5	ICIS 200-198744/8	9.99806	4.70812	10.0	1830784.0	0.470903	Y
6	IC 200-198744/10	15.003557	6.953922	10.0	2038464.0	0.463485	Y
7	IC 200-198744/12	19.99612	8.891558	10.0	2200476.0	0.444664	Y
8	IC 200-198744/13	39.99224	17.756412	10.0	2250930.0	0.443996	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

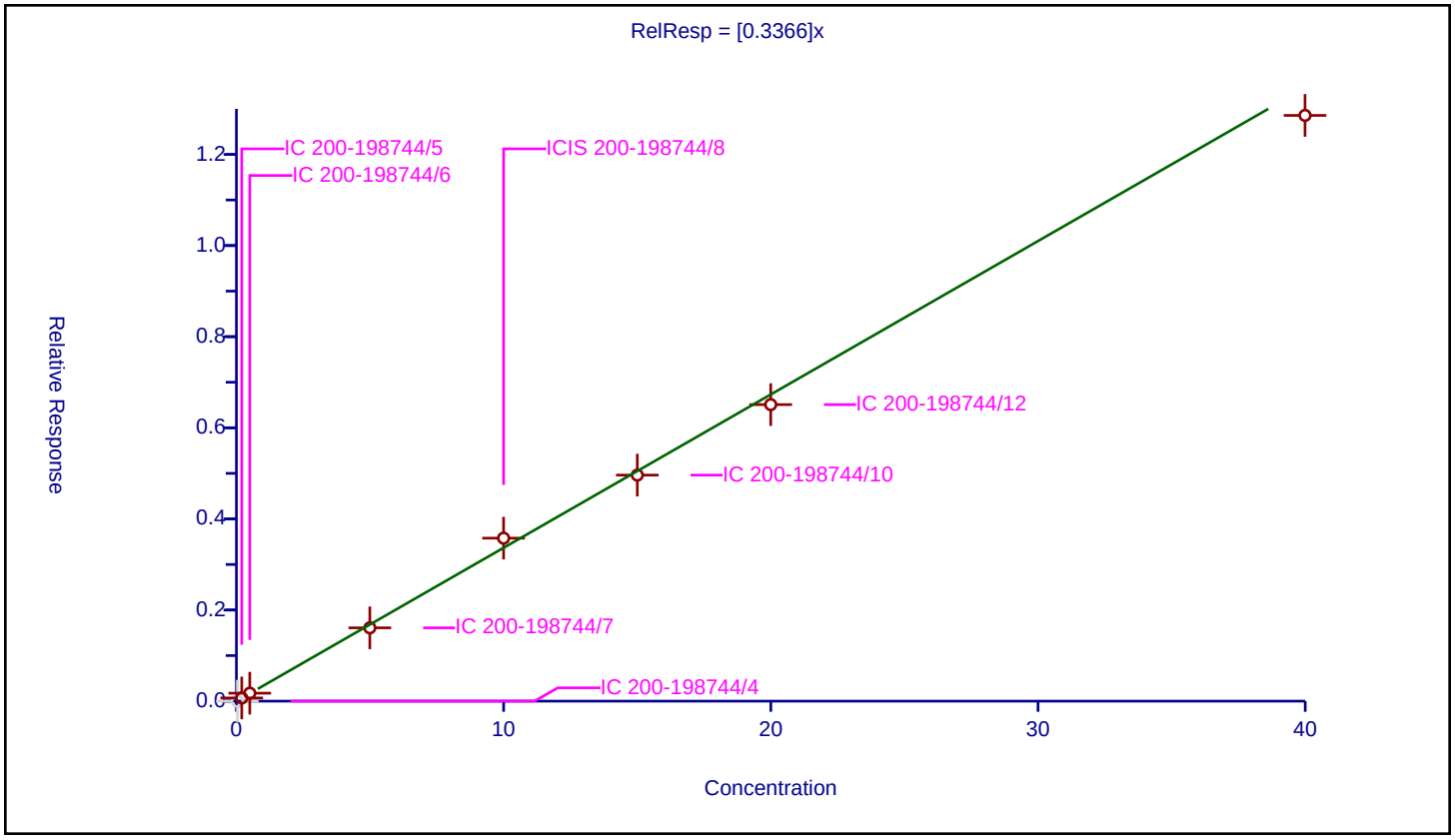
Curve Coefficients

Intercept:	0
Slope:	0.3366

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.0	10.0	1575941.0	0.0	N
2	IC 200-198744/5	0.20044	0.070042	10.0	1573634.0	0.34944	Y
3	IC 200-198744/6	0.500453	0.174751	10.0	1533556.0	0.349185	Y
4	IC 200-198744/7	4.992563	1.608901	10.0	1600496.0	0.32226	Y
5	ICIS 200-198744/8	9.99806	3.577827	10.0	1647690.0	0.357852	Y
6	IC 200-198744/10	15.003557	4.961158	10.0	1912747.0	0.330665	Y
7	IC 200-198744/12	19.99612	6.509137	10.0	2008125.0	0.32552	Y
8	IC 200-198744/13	39.99224	12.856937	10.0	2048421.0	0.321486	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

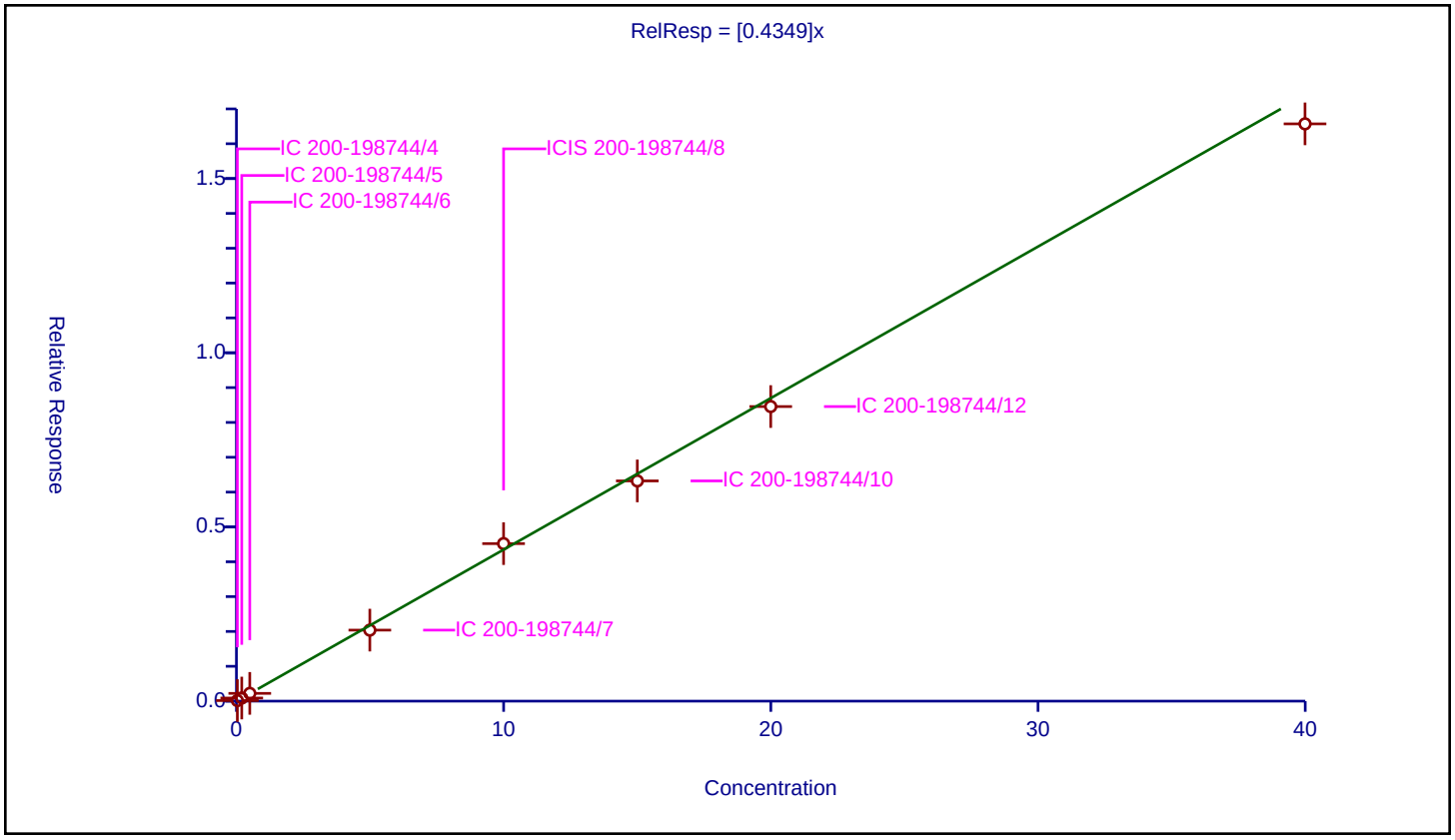
Curve Coefficients

Intercept:	0
Slope:	0.4349

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.016454	10.0	1575941.0	0.469073	Y
2	IC 200-198744/5	0.20044	0.089373	10.0	1573634.0	0.445884	Y
3	IC 200-198744/6	0.500453	0.22275	10.0	1533556.0	0.445098	Y
4	IC 200-198744/7	4.992563	2.03888	10.0	1600496.0	0.408384	Y
5	ICIS 200-198744/8	9.99806	4.521979	10.0	1647690.0	0.452286	Y
6	IC 200-198744/10	15.003557	6.32127	10.0	1912747.0	0.421318	Y
7	IC 200-198744/12	19.99612	8.455913	10.0	2008125.0	0.422878	Y
8	IC 200-198744/13	39.99224	16.570417	10.0	2048421.0	0.414341	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

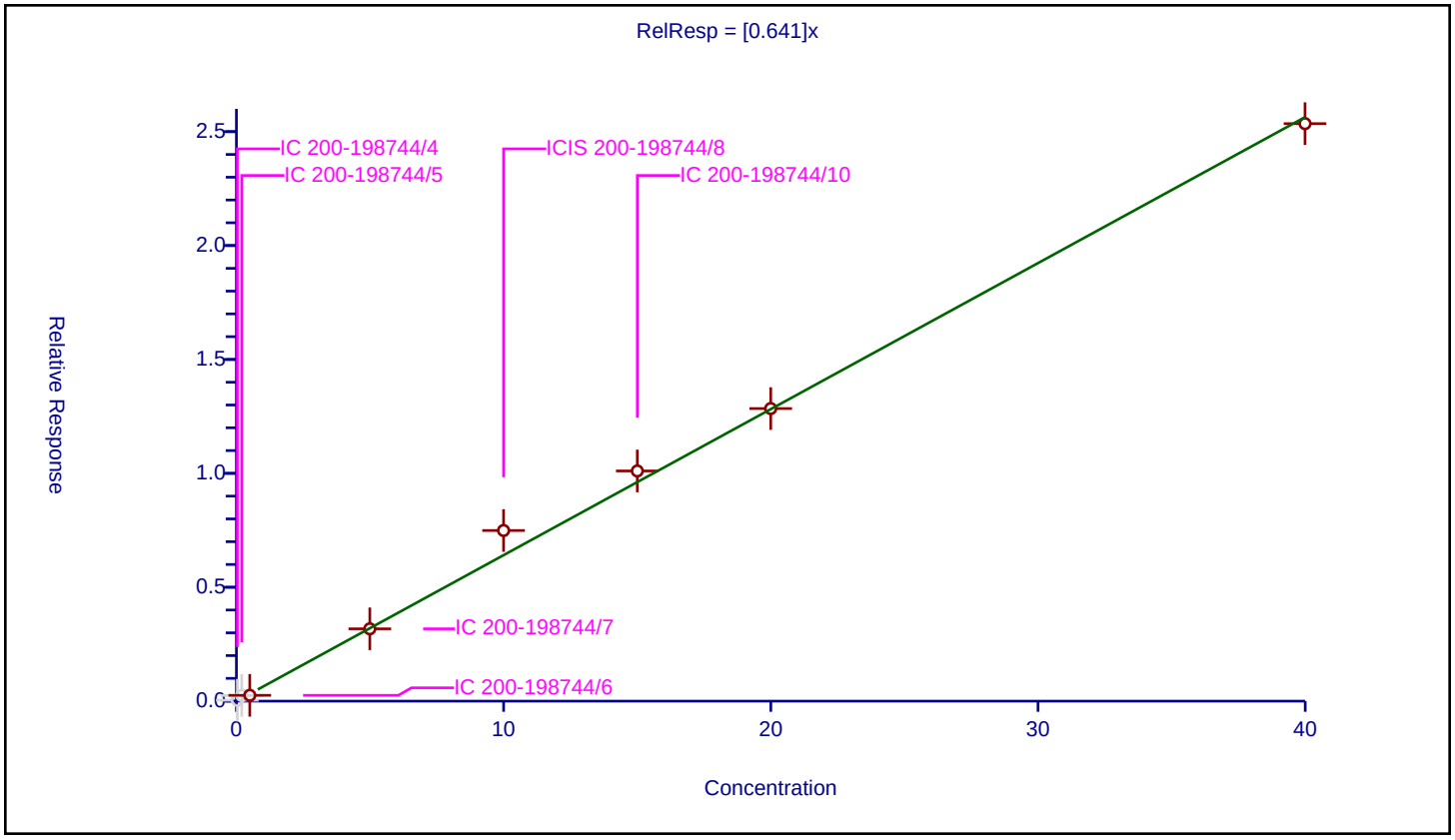
Curve Coefficients

Intercept:	0
Slope:	0.641

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.039748	10.0	1575941.0	1.133157	N
2	IC 200-198744/5	0.20044	0.248234	10.0	1573634.0	1.238449	N
3	IC 200-198744/6	0.500453	0.255759	10.0	1533556.0	0.511054	Y
4	IC 200-198744/7	4.992563	3.175072	10.0	1600496.0	0.63596	Y
5	ICIS 200-198744/8	9.99806	7.491069	10.0	1647690.0	0.749252	Y
6	IC 200-198744/10	15.003557	10.105273	10.0	1912747.0	0.673525	Y
7	IC 200-198744/12	19.99612	12.844634	10.0	2008125.0	0.642356	Y
8	IC 200-198744/13	39.99224	25.352352	10.0	2048421.0	0.633932	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

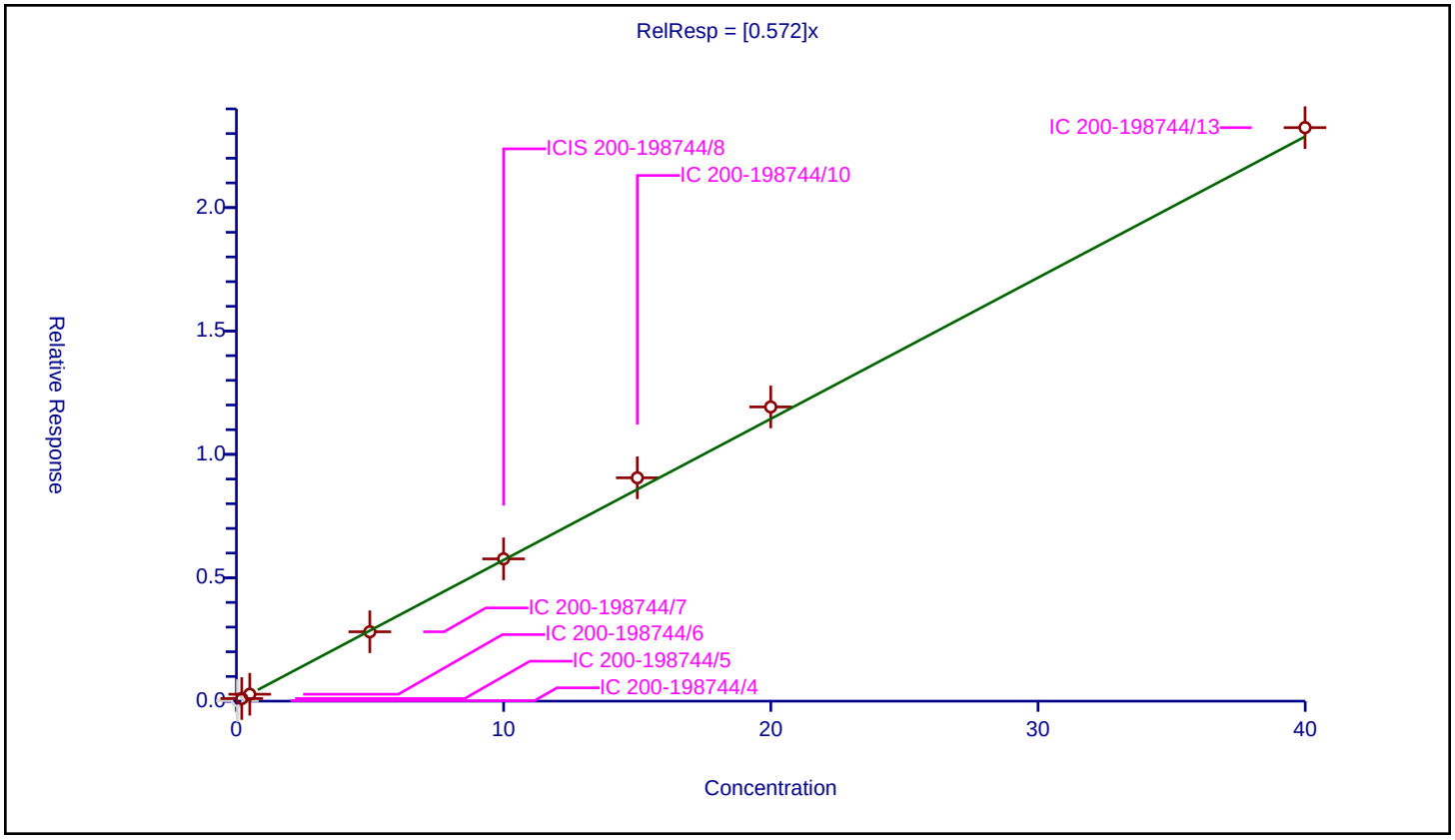
Curve Coefficients

Intercept:	0
Slope:	0.572

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.019899	10.0	1575941.0	0.567302	N
2	IC 200-198744/5	0.20044	0.105113	10.0	1573634.0	0.524414	Y
3	IC 200-198744/6	0.500453	0.279944	10.0	1533556.0	0.559382	Y
4	IC 200-198744/7	4.992563	2.810891	10.0	1600496.0	0.563016	Y
5	ICIS 200-198744/8	9.99806	5.765514	10.0	1647690.0	0.576663	Y
6	IC 200-198744/10	15.003557	9.050789	10.0	1912747.0	0.603243	Y
7	IC 200-198744/12	19.99612	11.922465	10.0	2008125.0	0.596239	Y
8	IC 200-198744/13	39.99224	23.240237	10.0	2048421.0	0.581119	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

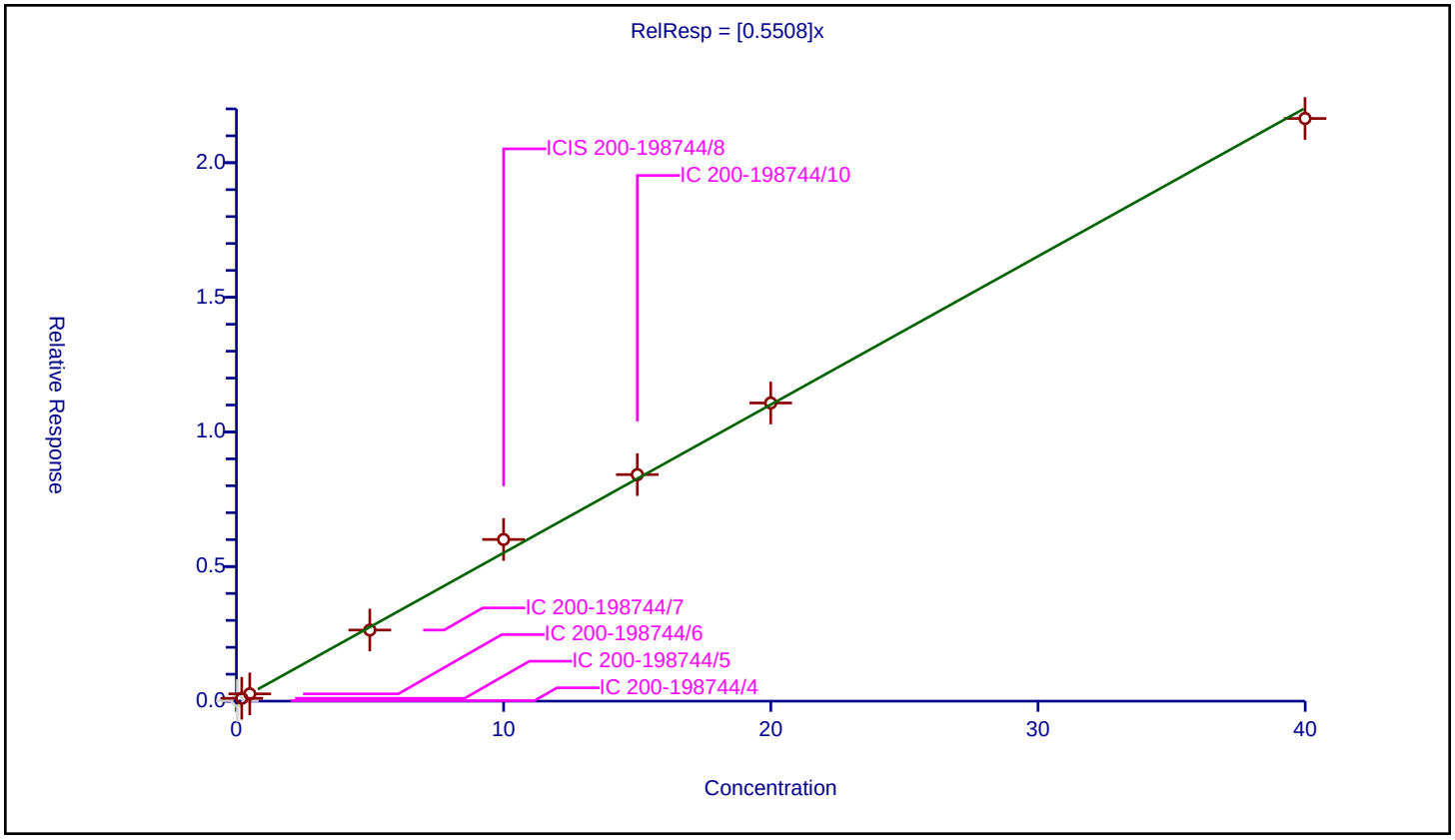
Curve Coefficients

Intercept:	0
Slope:	0.5508

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.018605	10.0	1575941.0	0.530399	N
2	IC 200-198744/5	0.20044	0.106035	10.0	1573634.0	0.529011	Y
3	IC 200-198744/6	0.500453	0.270782	10.0	1533556.0	0.541075	Y
4	IC 200-198744/7	4.992563	2.641081	10.0	1600496.0	0.529003	Y
5	ICIS 200-198744/8	9.99806	6.004503	10.0	1647690.0	0.600567	Y
6	IC 200-198744/10	15.003557	8.414965	10.0	1912747.0	0.560865	Y
7	IC 200-198744/12	19.99612	11.075371	10.0	2008125.0	0.553876	Y
8	IC 200-198744/13	39.99224	21.644032	10.0	2048421.0	0.541206	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

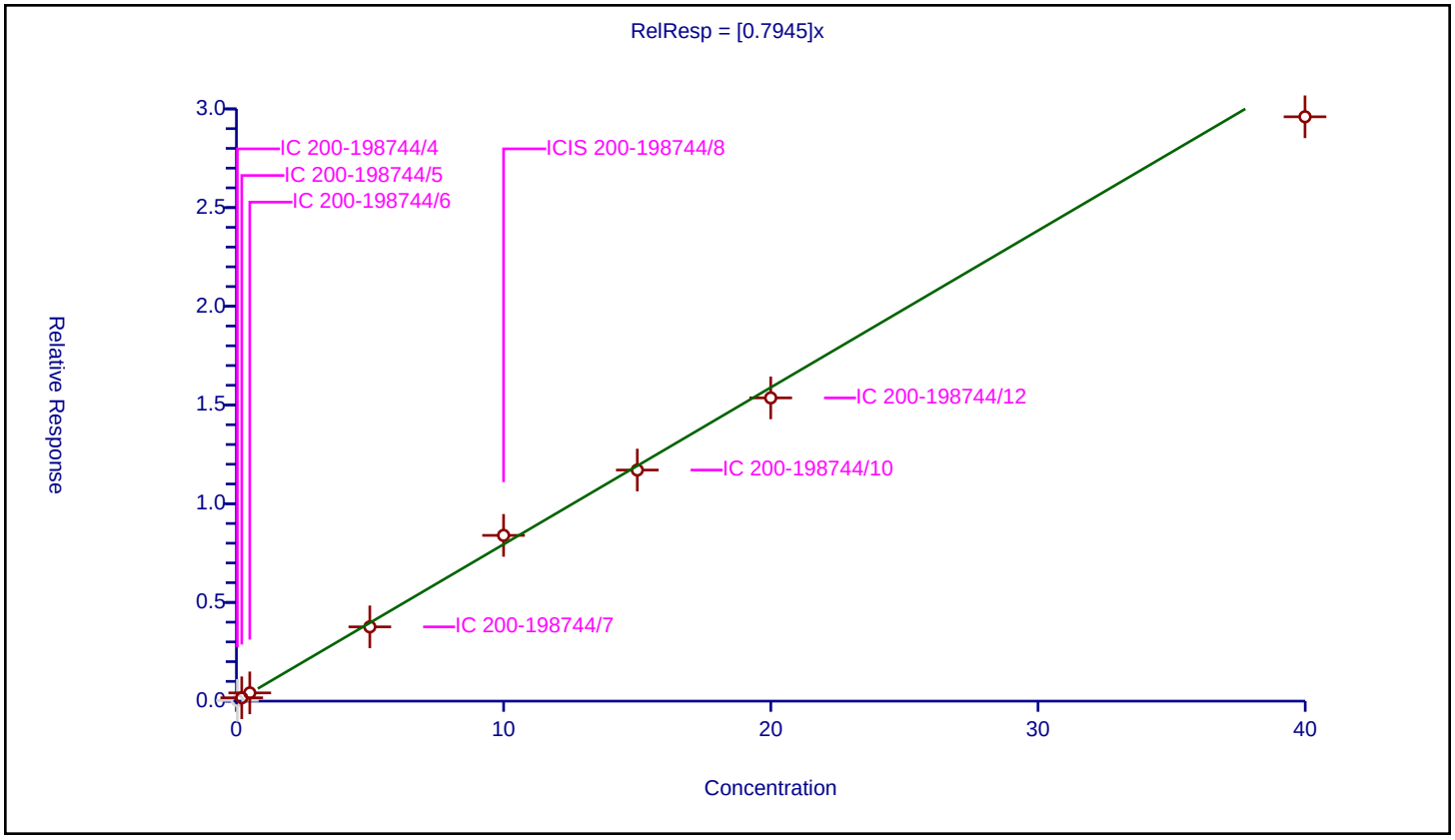
Curve Coefficients

Intercept:	0
Slope:	0.7945

Error Coefficients

Standard Error:	2990000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.035033	10.0	1575941.0	0.998748	N
2	IC 200-198744/5	0.20044	0.169703	10.0	1573634.0	0.846652	Y
3	IC 200-198744/6	0.500453	0.416933	10.0	1533556.0	0.833112	Y
4	IC 200-198744/7	4.992563	3.762215	10.0	1600496.0	0.753564	Y
5	ICIS 200-198744/8	9.99806	8.396925	10.0	1647690.0	0.839855	Y
6	IC 200-198744/10	15.003557	11.705563	10.0	1912747.0	0.780186	Y
7	IC 200-198744/12	19.99612	15.360508	10.0	2008125.0	0.768174	Y
8	IC 200-198744/13	39.99224	29.600492	10.0	2048421.0	0.740156	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

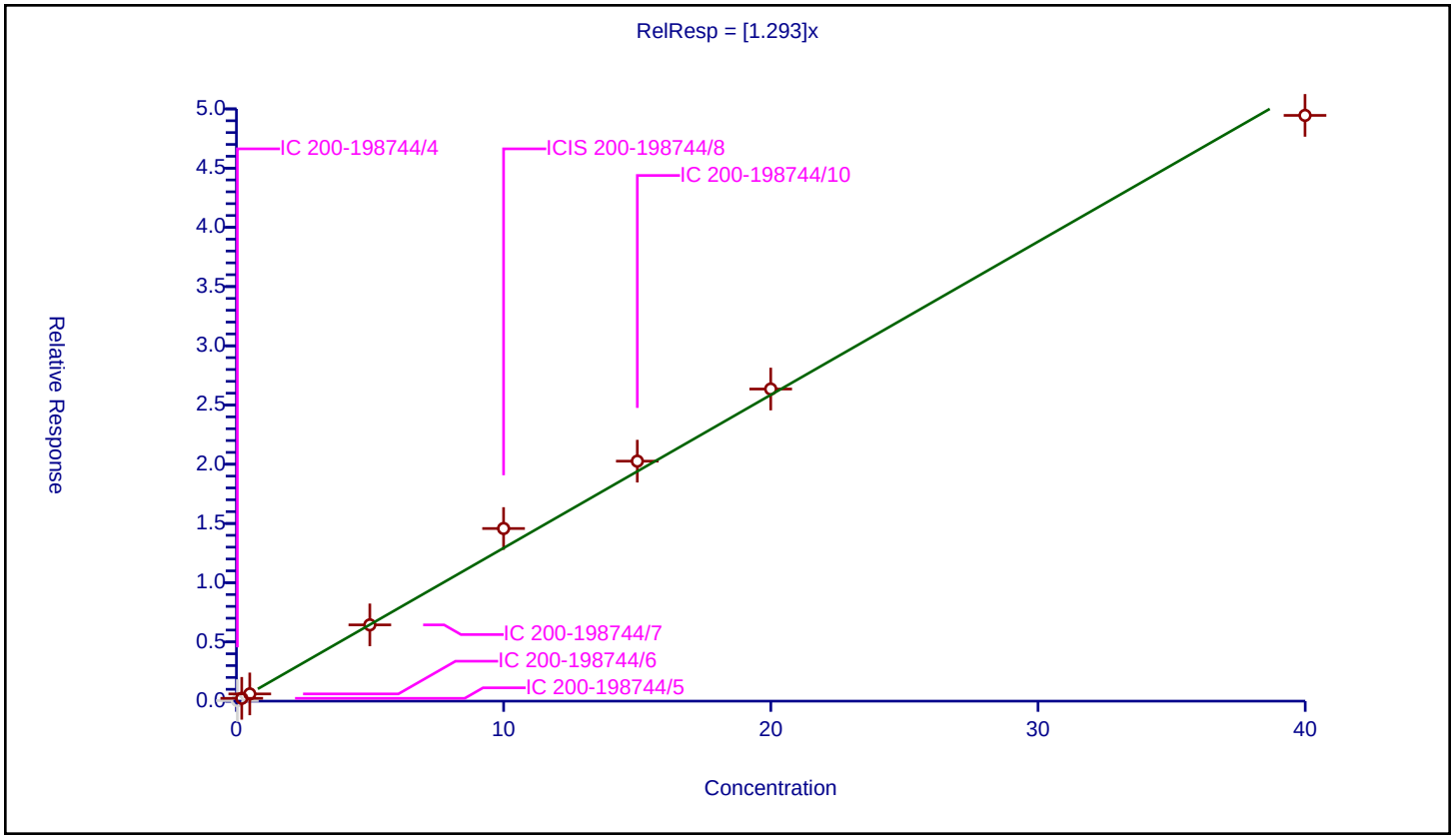
Curve Coefficients

Intercept:	0
Slope:	1.293

Error Coefficients

Standard Error:	5040000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.046144	10.0	1575941.0	1.315504	N
2	IC 200-198744/5	0.20044	0.236523	10.0	1573634.0	1.180019	Y
3	IC 200-198744/6	0.500453	0.609538	10.0	1533556.0	1.217973	Y
4	IC 200-198744/7	4.992563	6.438723	10.0	1600496.0	1.289663	Y
5	ICIS 200-198744/8	9.99806	14.575011	10.0	1647690.0	1.457784	Y
6	IC 200-198744/10	15.003557	20.261247	10.0	1912747.0	1.35043	Y
7	IC 200-198744/12	19.99612	26.349376	10.0	2008125.0	1.317724	Y
8	IC 200-198744/13	39.99224	49.452305	10.0	2048421.0	1.236548	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

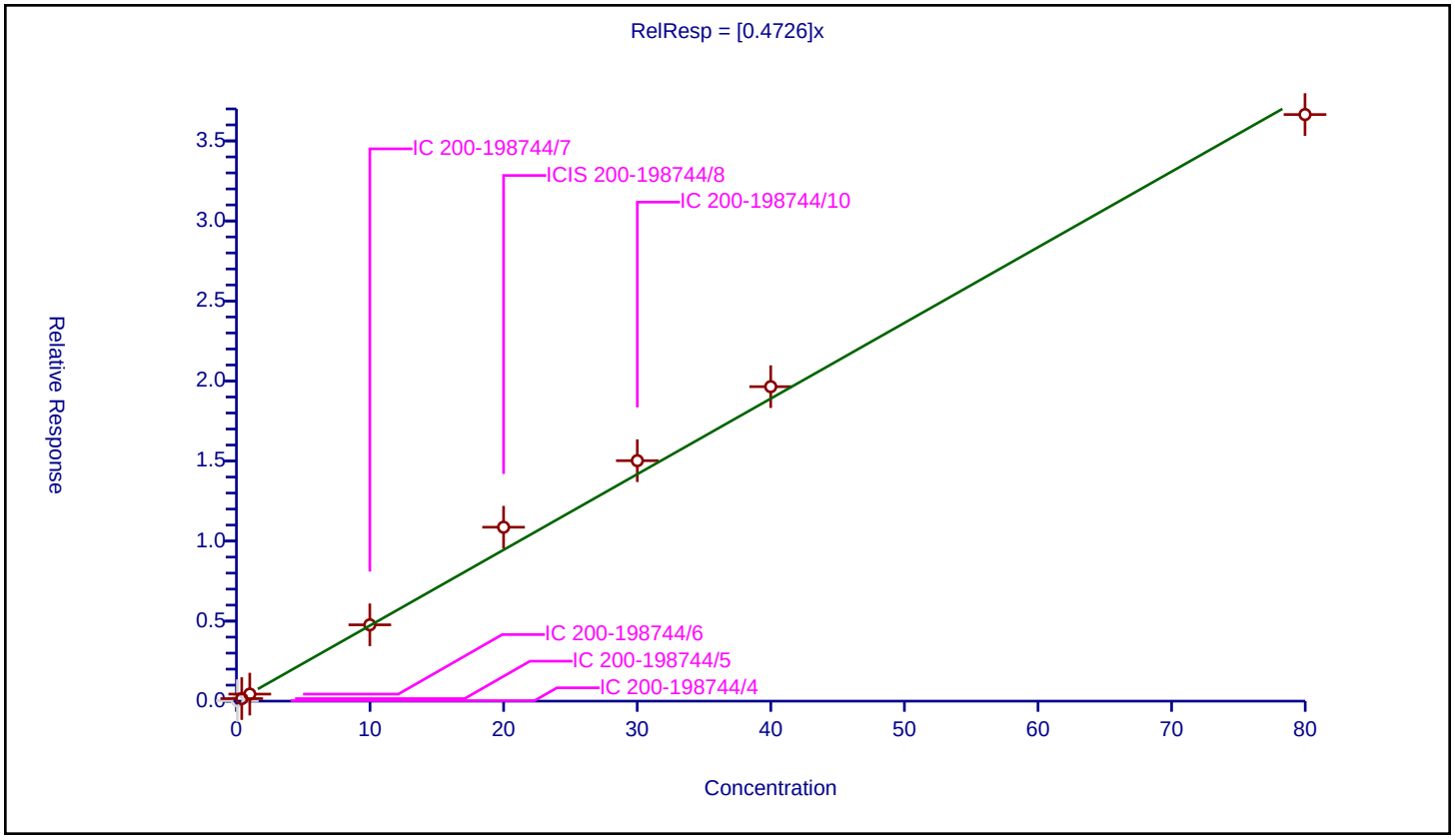
Curve Coefficients

Intercept:	0
Slope:	0.4726

Error Coefficients

Standard Error:	3740000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.070154	0.029392	10.0	1575941.0	0.418964	N
2	IC 200-198744/5	0.400879	0.159345	10.0	1573634.0	0.397488	Y
3	IC 200-198744/6	1.000905	0.440199	10.0	1533556.0	0.439801	Y
4	IC 200-198744/7	9.985126	4.767491	10.0	1600496.0	0.477459	Y
5	ICIS 200-198744/8	19.99612	10.865575	10.0	1647690.0	0.543384	Y
6	IC 200-198744/10	30.007114	15.022295	10.0	1912747.0	0.500624	Y
7	IC 200-198744/12	39.99224	19.646317	10.0	2008125.0	0.491253	Y
8	IC 200-198744/13	79.984479	36.646598	10.0	2048421.0	0.458171	Y



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Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

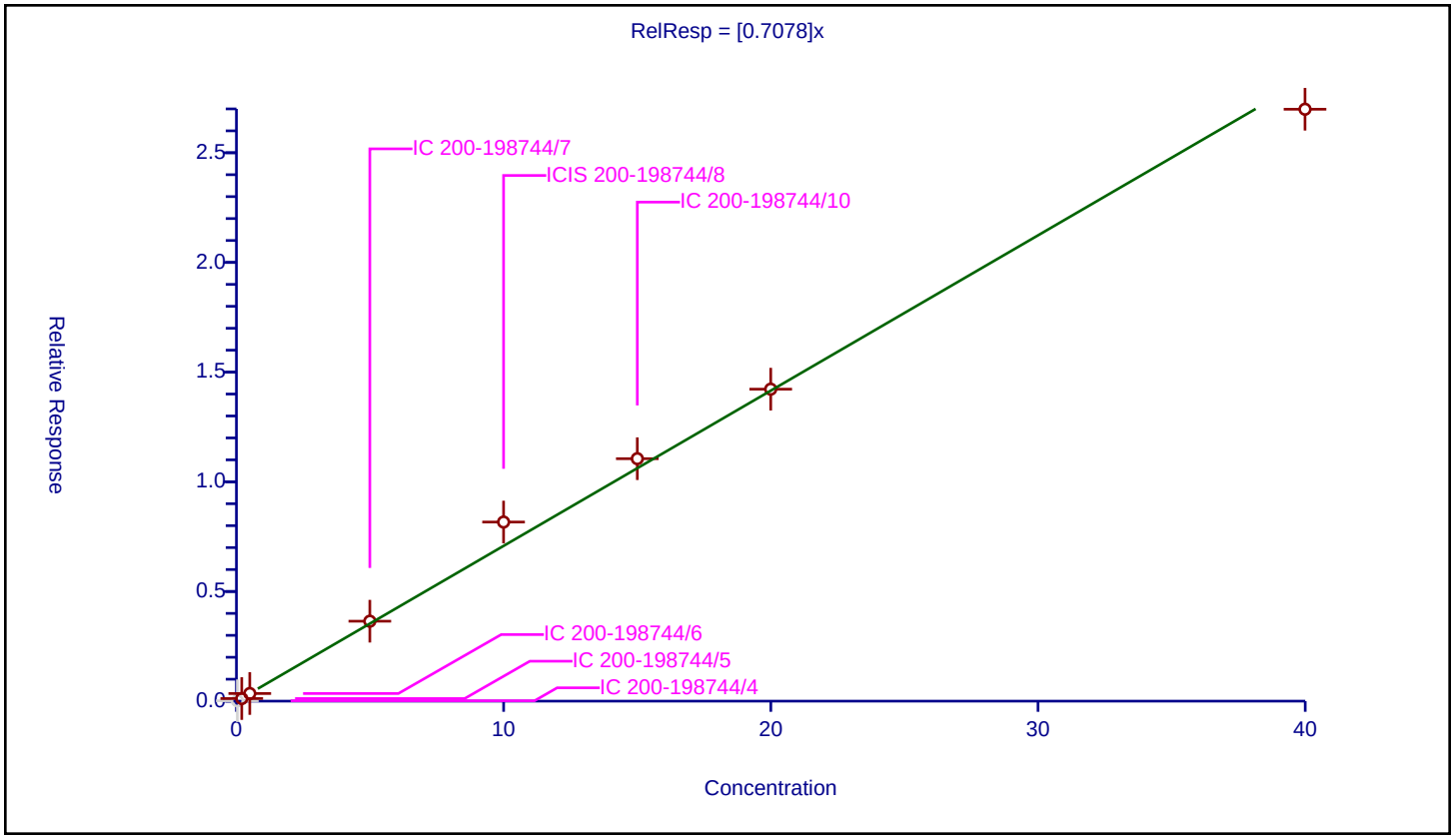
Curve Coefficients

Intercept:	0
Slope:	0.7078

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.017697	10.0	1575941.0	0.50453	N
2	IC 200-198744/5	0.20044	0.11849	10.0	1573634.0	0.591151	Y
3	IC 200-198744/6	0.500453	0.34746	10.0	1533556.0	0.694292	Y
4	IC 200-198744/7	4.992563	3.64432	10.0	1600496.0	0.72995	Y
5	ICIS 200-198744/8	9.99806	8.165359	10.0	1647690.0	0.816694	Y
6	IC 200-198744/10	15.003557	11.053119	10.0	1912747.0	0.7367	Y
7	IC 200-198744/12	19.99612	14.222665	10.0	2008125.0	0.711271	Y
8	IC 200-198744/13	39.99224	26.984809	10.0	2048421.0	0.674751	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

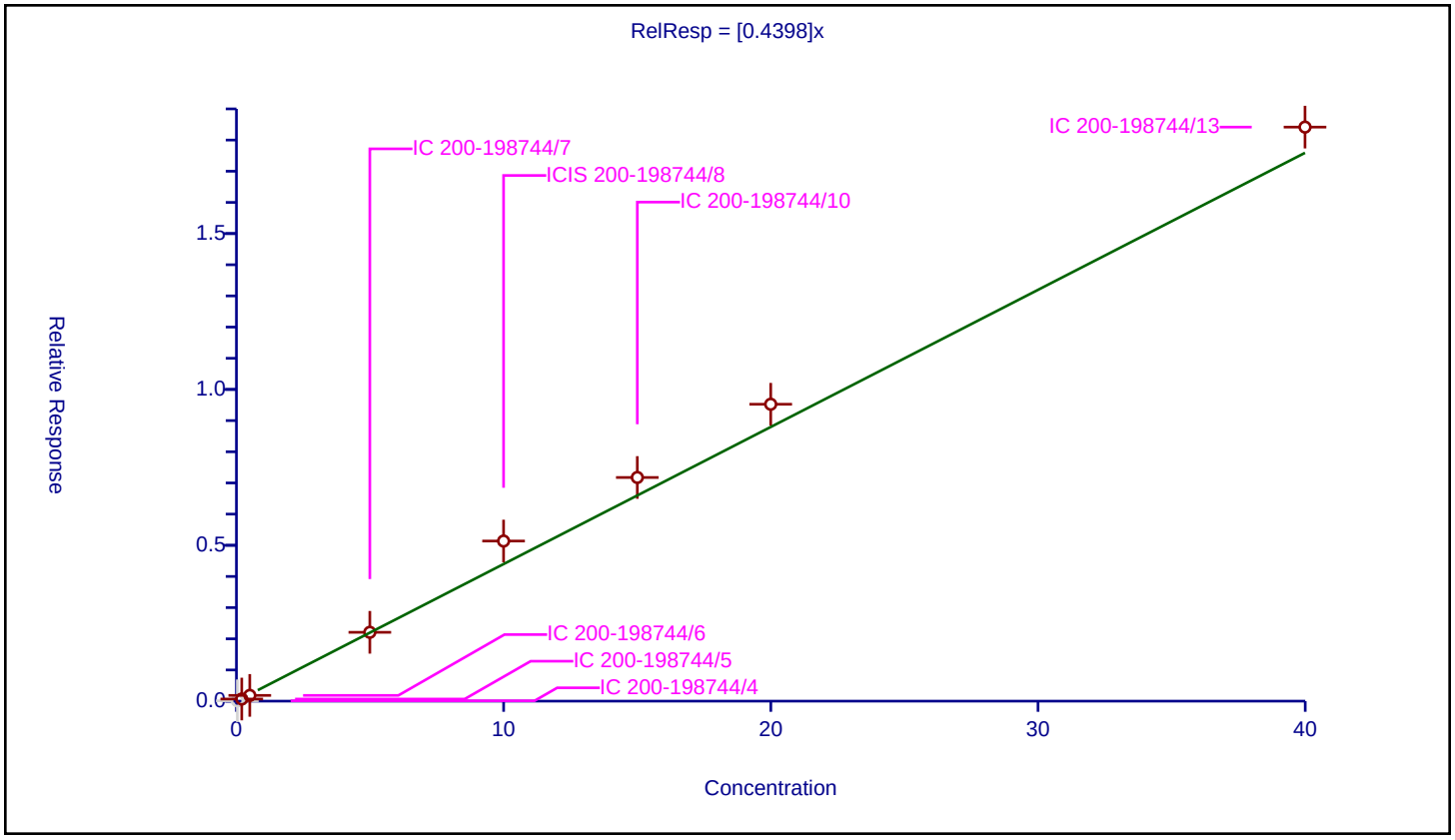
Curve Coefficients

Intercept:	0
Slope:	0.4398

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.011771	10.0	1575941.0	0.335569	N
2	IC 200-198744/5	0.20044	0.068078	10.0	1573634.0	0.339644	Y
3	IC 200-198744/6	0.500453	0.18418	10.0	1533556.0	0.368026	Y
4	IC 200-198744/7	4.992563	2.20839	10.0	1600496.0	0.442336	Y
5	ICIS 200-198744/8	9.99806	5.136221	10.0	1647690.0	0.513722	Y
6	IC 200-198744/10	15.003557	7.175377	10.0	1912747.0	0.478245	Y
7	IC 200-198744/12	19.99612	9.52502	10.0	2008125.0	0.476343	Y
8	IC 200-198744/13	39.99224	18.415897	10.0	2048421.0	0.460487	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

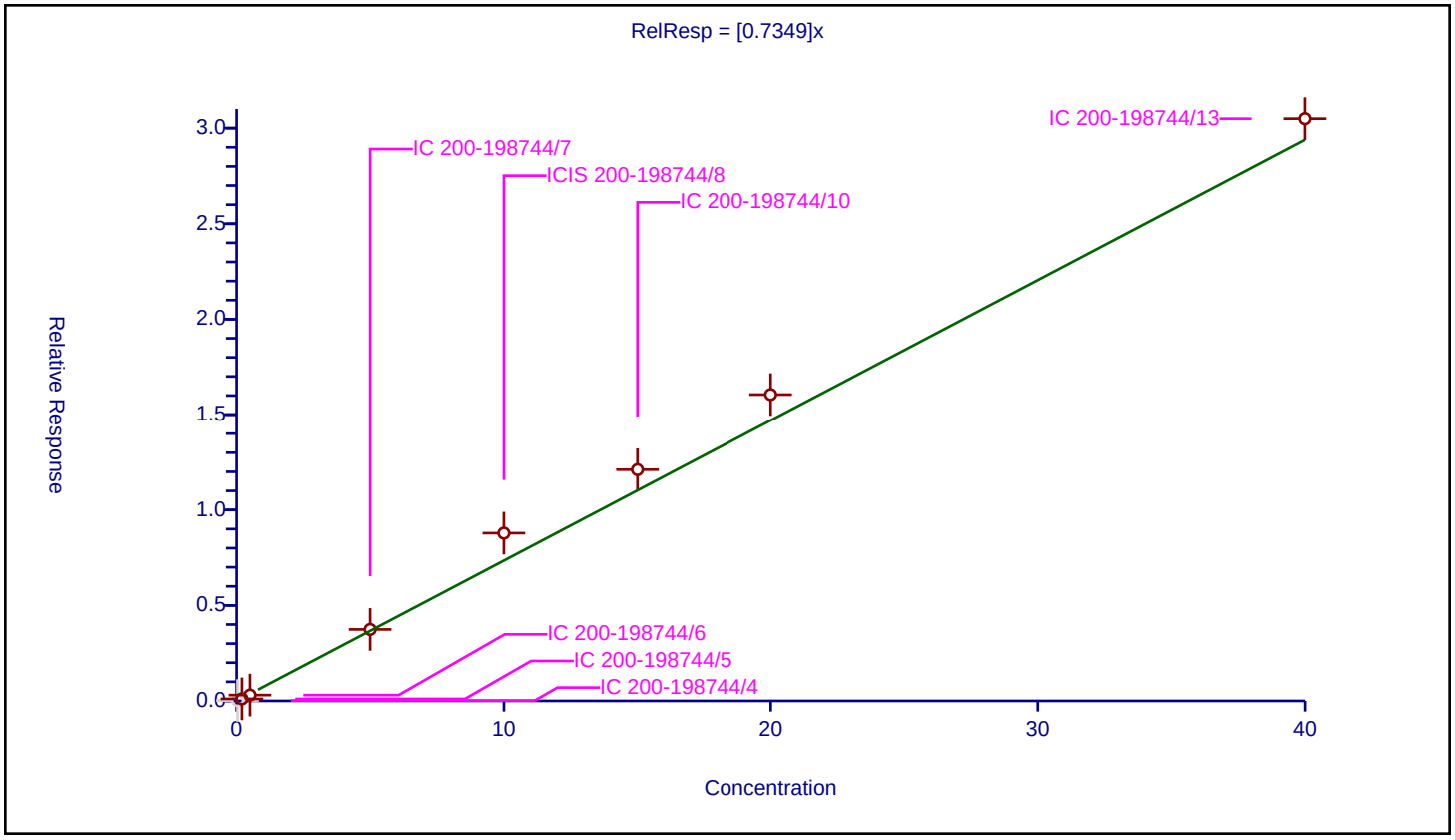
Curve Coefficients

Intercept:	0
Slope:	0.7349

Error Coefficients

Standard Error:	3090000
Relative Standard Error:	16.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.018636	10.0	1575941.0	0.531303	N
2	IC 200-198744/5	0.20044	0.106975	10.0	1573634.0	0.533703	Y
3	IC 200-198744/6	0.500453	0.305127	10.0	1533556.0	0.609703	Y
4	IC 200-198744/7	4.992563	3.742171	10.0	1600496.0	0.749549	Y
5	ICIS 200-198744/8	9.99806	8.785967	10.0	1647690.0	0.878767	Y
6	IC 200-198744/10	15.003557	12.112898	10.0	1912747.0	0.807335	Y
7	IC 200-198744/12	19.99612	16.050096	10.0	2008125.0	0.802661	Y
8	IC 200-198744/13	39.99224	30.495469	10.0	2048421.0	0.762535	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

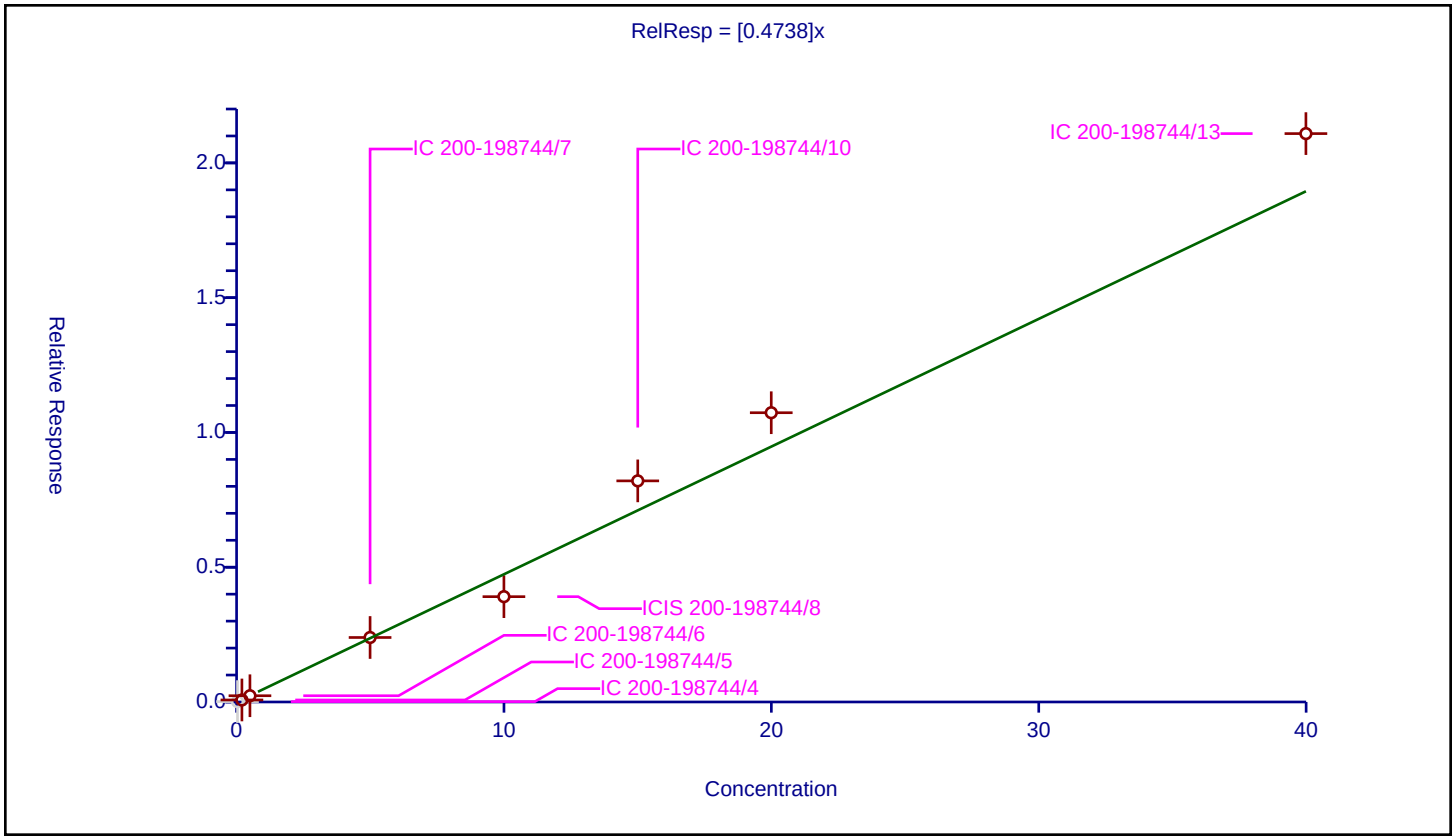
Curve Coefficients

Intercept:	0
Slope:	0.4738

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	14.8
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.013947	10.0	1575941.0	0.397618	N
2	IC 200-198744/5	0.20044	0.074382	10.0	1573634.0	0.371094	Y
3	IC 200-198744/6	0.500453	0.232421	10.0	1533556.0	0.464421	Y
4	IC 200-198744/7	4.992563	2.392433	10.0	1600496.0	0.479199	Y
5	ICIS 200-198744/8	9.99806	3.907901	10.0	1647690.0	0.390866	Y
6	IC 200-198744/10	15.003557	8.203338	10.0	1912747.0	0.54676	Y
7	IC 200-198744/12	19.99612	10.731907	10.0	2008125.0	0.536699	Y
8	IC 200-198744/13	39.99224	21.087716	10.0	2048421.0	0.527295	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

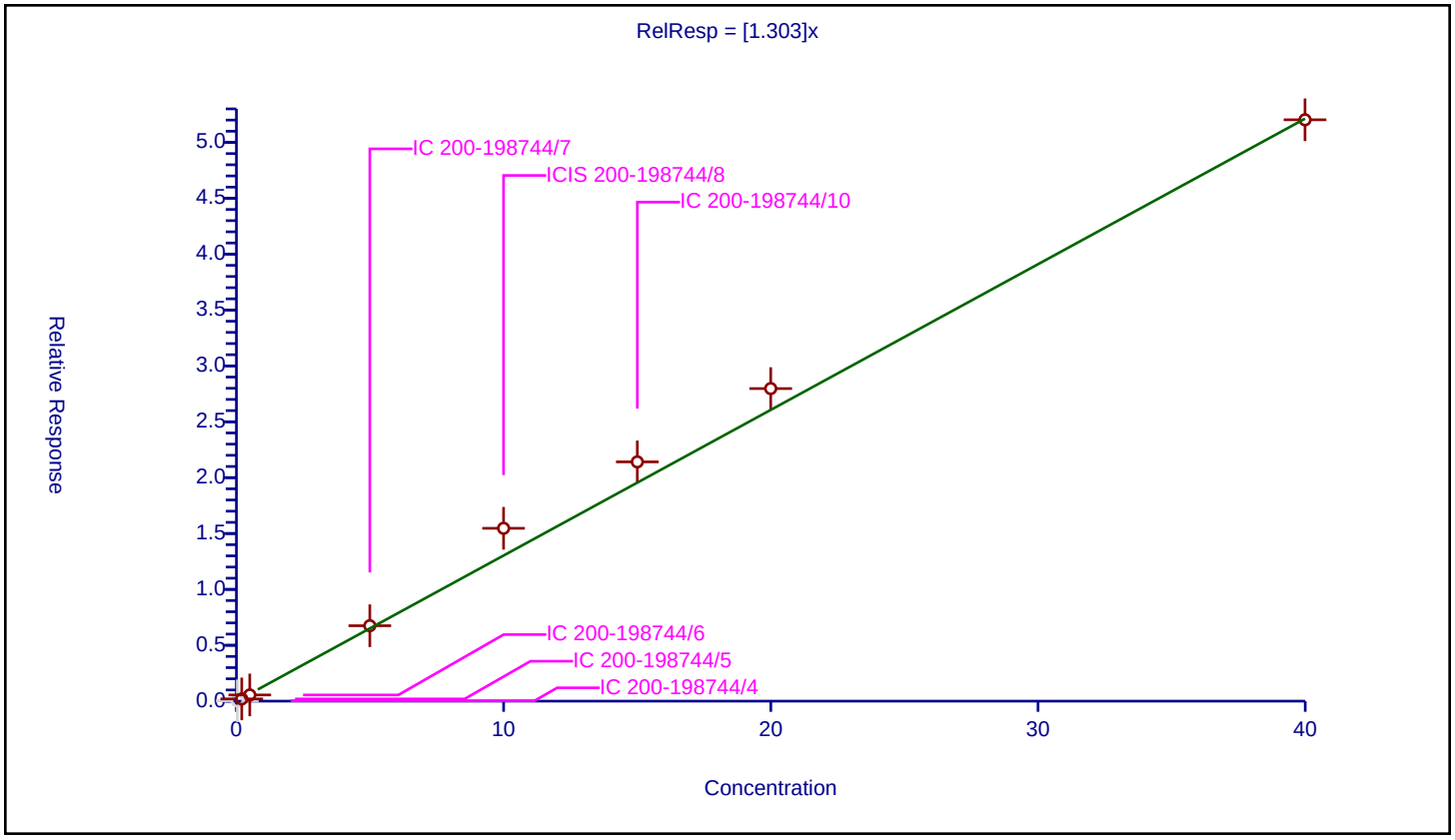
Curve Coefficients

Intercept:	0
Slope:	1.303

Error Coefficients

Standard Error:	5320000
Relative Standard Error:	14.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.035071	10.0	1575941.0	0.999834	N
2	IC 200-198744/5	0.20044	0.198261	10.0	1573634.0	0.98913	Y
3	IC 200-198744/6	0.500453	0.554737	10.0	1533556.0	1.10847	Y
4	IC 200-198744/7	4.992563	6.748439	10.0	1600496.0	1.351698	Y
5	ICIS 200-198744/8	9.99806	15.468256	10.0	1647690.0	1.547126	Y
6	IC 200-198744/10	15.003557	21.411295	10.0	1912747.0	1.427081	Y
7	IC 200-198744/12	19.99612	27.971725	10.0	2008125.0	1.398858	Y
8	IC 200-198744/13	39.99224	52.023964	10.0	2048421.0	1.300851	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

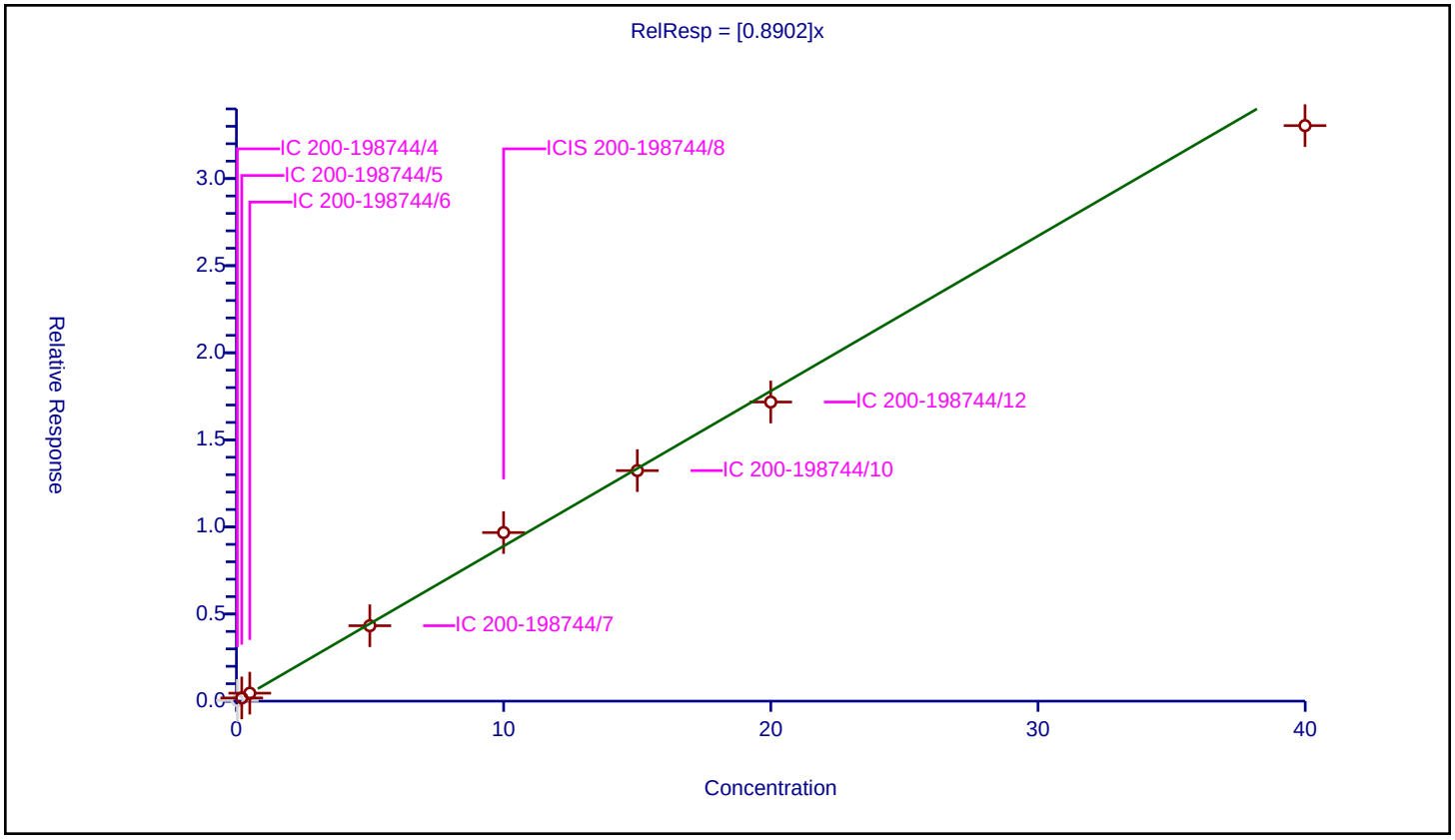
Curve Coefficients

Intercept:	0
Slope:	0.8902

Error Coefficients

Standard Error:	3340000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.03648	10.0	1575941.0	1.039994	N
2	IC 200-198744/5	0.20044	0.183384	10.0	1573634.0	0.914911	Y
3	IC 200-198744/6	0.500453	0.457603	10.0	1533556.0	0.914379	Y
4	IC 200-198744/7	4.992563	4.329208	10.0	1600496.0	0.867131	Y
5	ICIS 200-198744/8	9.99806	9.678022	10.0	1647690.0	0.96799	Y
6	IC 200-198744/10	15.003557	13.234239	10.0	1912747.0	0.882073	Y
7	IC 200-198744/12	19.99612	17.172133	10.0	2008125.0	0.858773	Y
8	IC 200-198744/13	39.99224	33.039522	10.0	2048421.0	0.826148	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

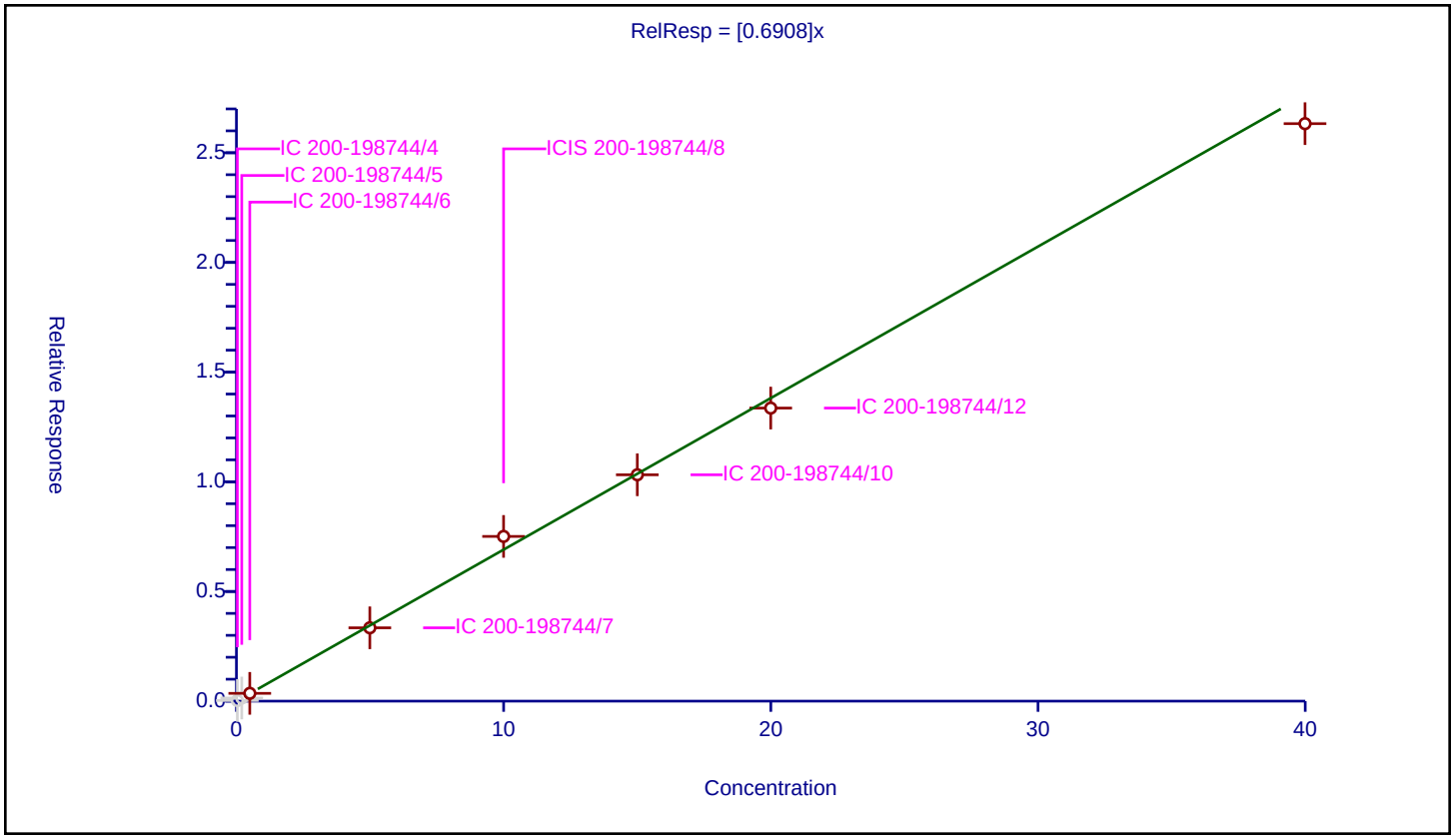
Curve Coefficients

Intercept:	0
Slope:	0.6908

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.027939	10.0	1575941.0	0.796502	N
2	IC 200-198744/5	0.20044	0.142714	10.0	1573634.0	0.712006	N
3	IC 200-198744/6	0.500453	0.355214	10.0	1533556.0	0.709785	Y
4	IC 200-198744/7	4.992563	3.34317	10.0	1600496.0	0.66963	Y
5	ICIS 200-198744/8	9.99806	7.50938	10.0	1647690.0	0.751084	Y
6	IC 200-198744/10	15.003557	10.318636	10.0	1912747.0	0.687746	Y
7	IC 200-198744/12	19.99612	13.360319	10.0	2008125.0	0.668146	Y
8	IC 200-198744/13	39.99224	26.327527	10.0	2048421.0	0.658316	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

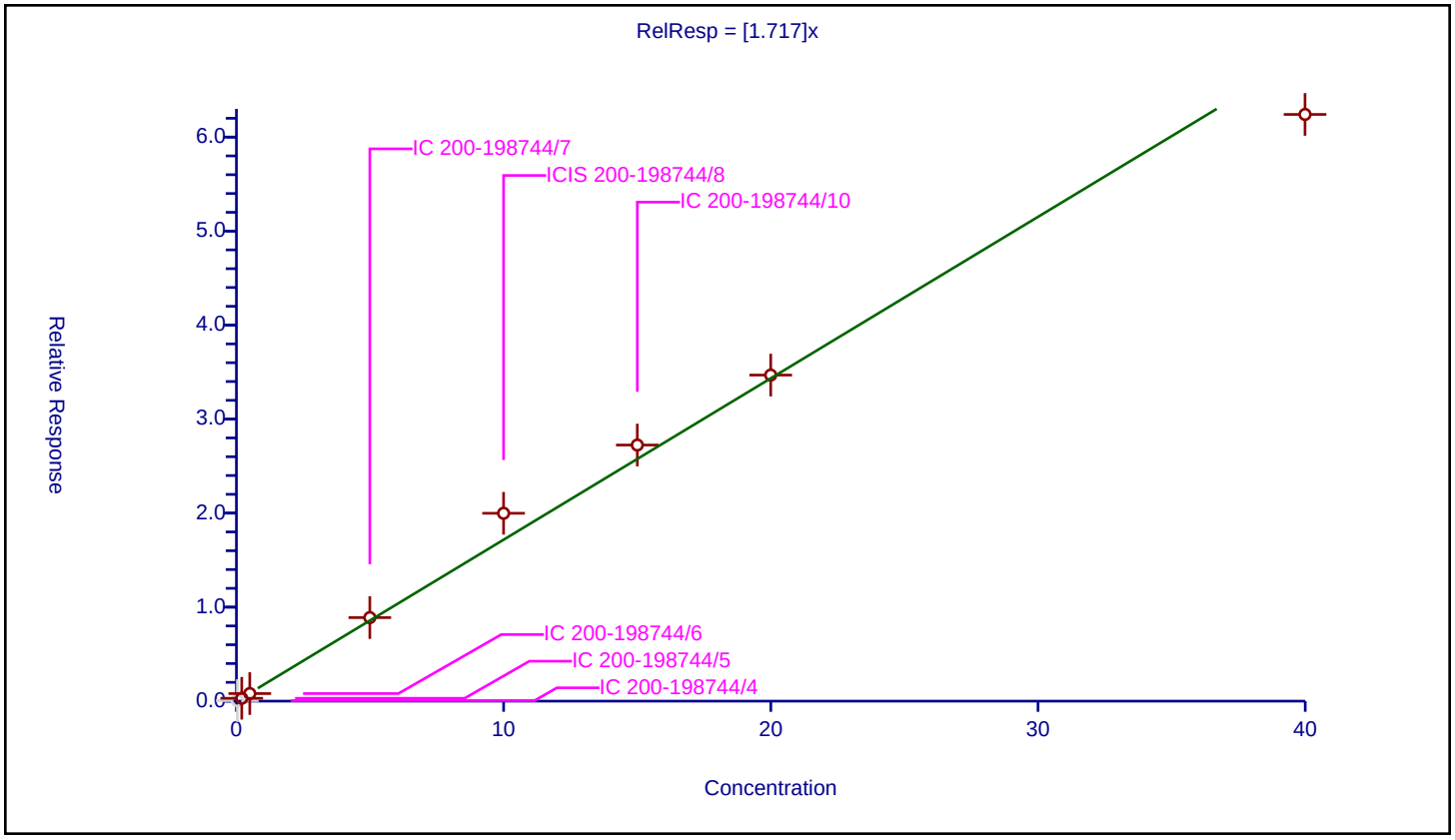
Curve Coefficients

Intercept:	0
Slope:	1.717

Error Coefficients

Standard Error:	6480000
Relative Standard Error:	9.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.056081	10.0	1575941.0	1.598793	N
2	IC 200-198744/5	0.20044	0.304251	10.0	1573634.0	1.517919	Y
3	IC 200-198744/6	0.500453	0.807418	10.0	1533556.0	1.613375	Y
4	IC 200-198744/7	4.992563	8.885089	10.0	1600496.0	1.779665	Y
5	ICIS 200-198744/8	9.99806	19.98263	10.0	1647690.0	1.998651	Y
6	IC 200-198744/10	15.003557	27.241114	10.0	1912747.0	1.815644	Y
7	IC 200-198744/12	19.99612	34.684982	10.0	2008125.0	1.734586	Y
8	IC 200-198744/13	39.99224	62.410393	10.0	2048421.0	1.560563	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

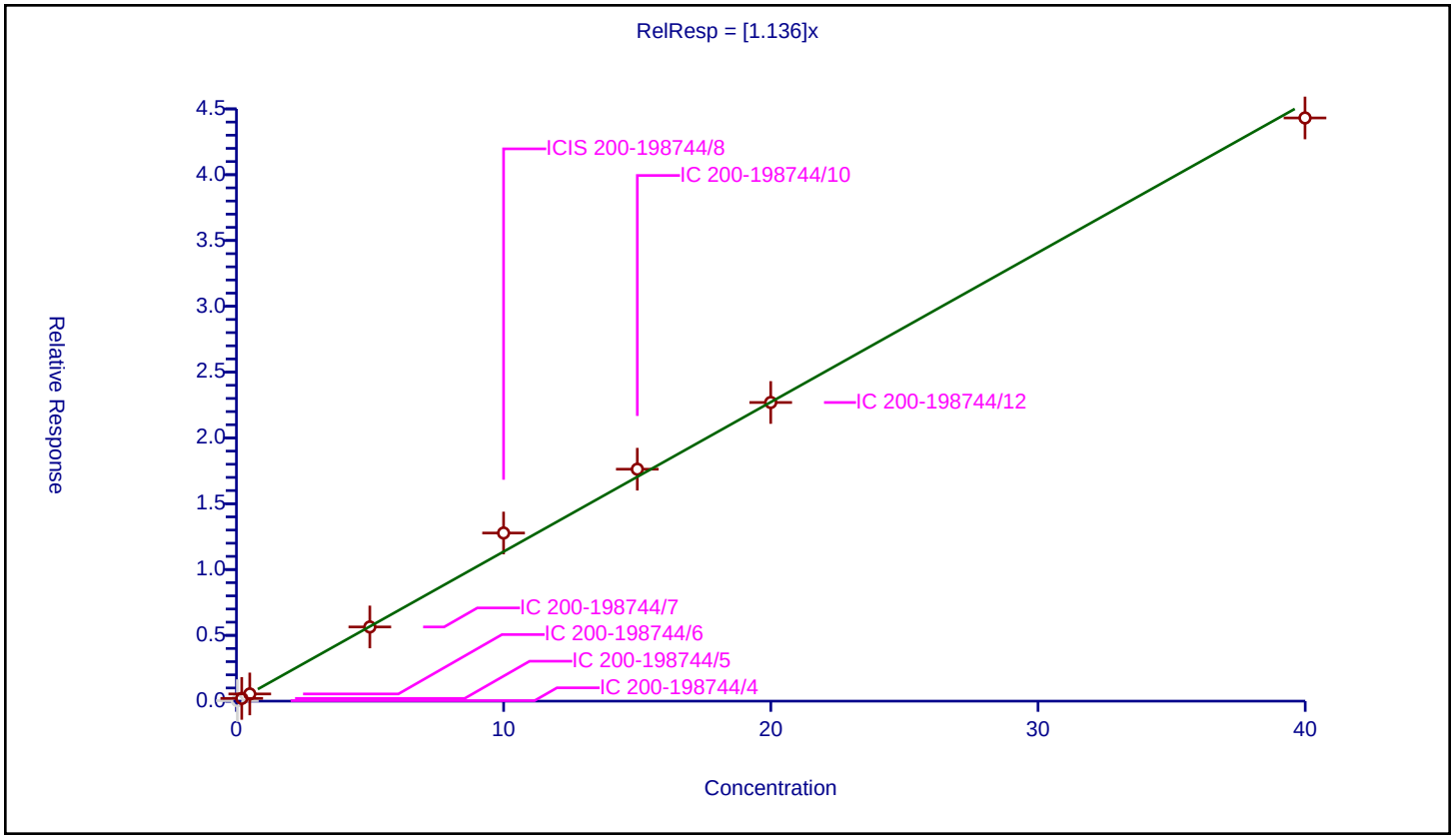
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Standard Error:	4470000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.036886	10.0	1575941.0	1.051571	N
2	IC 200-198744/5	0.20044	0.20745	10.0	1573634.0	1.034974	Y
3	IC 200-198744/6	0.500453	0.547179	10.0	1533556.0	1.093369	Y
4	IC 200-198744/7	4.992563	5.637284	10.0	1600496.0	1.129136	Y
5	ICIS 200-198744/8	9.99806	12.775559	10.0	1647690.0	1.277804	Y
6	IC 200-198744/10	15.003557	17.622372	10.0	1912747.0	1.174546	Y
7	IC 200-198744/12	19.99612	22.692407	10.0	2008125.0	1.134841	Y
8	IC 200-198744/13	39.99224	44.312112	10.0	2048421.0	1.108018	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

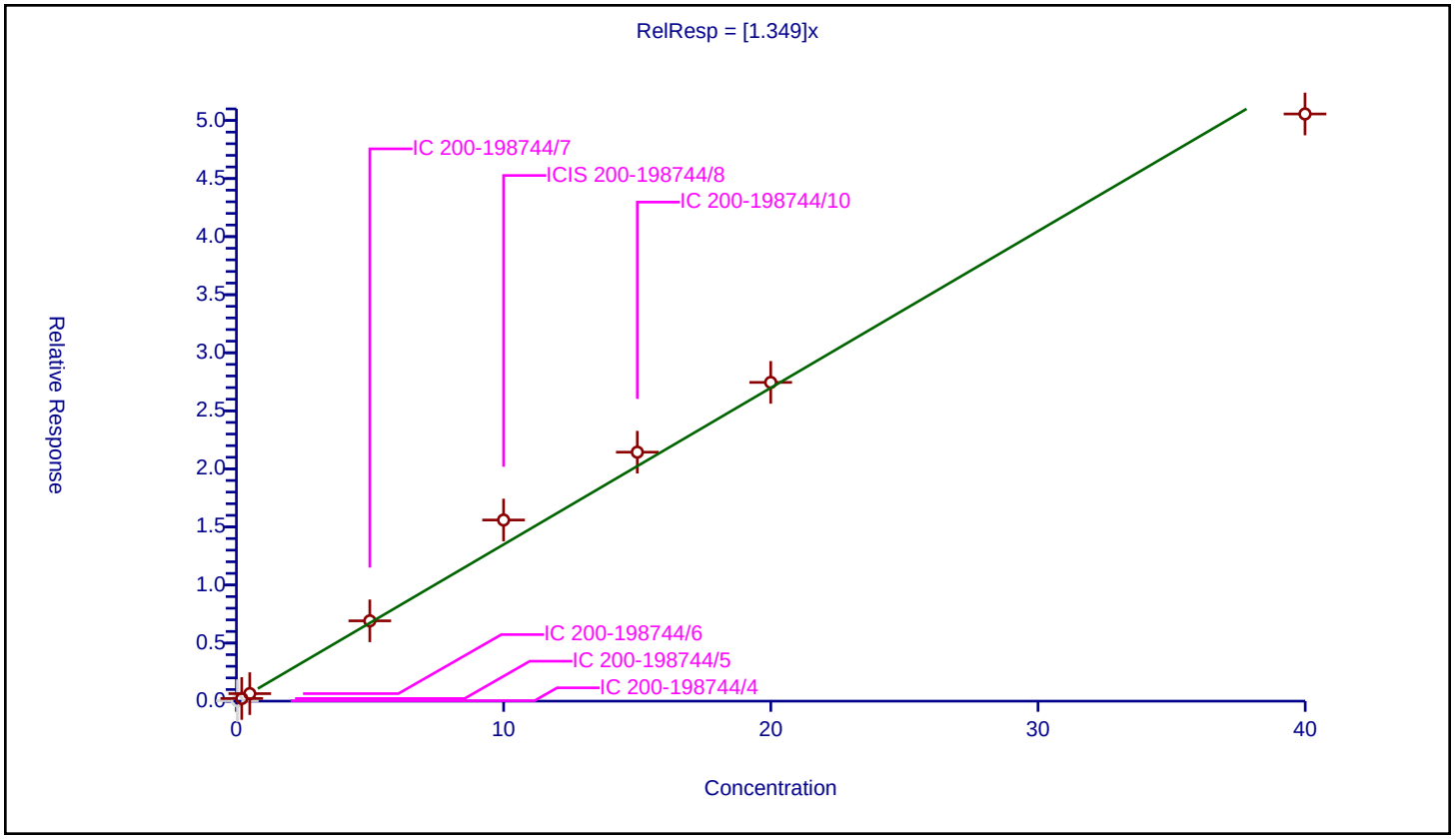
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Standard Error:	5200000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.037102	10.0	1575941.0	1.057722	N
2	IC 200-198744/5	0.20044	0.227937	10.0	1573634.0	1.137187	Y
3	IC 200-198744/6	0.500453	0.647932	10.0	1533556.0	1.294692	Y
4	IC 200-198744/7	4.992563	6.915337	10.0	1600496.0	1.385128	Y
5	ICIS 200-198744/8	9.99806	15.598031	10.0	1647690.0	1.560106	Y
6	IC 200-198744/10	15.003557	21.439464	10.0	1912747.0	1.428959	Y
7	IC 200-198744/12	19.99612	27.447495	10.0	2008125.0	1.372641	Y
8	IC 200-198744/13	39.99224	50.562423	10.0	2048421.0	1.264306	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

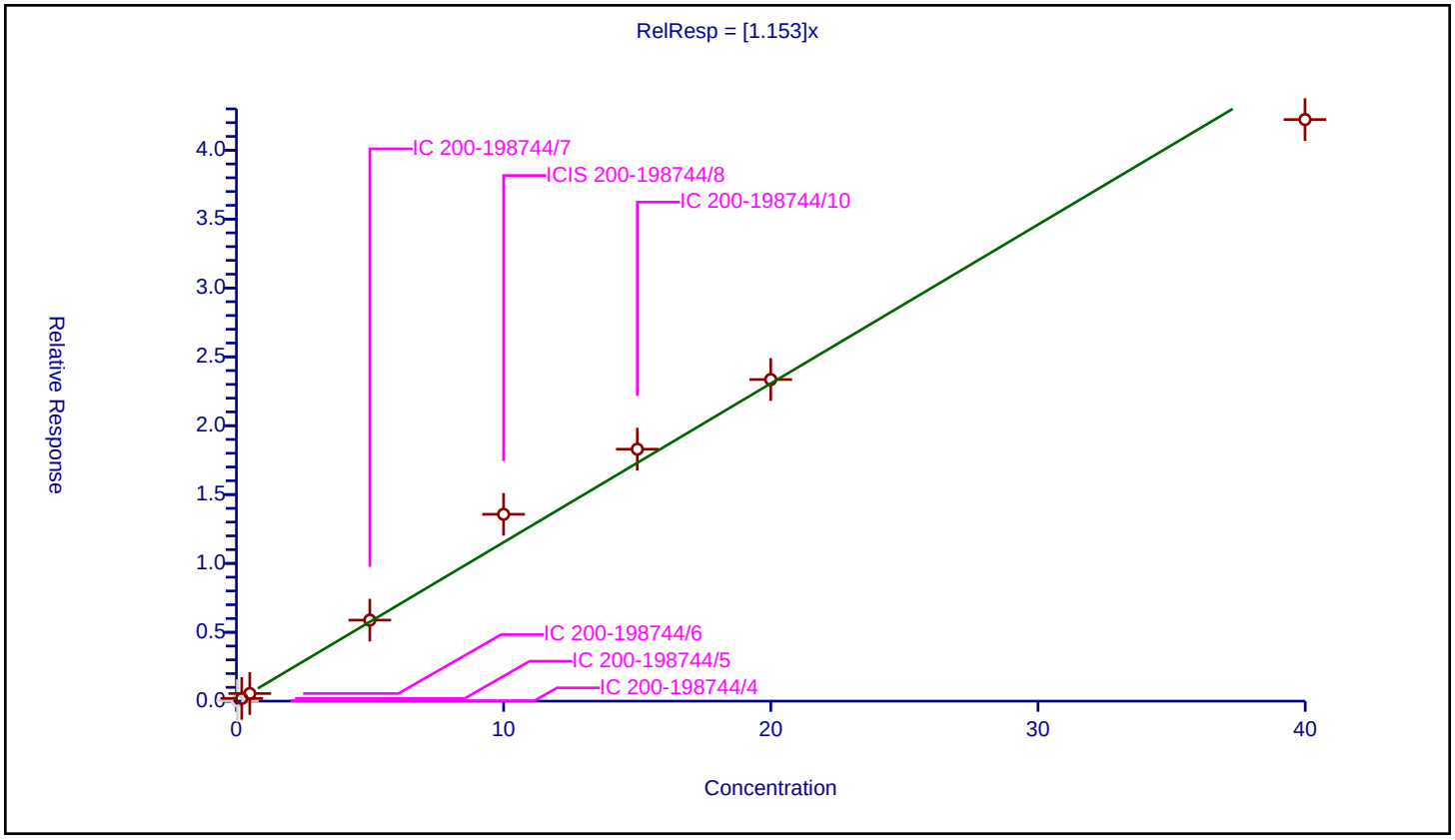
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	4380000
Relative Standard Error:	10.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.031124	10.0	1575941.0	0.887314	N
2	IC 200-198744/5	0.20044	0.198115	10.0	1573634.0	0.988401	Y
3	IC 200-198744/6	0.500453	0.553759	10.0	1533556.0	1.106516	Y
4	IC 200-198744/7	4.992563	5.88302	10.0	1600496.0	1.178357	Y
5	ICIS 200-198744/8	9.99806	13.566114	10.0	1647690.0	1.356875	Y
6	IC 200-198744/10	15.003557	18.292702	10.0	1912747.0	1.219224	Y
7	IC 200-198744/12	19.99612	23.350603	10.0	2008125.0	1.167757	Y
8	IC 200-198744/13	39.99224	42.225226	10.0	2048421.0	1.055835	Y



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Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

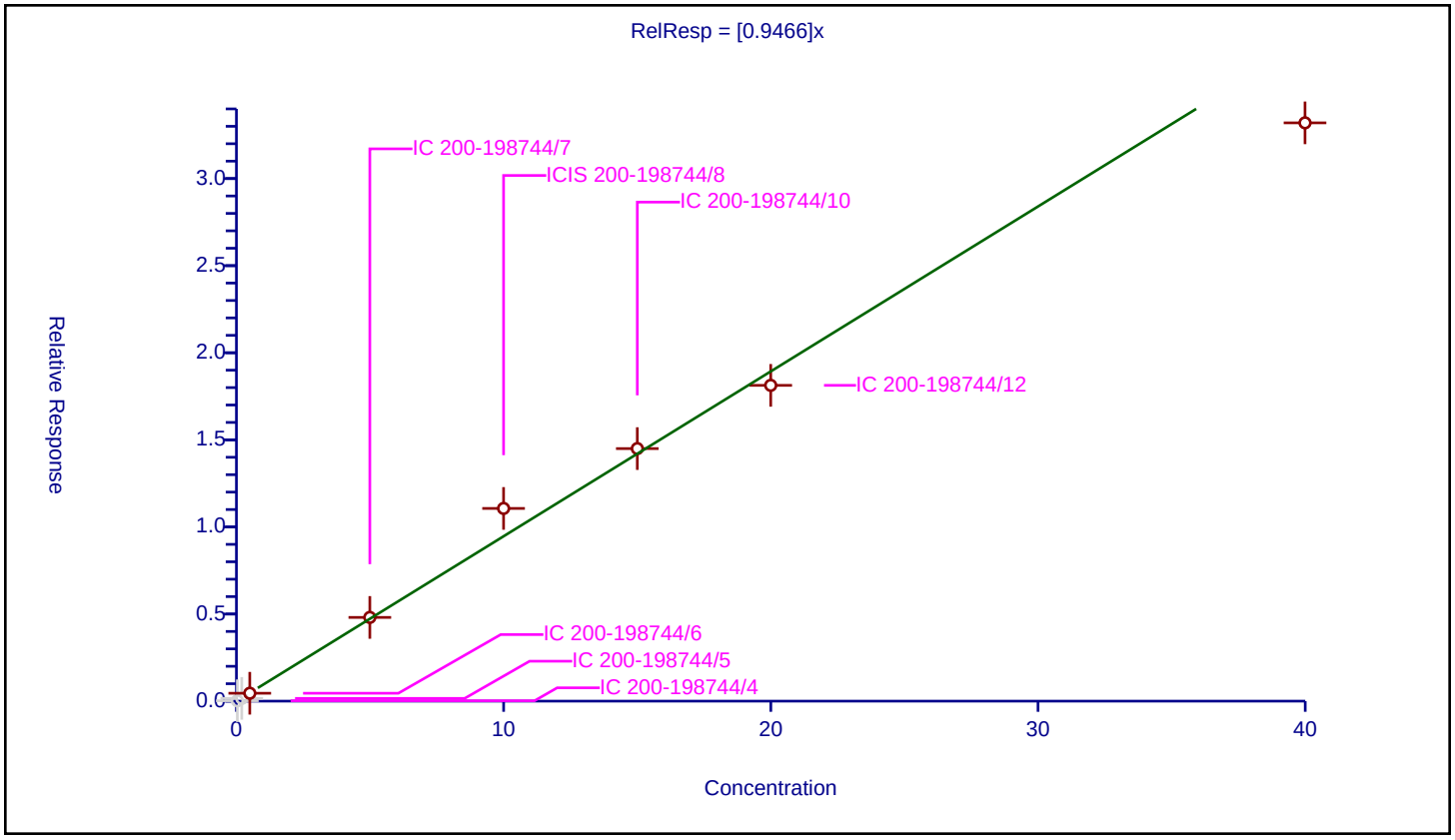
Curve Coefficients

Intercept:	0
Slope:	0.9466

Error Coefficients

Standard Error:	3770000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.021479	10.0	1575941.0	0.612346	N
2	IC 200-198744/5	0.20044	0.157826	10.0	1573634.0	0.787398	N
3	IC 200-198744/6	0.500453	0.453893	10.0	1533556.0	0.906965	Y
4	IC 200-198744/7	4.992563	4.806816	10.0	1600496.0	0.962795	Y
5	ICIS 200-198744/8	9.99806	11.062839	10.0	1647690.0	1.106499	Y
6	IC 200-198744/10	15.003557	14.499241	10.0	1912747.0	0.966387	Y
7	IC 200-198744/12	19.99612	18.12918	10.0	2008125.0	0.906635	Y
8	IC 200-198744/13	39.99224	33.19881	10.0	2048421.0	0.830131	Y



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Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

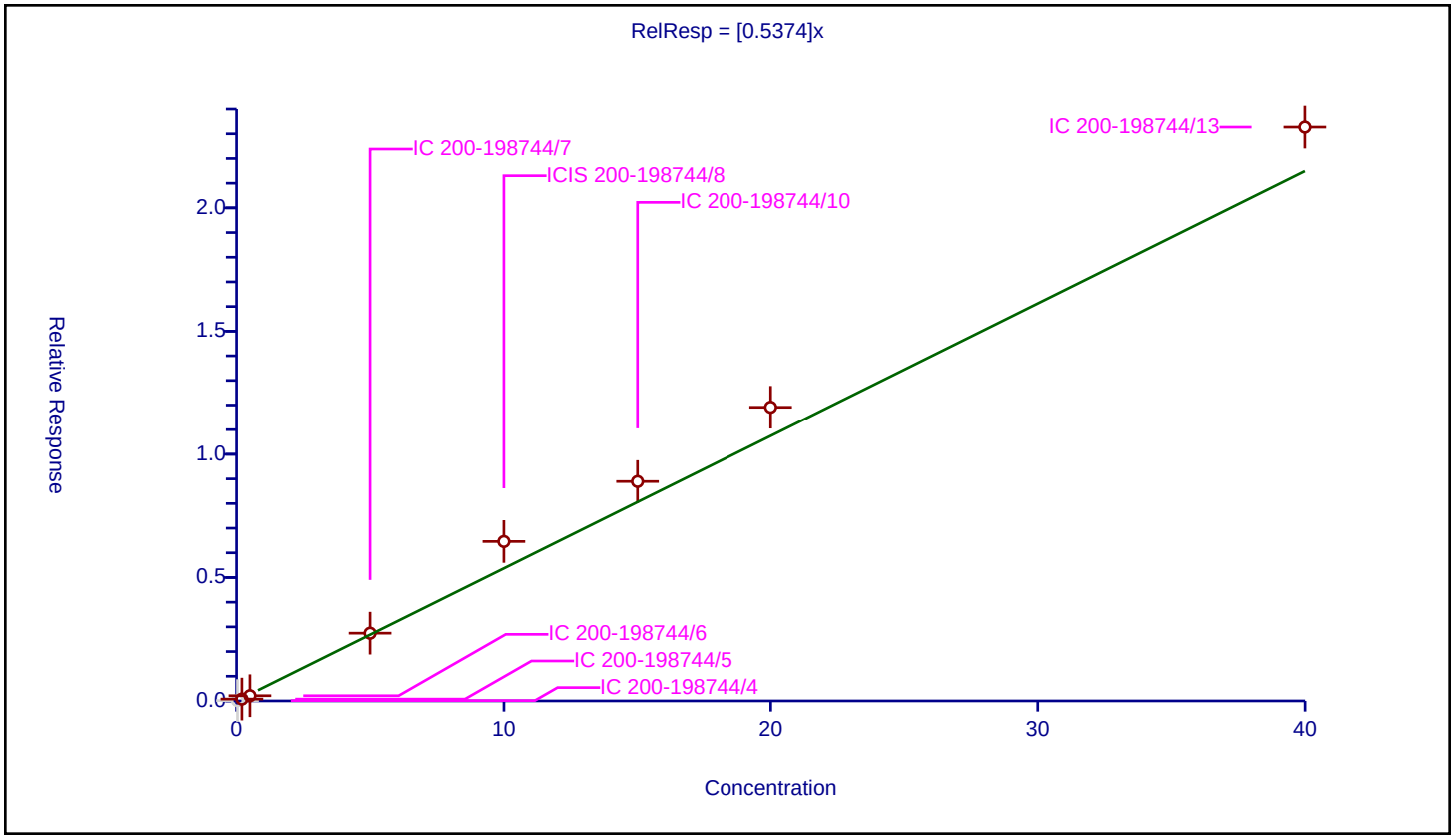
Curve Coefficients

Intercept:	0
Slope:	0.5374

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	18.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.013725	10.0	1575941.0	0.391286	N
2	IC 200-198744/5	0.20044	0.074833	10.0	1573634.0	0.373345	Y
3	IC 200-198744/6	0.500453	0.211098	10.0	1533556.0	0.421813	Y
4	IC 200-198744/7	4.992563	2.744674	10.0	1600496.0	0.549753	Y
5	ICIS 200-198744/8	9.99806	6.460778	10.0	1647690.0	0.646203	Y
6	IC 200-198744/10	15.003557	8.894653	10.0	1912747.0	0.592836	Y
7	IC 200-198744/12	19.99612	11.910633	10.0	2008125.0	0.595647	Y
8	IC 200-198744/13	39.99224	23.271466	10.0	2048421.0	0.5819	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

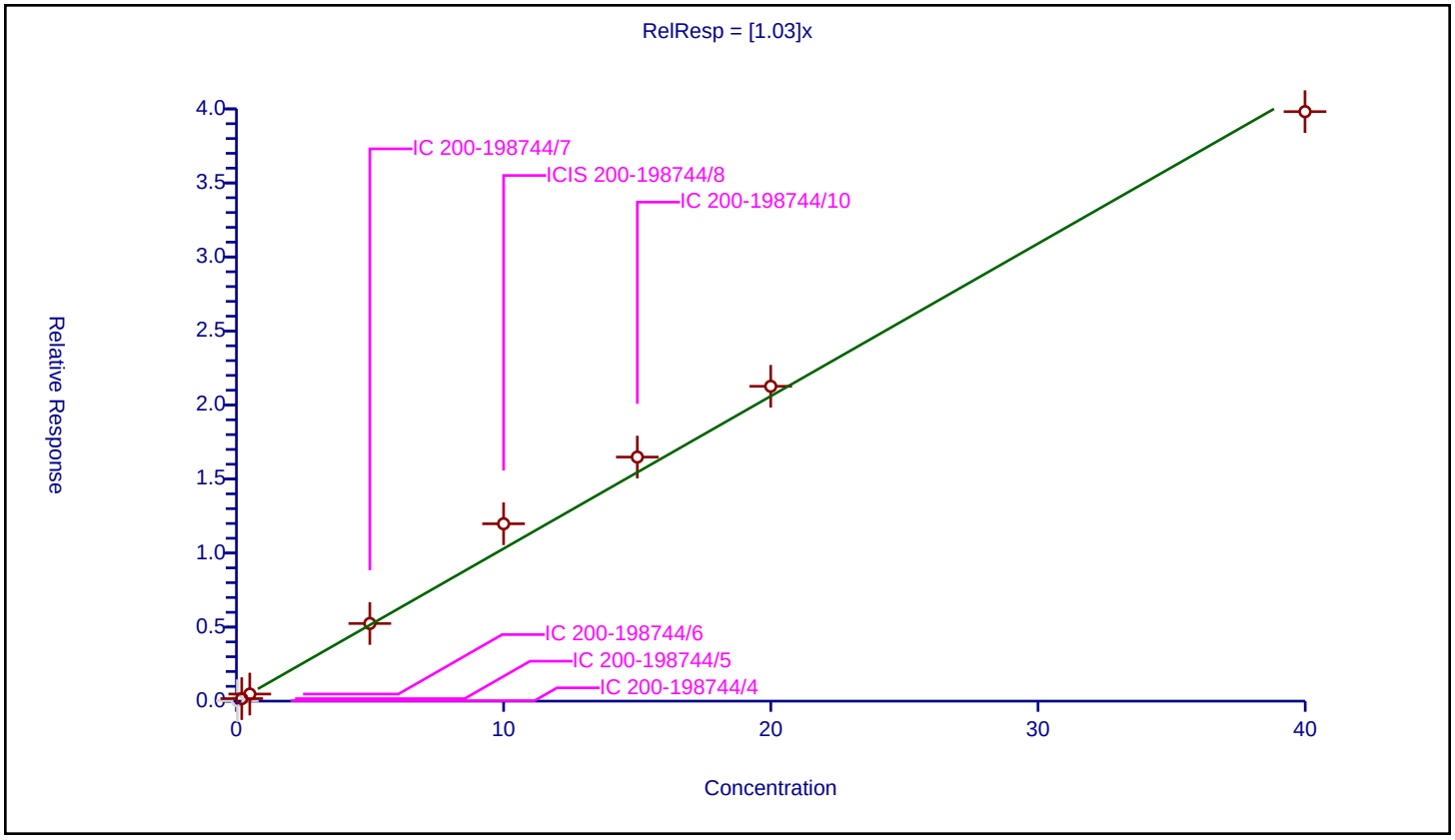
Curve Coefficients

Intercept:	0
Slope:	1.03

Error Coefficients

Standard Error:	4070000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.029443	10.0	1575941.0	0.839376	N
2	IC 200-198744/5	0.20044	0.169995	10.0	1573634.0	0.848111	Y
3	IC 200-198744/6	0.500453	0.478476	10.0	1533556.0	0.956087	Y
4	IC 200-198744/7	4.992563	5.24503	10.0	1600496.0	1.050569	Y
5	ICIS 200-198744/8	9.99806	11.979043	10.0	1647690.0	1.198137	Y
6	IC 200-198744/10	15.003557	16.484501	10.0	1912747.0	1.098706	Y
7	IC 200-198744/12	19.99612	21.264304	10.0	2008125.0	1.063422	Y
8	IC 200-198744/13	39.99224	39.815209	10.0	2048421.0	0.995573	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

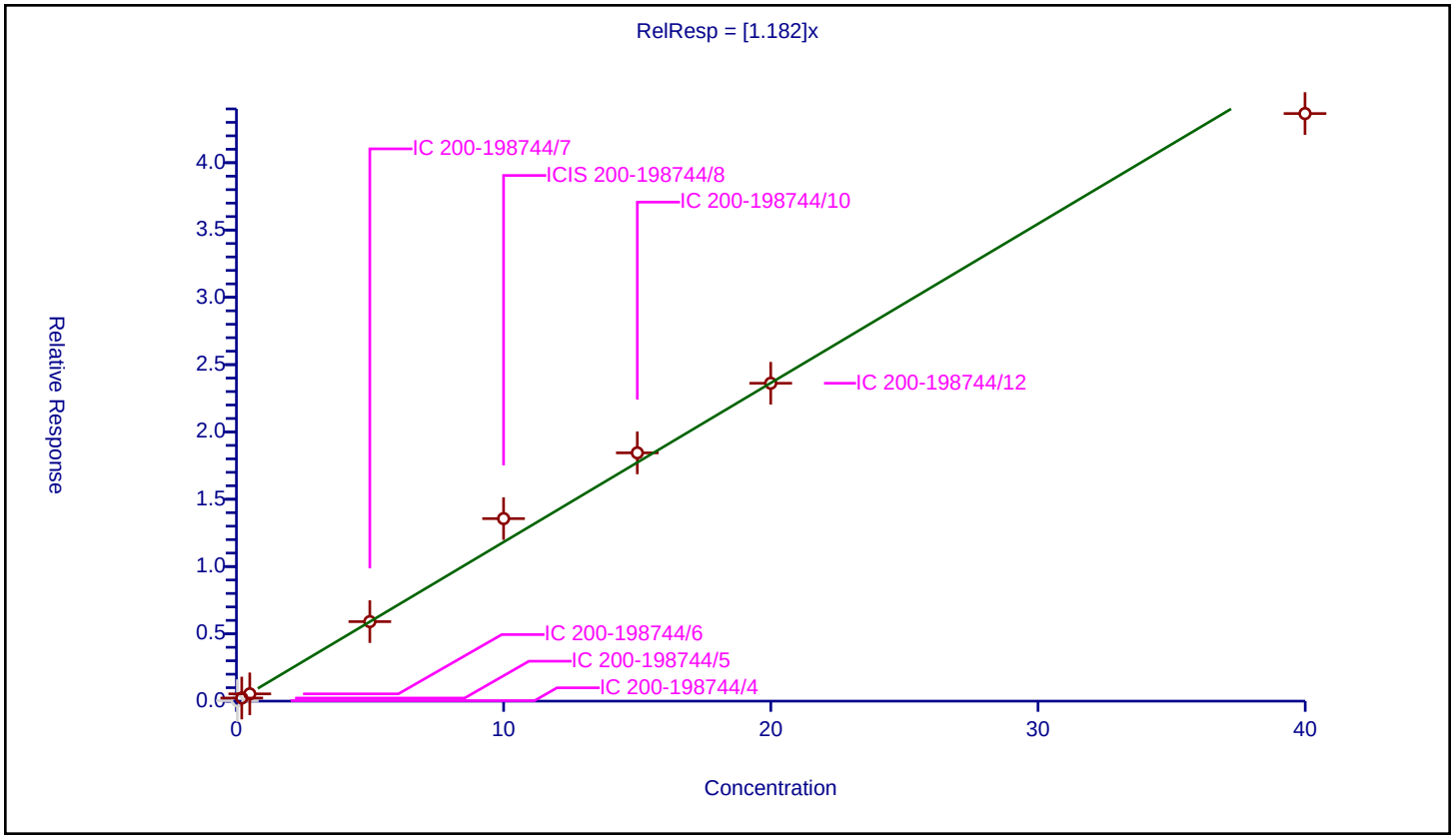
Curve Coefficients

Intercept:	0
Slope:	1.182

Error Coefficients

Standard Error:	4490000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.035445	10.0	1575941.0	1.010507	N
2	IC 200-198744/5	0.20044	0.230333	10.0	1573634.0	1.149139	Y
3	IC 200-198744/6	0.500453	0.541917	10.0	1533556.0	1.082854	Y
4	IC 200-198744/7	4.992563	5.907894	10.0	1600496.0	1.183339	Y
5	ICIS 200-198744/8	9.99806	13.560451	10.0	1647690.0	1.356308	Y
6	IC 200-198744/10	15.003557	18.447238	10.0	1912747.0	1.229524	Y
7	IC 200-198744/12	19.99612	23.616876	10.0	2008125.0	1.181073	Y
8	IC 200-198744/13	39.99224	43.653131	10.0	2048421.0	1.09154	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

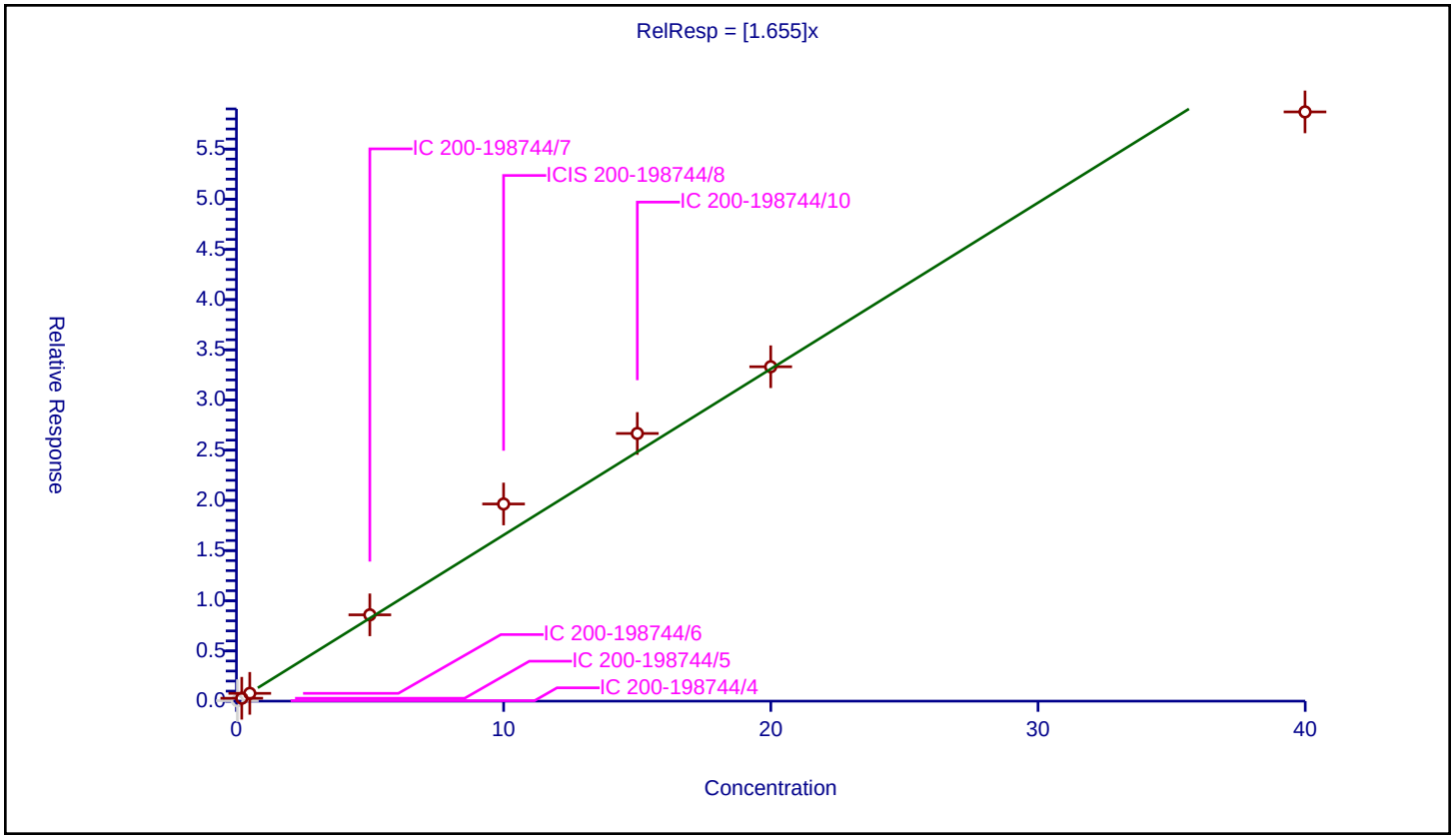
Curve Coefficients

Intercept:	0
Slope:	1.655

Error Coefficients

Standard Error:	6160000
Relative Standard Error:	11.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.045319	10.0	1575941.0	1.291987	N
2	IC 200-198744/5	0.20044	0.287564	10.0	1573634.0	1.434665	Y
3	IC 200-198744/6	0.500453	0.777037	10.0	1533556.0	1.552669	Y
4	IC 200-198744/7	4.992563	8.597372	10.0	1600496.0	1.722036	Y
5	ICIS 200-198744/8	9.99806	19.640333	10.0	1647690.0	1.964414	Y
6	IC 200-198744/10	15.003557	26.668242	10.0	1912747.0	1.777461	Y
7	IC 200-198744/12	19.99612	33.312483	10.0	2008125.0	1.665947	Y
8	IC 200-198744/13	39.99224	58.700794	10.0	2048421.0	1.467805	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

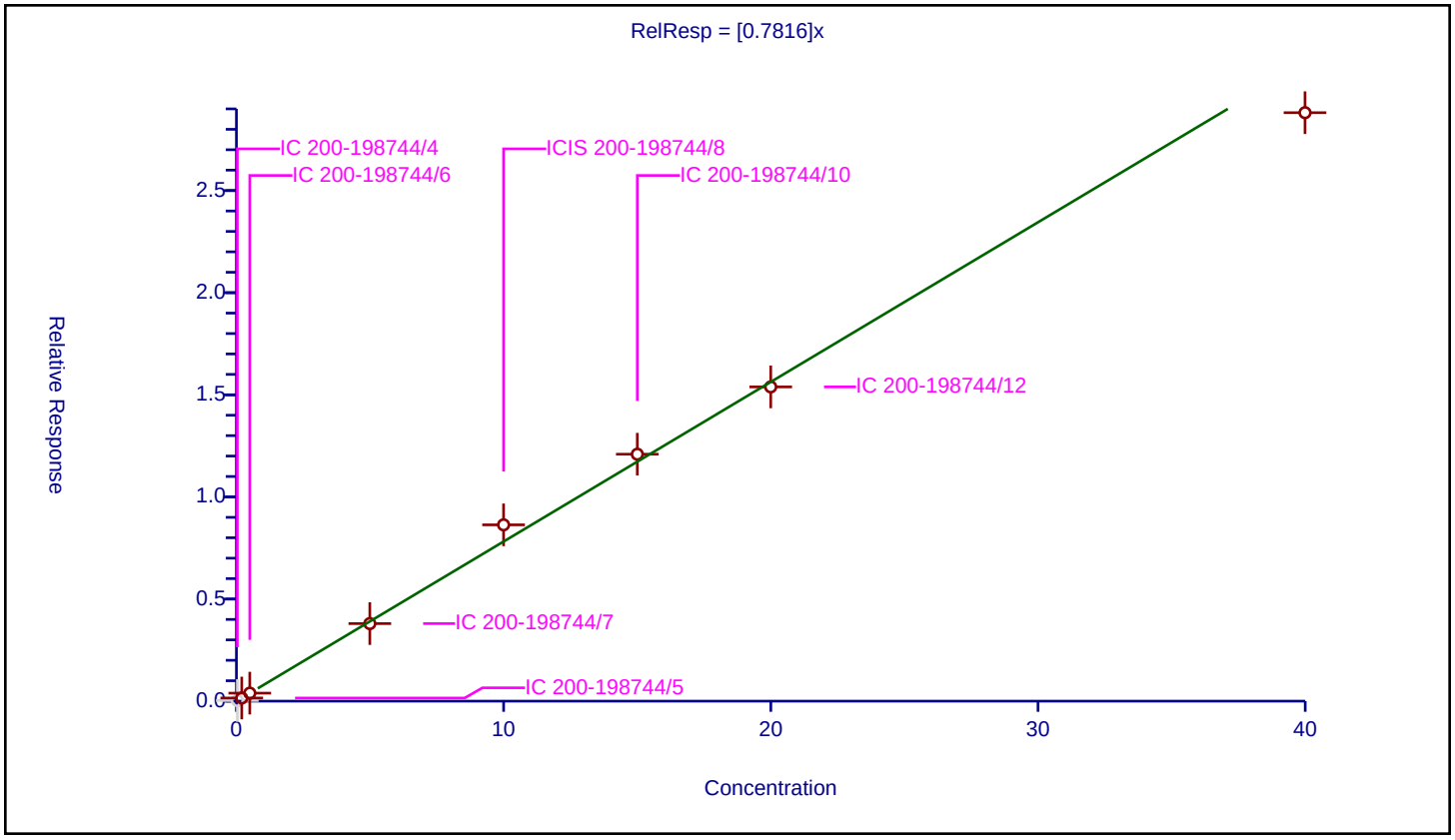
Curve Coefficients

Intercept:	0
Slope:	0.7816

Error Coefficients

Standard Error:	2950000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.030369	10.0	1575941.0	0.865787	N
2	IC 200-198744/5	0.20044	0.153765	10.0	1573634.0	0.767139	Y
3	IC 200-198744/6	0.500453	0.392513	10.0	1533556.0	0.784315	Y
4	IC 200-198744/7	4.992563	3.796829	10.0	1600496.0	0.760497	Y
5	ICIS 200-198744/8	9.99806	8.632291	10.0	1647690.0	0.863397	Y
6	IC 200-198744/10	15.003557	12.091432	10.0	1912747.0	0.805904	Y
7	IC 200-198744/12	19.99612	15.386552	10.0	2008125.0	0.769477	Y
8	IC 200-198744/13	39.99224	28.813081	10.0	2048421.0	0.720467	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

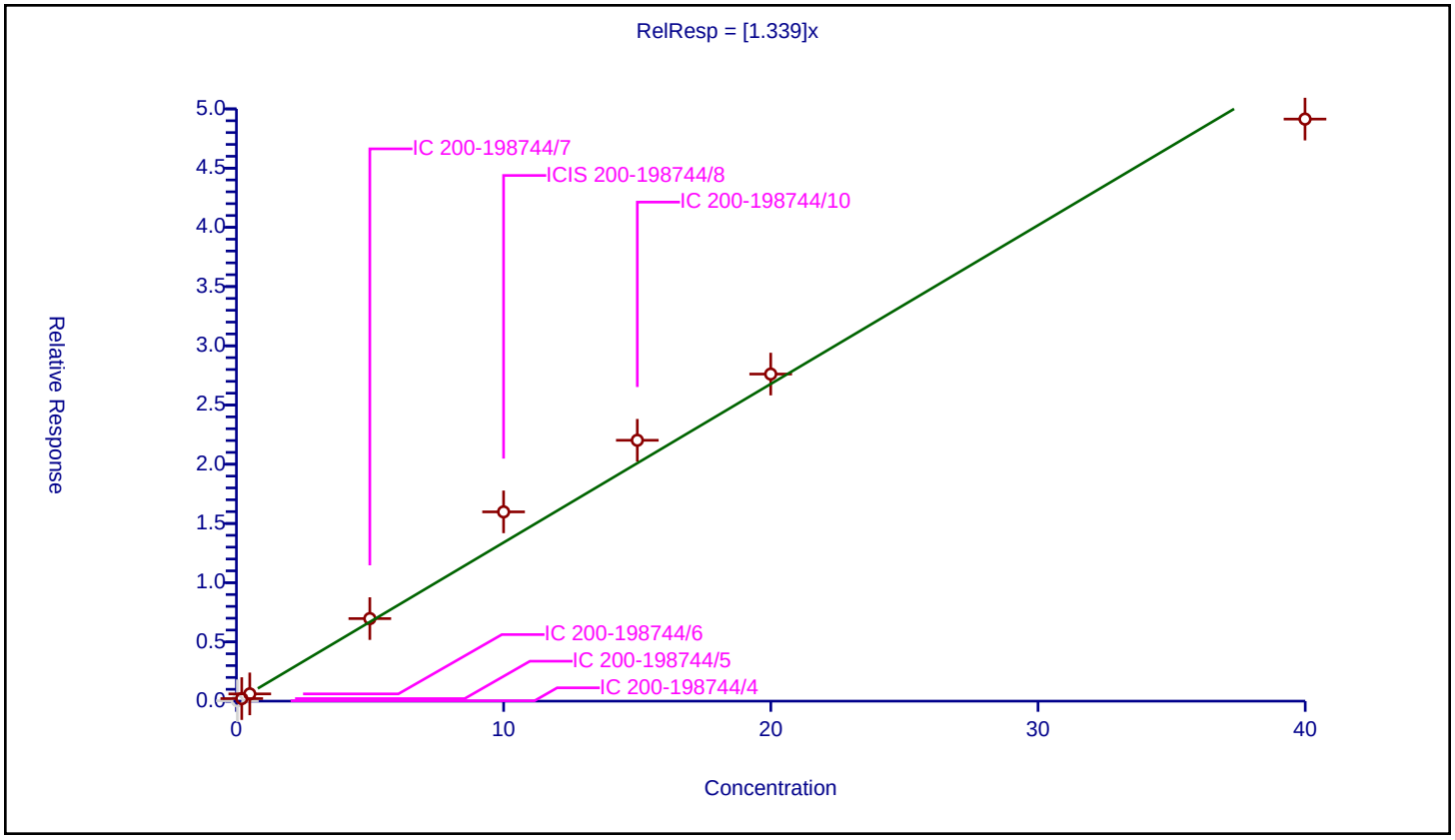
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Standard Error:	5130000
Relative Standard Error:	13.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.032133	10.0	1575941.0	0.916077	N
2	IC 200-198744/5	0.20044	0.215813	10.0	1573634.0	1.076696	Y
3	IC 200-198744/6	0.500453	0.6133	10.0	1533556.0	1.225491	Y
4	IC 200-198744/7	4.992563	6.968502	10.0	1600496.0	1.395777	Y
5	ICIS 200-198744/8	9.99806	15.979183	10.0	1647690.0	1.598228	Y
6	IC 200-198744/10	15.003557	22.023383	10.0	1912747.0	1.467877	Y
7	IC 200-198744/12	19.99612	27.612464	10.0	2008125.0	1.380891	Y
8	IC 200-198744/13	39.99224	49.139811	10.0	2048421.0	1.228734	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

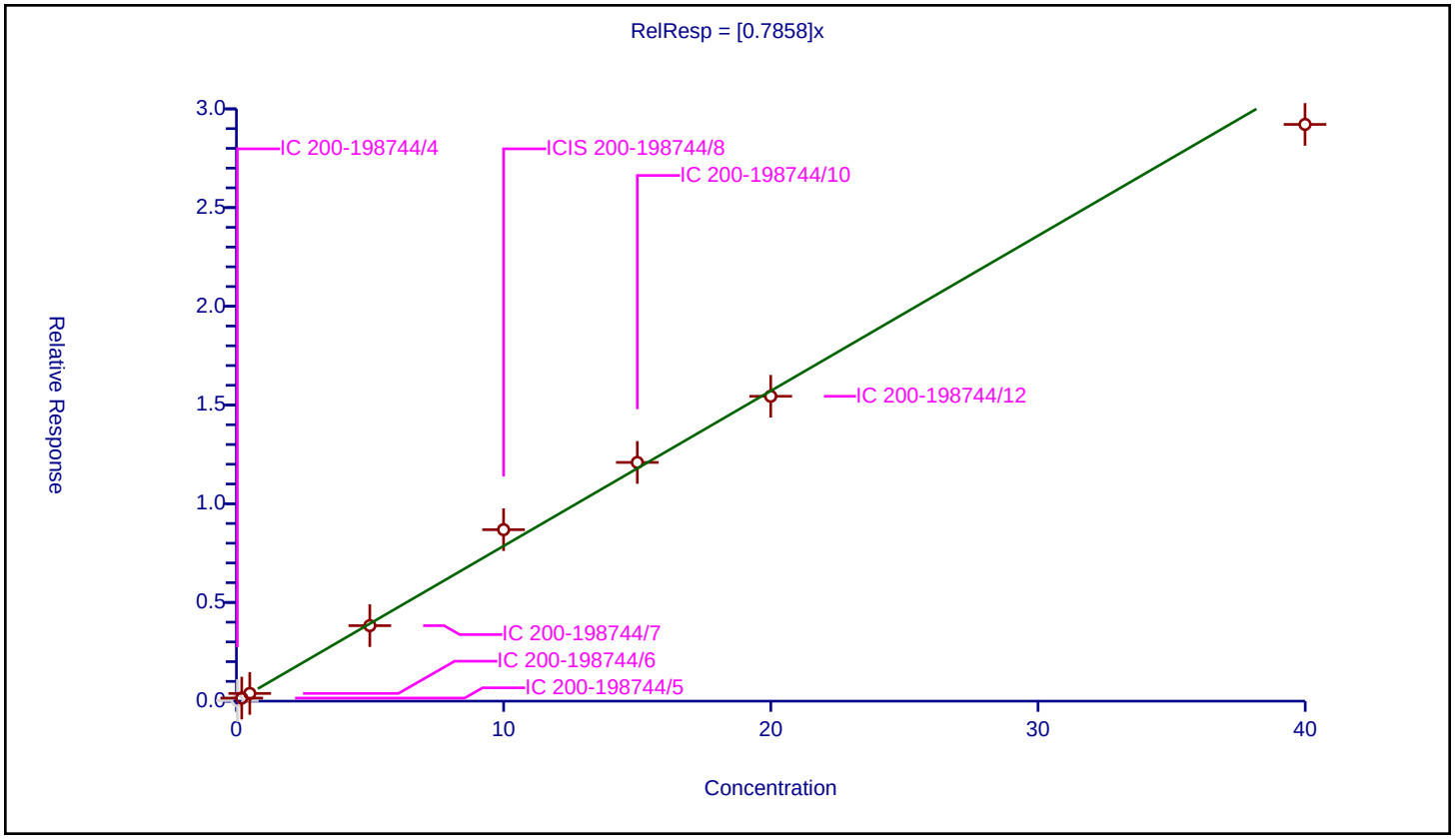
Curve Coefficients

Intercept:	0
Slope:	0.7858

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.028345	10.0	1575941.0	0.80808	N
2	IC 200-198744/5	0.20044	0.155557	10.0	1573634.0	0.77608	Y
3	IC 200-198744/6	0.500453	0.391058	10.0	1533556.0	0.78141	Y
4	IC 200-198744/7	4.992563	3.824483	10.0	1600496.0	0.766036	Y
5	ICIS 200-198744/8	9.99806	8.68502	10.0	1647690.0	0.86867	Y
6	IC 200-198744/10	15.003557	12.091197	10.0	1912747.0	0.805889	Y
7	IC 200-198744/12	19.99612	15.442201	10.0	2008125.0	0.77226	Y
8	IC 200-198744/13	39.99224	29.213541	10.0	2048421.0	0.73048	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

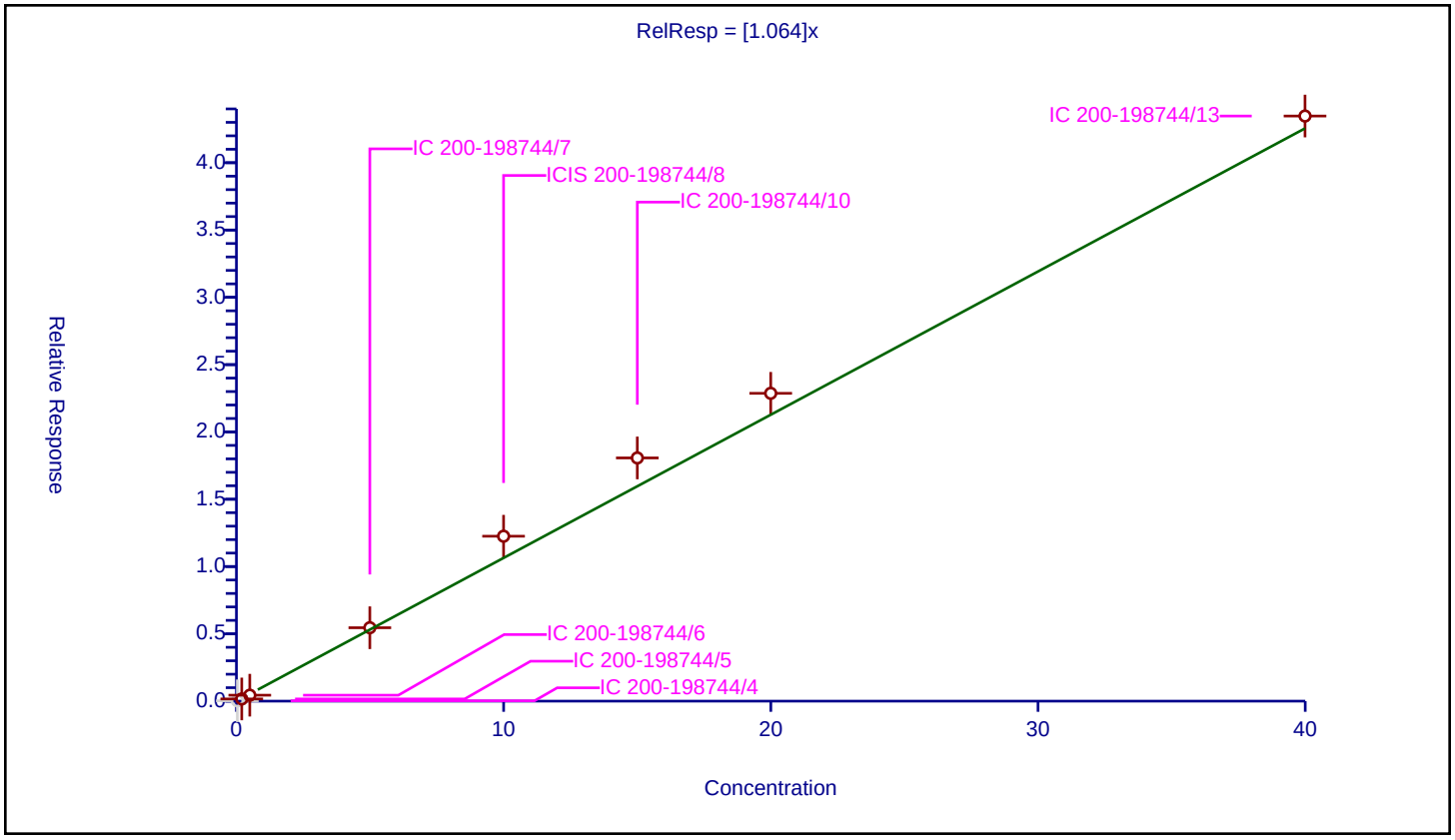
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	4420000
Relative Standard Error:	14.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.027057	10.0	1575941.0	0.771357	N
2	IC 200-198744/5	0.20044	0.16277	10.0	1573634.0	0.812064	Y
3	IC 200-198744/6	0.500453	0.441823	10.0	1533556.0	0.882846	Y
4	IC 200-198744/7	4.992563	5.45474	10.0	1600496.0	1.092573	Y
5	ICIS 200-198744/8	9.99806	12.253786	10.0	1647690.0	1.225616	Y
6	IC 200-198744/10	15.003557	18.068046	10.0	1912747.0	1.204251	Y
7	IC 200-198744/12	19.99612	22.870055	10.0	2008125.0	1.143725	Y
8	IC 200-198744/13	39.99224	43.470009	10.0	2048421.0	1.086961	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

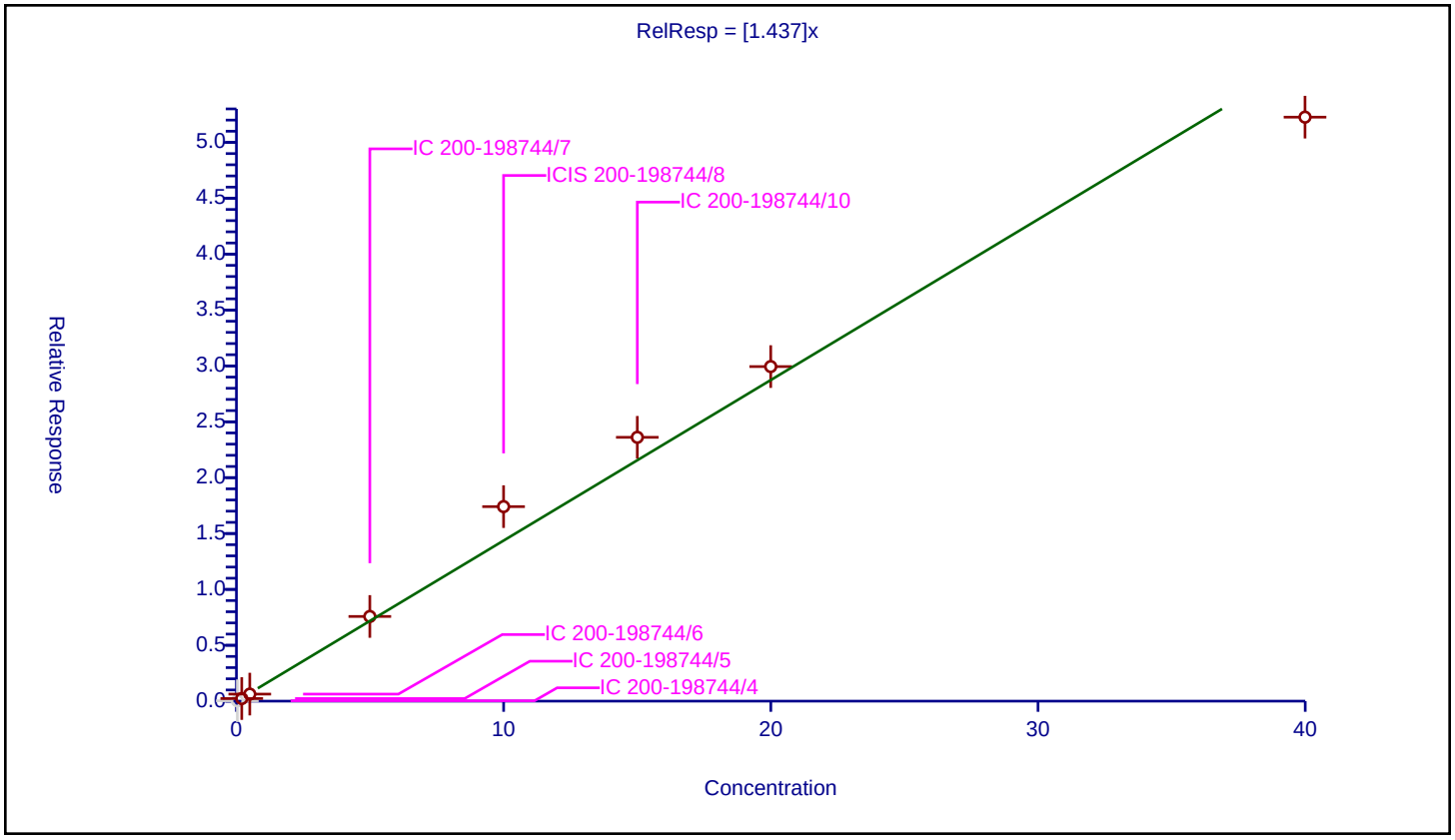
Curve Coefficients

Intercept:	0
Slope:	1.437

Error Coefficients

Standard Error:	5490000
Relative Standard Error:	14.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.035407	10.0	1575941.0	1.009421	N
2	IC 200-198744/5	0.20044	0.2329	10.0	1573634.0	1.161948	Y
3	IC 200-198744/6	0.500453	0.63015	10.0	1533556.0	1.25916	Y
4	IC 200-198744/7	4.992563	7.57752	10.0	1600496.0	1.517761	Y
5	ICIS 200-198744/8	9.99806	17.407231	10.0	1647690.0	1.741061	Y
6	IC 200-198744/10	15.003557	23.610221	10.0	1912747.0	1.573642	Y
7	IC 200-198744/12	19.99612	29.940965	10.0	2008125.0	1.497339	Y
8	IC 200-198744/13	39.99224	52.262079	10.0	2048421.0	1.306806	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

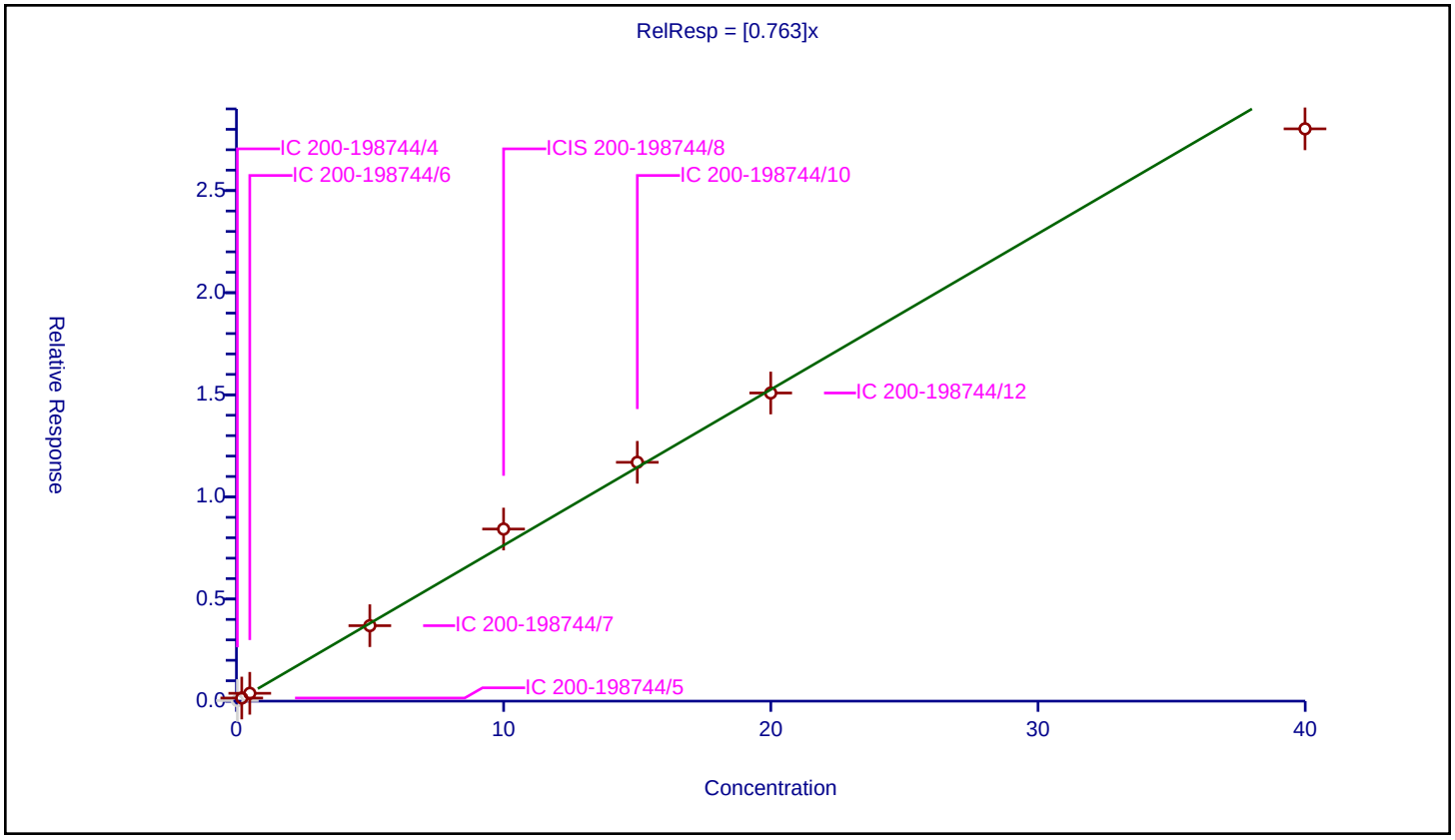
Curve Coefficients

Intercept:	0
Slope:	0.763

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.028637	10.0	1575941.0	0.816401	N
2	IC 200-198744/5	0.20044	0.151605	10.0	1573634.0	0.75636	Y
3	IC 200-198744/6	0.500453	0.383853	10.0	1533556.0	0.767012	Y
4	IC 200-198744/7	4.992563	3.694898	10.0	1600496.0	0.74008	Y
5	ICIS 200-198744/8	9.99806	8.427107	10.0	1647690.0	0.842874	Y
6	IC 200-198744/10	15.003557	11.694511	10.0	1912747.0	0.779449	Y
7	IC 200-198744/12	19.99612	15.088807	10.0	2008125.0	0.754587	Y
8	IC 200-198744/13	39.99224	28.023385	10.0	2048421.0	0.700721	Y



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Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

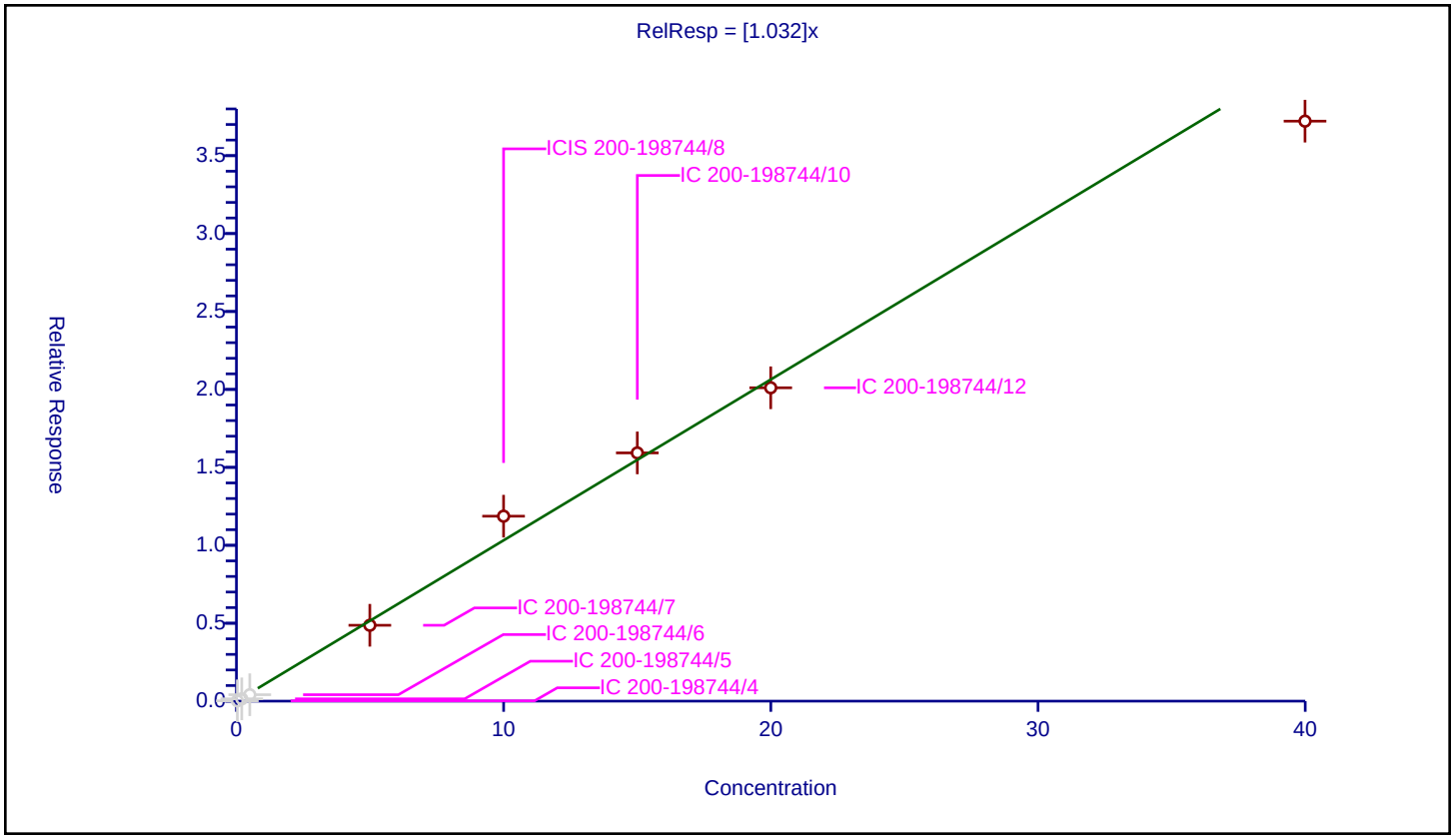
Curve Coefficients

Intercept:	0
Slope:	1.032

Error Coefficients

Standard Error:	4690000
Relative Standard Error:	9.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.020109	10.0	1575941.0	0.573272	N
2	IC 200-198744/5	0.20044	0.147506	10.0	1573634.0	0.735911	N
3	IC 200-198744/6	0.500453	0.412394	10.0	1533556.0	0.824043	N
4	IC 200-198744/7	4.992563	4.868066	10.0	1600496.0	0.975064	Y
5	ICIS 200-198744/8	9.99806	11.867075	10.0	1647690.0	1.186938	Y
6	IC 200-198744/10	15.003557	15.928275	10.0	1912747.0	1.061633	Y
7	IC 200-198744/12	19.99612	20.106751	10.0	2008125.0	1.005533	Y
8	IC 200-198744/13	39.99224	37.213522	10.0	2048421.0	0.930519	Y



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Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

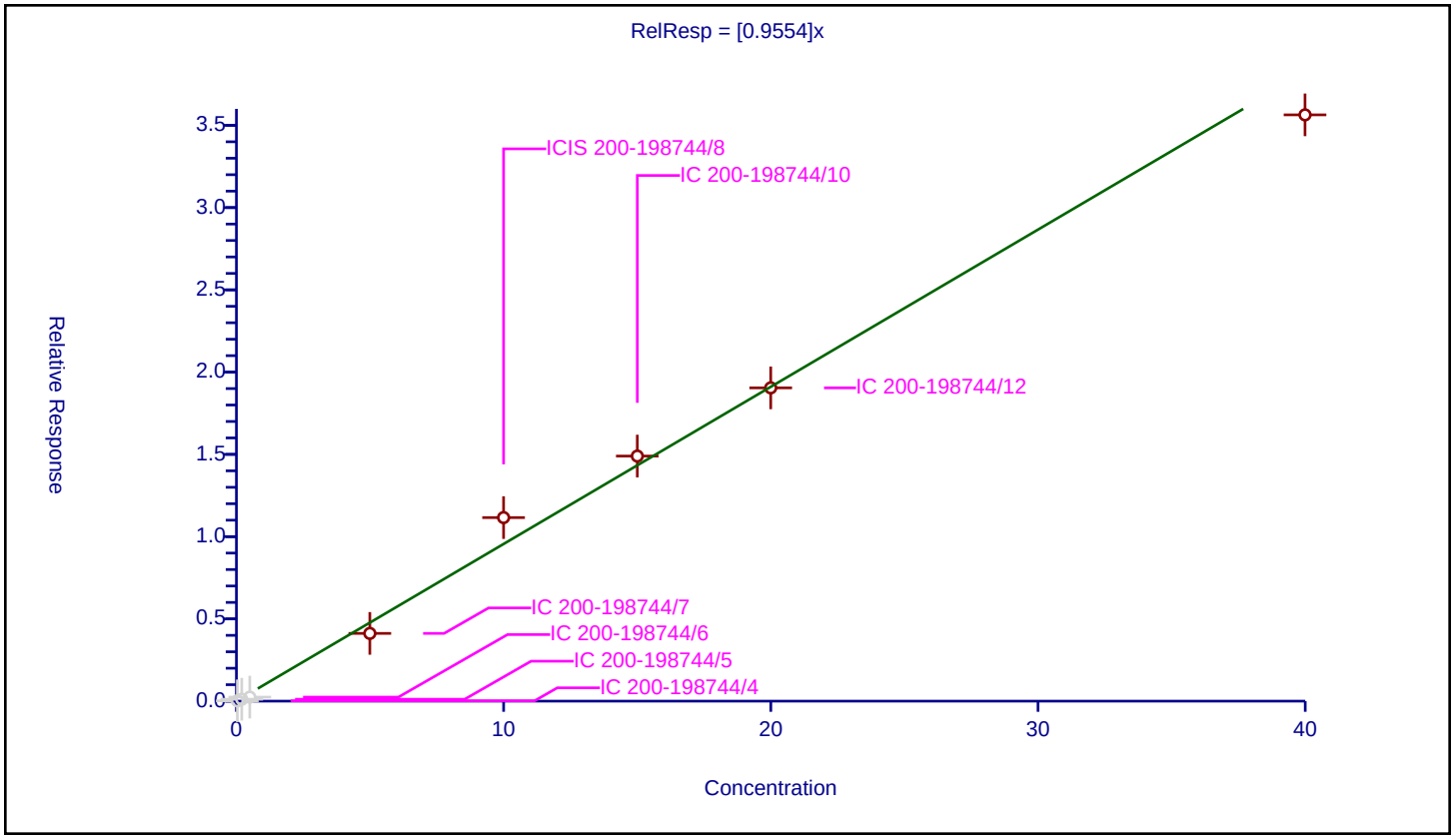
Curve Coefficients

Intercept:	0
Slope:	0.9554

Error Coefficients

Standard Error:	4470000
Relative Standard Error:	11.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.017881	10.0	1575941.0	0.509776	N
2	IC 200-198744/5	0.20044	0.115014	10.0	1573634.0	0.573809	N
3	IC 200-198744/6	0.500453	0.243467	10.0	1533556.0	0.486493	N
4	IC 200-198744/7	4.992563	4.117386	10.0	1600496.0	0.824704	Y
5	ICIS 200-198744/8	9.99806	11.156395	10.0	1647690.0	1.115856	Y
6	IC 200-198744/10	15.003557	14.897543	10.0	1912747.0	0.992934	Y
7	IC 200-198744/12	19.99612	19.042903	10.0	2008125.0	0.95233	Y
8	IC 200-198744/13	39.99224	35.63784	10.0	2048421.0	0.891119	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

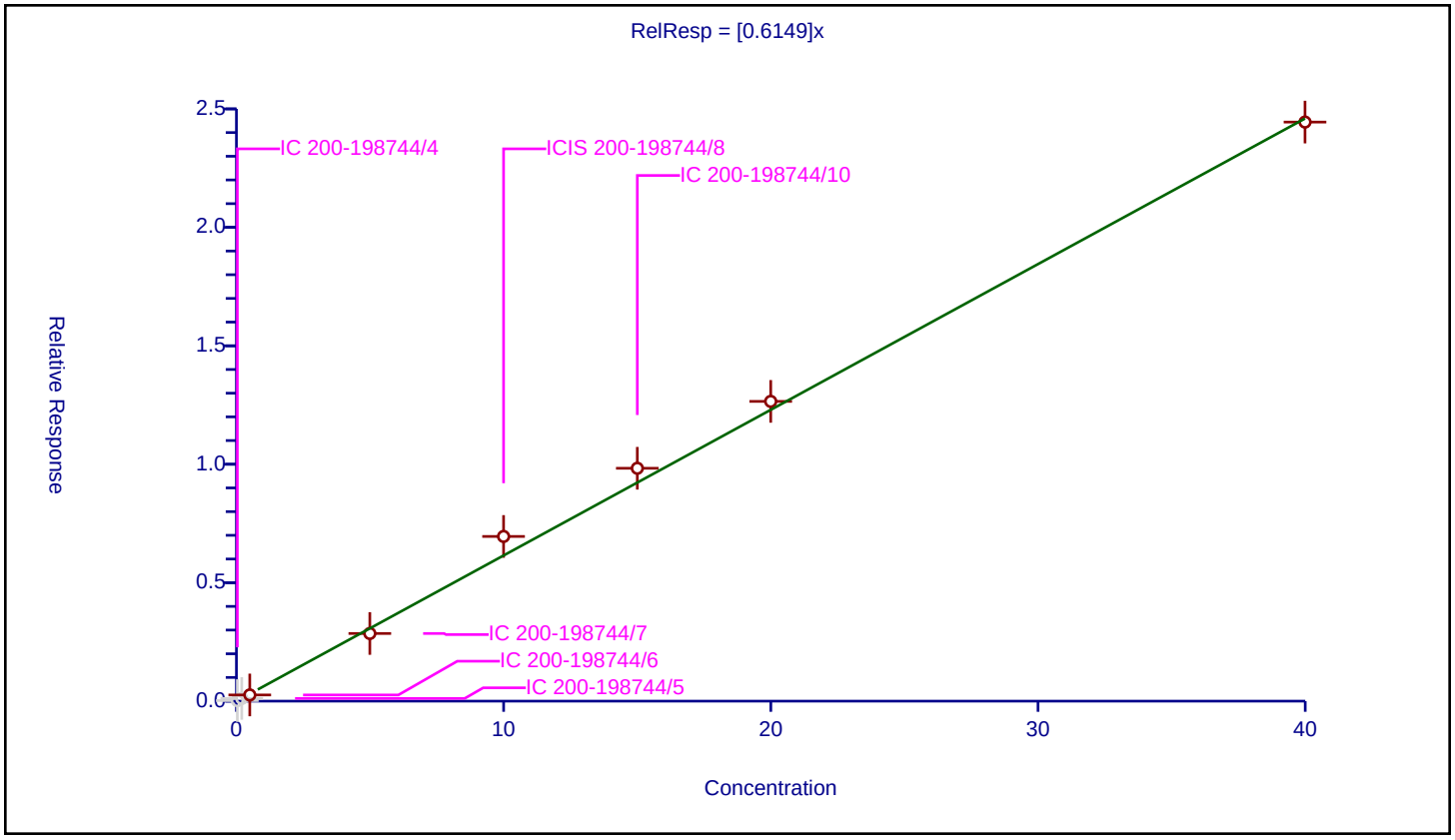
Curve Coefficients

Intercept:	0
Slope:	0.6149

Error Coefficients

Standard Error:	2710000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.022767	10.0	1575941.0	0.649069	N
2	IC 200-198744/5	0.20044	0.114042	10.0	1573634.0	0.568958	N
3	IC 200-198744/6	0.500453	0.261732	10.0	1533556.0	0.52299	Y
4	IC 200-198744/7	4.992563	2.856539	10.0	1600496.0	0.572159	Y
5	ICIS 200-198744/8	9.99806	6.951787	10.0	1647690.0	0.695314	Y
6	IC 200-198744/10	15.003557	9.830417	10.0	1912747.0	0.655206	Y
7	IC 200-198744/12	19.99612	12.653351	10.0	2008125.0	0.63279	Y
8	IC 200-198744/13	39.99224	24.443911	10.0	2048421.0	0.611216	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

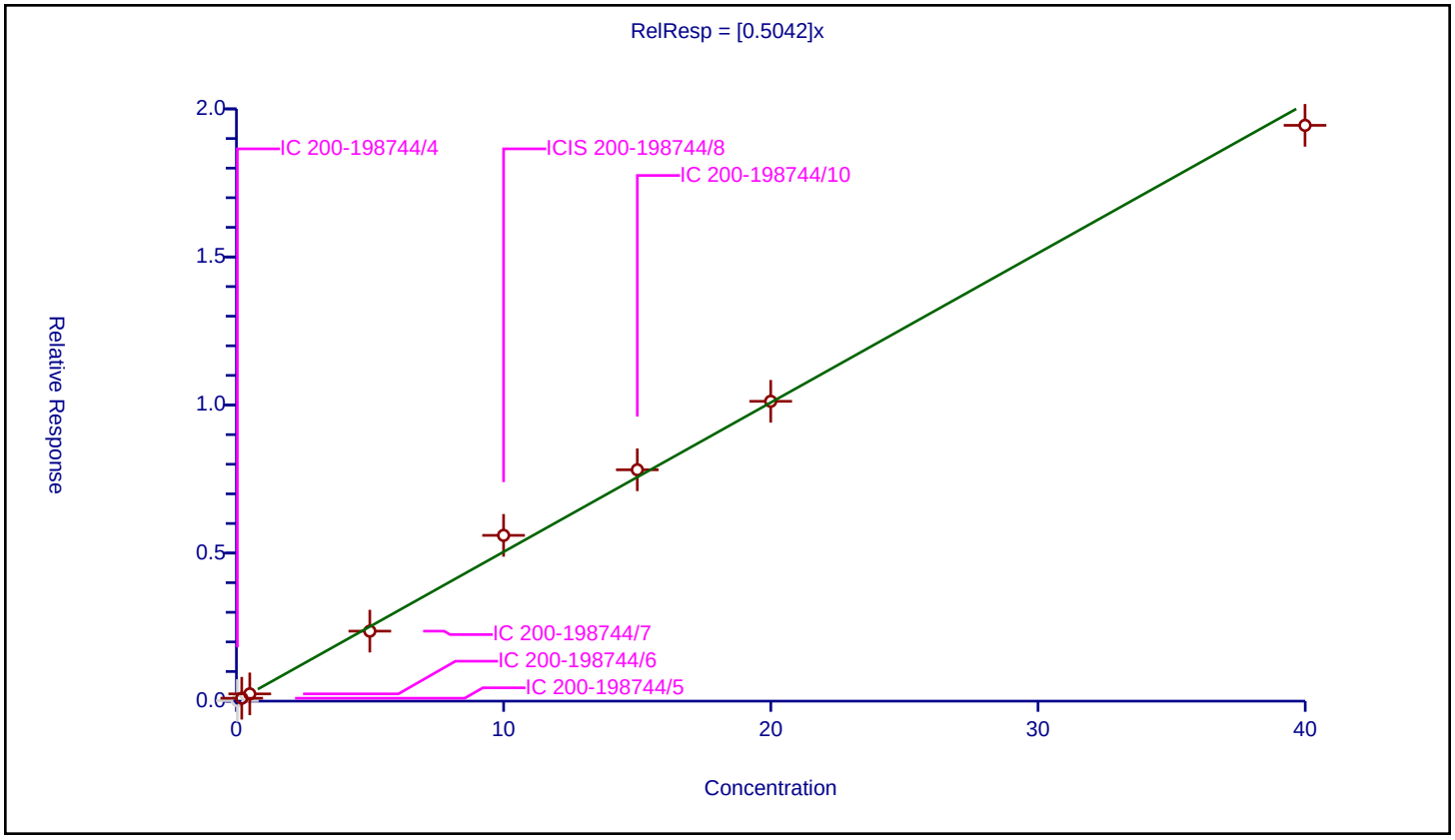
Curve Coefficients

Intercept:	0
Slope:	0.5042

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.018491	10.0	1575941.0	0.527142	N
2	IC 200-198744/5	0.20044	0.098854	10.0	1573634.0	0.493186	Y
3	IC 200-198744/6	0.500453	0.245058	10.0	1533556.0	0.489673	Y
4	IC 200-198744/7	4.992563	2.364098	10.0	1600496.0	0.473524	Y
5	ICIS 200-198744/8	9.99806	5.59831	10.0	1647690.0	0.55994	Y
6	IC 200-198744/10	15.003557	7.81245	10.0	1912747.0	0.520707	Y
7	IC 200-198744/12	19.99612	10.12563	10.0	2008125.0	0.50638	Y
8	IC 200-198744/13	39.99224	19.444597	10.0	2048421.0	0.486209	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

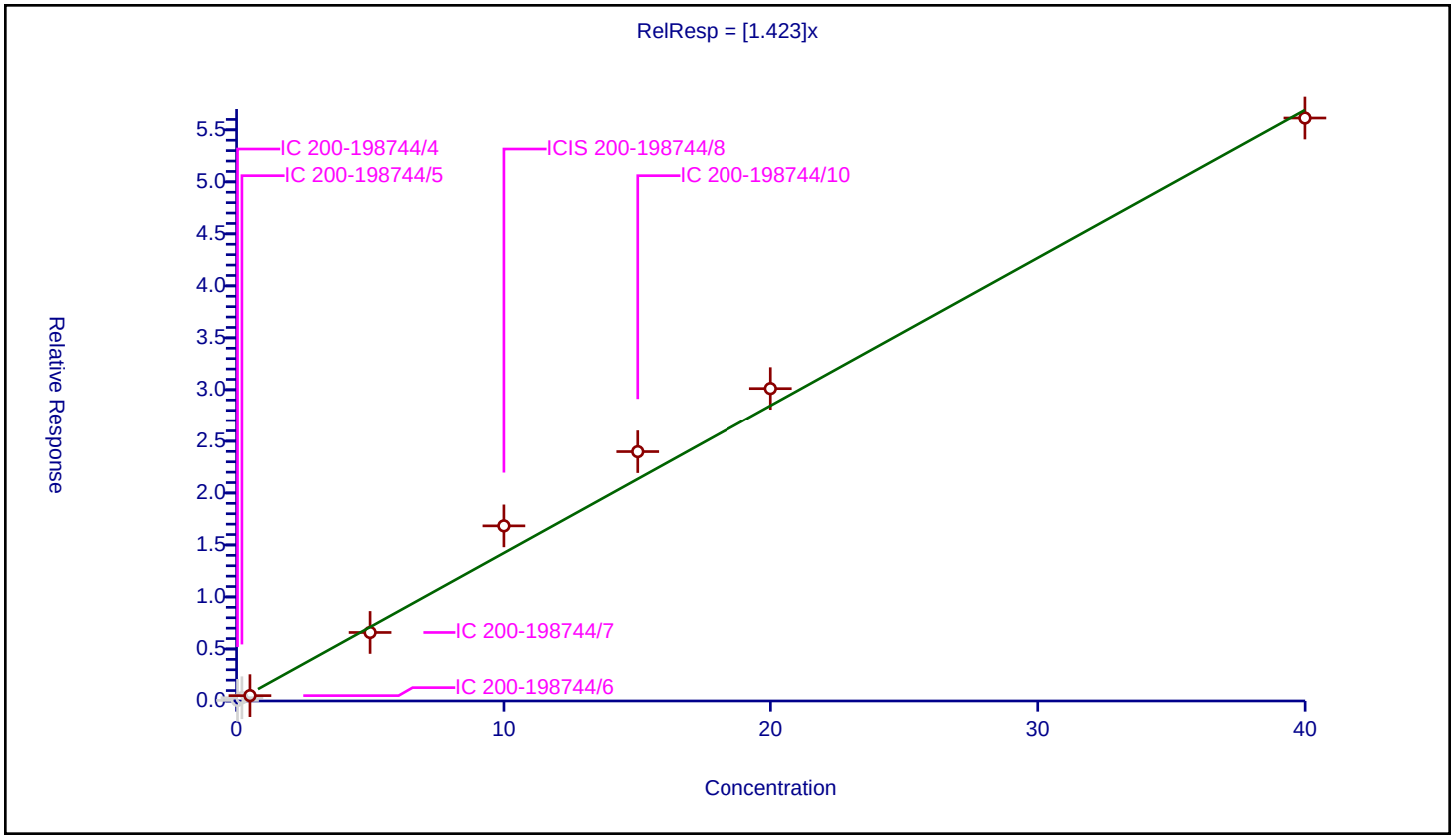
Curve Coefficients

Intercept:	0
Slope:	1.423

Error Coefficients

Standard Error:	6300000
Relative Standard Error:	16.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.05728	10.0	1575941.0	1.632983	N
2	IC 200-198744/5	0.20044	0.312156	10.0	1573634.0	1.557359	N
3	IC 200-198744/6	0.500453	0.514073	10.0	1533556.0	1.027217	Y
4	IC 200-198744/7	4.992563	6.585459	10.0	1600496.0	1.319054	Y
5	ICIS 200-198744/8	9.99806	16.834192	10.0	1647690.0	1.683746	Y
6	IC 200-198744/10	15.003557	23.979857	10.0	1912747.0	1.598278	Y
7	IC 200-198744/12	19.99612	30.11434	10.0	2008125.0	1.506009	Y
8	IC 200-198744/13	39.99224	56.134886	10.0	2048421.0	1.403644	Y



12/21/2023
11:57 AM

Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

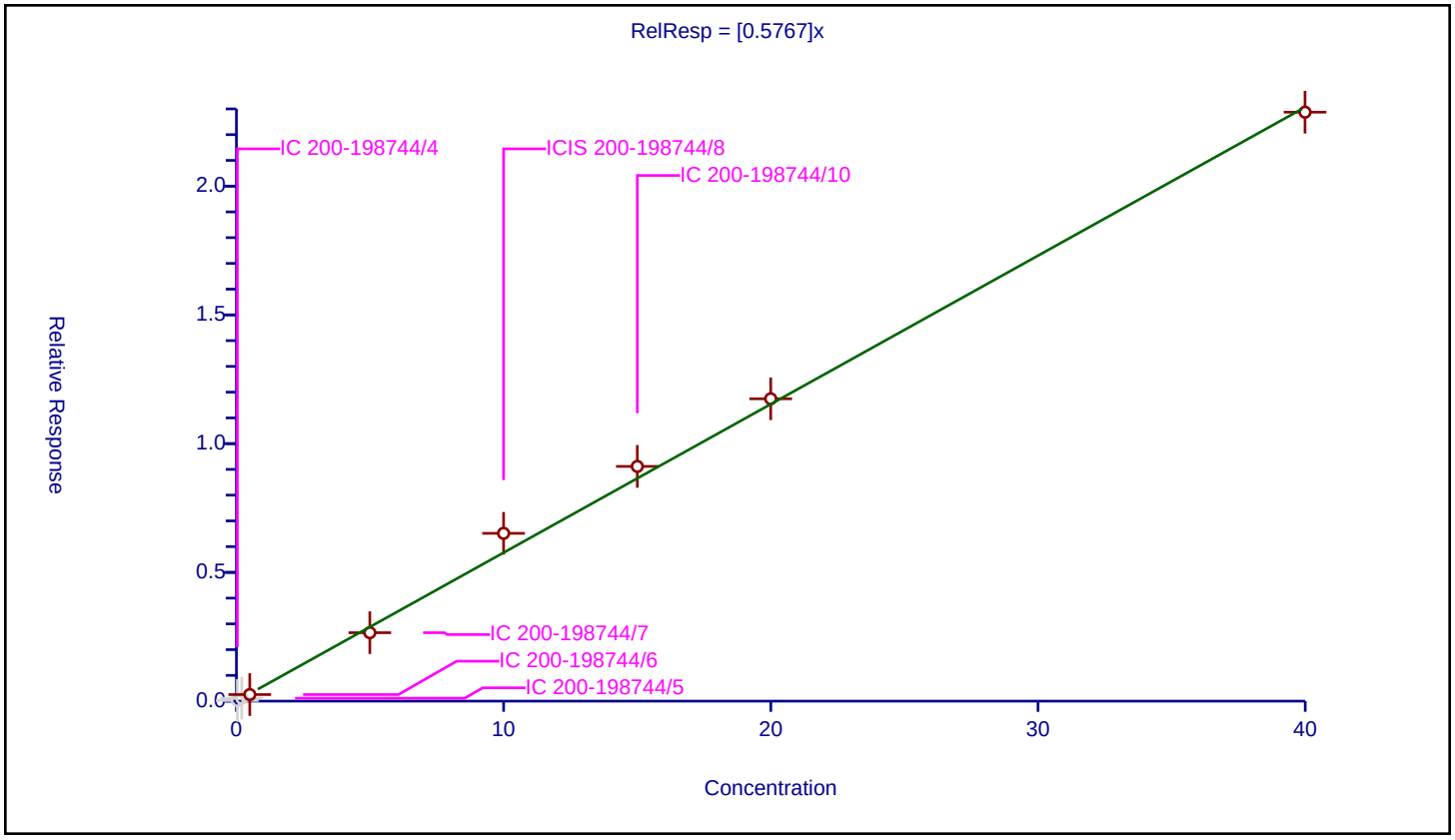
Curve Coefficients

Intercept:	0
Slope:	0.5767

Error Coefficients

Standard Error:	2530000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-198744/4	0.035077	0.024792	10.0	1575941.0	0.706776	N
2	IC 200-198744/5	0.20044	0.113756	10.0	1573634.0	0.567531	N
3	IC 200-198744/6	0.500453	0.254976	10.0	1533556.0	0.509491	Y
4	IC 200-198744/7	4.992563	2.65722	10.0	1600496.0	0.532236	Y
5	ICIS 200-198744/8	9.99806	6.516402	10.0	1647690.0	0.651767	Y
6	IC 200-198744/10	15.003557	9.115722	10.0	1912747.0	0.607571	Y
7	IC 200-198744/12	19.99612	11.742725	10.0	2008125.0	0.58725	Y
8	IC 200-198744/13	39.99224	22.872364	10.0	2048421.0	0.57192	Y



12/21/2023
11:57 AM

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: ICV 200-198744/15 Calibration Date: 12/16/2023 01:17

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58268_015.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5796	0.5774		9.96	10.0	-0.4	30.0
Dichlorodifluoromethane	Ave	2.341	2.457		10.5	10.0	5.0	30.0
Chlorodifluoromethane	Ave	1.337	1.334		9.98	10.0	-0.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.612	2.666		10.2	10.0	2.1	30.0
Chloromethane	Ave	0.8339	0.7787		9.34	10.0	-6.6	30.0
n-Butane	Ave	2.051	1.707		8.32	10.0	-16.8	30.0
Vinyl chloride	Ave	1.549	1.225		7.91	10.0	-20.9	30.0
1,3-Butadiene	Ave	1.166	0.9319		7.99	10.0	-20.1	30.0
Bromomethane	Ave	0.9834	1.019		10.4	10.0	3.6	30.0
Chloroethane	Ave	0.5518	0.5493		9.95	10.0	-0.5	30.0
Isopentane	Ave	1.114	1.079		9.68	10.0	-3.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9538	1.065		11.2	10.0	11.7	30.0
Trichlorofluoromethane	Ave	2.584	2.777		10.7	10.0	7.5	30.0
n-Pentane	Ave	1.808	1.701		9.41	10.0	-5.9	30.0
Ethanol	Ave	0.4518	0.4221		14.0	15.0	-6.6	30.0
Ethyl ether	Ave	0.7377	0.7756		10.5	10.0	5.1	30.0
Acrolein	Ave	0.3958	0.4936		12.5	10.0	24.7	30.0
1,1-Dichloroethene	Ave	1.150	1.153		10.0	10.0	0.2	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.484	2.442		9.83	10.0	-1.7	30.0
Acetone	Ave	1.769	1.662		9.39	10.0	-6.1	30.0
Carbon disulfide	Ave	3.516	3.445		9.80	10.0	-2.0	30.0
Isopropyl alcohol	Ave	1.769	1.870		10.6	10.0	5.7	30.0
Acetonitrile	Ave	0.8846	0.8025		9.07	10.0	-9.3	30.0
3-Chloropropene	Ave	1.513	1.507		9.96	10.0	-0.4	30.0
Methylene Chloride	Ave	1.501	1.366		9.10	10.0	-9.0	30.0
tert-Butyl alcohol	Ave	2.312	2.308		9.98	10.0	-0.2	30.0
Acrylonitrile	Ave	0.9441	0.9192		9.73	10.0	-2.6	30.0
Methyl tert-butyl ether	Ave	3.194	3.408		10.7	10.0	6.7	30.0
trans-1,2-Dichloroethene	Ave	1.924	1.858		9.65	10.0	-3.5	30.0
n-Hexane	Ave	1.862	1.902		10.2	10.0	2.1	30.0
1,1-Dichloroethane	Ave	2.408	2.242		9.31	10.0	-6.9	30.0
Vinyl acetate	Ave	2.857	3.058		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.6286	0.6270		9.97	10.0	-0.2	30.0
cis-1,2-Dichloroethene	Ave	1.248	1.271		10.2	10.0	1.8	30.0
Ethyl acetate	Ave	0.1070	0.1102		10.3	10.0	3.0	30.0
Tetrahydrofuran	Ave	0.2841	0.2791		9.82	10.0	-1.8	30.0
Chloroform	Ave	2.685	2.628		9.79	10.0	-2.1	30.0
1,1,1-Trichloroethane	Ave	0.5231	0.5280		10.1	10.0	0.9	30.0
Cyclohexane	Ave	0.3135	0.3362		10.7	10.0	7.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: ICV 200-198744/15 Calibration Date: 12/16/2023 01:17

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58268_015.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5195	0.5325		10.2	10.0	2.5	30.0
Benzene	Ave	0.7961	0.8034		10.1	10.0	0.9	30.0
1,2-Dichloroethane	Ave	0.3687	0.3541		9.60	10.0	-3.9	30.0
2,2,4-Trimethylpentane	Ave	1.233	1.287		10.4	10.0	4.4	30.0
n-Heptane	Ave	0.4632	0.4655		10.0	10.0	0.5	30.0
n-Butanol	Ave	0.1373	0.1777		12.9	10.0	29.4	30.0
Trichloroethene	Ave	0.3643	0.3598		9.87	10.0	-1.2	30.0
1,2-Dichloropropane	Ave	0.3286	0.3172		9.65	10.0	-3.5	30.0
Methyl methacrylate	Ave	0.2869	0.2979		10.4	10.0	3.9	30.0
1,4-Dioxane	Ave	0.1758	0.1570		8.93	10.0	-10.7	30.0
Dibromomethane	Ave	0.2826	0.2817		9.96	10.0	-0.3	30.0
Bromodichloromethane	Ave	0.5854	0.6032		10.3	10.0	3.0	30.0
cis-1,3-Dichloropropene	Ave	0.4479	0.5161		11.5	10.0	15.2	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6129	0.6192		10.1	10.0	1.0	30.0
Toluene	Ave	0.5702	0.6180		10.8	10.0	8.4	30.0
n-Octane	Ave	0.6323	0.6512		10.3	10.0	3.0	30.0
trans-1,3-Dichloropropene	Ave	0.4247	0.4551		10.7	10.0	7.1	30.0
1,1,2-Trichloroethane	Ave	0.3366	0.3380		10.0	10.0	0.4	30.0
Tetrachloroethene	Ave	0.4349	0.4488		10.3	10.0	3.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6410	0.6579		10.3	10.0	2.6	30.0
Dibromochloromethane	Ave	0.5720	0.6271		11.0	10.0	9.6	30.0
1,2-Dibromoethane	Ave	0.5508	0.5786		10.5	10.0	5.1	30.0
Chlorobenzene	Ave	0.7945	0.8110		10.2	10.0	2.1	30.0
Ethylbenzene	Ave	1.293	1.389		10.7	10.0	7.4	30.0
m,p-Xylene	Ave	0.4726	0.5097		21.6	20.0	7.9	30.0
n-Nonane	Ave	0.7078	0.7218		10.2	10.0	2.0	30.0
o-Xylene	Ave	0.4398	0.4953		11.3	10.0	12.6	30.0
Styrene	Ave	0.7349	0.8283		11.3	10.0	12.7	30.0
Bromoform	Ave	0.4738	0.5807		12.3	10.0	22.6	30.0
Cumene	Ave	1.303	1.476		11.3	10.0	13.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8902	0.8885		9.98	10.0	-0.2	30.0
1,2,3-Trichloropropane	Ave	0.6908	0.6841		9.90	10.0	-1.0	30.0
n-Propylbenzene	Ave	1.717	1.879		10.9	10.0	9.4	30.0
2-Chlorotoluene	Ave	1.136	1.238		10.9	10.0	8.9	30.0
4-Ethyltoluene	Ave	1.349	1.486		11.0	10.0	10.2	30.0
1,3,5-Trimethylbenzene	Ave	1.153	1.244		10.8	10.0	7.8	30.0
n-Decane	Ave	0.9466	0.9412		9.94	10.0	-0.6	30.0
Alpha Methyl Styrene	Ave	0.5374	0.6287		11.7	10.0	17.0	30.0
tert-Butylbenzene	Ave	1.030	1.138		11.0	10.0	10.5	30.0
1,2,4-Trimethylbenzene	Ave	1.182	1.254		10.6	10.0	6.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: ICV 200-198744/15 Calibration Date: 12/16/2023 01:17

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58268_015.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.655	1.820		11.0	10.0	9.9	30.0
1,3-Dichlorobenzene	Ave	0.7816	0.8067		10.3	10.0	3.2	30.0
4-Isopropyltoluene	Ave	1.339	1.461		10.9	10.0	9.1	30.0
1,4-Dichlorobenzene	Ave	0.7858	0.8231		10.5	10.0	4.7	30.0
Benzyl chloride	Ave	1.064	1.239		11.6	10.0	16.4	30.0
n-Butylbenzene	Ave	1.437	1.569		10.9	10.0	9.2	30.0
1,2-Dichlorobenzene	Ave	0.7630	0.7842		10.3	10.0	2.8	30.0
n-Undecane	Ave	1.032	0.9920		9.61	10.0	-3.9	30.0
n-Dodecane	Ave	0.9554	0.8325		8.71	10.0	-12.9	30.0
1,2,4-Trichlorobenzene	Ave	0.6149	0.6718		10.9	10.0	9.2	30.0
Hexachlorobutadiene	Ave	0.5042	0.5640		11.2	10.0	11.9	30.0
Naphthalene	Ave	1.423	1.463		10.3	10.0	2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.5767	0.5567		9.65	10.0	-3.5	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_015.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 16-Dec-2023 01:17:57 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058268-015
Operator ID: wrd Instrument ID: CHAM.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Dec-2023 06:22:52 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: BKZ7 Date: 16-Dec-2023 06:21:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.316	4.321	-0.005	98	277097	10.0	9.96	
2 Dichlorodifluoromethane	85	4.417	4.417	0.000	99	1179175	10.0	10.5	
3 Chlorodifluoromethane	51	4.471	4.471	0.000	97	640466	10.0	9.98	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	95	1279489	10.0	10.2	
5 Chloromethane	50	4.920	4.920	0.000	99	373715	10.0	9.34	
11 BFB									
7 Butane	43	5.220	5.220	0.000	98	819176	10.0	8.32	
6 Vinyl chloride	62	5.225	5.225	0.000	99	587964	10.0	7.91	
8 Butadiene	54	5.337	5.343	-0.006	92	447251	10.0	7.99	
9 Bromomethane	94	6.086	6.086	0.000	99	489082	10.0	10.4	
10 Chloroethane	64	6.365	6.365	0.000	100	263621	10.0	9.95	
12 2-Methylbutane	43	6.568	6.568	0.000	91	517642	10.0	9.68	
13 Vinyl bromide	106	6.798	6.798	0.000	99	511112	10.0	11.2	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	99	1332687	10.0	10.7	
15 Pentane	43	7.162	7.162	0.000	96	816390	10.0	9.41	
16 Ethanol	45	7.376	7.381	-0.005	98	304021	15.0	14.0	
18 Ethyl ether	59	7.590	7.595	-0.005	92	372258	10.0	10.5	
19 Acrolein	56	7.857	7.863	-0.006	96	236902	10.0	12.5	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	98	553322	10.0	10.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.077	-0.001	94	1172101	10.0	9.83	
22 Acetone	43	8.141	8.146	-0.005	98	797484	10.0	9.39	
24 Carbon disulfide	76	8.446	8.446	0.000	99	1653311	10.0	9.80	
23 Isopropyl alcohol	45	8.451	8.456	-0.005	100	897544	10.0	10.6	
25 Acetonitrile	41	8.676	8.676	0.000	99	385156	10.0	9.07	
26 3-Chloro-1-propene	41	8.756	8.756	0.000	98	723112	10.0	9.96	
27 Methylene Chloride	49	8.997	8.997	0.000	93	655519	10.0	9.10	
28 2-Methyl-2-propanol	59	9.232	9.237	-0.005	99	1107727	10.0	9.98	
29 Acrylonitrile	53	9.425	9.425	0.000	94	441162	10.0	9.73	
30 trans-1,2-Dichloroethene	61	9.494	9.494	0.000	96	891616	10.0	9.65	
31 Methyl tert-butyl ether	73	9.494	9.500	-0.006	97	1635738	10.0	10.7	
32 Hexane	57	9.997	9.997	0.000	93	912672	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.8	
33 1,1-Dichloroethane	63	10.281	10.286	-0.005	100	1076181	10.0	9.31	
34 Vinyl acetate	43	10.291	10.291	0.000	100	1467464	10.0	10.7	
36 2-Butanone (MEK)	72	11.281	11.276	0.005	99	300944	10.0	9.97	
37 cis-1,2-Dichloroethene	96	11.297	11.297	0.000	95	609957	10.0	10.2	
38 Ethyl acetate	88	11.345	11.345	0.000	100	52885	10.0	10.3	
* 39 Chlorobromomethane	128	11.714	11.714	0.000	95	480030	10.0	10.0	
40 Tetrahydrofuran	42	11.741	11.746	-0.005	92	646494	10.0	9.82	
41 Chloroform	83	11.891	11.891	0.000	96	1261493	10.0	9.79	
42 1,1,1-Trichloroethane	97	12.190	12.191	0.000	99	1223099	10.0	10.1	
43 Cyclohexane	84	12.314	12.314	0.000	99	778743	10.0	10.7	
44 Carbon tetrachloride	117	12.463	12.458	0.005	97	1233572	10.0	10.2	
45 Benzene	78	12.822	12.822	0.000	96	1861084	10.0	10.1	
46 1,2-Dichloroethane	62	12.907	12.907	0.000	93	820317	10.0	9.60	
47 Isooctane	57	13.025	13.025	0.000	99	2980175	10.0	10.4	
48 n-Heptane	43	13.330	13.330	0.000	92	1078322	10.0	10.0	
* 49 1,4-Difluorobenzene	114	13.565	13.565	0.000	95	2316853	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	88	411720	10.0	12.9	M
51 Trichloroethene	95	13.993	13.993	0.000	94	833364	10.0	9.87	
A 52 GRO	1	14.288	(6.558-22.017)		0	266988898	649.9	0	
53 1,2-Dichloropropane	63	14.464	14.464	0.000	91	734828	10.0	9.65	
54 Methyl methacrylate	69	14.544	14.544	0.000	97	690083	10.0	10.4	
55 1,4-Dioxane	88	14.593	14.593	-0.001	95	363586	10.0	8.93	
57 Dibromomethane	174	14.625	14.625	0.000	92	652477	10.0	9.96	
58 Dichlorobromomethane	83	14.940	14.940	0.000	98	1397195	10.0	10.3	
A 60 TVOC as Toluene	1	15.681	(4.311-27.051)		0	405218564	899.8	0	
59 cis-1,3-Dichloropropene	75	15.743	15.743	0.000	93	1195554	10.0	11.5	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.016	-0.006	97	1434216	10.0	10.1	
62 Toluene	92	16.374	16.374	0.000	93	1283609	10.0	10.8	
A 63 Toluene Range	1	16.379	(16.304-16.454)		0	5240763	NC	NC	
64 n-Octane	43	16.604	16.604	0.000	93	1508451	10.0	10.3	
A 65 C8 Range	1	16.604	(16.524-16.684)		0	5833331	NC	NC	
66 trans-1,3-Dichloropropene	75	16.807	16.807	0.000	96	1054148	10.0	10.7	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	702081	10.0	10.0	
68 Tetrachloroethene	166	17.358	17.358	0.000	96	932097	10.0	10.3	
69 2-Hexanone	43	17.599	17.599	0.000	95	1366500	10.0	10.3	
70 Chlorodibromomethane	129	17.920	17.920	0.000	98	1302444	10.0	11.0	
71 Ethylene Dibromide	107	18.161	18.161	0.000	98	1201860	10.0	10.5	
* 73 Chlorobenzene-d5	117	19.065	19.070	-0.005	89	2077491	10.0	10.0	
74 Chlorobenzene	112	19.129	19.124	0.005	92	1684540	10.0	10.2	
75 Ethylbenzene	91	19.311	19.311	0.000	99	2884744	10.0	10.7	
76 m-Xylene & p-Xylene	106	19.573	19.579	-0.006	0	2117584	20.0	21.6	
77 n-Nonane	57	19.621	19.616	0.005	89	1499306	10.0	10.2	
S 80 Xylenes, Total	106				0		30.0	32.8	
78 o-Xylene	106	20.344	20.344	0.000	98	1028720	10.0	11.3	
79 Styrene	104	20.381	20.381	0.000	100	1720402	10.0	11.3	
81 Bromoform	173	20.718	20.718	0.000	94	1206093	10.0	12.3	
82 Isopropylbenzene	105	21.007	21.012	-0.005	98	3065030	10.0	11.3	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	1845464	10.0	9.98	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	99	1420898	10.0	9.90	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	3902376	10.0	10.9	
86 2-Chlorotoluene	91	21.858	21.858	0.000	96	2570725	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	3086426	10.0	11.0	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	92	2582891	10.0	10.8	
89 n-Decane	57	22.007	22.007	0.000	91	1955033	10.0	9.94	
90 Alpha Methyl Styrene	118	22.318	22.312	0.006	86	1305953	10.0	11.7	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	2364660	10.0	11.0	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	98	2604811	10.0	10.6	
93 sec-Butylbenzene	105	22.788	22.783	0.005	98	3779423	10.0	11.0	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	99	1675532	10.0	10.3	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	3035258	10.0	10.9	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	92	1709682	10.0	10.5	
97 Benzyl chloride	91	23.254	23.259	-0.005	98	2573459	10.0	11.6	
98 n-Butylbenzene	91	23.564	23.559	0.005	99	3259860	10.0	10.9	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	1628850	10.0	10.3	
100 Undecane	57	23.698	23.698	0.000	95	2060565	10.0	9.61	
101 Dodecane	57	25.324	25.324	0.000	98	1729233	10.0	8.71	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	94	1395332	10.0	10.9	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	96	1171448	10.0	11.2	
104 Naphthalene	128	26.613	26.614	-0.001	99	3038240	10.0	10.3	
105 1,2,3-Trichlorobenzene	180	27.041	27.041	0.000	97	1156261	10.0	9.65	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15LCSW_00873	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

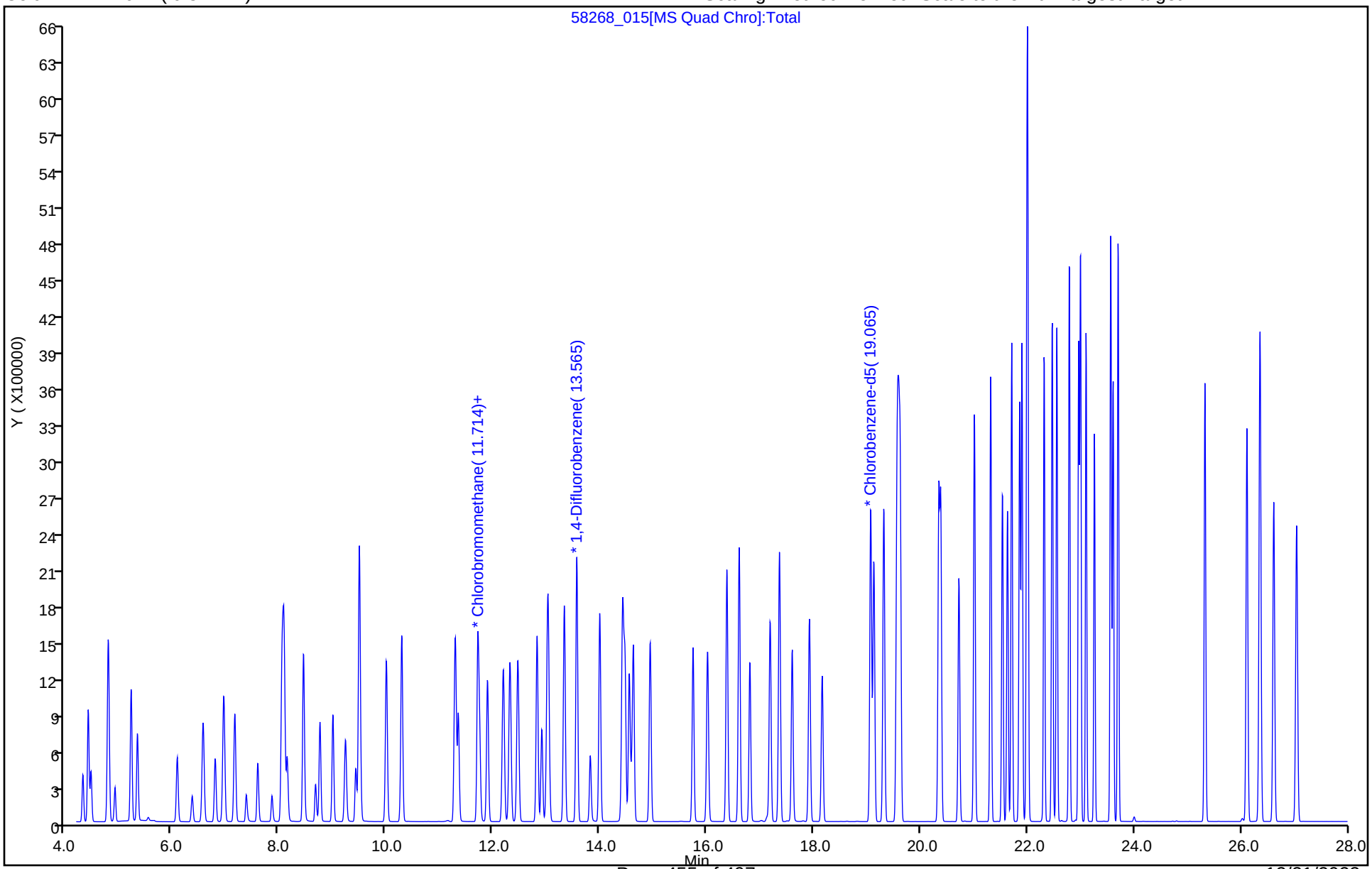
Report Date: 16-Dec-2023 06:22:53 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_015.D

Injection Date:	16-Dec-2023 01:17:57	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	ICV			Worklist Smp#:	15
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

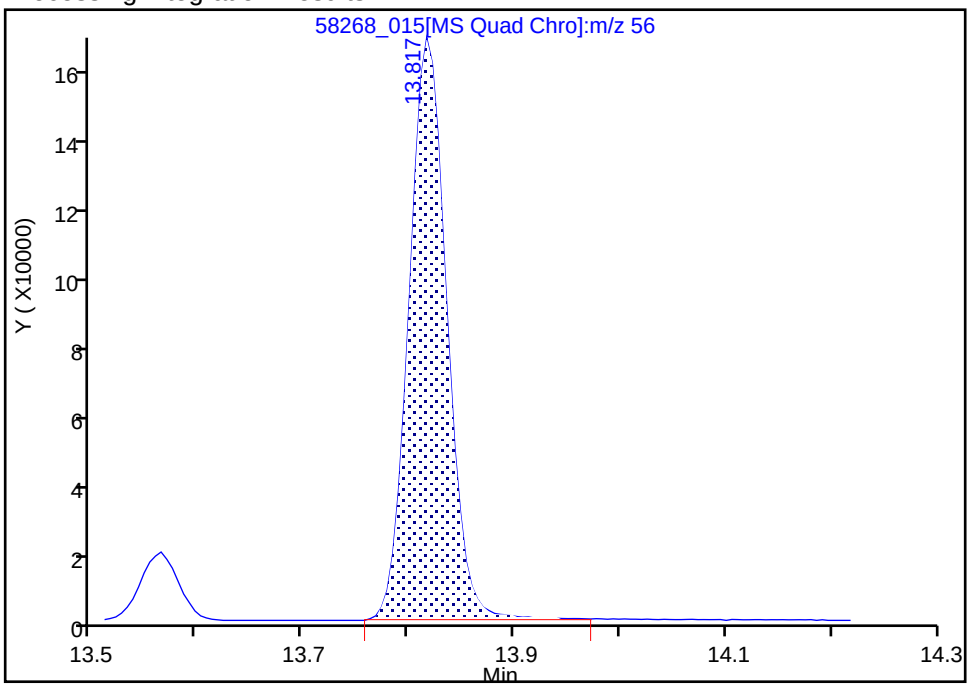
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_015.D				
Injection Date:	16-Dec-2023 01:17:57	Instrument ID:	CHAM.i		
Lims ID:	ICV				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 n-Butanol, CAS: 71-36-3

Signal: 1

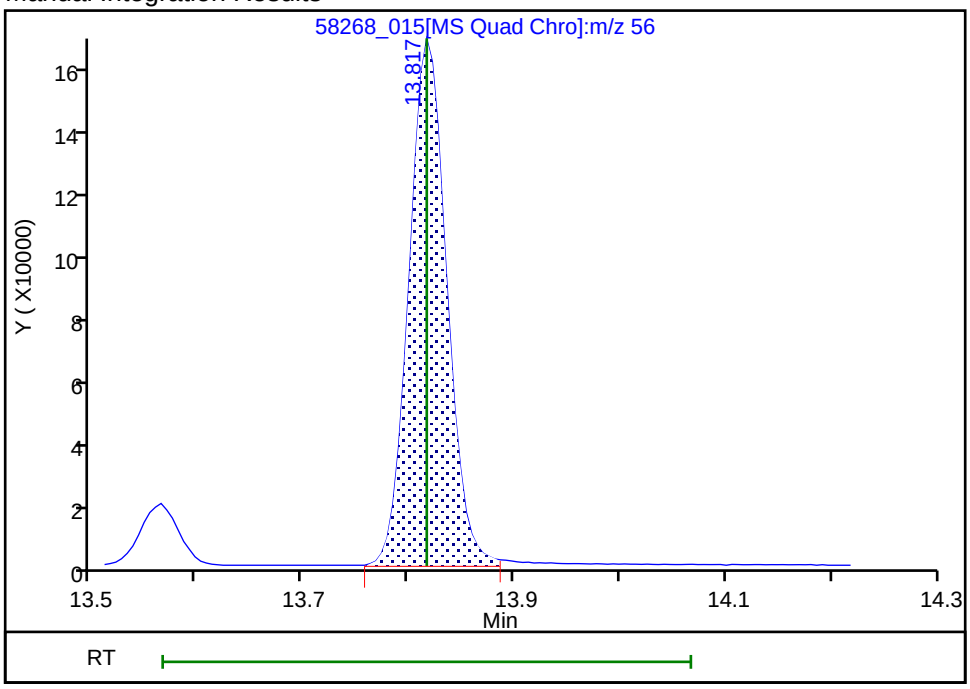
Processing Integration Results

RT: 13.82
Area: 415674
Amount: 13.062973
Amount Units: ppb v/v



Manual Integration Results

RT: 13.82
Area: 411720
Amount: 12.938715
Amount Units: ppb v/v



Reviewer: BKZ7, 16-Dec-2023 06:20:44 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: CCVIS 200-198901/2 Calibration Date: 12/20/2023 08:30

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58316_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5796	0.5857		10.1	10.0	1.0	30.0
Dichlorodifluoromethane	Ave	2.341	2.157		9.21	10.0	-7.9	30.0
Chlorodifluoromethane	Ave	1.337	1.333		9.96	10.0	-0.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.612	2.568		9.83	10.0	-1.7	30.0
Chloromethane	Ave	0.8339	0.8068		9.67	10.0	-3.3	30.0
n-Butane	Ave	2.051	2.178		10.6	10.0	6.2	30.0
Vinyl chloride	Ave	1.549	1.582		10.2	10.0	2.1	30.0
1,3-Butadiene	Ave	1.166	1.136		9.74	10.0	-2.6	30.0
Bromomethane	Ave	0.9834	0.9498		9.66	10.0	-3.4	30.0
Chloroethane	Ave	0.5518	0.5467		9.90	10.0	-0.9	30.0
Isopentane	Ave	1.114	1.127		10.1	10.0	1.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9538	0.9298		9.75	10.0	-2.5	30.0
Trichlorofluoromethane	Ave	2.584	2.462		9.53	10.0	-4.7	30.0
n-Pentane	Ave	1.808	1.831		10.1	10.0	1.3	30.0
Ethanol	Ave	0.4518	0.4246		14.1	15.0	-6.0	30.0
Ethyl ether	Ave	0.7377	0.7450		10.1	10.0	1.0	30.0
Acrolein	Ave	0.3958	0.3557		8.98	10.0	-10.1	30.0
1,1-Dichloroethene	Ave	1.150	1.119		9.73	10.0	-2.7	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.484	2.425		9.76	10.0	-2.4	30.0
Acetone	Ave	1.769	1.819		10.3	10.0	2.8	30.0
Carbon disulfide	Ave	3.516	3.516		10.0	10.0	0.0	30.0
Isopropyl alcohol	Ave	1.769	1.871		10.6	10.0	5.7	30.0
Acetonitrile	Ave	0.8846	0.9572		10.8	10.0	8.2	30.0
3-Chloropropene	Ave	1.513	1.365		9.02	10.0	-9.8	30.0
Methylene Chloride	Ave	1.501	1.551		10.3	10.0	3.3	30.0
tert-Butyl alcohol	Ave	2.312	2.373		10.3	10.0	2.6	30.0
Acrylonitrile	Ave	0.9441	0.9486		10.0	10.0	0.5	30.0
trans-1,2-Dichloroethene	Ave	1.924	1.981		10.3	10.0	2.9	30.0
Methyl tert-butyl ether	Ave	3.194	3.363		10.5	10.0	5.3	30.0
n-Hexane	Ave	1.862	1.963		10.5	10.0	5.4	30.0
1,1-Dichloroethane	Ave	2.408	2.389		9.92	10.0	-0.8	30.0
Vinyl acetate	Ave	2.857	3.010		8.32	7.90	5.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.6286	0.6317		10.0	10.0	0.5	30.0
cis-1,2-Dichloroethene	Ave	1.248	1.263		10.1	10.0	1.2	30.0
Ethyl acetate	Ave	0.1070	0.1050		9.82	10.0	-1.8	30.0
Tetrahydrofuran	Ave	0.2841	0.3113		11.0	10.0	9.6	30.0
Chloroform	Ave	2.685	2.655		9.89	10.0	-1.1	30.0
1,1,1-Trichloroethane	Ave	0.5231	0.5267		10.1	10.0	0.7	30.0
Cyclohexane	Ave	0.3135	0.3321		10.6	10.0	5.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: CCVIS 200-198901/2 Calibration Date: 12/20/2023 08:30

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58316_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5195	0.5211		10.0	10.0	0.3	30.0
Benzene	Ave	0.7961	0.8150		10.2	10.0	2.4	30.0
1,2-Dichloroethane	Ave	0.3687	0.3796		10.3	10.0	3.0	30.0
2,2,4-Trimethylpentane	Ave	1.233	1.379		11.2	10.0	11.8	30.0
n-Heptane	Ave	0.4632	0.5248		11.3	10.0	13.3	30.0
n-Butanol	Ave	0.1373	0.1398		10.2	10.0	1.8	30.0
Trichloroethene	Ave	0.3643	0.3609		9.91	10.0	-0.9	30.0
1,2-Dichloropropane	Ave	0.3286	0.3439		10.5	10.0	4.7	30.0
Methyl methacrylate	Ave	0.2869	0.3063		10.7	10.0	6.8	30.0
1,4-Dioxane	Ave	0.1758	0.1711		9.73	10.0	-2.7	30.0
Dibromomethane	Ave	0.2826	0.3095		10.9	10.0	9.5	30.0
Bromodichloromethane	Ave	0.5854	0.5955		10.2	10.0	1.7	30.0
cis-1,3-Dichloropropene	Ave	0.4479	0.4825		10.8	10.0	7.7	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6129	0.7025		11.5	10.0	14.6	30.0
Toluene	Ave	0.5702	0.5978		10.5	10.0	4.8	30.0
n-Octane	Ave	0.6323	0.7509		11.9	10.0	18.8	30.0
trans-1,3-Dichloropropene	Ave	0.4247	0.4565		10.7	10.0	7.5	30.0
1,1,2-Trichloroethane	Ave	0.3366	0.3367		10.0	10.0	0.0	30.0
Tetrachloroethene	Ave	0.4349	0.4332		9.96	10.0	-0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6410	0.7243		11.3	10.0	13.0	30.0
Dibromochloromethane	Ave	0.5720	0.5417		9.47	10.0	-5.3	30.0
1,2-Dibromoethane	Ave	0.5508	0.5645		10.2	10.0	2.5	30.0
Chlorobenzene	Ave	0.7945	0.7962		10.0	10.0	0.2	30.0
Ethylbenzene	Ave	1.293	1.386		10.7	10.0	7.2	30.0
m,p-Xylene	Ave	0.4726	0.5215		22.1	20.0	10.3	30.0
n-Nonane	Ave	0.7078	0.7928		11.2	10.0	12.0	30.0
o-Xylene	Ave	0.4398	0.4901		11.1	10.0	11.4	30.0
Styrene	Ave	0.7349	0.8473		11.5	10.0	15.3	30.0
Bromoform	Ave	0.4738	0.3761		7.94	10.0	-20.6	30.0
Cumene	Ave	1.303	1.485		11.4	10.0	13.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8902	0.9262		10.4	10.0	4.0	30.0
1,2,3-Trichloropropane	Ave	0.6908	0.7179		10.4	10.0	3.9	30.0
n-Propylbenzene	Ave	1.717	1.916		11.2	10.0	11.6	30.0
2-Chlorotoluene	Ave	1.136	1.234		10.9	10.0	8.6	30.0
4-Ethyltoluene	Ave	1.349	1.513		11.2	10.0	12.2	30.0
1,3,5-Trimethylbenzene	Ave	1.153	1.315		11.4	10.0	14.0	30.0
n-Decane	Ave	0.9466	1.073		11.3	10.0	13.3	30.0
Alpha Methyl Styrene	Ave	0.5374	0.6213		11.6	10.0	15.6	30.0
tert-Butylbenzene	Ave	1.030	1.167		11.3	10.0	13.3	30.0
1,2,4-Trimethylbenzene	Ave	1.182	1.309		11.1	10.0	10.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Lab Sample ID: CCVIS 200-198901/2 Calibration Date: 12/20/2023 08:30

Instrument ID: CHAM.i Calib Start Date: 12/15/2023 15:51

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/15/2023 23:35

Lab File ID: 58316_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.655	1.906		11.5	10.0	15.2	30.0
1,3-Dichlorobenzene	Ave	0.7816	0.8471		10.8	10.0	8.4	30.0
4-Isopropyltoluene	Ave	1.339	1.552		11.6	10.0	15.9	30.0
1,4-Dichlorobenzene	Ave	0.7858	0.8506		10.8	10.0	8.2	30.0
Benzyl chloride	Ave	1.064	1.166		11.0	10.0	9.6	30.0
n-Butylbenzene	Ave	1.437	1.685		11.7	10.0	17.3	30.0
1,2-Dichlorobenzene	Ave	0.7630	0.8233		10.8	10.0	7.9	30.0
n-Undecane	Ave	1.032	1.155		11.2	10.0	12.0	30.0
n-Dodecane	Ave	0.9554	1.028		10.8	10.0	7.6	30.0
1,2,4-Trichlorobenzene	Ave	0.6149	0.6662		10.8	10.0	8.3	30.0
Hexachlorobutadiene	Ave	0.5042	0.5344		10.6	10.0	6.0	30.0
Naphthalene	Ave	1.423	1.594		11.2	10.0	12.0	30.0
1,2,3-Trichlorobenzene	Ave	0.5767	0.6219		10.8	10.0	7.8	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_002.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Dec-2023 08:30:52 ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:46:36 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1649

First Level Reviewer: F7XK Date: 21-Dec-2023 07:46:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.326	4.326	0.000	98	203077	10.0	10.1	
2 Dichlorodifluoromethane	85	4.428	4.428	0.000	99	747738	10.0	9.21	
3 Chlorodifluoromethane	51	4.476	4.476	0.000	97	462072	10.0	9.96	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.797	4.797	0.000	97	890250	10.0	9.83	
5 Chloromethane	50	4.926	4.926	0.000	99	279722	10.0	9.67	
11 BFB									
7 Butane	43	5.225	5.225	0.000	99	755027	10.0	10.6	
6 Vinyl chloride	62	5.230	5.230	0.000	100	548426	10.0	10.2	
8 Butadiene	54	5.343	5.343	0.000	91	393837	10.0	9.74	
9 Bromomethane	94	6.086	6.086	0.000	99	329313	10.0	9.66	
10 Chloroethane	64	6.365	6.365	0.000	100	189545	10.0	9.90	
12 2-Methylbutane	43	6.573	6.573	0.000	92	390843	10.0	10.1	
13 Vinyl bromide	106	6.798	6.798	0.000	99	322387	10.0	9.75	
14 Trichlorofluoromethane	101	6.958	6.958	0.000	98	853664	10.0	9.53	
15 Pentane	43	7.162	7.162	0.000	96	634921	10.0	10.1	
16 Ethanol	45	7.376	7.376	0.000	98	220933	15.0	14.1	
18 Ethyl ether	59	7.590	7.590	0.000	94	258293	10.0	10.1	
19 Acrolein	56	7.857	7.857	0.000	95	123328	10.0	8.98	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	97	387991	10.0	9.73	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.077	8.077	0.000	93	840649	10.0	9.76	
22 Acetone	43	8.141	8.141	0.000	98	630712	10.0	10.3	
24 Carbon disulfide	76	8.446	8.446	0.000	100	1219028	10.0	10.0	
23 Isopropyl alcohol	45	8.451	8.451	0.000	100	648782	10.0	10.6	
25 Acetonitrile	41	8.670	8.670	0.000	99	331879	10.0	10.8	M
26 3-Chloro-1-propene	41	8.756	8.756	0.000	98	473239	10.0	9.02	
27 Methylene Chloride	49	8.997	8.997	0.000	97	537804	10.0	10.3	
28 2-Methyl-2-propanol	59	9.232	9.232	0.000	98	822794	10.0	10.3	
29 Acrylonitrile	53	9.425	9.425	0.000	95	328903	10.0	10.0	M
30 trans-1,2-Dichloroethene	61	9.489	9.489	0.000	95	686768	10.0	10.3	
31 Methyl tert-butyl ether	73	9.494	9.494	0.000	98	1165938	10.0	10.5	
32 Hexane	57	9.997	9.997	0.000	94	680533	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.4	
33 1,1-Dichloroethane	63	10.281	10.281	0.000	100	828193	10.0	9.92	
34 Vinyl acetate	43	10.286	10.286	0.000	100	824596	7.90	8.32	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	100	219028	10.0	10.0	
37 cis-1,2-Dichloroethene	96	11.292	11.292	0.000	97	437994	10.0	10.1	
38 Ethyl acetate	88	11.345	11.345	0.000	99	36416	10.0	9.82	
* 39 Chlorobromomethane	128	11.709	11.709	0.000	98	346792	10.0	10.0	
40 Tetrahydrofuran	42	11.741	11.741	0.000	94	506826	10.0	11.0	
41 Chloroform	83	11.891	11.891	0.000	97	920685	10.0	9.89	
42 1,1,1-Trichloroethane	97	12.185	12.185	0.000	98	857546	10.0	10.1	
43 Cyclohexane	84	12.308	12.308	0.000	96	540820	10.0	10.6	
44 Carbon tetrachloride	117	12.458	12.458	0.000	96	848503	10.0	10.0	
45 Benzene	78	12.816	12.816	0.000	97	1326981	10.0	10.2	
46 1,2-Dichloroethane	62	12.902	12.902	0.000	93	618003	10.0	10.3	
47 Isooctane	57	13.020	13.020	0.000	99	2244559	10.0	11.2	
48 n-Heptane	43	13.325	13.325	0.000	95	854451	10.0	11.3	
* 49 1,4-Difluorobenzene	114	13.560	13.560	0.000	96	1628563	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	91	227630	10.0	10.2	
51 Trichloroethene	95	13.988	13.988	0.000	93	587713	10.0	9.91	
A 52 GRO	1	14.290	(6.563-22.017)		0	201007817	649.9	0	
53 1,2-Dichloropropane	63	14.459	14.459	0.000	92	560011	10.0	10.5	
54 Methyl methacrylate	69	14.539	14.539	0.000	94	498790	10.0	10.7	
55 1,4-Dioxane	88	14.587	14.587	0.000	99	278647	10.0	9.73	
57 Dibromomethane	174	14.619	14.619	0.000	91	504020	10.0	10.9	
58 Dichlorobromomethane	83	14.935	14.935	0.000	98	969670	10.0	10.2	
A 60 TVOC as Toluene	1	15.687	(4.316-27.057)		0	309618992	899.8	0	
59 cis-1,3-Dichloropropene	75	15.737	15.737	0.000	95	785550	10.0	10.8	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.010	0.000	97	1143806	10.0	11.5	
62 Toluene	92	16.369	16.369	0.000	93	909284	10.0	10.5	
A 63 Toluene Range	1	16.374	(16.299-16.449)		0	3852123	NC	NC	
64 n-Octane	43	16.599	16.599	0.000	95	1222685	10.0	11.9	
A 65 C8 Range	1	16.609	(16.518-16.700)		0	4521834	NC	NC	
66 trans-1,3-Dichloropropene	75	16.802	16.802	0.000	98	743319	10.0	10.7	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	512111	10.0	10.0	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	658997	10.0	9.96	
69 2-Hexanone	43	17.594	17.594	0.000	93	1101665	10.0	11.3	
70 Chlorodibromomethane	129	17.915	17.915	0.000	97	823890	10.0	9.47	
71 Ethylene Dibromide	107	18.156	18.156	0.000	98	858663	10.0	10.2	
* 73 Chlorobenzene-d5	117	19.065	19.065	0.000	90	1521351	10.0	10.0	
74 Chlorobenzene	112	19.124	19.124	0.000	91	1211031	10.0	10.0	
75 Ethylbenzene	91	19.311	19.311	0.000	99	2108547	10.0	10.7	
76 m-Xylene & p-Xylene	106	19.573	19.573	0.000	0	1586458	20.0	22.1	
77 n-Nonane	57	19.616	19.616	0.000	93	1205916	10.0	11.2	
S 80 Xylenes, Total	106				0		30.0	33.2	
78 o-Xylene	106	20.344	20.344	0.000	97	745485	10.0	11.1	
79 Styrene	104	20.376	20.376	0.000	99	1288810	10.0	11.5	
81 Bromoform	173	20.718	20.718	0.000	93	572003	10.0	7.94	
82 Isopropylbenzene	105	21.007	21.007	0.000	99	2258860	10.0	11.4	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	1408825	10.0	10.4	
84 1,2,3-Trichloropropane	75	21.628	21.628	0.000	99	1091935	10.0	10.4	
85 N-Propylbenzene	91	21.708	21.708	0.000	99	2914050	10.0	11.2	
86 2-Chlorotoluene	91	21.858	21.858	0.000	96	1876401	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	2301524	10.0	11.2	
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	91	2000106	10.0	11.4	
89 n-Decane	57	22.007	22.007	0.000	91	1631863	10.0	11.3	
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	84	945038	10.0	11.6	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	1774661	10.0	11.3	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	99	1991672	10.0	11.1	
93 sec-Butylbenzene	105	22.783	22.783	0.000	98	2898897	10.0	11.5	
94 1,3-Dichlorobenzene	146	22.960	22.960	0.000	98	1288416	10.0	10.8	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	2360205	10.0	11.6	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	1293871	10.0	10.8	
97 Benzyl chloride	91	23.254	23.254	0.000	98	1773049	10.0	11.0	
98 n-Butylbenzene	91	23.559	23.559	0.000	98	2562614	10.0	11.7	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	1252257	10.0	10.8	
100 Undecane	57	23.698	23.698	0.000	96	1757358	10.0	11.2	
101 Dodecane	57	25.324	25.324	0.000	96	1564299	10.0	10.8	
102 1,2,4-Trichlorobenzene	180	26.111	26.111	0.000	93	1013367	10.0	10.8	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	96	812917	10.0	10.6	
104 Naphthalene	128	26.614	26.614	0.000	98	2424941	10.0	11.2	
105 1,2,3-Trichlorobenzene	180	27.047	27.047	0.000	94	945870	10.0	10.8	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL4w_00820	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

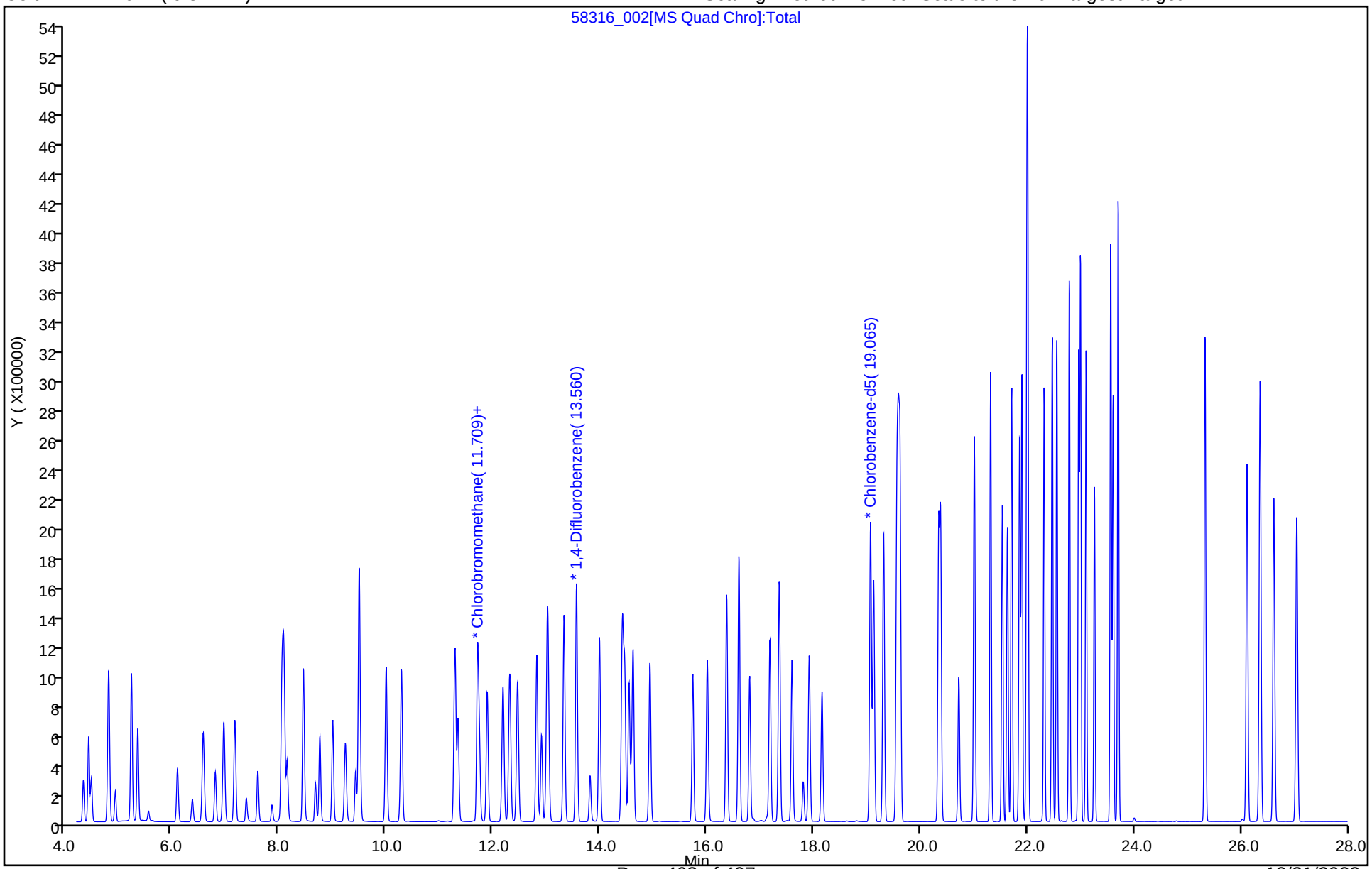
Report Date: 21-Dec-2023 07:46:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_002.D

Injection Date:	20-Dec-2023 08:30:52	Instrument ID:	CHAM.i	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

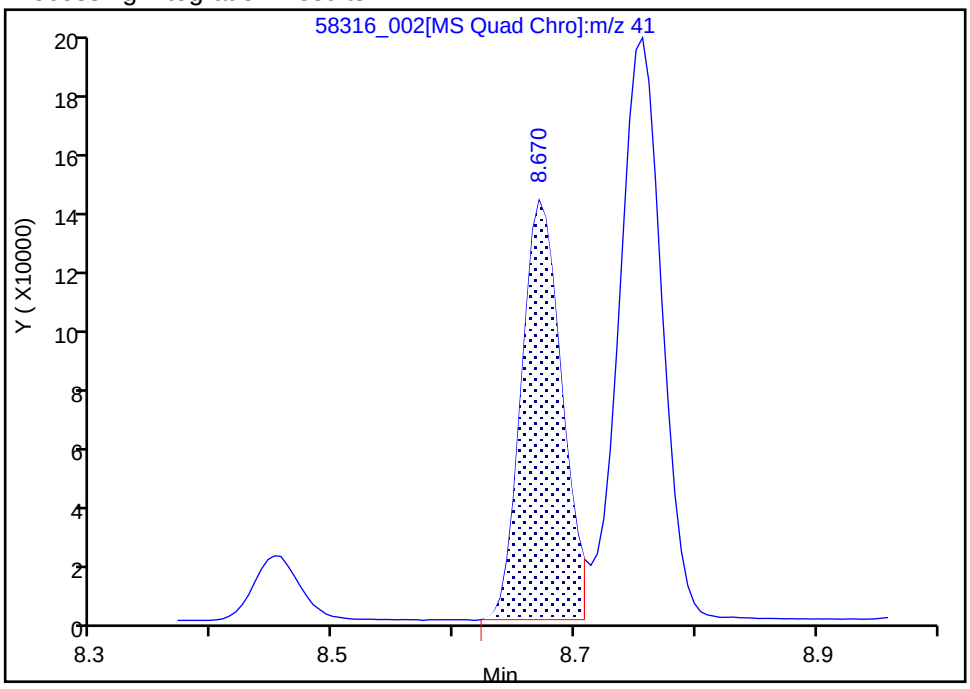
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Injection Date:	20-Dec-2023 08:30:52	Instrument ID:	CHAM.i		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

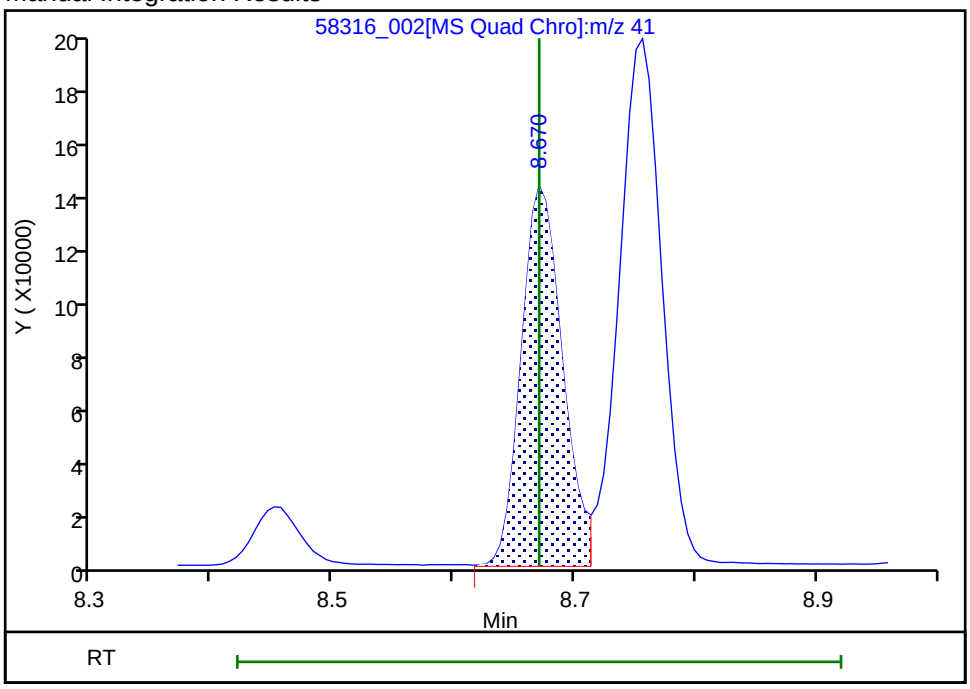
Processing Integration Results

RT: 8.67
Area: 325558
Amount: 10.612084
Amount Units: ppb v/v



Manual Integration Results

RT: 8.67
Area: 331879
Amount: 10.818127
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 07:45:49 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

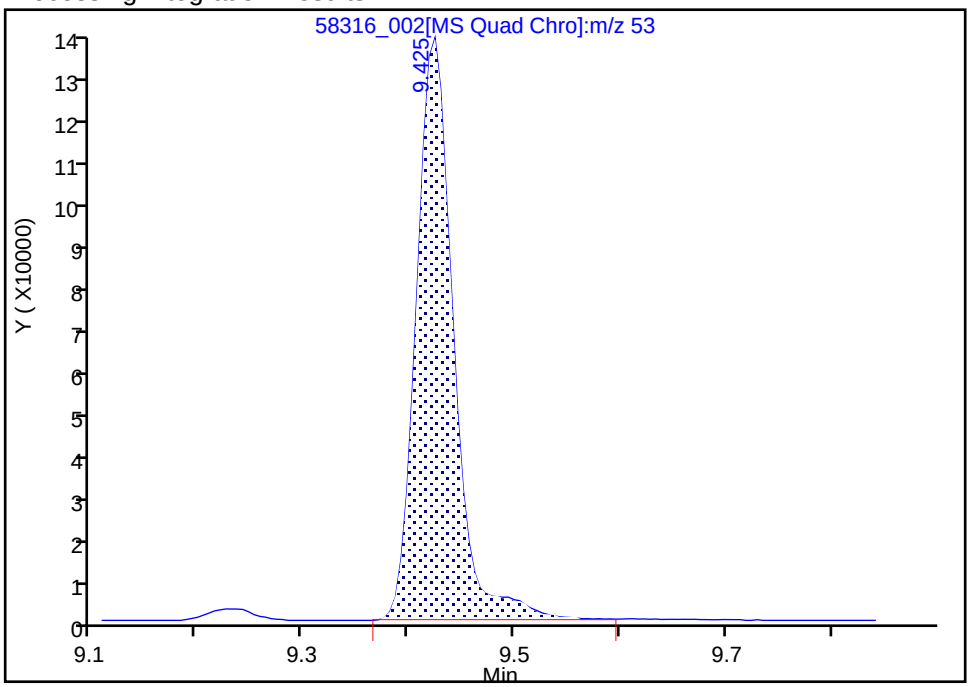
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Injection Date:	20-Dec-2023 08:30:52	Instrument ID:	CHAM.i		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

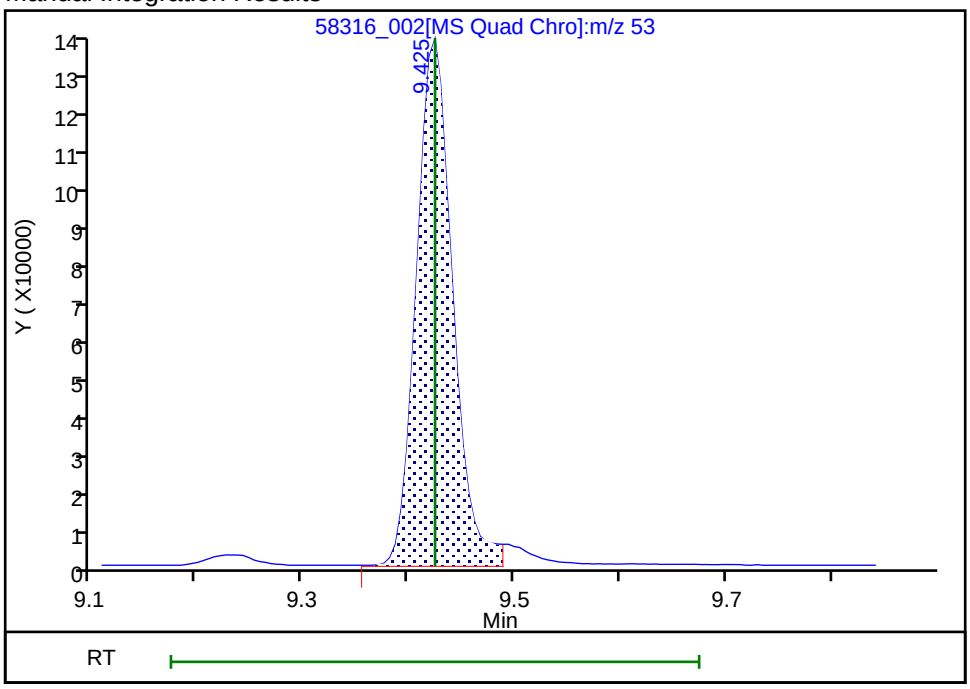
Processing Integration Results

RT: 9.42
Area: 339724
Amount: 10.375739
Amount Units: ppb v/v



Manual Integration Results

RT: 9.42
Area: 328903
Amount: 10.045248
Amount Units: ppb v/v



Reviewer: F7XK, 21-Dec-2023 07:46:17 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_001.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	15-Dec-2023 13:21:27	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0058268-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHAM.i		
Method:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\TO15_TO3_Master_Method_AM1.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	16-Dec-2023 06:22:52	Calib Date:	15-Dec-2023 23:35:16		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1674				
First Level Reviewer: BKZ7		Date:	15-Dec-2023 16:08:03		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		11.714				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.565				10.0	ND	
* 73 Chlorobenzene-d5	117		19.070				10.0	ND	

QC Flag Legend

Processing Flags

Reagents:

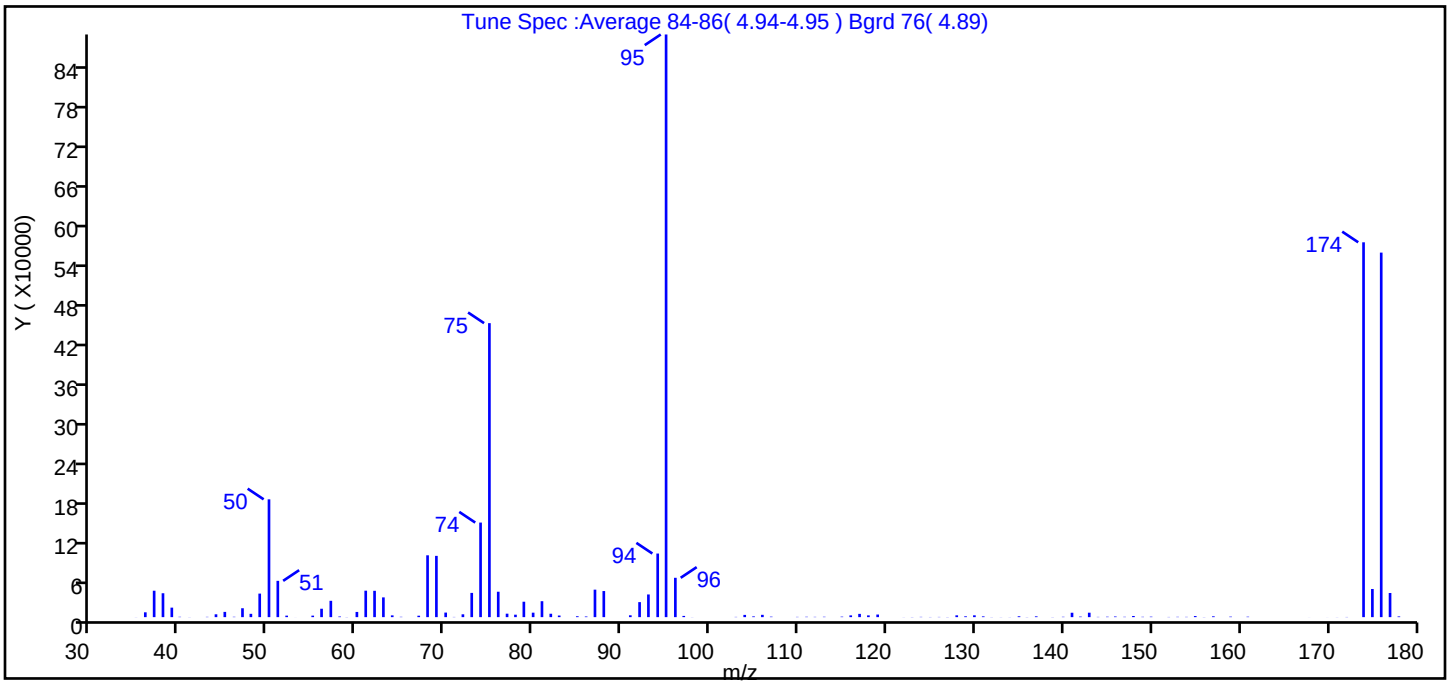
ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_001.D
Injection Date: 15-Dec-2023 13:21:27 Instrument ID: CHAM.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.2
75	30.0 to 66.0 Percent of m/e 95	50.5
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	64.3
175	4.0 to 9.0 Percent of m/e 174	4.8 (7.5)
176	93.0 to 101.0 Percent of m/e 174	62.6 (97.3)
177	5.0 to 9.0 Percent of m/e 176	4.1 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_001.D\TO15_TO3_Master_Method_A
Injection Date: 15-Dec-2023 13:21:27
Spectrum: Tune Spec :Average 84-86(4.94-4.95) Bgrd 76(4.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	110	68.00	93704	105.00	1129	141.00	6667
36.00	7320	69.00	92840	106.00	3514	142.00	810
37.00	40040	70.00	6911	107.00	725	143.00	6723
38.00	36208	71.00	308	110.00	394	144.00	383
39.00	14412	72.00	4303	111.00	563	145.00	643
40.00	510	73.00	36736	112.00	428	146.00	971
41.00	142	74.00	143296	113.00	572	147.00	512
43.00	432	75.00	445440	115.00	757	148.00	1733
44.00	4319	76.00	38504	116.00	2667	149.00	506
45.00	7956	77.00	5252	117.00	4958	150.00	711
46.00	532	78.00	3719	118.00	2681	152.00	297
47.00	13498	79.00	23368	119.00	3943	153.00	478
48.00	5027	80.00	6778	122.00	109	154.00	410
49.00	35672	81.00	24160	123.00	218	155.00	1648
50.00	178496	82.00	5160	124.00	412	156.00	193
51.00	55000	83.00	2443	125.00	238	157.00	1237
52.00	2280	85.00	1357	126.00	328	159.00	759
53.00	54	86.00	982	127.00	223	161.00	668
55.00	2276	87.00	41640	128.00	2745	168.00	59
56.00	12748	88.00	39544	129.00	1256	170.00	56
57.00	24752	91.00	2784	130.00	2770	171.00	120
58.00	937	92.00	22752	131.00	1149	172.00	270
59.00	188	93.00	34368	132.00	174	174.00	567936
60.00	7890	94.00	96368	133.00	137	175.00	42656
61.00	40088	95.00	882816	134.00	148	176.00	552320
62.00	39904	96.00	59616	135.00	1294	177.00	36584
63.00	29936	97.00	1856	136.00	191	178.00	1075
64.00	2686	98.00	128	137.00	1215		
65.00	494	103.00	373	139.00	196		
67.00	2168	104.00	3398	140.00	534		

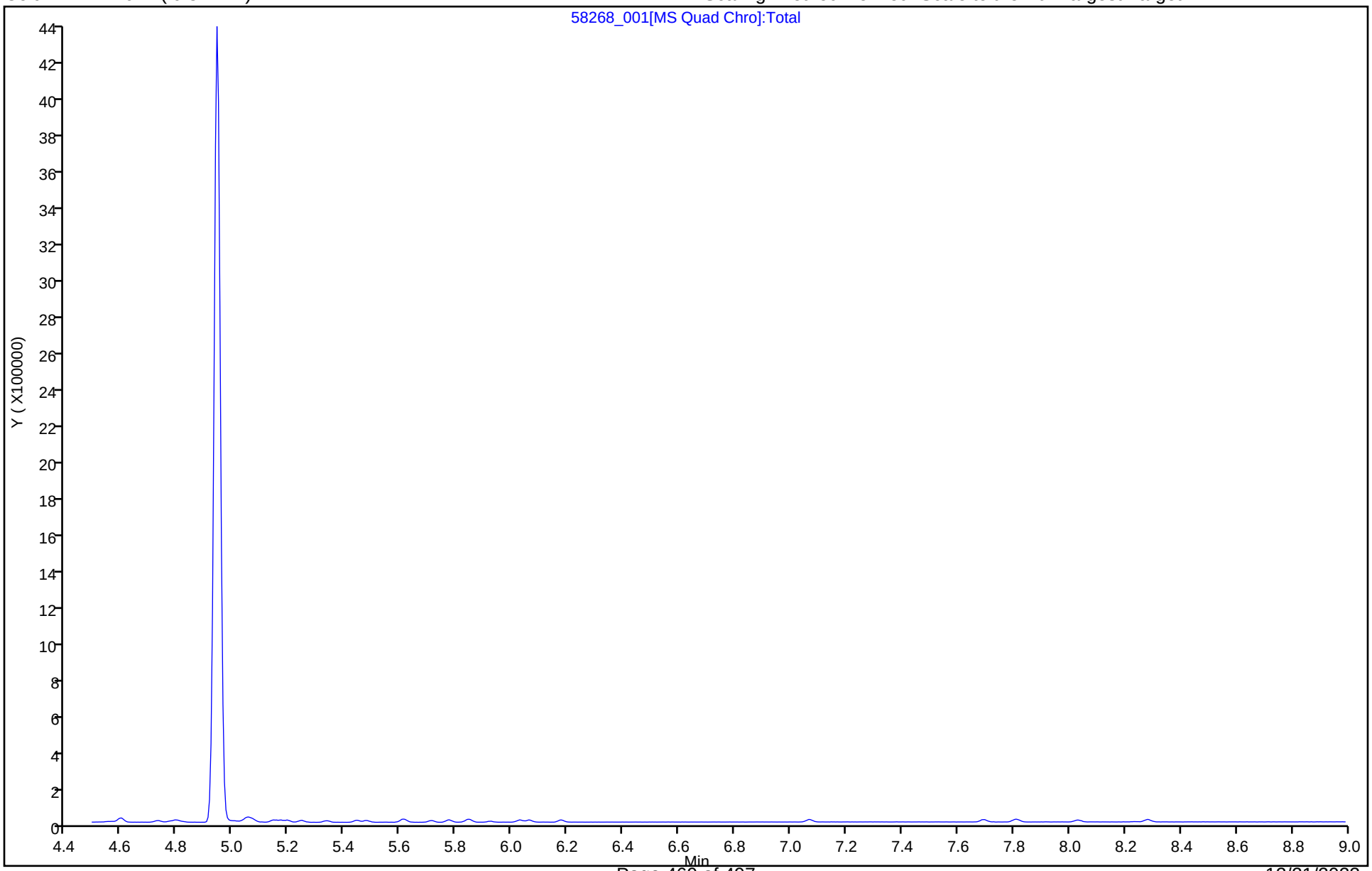
Report Date: 16-Dec-2023 06:22:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_001.D

Injection Date:	15-Dec-2023 13:21:27	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_001.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Dec-2023 07:22:28	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0058316-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHAM.i		
Method:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	21-Dec-2023 07:44:35	Calib Date:	15-Dec-2023 23:35:16		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1649				
First Level Reviewer: F7XK		Date:	21-Dec-2023 07:44:35		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		11.709				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.560				10.0	ND	
* 73 Chlorobenzene-d5	117		19.065				10.0	ND	

QC Flag Legend

Processing Flags

Reagents:

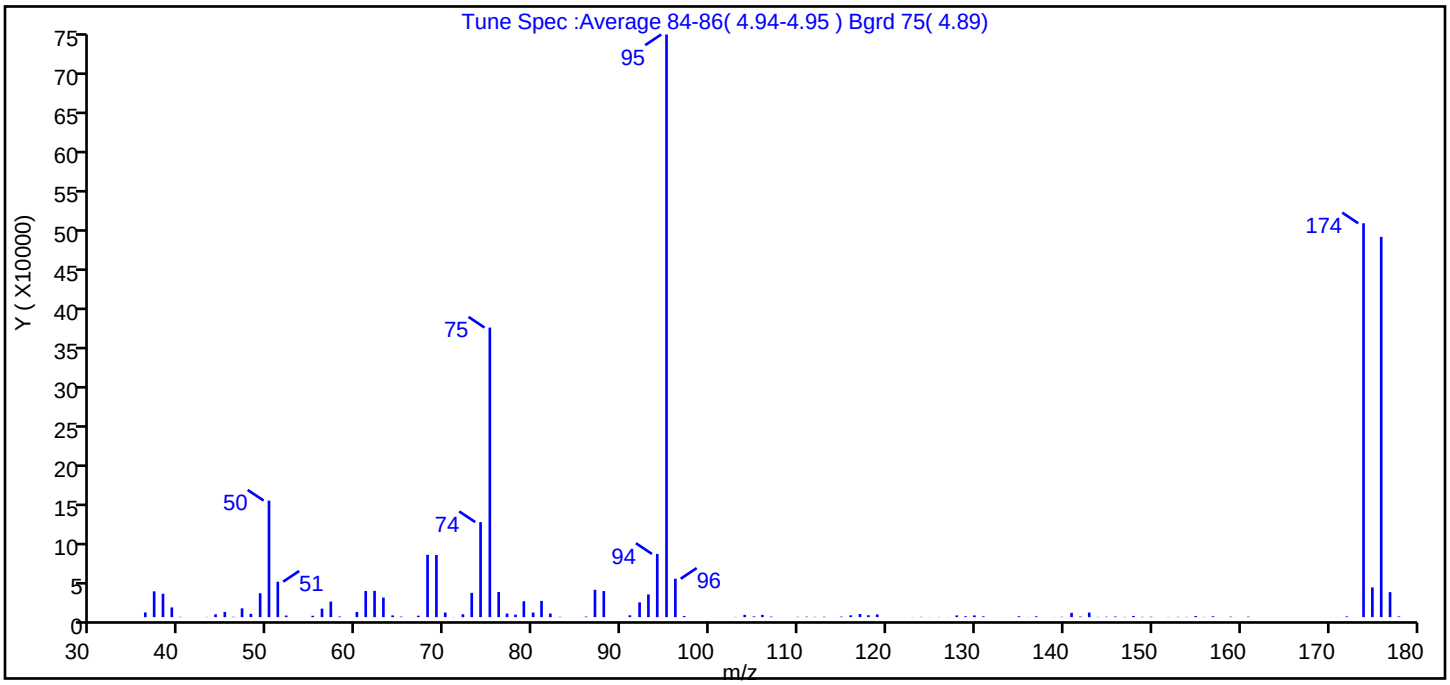
ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_001.D				
Injection Date:	20-Dec-2023 07:22:28	Instrument ID:	CHAM.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.0
75	30.0 to 66.0 Percent of m/e 95	49.7
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	67.6
175	4.0 to 9.0 Percent of m/e 174	5.1 (7.6)
176	93.0 to 101.0 Percent of m/e 174	65.3 (96.6)
177	5.0 to 9.0 Percent of m/e 176	4.3 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_001.D\TO15_TO3_Master_Method_A
Injection Date: 20-Dec-2023 07:22:28
Spectrum: Tune Spec :Average 84-86(4.94-4.95) Bgrd 75(4.89)
Base Peak: 95.05
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5999	68.00	80128	105.00	957	140.00	427
37.00	33176	69.00	79912	106.00	2934	141.00	5503
38.00	30088	70.00	5906	107.00	682	142.00	747
39.00	12473	71.00	220	110.00	415	143.00	5903
40.00	388	72.00	3666	111.00	595	144.00	331
41.00	61	73.00	31192	112.00	386	145.00	562
43.00	262	74.00	122256	113.00	517	146.00	812
44.00	3623	75.00	372416	115.00	725	147.00	353
45.00	6768	76.00	32264	116.00	2355	148.00	1471
46.00	462	77.00	4636	117.00	4027	149.00	396
47.00	11310	78.00	3206	118.00	2478	150.00	538
48.00	4234	79.00	20440	119.00	3482	152.00	261
49.00	30728	80.00	5922	120.00	58	153.00	392
50.00	149888	81.00	20872	122.00	58	154.00	358
51.00	45592	82.00	4619	123.00	195	155.00	1428
52.00	2044	83.00	444	124.00	381	156.00	272
53.00	58	86.00	778	125.00	179	157.00	1120
55.00	1816	87.00	35200	126.00	244	159.00	611
56.00	10960	88.00	33552	127.00	137	161.00	655
57.00	20032	91.00	2402	128.00	2239	170.00	53
58.00	825	92.00	19008	129.00	1124	171.00	139
60.00	6685	93.00	29216	130.00	2254	172.00	978
61.00	33688	94.00	81320	131.00	1000	174.00	506560
62.00	33808	95.00	749376	134.00	108	175.00	38248
63.00	25144	96.00	49376	135.00	1172	176.00	489088
64.00	2249	97.00	1381	136.00	147	177.00	32160
65.00	704	103.00	279	137.00	1055	178.00	896
67.00	1899	104.00	2897	139.00	192		

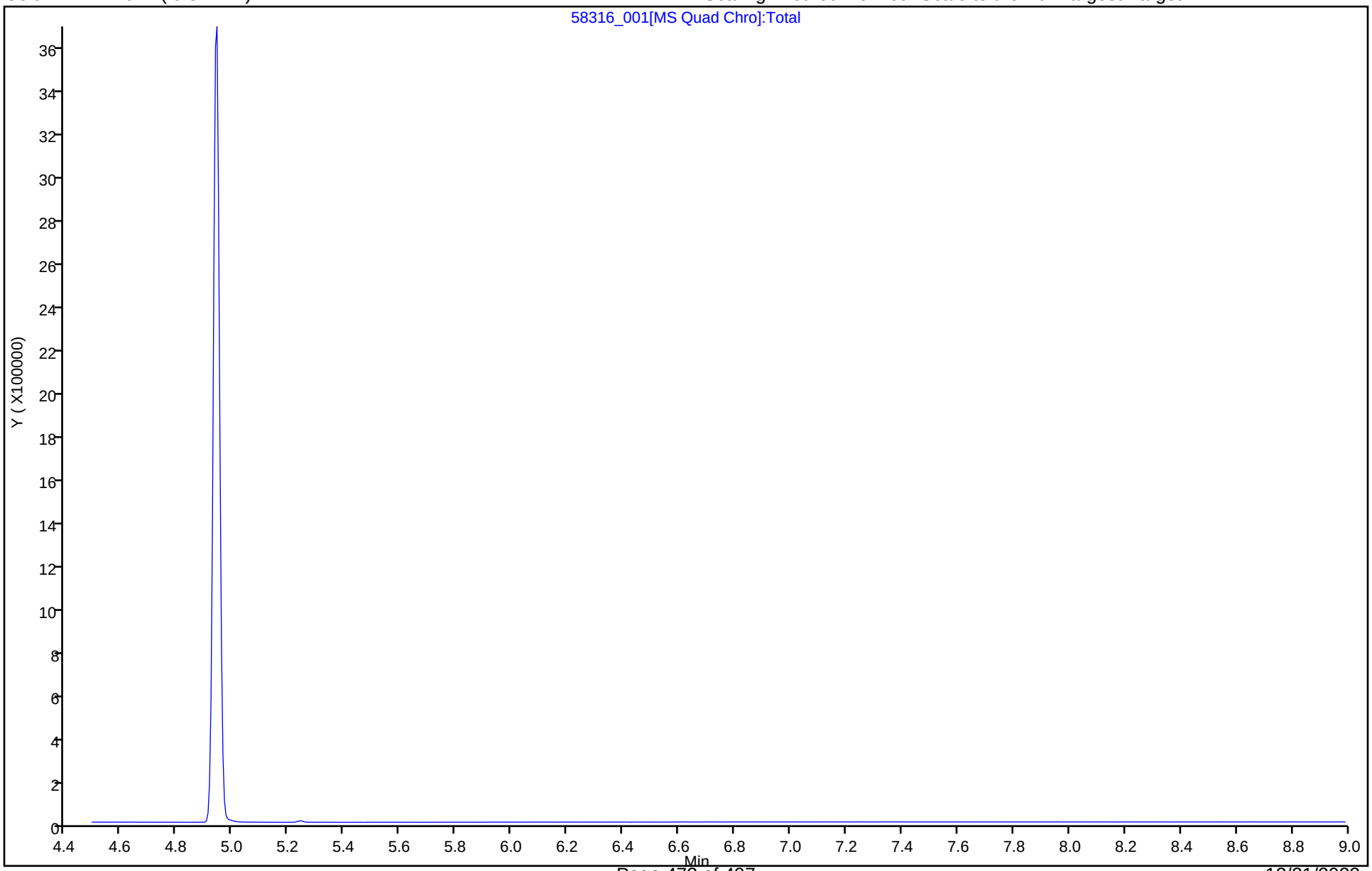
Report Date: 21-Dec-2023 07:44:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_001.D

Injection Date:	20-Dec-2023 07:22:28	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-198901/5

Matrix: Air Lab File ID: 58316_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 11:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.10
67-64-1	Acetone	12	U	12	3.8
67-63-0	Isopropyl alcohol	12	U	12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	0.091
110-54-3	n-Hexane	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.083
67-66-3	Chloroform	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.24
110-82-7	Cyclohexane	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.93	U	0.93	0.18
71-43-2	Benzene	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	0.82	U	0.82	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-198901/5

Matrix: Air Lab File ID: 58316_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 11:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53
108-88-3	Toluene	0.75	U	0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	2.2	U	2.2	0.41
95-47-6	o-Xylene	0.87	U	0.87	0.27
100-42-5	Styrene	0.85	U	0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-198901/5

Matrix: Air Lab File ID: 58316_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 11:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_005.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Dec-2023 11:04:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0058316-005
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:51:50 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1649

First Level Reviewer: F7XK Date: 21-Dec-2023 07:51:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.326					ND	
2 Dichlorodifluoromethane	85		4.428					ND	
3 Chlorodifluoromethane	51		4.476					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.797					ND	
5 Chloromethane	50		4.926					ND	
7 Butane	43		5.225					ND	7
6 Vinyl chloride	62		5.230					ND	
8 Butadiene	54		5.343					ND	
9 Bromomethane	94		6.086					ND	
10 Chloroethane	64		6.365					ND	
12 2-Methylbutane	43		6.573					ND	
13 Vinyl bromide	106		6.798					ND	
14 Trichlorofluoromethane	101		6.958					ND	
15 Pentane	43		7.162					ND	
16 Ethanol	45		7.376					ND	
18 Ethyl ether	59		7.590					ND	
19 Acrolein	56		7.857					ND	
20 1,1-Dichloroethene	96		8.044					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.077					ND	
22 Acetone	43		8.141					ND	7
24 Carbon disulfide	76		8.446					ND	7
23 Isopropyl alcohol	45		8.451					ND	
25 Acetonitrile	41		8.670					ND	
26 3-Chloro-1-propene	41		8.756					ND	
27 Methylene Chloride	49		8.997					ND	7
28 2-Methyl-2-propanol	59		9.232					ND	
29 Acrylonitrile	53		9.425					ND	
30 trans-1,2-Dichloroethene	61		9.489					ND	
31 Methyl tert-butyl ether	73		9.494					ND	
32 Hexane	57		9.997					ND	
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63		10.281					ND	
34 Vinyl acetate	43		10.286					ND	
36 2-Butanone (MEK)	72		11.276					ND	
37 cis-1,2-Dichloroethene	96		11.292					ND	
38 Ethyl acetate	88		11.345					ND	
* 39 Chlorobromomethane	128	11.709	11.709	0.000	96	404803	10.0	10.0	
40 Tetrahydrofuran	42		11.741					ND	
41 Chloroform	83		11.891					ND	
42 1,1,1-Trichloroethane	97		12.185					ND	
43 Cyclohexane	84		12.308					ND	
44 Carbon tetrachloride	117		12.458					ND	
45 Benzene	78		12.816					ND	
46 1,2-Dichloroethane	62		12.902					ND	
47 Isooctane	57		13.020					ND	
48 n-Heptane	43		13.325					ND	7
* 49 1,4-Difluorobenzene	114	13.565	13.560	0.005	96	1945587	10.0	10.0	
50 n-Butanol	56		13.817					ND	
51 Trichloroethene	95		13.988					ND	
A 52 GRO	1	14.290	(6.563-22.017)		0	6433321		0	
53 1,2-Dichloropropane	63		14.459					ND	
54 Methyl methacrylate	69		14.539					ND	
55 1,4-Dioxane	88		14.587					ND	
57 Dibromomethane	174	14.625	14.619	0.006	93	797		0.0145	
58 Dichlorobromomethane	83		14.935					ND	
A 60 TVOC as Toluene	1	15.687	(4.316-27.057)		0	6521090		0	
59 cis-1,3-Dichloropropene	75		15.737					ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.010					ND	
62 Toluene	92		16.369					ND	
A 63 Toluene Range	1		(16.299-16.449)					ND	
64 n-Octane	43		16.599					ND	
A 65 C8 Range	1		(16.518-16.700)					ND	
66 trans-1,3-Dichloropropene	75		16.802					ND	
67 1,1,2-Trichloroethane	83		17.182					ND	
68 Tetrachloroethene	166		17.358					ND	
69 2-Hexanone	43		17.594					ND	
70 Chlorodibromomethane	129		17.915					ND	
71 Ethylene Dibromide	107		18.156					ND	
* 73 Chlorobenzene-d5	117	19.065	19.065	0.000	90	1747735	10.0	10.0	
74 Chlorobenzene	112		19.124					ND	7
75 Ethylbenzene	91		19.311					ND	MU
76 m-Xylene & p-Xylene	106		19.573					ND	
77 n-Nonane	57		19.616					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.344					ND	
79 Styrene	104		20.376					ND	
81 Bromoform	173		20.718					ND	
82 Isopropylbenzene	105		21.007					ND	
83 1,1,2,2-Tetrachloroethane	83		21.531					ND	7
84 1,2,3-Trichloropropane	75		21.628					ND	
85 N-Propylbenzene	91		21.708					ND	7
86 2-Chlorotoluene	91		21.858					ND	7
87 4-Ethyltoluene	105		21.900					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105		21.991					ND	
89 n-Decane	57		22.007					ND	
90 Alpha Methyl Styrene	118		22.312					ND	
91 tert-Butylbenzene	119		22.467					ND	
92 1,2,4-Trimethylbenzene	105		22.553					ND	7
93 sec-Butylbenzene	105		22.783					ND	7
94 1,3-Dichlorobenzene	146		22.960					ND	7
95 4-Isopropyltoluene	119		22.997					ND	
96 1,4-Dichlorobenzene	146		23.099					ND	7
97 Benzyl chloride	91		23.254					ND	7
98 n-Butylbenzene	91		23.559					ND	7
99 1,2-Dichlorobenzene	146		23.607					ND	7
100 Undecane	57		23.698					ND	
101 Dodecane	57		25.324					ND	
102 1,2,4-Trichlorobenzene	180		26.111					ND	7
103 Hexachlorobutadiene	225		26.357					ND	
104 Naphthalene	128		26.614					ND	7
105 1,2,3-Trichlorobenzene	180		27.047					ND	7
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AHISs_00003 Amount Added: 20.00 Units: mL Run Reagent

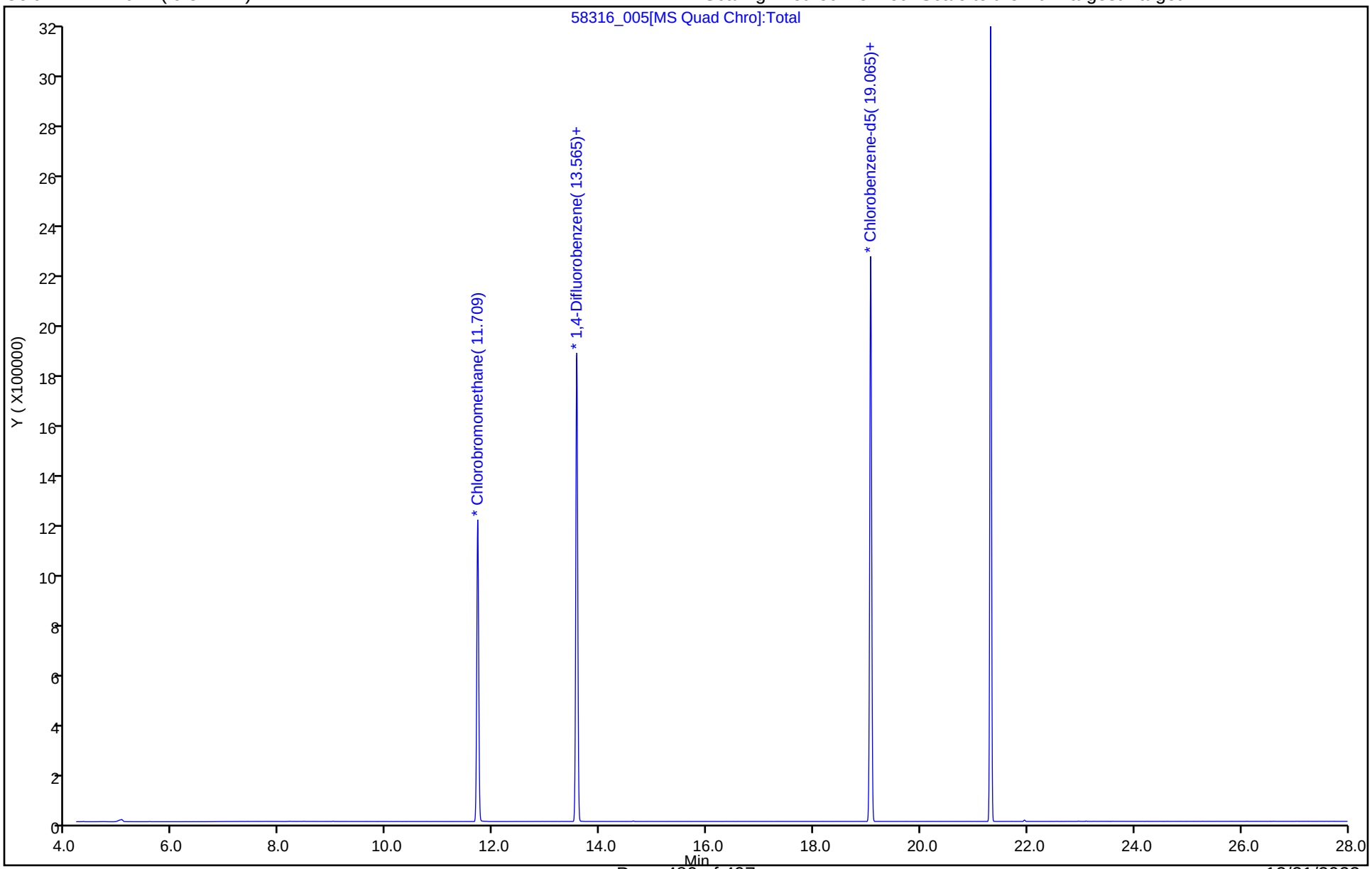
Report Date: 21-Dec-2023 07:51:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_005.D

Injection Date:	20-Dec-2023 11:04:40	Instrument ID:	CHAM.i	Operator ID:	wrd
Lims ID:	MB			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



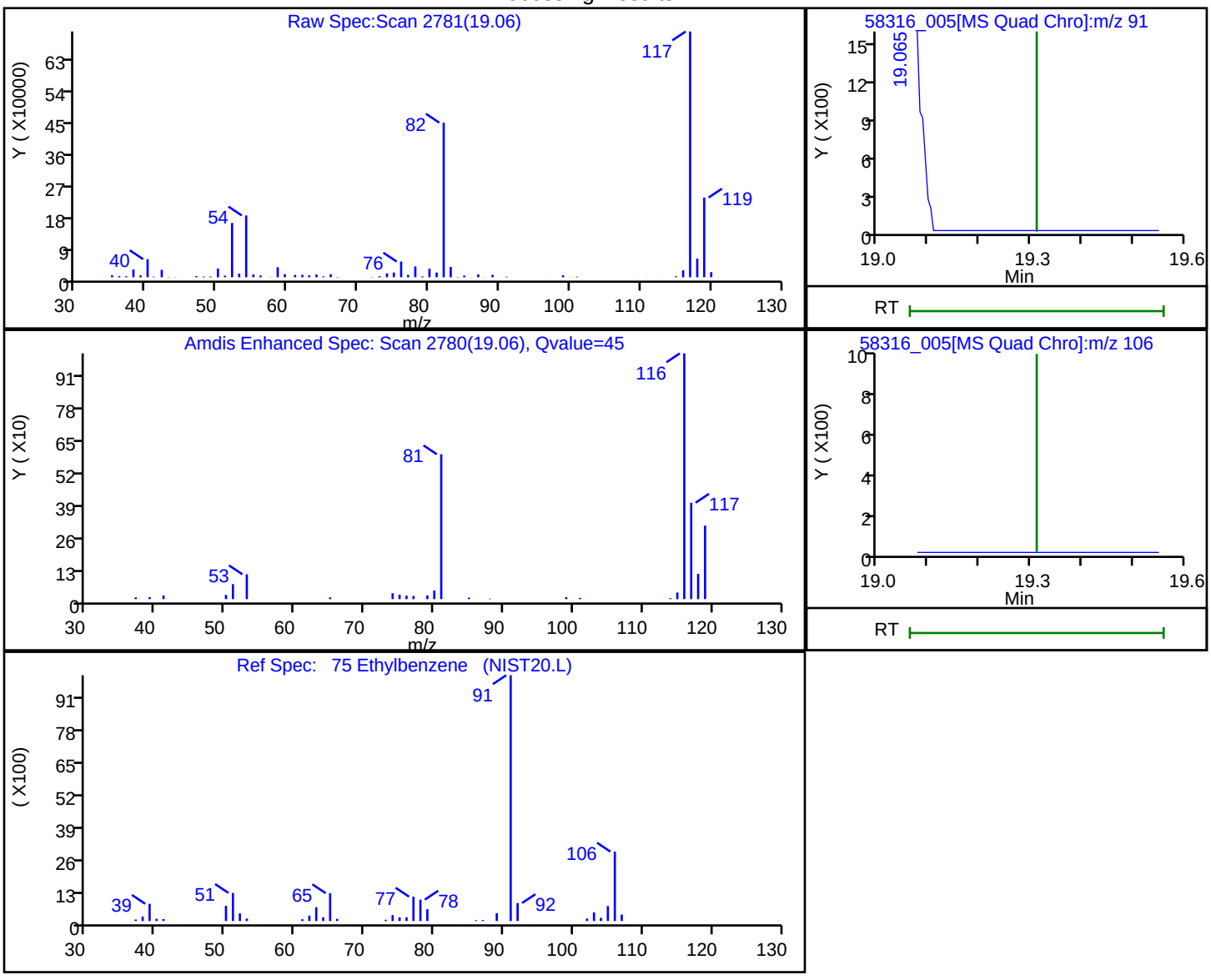
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_005.D				
Injection Date:	20-Dec-2023 11:04:40	Instrument ID:	CHAM.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.06	91.00	3795	0.016795
19.31	106.00	0	

Reviewer: F7XK, 21-Dec-2023 07:51:07 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-198901/3

Matrix: Air Lab File ID: 58316_003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 09:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	44.6		2.5	0.54
75-45-6	Chlorodifluoromethane	34.7		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	66.9		1.4	0.34
74-87-3	Chloromethane	19.9		1.0	0.31
106-97-8	n-Butane	23.9		1.2	0.48
75-01-4	Vinyl chloride	24.7		0.20	0.054
106-99-0	1,3-Butadiene	20.2		0.44	0.086
74-83-9	Bromomethane	36.7		0.78	0.28
75-00-3	Chloroethane	25.8		1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	42.0		0.87	0.22
75-69-4	Trichlorofluoromethane	52.9		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	73.3		1.5	0.41
75-35-4	1,1-Dichloroethene	38.1		0.14	0.10
67-64-1	Acetone	24.3		12	3.8
67-63-0	Isopropyl alcohol	26.0		12	3.9
75-15-0	Carbon disulfide	30.6		1.6	0.40
107-05-1	3-Chloropropene	28.5		1.6	0.38
75-09-2	Methylene Chloride	35.0		1.7	0.63
75-65-0	tert-Butyl alcohol	31.5		15	3.6
1634-04-4	Methyl tert-butyl ether	37.9		0.72	0.13
156-60-5	trans-1,2-Dichloroethene	40.0		0.79	0.091
110-54-3	n-Hexane	36.8		1.8	0.39
75-34-3	1,1-Dichloroethane	39.6		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	29.4		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	39.7		0.20	0.083
67-66-3	Chloroform	47.9		0.98	0.20
109-99-9	Tetrahydrofuran	31.6		15	3.8
71-55-6	1,1,1-Trichloroethane	54.2		1.1	0.24
110-82-7	Cyclohexane	36.1		0.69	0.20
56-23-5	Carbon tetrachloride	62.0		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	51.0		0.93	0.18
71-43-2	Benzene	32.3		0.64	0.14
107-06-2	1,2-Dichloroethane	41.1		0.81	0.38
142-82-5	n-Heptane	45.4		0.82	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-198901/3

Matrix: Air Lab File ID: 58316_003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 09:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	52.3		0.19	0.13
80-62-6	Methyl methacrylate	43.3		2.0	0.57
78-87-5	1,2-Dichloropropane	47.3		0.92	0.43
123-91-1	1,4-Dioxane	34.7		18	0.30
75-27-4	Bromodichloromethane	67.2		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	48.7		0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	45.8		2.0	0.53
108-88-3	Toluene	39.2		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	48.2		0.91	0.25
79-00-5	1,1,2-Trichloroethane	53.9		1.1	0.40
127-18-4	Tetrachloroethene	66.2		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	45.1		2.0	0.61
124-48-1	Dibromochloromethane	79.7		1.7	0.54
106-93-4	1,2-Dibromoethane	77.8		1.5	0.32
108-90-7	Chlorobenzene	45.4		0.92	0.20
100-41-4	Ethylbenzene	45.7		0.87	0.30
179601-23-1	m,p-Xylene	93.7		2.2	0.41
95-47-6	o-Xylene	47.5		0.87	0.27
100-42-5	Styrene	47.8		0.85	0.25
75-25-2	Bromoform	80.6		2.1	1.2
98-82-8	Cumene	54.8		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	69.6		1.4	0.30
103-65-1	n-Propylbenzene	53.6		0.98	0.23
622-96-8	4-Ethyltoluene	53.7		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	54.3		0.98	0.23
95-49-8	2-Chlorotoluene	54.7		1.0	0.24
98-06-6	tert-Butylbenzene	60.6		1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	53.0		0.98	0.39
135-98-8	sec-Butylbenzene	61.4		1.1	0.25
99-87-6	4-Isopropyltoluene	61.7		1.1	0.33
541-73-1	1,3-Dichlorobenzene	63.6		1.2	0.44
106-46-7	1,4-Dichlorobenzene	63.6		1.2	0.54
100-44-7	Benzyl chloride	55.9		1.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-198901/3

Matrix: Air Lab File ID: 58316_003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 09:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	62.3		1.1	0.60
95-50-1	1,2-Dichlorobenzene	63.3		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	79.6		3.7	2.4
87-68-3	Hexachlorobutadiene	113		2.1	1.2
91-20-3	Naphthalene	58.6		2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_003.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Dec-2023 09:22:06 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 21-Dec-2023 07:48:27 Calib Date: 15-Dec-2023 23:35:16
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20231215-58268.b\58268_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1649

First Level Reviewer: F7XK Date: 21-Dec-2023 07:48:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.321	4.321	-0.005	98	215874	10.0	10.0	M
2 Dichlorodifluoromethane	85	4.417	4.428	-0.011	99	783686	10.0	9.01	
3 Chlorodifluoromethane	51	4.471	4.476	-0.005	97	487586	10.0	9.81	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.797	-0.005	96	928728	10.0	9.57	
5 Chloromethane	50	4.920	4.926	-0.006	99	297983	10.0	9.61	
7 Butane	43	5.220	5.225	-0.005	99	767484	10.0	10.1	
6 Vinyl chloride	62	5.225	5.230	-0.005	100	555471	10.0	9.65	
8 Butadiene	54	5.337	5.343	-0.006	92	395926	10.0	9.13	
11 BFB									
9 Bromomethane	94	6.086	6.086	0.000	99	345837	10.0	9.46	
10 Chloroethane	64	6.364	6.365	-0.001	100	200412	10.0	9.77	
12 2-Methylbutane	43	6.568	6.573	-0.005	93	410306	10.0	9.91	
13 Vinyl bromide	106	6.792	6.798	-0.006	98	340006	10.0	9.59	
14 Trichlorofluoromethane	101	6.953	6.958	-0.005	98	903834	10.0	9.41	
15 Pentane	43	7.162	7.162	0.000	96	667518	10.0	9.94	
16 Ethanol	45	7.376	7.376	0.000	98	233643	15.0	13.9	
18 Ethyl ether	59	7.590	7.590	0.000	94	276895	10.0	10.1	
19 Acrolein	56	7.857	7.857	0.000	96	130925	10.0	8.90	
20 1,1-Dichloroethene	96	8.044	8.044	0.000	95	410293	10.0	9.60	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.076	8.077	-0.001	96	882841	10.0	9.56	
22 Acetone	43	8.141	8.141	0.000	98	671343	10.0	10.2	
24 Carbon disulfide	76	8.446	8.446	0.000	100	1282717	10.0	9.82	
23 Isopropyl alcohol	45	8.451	8.451	0.000	100	694686	10.0	10.6	
25 Acetonitrile	41	8.670	8.670	0.000	99	345902	10.0	10.5	M
26 3-Chloro-1-propene	41	8.756	8.756	0.000	97	512302	10.0	9.11	
27 Methylene Chloride	49	8.997	8.997	0.000	97	562236	10.0	10.1	
28 2-Methyl-2-propanol	59	9.232	9.232	0.000	98	893706	10.0	10.4	
29 Acrylonitrile	53	9.425	9.425	0.000	94	346451	10.0	9.87	M
30 trans-1,2-Dichloroethene	61	9.494	9.489	0.005	95	722004	10.0	10.1	
31 Methyl tert-butyl ether	73	9.494	9.494	0.000	98	1247975	10.0	10.5	
32 Hexane	57	9.997	9.997	0.000	94	723311	10.0	10.5	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.280	10.281	-0.001	100	876206	10.0	9.79	
34 Vinyl acetate	43	10.291	10.286	0.005	100	872486	10.0	8.22	
36 2-Butanone (MEK)	72	11.276	11.276	0.000	100	233008	10.0	9.97	
37 cis-1,2-Dichloroethene	96	11.297	11.292	0.005	96	464598	10.0	10.0	
38 Ethyl acetate	88	11.345	11.345	0.000	99	39209	10.0	9.86	
* 39 Chlorobromomethane	128	11.709	11.709	0.000	98	371636	10.0	10.0	
40 Tetrahydrofuran	42	11.741	11.741	0.000	94	535336	10.0	10.7	
41 Chloroform	83	11.891	11.891	0.000	96	978877	10.0	9.81	
42 1,1,1-Trichloroethane	97	12.185	12.185	0.000	98	913605	10.0	9.93	
43 Cyclohexane	84	12.313	12.308	0.005	97	578646	10.0	10.5	
44 Carbon tetrachloride	117	12.458	12.458	0.000	96	900416	10.0	9.85	
45 Benzene	78	12.822	12.816	0.006	97	1415854	10.0	10.1	
46 1,2-Dichloroethane	62	12.907	12.902	0.005	93	658829	10.0	10.2	
47 Isooctane	57	13.020	13.020	0.000	99	2368729	10.0	10.9	
48 n-Heptane	43	13.330	13.325	0.005	95	901602	10.0	11.1	
* 49 1,4-Difluorobenzene	114	13.565	13.560	0.005	96	1759093	10.0	10.0	
50 n-Butanol	56	13.817	13.817	0.000	91	244776	10.0	10.1	
51 Trichloroethene	95	13.993	13.988	0.005	93	623295	10.0	9.73	
A 52 GRO	1	14.290	(6.563-22.017)		0	211375805	649.9	0	
53 1,2-Dichloropropane	63	14.464	14.459	0.005	92	591931	10.0	10.2	
54 Methyl methacrylate	69	14.544	14.539	0.005	95	533254	10.0	10.6	
55 1,4-Dioxane	88	14.592	14.587	0.005	99	297539	10.0	9.62	
57 Dibromomethane	174	14.625	14.619	0.005	91	529899	10.0	10.7	
58 Dichlorobromomethane	83	14.935	14.935	0.000	98	1033191	10.0	10.0	
A 60 TVOC as Toluene	1	15.687	(4.316-27.057)		0	324872058	899.8	0	
59 cis-1,3-Dichloropropene	75	15.743	15.737	0.006	95	844656	10.0	10.7	
61 4-Methyl-2-pentanone (MIBK)	43	16.010	16.010	0.000	97	1205377	10.0	11.2	
62 Toluene	92	16.374	16.369	0.005	93	971839	10.0	10.4	
A 63 Toluene Range	1	16.374	(16.299-16.449)		0	4092638	NC	NC	
64 n-Octane	43	16.604	16.599	0.005	94	1275695	10.0	11.5	
A 65 C8 Range	1	16.609	(16.518-16.700)		0	4747709	NC	NC	
66 trans-1,3-Dichloropropene	75	16.802	16.802	0.000	98	793434	10.0	10.6	
67 1,1,2-Trichloroethane	83	17.182	17.182	0.000	97	544585	10.0	9.88	
68 Tetrachloroethene	166	17.358	17.358	0.000	92	695111	10.0	9.76	
69 2-Hexanone	43	17.594	17.594	0.000	93	1154902	10.0	11.0	
70 Chlorodibromomethane	129	17.920	17.915	0.005	98	875904	10.0	9.35	
71 Ethylene Dibromide	107	18.155	18.156	-0.001	98	913604	10.0	10.1	
* 73 Chlorobenzene-d5	117	19.070	19.065	0.005	90	1637408	10.0	10.0	
74 Chlorobenzene	112	19.124	19.124	0.000	91	1282885	10.0	9.86	
75 Ethylbenzene	91	19.311	19.311	0.000	99	2227446	10.0	10.5	
76 m-Xylene & p-Xylene	106	19.573	19.573	0.000	0	1668978	20.0	21.6	
77 n-Nonane	57	19.616	19.616	0.000	92	1245209	10.0	10.7	
S 80 Xylenes, Total	106				0		30.0	32.5	
78 o-Xylene	106	20.343	20.344	-0.001	98	787494	10.0	10.9	
79 Styrene	104	20.376	20.376	0.000	100	1351449	10.0	11.2	
81 Bromoform	173	20.718	20.718	0.000	93	604701	10.0	7.80	
82 Isopropylbenzene	105	21.007	21.007	0.000	99	2380554	10.0	11.2	
83 1,1,2,2-Tetrachloroethane	83	21.531	21.531	0.000	98	1478296	10.0	10.1	
84 1,2,3-Trichloropropane	75	21.627	21.628	-0.001	99	1148962	10.0	10.2	
85 N-Propylbenzene	91	21.708	21.708	0.000	98	3066598	10.0	10.9	
86 2-Chlorotoluene	91	21.857	21.858	-0.001	96	1966032	10.0	10.6	
87 4-Ethyltoluene	105	21.900	21.900	0.000	98	2414972	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	21.991	21.991	0.000	92	2084593	10.0	11.0	
89 n-Decane	57	22.007	22.007	0.000	91	1679752	10.0	10.8	
90 Alpha Methyl Styrene	118	22.312	22.312	0.000	85	1000625	10.0	11.4	
91 tert-Butylbenzene	119	22.467	22.467	0.000	91	1860679	10.0	11.0	
92 1,2,4-Trimethylbenzene	105	22.553	22.553	0.000	99	2084889	10.0	10.8	
93 sec-Butylbenzene	105	22.783	22.783	0.000	98	3031783	10.0	11.2	
94 1,3-Dichlorobenzene	146	22.959	22.960	-0.001	99	1354309	10.0	10.6	
95 4-Isopropyltoluene	119	22.997	22.997	0.000	97	2465239	10.0	11.2	
96 1,4-Dichlorobenzene	146	23.099	23.099	0.000	91	1361511	10.0	10.6	
97 Benzyl chloride	91	23.254	23.254	0.000	98	1879699	10.0	10.8	
98 n-Butylbenzene	91	23.559	23.559	0.000	98	2668320	10.0	11.3	
99 1,2-Dichlorobenzene	146	23.607	23.607	0.000	93	1315992	10.0	10.5	
100 Undecane	57	23.698	23.698	0.000	96	1808168	10.0	10.7	
101 Dodecane	57	25.324	25.324	0.000	97	1651877	10.0	10.6	
102 1,2,4-Trichlorobenzene	180	26.110	26.111	-0.001	94	1079918	10.0	10.7	
103 Hexachlorobutadiene	225	26.357	26.357	0.000	95	875318	10.0	10.6	
104 Naphthalene	128	26.613	26.614	-0.001	98	2602819	10.0	11.2	
105 1,2,3-Trichlorobenzene	180	27.041	27.047	-0.006	95	1015798	10.0	10.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

ATTO15LCSW_00873	Amount Added: 200.00	Units: mL	
ATTO15AHISs_00003	Amount Added: 20.00	Units: mL	Run Reagent

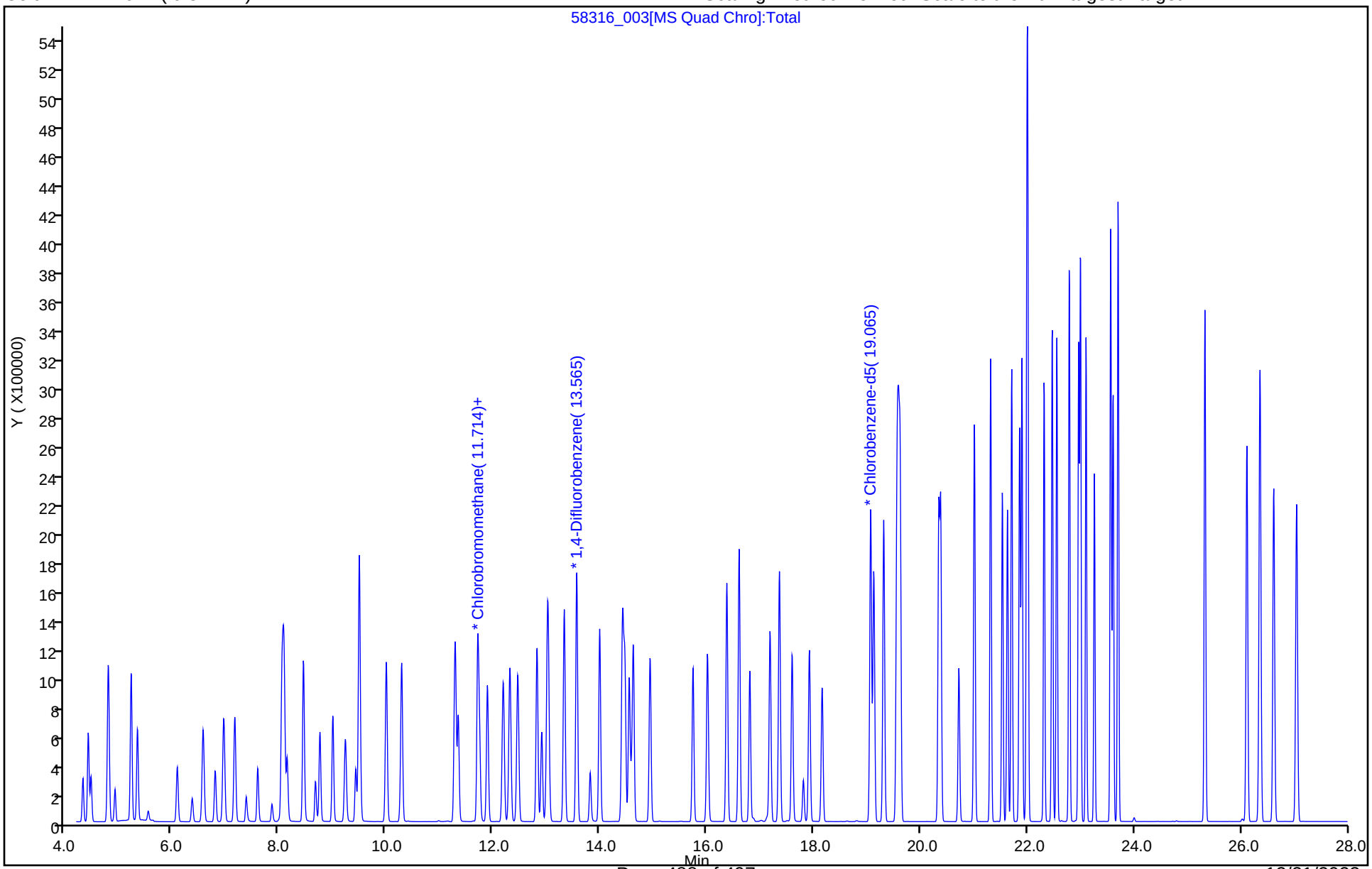
Report Date: 21-Dec-2023 07:48:27 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20231220-58316.b\58316_003.D

Injection Date:	20-Dec-2023 09:22:06	Instrument ID:	CHAM.i	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Start Date: 12/15/2023 13:21

Analysis Batch Number: 198744 End Date: 12/16/2023 03:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-198744/1		12/15/2023 13:21	1	58268_001.D	RTX-624 0.32(mm)
IC 200-198744/4		12/15/2023 15:51	1	58268_004.D	RTX-624 0.32(mm)
IC 200-198744/5		12/15/2023 16:42	1	58268_005.D	RTX-624 0.32(mm)
IC 200-198744/6		12/15/2023 17:34	1	58268_006.D	RTX-624 0.32(mm)
IC 200-198744/7		12/15/2023 18:25	1	58268_007.D	RTX-624 0.32(mm)
ICIS 200-198744/8		12/15/2023 19:17	1	58268_008.D	RTX-624 0.32(mm)
IC 200-198744/10		12/15/2023 21:00	1	58268_010.D	RTX-624 0.32(mm)
IC 200-198744/12		12/15/2023 22:43	1	58268_012.D	RTX-624 0.32(mm)
IC 200-198744/13		12/15/2023 23:35	1	58268_013.D	RTX-624 0.32(mm)
ICV 200-198744/15		12/16/2023 01:17	1	58268_015.D	RTX-624 0.32(mm)
ZZZZZ		12/16/2023 03:52	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Instrument ID: CHAM.i Start Date: 12/20/2023 07:22

Analysis Batch Number: 198901 End Date: 12/21/2023 04:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-198901/1		12/20/2023 07:22	1	58316_001.D	RTX-624 0.32(mm)
CCVIS 200-198901/2		12/20/2023 08:30	1	58316_002.D	RTX-624 0.32(mm)
LCS 200-198901/3		12/20/2023 09:22	1	58316_003.D	RTX-624 0.32(mm)
ZZZZZ		12/20/2023 10:13	1		RTX-624 0.32(mm)
MB 200-198901/5		12/20/2023 11:04	1	58316_005.D	RTX-624 0.32(mm)
ZZZZZ		12/20/2023 12:05	0.2		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 13:06	0.2		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 13:57	25		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 14:49	20		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 15:40	1		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 16:32	1		RTX-624 0.32(mm)
200-71332-1	SVES-INF-08_20231218	12/20/2023 17:23	1	58316_012.D	RTX-624 0.32(mm)
200-71332-2	SVES-INT-08_20231218	12/20/2023 18:15	1	58316_013.D	RTX-624 0.32(mm)
200-71332-3	SVES-EFF-08_20231218	12/20/2023 19:06	1	58316_014.D	RTX-624 0.32(mm)
ZZZZZ		12/20/2023 19:58	5		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 20:49	25		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 21:41	29.9		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 22:33	149		RTX-624 0.32(mm)
ZZZZZ		12/20/2023 23:24	25		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 00:15	122		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 01:07	4		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 01:58	2		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 02:50	10		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 03:41	10		RTX-624 0.32(mm)
ZZZZZ		12/21/2023 04:33	40		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Batch Number: 198744 Batch Start Date: 12/15/23 13:21 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15AHISs 00003	ATTO15CAL1w 00263	ATTO15CAL2w 00343	ATTO15CAL3w 00272
BFB 200-198744/1		TO-15		200 mL	200 mL	20 mL			
IC 200-198744/4		TO-15		200 mL	200 mL	20 mL	35 mL		
IC 200-198744/5		TO-15		200 mL	200 mL	20 mL	200 mL		
IC 200-198744/6		TO-15		200 mL	200 mL	20 mL		200 mL	
IC 200-198744/7		TO-15		200 mL	200 mL	20 mL			200 mL
ICIS 200-198744/8		TO-15		200 mL	200 mL	20 mL			
IC 200-198744/10		TO-15		200 mL	200 mL	20 mL			
IC 200-198744/12		TO-15		200 mL	200 mL	20 mL			
IC 200-198744/13		TO-15		200 mL	200 mL	20 mL			
ICV 200-198744/15		TO-15		200 mL	200 mL	20 mL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL4w 00820	ATTO15CAL5w 00140	ATTO15CAL6w 00229	ATTO15CAL7w 00140	ATTO15LCSW 00873	
BFB 200-198744/1		TO-15							
IC 200-198744/4		TO-15							
IC 200-198744/5		TO-15							
IC 200-198744/6		TO-15							
IC 200-198744/7		TO-15							
ICIS 200-198744/8		TO-15		200 mL					
IC 200-198744/10		TO-15			200 mL				
IC 200-198744/12		TO-15				200 mL			
IC 200-198744/13		TO-15					200 mL		
ICV 200-198744/15		TO-15						200 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Batch Number: 198744 Batch Start Date: 12/15/23 13:21 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Batch Number: 198901 Batch Start Date: 12/20/23 07:22 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15AHISs 00003	ATTO15CAL4w 00820	ATTO15LCSW 00873	
BFB 200-198901/1		TO-15		200 mL	200 mL	20 mL			
CCVIS 200-198901/2		TO-15		200 mL	200 mL	20 mL	200 mL		
LCS 200-198901/3		TO-15		200 mL	200 mL	20 mL		200 mL	
MB 200-198901/5		TO-15		200 mL	200 mL	20 mL			
200-71332-A-1	SVES-INF-08_20231218	TO-15	T	200 mL	200 mL	20 mL			
200-71332-A-2	SVES-INT-08_20231218	TO-15	T	200 mL	200 mL	20 mL			
200-71332-A-3	SVES-EFF-08_20231218	TO-15	T	200 mL	200 mL	20 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

12 ECKFORD STREET
Address. BROOKLYN NY

NYC 222

Chain of Custody Record 451412

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: AMY JORDAN	Site Contact: M. BALLESTA	Date: 12/18/2023	COC No
Company Name AKRF INC	Tel/Email: AJORDAN@AKRF.COM	Lab Contact: M. MAS	Carrier:	1 of 1 COCs
Address 111 PARK AV. SOUTH	Analysis Turnaround Time			Sampler M. BALLESTA
City/State/Zip NEW YORK, NY 10016	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone (646) 388-9264	TAT if different from Below STANDARD			Walk-in Client.
Fax	☐ 2 weeks			Lab Sampling
Project Name New 470 PROJECT	☐ 1 week			
Site. 12 ECKFORD STREET	☐ 2 days			Job / SDG No
P O # 12306	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TO-15 (MOD COUTNS FOR 1,4-DIOXANE)	Sample Specific Notes
SVES-INF-08_20231218	12/18/2023	905	G	A	2			X	
SVES-INT-08_20231218	12/18/2023	925	G	A	2			X	
SVES-EFF-08_20231218	12/18/2023	945	G	A	2			X	

12/18/2023

200-71332 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Category B Deliverable, AKRF EQUIS EDD, CLOSE SDG

Custody Seals Intact: ☐ Yes ☒ No	Custody Seal No	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No _____

Relinquished by	Company	Date/Time:	Received by:	Company	Date/Time:
Marco Ballesta	AKRF	12/18/2023 17:00		TP N/C	12/18/23 17:30
Relinquished by:	Company	Date/Time 16:00	Received by:	Company:	Date/Time
	TP N/C	12/18/23		ETA Burl	12/19/23 1130
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company:	Date/Time

12/21/2023 11:57 AM

After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2 Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges along with the cancellation of your FedEx account number
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

12/21/2023
11:57 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-71332-1

Login Number: 71332
List Number: 1
Creator: Muniz, Luca

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

L.A.B. Validation Corp. 14 West Point Drive, East Northport, N.Y. 11731

DATA USABILITY SUMMARY REPORT (DUSR)
DATA VALIDATION SUMMARY
ORGANIC ANALYSIS

EPA Compendium Method TO-15
VOLATILES BY GC/MS
For Soil Vapor Air Samples
Collected December 18, 2023
From 12 Eckford Street, Brooklyn, New York
by AKRF, Inc.
Project No. – 12306

SAMPLE DELIVERY GROUP NUMBER:
200-71332-1
Eurofins, Burlington, VT. [ELAP #10391]

SUBMITTED TO:

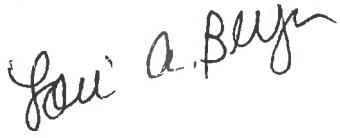
Ms. Amy Jordan/Technical Director
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Marco Balletta/AKRF, Inc.

December 31, 2023

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



Phone (516) 523-7891 email LABValidation@aol.com

12 Eckford Street, Brooklyn, New York – December 2023
Data Validation Report: Volatile Organics by EPA Method TO15

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

1.0 Volatile Organics by GC/MS EPA Compendium Method TO-15
- 1.1 Holding Time
- 1.2 Surrogate Standards
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD), Laboratory Duplicate, Field Duplicate Analysis
- 1.4 Laboratory Control Sample
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Target Compound List Identification
- 1.10 Compound Quantification and Reported Detection Limits
- 1.11 Overall System Performance

APPENDICES:
A. Chain of Custody Document and Sample Receipt Checklist
B. Case Narrative
C. Data Summary Form Is with Qualifications

Introduction:
A validation was performed on soil vapor air samples for Volatile Organic analysis collected by AKRF, Inc. and submitted to Eurofins Burlington, VT. for subsequent analysis under chain of custody documentation. This report contains the laboratory and validation results for the field samples itemized below. The samples were collected on December 18, 2023.

The samples were analyzed by Eurofins Burlington utilizing EPA Method TO-15 and in accordance with NYSDEC Analytical Services Protocol (2005) and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodology employed. The analytical testing consisted of the full TO-15 Compound List.

The data was evaluated in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (Publication 9240.1-05), EPA SOP #HW31 (Revision 6-Updated September 2016) and in conjunction with the analytical methodology for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following field air samples:

Sample Identification	Laboratory Identification	Sample Matrix (Air Type)	Collection Date
SVES-INF-08_20231218	200-71332-1	Soil Vapor	12/18/2023
SVES-INT-08_20231218	200-71332-2	Soil Vapor	12/18/2023
SVES-EFF-08_20231218	200-71332-3	Soil Vapor	12/18/2023

Data Qualifier Definitions:
The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.
J - The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ - The result is an estimated quantity, but the result may be biased high. Equis qualified, JK.
J- - The result is an estimated quantity, but the result may be biased low. Equis qualified, JL.
NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ - The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.
D - Analyte concentration was obtained from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the air samples were received following completion of the sampling event via Federal Express on 12/19/2023. Sample login notes and the chain of custody indicate that at the Validated Time of Sample Receipt (VTSR) at the laboratory no discrepancies were notated and therefore the integrity of the Tedlar bag samples is assumed to be good.

The data summary Form I's included in Appendix C includes all and any usable (qualified) and unusable (rejected) results for the samples identified above and summarize the detailed narrative section of the report. Data validation qualifications have been reported on the Form I's for ease of review and verification.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by EPA Compendium Method TO-15

The following method criteria were reviewed: holding times, surrogate standards, LCS, Blanks, Laboratory Duplicate, Tunes, Calibrations, Internal Standards, Target Component Identification and Quantitation, Reported Quantitation Limits and Overall System Performance. The volatile results are valid and useable as noted on the data summary Form I's in Appendix C and within the following text:

1.1 Holding Time
The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Tedlar Bag Air samples were analyzed within the method and technical required holding times of 72 hours from sample collection for analysis. No qualifications were required based upon holding time criteria.

1.2 Surrogate Standards
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specifications, qualifications are required to be applied to associated samples and analytes.

Samples were not spiked with surrogate standards. Method TO15 does not mandate the addition of surrogate standards.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)/Laboratory Duplicate /Field Duplicate Analysis

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.
Matrix Spike/Matrix Spike Duplicate analysis was not performed on samples pertaining to this SDG. Laboratory duplicate analysis was not performed.

Field Duplicate analysis was not required. When performed, acceptable precision for air samples is 25%. The following criteria are utilized for Field/Lab Duplicate analysis when performed:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample However, the detected concentration was >2x the reporting limit.	J in the parent and duplicate sample	UJ in the parent of duplicate sample

No qualifications to the data were applied based on MS/MSD/Laboratory Duplicate or Field Duplicate analysis.

1.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.
The following table summarizes the LCS criteria and the data qualification guidelines for all associated field samples.

LCS	NOT QUALIFIED	J	R
% Recovery:			
Detects	70-130%	<70%, >130%	
Non-Detects	>/=130%	50-69%	<50%
Absolute RT of LCS Compounds:			
LCS Compounds in samples RT: (min)	+/-0 .33		>/=0.33

Acceptable LCS was analyzed with each analytical batch. Recovery values for all spiked compounds was determined to be >70%-<130%.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Storage blanks measure cross-contamination during sample storage of the field samples and are not required for TO15 analysis. Canister blanks measure cross-contamination from the sampling media. The following table was utilized to qualify target analyte results due to method blank

contamination. The largest value from all the associated blanks is required to be utilized. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ppbv.

The table below is utilized to qualify samples with target compound results also present in certification blanks:

Certification Contamination	Sample Result	Action for Sample
>/=detect limit	>5x certification contamination	No qualification required
>/=detect limit	<detect limit	Detection limit "U"
>/=detect limit	>/=detect limit and </= 5x certification contamination level	5x certification contamination "U"
<detect limit	</=detection limit and >/= detection limit	No qualification

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

Method blanks were determined to be free of any contamination.

A) Field Blank Contamination:

Field Blank analysis was not required.

B) Trip Blank Contamination:

Trip Blank analysis was not required.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (24 hours) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R."

The following compounds can be >0.01 without qualification:

2-Butanone
Carbon Disulfide
Chloroethane
Chloromethane
1,2-Dibromoethane
1,2-Dichloropropane
1,4-Dioxane
1,2-Dibromo-3-chloropropane
Methylene Chloride

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) [or >/=0.01 for the 9 compounds above] and remaining analytes, for the initial and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <30% and %D must be <30%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria (>90%), non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 30% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Acceptable ICV was analyzed.

Initial Calibrations: The initial calibrations provided and the %RSD was within acceptable limits (30%) and (40%) for poor responders for all target compounds. Initial calibration verification standards met QC requirements.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (30%) and (40%) for poor responders for all reported compounds.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-40% to +40%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-20 seconds from the associated continuing calibration standard. If the area count is outside the (-40% to +40%) range of the associated standard, all positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 20 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Internal Standard area responses met QC requirements for all analysis as compared to the continuing calibration.

1.9 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.10 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis are acceptable. Correct internal standards and response factors and air volumes were used to calculate final concentrations.

Sample results have been presented in ug/m3 on the laboratory reporting forms. Samples were analyzed undiluted at 200mls. Analysis is acceptable.

1.11 Overall System Performance

GC/MS analytical methodology was acceptable for this analysis. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

Reviewer's Signature Lori A Blyn **Date** 12/31/2023

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

12 ECKFORD STREET
Address. BROOKLYN NY

NYC 2022

Chain of Custody Record 451412

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: AMY JORDAN	Site Contact: M. BALLETTA	Date: 12/18/2023	COC No
Company Name AKRF INC	Tel/Email: AJORDAN@AKRF.COM	Lab Contact: M. HAAS	Carrier:	1 of 1 COCs
Address 440 PARK AV. SOUTH	Analysis Turnaround Time			Sampler M. BALLETTA
City/State/Zip New York NY 10016	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone (646) 388-9264	TAT if different from Below STANDARD			Walk-in Client.
Fax	☐ 2 weeks			Lab Sampling
Project Name Nele 470 PROJECT	☐ 1 week			
Site. 12 ECKFORD STREET	☐ 2 days			Job / SDG No
PO# 123106	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TO-15 (NOD, ROUTINE TO-15, ALL 74)	Sample Specific Notes
SVES-INF-08_20231218	12/18/2023	905	G	A	2		X		
SVES-INT-08_20231218	12/18/2023	925	G	A	2		X		
SVES-EFF-08_20231218	12/18/2023	945	G	A	2		X		

12/18/2023

200-71332 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Category B Deliverable, AKRF EQUIS EDD, CLOSE SDG

Custody Seals Intact: ☐ Yes ☒ No | Custody Seal No | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No _____

Relinquished by	Company	Date/Time:	Received by:	Company	Date/Time
Colin Balletta	AKRF	12/18/2023 1700		TP NYC	12/18/23 13:30
Relinquished by	Company	Date/Time 16 00	Received by	Company	Date/Time
	TP NYC	12/18/23		ETA Burl	12/19/23 1130
Relinquished by	Company	Date/Time	Received in Laboratory by:	Company:	Date/Time

12/21/2023 11:57 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-71332-1

Login Number: 71332
List Number: 1
Creator: Muniz, Luca

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: New 470 Project; #12306

Report Number: 200-71332-1

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

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

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

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

RECEIPT
The samples were received on 12/19/2023 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

VOLATILE ORGANICS (AMBIENT AIR)
Samples SVES-INF-08_20231218 (200-71332-1), SVES-INT-08_20231218 (200-71332-2) and SVES-EFF-08_20231218 (200-71332-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 12/20/2023.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

12/31/2023

Appendix C
Data Summary Form I's
With Qualifications

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 | Lab Sample ID: 200-71332-1

Matrix: Air | Lab File ID: 58316_012.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	0.93	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	2.1		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41
75-35-4	1,1-Dichloroethene	2.0		0.14	0.10
67-64-1	Acetone	17		12	3.8
67-63-0	Isopropyl alcohol	72		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	4.5		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	2.4		0.79	0.091
110-54-3	n-Hexane	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	31		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	6.8		0.20	0.083
67-66-3	Chloroform	2.1		0.98	0.20
109-99-9	Tetrahydrofuran	5.2	J	15	3.8
71-55-6	1,1,1-Trichloroethane	14		1.1	0.24
110-82-7	Cyclohexane	0.56	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.35		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.49	J	0.93	0.18
71-43-2	Benzene	3.0		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	2.1		0.82	0.23

JDF 12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 Lab Sample ID: 200-71332-1

Matrix: Air Lab File ID: 58316_012.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	8.7		0.19	0.13
80-62-6	Methyl methacrylate	1.8	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.81	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.5		2.0	0.53
108-88-3	Toluene	21		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	10		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.7		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	4.1		2.2	0.41
95-47-6	o-Xylene	1.8		0.87	0.27
100-42-5	Styrene	1.8		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.36	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.41	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.44	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	1.4		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INF-08_20231218 | Lab Sample ID: 200-71332-1

Matrix: Air | Lab File ID: 58316_012.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:05

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 17:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

12/13/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 | Lab Sample ID: 200-71332-2

Matrix: Air | Lab File ID: 58316_013.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	1.0	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	3.8		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	0.96	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	3.4		1.5	0.41
75-35-4	1,1-Dichloroethene	1.8		0.14	0.10
67-64-1	Acetone	18		12	3.8
67-63-0	Isopropyl alcohol	65		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	3.9		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	1.7		0.79	0.091
110-54-3	n-Hexane	1.2	J	1.8	0.39
75-34-3	1,1-Dichloroethane	20		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	4.5		0.20	0.083
67-66-3	Chloroform	1.5		0.98	0.20
109-99-9	Tetrahydrofuran	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	8.2		1.1	0.24
110-82-7	Cyclohexane	0.49	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.24		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.66	J	0.93	0.18
71-43-2	Benzene	2.6		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	1.8		0.82	0.23

12/31/2023

12/21/2023
11:57 AM

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 | Lab Sample ID: 200-71332-2

Matrix: Air | Lab File ID: 58316_013.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1.6		0.19	0.13
80-62-6	Methyl methacrylate	1.3	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.83	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.0		2.0	0.53
108-88-3	Toluene	22		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	3.1		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.1		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	4.8		2.2	0.41
95-47-6	o-Xylene	2.1		0.87	0.27
100-42-5	Styrene	1.6		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.54	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.38	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.47	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.48	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	1.7		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-INT-08_20231218 Lab Sample ID: 200-71332-2

Matrix: Air Lab File ID: 58316_013.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:25

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 18:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 | Lab Sample ID: 200-71332-3

Matrix: Air | Lab File ID: 58316_014.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	0.97	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34
74-87-3	Chloromethane	1.0	U	1.0	0.31
106-97-8	n-Butane	4.1		1.2	0.48
75-01-4	Vinyl chloride	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	0.44	U	0.44	0.086
74-83-9	Bromomethane	0.78	U	0.78	0.28
75-00-3	Chloroethane	1.3	U	1.3	0.47
593-60-2	Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	1.0	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	1.9		0.14	0.10
67-64-1	Acetone	17		12	3.8
67-63-0	Isopropyl alcohol	58		12	3.9
75-15-0	Carbon disulfide	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	3.5		1.7	0.63
75-65-0	tert-Butyl alcohol	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	2.2		0.79	0.091
110-54-3	n-Hexane	1.0	J	1.8	0.39
75-34-3	1,1-Dichloroethane	27		0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	5.5		0.20	0.083
67-66-3	Chloroform	1.8		0.98	0.20
109-99-9	Tetrahydrofuran	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	8.3		1.1	0.24
110-82-7	Cyclohexane	0.50	J	0.69	0.20
56-23-5	Carbon tetrachloride	0.22		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	0.48	J	0.93	0.18
71-43-2	Benzene	2.6		0.64	0.14
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.38
142-82-5	n-Heptane	1.7		0.82	0.23

for 12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 | Lab Sample ID: 200-71332-3

Matrix: Air | Lab File ID: 58316_014.D

Analysis Method: TO-15 | Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) | Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 198901 | Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2.0		0.19	0.13
80-62-6	Methyl methacrylate	1.3	J	2.0	0.57
78-87-5	1,2-Dichloropropane	0.90	J	0.92	0.43
123-91-1	1,4-Dioxane	18	U	18	0.30
75-27-4	Bromodichloromethane	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.2		2.0	0.53
108-88-3	Toluene	24		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	1.9		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	1.1		0.92	0.20
100-41-4	Ethylbenzene	1.7		0.87	0.30
179601-23-1	m,p-Xylene	5.1		2.2	0.41
95-47-6	o-Xylene	2.5		0.87	0.27
100-42-5	Styrene	1.9		0.85	0.25
75-25-2	Bromoform	2.1	U	2.1	1.2
98-82-8	Cumene	0.57	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	0.48	J	0.98	0.23
622-96-8	4-Ethyltoluene	0.65	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	0.65	J	0.98	0.23
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	2.5		0.98	0.39
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	1.0	U	1.0	0.46

for 12/31/2023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-71332-1

SDG No.:

Client Sample ID: SVES-EFF-08_20231218 Lab Sample ID: 200-71332-3

Matrix: Air Lab File ID: 58316_014.D

Analysis Method: TO-15 Date Collected: 12/18/2023 09:45

Sample wt/vol: 200(mL) Date Analyzed: 12/20/2023 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 198901 Units: ug/m3

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
104-51-8	n-Butylbenzene	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	2.1	U	2.1	1.2
91-20-3	Naphthalene	2.6	U	2.6	1.6

12/13/2023

					Facility Wide			Scaled Max Impact (µg/m3)						Initial	ER
CAS NUMBER	CHEMICAL NAME	SGC (µg/m^3)	AGC (µg/m^3)	Toxicity	EFF Emissions (lb/hr)	Emissions (lb	annual (lb/yr)	1-hr	Annual-ERP	Annual-Actual	%SGC	%AGC	%AGC	ER	Adjustment
00071-55-6	METHYL CHLOROFORM	9000	5000	L	3.19344E-05	0.279745	0.279745244	0.00	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-34-5	TETRACHLOROETHANE, 1, 1, 2, 2	0	16	M	4.0097E-06	0.035125	0.035124963	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-13-1	TRICH112 (FREON 113)	960000	180000	L	2.79247E-06	0.024462	0.024462028	0.00	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-00-5	TRICHLOROETHANE, 1, 1, 2	0	1.4	M	3.15048E-06	0.027598	0.027598185	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-34-3	DICHLOROETHANE, 1, 1	0	0.63	L	4.43931E-05	0.388884	0.388883523	0.01	0.00	0.00	#DIV/0!	0.1%	0.1%	C	None
00075-35-4	VINYLIDENE CHLORIDE	0	200	M	5.58494E-06	0.048924	0.048924056	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00120-82-1	TRICHLORO BENZENE	3700	35	-	1.05971E-05	0.09283	0.09283026	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-63-6	TRIMETHYL BENZENE, 1, 2, 4	0	60	-	5.58494E-06	0.048924	0.048924056	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-93-4	DIBROMOETHANE, 1, 2	0	0.0017	H	4.29611E-06	0.037634	0.037633889	0.00	0.00	0.00	#DIV/0!	3.7%	3.7%	A	None
00095-50-1	DICHLOROBENZENE, ortho	30000	200	M	3.43688E-06	0.030107	0.030107111	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00107-06-2	DICHLOROETHANE, 1, 2	0	0.038	M	2.3199E-06	0.020322	0.0203223	0.00	0.00	0.00	#DIV/0!	0.1%	0.1%	B	None
00078-87-5	PROPYLENE DICHLORIDE	0	4	M	2.44878E-06	0.021451	0.021451317	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-14-2	DICHLOROTETRAFLUORETHANE	0	17000	-	4.0097E-06	0.035125	0.035124963	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00108-67-8	TRIMETHYLBENZENE, 1, 3, 5	0	60	M	1.56092E-06	0.013674	0.013673646	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-99-0	BUTADIENE, 1, 3	0	0.033	H	1.26019E-06	0.011039	0.011039274	0.00	0.00	0.00	#DIV/0!	0.1%	0.1%	A	None
00541-73-1	DICHLOROBENZENE, meta	0	10	M	3.43688E-06	0.030107	0.030107111	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-46-7	DICHLOROBENZENE, para	0	0.091	M	3.43688E-06	0.030107	0.030107111	0.00	0.00	0.00	#DIV/0!	0.1%	0.1%	B	None
00540-84-1	ISO-OCTANE	0	3300	M	1.38907E-06	0.012168	0.012168291	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00095-49-8	CHLOROTOLUENE, ortho	0	620	-	2.86407E-06	0.025089	0.02508926	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00591-78-6	METHYL BUTYL KETONE	4000	30	-	5.72814E-06	0.050179	0.050178519	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00622-96-8	BENZENE,1-ETHYL-4-METHYL-	-	-	-	1.51796E-06	0.013297	0.013297308	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00067-64-1	ACETONE	180000	30000	L	4.86892E-05	0.426517	0.426517412	0.01	0.00	0.00	0.0%	0.0%	0.0%	C	None
00107-05-1	ALLYL CHLORIDE	600	1	M	4.58251E-06	0.040143	0.040142815	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00071-43-2	BENZENE	27	0.13	H	8.0194E-06	0.07025	0.070249927	0.00	0.00	0.00	0.0%	0.1%	0.1%	A	None
00100-44-7	BENZYL CHLORIDE	240	0.02	H	2.86407E-06	0.025089	0.02508926	0.00	0.00	0.00	0.0%	0.2%	0.2%	A	None
00075-27-4	BROMODICHLOROMETHANE	0	70	M	3.72329E-06	0.032616	0.032616037	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-25-2	BROMOFORM	0	0.91	M	6.01455E-06	0.052687	0.052687445	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00074-83-9	METHYL BROMIDE	3900	5	M	2.23398E-06	0.01957	0.019569622	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00106-97-8	BUTANE	238000	0	-	8.87862E-06	0.077777	0.077776705	0.00	0.00	0.00	0.0%	#DIV/0!	#DIV/0!	B	#DIV/0!
00075-15-0	CARBON DISULFIDE	6200	700	M	4.58251E-06	0.040143	0.040142815	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00056-23-5	CARBON TETRACHLORIDE	1900	0.17	H	8.1626E-07	0.00715	0.007150439	0.00	0.00	0.00	0.0%	0.0%	0.0%	A	None
00108-90-7	CHLOROBENZENE	0	60	M	4.0097E-06	0.035125	0.035124963	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-45-6	CHLORODIFLUOROMETHANE	0	50000	-	2.72087E-06	0.023835	0.023834797	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-00-3	ETHYL CHLORIDE	0	10000	L	3.72329E-06	0.032616	0.032616037	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00067-66-3	CHLOROFORM	150	14.7	M	5.58494E-06	0.048924	0.048924056	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00074-87-3	CHLOROMETHANE	22000	90	M	2.86407E-06	0.025089	0.02508926	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00156-59-2	DICHLOROETHYLENE, cis	0	63	M	1.7614E-05	0.154299	0.154298946	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-01-5	1-PROPENE,1,3-DICHLORO-,(Z)-	-	-	-	2.6063E-06	0.022831	0.022831226	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00110-82-7	CYCLOHEXANE	0	6000	L	1.51796E-06	0.013297	0.013297308	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00099-87-6	BENZENE, 1-METHYL-4-(1-METHYL	-	-	-	3.15048E-06	0.027598	0.027598185	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00124-48-1	CHLORODIBROMOMETHANE	-	-	-	4.86892E-06	0.042652	0.042651741	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-71-8	DICHLORODIFLUOROMETHANE	0	12000	-	6.01455E-06	0.052687	0.052687445	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00100-41-4	ETHYL BENZENE	0	1000	M	4.86892E-06	0.042652	0.042651741	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00087-68-3	HEXACHLOROBUTADIENE	0	0.045	M	6.01455E-06	0.052687	0.052687445	0.00	0.00	0.00	#DIV/0!	0.2%	0.2%	B	None
00067-63-0	ISOPROPYL ALCOHOL	98000	7000	M	0.000186165	1.630802	1.63080187	0.03	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-82-8	CUMENE	0	400	-	2.21965E-06	0.019444	0.019444176	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
179601-23-1	#N/A	#N/A	#N/A	#N/A	1.31747E-05	0.115411	0.115410594	0.00	0.00	0.00	#N/A	#N/A	#N/A	#N/A	#N/A
00078-93-3	METHYL ETHYL KETONE	13000	5000	M	4.29611E-06	0.037634	0.037633889	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-10-1	METHYL ISOBUTYL KETONE	31000	3000	M	6.73057E-06	0.05896	0.05895976	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00080-62-6	METHYL METHACRYLATE	41000	700	M	4.43931E-06	0.038888	0.038888352	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00075-09-2	DICHLOROMETHANE	14000	46	M	1.14563E-05	0.100357	0.100357038	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00091-20-3	NAPHTHALENE	7900	3	M	7.44658E-06	0.065232	0.065232075	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00104-51-8	BENZENE, BUTYL-	-	-	-	3.15048E-06	0.027598	0.027598185	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00142-82-5	HEPTANE, N-	210000	3900	M	5.44173E-06	0.04767	0.047669593	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00110-54-3	HEXANE	0	700	M	3.00727E-06	0.026344	0.026343723	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00103-65-1	PROPYLBENZENE, N-	54000	1000	M	1.20291E-06	0.010537	0.010537489	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-47-6	XYLENE, ortho	22000	100	M	6.15775E-06	0.053942	0.053941908	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00135-98-8	BENZENE, (1-METHYLPROPYL)-	-	-	-	3.15048E-06	0.027598	0.027598185	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00100-42-5	STYRENE	17000	1000	M	5.29853E-06	0.046415	0.04641513	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-06-6	BENZENE, (1,1-DIMETHYLETHYL)-	-	-	-	3.15048E-06	0.027598	0.027598185	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-65-0	BUTYL ALCOHOL, TERT	0	720	-	4.29611E-05	0.376339	0.376338893	0.01	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
01634-04-4	METHYL TERTBUTYLETHER	0	3.8	M	2.06213E-06	0.018064	0.018064267	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00127-18-4	TETRACHLOROETHYLENE	300	3.8	M	1.70412E-05	0.149281	0.149281094	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00109-99-9	TETRAHYDROFURAN	30000	350	M	2.89271E-05	0.253402	0.253401521	0.00	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-88-3	TOLUENE	37000	5000	L	3.03591E-05	0.265946	0.265946151	0.00	0.00	0.00	0.0%	0.0%	0.0%	C	None
00156-60-5	DICHLOROETHYLENE, trans	0	63	M	3.43688E-06	0.030107	0.030107111	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-02-6	TRANS-1,3-DICHLORO PROPENE	-	-	-	1.30315E-06	0.011416	0.011415613	0.00	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00079-01-6	TRICHLOROETHYLENE	20	0.2	M	1.24587E-05	0.109138	0.109138279	0.00	0.00	0.00	0.0%	0.1%	0.1%	B	None
00075-69-4	TRICHLOROFLUOROMETHANE	9000	5000	L	1.43204E-06	0.012545	0.01254463	0.00	0.00	0.00	0.0%	0.0%	0.0%	C	None
00593-60-2	VINYL BROMIDE	0	3	H	1.24587E-06	0.010914	0.010913828	0.00	0.00	0.00	#DIV/0!	0.0%	0.0%	A	None
00075-01-4	VINYL CHLORIDE	180000	0.11	H	2.86407E-07	0.002509	0.002508926	0.00	0.00	0.00	0.0%	0.0%	0.0%	A	None

Appendix F
New 470 Project
12 Eckford Street
Brooklyn, New York
DAR-1 Analysis

#	Date Sampled	12/18/2023		12/18/2023	
	Unit	ug/m3		ug/m3	
	Dilution Factor	1		1	
	Compound	CONC	Q	CONC	Q
00071-55-6	1,1,1-Trichloroethane	14		8.30	
00079-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	U
00076-13-1	1,1,2-Trichlorotrifluoroethane	0.45	J	1.50	U
00079-00-5	1,1,2-Trichloroethane	1.10	U	1.10	U
00075-34-3	1,1-Dichloroethane	31.00		27.00	
00075-35-4	1,1-Dichloroethene	2.00		1.90	
00120-82-1	1,2,4-Trichlorobenzene	3.70	U	3.70	U
00095-63-6	1,2,4-Trimethylbenzene	1.40		2.50	
00106-93-4	1,2-Dibromoethane (Ethylene Dibrom	1.50	U	1.50	U
00095-50-1	1,2-Dichlorobenzene	1.20	U	1.20	U
00107-06-2	1,2-Dichloroethane	0.81	U	0.81	U
00078-87-5	1,2-Dichloropropane	0.81	J	0.90	J
00076-14-2	1,2-Dichlorotetrafluoroethane	1.40	U	1.40	U
00108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	0.44	J	0.65	J
00106-99-0	1,3-Butadiene	0.44	U	0.44	U
00541-73-1	1,3-Dichlorobenzene	1.20	U	1.20	U
00106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	U
00540-84-1	2,2,4-Trimethylpentane	0.49	J	0.48	J
00095-49-8	2-Chlorotoluene	1.00	U	1.00	U
00591-78-6	2-Hexanone	2.00	U	2.00	U
00622-96-8	4-Ethyltoluene	0.41	J	0.65	J
00067-64-1	Acetone	17.00		17.00	
00107-05-1	Allyl Chloride (3-Chloropropene)	1.60	U	1.60	U
00071-43-2	Benzene	3.00		2.60	
00100-44-7	Benzyl Chloride	1.00	U	1.00	U
00075-27-4	Bromodichloromethane	1.30	U	1.30	U
00075-25-2	Bromoform	2.10	U	2.10	U
00074-83-9	Bromomethane	0.78	U	0.78	U
00106-97-8	Butane	2.10		4.10	
00075-15-0	Carbon Disulfide	1.60	U	1.60	U
00056-23-5	Carbon Tetrachloride	0.35		0.22	
00108-90-7	Chlorobenzene	1.70		1.10	
00075-45-6	Chlorodifluoromethane	0.93	J	0.97	J
00075-00-3	Chloroethane	1.30	U	1.30	U
00067-66-3	Chloroform	2.10		1.80	
00074-87-3	Chloromethane	1.00	U	1.00	U
00156-59-2	Cis-1,2-Dichloroethylene	6.80		5.50	
10061-01-5	Cis-1,3-Dichloropropene	0.91	U	0.91	U
00110-82-7	Cyclohexane	0.56	J	0.50	J
00099-87-6	Cymene	1.10	U	1.10	U
00124-48-1	Dibromochloromethane	1.70	U	1.70	U
00075-71-8	Dichlorodifluoromethane	2.10	J	2.10	J
00100-41-4	Ethylbenzene	1.70		1.70	
00087-68-3	Hexachlorobutadiene	2.10	U	2.10	U
00067-63-0	Isopropanol	72.00		58.00	
00098-82-8	Isopropylbenzene (Cumene)	0.98	U	0.57	J
179601-23-1	M,P-Xylenes	4.10		5.10	
00078-93-3	Methyl Ethyl Ketone (2-Butanone)	1.50	U	1.50	U
00108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pe	2.50		2.20	
00080-62-6	Methyl Methacrylate	1.80	J	1.30	J
00075-09-2	Methylene Chloride	4.50		3.50	
00091-20-3	Naphthalene	2.60	U	2.60	U
00104-51-8	N-Butylbenzene	1.10	U	1.10	U
00142-82-5	N-Heptane	2.10		1.70	
00110-54-3	N-Hexane	1.10	J	1.00	J
00103-65-1	N-Propylbenzene	0.36	J	0.48	J
00095-47-6	O-Xylene (1,2-Dimethylbenzene)	1.80		2.50	
00135-98-8	Sec-Butylbenzene	1.10	U	1.10	U
00100-42-5	Styrene	1.80		1.90	
00098-06-6	T-Butylbenzene	1.10	U	1.10	U
00075-65-0	Tert-Butyl Alcohol	15.00	U	15.00	U
01634-04-4	Tert-Butyl Methyl Ether	0.72	U	0.72	U
00127-18-4	Tetrachloroethylene (PCE)	10.00		1.90	
00109-99-9	Tetrahydrofuran	5.20	J	15.00	U
00108-88-3	Toluene	21.00		24.00	
00156-60-5	Trans-1,2-Dichloroethene	2.40		2.20	
10061-02-6	Trans-1,3-Dichloropropene	0.91	U	0.91	U
00079-01-6	Trichloroethylene (TCE)	8.70		2.00	
00075-69-4	Trichlorofluoromethane	1.00	J	1.00	J
00593-60-2	Vinyl Bromide	0.87	U	0.87	U
00075-01-4	Vinyl Chloride	0.20	U	0.20	U

(ES-2 in SSDS and SVES As-Built Drawings.pdf)

SVES-EFF		SVES-INF	
Q_h (lb/hr)[1]	Q_a (lbs/year)[2]	Q_h (lb/hr)[1]	Q_a (lbs/year)[2]
1.19E-05	1.04E-01	2.00E-05	1.76E-01
2.00E-06	1.76E-02	2.00E-06	1.76E-02
2.15E-06	1.88E-02	6.44E-07	5.65E-03
1.58E-06	1.38E-02	1.58E-06	1.38E-02
3.87E-05	3.39E-01	4.44E-05	3.89E-01
2.72E-06	2.38E-02	2.86E-06	2.51E-02
5.30E-06	4.64E-02	5.30E-06	4.64E-02
3.58E-06	3.14E-02	2.00E-06	1.76E-02
2.15E-06	1.88E-02	2.15E-06	1.88E-02
1.72E-06	1.51E-02	1.72E-06	1.51E-02
1.16E-06	1.02E-02	1.16E-06	1.02E-02
1.29E-06	1.13E-02	1.16E-06	1.02E-02
2.00E-06	1.76E-02	2.00E-06	1.76E-02
9.31E-07	8.15E-03	6.30E-07	5.52E-03
6.30E-07	5.52E-03	6.30E-07	5.52E-03
1.72E-06	1.51E-02	1.72E-06	1.51E-02
1.72E-06	1.51E-02	1.72E-06	1.51E-02
6.87E-07	6.02E-03	7.02E-07	6.15E-03
1.43E-06	1.25E-02	1.43E-06	1.25E-02
2.86E-06	2.51E-02	2.86E-06	2.51E-02
9.31E-07	8.15E-03	5.87E-07	5.14E-03
2.43E-05	2.13E-01	2.43E-05	2.13E-01
2.29E-06	2.01E-02	2.29E-06	2.01E-02
3.72E-06	3.26E-02	4.30E-06	3.76E-02
1.43E-06	1.25E-02	1.43E-06	1.25E-02
1.86E-06	1.63E-02	1.86E-06	1.63E-02
3.01E-06	2.63E-02	3.01E-06	2.63E-02
1.12E-06	9.78E-03	1.12E-06	9.78E-03
5.87E-06	5.14E-02	3.01E-06	2.63E-02
2.29E-06	2.01E-02	2.29E-06	2.01E-02
3.15E-07	2.76E-03	5.01E-07	4.39E-03
1.58E-06	1.38E-02	2.43E-06	2.13E-02
1.39E-06	1.22E-02	1.33E-06	1.17E-02
1.86E-06	1.63E-02	1.86E-06	1.63E-02
2.58E-06	2.26E-02	3.01E-06	2.63E-02
1.43E-06	1.25E-02	1.43E-06	1.25E-02
7.88E-06	6.90E-02	9.74E-06	8.53E-02
1.30E-06	1.14E-02	1.30E-06	1.14E-02
7.16E-07	6.27E-03	8.02E-07	7.02E-03
1.58E-06	1.38E-02	1.58E-06	1.38E-02
2.43E-06	2.13E-02	2.43E-06	2.13E-02
3.01E-06	2.63E-02	3.01E-06	2.63E-02
2.43E-06	2.13E-02	2.43E-06	2.13E-02
3.01E-06	2.63E-02	3.01E-06	2.63E-02
8.31E-05	7.28E-01	1.03E-04	9.03E-01
8.16E-07	7.15E-03	1.40E-06	1.23E-02
7.30E-06	6.40E-02	5.87E-06	5.14E-02
2.15E-06	1.88E-02	2.15E-06	1.88E-02
3.15E-06	2.76E-02	3.58E-06	3.14E-02
1.86E-06	1.63E-02	2.58E-06	2.26E-02
5.01E-06	4.39E-02	6.44E-06	5.65E-02
3.72E-06	3.26E-02	3.72E-06	3.26E-02
1.58E-06	1.38E-02	1.58E-06	1.38E-02
2.43E-06	2.13E-02	3.01E-06	2.63E-02
1.43E-06	1.25E-02	1.58E-06	1.38E-02
6.87E-07	6.02E-03	5.16E-07	4.52E-03
3.58E-06	3.14E-02	2.58E-06	2.26E-02
1.58E-06	1.38E-02	1.58E-06	1.38E-02
2.72E-06	2.38E-02	2.58E-06	2.26E-02
1.58E-06	1.38E-02	1.58E-06	1.38E-02
2.15E-05	1.88E-01	2.15E-05	1.88E-01
1.03E-06	9.03E-03	1.03E-06	9.03E-03
2.72E-06	2.38E-02	1.43E-05	1.25E-01
2.15E-05	1.88E-01	7.45E-06	6.52E-02
		3.01E-05	2.63E-01
		3.44E-06	3.01E-02
		1.30E-06	1.14E-02
		1.25E-05	1.09E-01
		1.43E-06	1.25E-02
		1.25E-06	1.09E-02
2.86E-07	2.51E-03	2.86E-07	2.51E-03

	CAS#
1,1,1-Trichloroethane	71-55-6
1,1,2,2-Tetrachloroethane	79-34-5
1,1,2-Trichloroethane	79-00-5
1,1,2-Trichlorotrifluoroethane	76-13-1
1,1-Dichloroethane	75-34-3
1,1-Dichloroethene	75-35-4
1,2,4-Trichlorobenzene	120-82-1
1,2,4-Trimethylbenzene	95-63-6
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4
1,2-Dichlorobenzene	95-50-1
1,2-Dichloroethane	107-06-2
1,2-Dichloropropane	78-87-5
1,2-Dichlorotetrafluoroethane	76-14-2
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8
1,3-Butadiene	106-99-0
1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7
1,4-Dioxane	123-91-1
2,2,4-Trimethylpentane	540-84-1
2-Chlorotoluene	95-49-8
Allyl Chloride (3-Chloropropene)	107-05-1
4-Ethyltoluene	622-96-8
Cymene	99-87-6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1
Acetone	67-64-1
Benzene	71-43-2
Benzyl chloride	100-44-7
Bromodichloromethane	75-27-4
Vinyl Bromide	593-60-2
Bromoform	75-25-2
Bromomethane	74-83-9
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chlorodifluoromethane	75-45-6
Chloroethane	75-00-3
Chloroform	67-66-3
Chloromethane	74-87-3
Cis-1,2-Dichloroethylene	156-59-2
cis-1,3-Dichloropropene	10061-01-5
Isopropylbenzene (Cumene)	98-82-8
Cyclohexane	110-82-7
Dibromochloromethane	124-48-1
Dichlorodifluoromethane	75-71-8
Ethylbenzene	100-41-4
Hexachlorobutadiene	87-68-3
Isopropyl alcohol	67-63-0
m,p-Xylene	179601-23-1
Methyl Butyl Ketone (2-Hexanone)	591-78-6
Methyl Ethyl Ketone (2-Butanone)	78-93-3
Methyl methacrylate	80-62-6
Tert-Butyl Methyl Ether	1634-04-4
Methylene Chloride	75-09-2
Naphthalene	91-20-3
n-Butane	106-97-8
n-Butylbenzene	104-51-8
n-Heptane	142-82-5
n-Hexane	110-54-3
n-Propylbenzene	103-65-1
O-Xylene (1,2-Dimethylbenzene)	95-47-6
sec-Butylbenzene	135-98-8
Styrene	100-42-5
tert-Butyl alcohol	75-65-0
T-Butylbenzene	98-06-6
Tetrachloroethylene (PCE)	127-18-4
Tetrahydrofuran	109-99-9
Toluene	108-88-3
trans-1,2-Dichloroethene	156-60-5
trans-1,3-Dichloropropene	10061-02-6
Trichloroethylene (TCE)	79-01-6
Trichlorofluoromethane	75-69-4
Vinyl chloride	75-01-4

Qualifier	Description
B	Indicates the analyte is detected in the associated blank as well as in the sample.
D	Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the conc
J	The reported value is estimated
K	Reported concentration value is proportional to dilution factor and may be exaggerated
L	Sample result is estimated and biased low.
R	Indicates the reported result is unusable. (note: the analyte may or may not be present.)
U	Indicates that the compound was analyzed for, but not detected.

Stack and Building Parameters

Values		(ES-2 in SSDS and SVES As-Built Drawings.pdf)	(ES-2 in *SSDS and SVES As-Built Drawings.pdf*)	
Term	Symbol	SSDS	SVES	
Stack Height[1]	h_s	90.00	90.00	(ft)
Stack Diameter		6.00	6.00	(in)
Exhaust Temperature		73	73	(F)
Exit Flow Rate		378	378	(scfm)
		387	387	(acfm)
Operating Hours		8760	8760	

Drawings:
W:\Projects\12306 - 12 ECKFORD STREET\Technical\Hazmat\Post-COC Work\Quarterly Reporting\2020\Q1 SVES\DAR-1 Analysis\info for AQ

		ES-1	**ES-2**	
Stack Height	(feet)	90	**90**	SSDS and SVES As-Built Drawings.pdf (See ENV-103, Detail 3)
Stack Diameter	(inch)	6	**6**	
Stack Exhaust Flow Rate	(acfm)	387	**387**	
Stack Exhaust Temperature	(F)	64	76	
	(K)	291	**298**	

Is the stack vertical, horizontal, or capped:
Vertical with a candy cane (See ENV-103, Detail 3) - modeled as capped

Building dimensions (length, width, height):
192'10.5" (L) x 80' (H) x 117'8.5" (W) (approximate)
also used additional building info found in 003 Z-001.00 Zoning 12.06.18.pdf for building profile (compared with using bpip inputs for downwash)
(W:\Projects\12306 - 12 ECKFORD STREET\Technical\Hazmat\Post-COC Work\Quarterly Reporting\2020\Q1 SVES\DAR-1 Analysis\info for AQ\relevant development plans)

Height of the stack above the building roof; terminal/total height
10' SSDS and SVES As-Built Drawings.pdf (See ENV-103, Detail 3)
Distance from the stack to the property line:
~50'

Distance from the stack to the nearest off-site receptors (nearest receptor would be a window / any opening and even sidewalk receptors whichever is closer.)
~140’ (to nearest 8-story building to the east)

Max Modeled 1-hr Impact Conc. @ 1 lb/hr ERP (µg/m^3) =			146.800												
Max Modeled Annual Impact Conc. @ 1 lb/hr ERP (µg/m^3) =			14.680												
					Emission Point			Scaled Max Impact Conc. (µg/m3)						Initial	ER
CAS NUMBER	CHEMICAL NAME	SGC (µg/m^3)	AGC (µg/m^3)	Toxicity	Emissions (lb	Emissions (lb	annual (lb/yr)	1-hr	Annual-ERP	Annual-Actual	%SGC	%AGC	%AGC	ER	Adjustment
00071-55-6	METHYL CHLOROFORM	9000	5000	L	1.19E-05	0.10412	1.04E-01	0.00174	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-34-5	TETRACHLOROETHANE, 1, 1, 2, 2	0	16	M	2.00E-06	0.017562	1.76E-02	0.00029	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-13-1	TRICH112 (FREON 113)	960000	180000	L	2.15E-06	0.018817	1.88E-02	0.00032	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-00-5	TRICHLOROETHANE, 1, 1, 2	0	1.4	M	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-34-3	DICHLOROETHANE, 1, 1	0	0.63	L	3.87E-05	0.338705	3.39E-01	0.00568	0.00	0.00	#DIV/0!	0.1%	0.1%	C	None
00075-35-4	VINYLIDENE CHLORIDE	0	200	M	2.72E-06	0.023835	2.38E-02	0.0004	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00120-82-1	TRICHLORO BENZENE	3700	35	-	5.30E-06	0.046415	4.64E-02	0.00078	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-63-6	TRIMETHYL BENZENE, 1, 2, 4	0	60	-	3.58E-06	0.031362	3.14E-02	0.00053	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-93-4	DIBROMOETHANE, 1, 2	0	0.0017	H	2.15E-06	0.018817	1.88E-02	0.00032	0.00	0.00	#DIV/0!	1.9%	1.9%	A	None
00095-50-1	DICHLOROBENZENE, ortho	30000	200	M	1.72E-06	0.015054	1.51E-02	0.00025	0.00	0.00	0.0%	0.0%	0.0%	B	None
00107-06-2	DICHLOROETHANE, 1, 2	0	0.038	M	1.16E-06	0.010161	1.02E-02	0.00017	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00078-87-5	PROPYLENE DICHLORIDE	0	4	M	1.29E-06	0.01129	1.13E-02	0.00019	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-14-2	DICHLOROTETRAFLUORETHANE	0	17000	-	2.00E-06	0.017562	1.76E-02	0.00029	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00108-67-8	TRIMETHYLBENZENE, 1, 3, 5	0	60	M	9.31E-07	0.008154	8.15E-03	0.00014	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-99-0	BUTADIENE, 1, 3	0	0.033	H	6.30E-07	0.00552	5.52E-03	9.2E-05	0.00	0.00	#DIV/0!	0.0%	0.0%	A	None
00541-73-1	DICHLOROBENZENE, meta	0	10	M	1.72E-06	0.015054	1.51E-02	0.00025	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-46-7	DICHLOROBENZENE, para	0	0.091	M	1.72E-06	0.015054	1.51E-02	0.00025	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00540-84-1	ISO-OCTANE	0	3300	M	6.87E-07	0.006021	6.02E-03	0.0001	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00095-49-8	CHLOROTOLUENE, ortho	0	620	-	1.43E-06	0.012545	1.25E-02	0.00021	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00591-78-6	METHYL BUTYL KETONE	4000	30	-	2.86E-06	0.025089	2.51E-02	0.00042	0.00	0.00	0.0%	0.0%	0.0%	B	None
00622-96-8	BENZENE,1-ETHYL-4-METHYL-	-	-	-	9.31E-07	0.008154	8.15E-03	0.00014	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00067-64-1	ACETONE	180000	30000	L	2.43E-05	0.213259	2.13E-01	0.00357	0.00	0.00	0.0%	0.0%	0.0%	C	None
00107-05-1	ALLYL CHLORIDE	600	1	M	2.29E-06	0.020071	2.01E-02	0.00034	0.00	0.00	0.0%	0.0%	0.0%	B	None
00071-43-2	BENZENE	27	0.13	H	3.72E-06	0.032616	3.26E-02	0.00055	0.00	0.00	0.0%	0.0%	0.0%	A	None
00100-44-7	BENZYL CHLORIDE	240	0.02	H	1.43E-06	0.012545	1.25E-02	0.00021	0.00	0.00	0.0%	0.1%	0.1%	A	None
00075-27-4	BROMODICHLOROMETHANE	0	70	M	1.86E-06	0.016308	1.63E-02	0.00027	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-25-2	BROMOFORM	0	0.91	M	3.01E-06	0.026344	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00074-83-9	METHYL BROMIDE	3900	5	M	1.12E-06	0.009785	9.78E-03	0.00016	0.00	0.00	0.0%	0.0%	0.0%	B	None
00106-97-8	BUTANE	238000	0	-	5.87E-06	0.051433	5.14E-02	0.00086	0.00	0.00	0.0%	#DIV/0!	#DIV/0!	B	#DIV/0!
00075-15-0	CARBON DISULFIDE	6200	700	M	2.29E-06	0.020071	2.01E-02	0.00034	0.00	0.00	0.0%	0.0%	0.0%	B	None
00056-23-5	CARBON TETRACHLORIDE	1900	0.17	H	3.15E-07	0.00276	2.76E-03	4.6E-05	0.00	0.00	0.0%	0.0%	0.0%	A	None
00108-90-7	CHLOROBENZENE	0	60	M	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-45-6	CHLORODIFLUOROMETHANE	0	50000	-	1.39E-06	0.012168	1.22E-02	0.0002	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-00-3	ETHYL CHLORIDE	0	10000	L	1.86E-06	0.016308	1.63E-02	0.00027	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00067-66-3	CHLOROFORM	150	14.7	M	2.58E-06	0.02258	2.26E-02	0.00038	0.00	0.00	0.0%	0.0%	0.0%	B	None
00074-87-3	CHLOROMETHANE	22000	90	M	1.43E-06	0.012545	1.25E-02	0.00021	0.00	0.00	0.0%	0.0%	0.0%	B	None
00156-59-2	DICHLOROETHYLENE, cis	0	63	M	7.88E-06	0.068995	6.90E-02	0.00116	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-01-5	1-PROPENE,1,3-DICHLORO-,(Z)-	-	-	-	1.30E-06	0.011416	1.14E-02	0.00019	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00110-82-7	CYCLOHEXANE	0	6000	L	7.16E-07	0.006272	6.27E-03	0.00011	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00099-87-6	BENZENE, 1-METHYL-4-(1-METHYL	-	-	-	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00124-48-1	CHLORODIBROMOMETHANE	-	-	-	2.43E-06	0.021326	2.13E-02	0.00036	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-71-8	DICHLORODIFLUOROMETHANE	0	12000	-	3.01E-06	0.026344	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00100-41-4	ETHYL BENZENE	0	1000	M	2.43E-06	0.021326	2.13E-02	0.00036	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00087-68-3	HEXACHLOROBUTADIENE	0	0.045	M	3.01E-06	0.026344	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.1%	0.1%	B	None
00067-63-0	ISOPROPYL ALCOHOL	98000	7000	M	8.31E-05	0.727589	7.28E-01	0.01219	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-82-8	CUMENE	0	400	-	8.16E-07	0.00715	7.15E-03	0.00012	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
179601-23-1	#N/A	#N/A	#N/A	#N/A	7.30E-06	0.063978	6.40E-02	0.00107	0.00	0.00	#N/A	#N/A	#N/A	#N/A	#N/A
00078-93-3	METHYL ETHYL KETONE	13000	5000	M	2.15E-06	0.018817	1.88E-02	0.00032	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-10-1	METHYL ISOBUTYL KETONE	31000	3000	M	3.15E-06	0.027598	2.76E-02	0.00046	0.00	0.00	0.0%	0.0%	0.0%	B	None
00080-62-6	METHYL METHACRYLATE	41000	700	M	1.86E-06	0.016308	1.63E-02	0.00027	0.00	0.00	0.0%	0.0%	0.0%	B	None
00075-09-2	DICHLOROMETHANE	14000	46	M	5.01E-06	0.043906	4.39E-02	0.00074	0.00	0.00	0.0%	0.0%	0.0%	B	None
00091-20-3	NAPHTHALENE	7900	3	M	3.72E-06	0.032616	3.26E-02	0.00055	0.00	0.00	0.0%	0.0%	0.0%	B	None
00104-51-8	BENZENE, BUTYL-	-	-	-	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00142-82-5	HEPTANE, N-	210000	3900	M	2.43E-06	0.021326	2.13E-02	0.00036	0.00	0.00	0.0%	0.0%	0.0%	B	None
00110-54-3	HEXANE	0	700	M	1.43E-06	0.012545	1.25E-02	0.00021	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00103-65-1	PROPYLBENZENE, N-	54000	1000	M	6.87E-07	0.006021	6.02E-03	0.0001	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-47-6	XYLENE, ortho	22000	100	M	3.58E-06	0.031362	3.14E-02	0.00053	0.00	0.00	0.0%	0.0%	0.0%	B	None
00135-98-8	BENZENE, (1-METHYLPROPYL)-	-	-	-	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00100-42-5	STYRENE	17000	1000	M	2.72E-06	0.023835	2.38E-02	0.0004	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-06-6	BENZENE, (1,1-DIMETHYLETHYL)-	-	-	-	1.58E-06	0.013799	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-65-0	BUTYL ALCOHOL, TERT	0	720	-	2.15E-05	0.188169	1.88E-01	0.00315	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
01634-04-4	METHYL TERTBUTYLETHER	0	3.8	M	1.03E-06	0.009032	9.03E-03	0.00015	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00127-18-4	TETRACHLOROETHYLENE	300	3.8	M	2.72E-06	0.023835	2.38E-02	0.0004	0.00	0.00	0.0%	0.0%	0.0%	B	None
00109-99-9	TETRAHYDROFURAN	30000	350	M	2.15E-05	0.188169	1.88E-01	0.00315	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-88-3	TOLUENE	37000	5000	L	2.86E-07	0.002509	2.51E-03	4.2E-05	0.00	0.00	0.0%	0.0%	0.0%	C	None
00156-60-5	DICHLOROETHYLENE, trans	0	63	M		0		0	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-02-6	TRANS-1,3-DICHLORO PROPENE	-	-	-		0		0	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00079-01-6	TRICHLOROETHYLENE	20	0.2	M		0		0	0.00	0.00	0.0%	0.0%	0.0%	B	None
00075-69-4	TRICHLOROFLUOROMETHANE	9000	5000	L		0		0	0.00	0.00	0.0%	0.0%	0.0%	C	None
00593-60-2	VINYL BROMIDE	0	3	H		0		0	0.00	0.00	#DIV/0!	0.0%	0.0%	A	None
00075-01-4	VINYL CHLORIDE	180000	0.11	H		0		0	0.00	0.00	0.0%	0.0%	0.0%	A	None

Appendix H
New 470 Project
12 Eckford Street
Brooklyn, New York
DAR-1 Analysis

Max Modeled 1-hr Impact Conc. @ 1 lb/hr ERP (µg/m^3) =			146.800														
Max Modeled Annual Impact Conc. @ 1 lb/hr ERP (µg/m^3) =			14.680														
					Emission Point			Scaled Max Impact Conc. (µg/m3)							Initial	ER
CAS NUMBER	CHEMICAL NAME	SGC (µg/m^3)	AGC (µg/m^3)	Toxicity	F Emissions (lb/h	Emissions (lb	annual (lb/yr)	1-hr	Annual-ERP	Annual-Actual	%SGC	%AGC	%AGC	ER	Adjustment
00071-55-6	METHYL CHLOROFORM	9000	5000	L	2.00E-05	0.1756248	1.76E-01	0.00294	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-34-5	TETRACHLOROETHANE, 1, 1, 2, 2	0	16	M	2.00E-06	0.0175625	1.76E-02	0.00029	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-13-1	TRICH112 (FREON 113)	960000	180000	L	6.44E-07	0.0056451	5.65E-03	9.5E-05	0.00	0.00	0.0%	0.0%	0.0%	C	None
00079-00-5	TRICHLOROETHANE, 1, 1, 2	0	1.4	M	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-34-3	DICHLOROETHANE, 1, 1	0	0.63	L	4.44E-05	0.3888835	3.89E-01	0.00652	0.00	0.00	#DIV/0!	0.1%	0.1%	C	None
00075-35-4	VINYLIDENE CHLORIDE	0	200	M	2.86E-06	0.0250893	2.51E-02	0.00042	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00120-82-1	TRICHLORO BENZENE	3700	35	-	5.30E-06	0.0464151	4.64E-02	0.00078	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-63-6	TRIMETHYL BENZENE, 1, 2, 4	0	60	-	2.00E-06	0.0175625	1.76E-02	0.00029	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-93-4	DIBROMOETHANE, 1, 2	0	0.0017	H	2.15E-06	0.0188169	1.88E-02	0.00032	0.00	0.00	#DIV/0!	1.9%	1.9%	A	None
00095-50-1	DICHLOROBENZENE, ortho	30000	200	M	1.72E-06	0.0150536	1.51E-02	0.00025	0.00	0.00	0.0%	0.0%	0.0%	B	None
00107-06-2	DICHLOROETHANE, 1, 2	0	0.038	M	1.16E-06	0.0101612	1.02E-02	0.00017	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00078-87-5	PROPYLENE DICHLORIDE	0	4	M	1.16E-06	0.0101612	1.02E-02	0.00017	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00076-14-2	DICHLOROTETRAFLUORETHANE	0	17000	-	2.00E-06	0.0175625	1.76E-02	0.00029	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00108-67-8	TRIMETHYLBENZENE, 1, 3, 5	0	60	M	6.30E-07	0.0055196	5.52E-03	9.2E-05	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-99-0	BUTADIENE, 1, 3	0	0.033	H	6.30E-07	0.0055196	5.52E-03	9.2E-05	0.00	0.00	#DIV/0!	0.0%	0.0%	A	None
00541-73-1	DICHLOROBENZENE, meta	0	10	M	1.72E-06	0.0150536	1.51E-02	0.00025	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00106-46-7	DICHLOROBENZENE, para	0	0.091	M	1.72E-06	0.0150536	1.51E-02	0.00025	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00540-84-1	ISO-OCTANE	0	3300	M	7.02E-07	0.0061469	6.15E-03	0.0001	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00095-49-8	CHLOROTOLUENE, ortho	0	620	-	1.43E-06	0.0125446	1.25E-02	0.00021	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00591-78-6	METHYL BUTYL KETONE	4000	30	-	2.86E-06	0.0250893	2.51E-02	0.00042	0.00	0.00	0.0%	0.0%	0.0%	B	None
00622-96-8	BENZENE,1-ETHYL-4-METHYL-	-	-	-	5.87E-07	0.0051433	5.14E-03	8.6E-05	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00067-64-1	ACETONE	180000	30000	L	2.43E-05	0.2132587	2.13E-01	0.00357	0.00	0.00	0.0%	0.0%	0.0%	C	None
00107-05-1	ALLYL CHLORIDE	600	1	M	2.29E-06	0.0200714	2.01E-02	0.00034	0.00	0.00	0.0%	0.0%	0.0%	B	None
00071-43-2	BENZENE	27	0.13	H	4.30E-06	0.0376339	3.76E-02	0.00063	0.00	0.00	0.0%	0.0%	0.0%	A	None
00100-44-7	BENZYL CHLORIDE	240	0.02	H	1.43E-06	0.0125446	1.25E-02	0.00021	0.00	0.00	0.0%	0.1%	0.1%	A	None
00075-27-4	BROMODICHLOROMETHANE	0	70	M	1.86E-06	0.016308	1.63E-02	0.00027	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-25-2	BROMOFORM	0	0.91	M	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00074-83-9	METHYL BROMIDE	3900	5	M	1.12E-06	0.0097848	9.78E-03	0.00016	0.00	0.00	0.0%	0.0%	0.0%	B	None
00106-97-8	BUTANE	238000	0	-	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	0.0%	#DIV/0!	#DIV/0!	B	#DIV/0!
00075-15-0	CARBON DISULFIDE	6200	700	M	2.29E-06	0.0200714	2.01E-02	0.00034	0.00	0.00	0.0%	0.0%	0.0%	B	None
00056-23-5	CARBON TETRACHLORIDE	1900	0.17	H	5.01E-07	0.0043906	4.39E-03	7.4E-05	0.00	0.00	0.0%	0.0%	0.0%	A	None
00108-90-7	CHLOROBENZENE	0	60	M	2.43E-06	0.0213259	2.13E-02	0.00036	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-45-6	CHLORODIFLUOROMETHANE	0	50000	-	1.33E-06	0.0116665	1.17E-02	0.0002	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00075-00-3	ETHYL CHLORIDE	0	10000	L	1.86E-06	0.016308	1.63E-02	0.00027	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00067-66-3	CHLOROFORM	150	14.7	M	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	0.0%	0.0%	0.0%	B	None
00074-87-3	CHLOROMETHANE	22000	90	M	1.43E-06	0.0125446	1.25E-02	0.00021	0.00	0.00	0.0%	0.0%	0.0%	B	None
00156-59-2	DICHLOROETHYLENE, cis	0	63	M	9.74E-06	0.0853035	8.53E-02	0.00143	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-01-5	1-PROPENE,1,3-DICHLORO-,(Z)-	-	-	-	1.30E-06	0.0114156	1.14E-02	0.00019	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00110-82-7	CYCLOHEXANE	0	6000	L	8.02E-07	0.007025	7.02E-03	0.00012	0.00	0.00	#DIV/0!	0.0%	0.0%	C	None
00099-87-6	BENZENE, 1-METHYL-4-(1-METHYI	-	-	-	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00124-48-1	CHLORODIBROMOMETHANE	-	-	-	2.43E-06	0.0213259	2.13E-02	0.00036	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-71-8	DICHLORODIFLUOROMETHANE	0	12000	-	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00100-41-4	ETHYL BENZENE	0	1000	M	2.43E-06	0.0213259	2.13E-02	0.00036	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00087-68-3	HEXACHLOROBUTADIENE	0	0.045	M	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	#DIV/0!	0.1%	0.1%	B	None
00067-63-0	ISOPROPYL ALCOHOL	98000	7000	M	1.03E-04	0.9032133	9.03E-01	0.01514	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-82-8	CUMENE	0	400	-	1.40E-06	0.0122937	1.23E-02	0.00021	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
179601-23-1	#N/A	#N/A	#N/A	#N/A	5.87E-06	0.051433	5.14E-02	0.00086	0.00	0.00	#N/A	#N/A	#N/A	#N/A	#N/A
00078-93-3	METHYL ETHYL KETONE	13000	5000	M	2.15E-06	0.0188169	1.88E-02	0.00032	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-10-1	METHYL ISOBUTYL KETONE	31000	3000	M	3.58E-06	0.0313616	3.14E-02	0.00053	0.00	0.00	0.0%	0.0%	0.0%	B	None
00080-62-6	METHYL METHACRYLATE	41000	700	M	2.58E-06	0.0225803	2.26E-02	0.00038	0.00	0.00	0.0%	0.0%	0.0%	B	None
00075-09-2	DICHLOROMETHANE	14000	46	M	6.44E-06	0.0564508	5.65E-02	0.00095	0.00	0.00	0.0%	0.0%	0.0%	B	None
00091-20-3	NAPHTHALENE	7900	3	M	3.72E-06	0.032616	3.26E-02	0.00055	0.00	0.00	0.0%	0.0%	0.0%	B	None
00104-51-8	BENZENE, BUTYL-	-	-	-	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00142-82-5	HEPTANE, N-	210000	3900	M	3.01E-06	0.0263437	2.63E-02	0.00044	0.00	0.00	0.0%	0.0%	0.0%	B	None
00110-54-3	HEXANE	0	700	M	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00103-65-1	PROPYLBENZENE, N-	54000	1000	M	5.16E-07	0.0045161	4.52E-03	7.6E-05	0.00	0.00	0.0%	0.0%	0.0%	B	None
00095-47-6	XYLENE, ortho	22000	100	M	2.58E-06	0.0225803	2.26E-02	0.00038	0.00	0.00	0.0%	0.0%	0.0%	B	None
00135-98-8	BENZENE, (1-METHYLPROPYL)-	-	-	-	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00100-42-5	STYRENE	17000	1000	M	2.58E-06	0.0225803	2.26E-02	0.00038	0.00	0.00	0.0%	0.0%	0.0%	B	None
00098-06-6	BENZENE, (1,1-DIMETHYLETHYL)-	-	-	-	1.58E-06	0.0137991	1.38E-02	0.00023	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00075-65-0	BUTYL ALCOHOL, TERT	0	720	-	2.15E-05	0.1881694	1.88E-01	0.00315	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
01634-04-4	METHYL TERTBUTYLETHER	0	3.8	M	1.03E-06	0.0090321	9.03E-03	0.00015	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
00127-18-4	TETRACHLOROETHYLENE	300	3.8	M	1.43E-05	0.1254463	1.25E-01	0.0021	0.00	0.00	0.0%	0.0%	0.0%	B	None
00109-99-9	TETRAHYDROFURAN	30000	350	M	7.45E-06	0.0652321	6.52E-02	0.00109	0.00	0.00	0.0%	0.0%	0.0%	B	None
00108-88-3	TOLUENE	37000	5000	L	3.01E-05	0.2634372	2.63E-01	0.00441	0.00	0.00	0.0%	0.0%	0.0%	C	None
00156-60-5	DICHLOROETHYLENE, trans	0	63	M	3.44E-06	0.0301071	3.01E-02	0.0005	0.00	0.00	#DIV/0!	0.0%	0.0%	B	None
10061-02-6	TRANS-1,3-DICHLORO PROPENE	-	-	-	1.30E-06	0.0114156	1.14E-02	0.00019	0.00	0.00	#VALUE!	#VALUE!	#VALUE!	B	#VALUE!
00079-01-6	TRICHLOROETHYLENE	20	0.2	M	1.25E-05	0.1091383	1.09E-01	0.00183	0.00	0.00	0.0%	0.1%	0.1%	B	None
00075-69-4	TRICHLOROFLUOROMETHANE	9000	5000	L	1.43E-06	0.0125446	1.25E-02	0.00021	0.00	0.00	0.0%	0.0%	0.0%	C	None
00593-60-2	VINYL BROMIDE	0	3	H	1.25E-06	0.0109138	1.09E-02	0.00018	0.00	0.00	#DIV/0!	0.0%	0.0%	A	None
00075-01-4	VINYL CHLORIDE	180000	0.11	H	2.86E-07	0.0025089	2.51E-03	4.2E-05	0.00	0.00	0.0%	0.0%	0.0%	A	None

CAS NUMBER	CHEMICAL NAME	ELEMENT	REFERENCED COMPOUND	
0				
**** PTFE ****	**PTFE (DECOMPOSITION)**			
FLUORIDE	**FLUORIDE NY STANDARD**	**F**		
00050-00-0	**FORMALDEHYDE**			
00050-01-1	GUANADINE, MONOHYDROCHLORIDE	-	-	-
00050-07-7	AZIRINO(2',3':3,4)PYRROLO(1,2-A)INDOLE-4,7-DIC	-	-	-
00050-14-6	VITAMIN D2	-	-	-
00050-18-0	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE,N,N-BIS(2	-	-	-
00050-21-5	PROPANOIC ACID, 2-HYDROXY-	-	-	-
00050-23-7	PREGN-4-ENE, 20-DIONE, 11,17,21-TRIHYDROXY	-	-	-
00050-29-3	**DDT**			
00050-32-8	**B A P**			
00050-70-4	D-GLUCITOL	-	-	-
00050-76-0	ACTINOMYCIN D	-	-	-
00050-78-2	BENZOIC ACID, 2-(ACETYLOXY)-	-	-	-
00050-81-7	ASCORBIC ACID	-	-	-
00050-84-0	BENZOIC ACID, 2,4-DICHLORO-	-	-	-
00050-99-7	D-GLUCOSE C6H1206	-	-	-
00051-03-6	1,3 - BENZODIOXOLE, 5-[[2-(2-BUTOXYETHOXY)E	-	-	-
00051-17-2	BENZIMIDAZOLE	-	-	-
00051-18-3	1,3,5-TRIAZINE, 2,4,6-TRIS-(1-AZIRIDINYL)-	-	-	-
00051-21-8	PYRIMIDINEDIONE, 5-FLUORO-2,4(1H,3H)-	-	-	-
00051-28-5	**DINITROPHENOL, 2, 4**			
00051-33-2	OXAAZONTRICYLNONHYDOXOPHENPROPDIME/	-	-	-
00051-34-3	BENZENEACETIC ACID,A-(HYDROHYMETHYL)-,9	-	-	-
00051-75-2	**NITROGEN MUSTARD**			
00051-79-6	**URETHANE**			
00051-83-2	ETHANAMINIUM,2-((AMINOCARBONYL)OXY)-N,N,	-	-	-
00052-24-4	AZIRIDINE 1,1',1" PHOSPHINOTHIOYLIDYNETRIS	-	-	-
00052-68-6	**TRICHLOROPHON**			
00053-70-3	**DIBENZ(a,h)ANTHRACENENE**			
00053-86-1	1-PARA-CHLOROBENZOYL)-5-METHOXY-2-METH	-	-	-
00053-96-3	2-ACETYLAMINOFLUORENE	-	-	-
00054-11-5	METHYLPYRROLIDINE, BETA-PYRIDYL-ALPHA-N	-	-	-
00054-62-6	AMINOFOLIC ACID, 4-	-	-	-
00055-18-5	**NITROSODIETHYLAMINE**			
00055-21-0	BENZAMIDE	-	-	-
00055-38-9	**FENTHION**			
00055-55-0	PHENOL,4-(METHYLAMINO)-,SULFATE	-	-	-
00055-63-0	**NITROGLYCERINE**			
00055-86-7	ETHANAMINE, 2-CHLORO-N-(2 CHLOROETHYL)-N	-	-	-
00055-91-4	DIISOPROPYL FLUOROPHOSPHATE	-	-	-
00056-23-5	**CARBON TETRACHLORIDE**			
00056-25-7	7-OXABICYCLO(2,2,1)HEPTANE-2,3-DICARBOXILI	-	-	-
00056-38-2	**PARATHION**			

00056-40-6	GLYCINE	-	-	-
00056-49-5	3-METHYLCHOLANTHRENE	-	-	-
00056-53-1	DIETHYLSTILBESTROL	-	-	-
00056-55-3	**BENZO(A)ANTHRACENE**			
00056-65-5	ADENOSINE 5' (TERAHYDROGEN TRIPHOSPHAT	-	-	-
00056-72-4	**COUMAPHOS**			
00056-75-7	ACETAMIDE, 2,2"- DICHLORO -N[2-HYDROXYMET	-	-	-
00056-81-5	**GLYCERIN**			
00056-86-0	L-GLUTAMIC ACID	-	-	-
00057-06-7	1-PROPENE, 3-ISOTHIOCYANATO-	-	-	-
00057-10-3	HEXADECANOIC ACID	-	-	-
00057-11-4	OCTADECANOIC ACID	-	-	-
00057-12-5	**CYANIDE**	**CN**		
00057-13-6	UREA	-	-	-
00057-14-7	**DIMETHYL HYDRAZINE**			
00057-24-9	**STRYCHNINE**			
00057-47-6	PYRROLO(2,3-B)INDOL-5-01, 1,2,3,3A,8,8A-HEXAH	-	-	-
00057-50-1	A-D-GLUCOPYRANOSIDE,B-D-FRUCTOFURANOS	-	-	-
00057-53-4	1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICAF	-	-	-
00057-55-6	**PROPANEDIOL, 1, 2**		**00107-98-2**	
00057-57-8	**PROPIOLACTONE, beta**			
00057-63-6	19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIC	-	-	-
00057-64-7	PHYSOSTIGMINE, SALICYLATE (1:1)	-	-	-
00057-74-9	**CHLORDANE**		**12789-03-6**	
00057-97-6	7,12-DIMETHYLBENZ[A]ANTHRACENE	-	-	-
00058-08-2	PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3,7-TRIMETH	-	-	-
00058-36-6	**PHENARSINE OXIDE**	**As2**	**07440-38-2**	
00058-55-9	DIMETHYLXANTHINE, 1,3- C7H8N4O2	-	-	-
00058-56-0	PYRIDINEDIMETHANOL, 5-HYDROXY-6-METHYL-,	-	-	-
00058-89-9	**LINDANE, gamma-**			
00058-90-2	TETRACHLOROPHENOL	-	-	-
00059-05-2	AMETHOPTERIN	-	-	-
00059-50-7	P-CHLORO,M-CRESOL	-	-	-
00059-66-5	ACETAMIDE, N-(5-(AMINOSULFONYL)-1,3,4-THIAI	-	-	-
00059-87-0	HYDRAZINECARBOXAMIDE, 2((5-NITRO-2-FURAN	-	-	-
00059-88-1	PHENYLHYDRAZINE HYDROCHLORIDE (C6H8N2.	-	-	-
00059-89-2	**NITROSOMORPHOLINE, N**			
00059-92-7	TYROSINE, 3-HYDROXY-L- C9H11NO4	-	-	-
00060-00-4	ETHYLENE DIAMINE TETRAACETIC ACID	-	-	-
00060-09-3	BENZENAMINE,4-(PHENYLAZOL)-	-	-	-
00060-11-7	**DIMETHYLAMINOAZOBENZENE**			
00060-24-2	2-MERCAPTO-ETHANOL	-	-	-
00060-29-7	**ETHYL ETHER**			
00060-33-3	9,12-OCTADECADIENOIC ACID (Z,Z)- C18H32O2	-	-	-
00060-34-4	**MONOMETHYL HYDRAZINE**			
00060-35-5	**ACETAMIDE**			
00060-41-3	STRYCHNINE-10-ONE, SULFATE (2:1)	-	-	-

00060-51-5	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2	-	-	-
00060-57-1	**DIELDRIN**			
00060-93-5	QUININE MONOHYDROCHLORIDE, DIHYDRATE	-	-	-
00061-76-7	BENZENEMETHANOL, 3-HYDROXY-.ALPHA.-[(ME	-	-	-
00061-82-5	**AMITROLE**			
00062-38-4	**PHENYL MERCURIC ACETATE**			
00062-49-7	ETHANAMINIUM,2-HYDROXY-N,N,N-TRIMETHYL	-	-	-
00062-53-3	**ANILINE**			
00062-54-4	ACETIC ACID, CALCIUM SALT	-	-	-
00062-55-5	ETHANETHIOAMIDE	-	-	-
00062-56-6	THIOUREA	-	-	-
00062-73-7	**DICHLORVOS**			
00062-74-8	**SODIUM FLUOROACETATE**			
00062-75-9	**NITROSODIMETHYLAMINE**			
00062-76-0	SODIUM OXALATE	-	-	-
00063-25-2	**CARBARYL**			
00063-42-3	D-GLUCOSE,4-O-BETA-D-GALACTOPYRANOSYL-	-	-	-
00064-00-6	PHENOL, 3-(1-METHYLETHYL)-,METHYLCARBAM	-	-	-
00064-02-8	ETHYLENEDIAMINETETRAACETIC ACID, SODIUM	-	-	-
00064-17-5	**ETHANOL**			
00064-18-6	**FORMIC ACID**			
00064-19-7	**ACETIC ACID**			
00064-67-5	**DIETHYL SULFATE**		**00077-78-1**	
00064-69-7	ACETIC ACID, IODO- C2H3IO2	-	-	-
00064-86-8	ACETAMIDE, N-(5,6,7,9-TETRAHYDRO-1,2,3,10-TE	-	-	-
00065-30-5	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL), (S)-, S	-	-	-
00065-85-0	BENZOIC ACID C7H6O2	-	-	-
00065-86-1	4-PYRIMIDINECARBOXYLIC ACID, 1,2,3,6-TETRAH	-	-	-
00066-25-1	HEXANAL	-	-	-
00066-77-3	1-NAPHTHALENE CARBOXALDEHYDE	-	-	-
00066-81-9	2,6-PIPERIDINEDIONE, 4-(2-(3,5-DIMETHYL-2-OXY	-	-	-
00067-43-6	GLYCINE, N,N-BIS[2-[BIS(CARBOXYMETHYL)AMI	-	-	-
00067-45-8	2-OXAZOLIDINONE, 3-(((5-NITRO-2-FURANYL)ME	-	-	-
00067-52-7	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	-	-	-
00067-56-1	**METHANOL**			
00067-63-0	**ISOPROPYL ALCOHOL**			
00067-64-1	**ACETONE**			
00067-66-3	**CHLOROFORM**			
00067-68-5	DIMETHYL SULFOXIDE	-	-	-
00067-72-1	**HEXACHLOROETHANE**			
00068-04-2	1,2,3-PROPANETRICARBOXYLIC ACID,2-HYDROX	-	-	-
00068-11-1	**THIOGLYCOLIC ACID**			
00068-12-2	**DIMETHYLFORMAMIDE**			
00068-19-9	DIMETHYLBENZIMIDAZOLOYL CYANOCOBAMIDE	-	-	-
00068-34-8	BENZENESULFONAMIDE,4-METHYL-N-PHENYL-	-	-	-
00069-65-8	D-MANNITOL	-	-	-
00069-72-7	BENZOIC ACID, 2-HYDROXY	-	-	-

00070-25-7	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO-	-	-	-
00070-30-4	**HEXACHLOROPHENE**			
00070-34-8	BENZENE, 1-FLURO-2,4-DINITRO	-	-	-
00071-23-8	**PROPANOL**			
00071-36-3	**BUTYL ALCOHOL, N-**			
00071-41-0	**PENTANOL**		**00071-36-3**	
00071-43-2	**BENZENE**			
00071-48-7	**ACETIC ACID, COBALT**	**Co**	**07440-48-4**	
00071-55-6	**METHYL CHLOROFORM**			
00071-58-9	PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-M	-	-	-
00071-63-6	DIGITOXIN	-	-	-
00071-91-0	TETRAETHYL AMMONIUM BROMIDE	-	-	-
00072-20-8	**ENDRIN**			
00072-43-5	**METHOXYCHLOR**			
00072-48-0	ANTHRACENEDIONE, 1,2-DIHYDROXY	-	-	-
00072-54-8	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4	-	-	-
00072-55-9	**DDE**		**00050-29-3**	
00073-49-4	6-QUINAZOLINESULFONAMIDE,7-CHLORO-2ETH`	-	-	-
00074-79-3	L-ARGININE	-	-	-
00074-82-8	**METHANE**			
00074-83-9	**METHYL BROMIDE**			
00074-84-0	**ETHANE**			
00074-85-1	**ETHYLENE**			
00074-86-2	ACETYLENE	-	-	-
00074-87-3	**CHLOROMETHANE**			
00074-88-4	**METHYL IODIDE**			
00074-89-5	**METHYLAMINE**			
00074-90-8	**HYDROGEN CYANIDE**			
00074-93-1	**METHYL MERCAPTAN**			
00074-94-2	BORON, TRIHYDRO(N-METHYLMETHANAMINE)-,	-	-	-
00074-95-3	METHANE, DIBROMO	-	-	-
00074-96-4	**ETHYL BROMIDE**			
00074-97-5	**CHLOROBROMOMETHANE**			
00074-98-6	**PROPANE**			
00074-99-7	**METHYL ACETYLENE**			
00075-00-3	**ETHYL CHLORIDE**			
00075-01-4	**VINYL CHLORIDE**			
00075-02-5	**VINYL FLUORIDE**		**00075-01-4**	
00075-04-7	**ETHYL AMINE**			
00075-05-8	**ACETONITRILE**			
00075-07-0	**ACETALDEHYDE**			
00075-08-1	**ETHYL MERCAPTAN**			
00075-09-2	**DICHLOROMETHANE**			
00075-10-5	DIFLUOROMETHANE	-	-	-
00075-12-7	**FORMAMIDE**			
00075-15-0	**CARBON DISULFIDE**			
00075-18-3	**DIMETHYL SULFIDE**			

00075-19-4	CYCLOPROPANE	-		-	-
00075-20-7	CALCIUM CARBIDE	-		-	-
00075-21-8	**ETHYLENE OXIDE**				
00075-23-0	ETHYLAMINE,COMPD WITH BORON FLUORIDE (I	-		-	-
00075-24-1	TRIMETHYL ALUMINUM	-		-	-
00075-25-2	**BROMOFORM**				
00075-27-4	**BROMODICHLOROMETHANE**				
00075-28-5	**ISOBUTANE**				
00075-29-6	PROPANE,2-CHLORO	-		-	-
00075-31-0	**ISOPROPYLAMINE**				
00075-33-2	2-PROPANETHIOL	-		-	-
00075-34-3	**DICHLOROETHANE, 1, 1**				
00075-35-4	**VINYLIDENE CHLORIDE**				
00075-36-5	**ACETYL CHLORIDE**			**07647-01-0**	
00075-37-6	**DIFLUOROETHANE**				
00075-38-7	**VINYLIDENE FLOURIDE**				
00075-43-4	**DICHLOROFLUOROMETHANE**				
00075-44-5	**PHOSGENE**				
00075-45-6	**CHLORODIFLUOROMETHANE**				
00075-46-7	TRIFLUOROMETHANE	-		-	-
00075-47-8	**IODOFORM**				
00075-50-3	**TRIMETHYLAMINE**				
00075-52-5	**NITROMETHANE**				
00075-54-7	SILANE, DICHLOROMETHYL	-		-	-
00075-55-8	**PROPYLENE IMINE**				
00075-56-9	**PROPYLENE OXIDE, 1, 2**				
00075-58-1	METHANAMINIUM TRIMETHYL IODINE	-		-	-
00075-59-2	METHANAMINIUM N,N,N-TRIMETHYL-HYDROXIDE	-		-	-
00075-61-6	**DIFLUORDIBROMOMETHANE**				
00075-62-7	METHANE, BROMOTRICHLORO	-		-	-
00075-63-8	**TRIFLUOROBROMOMETHANE**				
00075-64-9	2-PROPANEMINE,2-METHYL	-		-	-
00075-65-0	**BUTYL ALCOHOL, TERT**				
00075-66-1	2-PROPANETHIOL, 2 METHYL	-		-	-
00075-68-3	**CHLORO DIFLUOROETHANE**				
00075-69-4	**TRICHLOROFLUOROMETHANE**			**00071-55-6**	
00075-71-8	**DICHLORODIFLUOROMETHANE**				
00075-72-9	**FREON 13**			**00071-55-6**	
00075-73-0	TETRAFLUORO METHANE	-		-	-
00075-74-1	**TETRAMETHYL LEAD**		**Pb**	**07439-92-1**	
00075-75-2	**METHANESULFONIC ACID**			**07664-93-9**	
00075-76-3	TETRAMETHYLSILANE	-		-	-
00075-77-4	TRIMETHYLCHLOROSILANE	-		-	-
00075-78-5	**DIMETHYLDICHLOROSILANE**			**07647-01-0**	
00075-79-6	METHYLTRICHLOROSILANE	-		-	-
00075-83-2	**DIMETHYLBUTANE, 2, 2**				
00075-85-4	T-AMYL ALCOHOL	-		-	-

00075-86-5	**ACETONE CYANOHYDRIN**			
00075-87-6	CHLORAL	-	-	-
00075-91-2	TERT-BUTYL HYDROPEROXIDE C8H18O2	-	-	-
00075-92-3	FORMALDEHYDE BISULFITE	-	-	-
00075-94-5	SILANE, TRICHLOROETHENYL	-	-	-
00075-99-0	**DICHLOROPROPIONIC ACID**			
00076-01-7	ETHANE, PENTACHLORO-	-	-	-
00076-02-8	TRICHLOROACETYL CHLORIDE (CCL3COCL)	-	-	-
00076-03-9	**TRICHLOROACETIC ACID**			
00076-05-1	ACETIC ACID, TRIFLUORO-	-	-	-
00076-06-2	**CHLOROPICRIN**			
00076-11-9	**TETRACHLORO 2, 2 DIFLUORETHANE**			
00076-12-0	**TETROCHLORO 1, 2 DIFLUOROETH**			
00076-13-1	**TRICH112 (FREON 113)**			
00076-14-2	**DICHLOROTETRAFLUORETHANE**			
00076-15-3	**CHLOROPENTAFLUOROETHANE**			
00076-16-4	ETHANE, HEXAFLUORO- FREON 116	-	-	-
00076-19-7	PROPANE, -OCTAFLUORO-	-	-	-
00076-22-2	**CAMPHOR**			
00076-38-0	ETHANE, 2,2-DICHLORO-1,1-DIFLUORO-1-METHC	-	-	-
00076-44-8	**HEPTACHLOR**			
00076-59-5	PHENOL, 4,4'-(1,1-DIOXIDO-3H-2,1-BENZOXATHIC	-	-	-
00077-09-8	PHENOLPHTHALEIN	-	-	-
00077-26-9	2,4,6-PYRIMIDINETRIONE, 5-(2-METHYLPROPYL)-	-	-	-
00077-47-4	**HEXACHLOROCYCLOPENTADIENE**			
00077-58-7	DIBUTYLTIN DIDODECANOATE C32H64O4SN	-	-	-
00077-68-9	PROPANOIC ACID, 2-METHYL-, 3-HYDROXY-224T	-	-	-
00077-73-6	**DICYCLOPENTADIENE**			
00077-78-1	**DIMETHYL SULFATE**			
00077-81-6	PHOSPHORAMIDOCYANIC ACID, DIMETHYL-,ETH	-	-	-
00077-86-1	1,3-PROPANEDIOL,2-AMINO-2-(HYDROXYMETHY	-	-	-
00077-92-9	1,2,3-PROPANETRICARBOXYLIC ACID,2-HYDROX	-	-	-
00077-93-0	PROPANETRICARBOXYLIC ACID, 2-HYDROXY-1,2	-	-	-
00077-94-1	TRIBUTYL CITRATE	-	-	-
00077-98-5	ETHANAMINIUM TRIETHYL HYDROXIDE	-	-	-
00077-99-6	ETHRIOL	-	-	-
00078-00-2	**TETRAETHYL LEAD**		**Pb**	**07439-92-1**
00078-08-0	SILANE,ETHENYLTRIETHOXY-	-	-	-
00078-10-4	**ETHYL SILICATE**			
00078-15-9	VALERIC ACID,TRIESTER WITH 2-ETHYL-2-(HYDI	-	-	-
00078-22-8	MONORICINOLEATE PENAERYHRITOL	-	-	-
00078-24-0	TRIPENTAERYTHRITOL	-	-	-
00078-26-2	METHYLPROPYLPROPANE DIOL	-	-	-
00078-27-3	CYCLOHEXANOL, 1-ETHYNYL-	-	-	-
00078-30-8	**TRIORTHOCRESYL PHOSPHATE**			
00078-34-2	**DIOXATHION**			
00078-40-0	PHOSPHORIC ACID, TRIETHYL ESTER	-	-	-

00078-42-2	PHOSPHORIC ACID,TRIS(2-ETHYLHEXYL) ESTER	-	-	-
00078-43-3	1-PROPANOL2,3 DICHLORO, PHOSPHATE	-	-	-
00078-51-3	ETHANOL, 2-BUTOXY PHOSPHATE	-	-	-
00078-53-5	PHOSPHOROTHIOTIC ACID, S-(2-(DIMETHYLAMI	-	-	-
00078-59-1	**ISOPHORONE**			
00078-62-6	SILANE, DIETHOXYDIMETHYL-	-	-	-
00078-63-7	DIMETHYL,2,5- 2,5 BIS (T-BUTYLPEROXY) HEXAN	-	-	-
00078-67-1	PROPANENITRILE,2,2'-AZOBIS[2METHYL]	-	-	-
00078-70-6	1,6, -OCTADIEN-3-OL, 3,7 DIMETHYL	-	-	-
00078-71-7	OXACYCLOBUTANE ,3,3-BIS(CHLOROMETHYL)-1	-	-	-
00078-78-4	**ISO-PENTANE**			
00078-79-5	1,3-BUTADIENE, 2-METHYL-	-	-	-
00078-82-0	ISOPROPYL CYANIDE (C4H7N)	-	-	-
00078-83-1	**ISOBUTYL ALCOHOL**			
00078-84-2	**ISOBUTYRALDEHYDE**		**04170-30-3**	
00078-87-5	**PROPYLENE DICHLORIDE**			
00078-88-6	DICHLOROPROPENE- 2,3	-	-	-
00078-89-7	**CHLORO-1-PROPANOL, 2**			
00078-92-2	**BUTANOL, SEC**			
00078-93-3	**METHYL ETHYL KETONE**			
00078-94-4	**METHYL VINYL KETONE**			
00078-95-5	**CHLOROACETONE**			
00078-96-6	2-PROPANOL, 1-AMINO-	-	-	-
00078-97-7	2-HYDROXYPROPANENITRILE (C3H5NO)	-	-	-
00079-00-5	**TRICHLOROETHANE, 1, 1, 2**			
00079-01-6	**TRICHLOROETHYLENE**			
00079-03-8	PROPANOYL CHLORIDE	-	-	-
00079-04-9	**CHLOROACETYLCHLORIDE**			
00079-06-1	**ACRYLAMIDE**			
00079-09-4	**PROPANOIC ACID**			
00079-10-7	**ACRYLIC ACID**			
00079-11-8	**CHLOROACETIC ACID**			
00079-14-1	ACETIC ACID, HYDROXY- C2H4O3	-	-	-
00079-19-6	1-AMINO-2-THIOUREA	-	-	-
00079-20-9	**METHYL ACETATE**			
00079-21-0	**PERACETIC ACID**		**07722-84-1**	
00079-22-1	METHYL CHLOROCARBONATE (C2H3CLO2)	-	-	-
00079-24-3	**NITROETHANE**			
00079-27-6	**ACETYLENE TETRABROMANE**			
00079-29-8	**DIMETHYLBUTANE, 2, 3**			
00079-31-2	2-METHYLPROPANOIC ACID	-	-	-
00079-33-4	PROPANOIC ACID, 2-HYDROXY-	-	-	-
00079-34-5	**TETRACHLOROETHANE, 1, 1, 2, 2**			
00079-38-9	1-CHLORO-2,2,2-TRIFLUOROETHYLENE	-	-	-
00079-41-4	**METHACRYLIC ACID**			
00079-43-6	**DICHLOROACETIC ACID**			
00079-44-7	**DIMETHYLCARBAMYL CHLORIDE**			

00079-46-9	**NITROPROPANE, 2**			
00079-94-7	PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIB	-	-	-
00080-05-7	PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-	-	-	-
00080-08-0	BENZENAMINE, 4,4'-SULFONYLBIS-	-	-	-
00080-10-4	DIPHENYLDICHLOROSILANE	-	-	-
00080-15-9	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL (	-	-	-
00080-40-0	BENZENESULFONIC ACID,4-METHYL-,ETHYL ES	-	-	-
00080-43-3	PEROXIDE , BISIIMETHYL-1-PHENYLETHYL	-	-	-
00080-46-6	PHENOL, 4-(1,1-DIMETHYLPROPYL)-	-	-	-
00080-48-8	METHYL-P-TOLUENE SULFONATE C8H10O3S	-	-	-
00080-51-3	**BENZENESULFONYL HYDRAZIDE**			
00080-56-8	**CYCLIC DEXADIENE**			
00080-62-6	**METHYL METHACRYLATE**			
00080-63-7	METHLY 2-CHLOROACRYLATE	-	-	-
00080-70-6	GUANIDINE, N,N,N',N'-TETRAMETHYL C5H13N3	-	-	-
00081-07-2	1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE	-	-	-
00081-16-3	1-NAPHTHALENESULFONIC ACID, 2-AMINO	-	-	-
00081-49-2	ANTHRACENEDIONE, 1-AMINO-2,4-DIBROMO	-	-	-
00081-77-6	CROMOPHTAL BLUE A3R	-	-	-
00081-81-2	**WARFARIN**			
00081-88-9	XANTHYLIUM, 9-(2-CARBOXYPHENYL)-3,6-BIS(DI	-	-	-
00082-66-6	1,3-INDANDIONE, 2-DIPHENYLACETYL-	-	-	-
00082-68-8	**PENTACHLORONITROBENZENE**			
00083-07-8	3H-PYRAZOL-3-ONE, 4-AMINO-1,2-DIHYDRO-1,5-[	-	-	-
00083-26-1	**PINDONE**			
00083-32-9	**ACENAPHTHENE**			
00083-34-1	METHYLINDOLE,3-	-	-	-
00083-79-4	**ROTENONE**			
00083-88-5	RIBOFLAVIN C17H20N4O6	-	-	-
00084-54-8	2-METHYL-ANTHRAQUINONE	-	-	-
00084-64-0	1,2, BENZENE DICARBOXLIC ACID, BUTYL CYCL(	-	-	-
00084-65-1	ANTHRAQUINONE	-	-	-
00084-66-2	**DIETHYL PHTHALATE**			
00084-69-5	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHY	-	-	-
00084-74-2	**DIBUTYL PHTHALATE**			
00084-80-0	VITAMIN K1 (C31H46O2)	-	-	-
00084-83-3	ACETALDEHYDE, (1,3-DIHYDRO-133TRIMETHYL-2	-	-	-
00085-00-7	**DIQUAT DIBROMIDE**		**DIQUAT*RES**	
00085-01-8	**PHENANTHRENE**		**13049829-2**	
00085-34-7	TRICHLOROPHENYL ACETIC ACID, 2,3,6	-	-	-
00085-41-6	1H-ISOINDOLE-1,3(2H)-DIONE	-	-	-
00085-42-7	**HEXAHYDROPHTHALIC ANHYDIDE**			
00085-43-8	TETRAHYDROPHTHALIC ANHYDRIDE	-	-	-
00085-44-9	**PHTHALIC ANHYDRIDE**			
00085-60-9	4,4'-BUTYLIDENE BIS[6-TERT-BUTYL-3-METHYLP	-	-	-
00085-68-7	**BUTYL BENZYL PHTHALATE**		**00117-81-7**	
00085-70-1	**BUTYL PHTHALATE GLYCOL**		**00084-66-2**	

00085-98-3	UREA,DIETHYL, DIPHENYL	-	-	-
00086-22-6	2-PYRIDINEPROPANAMINE, .GAMMA.-(4-BROMOI	-	-	-
00086-30-6	BEZENAMIDE, N-NITSOSO-N-PHENYL	-	-	-
00086-50-0	**AZINPHOS-METHYL**			
00086-73-7	FLUORENE	-	-	-
00086-74-8	CARBAZOLE	-	-	-
00086-87-3	NAPTHALENEACETIC ACID , 1- C12 H10 O2	-	-	-
00086-88-4	**ANTU**			
00087-13-8	PROPANEDIOIC ACID,(ETHOXYMETHYLENE)-,DII	-	-	-
00087-61-6	1,2,3-TRICHLOROBENZENE	-	-	-
00087-68-3	**HEXACHLOROBUTADIENE**			
00087-69-4	BUTANEDIOIC ACID,2,3-DIHYDROXY-CR-(R*,R*))	-	-	-
00087-86-5	**PENTACHLOROPHENOL**			
00087-90-1	TRICHLORO-S-TRIAZINETRIONE C3CL3N3O3	-	-	-
00088-04-0	2-CHLORO-5-HYDROXY-1,3-DIMETHYLBENZENE	-	-	-
00088-05-1	ANILINE,2,4,6-TRIMETHYL-(C9H13N)	-	-	-
00088-06-2	**TRICHLOROPHENOL, 2, 4, 6**			
00088-12-0	**VINYL PYRROLIDINONE**			
00088-44-8	BENZENESULFONIC ACID, 2-AMINO-5-METHYL (	-	-	-
00088-51-7	6-AMINO-4.CHLORO-M-TOLUENE SULFONIC ACII	-	-	-
00088-53-9	BENSENESULFONIC ACID, 2-AMINO-5-CHLORO-4	-	-	-
00088-56-2	BENZENESULFONIC ACID, 2-AMINO-5CHLORO-4I	-	-	-
00088-58-4	1,4-BENZENEDIOL, 2,5-BIS(1,1-DIMETHYLETHYL)	-	-	-
00088-65-3	2-BROMOBENZOIC ACID	-	-	-
00088-66-4	BENZENE, 1-CHLORO-2(DICHLOROMETHYL)-	-	-	-
00088-72-2	**NITROTOLUENE, ortho**			
00088-74-4	2-NITROANILINE	-	-	-
00088-85-7	PHENOL,2-(1-METHYLPROPYL)-4,6-DINITRO-(C10	-	-	-
00088-89-1	**PICRIC ACID**			
00088-95-9	BENZENEDICARBONYL DICHLORIDE, 1,2-	-	-	-
00088-99-3	PHTHALIC ACID	-	-	-
00089-00-9	2,3-PYRIDINEDICARBOXYLIC ACID	-	-	-
00089-25-8	PYRAZOLONE,1 PHENYL-3-METHYL	-	-	-
00089-63-4	BENZENAMINE,4-CHLORO-2-NITRO-C6H5O1N2O2	-	-	-
00089-65-6	D-ERYTHRO-HEX-2-ENOIC ACID, G/LACTONE	-	-	-
00089-72-5	**BUTYLPHENOL SEC, ortho**			
00089-78-1	CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL	-	-	-
00089-83-8	PHENOL, 5-METHYL-2-(1-METHYLETHYL)-	-	-	-
00089-98-5	CHLOROBENZALDEHYDE, O-	-	-	-
00090-01-7	SALICYL ALCOHOL	-	-	-
00090-02-8	2-HYDROXYBENZALDEHYDE	-	-	-
00090-04-0	**ANISIDINE, ortho**			
00090-05-1	PHENOL, 2-METHOXY-	-	-	-
00090-12-0	**METHYLNAPHTHALENE, 1**			
00090-13-1	NAPHTHALENE,1-CHOLRO-	-	-	-
00090-43-7	[1,1'-BIPHENYL]-2-OL	-	-	-
00090-72-2	PHENOL,2,4,6-TRIS((DIMETHYLAMINO)METHYL)-	-	-	-

00090-80-2	D-GLUCONIC ACID,.DELTA.-LACTONE	-	-	-
00090-93-7	METHANE, BIS [4-(DIETHYLAMINO)PHENYL]	-	-	-
00090-94-8	METHANONE,BIS[4-(DIMETHYLAMINO)PHENYL]-	-	-	-
00091-04-3	1,3, BENZENEDIMETHANOL, 2 HYDROXY - 5 MET	-	-	-
00091-08-7	**TOLUENE 2,6-DIISOCYANATE**		**26471-62-5**	
00091-15-6	**PHTHALODINITRILE, ortho**			
00091-17-8	DECAHYDRONAPHTHALENE C10H18	-	-	-
00091-20-3	**NAPHTHALENE**			
00091-22-5	**QUINOLINE**			
00091-40-7	N-PHENYLANTHRANILIC ACID	-	-	-
00091-44-1	COUMARIN, 7-(DIETHYLAMINO)-4-METHYL-	-	-	-
00091-49-6	ACETAMIDE,N-BUTYL-N-PHENYL	-	-	-
00091-57-6	**METHYLNAPHTHALENE, 2**			
00091-59-8	**NAPHTHYLAMINE, 2**			
00091-64-5	2H-1-BENZOPYRAN-2-ONE	-	-	-
00091-66-7	**DIETHYL ANILINE, N, N-**		**00100-61-8**	
00091-68-9	PHENOL, 3-(DIMETHYLAMINO)-	-	-	-
00091-94-1	**DICHLOROBENZIDINE, 3, 3'**			
00091-96-3	BUTANAMIDE,(DIMETHYLBIPHENYL-DIYL)BIS(3-C	-	-	-
00092-15-9	BUTANAMIDE,N-(2-METHOXYPHENYL)-3-OXO	-	-	-
00092-40-0	2-NAPHTHOL-7-SULFONIC ACID C10H8O4S	-	-	-
00092-43-3	PYRAZOLIDINONE, 1-PHENYL-, 3- C9H10N2O	-	-	-
00092-51-3	1,1'-BICYCLOHEXYL	-	-	-
00092-52-4	**BIPHENYL**			
00092-55-7	METHANEDIOL, (5-NITRO-2-FURANYL)-, DIACETA	-	-	-
00092-59-1	BENZENE METH N-ETHYL-N-PHENYL	-	-	-
00092-67-1	**AMINODIPHENYL, para**			
00092-69-3	BIPHENYL OL C12H10O	-	-	-
00092-70-6	2-NAPHTHALENECARBOXYLIC ACID, 3-HYDROX\	-	-	-
00092-72-8	NAPHTHALENECARBOXAMIDE, N-(5-CHLORO-2,4	-	-	-
00092-74-0	NAPTHALENECARBOXAMIDE,2-, N-9 (2-ETHOXYF	-	-	-
00092-77-3	NAPTHL ALENECARBOXAMIDE,2-, 3-HYDROXY-N	-	-	-
00092-84-2	**PHENOTHIAZINE**			
00092-86-4	P,P'-DIBROMOBIPHENYL	-	-	-
00092-87-5	**BENZIDINE**			
00092-88-6	BIPHENOL, DIOL C12H10O2	-	-	-
00092-93-3	**NITRODIPHENYL, 4**			
00092-94-4	1,1':4,1''-TERPHENYL	-	-	-
00092-95-5	1,1'-BIPHENYL, 4-ISOCYANATO-	-	-	-
00093-05-0	DIETHYL-P-PHENYLENEDIAMINE(C10H16N2)	-	-	-
00093-10-7	2-QUINOLINECARBOXYLIC ACID	-	-	-
00093-14-1	PROPANEDIOL, 3-(2-METHOXYPHENOXY)-1,2- C	-	-	-
00093-43-6	LACTOL	-	-	-
00093-46-9	N,N'-DI-2-NAPHTHYL-P-PHENYLENEDIAMINE	-	-	-
00093-58-3	BENZOIC ACID, METHYL ESTER C8H8O2	-	-	-
00093-65-2	2(4CHLORO2METHYLPHENOXY)PROPIONIC ACI	-	-	-
00093-68-5	BUTANAMIDE,N-(2-METHYLPHENYL)-3-OXO	-	-	-

00093-69-6	IMIDODICARBONIMIDIC DIAMIDE, N-(2-METHYLPI	-	-	-
00093-70-9	BUTANAMIDE, N-(2-CHLOROPHENYL)-3-OXO	-	-	-
00093-76-5	ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)- C8H	-	-	-
00093-83-4	9-OCTADECENAMIDE,N,N-BIS(2-HYDROXGETHYI	-	-	-
00093-89-0	BENZOIC ACID, ETHYL ESTER C9H10O2	-	-	-
00093-90-3	ETHANOL, 2-(METHYLPHENYLAMINO)-	-	-	-
00093-97-0	BENZOIC ACID, ANHYDRIDE	-	-	-
00094-02-0	BENZENE PROPANOIC ACID,.BETA.-OXO-,ETHYL	-	-	-
00094-13-3	BENZOIC ACID, 4-HYDROXY-, PROPYL ESTER	-	-	-
00094-21-3	PROPANENITRILE,3- (4-FORMYLPHENYL)METHY	-	-	-
00094-31-5	BENZALDEHYDE,4- (2-CHLOROETHYL)METHYLAI	-	-	-
00094-36-0	**BENZOYL PEROXIDE**			
00094-47-3	BENZOIC ACID, 2-PHENYLETHYL ESTER	-	-	-
00094-68-8	BENZENAMINE, N-ETHYL-2-METHYL-	-	-	-
00094-75-7	**DICHLORPHENOXY, 2, 4**			
00094-96-2	1,3-HEXANEDIOL, 2-ETHYL-	-	-	-
00095-13-6	**INDENE**			
00095-14-7	1H-BENZOTRIAZOLE C6H5N3	-	-	-
00095-19-2	IMIDIZOLE,1H- -1-ETHANOL, 2-HEPTADECYL-4,5-I	-	-	-
00095-20-5	1H-INDOLE, 2-METHYL- C9H9N	-	-	-
00095-29-4	N,N DIISOPROPYL-2-BENZOTHIAZOLESULFENAM	-	-	-
00095-31-8	2-BENZOTHIAZOLESULFENAMIDE, N-(1,1-DIMETH	-	-	-
00095-32-9	BENZOTHIAZOLE, 2-(4-MORPHOLINYLDITHIO)- C	-	-	-
00095-33-0	2-BENZOTHIAZOLESULFENAMIDE, N-CYCLOHEX	-	-	-
00095-38-5	1-HYDROXYETHYL,2-OLEYLIMIDAZOLINE C22	-	-	-
00095-47-6	**XYLENE, ortho**			
00095-48-7	**CRESOL, ortho**			
00095-49-8	**CHLOROTOLUENE, ortho**			
00095-50-1	**DICHLOROBENZENE, ortho**			
00095-52-3	BENZENE, 1-FLUORO-2-METHYL-	-	-	-
00095-53-4	**TOLUIDINE, ortho**			
00095-54-5	**PHENYLENEDIAMINE, ortho**			
00095-55-6	PHENOL,2-AMINO	-	-	-
00095-57-8	CHLOROPHENOL,ORTHO	-	-	-
00095-63-6	**TRIMETHYL BENZENE, 1, 2, 4**			
00095-68-1	BENZENAMINE, 2,4-DIMETHYL- (9CI)	-	-	-
00095-70-5	2,5-DIAMINO TOLUENE	-	-	-
00095-73-8	2,4 DICHLOROTOLUENE	-	-	-
00095-80-7	**TOLUENE 2,4-DIAMINE**			
00095-82-9	**DICHLOROANILINE, 2, 5**		**00062-53-3**	
00095-87-4	2,5 XYLENOL	-	-	-
00095-92-1	ETHANEDIOIC ACID, DIETHYL ESTER	-	-	-
00095-94-3	BENZENE,1,2,4,5-TETRACHLORO-	-	-	-
00095-95-4	TRICHLOROPHENOL, 2,4,5	-	-	-
00096-09-3	**STYRENE OXIDE**			
00096-12-8	**DIBROMOCHLOROPROPANE**			
00096-14-0	**METHYLPENTANE, 3**			

00096-17-3	METHYLBUTANONE	-	-	-
00096-18-4	**TRICHLORPROPANE, 1, 2, 3**			
00096-20-8	2-AMINO-1-BUTANOL	-	-	-
00096-22-0	**DIETHYL KETONE**			
00096-23-1	**DICHLOROPROPANOL, 1, 3**		**00106-89-8**	
00096-24-2	CHLORO,3- -1, 2-PROPANEDIOL	-	-	-
00096-27-5	1,2-PROPANEDIOL, 3-MERCAPTO- C3H8O2S	-	-	-
00096-29-7	2-BUTANONE, OXIME	-	-	-
00096-33-3	**METHYL ACRYLATE**			
00096-37-7	**METHYLCYCLOPENTANE**		**00110-54-3**	
00096-45-7	**ETHYLENE THIOUREA**			
00096-48-0	**BUTYROLACTONE, gamma-**		**00057-57-8**	
00096-49-1	1,3-DIOXOLAN-2-ONE	-	-	-
00096-54-8	METHYLPYRROLE	-	-	-
00096-69-5	**THIOBIS(TERTBUTYL) CRESOL**			
00096-96-8	BENZENAMINE,4-METHOXY-Z-NITRO C7H8N2O3	-	-	-
00097-02-9	BENZENAMINE, 2,4-DINITRO- C6H5N3O4	-	-	-
00097-05-2	BENZOIC ACID, 2-HYDROXY-5-SULFO- C7H6O6S	-	-	-
00097-18-7	PHENOL,2,2'-THIOBIS(4,6-DICHLORO- (C12H6CL4	-	-	-
00097-35-8	BENZENESULFONAMIDE, 3-AMINO-N,N-DIETHYL	-	-	-
00097-36-9	ACETOACET-M-XYLIDIDE	-	-	-
00097-52-9	BENZENAMINE,2-METHOXY-4-NITRO	-	-	-
00097-53-0	PHENOL, 2-METHOXY-4-(2-PROPENYL)-	-	-	-
00097-63-2	ETHYL METHACRYLATE	-	-	-
00097-64-3	PROPANOIC ACID,2-METHYL-,1,2-ETHANEDIYL E	-	-	-
00097-77-8	**DISULFIRAM**			
00097-84-7	1,3-BUTANEDIAMINE, N,N,N',N'-TETRAMETHYL-	-	-	-
00097-85-8	PROPANOIC ACID, 2-METHYL-, 2-METHYLPROPY	-	-	-
00097-86-9	2-PROPENOIC ACID,2-METHLY-,2-METHYLPROP	-	-	-
00097-88-1	2-PROPENOIC ACID,2-METHYL-,1-BUTYL ESTER	-	-	-
00097-90-5	2-PROPENOIC ACID,2-METHYL-, 1,2-ETHANEDIYL	-	-	-
00097-93-8	**ALUMINUM, TRIETHYL**			
00097-99-4	TETRAHYDROFURFURYL ALCOHOL	-	-	-
00098-00-0	**FURFURYL ALCOHOL**			
00098-01-1	**FURFURAL**			
00098-05-5	**BENZENEARSONIC ACID**	**As**	**07440-38-2**	
00098-06-6	BENZENE, (1,1-DIMETHYLETHYL)-	-	-	-
00098-07-7	**BENZOTRICHLORIDE**			
00098-08-8	TRIFLUOROMETHYL BENZENE	-	-	-
00098-09-9	BENZENESULFONIC (ACID) CHLORIDE (C6H5CLO	-	-	-
00098-11-3	BENZENESULFONIC ACID	-	-	-
00098-13-5	PHENYLTRICHLOROSILANE	-	-	-
00098-16-8	BENZENAMINE, 3-TRIFLUOROMETHYL	-	-	-
00098-29-3	1,2-BENZENEDIOL, 4-(1,1-DIMETHYLETHYL)-	-	-	-
00098-47-5	BENZENESULFONIC ACID, 3-NITRO-	-	-	-
00098-51-1	**BUTYLTOLUENE TERT, para**			
00098-54-4	PARATERTBUTYLPHENOL	-	-	-

00098-55-5	**TERPINEOL, alpha-**		**08006-64-2**	
00098-56-6	PARACHLOROBENZOTRIFLUORIDE	-	-	-
00098-67-9	P-PHENOLSULFONIC ACID	-	-	-
00098-82-8	**CUMENE**			
00098-83-9	**METHYL STYRENE**			
00098-86-2	**ACETOPHENONE**			
00098-87-3	BENZENE, (DICHLOROMETHYL)-(C7H6CL2)	-	-	-
00098-88-4	**BENZOYL CHLORIDE**			
00098-92-0	3-PYRIDINECARBOXAMIDE C6H6N20	-	-	-
00098-95-3	**NITROBENZENE**			
00099-07-0	PHENOL, (3-DIMETHYLAMINO)-	-	-	-
00099-08-1	**NITROTOLUENE, meta**			
00099-09-2	1-AMINO-3-NITROBENZENE	-	-	-
00099-11-6	CITRAZINIC ACID	-	-	-
00099-52-5	BENZENAMINE, 2-METHYL-4-NITRO	-	-	-
00099-55-8	**NITRO-O-TOLUIDINE,**			
00099-56-9	NITRO-O-PHENYLENEDIAMINE	-	-	-
00099-59-2	SCARLET R, FAST	-	-	-
00099-62-7	M-DIISOPROPYLBENZENE	-	-	-
00099-65-0	**DINITROBENZENE, meta**			
00099-71-8	P-SEC BUTYLPHENOL	-	-	-
00099-76-3	BENZOIC ACID,4-HYDROXY-,METHYL ESTER	-	-	-
00099-83-2	1,3-CYCLOHEXADIENE, 2-METHYL-5-(1-METHYLE	-	-	-
00099-87-6	BENZENE, 1-METHYL-4-(1-METHYLETHYL)-	-	-	-
00099-97-8	BENZENAMINE,N,N,4-TRIMETHYL- C9H13N	-	-	-
00099-98-9	DIMETHYL-P-PHENYLENEDIAMINE (C8H12N2)	-	-	-
00099-99-0	**NITROTOLUENE, para**			
00100-00-5	**CHLORONITROBENZENE, para**			
00100-01-6	**NITROANILINE, para**			
00100-02-7	PARA-NITROPHENOL	-	-	-
00100-14-1	BENZENE, 1-(CHLOROMETHYL)-4-NITRO- (C7H6C	-	-	-
00100-20-9	1,4,-BENZENEDICARBONYL DICHLORIDE	-	-	-
00100-21-0	**TEREPHTHALIC ACID**			
00100-25-4	**DINITROBENZENE**			
00100-37-8	**DIETHYLAMINOETHANOL**			
00100-39-0	BENZYL BROMIDE	-	-	-
00100-40-3	**VINYL CYCLOHEXENE**			
00100-41-4	**ETHYL BENZENE**			
00100-42-5	**STYRENE**			
00100-43-6	VINYL PYRIDINE, 4-	-	-	-
00100-44-7	**BENZYL CHLORIDE**			
00100-46-9	BENZYLAMINE	-	-	-
00100-47-0	BENZONITRILE	-	-	-
00100-48-1	4-PYRIDINECARBONITRILE	-	-	-
00100-51-6	**BENZYL ALCOHOL**			
00100-52-7	BENZALDEHYDE	-	-	-
00100-54-9	3-PYRIDINECARBONITRILE	-	-	-

00100-61-8	**METHYL ANILINE**		**00062-53-3**	
00100-63-0	**PHENYLHYDRAZINE**			
00100-66-3	ANISOLE	-	-	-
00100-68-5	BENZENE, (METHYLTHIO)	-	-	-
00100-70-9	2-PYRIDINECARBONITRILE	-	-	-
00100-74-3	**ETHYLMORPHOLINE, N-**			
00100-75-4	PIPERIDINE, 1-NITROSO	-	-	-
00100-97-0	1,3,5,7-ETRAAZATRICYCLO(3.3.1.13,7)DECANE ('	-	-	-
00101-02-0	PHOSPHORUS ACID,TRIPHENYL ESTER	-	-	-
00101-14-4	**METH BIS-O-CHLORANILINE**			
00101-25-7	TETRAAZABICYCLO, 1,3,5-7- (3,3,1) NONANE,3,7-	-	-	-
00101-37-1	1,3,5-TRIAZINE, 2,4,6-TRIS(2-PROPENYLOXY)-	-	-	-
00101-43-9	2-METHYL-2-PROPENOIC ACID, CYCLOHEXYL ES	-	-	-
00101-55-3	4-BROMOPHENYL PHENYL ETHER	-	-	-
00101-65-5	CARBAMIC ACID,(METHYLENEDI-4,1-PHENYLENE	-	-	-
00101-68-8	**METHYLENE DIPHEN DIIOSCYANATE**			
00101-77-9	**METHYLENE DIANILINE, 4, 4'**			
00101-80-4	4,4' - DIAMINODIPHENYL ETHER	-	-	-
00101-83-7	DICYCLOHEXYLAMINE	-	-	-
00101-84-8	**PHENYL ETHER**			
00101-90-6	OXIRANE,2,2'-[1,3-PHENYLENEBIS(OXYMETHYLE	-	-	-
00102-01-2	BUTANAMIDE,3-OXO-N-PHENYL	-	-	-
00102-06-7	GUANIDINE, N,N'DIPHENYL	-	-	-
00102-09-0	CARBONIC ACID, DIPHENYL ESTER	-	-	-
00102-24-9	BOROXIN,TRIMETHOXY-	-	-	-
00102-36-3	3,4-DICHLOROPHENYL ISOCYANATE (C7H3CL2N	-	-	-
00102-54-5	**DICYCPENTDIENYL IRON**			
00102-60-3	2-PROPANOL,1',1'',1'''(-1,2-ETHANEDIYLDINITRILC	-	-	-
00102-71-6	**TRIETHANOLAMINE**			
00102-76-1	PROPANETRIOL, TRIACETATE, 1,2,3-	-	-	-
00102-79-4	ETHANOL, 2,2' (BUTYLIMINO)BIS	-	-	-
00102-81-8	**DIBUTYLAMINOETOL, 2-N**			
00102-82-9	1-BUTANAMINE, N,N-DIBUTYL	-	-	-
00102-85-2	PHOSPHOROUS ACID, TRIBUTYL ESTER	-	-	-
00102-86-3	TRIHEXYLAMINE	-	-	-
00103-09-3	ACETIC ACID, 2-ETHYLHEXYL ESTER	-	-	-
00103-11-7	**ETHYLHEXYL ACRYLATE**		**00096-33-3**	
00103-23-1	**DIOCTYL ADIPATE**		**00084-66-2**	
00103-33-3	**AZOBENZENE**			
00103-65-1	**PROPYLBENZENE, N-**		**00100-41-4**	
00103-69-5	**ETHYLANILINE, N-**		**00062-53-3**	
00103-83-3	BENZENEMETHANAMIDE,N,N-DIMETHYL	-	-	-
00103-85-5	UREA, 1-PHENYL-1-THIO- (C7H8N2S)	-	-	-
00103-90-2	ACETAMIDE, N-(4-HYDROXYPHENYL)-	-	-	-
00104-13-2	BENZENAMINE,4-BUTYL-	-	-	-
00104-15-4	BENZENESULFONIC ACID, 4-METHYL	-	-	-
00104-40-5	PHENOL, 4-NONYL	-	-	-

00104-43-8	PHENOL, 4-DODECYL	-	-	-
00104-47-2	BENZENEACETONITRILE, 4-METHOXY-	-	-	-
00104-51-8	BENZENE, BUTYL-	-	-	-
00104-54-4	FORMIC ACID, PHENYLMETHYL ESTER	-	-	-
00104-57-4	FORMIC ACID, PHENYLMETHYL ESTER	-	-	-
00104-68-7	DIETHYLENE GLYCOL MONOPHENYL ETHER	-	-	-
00104-74-5	1-DODECYL PYRIDINIUM CHLORIDE	-	-	-
00104-75-6	2-ETHYLHEXYLAMINE	-	-	-
00104-76-7	1-HEXANOL, 2-ETHYL	-	-	-
00104-83-6	PARACHLOROBENZYL CHLORIDE	-	-	-
00104-87-0	BENZALDEHYDE, 4-METHYL- C8H8O	-	-	-
00104-91-6	PARA-NITROSOPHENOL	-	-	-
00104-94-9	**ANISIDINE, para**			
00105-06-6	BENZENE,1,4 DIETHENYL	-	-	-
00105-08-8	METHANOL, 1,4-CYCLOHEXANEDI-	-	-	-
00105-11-3	2,5-CYCLOHEXADIENE-1,4-DIONE,DIOXIME (9CI)	-	-	-
00105-45-3	BUTANOIC ACID,3-OXO-,METHYL ESTER	-	-	-
00105-46-4	**BUTYL ACETATE, SEC-**			
00105-56-6	ACETIC ACID, CYANO-, ETHYL ESTER	-	-	-
00105-58-8	CARBONIC ACID, DIETHYL ESTER	-	-	-
00105-59-9	ETHANOL, 2,2'-(METHYLIMINO)BIS-	-	-	-
00105-60-2	**CAPROLACTAM**			
00105-67-9	2,4 XYLENOL	-	-	-
00105-74-8	PEROXIDE, BIS (1-OXODODECYL) C24H46O4	-	-	-
00105-76-0	BUTENEDIOIC ACID (Z)-, DIBUTYL ESTER, 2- C1	-	-	-
00105-81-7	N-(2-HYDROXYETHYL)-N'-ALLYLTHIOUREA	-	-	-
00106-14-9	OCTADECANOIC ACID, 12-HYDROXY-	-	-	-
00106-17-2	POLYCIN 53	-	-	-
00106-19-4	HEXANEDIOIC ACID, DIPROPYL ESTER	-	-	-
00106-25-2	2,6 OCTADIEN-1-OL 3,7 DIMETHYL	-	-	-
00106-35-4	**ETHYL BUTYL KETONE**			
00106-42-3	**XYLENE, para**			
00106-43-4	PARA-CHLOROTOLUENE	-	-	-
00106-44-5	**CRESOL, para**			
00106-46-7	**DICHLOROBENZENE, para**			
00106-47-8	**CHLOROANILINE, para**		**00062-53-3**	
00106-49-0	**TOLUIDINE, para**			
00106-50-3	**PHENYLENEDIAMINE, para**			
00106-51-4	**QUINONE**			
00106-65-0	BUTANEDIOIC ACID, DIMETHYL ESTER	-	-	-
00106-67-2	1-PENTANOL, 2-ETHYL-4-METHYL	-	-	-
00106-68-3	**ETHYL AMYL KETONE**		**00541-85-5**	
00106-86-5	VINYL CYCLOHEXANE,4- 1,2-EPOXY	-	-	-
00106-87-6	**VINYL CYCLOHEXENE DIOXIDE**			
00106-88-7	**EPOXYBUTANE, 1, 2**			
00106-89-8	**EPICHLOROHYDRIN**			
00106-92-3	**ALLYL GLYCIDYL ETHER**			

00106-93-4	**DIBROMOETHANE, 1, 2**			
00106-94-5	**BROMOPROPANE, 1**			
00106-95-6	**ALLYL BROMIDE**			
00106-96-7	PROPYNE, 3-BROMO-1- (C3H3BR)	-	-	-
00106-97-8	**BUTANE**			
00106-98-9	**BUTENE, 1**			
00106-99-0	**BUTADIENE, 1, 3**			
00107-00-6	ETHYL ACETYLENE	-	-	-
00107-01-7	**BUTENE, 2**			
00107-02-8	**ACROLEIN**			
00107-03-9	PROPYL MERCAPTAN, N-	-	-	-
00107-04-0	ETHANE, 1-BROMO-2-CHLORO-	-	-	-
00107-05-1	**ALLYL CHLORIDE**			
00107-06-2	**DICHLOROETHANE, 1, 2**			
00107-07-3	**ETHYLENE CHLOROHYDRIN**			
00107-10-8	N-PROPYL AMINE	-	-	-
00107-11-9	3-AMINO-1-PROPENE (C3H7N)	-	-	-
00107-12-0	**PROPIONITRILE**		**00075-05-8**	
00107-13-1	**ACRYLONITRILE**			
00107-14-2	**ACETONITRILE, CHLOR0**		**00075-05-8**	
00107-15-3	**ETHYLENE DIAMINE**			
00107-16-4	**GLYCOLONITRILE**		**00075-05-8**	
00107-18-6	**ALLYL ALCOHOL**			
00107-19-7	**PROPARGYL ALCOHOL**			
00107-20-0	**CHLOROACETALDEHYDE**			
00107-21-1	**ETHYLENE GLYCOL**			
00107-22-2	**GLYOXAL**			
00107-25-5	ETHENE, METHOXY- C3H6O	-	-	-
00107-30-2	**CHLOROMETHYL METHYLETHER**		**00542-88-1**	
00107-31-3	**METHYL FORMATE**			
00107-39-1	1-PENTENE, 2,4,4,TRIMETHYL- C8H16	-	-	-
00107-41-5	**HEXYLENE GLYCOL**			
00107-44-8	PHOSPHONOFLUORIDIC ACID, METHYL- (C4H10I	-	-	-
00107-46-0	**HEXAMETHYLDISILOXANE**		**00556-67-2**	
00107-49-3	**TEPP**			
00107-51-7	TRISILOXANE, OCTAMETHYL- C8H24O2SI3	-	-	-
00107-52-8	TETRADECAMETHYLHEXASILOXANE	-	-	-
00107-54-0	3,5-DIMETHYL-1-HEXYN-3-OL	-	-	-
00107-59-5	ACETIC ACID, CHLORO-,TERT-BUTYL ESTER	-	-	-
00107-66-4	**DIBUTYL PHOSPHATE**			
00107-70-0	2-PENTANONE, 4-METHOXY-4-METHYL- C7H140	-	-	-
00107-83-5	**METHYL PENTANE, 2**			
00107-87-9	**METHYL PROPYL KETONE**			
00107-88-0	BUTANEDIOL, 1,3-	-	-	-
00107-91-5	CYANOACETAMIDE	-	-	-
00107-92-6	BUTANOIC ACID C4H8O2	-	-	-
00107-95-9	BETA. ALANINE	-	-	-

00107-96-0	PROPANOIC ACID, 3-MERCAPTO	-	-	-
00107-98-2	**PROPYLENE GLYCOL METHYL ET**			
00108-01-0	**DIMETHYLAMINO ETHER, 2**			
00108-03-2	**NITROPROPANE, 1**			
00108-05-4	**VINYL ACETATE**			
00108-10-1	**METHYL ISOBUTYL KETONE**			
00108-11-2	**METHYLISOBUTYLCARBINE**			
00108-16-7	1-DIMETHYLAMINO-2-PROPANOL	-	-	-
00108-18-9	**DIISOPROPYLAMINE**			
00108-19-0	IMIDODICARBONIC DIAMIDE C2H5N302	-	-	-
00108-20-3	**ISOPROPYL ETHER**			
00108-21-4	**ISOPROPYL ACETATE**			
00108-23-6	CARBONOCHLORIDIC ACID, 1-METHYLETHYL ES	-	-	-
00108-24-7	**ACETIC ANHYDRIDE**			
00108-30-5	2,5-FURANDIONE,DIHYDRO-(9CI)	-	-	-
00108-31-6	**MALEIC ANHYDRIDE**			
00108-32-7	CARBONIC ACID, CYCLIC PROPYLENE ESTER	-	-	-
00108-38-3	**XYLENE, meta**			
00108-39-4	**CRESOL, meta**			
00108-44-1	**TOLUIDINE, meta**			
00108-45-2	**PHENYLENEDIAMINE, meta**			
00108-46-3	**RESORCINOL**			
00108-48-5	2,6-DIMETHYLPYRIDINE	-	-	-
00108-57-6	**DIVINYL BENZENE, 1, 3**		**01321-74-0**	
00108-59-8	PROPANEDIOIC ACID, DIMETHYL ESTER	-	-	-
00108-60-1	BIS-CHLOROISOPROPYL ETHER	-	-	-
00108-65-6	**METHOXYPROPYLACETATE**		**00107-98-2**	
00108-67-8	**TRIMETHYLBENZENE, 1, 3, 5**			
00108-73-6	1,3,5-BENZENETRIOL	-	-	-
00108-77-0	1,3,5-TRIAZINE,2,4-TRICHLORO	-	-	-
00108-78-1	MELAMINE	-	-	-
00108-80-5	CYANURIC ACID	-	-	-
00108-83-8	**DIISOBUTYL KETONE**			
00108-84-9	**HEXYL ACETATE, SEC-**			
00108-86-1	**BROMOBENZENE**			
00108-87-2	**METHYLCYCLOHEXANE**			
00108-88-3	**TOLUENE**			
00108-89-4	PYRIDING, 4-METHYL- C6H7N	-	-	-
00108-90-7	**CHLOROBENZENE**			
00108-91-8	**CYCLOHEXYLAMINE**			
00108-93-0	**CYCLOHEXANOL**			
00108-94-1	**CYCLOHEXANONE**			
00108-95-2	**PHENOL**			
00108-98-5	**PHENYL MERCAPTAN**			
00108-99-6	BETA-PICOLINE	-	-	-
00109-01-3	1-METHYL PIPERAZINE	-	-	-
00109-04-6	2-BROMOPYRIDINE	-	-	-

00109-06-8	PYRIDINE,2-METHYL	-	-	-
00109-09-1	2-CHLOROPYRIDINE	-	-	-
00109-16-0	2-PROPENOIC ACID,2-METHYL-,1,2-ETHANEDIYL	-	-	-
00109-17-1	TETRAETHYLENEGLYCOL, DIMETHACRYLATE	-	-	-
00109-19-3	BUTYL 3-METHYLBUTYRATE (C9H18O2)	-	-	-
00109-43-3	DECANEDIOIC ACID, DIBUTYL ESTER C18H34O4	-	-	-
00109-52-4	PENTANOIC ACID	-	-	-
00109-55-7	1,3-PROPANEDIAMINE,N,N-DIMETHYL C5H14N2	-	-	-
00109-57-9	1-ALLYL-2-THIOUREA	-	-	-
00109-59-1	**ISOPROPOXYETHANOL, 2**			
00109-60-4	**PROPYL ACETATE**			
00109-61-5	CHLOROFORMATE, N-PROPYL- (C4H7CLO2)	-	-	-
00109-63-7	BORON,TRIFLUORO[1,1'-OXYBIS[ETHANE]],(T-4)-	-	-	-
00109-65-9	BUTANE, 1-BROMO-	-	-	-
00109-66-0	**PENTANE**			
00109-67-1	**PENTENE, 1**		**00592-41-6**	
00109-68-2	PENTENE,2-	-	-	-
00109-69-3	N - BUTYL CHLORIDE	-	-	-
00109-70-6	PROPANE,1-BROMO-3-CHLORO-	-	-	-
00109-73-9	**BUTYLAMINE, N-**			
00109-74-0	BUTANENITRILE C4H7N	-	-	-
00109-76-2	**PROPANEDIAMINE, 1, 3**		**00107-15-3**	
00109-77-3	**MALONONITRILE**		**00075-05-8**	
00109-78-4	2-CYANOETHANOL	-	-	-
00109-79-5	**BUTYL MERCAPTAN**			
00109-83-1	METHYLAMINOETHANOL	-	-	-
00109-86-4	**METHYL CELLOSOLVE**			
00109-87-5	**METHYLAL**			
00109-89-7	**DIETHYLAMINE**			
00109-92-2	VINYL ETHYL ETHER	-	-	-
00109-94-4	**ETHYL FORMATE**			
00109-95-5	ETHYL NITRATE	-	-	-
00109-99-9	**TETRAHYDROFURAN**			
00110-00-9	FURAN C4H4O	-	-	-
00110-01-0	THIOPHENE, TETRAHYDRO	-	-	-
00110-02-1	THIOPHENE	-	-	-
00110-03-2	2,5-HEXANEDIOL, 2,5-DIMETHYL- C8H18O2	-	-	-
00110-05-4	DI-TERT-BUTYL PEROXIDE C8H18O2	-	-	-
00110-12-3	**METHYLISOAMYLKETONE**			
00110-15-6	1,2-ETHANEDICARBOXYLIC ACID	-	-	-
00110-16-7	2-BUTENEDIOIC ACID (Z)- C4H4O4	-	-	-
00110-17-8	BUTENEDIOIC ACID, 2-	-	-	-
00110-18-9	1,2-ETHANEDIAMINE, N,N,N',N',-TETRAMETHYL-	-	-	-
00110-19-0	**ISOBUTYL ACETATE**			
00110-21-4	1,2, HYRDAZINEDICARBOXAMIDE	-	-	-
00110-25-8	GLYCINE,N-METHYL-N-(1-OXO-9-OCTADECENYL)	-	-	-
00110-27-0	TETRADECANOIC ACID, 1-METYLETHYL ESTER	-	-	-

00110-30-5	OCTADECANAMIDE, N,N'-1,2-ETHANEDIYLBIS- C	-	-	-
00110-41-8	2-METHYLUNDECANAL	-	-	-
00110-43-0	**METHYL AMYL KETONE**			
00110-44-1	2,4-HEXANEDIOIC ACID	-	-	-
00110-49-6	**METHOXYETHYL ACETATE, 2**			
00110-53-2	PENTANE, 1 BROMO	-	-	-
00110-54-3	**HEXANE**			
00110-56-5	1,4 DICHLOROBUTANE	-	-	-
00110-57-6	TRANS 1,4-DICHLOROBUTENE (C4H6CL2)	-	-	-
00110-60-1	1,4-BUTANEDIAMINE C4H12N2	-	-	-
00110-61-2	**SUCCINONITRILE**		**00075-05-8**	
00110-62-3	**VALERALDEHYDE**			
00110-63-4	BUTANEDIOL, 1,4-	-	-	-
00110-66-7	AMYL MERCAPTAN	-	-	-
00110-71-4	ETHYLENE GLYCOL DIMETHYL ETHER	-	-	-
00110-75-8	2-CHLOROETHYL VINYL ETHER	-	-	-
00110-80-5	**GLYCOL MONOETHYL ETHER**			
00110-81-6	DISULFIDE, DIETHYL	-	-	-
00110-82-7	**CYCLOHEXANE**			
00110-83-8	**CYCLOHEXENE MIXTURE**			
00110-85-0	**PIPERAZINE SALTS**			
00110-86-1	**PYRIDINE**			
00110-88-3	1,3,5-TRIOXANE	-	-	-
00110-89-4	PYRIDINE, HEXAHYDRO- (C5H11N)	-	-	-
00110-91-8	**MORPHOLINE**			
00110-98-5	2-PROPANOL, 1,1'-OXYBIS-	-	-	-
00110-99-6	ACETIC ACID, 2,2'-OXYBIS-	-	-	-
00111-05-7	9-OCTADECENAMIDE, N-(2-HYDROXYPROPYL)	-	-	-
00111-13-7	2-OCTANONE	-	-	-
00111-14-8	HEPTANOIC ACID	-	-	-
00111-15-9	**ETHOXYETHYL ACETATE, 2**			
00111-16-0	HEPTANEDIOIC ACID	-	-	-
00111-21-7	ETHANOL 2,2'-[1,2-ETHANEDIYLBIS(OXY)]BIS, DI/	-	-	-
00111-26-2	1- HEXALYAMINE	-	-	-
00111-27-3	HEXANOL	-	-	-
00111-29-5	1,5-PENTANEDIOL	-	-	-
00111-30-8	**GLUTARALDEHYDE**			
00111-31-9	HEXANETHIOL	-	-	-
00111-34-2	VINYL N-BUTYL ETHER (C6H12O)	-	-	-
00111-35-3	**ETHOXYPROPANOL, 3**		**00107-98-2**	
00111-36-4	BUTANE,1-ISOCYANATO-	-	-	-
00111-40-0	**DIETHYLENE TRIAMINE**			
00111-41-1	ETHANOL,2-[(2-AMINOETHYL)AMINO]-	-	-	-
00111-42-2	**DIETHANOLAMINE**			
00111-44-4	**DICHLOROETHYL ETHER**			
00111-45-5	**ETHYLENE GYLCOL MONOALLY**		**00110-80-5**	
00111-46-6	**DIETHYLENE GLYCOL**		**00110-80-5**	

00111-49-9	1H-AZEPINE,HEXAHYDRO-	-	-	-
00111-55-7	ETHYLENE GLYCOL DIACETATE	-	-	-
00111-65-9	**OCTANE**			
00111-66-0	OCTENE, 1- C8H16	-	-	-
00111-69-3	**ADIPONITRILE**			
00111-70-6	HEPTANOL, 1- C7H16O	-	-	-
00111-76-2	**BUTOXYETHANOL, 2**			
00111-77-3	**METHYL CARBITOL**		**00109-86-4**	
00111-78-4	1,5-CYCLOOCTADIENE	-	-	-
00111-82-0	DODECANOIC ACID, METHYL ESTER	-	-	-
00111-83-1	OCTANE, 1-BROMO- C8H17BR	-	-	-
00111-84-2	**NONANE**			
00111-86-4	1-OCTANAMINE	-	-	-
00111-87-5	1-OCTANOL C8H18O	-	-	-
00111-88-6	OCTANETHIOL	-	-	-
00111-90-0	**CARBITOL CELLOSOLVE**		**00110-80-5**	
00111-91-1	BIS (2-CHLOROETHOXY) METHANE	-	-	-
00111-92-2	DIBUTYL AMINE	-	-	-
00111-96-6	**DIETHYLENE GLYCOL DIETHYL**		**00109-86-4**	
00112-05-0	NONANOIC ACID	-	-	-
00112-06-1	**HEPTYL ACETATE**		**00108-84-9**	
00112-07-2	**BUTOXYETHYL ACETATE**			
00112-13-0	DECANOYL CHLORIDE C10H19CLO	-	-	-
00112-15-2	ETHANOL,2-(2-BUTOXYETHOXY)-3ACETATE	-	-	-
00112-16-3	DODECANOYL CHLORIDE C12H23CLO	-	-	-
00112-18-5	1-DODECANAMINE, N,N-DIMETHYL-	-	-	-
00112-24-3	**TRIETHYLENETETRAMINE**		**00111-40-0**	
00112-25-4	ETHANOL,2-(HEXYLOXY)	-	-	-
00112-27-6	**TRIETHYLENE GLYCOL**		**00110-80-5**	
00112-34-5	**BUTYL CARBITOL**		**00110-80-5**	
00112-35-6	**TRIETHYLENE GLYCOL METHYL ET**		**00110-80-5**	
00112-36-7	**DIETHYL CARBITOL**		**00110-80-5**	
00112-38-9	10-UNDECENOIC ACID C11H2002	-	-	-
00112-40-3	DODECANE C12H26	-	-	-
00112-41-4	1-DODECENE	-	-	-
00112-42-5	UNDECANOL, 1- C11H24O	-	-	-
00112-48-1	**ETHYLENE GLY DIBUTYL**		**00110-80-5**	
00112-53-8	1-DODECANOL C12H26O	-	-	-
00112-54-9	LAURYL ALDEHYDE C12H24O	-	-	-
00112-55-0	**DODECYL MERCAPTAN**			
00112-57-2	PENTAMINE, TETRAETHYLENE	-	-	-
00112-59-4	**HEXYL CARBITOL**		**00110-80-5**	
00112-60-7	ETHANOL,2,2'[OXYBIS(1,2 ETHANEDIYLOXY)]BIS	-	-	-
00112-61-8	OCTADECANOIC ACID, METHYL ESTER C19H38(	-	-	-
00112-70-9	1-TRIDECANOL C13H280	-	-	-
00112-73-2	**DIBUTYL CARBITOL**		**00110-80-5**	
00112-80-1	9-OCTADECANOIC ACID C18H3402	-	-	-

00112-84-5	13-DOCOSENAMIDE	-	-	-
00112-85-6	BEHENIC ACID	-	-	-
00112-92-5	N-1-OCTADECANOL	-	-	-
00113-48-4	4,7-METHANO-1H-ISOINDOLE-1,3(2H)-DIONE,2-(2-	-	-	-
00114-26-1	**PROPOXUR (BAYGON)**			
00115-07-1	**PROPYLENE**			
00115-10-6	**DIMETHYL ETHER**		**00060-29-7**	
00115-11-7	**ISOBUTYLENE**			
00115-19-5	1,1-DIMETHYL-2-PROPYN-1-OL	-	-	-
00115-21-9	TRICHLOROETHYLSILICON	-	-	-
00115-25-3	OCTAFLUOROCYCLOBUTANE	-	-	-
00115-26-4	FLUORIDE, N,N,N',N-TETRAMETHYL PHOSPHOR(	-	-	-
00115-27-5	4,7-METHANOISOBENZOFURAN-1,3-DIONE,4,5,6,	-	-	-
00115-29-7	**ENDOSULFAN**			
00115-32-2	1,1-BIS(CHLOROPHENYL)-2,2,2-TRICHLOROETHA	-	-	-
00115-77-5	**PENTAERYTHRITOL**			
00115-86-6	**TRIPHENYL PHOSPHATE**			
00115-88-8	DIPHENYL OCTYL PHOSPHATE	-	-	-
00115-90-2	**FENSULFOTHION**			
00116-02-9	CYCLOHEXANOL, 3,3,5-TRIMETHYL-	-	-	-
00116-06-3	ALDICARB	-	-	-
00116-09-6	1-HYDROXYACETONE	-	-	-
00116-14-3	**TETRAFLUOROETHYLENE**			
00116-15-4	**HEXAFLUOROPROPYLENE**			
00117-08-8	1,3-ISOBENZOFURANDIONE,4,5,6,7-TETRACHLOI	-	-	-
00117-40-8	4,7-METHANOISOBENZOFURAN-1,3-DIONE,3A47	-	-	-
00117-52-2	3-(ALPHA-ACETONYLFURFURYL)-4-HYDROXY-C(	-	-	-
00117-80-6	1,4-NAPHTHAQUINONE, 2,3-DICHLORO-	-	-	-
00117-81-7	**DIOCTYL PHTHALATE**			
00117-82-8	1,2-BENZENEDICARBOXYLIC ACID,BIS(2-METHO	-	-	-
00117-84-0	1,2-BENZENEDICARBOXYLIC ACID DIOETHYL ES	-	-	-
00118-00-3	GUANOSINE	-	-	-
00118-12-7	1H-INDOLE,2,3-DIHYDRO-1,3,3-TRIMETHYL-2-ME	-	-	-
00118-52-5	**DICHLORDIMEHYDANTOIN**			
00118-74-1	**HEXACHLOROBENZENE**			
00118-79-6	2,4,6 TRIBROMOPHENOL	-	-	-
00118-90-1	BENZOIC ACID, 2-METHYL	-	-	-
00118-92-3	BENZOIC ACID,2-AMINO	-	-	-
00118-96-7	**TRINITROTOLUENE**			
00119-32-4	BENZENAMINE, 4-METHYL-3-NITRO	-	-	-
00119-36-8	METHYL SALICYLATE	-	-	-
00119-38-0	ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARI	-	-	-
00119-53-9	ETHANONE,2-HYDROXY-1,2-DIPHENYL	-	-	-
00119-61-9	METHANONE,DIPHENYL	-	-	-
00119-64-2	NAPTHALENE, TETRAHYDRO	-	-	-
00119-90-4	3,3'-DIMETHOXYBENZIDINE	-	-	-
00119-93-7	**TOLIDINE, ortho**		**00062-53-3**	

00120-07-0	PHENYLDIETHANOLAMINE	-	-	-
00120-12-7	**ANTHRACENE**		**13049829-2**	
00120-36-5	2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID	-	-	-
00120-51-4	BENZYL BENZOATE	-	-	-
00120-61-6	DIMETHYLTEREPHTHALATE	-	-	-
00120-72-9	INDOLE	-	-	-
00120-78-5	BENZOTHIAZYL DISULFIDE	-	-	-
00120-80-9	**CATECHOL**		**00108-95-2**	
00120-82-1	**TRICHLORO BENZENE**			
00120-83-2	DICHLOROPHENOL, 2,4	-	-	-
00120-92-3	CYCLOPENTANONE	-	-	-
00120-94-5	1-METHYL-PYRROLIDINE	-	-	-
00120-95-6	PHENOL, 2,4-BIS(1,1-DIMETHYLPROPYL)- C16H2	-	-	-
00121-14-2	**DINITROTOLUENE, 2, 4**			
00121-18-6	ORTHO NITRO CHLORO BENZENE SULFONIC AC	-	-	-
00121-29-9	**PYRETHRIN**		**08003-34-7**	
00121-33-5	BENZALDEHYDE,4-HYDROXY,3-METHOXY	-	-	-
00121-43-7	BORIC ACID, TRIMETHYL ESTER	-	-	-
00121-44-8	**TRIETHYLAMINE**			
00121-45-9	**TRIMETHYL PHOSPHITE**			
00121-46-0	2,5-NORBORNADIENE	-	-	-
00121-57-3	BENZENESULFONIC ACID, 4-AMINO- C6H7NO3S	-	-	-
00121-69-7	**DIMETHYLANILINE**			
00121-75-5	**MALATHION**			
00121-82-4	**CYCLONITE**			
00121-87-9	**CHLORO NITROANILINE**		**00100-01-6**	
00121-91-5	1, 3-BENZENEDICARBOXYLIC ACID	-	-	-
00122-14-5	THIOPHOSPHATE, O,O-OIMETHYL 0-(3-METYL-4-	-	-	-
00122-19-0	NNDIMETHYL-N-OCTADECYL BENZENEMETHAN/	-	-	-
00122-20-3	TRIISOPROPANOLAMINE	-	-	-
00122-39-4	**DIPHENYLAMINE**			
00122-51-0	ETHYL ORTHOFORMATE	-	-	-
00122-60-1	**PHENY GLYCIDYL ETHER**			
00122-62-3	DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	-	-	-
00122-66-7	**DIPHENYL HYDRAZINE**			
00122-78-1	PHENYLACETALDEHYDE	-	-	-
00122-82-7	ACETOACETIC ACID, P-PHENETIDIDE	-	-	-
00122-99-6	**ETHANOL, 2-PHENOXY-**		**00110-80-5**	
00123-01-3	DODECYL BENZENE	-	-	-
00123-03-5	1-HEXADECYLPYRIDIUM CHLORIDE C21H38N.CI	-	-	-
00123-07-9	PHENOL, 4-ETHYL-	-	-	-
00123-19-3	**DIPROPYL KETONE**			
00123-23-9	BUTANOIC ACID, 4,4-DIOXYBIS(4-OXO-	-	-	-
00123-30-8	PHENOL, 4-AMINO- C6H7NO	-	-	-
00123-31-9	**HYDROQUINONE**			
00123-38-6	**PROPIONALDEHYDE**			
00123-39-7	FORMAMIDE, N-METHYL- C2H5NO	-	-	-

00123-42-2	**DIACETONE ALCOHOL**				
00123-51-3	**ISOAMYL ALCOHOL**				
00123-54-6	**PENTANEDIONE, 2,4**				
00123-72-8	BUTANAL	-	-		-
00123-73-9	**CROTONALDEHYDE, trans**			**04170-30-3**	
00123-75-1	PYRROLIDINE	-	-		-
00123-77-3	DIAZENEDICARBOXAMIDE C2H4N4O2	-	-		-
00123-79-5	HEXANEDIOIC ACID, DIOCTYL ESTER	-	-		-
00123-81-9	ACETIC ACID, MERCAPTO-,1,2-ETHANEDIYL EST	-	-		-
00123-86-4	**BUTYL ACETATE**				
00123-91-1	**DIOXANE, 1, 4**				
00123-92-2	**ISOAMYL ACETATE**				
00123-93-3	ACETIC ACID, 2,2'THIOBIS	-	-		-
00123-95-5	N-BUTYL STEARATE	-	-		-
00123-96-6	2-OCTANOL	-	-		-
00123-98-8	AZELAOYL CHLORIDE	-	-		-
00124-04-9	**ADIPIC ACID**				
00124-07-2	OCTANOIC ACID C8H1602	-	-		-
00124-09-4	**HEXANEDIAMINE, 1, 6**				
00124-11-8	NONENE, 1- C9H18	-	-		-
00124-16-3	2-PROPANOL,1-(2-BUTOXYETHOXY)-,ACETATE	-	-		-
00124-17-4	**BUTYL CARBITOL ACETATE**			**00110-80-5**	
00124-18-5	**DECANE**			**00110-54-3**	
00124-26-5	OCTADECANAMIDE C18H37NO	-	-		-
00124-30-1	1-OCTADECANAMINE	-	-		-
00124-38-9	**CARBON DIOXIDE**				
00124-40-3	**DIMETHYL AMINE**				
00124-41-4	METHANOL, SODIUM SALT CH4O.NA	-	-		-
00124-48-1	CHLORODIBROMOMETHANE	-	-		-
00124-65-2	**SODIUMACODYLATE**		**As**	**07440-38-2**	
00124-68-5	**ISOBUTANOLAMINE**			**00141-43-5**	
00124-70-9	SILANE, DICHLOROETHENYLMETHYL	-	-		-
00124-87-8	PICROTOXIN	-	-		-
00125-29-1	MORPHINAN-6-ONE, 4,5-EPOXY-3-METHOXY-17-M	-	-		-
00125-33-7	2-DEOXYPHENOBARBITAL	-	-		-
00126-00-1	DIPHENOLIC ACID	-	-		-
00126-07-8	SPIRO(BENZOFURAN-2(3H),1-CYCLOHEXENE DI(	-	-		-
00126-30-7	1,3-PROPANEDIOL, 2,2-DIMETHYL-	-	-		-
00126-33-0	TETRAHYDROTHIOPHENE-1,1-DIOXIDE	-	-		-
00126-58-9	DIPENTAERYTHRITOL	-	-		-
00126-73-8	**TRIBUTYL PHOSPHATE**				
00126-86-3	5-DECYNE-4,7-DIOL,2,4,7,9-TETRAMETHYL- C14H	-	-		-
00126-92-1	SODIUM 2 ETHYLHEXYL SULFATE C8H18O4S.NA	-	-		-
00126-98-7	**METHYLACRYLONITRILE**				
00126-99-8	**CHLOROPRENE, beta-**				
00127-00-4	**CHLORO-2-PROPANOL, 1**				
00127-08-2	ACETIC ACID, POTASSIUM SALT C2H4O2.K	-	-		-

00127-09-3	ACETIC ACID, SODIUM SALT	-	-	-
00127-18-4	**TETRACHLOROETHYLENE**			
00127-19-5	**DIMETHYLACETAMIDE**			
00127-25-3	METHYL ABIETATE	-	-	-
00127-65-1	BENZENESULFONAMIDE, N-CHLORO-4-METHYL-	-	-	-
00127-68-4	**SODIUM NITROBENZSULFATE**		**00098-95-3**	
00127-91-3	**NONPINNE**			
00128-37-0	**DITERT BUTLY-P-CRESOL**			
00128-39-2	**DITERTBUTYPHENOL, 2, 6**		**00108-95-2**	
00128-44-9	1,2-BENZISOTHIAZOL-ONE, 1,1-DIOXIDE, SODIUM	-	-	-
00128-56-3	SODIUM ANTHRAQUINONE-1-SULFONATE	-	-	-
00128-93-8	9,10-ANTHRACENEDIONE,1-BROMO-4-(METHYLA	-	-	-
00129-00-0	**PYRENE**		**13049829-2**	
00129-79-3	2,4,7,DIANHYDRYINITRO 9-9FLOURENONE	-	-	-
00131-11-3	**DIMETHYL PHTHALATE**			
00131-17-9	DIALLYL PHTHALATE	-	-	-
00131-52-2	PHENOL, PENTACHLORO-, SODIUM SALT C6HCl	-	-	-
00131-53-3	2,2'DIHYDROXY-4-METHOXYBENZOPHENONE	-	-	-
00132-22-9	2-PYRIDINEPROPANAMINE,.GAMMA.-(4-CHLORO	-	-	-
00132-64-9	DIBENZOFURAN	-	-	-
00133-06-2	**CAPTAN**			
00133-14-2	PEROXIDE,BIS(2,4-DICHLOROBENZOYL)	-	-	-
00133-37-9	BUTANEDIOIC ACID, 2,3-DIHYDROXY-,	-	-	-
00133-66-4	BENZENESULFONIC ACID, ETHEDYLBISPHENAM	-	-	-
00133-90-4	CHLORAMBEN	-	-	-
00134-28-1	AZULENEMETHANOL,OCTAHYDRO-ALPHA,ALPH	-	-	-
00134-32-7	ALPHA-NAPHTHYLAMINE	-	-	-
00134-81-6	ETHANEDIONE, 1,2-DIPHENYL-	-	-	-
00135-19-3	2-NAPHTHALENOL C10H8O	-	-	-
00135-51-3	NAPTHALENEDISULFONIC ACID, 2,7- ,3-HYDROX	-	-	-
00135-61-5	NAPTHALENECARBOXAMIDE,2-,3-HYDROXY-N-(M	-	-	-
00135-62-6	NAPTHOL AS-OL	-	-	-
00135-65-9	NAPTHALENECARBOXAMIDE,2- 3-HYDROXY-N-(3	-	-	-
00135-88-6	2-NAPHTHALENAMINE, N-PHENYL- C16H13N	-	-	-
00135-98-8	BENZENE, (1-METHYLPROPYL)-	-	-	-
00136-26-5	DECANAMIDE,N,N-BIS(2-HYDROXYETHYL)-	-	-	-
00136-32-3	PHENOL,2,4,5-TRICHLOROSODIUM SALT	-	-	-
00136-51-6	HEXANOIC ACID, 2-ETHYL CALCIUM SALT	-	-	-
00136-52-7	**HEXANOIC ACID, COBALT**		**Co**	**07440-48-4**
00136-78-7	**SESONE**			
00137-05-3	**METHYL CYANOACRYLATE**			
00137-20-2	ETHANESULFONIC ACID,2-METHYL,1-OXO-9-OCT	-	-	-
00137-26-8	**THIRAM**			
00137-29-1	COPPER,BIS(DIMETHYLCARBAMOSITHIOATO-S,S	-	-	-
00137-30-4	ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S)-(	-	-	-
00137-32-6	2-METHYL-1-BUTANOL	-	-	-
00137-40-6	PROPANOIC ACID, SODIUM SALT C3H6O2.NA	-	-	-

00137-42-8	SODIUM METHYLDITHIOCARBAMATE C2H5NS2	-	-	-
00137-43-9	CYCLOPENTANE BROMIDE	-	-	-
00137-58-6	ACETAMIDE, 2-(DIETHYLAMINO)-N-(2,6-DIMETHY	-	-	-
00138-22-7	**BUTYL LACTATE, N-**			
00138-86-3	LIMONENE (ALPHA)	-	-	-
00139-02-6	PHENOL, SODIUM SALT	-	-	-
00139-08-2	C14 DIMETHYL BENZYL AMMONIUM CHLORIDE	-	-	-
00139-12-8	ACETIC ACID, ALUMINUM SALT C2H4O2	-	-	-
00139-13-9	NITRILOTRIACETIC ACID	-	-	-
00139-33-3	DISODIUM ETHYLENEDIAMINETETRAACETATE	-	-	-
00139-44-6	OCTADECANOIC ACID, 1,2-HYDROXY-, 1,2,3-PRO	-	-	-
00139-66-2	BENZENE,1,1'-THIOBIS C12H10S	-	-	-
00139-88-8	UNDECANOL,7-ETHYL-2-METHYL-,HYDROGEN SI	-	-	-
00139-89-9	TRISODIUM HEDTA	-	-	-
00140-11-4	**BENZYL ACETATE**			
00140-29-4	BENZYL CYANIDE	-	-	-
00140-31-8	PIPERAZINE, 1-(2-AMINOETHYL)-	-	-	-
00140-57-8	**ARAMITE**			
00140-66-9	PHENOL, 4-TERT-OCTYL	-	-	-
00140-76-1	PYRIDINE,2-METHYL-5-VINYL	-	-	-
00140-88-5	**ETHYL ACRYLATE**			
00140-95-4	DIMETHANOL UREA	-	-	-
00141-04-8	HEXANEDIOIC ACID, BIS(2-METHYLPROPYL)EST	-	-	-
00141-18-4	HEXANEDIOIC ACID, BIS(2-BUTOXYETHYL)ESTEI	-	-	-
00141-32-2	**BUTYL ACRYLATE, N-**			
00141-43-5	**ETHANOLAMINE**			
00141-53-7	FORMIC ACID, SODIUM SALT	-	-	-
00141-62-8	DECAMETHYLTETRASILOXANE C10H30O3SI4	-	-	-
00141-63-9	DODECAMETHYLPENTASILOXANE	-	-	-
00141-65-1	PHOSPHORIC ACID,B15(2-ETHYLHEXYL)ESTER,S	-	-	-
00141-66-2	**DICROTOPHOS**			
00141-78-6	**ETHYL ACETATE**			
00141-79-7	**MESITYL OXIDE**			
00141-90-2	4(1H)-PYRIMIDINONE,2,3-DIHYDRO-2-THIOXO-	-	-	-
00141-97-9	BUTANOIC ACID, 3-OXO-, ETHYL ESTER	-	-	-
00142-15-4	OCTADECENOIC ACID SULFOETHYL ESTER SOI	-	-	-
00142-22-3	DIALLYL DIGLYCOL CARBONATE	-	-	-
00142-28-9	1,3-DICHLOROPROPANE	-	-	-
00142-29-0	CYCLOPENTENE	-	-	-
00142-30-3	DIMETHYL-3-HEXYNE-2,5-DIOL, 2,5-	-	-	-
00142-31-4	SULFURIC ACID, MONOOCTYL ESTER, SODIUM S	-	-	-
00142-62-1	HEXANOIC ACID	-	-	-
00142-64-3	**PIPERAZINE DIHYDROCHORIDE**			
00142-71-2	CUPRIC ACETATE	-	-	-
00142-73-4	GLYCINE, N-(CARBOXYMETHYL)-	-	-	-
00142-82-5	**HEPTANE, N-**			
00142-84-7	DIPROPYL AMINE	-	-	-

00142-90-5	2-PROPENOIC ACID, 2-METHYL-, DODECYL ESTE	-	-	-
00142-91-6	HEXADECANOIC ACID, 1-METYLETHYL ESTER	-	-	-
00142-92-7	ACETIC ACID, HEXYL ESTER	-	-	-
00142-96-1	BUTYL ETHER	-	-	-
00143-07-7	DODECANOIC ACID C12H24O2	-	-	-
00143-08-8	NONANOL, 1- C9H20O	-	-	-
00143-10-2	DECANETHIOL	-	-	-
00143-13-5	ACETIC ACID, NONYL ESTER	-	-	-
00143-18-0	POTASSIUM OLEATE	-	-	-
00143-22-6	TRIETHYLENE GLYCOL MONOBUTYL ETHER	-	-	-
00143-28-2	OLEYL ALCOHOL	-	-	-
00143-33-9	**SODIUM CYANIDE**	**CN**	**00057-12-5**	
00143-50-0	**CHLORDECONE**			
00144-19-4	1,3-PENTANEDIOL, 2,2,4-TRIMETHYL- C8H18O2	-	-	-
00144-49-0	FLUOROACETIC ACID	-	-	-
00144-55-8	CARBONIC ACID MONOSODIUM SALT CH2O3NA	-	-	-
00144-62-7	**OXALIC ACID**			
00147-14-8	COPPER,PHTHALOCYANINATO	-	-	-
00147-85-3	L-PROLINE	-	-	-
00147-94-4	2(1H)-PYRIMIDINONE,4-AMINO-1-.BETA.-D-ARABI	-	-	-
00148-01-6	**DINITRO-O-TOLUAMIDE**			
00148-18-5	CARBAMODITHIOIC ACID, DIETHYL-, SODIUM SA	-	-	-
00148-69-6	PROPANENITRILE, 3-[ETHYL(3-METHYLPHENYL),	-	-	-
00148-79-8	1H-BENZIMIDAZOLE,2-(4-THIAZOLYL)	-	-	-
00148-82-3	L-PHENYLALANIME,4-[BIS(2-CHLOROETHYL)AMI	-	-	-
00149-30-4	MERCAPTOBENZOTHIAZOLE, 2-	-	-	-
00149-45-1	1,3 BENZENEDISULFONIC ACID, 4,5, DIHYROXY,	-	-	-
00149-57-5	**ETHYL HEXANOIC**			
00149-74-6	DICHLOROMETHYLPHENYLSILANE	-	-	-
00149-91-7	BENZOIC ACID, TRIHYDROXY	-	-	-
00150-38-9	GLYCINE,H,H'-1,2-ETHANEDIG/BIS H-(CARBOXYM	-	-	-
00150-39-0	GLYCINE, N-[2-[BIS(CARBOXYMETHYL)AMINO]ET	-	-	-
00150-46-9	TRIETHOXYBORANE	-	-	-
00150-75-4	PHENOL, 4-(METHYLAMINO)- C7H9NO	-	-	-
00150-76-5	**METHOXYPHENOL, 4**			
00151-10-0	BENZENE, 1,3-DIMETHOXY-	-	-	-
00151-21-3	SULFURIC ACID,MONODODECYL ESTER,SODIUM	-	-	-
00151-38-2	METHOXYETHYLMERCURIC ACETATE	-	-	-
00151-41-7	SULFURIC ACID,MONODODECYL ESTER C12H26	-	-	-
00151-50-8	**POTASSIUM CYANIDE**	**CN**	**00057-12-5**	
00151-56-4	**ETHYLENEIMINE**			
00151-67-7	**HALOTHANE**			
00154-41-6	BENZENEMETHANOL, .ALPHA.-(1-AMINOETHYL)-	-	-	-
00154-93-8	UREA, N,N'-BIS(2-CHLOROETHYL)-N-NITROSO	-	-	-
00156-59-2	**DICHLOROETHYLENE, cis**			
00156-60-5	**DICHLOROETHYLENE, trans**			
00156-62-7	**CALCIUM CYANAMIDE**			

00156-87-6	3-AMINO-1-PROPANOL	-		-	-
00191-24-2	**BENZO[G,H,I]PERYLENE**				
00191-26-4	ANTHANTHRENE	-		-	-
00193-39-5	**INDENO(1,2,3-CD-PYRENE**				
00194-59-2	7H-DIBENZO[C,G]CARBAZOLE	-		-	-
00205-82-3	BENZO[J]FLUORANTHENE	-		-	-
00205-99-2	**BENZO(b)ANTHRACENE**				
00206-44-0	**FLUORANTHENE**				
00207-08-9	**BENZO[K]FLUORANTHENE**				
00208-96-8	**ACENAPHTHYLENE**				
00218-01-9	**CHRYSENE**			**13049829-2**	
00224-42-0	DIBENZ[A,J]ACRIDINE	-		-	-
00226-36-8	DIBENZ[A,H]ACRIDINE	-		-	-
00231-36-7	DIPYRIDOL[1,2-AI2',1'-C] PYRAZINEDIIUM, DIHYDI	-		-	-
00260-94-6	**ACRIDINE**			**13049829-2**	
00280-57-9	1,4, DIAZABICYCLO[2,2,2]OCTANE	-		-	-
00287-92-3	**CYCLOPENTANE**				
00288-13-1	1H-PYRAZOLE	-		-	-
00288-32-4	IMIDAZOLE	-		-	-
00288-36-8	1H-1,2,3 TRIAZOLE	-		-	-
00288-88-0	1H-1,2,4-TRIAZOLE	-		-	-
00290-37-9	PYRAZINE	-		-	-
00297-97-2	THIONAZIN	-		-	-
00298-00-0	**METHYL PARATHION**				
00298-02-2	**PHORATE**				
00298-04-4	**DISULFOTON**				
00298-07-7	PHOSPHORIC ACID,BIS(2-ETHYLHEXYL)ESTER	-		-	-
00298-12-4	GLYOXYLIC ACID	-		-	-
00299-84-3	**RONNEL**				
00299-86-5	**CRUFORMATE**				
00300-62-9	AMPHETAMINE	-		-	-
00300-76-5	**NALED (DIBROM)**				
00300-92-5	ALUMINUM STEARATE	-		-	-
00301-04-2	**ACETIC ACID, LEAD**		**Pb**	**07439-92-1**	
00301-10-0	HEXANOIC ACID, 2-ETHYL-, TIN(2+) SALT	-		-	-
00302-01-2	**HYDRAZINE**				
00302-17-0	1,1-ETHANEDIOL, 2,2,2-TRICHLORO- C2H3CL3O2	-		-	-
00302-72-7	ALANINE	-		-	-
00304-59-6	BUTANEDIOICACID,2,3DIHYDROXY-MONOPOTAS	-		-	-
00306-83-2	ETHANE, 2,2-DICHLORO-1,1-TRIFLUORO-	-		-	-
00306-91-2	PHENANTHRENE,TETRACOSAFLUOROTETRADE	-		-	-
00307-34-6	OCTANE, -OCTADECAFLUORO-	-		-	-
00309-00-2	**ALDRIN**				
00311-89-7	1-BUTANAMINE	-		-	-
00314-40-9	**BROMACIL**				
00315-18-4	MEXACARBATE	-		-	-
00316-42-7	EMETINE, DIHYDROCHLORIDE	-		-	-

00318-98-9	PROPANOL,(METHYLETHYL)AMINONAPHTHALEN	-	-	-
00319-84-6	**LINDANE, alpha**			
00319-85-7	**LINDANE, beta**			
00319-86-8	CYCLOHEHANE, 1,2,3,4,5,6-HEXACHLORO-	-	-	-
00321-38-0	1-FLUORONAPHTHALENE	-	-	-
00327-98-0	TRICHLORONATE	-	-	-
00328-84-7	3,4DICHLOROBENZOTRIFLUORIDE	-	-	-
00330-54-1	**DIURON**			
00333-20-0	**THIOCYANIC ACID, POTASSIUM**	**CN**	**00057-12-5**	
00333-41-5	**DIAZINON**			
00334-48-5	DECANOIC ACID	-	-	-
00334-88-3	**DIAZOMETHANE**			
00335-36-4	FURAN, -HEPTAFLUOROTETRAHYDRO-5-(1-NON	-	-	-
00338-84-1	PERFLUOROTRIAMYLAMINE	-	-	-
00345-78-8	BENZENEMETHANOL, .A.-[1-(METHYLAMINO)ETH	-	-	-
00348-54-9	BENZENAMINE, 2-FLURO	-	-	-
00350-46-9	1-FLUORO-4-NITRO-BENZENE	-	-	-
00352-11-4	BENZENE, 1-(CHLOROMETHYL)-4-FLUORO-	-	-	-
00352-87-4	TRIFLUOROETHYL METHACRYLATE, 2,2,2-	-	-	-
00352-93-2	DIETHYL SULFIDE	-	-	-
00353-42-4	BORON TRIFLUORIDE WITH METHYL ETHER (1:1	-	-	-
00353-50-4	**CARBONYL FLUORIDE**	**F2**	***FLUORIDE***	
00353-54-8	MTHANE TRIBROMOFLUORO	-	-	-
00353-59-3	BROMOCHLORODIFLUOROMETHANE	-	-	-
00354-33-6	PENTAFLUOROETHANE	-	-	-
00354-58-5	ETHANE,1,1,1-TRICHLORO-2,2,2-TRIFLUORO- C2	-	-	-
00355-42-0	HEXANE,TETRADECAFLUORO- C6F14	-	-	-
00359-06-8	FLUOROACETYL CHLORIDE	-	-	-
00359-35-3	1,1,2,2-TETRAFLUOROETHANE	-	-	-
00360-89-4	OCTAFLUORO-2-BUTENE	-	-	-
00363-72-4	PENTAFLUORO-BENZENE	-	-	-
00364-76-1	4-FLUORO-3-NITRO-BENZENAMINE	-	-	-
00367-12-4	2-FLUOROPHENOL	-	-	-
00367-25-9	2,4 FLUORO BENZENAMINE	-	-	-
00371-40-4	4-FLUOROBENZENAMINE	-	-	-
00371-62-0	ETHYLENE FLUOROHYDRIN	-	-	-
00372-09-8	ACETIC ACID, CYANO- C3H3NO2	-	-	-
00372-44-1	PHENOL COMPD WITH TRIFLUOROBORANE	-	-	-
00373-02-4	**NICKEL ACETATE**	**Ni**	**07440-02-0**	
00379-79-3	ERGOTAMINE TARTRATE	-	-	-
00382-21-8	**PERFLUOROISOBUTYLENE**			
00393-52-2	2-FLUORO-BENZOYL CHLORIDE	-	-	-
00409-21-2	**SILICON CARBIDE**			
00420-04-2	**CYANAMIDE**			
00420-05-3	**CYANIC ACID**	**CN**	**00057-12-5**	
00420-46-2	1,1,1, TRIFLUOROETHANE	-	-	-
00425-29-6	HEXANEDIAMIDE, N,N'-DICYCLOHEXYL-2233455-	-	-	-

00429-67-4	FLUOROSILICONE TETRAMER METHYL, TETRAK	-	-	-
00430-66-0	ETHANE, 1,1,2-TRIFLUORO C2H3F3	-	-	-
00431-03-8	**DIACETYL**			
00431-31-2	1,1,1,2,3-PENTAFLUOROPROPANE	-	-	-
00445-29-4	BENZOIC ACID,2-FLOURO	-	-	-
00446-35-5	2,4-DIFLUORO-1-NITRO-BENZENE	-	-	-
00460-00-4	BENZENE, 1-BROMO, 4-FLURO	-	-	-
00460-19-5	**CYANOGEN**		**00074-90-8**	
00461-58-5	GUANIDINE, CYANO- C2H4N4	-	-	-
00462-06-6	BENZENE, FLUORO-	-	-	-
00462-95-3	ETHANE 1,1'-[METHYLENE BIS (OXY)]BIS	-	-	-
00463-40-1	OCTADECATRIENOIC ACID	-	-	-
00463-49-0	PROPADIENE	-	-	-
00463-51-4	**KETENE**			
00463-58-1	**CARBONYL SULFIDE**			
00463-82-1	**DIMETHYLPROPANE**			
00465-73-6	**ISODRIN**			
00470-90-6	CHLORFENVINFOS	-	-	-
00471-34-1	CARBONIC ACID CALCIUM SALT (1:1) CH2O3.CA	-	-	-
00471-46-5	ETHANEDIAMIDE	-	-	-
00473-54-1	BICYCLO[3.1.1.]HEPTAN-2-OL,2,6,6 TRIMETYL	-	-	-
00474-86-2	ESTRA-1,3,5(10),7-TETRAEN-17-ONE, 3-HYDROX'	-	-	-
00477-30-5	COLCHINE,N-DEACETYL-N-METHYL	-	-	-
00479-27-6	1,8-NAPHTHALENEDIAMINE C10H10N2	-	-	-
00479-45-8	**TETRYL**			
00480-30-8	3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL	-	-	-
00482-54-2	GLYCINE, N,N'-1,2-CYCLOHEXANEDIYLBIS N-(CA	-	-	-
00482-89-3	3H-INDOL-3-1,2-(1,3-DIHYDRO-3-OXO-2H-INDOL-2	-	-	-
00484-11-7	2,9-DIMETHYL-1,10-PHENANTHROLINE	-	-	-
00490-17-5	1,3-CYCLOBUTANEDICARBOXYLIC ACID,2,4-DIPH	-	-	-
00495-54-5	1,3-BENZENEDIAMINE, 4-(PHENYLAZO)-	-	-	-
00496-11-7	1H-INDENE, 2,3-DIHYDRO- C9H10	-	-	-
00496-15-1	1H-INDOLE,2,3-DIHYDRO-	-	-	-
00497-18-7	CARBONIC DIHYDRIZIDE	-	-	-
00497-19-8	**SODIUM CARBONATE**		**01310-73-2**	
00497-26-7	1,3-DIOXOLANE,2-METHYL- C4H8O2	-	-	-
00502-39-6	METHYLMERCURIC DICYANAMIDE	-	-	-
00502-44-3	2-OXEPANONE	-	-	-
00503-01-5	5-HEPTEN-2-AMINE, N,6-DIMETHYL-	-	-	-
00504-24-5	PYRIDINE, 4-AMINO-	-	-	-
00504-29-0	**AMINOPYRIDINE, 2**			
00504-60-9	1,3-PENTADIENE	-	-	-
00504-63-2	1,3-PROPANEDIOL	-	-	-
00505-55-5	HENEICOSANEDIOIC ACID C21H40C4	-	-	-
00505-60-2	MUSTARD GAS	-	-	-
00505-73-7	ACETIC ACID, 2,2'-DITHIOBIS	-	-	-
00506-59-2	METHANAMINE,N-METHYL-,HYDROCHLORIDE	-	-	-

00506-61-6	POTASSIUM SILVER CYANIDE	-	-	-
00506-64-9	**SILVER CYANIDE**	**CN**	**00057-12-5**	
00506-65-0	**GOLD CYANIDE**	**CN**	**00057-12-5**	
00506-68-3	**CYANOGEN BROMIDE**		**00074-90-8**	
00506-77-4	**CYANOGEN CHLORIDE**		**00074-90-8**	
00506-78-5	IODINE CYANIDE	-	-	-
00506-87-6	CARBONIC ACID, DIAMMONIUM SALT CH203.2H3	-	-	-
00506-89-8	UREA,MONOHYDROCHLORIDE CH4N20.CLH	-	-	-
00507-20-0	PROPANE, 2-CHLORO-2-METHYL-	-	-	-
00509-14-8	**TETRANITROMETHANE**			
00510-15-6	ETHYL 4,4'-DICHLOROBENZILATE	-	-	-
00513-44-0	1-PROPANETHIOL, 2-METHYL	-	-	-
00513-77-9	CARBONIC ACID BARIUM SALT (1:1) (BARIUM CA	-	-	-
00513-78-0	CARBONIC ACID, CADMIUM SALT (1:1)	-	-	-
00513-79-1	**COBALT CARBONATE**	**Co**	**07440-48-4**	
00513-86-0	**ACETOIN**		**00078-93-3**	
00514-10-3	PHENANTHRENECARBOXYLIC ACID,DECAHYDR	-	-	-
00514-73-8	DITHIAZANINE IODIDE	-	-	-
00515-74-2	BENZENESULFONIC ACID, 4-AMINO-, SODIUM SA	-	-	-
00517-23-7	2(3H)-FURANONE,3-ACETYLDIHYDRO-	-	-	-
00518-47-8	SPIRO(ISOBENZOFURANXANTHEN)ONE, DIHYDF	-	-	-
00519-73-3	BENZENE, 1,1',1"-METHYLIDYNETRIS-	-	-	-
00526-73-8	**TRIMETHYLBENZENE, 1, 2, 3**			
00526-83-0	TARTARIC ACID	-	-	-
00526-95-4	GLUCONIC ACID	-	-	-
00527-07-1	D-GLUCONIC ACID, MONOSODIUM SALT C6HI207	-	-	-
00527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL- C10H14	-	-	-
00527-60-6	TRIMETHYL PHENOL, 2,4,6-	-	-	-
00528-29-0	**DINITROBENZENE**			
00529-20-4	O-TOLUALDEHYDE	-	-	-
00532-27-4	**CHLOROACETOPHENONE, 2**			
00532-32-1	SODIUM BENZOATE C7H6O2.NA	-	-	-
00532-43-4	THIAMINE NITRATE C12H17N4OS.NO3	-	-	-
00533-74-4	RO-1,3,5-2H-THIADIAZINE-2-THIONE	-	-	-
00533-96-0	SODIUM SESQUICARBONATE	-	-	-
00534-07-6	BIS(CHLOROMETHYL) KETONE	-	-	-
00534-15-6	DIMETHOXYETHANE, 1,1- C4H10O2	-	-	-
00534-16-7	CARBONIC ACID, SILVER(1+) SALT	-	-	-
00534-17-8	CARBONIC ACID, CESIUM SALT	-	-	-
00534-22-5	**METHYLFURAN,2-**		**00107-02-8**	
00534-52-1	**DINITRO-O-CRESOL**			
00535-89-7	CRIMIDINE	-	-	-
00536-60-7	BENZENEMETHANOL, 4-(1-METHYLETHYL)- C10	-	-	-
00538-07-8	ETHYLBIS(2-CHLOROETHYL)AMINE	-	-	-
00538-75-0	CYCLOHEXANEAMINE, N,N' METHANETETRAYLB	-	-	-
00540-59-0	**DICHLOROETHYLENE, 1, 2**			
00540-63-6	1,2-ETHANEDITHIOL C2H6S2	-	-	-

00540-67-0	ETHANE, METHOXY-	-	-	-
00540-72-7	THIOCYANIC ACID, SODIUM SALT CHNS.NA	-	-	-
00540-73-8	1,2DIMETHYL HYDRAZIN	-	-	-
00540-84-1	**ISO-OCTANE**			
00540-88-5	**BUTYL ACETATE, TERT-**			
00540-97-6	CYCLOHEXASILOXANE,DODECAMETHYL- C12H	-	-	-
00541-01-5	HEXADECAMETHYLHEPTASILOXANE	-	-	-
00541-02-6	**DECAMETHYLCYCLOPENTANE**			
00541-05-9	HEXAMETHYLCYCLOTRISILOXANE	-	-	-
00541-25-3	LEWISITE	-	-	-
00541-41-3	ETHYL CHLOROFORMATE	-	-	-
00541-53-7	DITHIOBIUREY	-	-	-
00541-73-1	**DICHLOROBENZENE, meta**			
00541-85-5	**METHYL HEPTANONE**			
00542-16-5	BENZENAMINE, SULFATE (2:1) C6H7N.1/2H2O4S	-	-	-
00542-59-6	1,2-ETHANEDIOL,MONOACETATE	-	-	-
00542-62-1	**BARIUM CYANIDE**	**C2N2**	**00057-12-5**	
00542-69-8	BUTANE, 1-IODO-	-	-	-
00542-75-6	**DICHLOROPROPENE, 1, 3**			
00542-76-7	PROPANENITRILE, 3-CHLORO	-	-	-
00542-83-6	**CADMIUM CYANIDE**		**07440-43-9**	
00542-83-6	**CADMIUM CYANIDE**	**C2N2**	**00057-12-5**	
00542-88-1	**BIS (CHLOROMETHYL) ETHER**			
00542-90-5	ETHYL THIOCYANATE	-	-	-
00542-92-7	**CYCLOPENTADIENE, 1, 3**			
00543-27-1	ISOBUTYL CHLORO FORMATE	-	-	-
00544-01-4	BUTANE, 1,1'-OXYBIS[3-METHYL-	-	-	-
00544-10-5	1-CHLOROHEXANE	-	-	-
00544-16-1	N-BUTYL NITRATE	-	-	-
00544-76-3	HEXADECANE	-	-	-
00544-92-3	**COPPER CYANIDE**	**CN**	**00057-12-5**	
00545-06-2	TRICHLOROACETONITRILE	-	-	-
00546-68-9	2-PROPANOL,TITANIUM (4+)SALT (9CI)	-	-	-
00546-89-4	LITHIUM ACETATE	-	-	-
00546-93-0	CARBONIC ACID, MAGNESIUM SALT	-	-	-
00548-62-9	METHANIMIUM	-	-	-
00551-16-6	4-THIA-1-AZABICYCLO 3.2.0 HEPTANE-2-CARBO	-	-	-
00552-30-7	**TRIMELLITIC ANHYDRIDE**			
00554-07-4	**GOLD POTASSIUM CYANIDE**	**C2N2**	**00057-12-5**	
00554-13-2	CARBONIC ACID, DILITHIUM SALT	-	-	-
00554-14-3	THIOPHENE, 2-METHYL-	-	-	-
00554-15-4	1H-PYRROLE, 2,5,-DIHYRO-1-METHYL	-	-	-
00555-31-7	2-PROPANOL, ALUMINUM SALT	-	-	-
00555-77-1	TRIS(2-CHLOROETHYL)AMINE (C6H12CL3N)	-	-	-
00556-52-5	**GLYCIDOL**			
00556-61-6	METHYL ISOTHIOCYANATE (C2H3NS)	-	-	-
00556-64-9	THIOCYANATOMETHANE (C2H3NS)	-	-	-

00556-67-2	**METHYL TETRAMER**			
00556-69-4	OCTADECAMETHYLOCTASILOXANE	-	-	-
00557-04-0	OCTADECANOIC ACID, MAGNESIUM SALT C18H	-	-	-
00557-05-1	**ZINC STEARATE**			
00557-08-4	ZINC UNDECYLENATE	-	-	-
00557-19-7	**NICKEL CYANIDE**	**C2N2**	**00057-12-5**	
00557-20-0	ZINC, DIETHYL	-	-	-
00557-21-1	**ZINC CYANIDE**	**C2N2**	**00057-12-5**	
00557-34-6	ACETIC ACID, ZINC SALT C2H4O2.1/3ZN	-	-	-
00557-98-2	2-CHLOROPROPYLENE	-	-	-
00558-13-4	**CARBON TETRABROMIDE**			
00558-25-8	METHANESULFONYL FLUORIDE (CH3FO2S)	-	-	-
00558-37-2	3,3-DIMETHYLBUTENE	-	-	-
00559-40-0	OCTAFLUOROCYCLOPENTENE	-	-	-
00560-21-4	TRIMETHYL PENTANE, 2,2,3-	-	-	-
00563-12-2	**ETHION**			
00563-41-7	SEMICARBAZIDE MONOHYDROCHLORIDE	-	-	-
00563-43-9	ALUMINIUM, DICHLOROETHYL	-	-	-
00563-45-1	1-BUTENE, 3-METHYL- C5H10	-	-	-
00563-46-2	2-METHYL-1-BUTENE	-	-	-
00563-54-2	PROPENE, 1,2-DICHLORO-1- C3H4CL2	-	-	-
00563-58-6	1,1-DICHLOROPROPENE	-	-	-
00563-68-8	**THALLIUM ACETATE**			
00563-79-1	2,3-DIMETHYL-2-BUTENE	-	-	-
00563-80-4	**METHYLISOPROPYL KETONE**			
00565-75-3	PENTANE, 2,3,4 TRIMETHYL	-	-	-
00565-80-0	3-PENTANONE-2,4 DIMETHYL	-	-	-
00569-64-2	MALACHITE GREEN	-	-	-
00575-41-7	1,3-DIMETHYLNAPHTHALENE	-	-	-
00575-43-9	1,6-DIMETHYLNAPHTHALENE	-	-	-
00576-26-1	PHENOL, 2,6-DIMETHYL-	-	-	-
00577-11-7	SODIUM DIOCTYL SULFOSUCCINATE C20H38O7	-	-	-
00582-16-1	2,7-DIMETHYLNAPHTHALENE	-	-	-
00583-60-8	**METHYLCYCLOHEXANON, ortho**			
00584-02-1	3-PENTANOL	-	-	-
00584-03-2	1,2-BUTANEDIOL	-	-	-
00584-08-7	CARBONIC ACID, DIPOTASSIUM SALT	-	-	-
00584-79-2	CYCLOPROPANECARBOXYLIC ACID,2,2-DIMETH	-	-	-
00584-84-9	**TOLUENE 2,4 DIISOCYANATE**		**26471-62-5**	
00585-34-2	PARATERTIANYLBUTYL PHENOL	-	-	-
00586-61-8	BENZENE, 1-BROMO-4-(1-METHYLETHYL)- C9H1	-	-	-
00586-76-5	4-BROMOBENZOIC ACID	-	-	-
00587-85-9	**DIPHENYL MERCURY**			
00589-35-5	3-METHYL-1-PENTANOL	-	-	-
00590-01-2	BUTYL PROPIONATE	-	-	-
00590-18-1	**BUTENE, cis-2**			
00590-21-6	1-CHLOROPROPYLENE	-	-	-

00590-28-3	**POTASSIUM CYANATE**	**CN**	**00057-12-5**	
00590-29-4	FORMIC ACID POTATASSIUM SALT	-	-	-
00590-35-2	PENTANE, 2,2-DIMETHYL- C7H16	-	-	-
00590-36-3	2-PENTANOL,2-METHYL-	-	-	-
00590-46-5	METHANAMINIUM,1-CARBOXY-N,N,N-TRIMETHYL	-	-	-
00591-27-5	PHENOL, 3-AMINO- C6H7NO	-	-	-
00591-68-4	PENTANOIC ACID BUTYL ESTER	-	-	-
00591-78-6	**METHYL BUTYL KETONE**			
00592-01-8	**CALCIUM CYANIDE**	**C2N2**		
00592-41-6	**HEXENE, 1**			
00592-82-5	BUTANE,1-ISOTHIOCYANATO	-	-	-
00592-84-7	FORMIC ACID BUTYL ESTER	-	-	-
00593-29-3	OCTADECANOIC ACID, POTASSIUM SALT C18H3	-	-	-
00593-53-3	METHYL FLUORIDE	-	-	-
00593-60-2	**VINYL BROMIDE**			
00594-20-7	2,2-DICHLOROPROPANE	-	-	-
00594-42-3	**PERCHLORMETHYL MERCAPTAN**			
00594-61-6	PROPANOIC ACID, 2-HYDROXY-2-METHYL-	-	-	-
00594-72-9	**DICHLORONITROETHANE**			
00596-03-2	FLUOROSCEIN DIBROMO	-	-	-
00597-64-8	TETRAETHYLSTANNANE (C8H2OSN)	-	-	-
00598-21-0	ACETYL BROMIDE, BROMO	-	-	-
00598-25-4	3-METHYL-1,2-BUTADIENE	-	-	-
00598-31-2	1-BROMO-2-PROPANONE	-	-	-
00598-56-1	ETHANAMINE,N,N-DIMETHYL-	-	-	-
00598-62-9	**CARBONIC ACID, Mn SALT**	**Mn**	**07439-96-5**	
00598-63-0	**LEAD CARBONATE**	**Pb**	**07439-92-1**	
00598-73-2	BROMOTRIFLUOROETHYLENE	-	-	-
00598-78-7	**CHLOROPROPIONIC ACID, 2**			
00599-64-4	P-CUMYL PHENOL	-	-	-
00600-25-9	**CHLORO NITROPROPANE**			
00602-87-9	ACENAPTHYLENE,1,2,DIHYDRO-5-NITRO	-	-	-
00603-32-7	**TRIPHENYL ARSINE**	**As**	**07440-38-2**	
00603-34-9	**TRIPHENYL AMINE**			
00603-35-0	TRIPHENYL PHOSPHINE	-	-	-
00603-48-5	BENZENAMINE, 4,4',4''-METHYLIDYNETRIS [N,N-D	-	-	-
00606-12-2	DIHYDROXYBENZOPHENONE	-	-	-
00606-20-2	2,6-DINITROTOLUENE	-	-	-
00608-33-3	PHENOL, 2,6, DIBROMO	-	-	-
00608-73-1	**LINDANE-TECHNICAL**			
00608-93-5	**PENTACHLOROBENZENE**			
00609-72-3	BENZENAMINE,N,N,2-TRIMETHYL- C9H13N	-	-	-
00611-02-9	1-PROPANONE, 2-METHYL-1-PHENYL-	-	-	-
00611-15-4	BENZENE, 1-ETHENYL-2-METHYL-	-	-	-
00611-19-8	BENZENE,1-CHLORO-2-(CHLOROMETHYL)-	-	-	-
00612-25-9	2-NITROBENZYL ALCOHOL	-	-	-
00612-83-9	3,3'-DICHLORBENZIDINE DIHYDROCHLORIDE	-	-	-

00613-48-9	BENENAMINE,N,N-DIETHYL-4-METHYL- C11H17N	-	-	-
00614-45-9	BENZENECARBOPEROXOICACID,1,1-DIMETHYLE	-	-	-
00614-78-8	THIOUREA, (2-METHYLPHENYL)- (C8H10N2S)	-	-	-
00616-30-8	1,2-PROPANEDIOL, 3-AMINO-,	-	-	-
00616-38-6	DIMETHYL CARBONATE	-	-	-
00616-44-4	THIOPHENE, 3-METHYL	-	-	-
00616-45-5	2-PYRROLIDINONE	-	-	-
00617-12-9	15CYCHEXDIENECARBACID,3((1CARBETHENYL)(	-	-	-
00617-35-6	ETHYL 2-OXOPROPIONATE	-	-	-
00617-94-7	PHENYL,2- 2-PROPANOL	-	-	-
00620-11-1	**AMYL ACETATE, 3**			
00621-56-7	1,2, PROPANEDIOL, 3-(DIETHYLAMINO)	-	-	-
00621-64-7	1-PROPANAMINE, N-NITROSO-N-PROPYL-	-	-	-
00622-08-2	**ETHANOL, 2 (PHENYLMETHOXY)**		**00110-80-5**	
00622-96-8	BENZENE,1-ETHYL-4-METHYL-	-	-	-
00622-97-9	PARA-METHYL STYRENE	-	-	-
00623-05-2	BENZENEMETHANOL, 4-HYDROXY-	-	-	-
00623-15-4	BUTEN-2-ONE, 4-(2-FURANYL)-3- C8H8O2	-	-	-
00624-41-9	**METHYLBUTYLACETATE, 2**			
00624-48-6	2-BUTENEDOIC ACID (Z)-, DIMETHYL ESTER	-	-	-
00624-54-4	PROPANOIC ACID, PENTYL ESTER	-	-	-
00624-64-6	**BUTENE, 2 - trans**			
00624-83-9	**METHYL ISOCYANATE**			
00624-89-5	ETHANE,(METHYLTHIO)- C3H8S	-	-	-
00624-92-0	**DIMETHYL DISULFIDE**			
00625-16-1	**AMYL ACETATE, tert-**			
00625-31-0	**PENTEN-2-OL, 4**		**00107-18-6**	
00625-33-2	3-PENTENE - 2 ONE	-	-	-
00625-55-8	FORMIC ACID, ISOPROPYL ESTER (C4H8O2)	-	-	-
00625-86-5	2,5-DIMETHYLFURAN	-	-	-
00626-17-5	**PHTHALODINITRILE, meta**			
00626-38-0	**AMYL ACETATE, SEC-**			
00626-60-8	PYRIDINE,3-CHLORO-	-	-	-
00626-86-8	HEXANEDIOIC ACID, MOMETHYL ESTER	-	-	-
00627-11-2	CHLOROETHYL CHLOROFORMATE (C3H4CL2O2)	-	-	-
00627-13-4	**PROPYL NITRATE, N-**			
00627-20-3	PENTENE, CIS-2- (Z)	-	-	-
00627-54-3	ETHANE, 1,1'-TELLUROBIS C4H10TE	-	-	-
00627-73-6	2-BUTANEDIOIC ACID, ETHYL METHYL ESTER	-	-	-
00627-93-0	HEXANEDIOIC ACID, DIMETHYL ESTER	-	-	-
00628-63-7	**AMYL ACETATE, N-**			
00628-96-6	**ETHYLENEGLYCOL DINITRATE**			
00629-11-8	1,6-HEXANEDIOL	-	-	-
00629-14-1	**ETHYLENE GLYCOL DIMETHYL**		**00109-86-4**	
00629-20-9	1,3,5,7-CYCLOOCTATETRAENE	-	-	-
00629-38-9	**DIETHYLENE GLYCOL METHYL**		**00110-80-5**	
00629-50-5	**TRIDECANE**		**00110-54-3**	

00629-62-9	PENTADECANE	-		-	-
00629-70-9	1-HEXADECANOL, ACETATE	-		-	-
00629-73-2	1-HEXADECENE	-		-	-
00630-08-0	**CARBON MONOXIDE**				
00630-10-4	**SELENOUREA**		**Se**	**07782-49-2**	
00630-20-6	1,1,1,2-TETRACHLOROETHANE	-		-	-
00630-60-4	3-((6-DEOXY-ALPHA-L-MANNOPYRANOSYL)OXY)	-		-	-
00631-61-8	ACETIC ACID, AMMONIUM SALT	-		-	-
00633-03-4	ETHANAMINIUM, N- 4- 4-(DIETHYLAMINO)PHENY	-		-	-
00636-30-6	2,4,5-TRICHLOROANILINE C6H4CL3N	-		-	-
00637-03-6	ARSINE, OXOPHENYL	-		-	-
00637-12-7	OCTADECANOIC ACID, ALUMINUM SALT	-		-	-
00637-92-3	**ETBE**				
00638-02-8	THIOPHENE, 2,5-DIMETHYL	-		-	-
00638-21-1	**PHENYLPHOSPHINE**			**07803-51-2**	
00638-37-9	SUCCINALDEHYDE	-		-	-
00639-58-7	TRIPHENYLTIN CHLORIDE (C18H15CLSN)	-		-	-
00640-15-3	PHOSPHORODITHIOTIC ACID,S-(2-(ETHYLTHIO)E	-		-	-
00640-19-7	ACETAMIDE, 2-FLUORO- (C2H4FNO)	-		-	-
00643-28-7	N-ISOPROPYLANILINE	-		-	-
00644-64-4	DIMETHYLCARBAMATE,1-DIMETHYLCARBAMOYI	-		-	-
00644-97-3	PHOSPHONOUS DICHLORIDE, PHENYL	-		-	-
00646-04-8	PENTENE, TRANS-2- (E)	-		-	-
00646-06-0	**DIOXOLANE**				
00651-55-8	ESTRA-1,3,5(10),7-TETRAENE-3,17-DIOL,(17ALPH	-		-	-
00670-96-2	IMIDAZOLE, 2-PHENYL- C9H8N2	-		-	-
00675-14-9	S-TRIAZINE, 2,4,6-TRIFLUORO- (C3F3N3)	-		-	-
00675-62-7	SILANE, DICHLOROMETHYL(3,3,3-TRIFLUOROPR	-		-	-
00676-97-1	METHYL PHOSPHONIC DICHLORIDE (CH3CL2OP	-		-	-
00677-21-4	3,3,3 TRIFLUOROPROPENE C3H3F3	-		-	-
00680-31-9	PHOSPHORIC TRIAMIDE, HEXAMETHYL	-		-	-
00681-84-5	**METHYL SILICATE**				
00682-01-9	SILICIC ACID, TETRAPROPYL ESTER-	-		-	-
00682-30-4	PHOSPORIC ACID, ETHENYL, DIETHYL ESTER	-		-	-
00683-18-1	STANNANE, DIBUTYLDICHLORO	-		-	-
00684-16-2	**HEXAFLUOROACETONE**				
00684-93-5	NITROSO-N-METHYLUREA	-		-	-
00685-63-2	HEXAFLUORO-1,3-BUTADIENE	-		-	-
00686-31-7	HEXANEPEROXOIC ACID, 2-ETHYL-,1,1-DIMETHY	-		-	-
00687-47-8	PROPANOIC ACID, 2 HYDROXY-, ETHYLE ESTER	-		-	-
00688-84-6	**ET HEXYLMETHACRYLATE**			**00096-33-3**	
00689-97-4	VINYL ACETYLENE	-		-	-
00691-38-3	2-PENTENE 4-METHYL	-		-	-
00693-36-7	DISTEARYL THIOPROPIONATE	-		-	-
00693-98-1	1H-IMIDAZOLE, 2-METHYL- (9CI)	-		-	-
00694-83-7	DIAMINOCYCLOHEXANE, 1, 2	-		-	-
00696-28-6	**PHENYL DICHLOROARSINE**		**As**	**07440-38-2**	

00707-18-6	GLUTARAMIC ACID, 4-HYDROXY-4-(TRIFLUOROM	-	-	-
00716-79-0	1H-BENZIMIDAZOLE, 2-PHENYL-	-	-	-
00723-46-6	BENZENESULFONAMIDE,4-AMINO-N-(5-METHYL-	-	-	-
00730-40-5	BENZENAMINE, 4-[(4-NITROPHENYL)AZO]	-	-	-
00732-11-6	PHTHALIMIDIOMETHYLDITHIOPHOSPHATE, O,O-	-	-	-
00738-70-5	2,4,-PYRIMIDINEDIAMINE,5-[(3,4,5,-TRIMETHOXYI	-	-	-
00754-12-1	2,3,3,3-TETRAFLUOROPROPENE	-	-	-
00756-79-5	DIMETHYL METHYLPHOSPHONATE	-	-	-
00760-67-8	ETHYL,2- HEXANOYL CHLORIDE	-	-	-
00760-93-0	METHACRYLIC ANHIDRIDE (C8H10O3)	-	-	-
00762-04-9	PHOSPORIC ACID, DIETHYL ESTER	-	-	-
00762-12-9	PEROXIDE, BIS(1-OXODECYL) C20H38O4	-	-	-
00763-69-9	**ETHYL ETHOXY PROPION**		**00111-15-9**	
00764-13-6	2,5-DIMETHYL-2,4-HEXADIENE	-	-	-
00764-41-0	**DICHLORO-2-BUTENE, 1, 4**			
00764-71-6	OCTANOIC ACID, POTASSIUM SALT	-	-	-
00765-34-4	OXIRANECARBOXALDEHYDE C3H402	-	-	-
00768-52-5	**ISOPROPYLANILINE, N-**			
00770-35-4	2-PROPANOL,1-PHENOXY-	-	-	-
00771-61-9	PENTAFLUOROPHENOL	-	-	-
00784-38-3	BENZOPHENONE, 2-AMINO-5-CHLORO-2'-FLUOR	-	-	-
00786-19-6	PHOSPHORODITHIOATE,S-(((P-CHLOROPHENYL	-	-	-
00791-28-6	TRIPHENYLPHOSPHINE OXIDE	-	-	-
00804-63-7	CINCHONAN-9-OL,6'-METHOXY-,(8.ALPHA.,9R)-,S	-	-	-
00811-97-2	**TETRAFLUOROETHANE**			
00814-49-3	DIETHYL CHLOROPHOSPHATE (C4H10CLO3P)	-	-	-
00814-68-6	CHLORIDE, S-PROPENOYL (C3H3CLO)	-	-	-
00814-80-2	PROPANOIC ACID, 2-HYDROXY-, CALCIUM SALT	-	-	-
00818-08-6	STANNANE, DIBUTYLOXO- C8 H18 O SN	-	-	-
00818-61-1	2-PROPENOIC ACID, 2-HYDROOXYETHYL ESTER	-	-	-
00822-06-0	**HEXAMETHYLENE DIISOCYANATE**		**26471-62-5**	
00822-16-2	OCTADECANOIC ACID, SODIUM SALT	-	-	-
00824-11-3	TRIMETHYLOLPROPANE PHOSPHITE (C6H11O3P	-	-	-
00828-00-2	2,4-DIMETHYL-6-ACETOXY-1,3-DIOXANE	-	-	-
00830-08-0	ISOXAZOLE, 5-METHYL-3-(2-(1-PYRROLIDINYL)ET	-	-	-
00837-08-1	2,4'-BISPHENOL A	-	-	-
00838-85-7	PHOSPHORIC ACID, DIPHENYL ESTER	-	-	-
00839-90-7	1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE,1,3,5-TRI	-	-	-
00843-55-0	4,4'-CYCLOHEXYLIDENEBISPHENOL	-	-	-
00853-68-9	ANTHRAQUINONE-2,6 DISULFONIC ACID DISODII	-	-	-
00860-22-0	1H INDOLE-5-SULFONIC ACID,DIHYDOXOSULFIN	-	-	-
00865-21-4	VINBLASTINE SULFATE	-	-	-
00865-52-1	GERMANIUM TETRAMETHYL	-	-	-
00866-84-2	1,2,3-PROPANETRICARBOXYLIC ACID,2-HYDROX	-	-	-
00868-18-8	BUTANEDIOIC ACID, 2,3-DIHYDROXY-, DISODIUM	-	-	-
00868-77-9	HYDROXYETHYL METHACRYLATE, 2-	-	-	-
00870-72-4	SODIUM FORMALDEHYDE BISULFITE CH4O4S.N	-	-	-

00872-05-9	DECENE, 1- C10H20	-	-	-
00872-50-4	**METHYL PYRROLIDONE**			
00872-55-9	THIOPHENE, 2-ETHYL	-	-	-
00873-94-9	TRIMETHYL CYCLOHEXANONE,3,3,5-	-	-	-
00875-74-1	BENZENEACETIC ACID, A-AMINO-,(R)- C8H9NO2	-	-	-
00877-24-7	1,2-BENZENEDICARBOXYLIC ACID, MONOPOTAS	-	-	-
00915-67-3	27NAPHTHDISULFONACID3HYDROX4(4SULF1NA	-	-	-
00917-61-3	**SODIUM CYANATE**	**CN**	**00057-12-5**	
00919-30-2	**AMINOPROPYL TRIETHOXY SIL**		**07803-62-5**	
00919-86-8	**DEMETON-S-METHYL**			
00920-46-7	METHACRYLOYL CHLORIDE	-	-	-
00920-66-1	1,1,1,3,3,3-HEXAFLUORO-2-PROPANOL C3H2F6(	-	-	-
00923-34-2	**INDIUM, TRIETHYL**			
00924-16-3	**NITROSO-N-BUTYLAMINE**			
00924-42-5	N-(HYDROXYMETHYL)ACRYLAMIDE	-	-	-
00925-06-4	BUTANEDIOIC ACID, BIS(2-METHYLPROPYL)EST	-	-	-
00926-63-6	N,N-DIMETHYLPROPYLAMINE	-	-	-
00927-62-8	1-BUTANAMINE, N,N-DIMETHYL-	-	-	-
00928-65-4	SILANE,TRICHLORO HEXYL	-	-	-
00929-06-6	ETHANOL, 2-(2-AMINOETHOXY)	-	-	-
00930-28-9	CYCLOPENTANE CHLORIDE	-	-	-
00930-55-2	**NITROSOPYRROLIDINE**			
00931-36-2	1H-IMIDAZOLE,2-ETHYL-4-METHYL	-	-	-
00934-53-2	1 CHLORO 1METHYLETHYL BENZENE	-	-	-
00944-22-9	**FONOFOS**			
00947-02-4	IMIDOCARBONIC ACID, PHOSPHONODITHIO-, CY	-	-	-
00947-04-6	LAURYL LACTAM	-	-	-
00947-19-3	METHANONE, (1-HYDROXYCYCLOHEXYL)PHENY	-	-	-
00950-10-7	1,3-DITHIOLANE, 2-(DIETHOXYPHOSPHINYLIMIN(	-	-	-
00950-37-8	DITHIOPHOSPHATE, O,O-DIMETHYL S (5-METHO	-	-	-
00959-26-2	BIS(2-HYDROXYETHYL) TEREPHTHALATE C12H	-	-	-
00980-26-7	QUINO ACIDRINE DIONE,DIHYDRO,DIMETHYL MI	-	-	-
00991-42-4	5-NORBORENE-2,3-DICARBOXAMIDE, 5-(ALPHA-I	-	-	-
00992-94-9	METHYL,SILANE	-	-	-
00993-07-7	SILANE, TRIMETHYL-	-	-	-
00994-05-8	**AMYL METHYL ETHER, tert**			
00995-33-5	N-BUTYL-4,4-BIS(T-BUTYLPEROXY)VALERATE	-	-	-
00996-35-0	2-PROPANAMINE, N,N-DIMETHYL	-	-	-
00996-50-9	SILANAMINE, N,N-DIETHYL-1,1,1-TRIMETHYL-	-	-	-
00998-30-1	SILANE, TRIETHOXY	-	-	-
00999-21-3	BUTENEDIOIC ACID(Z)-, DI-2-PROPENYL ESTER,	-	-	-
00999-61-1	**HYDROXY PROPYLACRYLATE**			
00999-81-5	CHLORIDE, (2-CHLORETHYL)TRIMETHYLAMMON	-	-	-
00999-97-3	HEXAMETHYLDISILAZANE	-	-	-
01003-38-9	FURAN, TETRAHYDRO-2,5-DIMETHYL-	-	-	-
01024-57-3	**HEPTACHLOR EPOXIDE**			
01025-15-6	TRIALLYL ISOCYANURATE	-	-	-

01031-47-6	PHOSPHONIC DIAMIDE,P-(5-AMINO-3-PHENYL-1H	-	-	-
01047-16-1	QUINO,ACIDRINE,DIONE DIHYDRO MIX	-	-	-
01066-33-7	CARBONIC ACID, MONOAMMONIUM SALT (8CI9C	-	-	-
01066-35-9	SILANE,CHLORODIMETHYL	-	-	-
01066-45-1	TRIMETHYLTIN CHLORIDE (C3H9CLSN)	-	-	-
01067-33-0	STANNANE, BIS(ACETYLOXY)DIBUTYL-	-	-	-
01067-53-4	2,5,7,10-TETRAOXY-6-SILAUNDECANE,6-ETHENY	-	-	-
01068-27-5	2,5-DIMETHYL-2,5 DI(TERT-BUTYLPEROXY) HEX\	-	-	-
01070-10-6	1-HEXANOL, 2-ETHYL-, TITANIUM(4+) SALT	-	-	-
01070-71-9	PROPIOLONITRILE	-	-	-
01070-78-6	1,1,1,3 TETRACHLOROPROPANE C3H4CL4	-	-	-
01072-52-2	1,AZIRIDINE-ETHANOL	-	-	-
01072-63-5	1H-IMIDAZOLE, 1-ETHENYL- C5H6N2	-	-	-
01072-85-1	BENZENE,1-BROMO-2-FLURO	-	-	-
01073-06-9	BENZENE, 1-BROMO-3-FLURO	-	-	-
01076-38-6	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY- C9H6O	-	-	-
01079-66-9	PHOSPHINOUS CHLORIDE, DIPHENYL	-	-	-
01087-21-4	1,3-BENZENECARBOXILIC ACID, DI-2-PROPENYL	-	-	-
01103-38-4	1-NAPHTHALENESULFONIC ACID,2-((2-HYDROXY	-	-	-
01111-74-6	SILANE, DIMETHYL	-	-	-
01112-39-6	SILANE, DIMETHOXYDIMETHYL	-	-	-
01113-55-9	ACETAMIDE, 2-BROMO-2-CYANO-	-	-	-
01115-11-3	2-BUTENAL,2-METHYL	-	-	-
01115-20-4	PROPANIC ACID 3 HYDROXIC, 2, 2, DIMETHYL	-	-	-
01115-99-7	GALLIUM, TRIETHYL	-	-	-
01116-54-7	N-NITROSODIETHANOLAMINE	-	-	-
01119-40-0	GLUTARIC ACID, DIMETHYL ESTER	-	-	-
01119-62-6	PROPANOIC ACID, 3,3' DITHIOSBIS	-	-	-
01120-21-4	UNDECANE C11H24	-	-	-
01120-36-1	**TETRADECENE, 1**		**00110-54-3**	
01120-56-5	METHYLENECYCLOBUTANE	-	-	-
01120-71-4	**PROPANE SULTONE**			
01122-58-3	4-PYRIDINAMINE, NN DIMETHYL	-	-	-
01122-60-7	CYCLOHEXANE, NITRO-(C6H11NO2)	-	-	-
01124-11-4	TETRAMETHYLPYRAZINE	-	-	-
01124-33-0	PYRIDINE, 4-NITRO, 1-OXIDE (C5H4N2O3)	-	-	-
01129-41-5	CARBAMIC ACID,METHYL-, MTOLYL-ESTER (C9H	-	-	-
01153-05-5	**TRIPHENYL As OXIDE**	**As**	**07440-38-2**	
01163-19-5	BENZENE, 1,1'OXYBIS[2,3,4,5,6, PENTABROMO	-	-	-
01185-55-3	**METHYLTRIMETHOXYSILANE**		**07803-62-5**	
01189-71-5	SULFURYL CHLORIDE ISOCYANATE	-	-	-
01189-85-1	**BUTYL CHROMATE, TERT**	**Cr**	**18540-29-9**	
01189-93-1	TRISILOXANE, 1,1,3,3,5,5-HEXAMETHYL-	-	-	-
01215-57-2	BIS O-TOLYL CARBODIIMIDE	-	-	-
01241-94-7	PHOSPHORIC ACID, 2-ETHYLHEXYL DIPHENYL E	-	-	-
01248-18-6	1-NAPHTHALENESULFONIC ACID,2- (2-HYDROXY	-	-	-
01300-71-6	PHENOL, DIMETHYL-	-	-	-

01300-72-7	SODIUM XYLENE SULFONATE	-		-	-
01300-73-8	**XYLIDINE**				
01302-42-7	SODIUM ALUMINATE	-		-	-
01302-67-6	SPINEL (MG(A1O2)2)	-		-	-
01302-76-7	KYANITE	-		-	-
01302-78-9	BENTONITE CLAY	-		-	-
01302-93-8	MULLITE(AL6O5(SIO4)2	-		-	-
01303-00-0	**GALLIUM ARSENIDE**		**As**	**07440-38-2**	
01303-28-2	**ARSENIC PENTOXIDE**		**As2**	**07440-38-2**	
01303-86-2	**BORON OXIDE**				
01303-96-4	**BORATES,DECAHYDRATE**				
01304-28-5	BARIUM OXIDE BAO	-		-	-
01304-29-6	BARIUM PEROXIDE BAO2	-		-	-
01304-56-9	**BERYLLIUM OXIDE**		**Be**	**07440-41-7**	
01304-76-3	BISMUTH OXIDE BI2O3	-		-	-
01304-82-1	**BISMUTH TELLURIDE**			**Bi2Te3*und**	
01305-62-0	**CALCIUM DIHYDROXIDE**				
01305-78-8	**CALCIUM OXIDE**				
01305-79-9	CALCIUMPEROXIDE CAO2	-		-	-
01306-19-0	**CADMIUM OXIDE**		**Cd**	**07440-43-9**	
01306-23-6	**CADMIUM SULFIDE**		**Cd**	**07440-43-9**	
01306-24-7	**CADMIUM SELENIDE**		**Cd**	**07440-43-9**	
01306-38-3	CERIUM OXIDE CEO2	-		-	-
01307-96-6	**COBALT OXIDE**		**Co**	**07440-48-4**	
01308-06-1	COBALT OXIDE	-		-	-
01308-13-0	**ZINC CHROMATE**		**Cr**	**18540-29-9**	
01308-14-1	**CHROMIUM HYDROXIDE**		**Cr**	**16065-83-1**	
01308-31-2	FERROCHROMITE III	-		-	-
01308-38-9	**CHROMIUM OXIDE**		**Cr2**	**16065-83-1**	
01309-32-6	CRYPTOHALITE	-		-	-
01309-33-7	IRON HYDROXIDE (FE(OH)3)	-		-	-
01309-36-0	PYRITE (FES2)	-		-	-
01309-37-1	**IRON OXIDE**				
01309-38-2	MAGNETITE (FE3O4) FE3O4	-		-	-
01309-42-8	MAGNESIUM HYDROXIDE	-		-	-
01309-48-4	**MAGNESIUM OXIDE**				
01309-60-0	**LEAD OXIDE**		**Pb**	**07439-92-1**	
01309-64-4	**ANTIMONY TRIOXIDE**		**Sb2**		
01310-43-6	IRON PHOSPHIDE	-		-	-
01310-53-8	GERMANIUM (IV) OXIDE	-		-	-
01310-58-3	**POTASSIUM HYDROXIDE**				
01310-65-2	LITHIUM HYDROXIDE	-		-	-
01310-73-2	**SODIUM HYDROXIDE**				
01310-97-0	PYROCHROITE (8CI9CI)	-		-	-
01312-43-2	INDIUM OXIDE	-		-	-
01312-76-1	SILICIC ACID, POTASSIUM SALT	-		-	-
01312-81-8	LANTHANUM OXIDELA2O3	-		-	-

01313-13-9	**MANGANESE OXIDE**		**Mn**	**07439-96-5**	
01313-27-5	MOLYBDENUM OXIDE	-		-	-
01313-59-3	SODIUM OXIDE NA2O	-		-	-
01313-82-2	SODIUM SULFIDE (NA2S) NA2S	-		-	-
01313-96-8	NIOBIUM OXIDE (NB2O5)	-		-	-
01313-97-9	MEODYMIUM OXIDEND2O3	-		-	-
01313-99-1	**NICKEL OXIDE**		**Ni**	**Ni*INORG****	
01314-06-3	**NICKEL OXIDE**		**Ni2**	**Ni*INORG****	
01314-11-0	STRONTIUM OXIDE	-		-	-
01314-13-2	**ZINC OXIDE**				
01314-18-7	STRONTIUM PEROXIDE	-		-	-
01314-20-1	THORIUM DIOXIDE	-		-	-
01314-22-3	ZINC PEROXIDE ZNO2	-		-	-
01314-23-4	ZIRCONIUM OXIDE	-		-	-
01314-24-5	PHOSPHORUS TRIOXIDE	-		-	-
01314-32-5	**THALLIUM OXIDE**				
01314-34-7	VANADIUM TRIOXIDE	-		-	-
01314-35-8	TUNGSTEN OXIDE (WO3) C.I.77901	-		-	-
01314-36-9	YTTRIUM OXIDE	-		-	-
01314-41-6	**LEAD TETROXIDE**		**Pb3**	**07439-92-1**	
01314-56-3	PHOSPHORUS OXIDE P2O5	-		-	-
01314-60-9	**ANTIMONY OXIDE**				
01314-61-0	**TANTALUM OXIDE**				
01314-62-1	**VANADIUM OXIDE**				
01314-80-3	**PHOSPH PENTASULFIDE**				
01314-84-7	**ZINC PHOSPHIDE**			**07803-51-2**	
01314-96-1	STRONTIUM SULFIDE	-		-	-
01314-98-3	ZINC SULFIDE	-		-	-
01317-33-5	MOLYBDENUM DISULFIDE	-		-	-
01317-34-6	**MANGANESE OXIDE**		**Mn2**	**07439-96-5**	
01317-35-7	**MANGANESE TETROXIDE**		**Mn3**	**07439-96-5**	
01317-36-8	**LEAD OXIDE**		**Pb**	**07439-92-1**	
01317-37-9	IRON SULFIDE (FES)	-		-	-
01317-38-0	COPPER OXIDE	-		-	-
01317-39-1	COPPER OXIDE (CU2 O)	-		-	-
01317-40-4	COPPER SULFIDE	-		-	-
01317-42-6	**COBALT SULFIDE**		**Co**	**07440-48-4**	
01317-60-8	IRON OXIDE HEMATITE FE2O3	-		-	-
01317-61-9	IRON OXIDE FE3O4	-		-	-
01317-65-3	LIMESTONE	-		-	-
01317-80-2	RUTILE TIO2	-		-	-
01317-82-4	ALUMINUM OXIDE SAPPHIRE AL2O3	-		-	-
01317-95-9	TRIPOLI	-		-	-
01318-59-8	CHLORITE MINERAL GROUP	-		-	-
01318-74-7	KAOLINITE	-		-	-
01319-46-6	**LEAD CARBONATE**		**Pb3**	**07439-92-1**	
01319-77-3	**CRESOL**				

01320-37-2	TETRAFLUORODICHLOROETHANE	-	-	-
01321-64-8	**PENTACHLORO NAPHTHALENE**			
01321-65-9	**TRICHLORO NAPHTHALENE**			
01321-74-0	**DIVINYL BENZENE, MIX**			
01322-14-1	UNDECENOIC ACID,CALCIUM SALT	-	-	-
01322-22-1	ALKYL ARYL SULFONATE	-	-	-
01323-65-5	DINONYLPHENOL	-	-	-
01324-76-1	BENZENESULFONIC,[[4-[4-(PHENYLAMINO)PHEN	-	-	-
01325-75-3	ETHANAMINIUM,N- 4- 4-(DIETHYLAMINO)PHENYI	-	-	-
01325-82-2	MOLYDOATETUNGSTATEPHOSPHATE	-	-	-
01325-87-7	PHOSPHOTUNGSBMOLYBDATE	-	-	-
01326-11-0	BENZOTHIAZOLIUM,2- 4-(DIMETHYLAMINO)PHEN	-	-	-
01327-36-2	ALUMINATE SILICATE	-	-	-
01327-41-9	ALUMINUM CHLORIDE, BASIC	-	-	-
01327-43-1	ALUMINOSILICIC ACID MAGNESIUM SALT	-	-	-
01327-52-2	**ARSENIC ACID**	**As**	**07440-38-2**	
01327-53-3	**ARSENIC TRIOXIDE**	**As2**	**07440-38-2**	
01328-04-7	C.I. PIGMENT VIOLET 5:1	-	-	-
01328-53-6	C.I. PIGMENT GREEN 7	-	-	-
01328-67-2	**ZINC CHROMATE**	**Cr**	**18540-29-9**	
01330-20-7	**XYLENE, M, O & P MIXTURE**			
01330-43-4	**BORATES,ANHYDROUS**			
01330-61-6	2-PROPENOIC ACID, ISODECYL ESTER	-	-	-
01330-70-7	OCTADECANOIC ACID, HYDROXY- (8CI9CI)	-	-	-
01330-78-5	PHOSPHORIC ACID, TRIS(METHYLPHENYL) ESTI	-	-	-
01330-86-5	HEXANEDIOIC ACID,DIISOOCTYL ESTER	-	-	-
01331-17-5	PROPANOL, (2-PROPENYLOXY)- C6H1202	-	-	-
01331-28-8	BENZENE, CHLOROETHENYL-	-	-	-
01332-09-8	PUMICE	-	-	-
01332-21-4	**ASBESTOS**			
01332-29-2	TIN OXIDE	-	-	-
01332-37-2	IRON OXIDE	-	-	-
01332-58-7	**KAOLIN (CLAY)**			
01332-77-0	BORIC ACID (H2B407), DIPOTASSIUM SALT (8CI9	-	-	-
01333-17-1	TETRAMETHYL-5 DECYN-4 7-DIOL (SIRFYNOL 10	-	-	-
01333-74-0	HYDROGEN	-	-	-
01333-82-0	**CHROMIUM OXIDE**	**Cr**	**18540-29-9**	
01333-83-1	SODIUM FLUORIDE (NA(HF2))	-	-	-
01333-86-4	**CARBON BLACK**			
01334-78-7	BENZALDEHYDE, METHYL- C8H80	-	-	-
01335-25-7	LEAD OXIDE	-	-	-
01335-30-4	SILICIC ACID, ALUMINUM SALT, HYDRATE	-	-	-
01335-32-6	**LEAD ACETATE**	**Pb3**	**07439-92-1**	
01335-87-1	**HEXACHLORO NAPTHALENE**			
01335-88-2	**TETRACHLORO NAPHTHALENE**			
01336-21-6	**AQUA AMMONIA**		**07664-41-7**	
01336-36-3	**POLYCHLORINATED BIPHENYL**		**11096-82-5**	

01336-93-2	**MANGANESE NAPTHENATE**	**Mn**	**07439-96-5**	
01338-23-4	**MEK PEROXIDE**			
01338-24-5	NAPHTHENIC ACID	-	-	-
01338-39-2	SORBITAN, MONODODECANOATE	-	-	-
01338-41-6	SORBITAN, MONOOCTADECANOATE	-	-	-
01338-43-8	SORBITAN, MONODODECANOATE	-	-	-
01340-45-0	AMPHYL	-	-	-
01341-24-8	CHLOROACETOPHENONE	-	-	-
01341-49-7	AMMONIUM BIFLUORIDE (NH4)(HF2)	-	-	-
01343-90-4	MG SILICATE HYDRATE	-	-	-
01344-00-9	ALUMINOSILICIC ACID, SODIUM SALT	-	-	-
01344-08-7	DISODIUM POLYSULFIDE	-	-	-
01344-09-8	SILICIC ACID SODIUM SALT (SODIUMSILICATE)	-	-	-
01344-13-4	TIN CHLORIDE	-	-	-
01344-28-1	**ALUMINUM OXIDE**			
01344-37-2	**LEAD SULFOCHROMATE**	**Cr**	**18540-29-9**	
01344-43-0	**MANGANESE OXIDE**	**Mn**	**07439-96-5**	
01344-48-5	**MERCURY SULFIDE**	**Hg**	**07439-97-6**	
01344-57-6	URANIUM DIOXIDE	-	-	-
01344-67-8	COPPER CHLORIDE	-	-	-
01344-73-6	SULFURIC ACID, COPPER SALT, BASIC	-	-	-
01344-95-2	**CALCIUM SILICATE**			
01345-04-6	**ANTIMONY TRISULFIDE**			
01345-05-7	WHITE PIGMENT S	-	-	-
01345-09-1	**CADMIUM MERCURYSULFIDE**	**Cd**	**07440-43-9**	
01345-13-7	CERIUM OXIDE (CE2O3) CE2O3	-	-	-
01345-16-0	**COBALT ALUMINATE**	**Co**	**07440-48-4**	
01345-25-1	IRON OXIDE (FERROUS OXIDE)	-	-	-
01395-21-7	**SUBTILISINS**			
01397-94-0	ANTIPIRICULLIN (C28H40N2O9)	-	-	-
01399-60-6	DITERPENE ACID	-	-	-
01401-55-4	QUEBRACHO EXTRACT	-	-	-
01405-41-0	GENTAMYCIN SULFATE	-	-	-
01405-87-4	RACITRACIN	-	-	-
01420-07-1	BUTYLPHENOL, 2,4-DINITRO-6-TERT- (C10H12N2	-	-	-
01435-15-0	PYRROLIDINE, 1-[(2,4, DINITROPYRROL-1-YL) AC	-	-	-
01435-51-4	BENZENE, 1,3,DIBROMO, 5-FLURO	-	-	-
01445-79-0	TRIMETHYL GALLIUM	-	-	-
01446-61-3	1-PHENANTHRENEMETHANAMINE, OCTAHYDRO	-	-	-
01453-21-0	CYCLOHEXANE 1,1[METHYLENE(OXY)]BIS	-	-	-
01455-21-6	NONAMNETHIOL,1	-	-	-
01464-53-5	DIEPOXYBUTANE, 1,2 3,4-	-	-	-
01476-23-9	1-PROPENE, 3-ISOCYANATO	-	-	-
01476-39-7	1,5-PENTANEDIAMINE,DIHYDROCHLORIDE C5H1	-	-	-
01477-55-0	**XYLENE DIAMINE, meta**			
01478-61-1	HEXAFLUOROBISPHENOL A	-	-	-
01488-42-2	IODONIUM, (2-CARBOXYPHENYL)PHENYL-, INNE	-	-	-

01493-27-2	1-FLUORO-2-NITRO-BENZENE	-	-	-
01501-06-0	DIETHYL 2-ACETYL GLU	-	-	-
01503-48-6	QUINACRIDONE QUINONE	-	-	-
01558-25-4	TRICHLORO(CHLOROMETHYL)SILANE (CH2CL4S	-	-	-
01559-35-9	ETHANOL,2-[(ETHYLHEXYL)OXY]-	-	-	-
01559-36-0	ETHANOL, 2-[2-[(2-ETHYLHEXYL)OXY]ETHOXY]-	-	-	-
01563-38-8	7-BENZOFURANOL,2,3-DIHYDRO-2,2-DIMETHYL-	-	-	-
01563-66-2	**CARBOFURAN**			
01565-80-6	N AMYL ALCOHOL	-	-	-
01569-01-3	**PROPANOL-2, PROPOXY-1**		**00107-98-2**	
01569-02-4	2-PROPANOL, 1-ETHOXY	-	-	-
01569-69-3	CYCLOHEXANETHIOL	-	-	-
01571-33-1	PHOSPHONIC ACID, P-PHENYL-	-	-	-
01582-09-8	**TRIFLURALIN**			
01584-62-9	ACETANILIDE, 2-BROMO-4'-CHLORO-2'-(O-FLUOF	-	-	-
01589-47-5	2-METHOXY-1-PROPANOL	-	-	-
01590-87-0	DISILANE	-	-	-
01592-20-7	VINYL BENZYL CHLORIDE, P-	-	-	-
01592-23-0	OCTADECANOIC ACID, CALCIUM SALT (VAN8CI)	-	-	-
01594-56-5	THIOCYANIC ACID,2,4-DINITROPHENYL ESTER (8	-	-	-
01600-27-7	MERCURY DIACETATE	-	-	-
01622-32-8	ETHANESULFONYL CHLORIDE, 2-CHLORO- (C2H	-	-	-
01623-15-0	PHOSPHORIC ACID, MONOBUTYL ESTER	-	-	-
01632-16-2	HEPTANE, 3-METHYLENE	-	-	-
01633-05-2	STRONTIUM CARBONATE	-	-	-
01633-22-3	TRICYCLO[8.2.2.]HEXADECA HEXAENE	-	-	-
01633-83-6	BUTANESULFONE	-	-	-
01634-04-4	**METHYL TERTBUTYLETHER**			
01639-09-4	HEPTANETHIOL	-	-	-
01642-54-2	DIETHYLCARBAMAZINE CITRATE	-	-	-
01646-26-0	ETHANONE,1-(2-BENZOFURANYL)- (9CI)	-	-	-
01653-40-3	1-HEPTANOL, 6-METHYL	-	-	-
01655-35-2	2,7-NAPHTHALENEDISULFONIC ACID DISODIUM	-	-	-
01663-39-4	2-PROPENOIC ACID, 1,1-DIMETHYLETHYL ESTEF	-	-	-
01668-00-4	**ARSENOZO III**	**As2**	**As*ORGANIC**	
01675-54-3	2,2'-(1-METHYLETHYLIDENE)BIS(4,1-PHENYLENE	-	-	-
01678-82-6	CYCLOHEXANE, 1 METHYL-4-METHYL ETHER	-	-	-
01678-91-7	CYCLOHEXANE, ETHYL-	-	-	-
01708-27-6	FURAN 2,3 DIHYDRO-3 DIMETHYL	-	-	-
01709-70-2	PHENOL,4,4',4"- (2,4,6-TRIMETHYL-1,3,5-BENZEN	-	-	-
01717-00-6	ETHANE, 1,1-DICHLORO-1-FLUORO	-	-	-
01719-58-0	**SILANE, CHLORETHENYL**		**07803-62-5**	
01746-01-6	**TCDDIOXIN, 2, 3, 7, 8**			
01746-13-0	ALLYL PHENYL ETHER	-	-	-
01746-23-2	BENZENE, 1-(1,1-DIMETHYLETHYL)-4-ETHENYL	-	-	-
01752-30-3	ACETONE THIOSEMICARBAZIDE	-	-	-
01760-24-3	N(B-AMINO ETHYL)-8-AMINO PROPYL	-	-	-

01762-95-4	THIOCYANIC ACID, AMMONIUM SALT CHNS.H3N	-	-	-
01763-23-1	1-OCTANESULFONIC ACID, -HEPTADECAFLUOR(	-	-	-
01787-61-7	MORDANT BLACK 11, MONOSODIUM SALT	-	-	-
01806-26-4	PARATERIARYOCTYL PHENOL	-	-	-
01821-36-9	BENZENAMINE,N-CYCLOHEXYL-	-	-	-
01825-61-2	SILANE, METHOXYTRIMETHYL-	-	-	-
01825-62-3	SILANE, ETHOXYTRIMETHYL-	-	-	-
01843-05-6	METHANONE,[2-HYDROXY-4-(OCTYLOXY)PHENY	-	-	-
01855-09-0	1,2-PROPANEDIOL,1-PHENYL-	-	-	-
01860-27-1	BUTANE-1-(METHYLETHOXY)	-	-	-
01861-32-1	DIMETHYL TETRACHLOROTEREPHTHALATE C1(	-	-	-
01861-40-1	BENZAMINE,N-BUTYL-N-ETHYL-2,6-DINITRO-4-(T	-	-	-
01897-45-6	CHLOROTHALONIL	-	-	-
01910-42-5	**PARAQUAT DICHLORIDE**		**PARAQUAT*R**	
01912-24-9	**ATRAZINE**			
01918-00-9	3,6-DICHLORO-O-ANISIC ACID	-	-	-
01918-02-1	**PICLORAM**			
01929-82-4	**NITRAPYRIN**			
01931-62-0	PEROXYMALEATE, TERT-BUTYL	-	-	-
01934-21-0	1HPYRAZOL3CARBOXAC45DIHYD5OX14SULPHE	-	-	-
01937-37-7	NAPHTHDISULFACID,AMDIAMPHENAZOBIPHENA	-	-	-
01942-52-5	ETHANETHIOL, 2-(DIETHYLAMINO)-HYDROCHLO	-	-	-
01948-33-0	1,4-BENZENEDIOL, 2-(1,1-DIMETHYLETHYL)-	-	-	-
01972-28-7	DIETHYL AZODICARBOXYLATE	-	-	-
01982-47-4	UREA, 3-(P-(P-CHLOROPHENOXY)PHENYL)-1N,N	-	-	-
01982-49-6	UREA,N-(2-METHYLCYCLOHEXYL)-N'-PHENYL- (9	-	-	-
01985-51-9	NEOPENTYLGLYCOL DIMETHACRYLATE	-	-	-
01987-50-4	PHENOL, 4-HEPTYL	-	-	-
02001-94-7	GLYCINE, N,N'1,2-ETHANEDIYLBIS DIPOTASSIUM	-	-	-
02001-95-8	VALINOMYCIN	-	-	-
02002-24-6	2-AMINO-ETHANOL HYDROCHLORIDE	-	-	-
02031-62-1	SILANE, DIETHOXYMETHYL-	-	-	-
02031-67-6	SILANE, TRIETHOXYMETHYL-	-	-	-
02032-65-7	METHIOCARB	-	-	-
02039-87-4	**CHLOROSTYRENE, ortho**			
02050-99-9	5-NONANONE, 2,8-DIMETHYL C11H22O	-	-	-
02052-15-5	PENTANOIC ACID,4-OXO-, BUTYL ESTER	-	-	-
02052-49-5	1-BUTANAMINIUM,N,N,N-TRIBUTYL-,HYDROXIDE	-	-	-
02068-78-2	VINCALEUKOBLASTINE, 22-OXO-, SULFATE (1:1)	-	-	-
02074-50-2	**PARAQUAT DIMETHYLSUL**		**PARAQUAT*R**	
02082-79-3	BENZENEPROPANCIC ACID,BIS,DIMETHYLETHY	-	-	-
02083-91-2	SILANAMINE, N,N,1,1,1-PENTAMETHYL-	-	-	-
02092-56-0	BENZENESULFONIC ACID,CHLORHYDROXNAPH	-	-	-
02097-19-0	PHENYLSILATRANE	-	-	-
02104-64-5	**EPN**			
02110-78-3	PROPANOIC ACID, 2-HYDROXY-2-METHYL-, MET	-	-	-
02113-68-0	(1,1-BIPHENYL)-4-SULFONIC ACID C12H10Q3S	-	-	-

02136-89-2	BENZENE, 1-CHLORO-2-(TRICHLOROMETHYL)	-	-	-
02155-71-7	DI-T-BUTYL DIPEROXYPHTHALATE	-	-	-
02157-42-8	SILICIC ACID (H6SI2O7), HEXAETHYL ESTER	-	-	-
02157-45-1	SILICIC ACID (H4SIO4), TETRAKIS(2-METHOXYET	-	-	-
02167-23-9	2,2 BIS(T-BUTYLPEROXY)BUTANE	-	-	-
02172-02-3	HAFNIUM T-BUTOXIDE	-	-	-
02179-59-1	**ALLYL PROPYL DISULFIDE**			
02210-79-9	OXIRANE,[(2-METHYLPHENOXY),METHYL]	-	-	-
02223-93-0	**CADMIUM STEARATE**	**Cd**	**07440-43-9**	
02231-57-4	THIOCARBAZIDE	-	-	-
02234-13-1	**OCTACHLORO NAPHTHALENE**			
02235-25-8	**ETHYL MERCURIC PHOSPATE**			
02235-54-3	SULFURIC ACID, MONODODECYL ESTER, AMMO	-	-	-
02238-07-5	**DIGLYCIDYL ETHER**			
02243-76-7	BENZOIC ACID, 2-HYDROXY-5-[2-(4-NITROPHENY	-	-	-
02244-16-8	CARVONE	-	-	-
02273-43-0	STANNE, BUTYL HYDROXYOXO	-	-	-
02275-18-5	PROTHOATE	-	-	-
02310-83-0	GLYCINE, N.N'-ETHYLENEBIS(N-(PHOSPHONOMI	-	-	-
02315-66-4	DECAETHYLENE GLYCOL 4-OCTYLPHENYL ETHI	-	-	-
02320-06-1	ISOPROPYL 1, 1 DIPHENYLETHANE	-	-	-
02321-07-5	FLOURESCEIN	-	-	-
02358-84-1	2-PROPENOIC ACID, 2-METHYL-,OXYDI-2,1-ETHA	-	-	-
02370-88-9	CYCLOTETRASILOXANE, 2,4,6,8-TETRAMETHYL-	-	-	-
02372-21-6	00,T-BUTYL-0-ISOPROPYL MONOPEROXY CARB(	-	-	-
02374-14-3	FLUOROSILICONE TRIMER C12421F9O3S13	-	-	-
02385-85-5	**MIREX**			
02386-52-9	METHANESULFONIC ACID, SILVER (+1) SALT	-	-	-
02386-87-0	DICYCLODIEPOXY CARBOXYLATE	-	-	-
02402-78-0	2,6-DICHLORO PYRIDINE	-	-	-
02409-55-4	CRESOL, 2-TERT BUTYL P-	-	-	-
02415-85-2	BUTANAMIDE,N-(4-METHYLPHENYL)-3-OXO	-	-	-
02421-28-5	1,3-ISOBENZOFURANDIONE,5,5'-CARBONYLBIS-	-	-	-
02425-06-1	**CAPTAFOL**			
02425-79-8	DIEPOXIDE	-	-	-
02425-85-6	2-NAPHTHALENOL, 1- (4-METHYL-2-NITROPHENY	-	-	-
02426-08-6	**BUTYL GLYCIDYL ETHER**			
02429-74-5	4,4'-NAPHTHALENEDISULFONIC ACID,3,3'[(3,3'-DI	-	-	-
02431-50-7	1-BUTENE 2,3,4 TRICHLORO	-	-	-
02451-62-9	**TRIGLYCIDYL-S-TRIAZI**			
02452-99-5	CYCLOPENTANE 1,2, DIMETHYL	-	-	-
02455-24-5	2-PROPENOIC ACID,2-METHYL-,(TETRAHYDRO-2	-	-	-
02461-18-9	DODECYLGLYCIDYLETHER	-	-	-
02465-27-2	**AURAMINE**			
02474-02-4	TETRASILOXANE,1,7-DICHLORO 1,1,3,5,5,7,7 - O(	-	-	-
02475-44-7	ACETATES BLUE B	-	-	-
02475-45-8	DISPERSE BLUE 1	-	-	-

02487-90-3	**TRIMETHOXYSILANE**		**07803-62-5**	
02495-27-4	2-PROPENOIC ACID, 2-METHYL-, HEXADECYL ES	-	-	-
02495-39-8	2-PROPENE-1-SULFONIC ACID, SODIUM SALT (1:	-	-	-
02497-07-6	OXYISULFOTON	-	-	-
02511-91-3	PENTYL CYCLOPROPANE	-	-	-
02512-29-0	BUTANAMIDE,2- (4-METHYL-2-NITROPHENYL)AZ(	-	-	-
02517-43-3	3-METHOXY-1-BUTANOL	-	-	-
02524-03-0	DIMETHYL PHOSPHOROCHLOROIDOTHIOATE	-	-	-
02525-62-4	HEXANE, 1-ISOCYANATO	-	-	-
02528-36-1	**DIBUTYL PHENYL PHOSPHATE**			
02530-83-8	SILANE,TRIMETHOXY[3-(OXIRANYLMETHOXY)PR	-	-	-
02530-85-0	2-PROPENOIC ACID,2-METHYL-,3-(TRIMETHOXYS	-	-	-
02530-87-2	SILANE(3-CHLORPROPYL)TRIMETHOXY-	-	-	-
02539-76-6	AMMONIUM 2-HYDROXYISOBUTYRATE	-	-	-
02540-82-1	FOROTHION	-	-	-
02549-53-3	2-PROPENOIC ACID, 2-METHYL-, TETRADECYL E	-	-	-
02551-62-4	**SULFUR HEXAFLUORIDE**	**F6**	***FLUORIDE***	
02554-06-5	**METHYLVINYLTETRAMER**		**00556-67-2**	
02570-26-5	PENTADECYLAMINE	-	-	-
02581-69-3	BENZENAMINE, 4-[(4-NITROPHENYL)AZO] N-PHE	-	-	-
02592-95-2	1H-BENZOTRIAZOLE,1-HYDROXY	-	-	-
02593-15-9	THIADIAZOLE 1,2,4-,5-ETHOXY-3-(TRICHLOROME	-	-	-
02622-21-1	CYCLOHEXENE, 1-ETHENYL- C8H12	-	-	-
02627-95-4	1,3-DIETHENYL-1,1,3,3-TETRAMETHYL DISILOXA	-	-	-
02631-37-0	PROMECARB	-	-	-
02634-33-5	192 BENZISOTHIAZOLIN-3-ONE	-	-	-
02636-26-2	CYANOPHOS	-	-	-
02642-71-9	AZINPHOS-ETHYL	-	-	-
02650-18-2	BENZENEMETHANAMINIUM,ETHSULPHENMEAM	-	-	-
02652-13-3	NONSILOXANE	-	-	-
02654-58-2	3-PYRAZOLIDINONE, 4,4-DIMETHYL-1-PHENYL	-	-	-
02665-30-7	PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITRO	-	-	-
02673-22-5	SODIUM BIS(TRIDECYL) SULFOSUCCINATE C30	-	-	-
02682-20-4	2-METHYL-3(2H)-ISOTHIAZOLONE	-	-	-
02691-41-0	1,3,5,7-TETRAZOCINE, OCTAHYDRO-1,3,5,7 TETF	-	-	-
02698-41-1	**CHLORBENZMALONONITRILE**			
02699-79-8	**SULFURYL FLUORIDE**	**F2**	***FLUORIDE***	
02703-13-1	PHOSPHONOTHIOIC ACID, METHYL-,O-ETHYL O-	-	-	-
02719-27-9	CYCLOHEXANE CARBONYL CHLORIDE	-	-	-
02734-52-3	DISPERSE RED 19	-	-	-
02735-04-8	BENZENAMINE,2,4-DIMETHOXY- C8H11NO2	-	-	-
02757-18-8	THALLOUS MALONATE	-	-	-
02760-98-7	1,3 BENZENEDICARBOXLYLIC ACID, DIHYDRAZI	-	-	-
02763-96-4	MUSCIMOL	-	-	-
02764-72-9	**DIQUAT**		**DIQUAT*RES**	
02768-02-7	SILANE, ETHENYLTRIMETHOXY	-	-	-
02778-04-3	ENDOTHION	-	-	-

02782-57-2	DICHLOROISOCYANURIC ACID	-	-	-
02783-94-0	2-NAPHTHALENESULFONIC ACID,6-HYDROXY-5-	-	-	-
02786-76-7	2-NAPHTHALENECARBOXAMIDE, 4-[2-[4-(AMINO(	-	-	-
02795-39-3	1-OCTANESULFONIC ACID, HEPTADECAFLUORC	-	-	-
02807-30-9	**ETHYLENEGLY MONOPRO ETHER**		**00110-80-5**	
02809-21-4	PHOSPNONIC ACID, (1-HYDROXYETHLIDENE) BI	-	-	-
02814-77-9	ORTHO-CHLORO-PARA-NITRANILINE RED	-	-	-
02832-19-1	ACETAMIDE,2-CHLORO-N-(HYDROXY METHYL)	-	-	-
02835-68-9	BENZAMIDE, P-AMINO	-	-	-
02837-89-0	ETHANE, 2-CHLORO 1,1,1,2 TETRAFLURO	-	-	-
02855-13-2	CYCLOHEXANEMETHANAMINE, 5-AMINO-1,3,3 TI	-	-	-
02857-97-8	SILANE, BROMOTRIMETHYL	-	-	-
02885-00-9	OCTADECANETHIOL	-	-	-
02893-78-9	1,3,5-TRIAZENE-2,4,6(1H,3H,5H)-TRIONE,1,3-DICH	-	-	-
02905-62-6	3,5-DICHLOROBENZOYL CHLORIDE	-	-	-
29082-74-4	OCTACHLORSTYRENE	-	-	-
02917-26-2	HEXADECANETHIOL	-	-	-
02921-88-2	**CHLORPYRIFOS**			
02971-90-6	**CLOPIDOL**			
02991-51-7	GLYCINE,N-ETHYL-N-C(HEPTADECAFLUOROOC	-	-	-
02996-92-1	SILANE.TRIMETHOXYPHENYL-	-	-	-
03006-82-4	HEXANEPEROXOIC ACID, 2 ETHYL-1,1, DIMETHY	-	-	-
03006-86-8	1,1 DI(T-BUTYL PEROXY)CYCLOHEXANE	-	-	-
03012-65-5	CITRIC ACID DIAMMONIUM SALT	-	-	-
03025-88-5	HYDROPEROXIDE,(1,1,4,4-TETRAMETHYL-1,4-BU	-	-	-
03033-62-3	**DMAEE**			
03037-72-7	BUTYLAMINE, 4-(DIETHOXYMETHYLSILYL)-	-	-	-
03048-64-4	VINYLNOREORNENE	-	-	-
03052-70-8	PEROXIDE,(1-METHYLETHYLIDENE)BIS(1,1-DIME	-	-	-
03061-42-5	1-OCTANOL,TITANIUM(4+)	-	-	-
03063-94-3	HEXAFLUOROISOPROPYL METHACRYLATE	-	-	-
03068-88-0	2 - OXETANONE, 4 - METHYL	-	-	-
03077-13-2	2-PROPANOL,1,1'(PHENYLLIMINO)BIS-	-	-	-
03088-31-1	SOUDIUM DIETHYLENE GLYCOL LAURYL ETHER	-	-	-
03089-11-0	1,3,5-TRIAZINE-2,4,6-TRIAMINE, HEXAKIS(METHC	-	-	-
03101-60-8	OXIRANE,[[4-(1,1-DIMETHYLETHYL)PHENOXY]ME	-	-	-
03141-12-6	**ARSENOUS ACID,TRIMETHYL**	**As**	**07440-38-2**	
03164-29-2	BUTANEDIOIC ACID,2,3-DIHYDROXY- R-(R*,R*) -,[	-	-	-
03173-72-6	**NAPHTHALENE DIISOCYANATE**		**26471-62-5**	
03188-13-4	ETHANE, (CHLOROMETHOXY)-	-	-	-
03194-55-6	CYCLODODECANE, -HEXABROMO-	-	-	-
03215-65-4	TRICHLOROPHENYLACETONITRILE, 2,3,6- C8H4	-	-	-
03232-84-6	1,2,4-TRIAZOLIDINE-3,5-DIONE	-	-	-
03236-53-1	1,6-HEXANEDIAMINE,2,2,4-TRIMETHYL	-	-	-
03247-33-4	PHOSPHONIC ACID, ((ETHYLTHIO)METHYLIDYNE	-	-	-
03251-23-8	NITRIC ACID, COPPER(2+) SALT CU.2HNO3	-	-	-
03252-43-5	DIBROMOACETONITRILE	-	-	-

03254-63-5	PHOSPHORIC ACID, DIMETHYL 4-(METHYLTHIO)I	-	-	-
03274-12-2	4-METHYL-4-(TRICHLOROMETHYL)-2,5-CYCLOHE	-	-	-
03275-24-9	METHANAMINE, N-METHYL TITANIUM (4+)SALT	-	-	-
03277-26-7	DISILOXANE, 1,1,3,3-TETRAMETHYL-	-	-	-
03278-22-6	ETHENE,1,1'-[METHYLENEBIS(SULFONYL)]BIS-	-	-	-
03290-92-4	2-PROPENOIC ACID,2-METHYL-,2-ETHYL-2-[[(2-M	-	-	-
03313-92-6	PEROXYDICARBONIC ACID,DISODIUM SALT (8CI	-	-	-
03333-52-6	**TETRAMETHYL SUCCINONITRILE**			
03333-67-3	**CARBONIC ACID Ni SLT**	**Ni**	**07440-02-0**	
03336-58-1	AMMONIUM TRIFLUOROACETATE	-	-	-
03352-87-2	DODECANAMIDE, N,N-DIETHYL-	-	-	-
03358-28-9	FURAN TERAHYDRO-2,2,4,4 TETRAMETHYL	-	-	-
03375-31-3	ACETIC ACID, PALLADIUM (2+) SALT	-	-	-
03383-96-8	**TEMEPHOS (ABATE)**			
03388-04-3	SILANE, TRIMETHOXY(2-(7-OXABICYCLO(4.1.0)HI	-	-	-
03390-61-2	TRISILOXANE, 1,3,5-TRIMETHYL-1,1,3,5,5-PENTAI	-	-	-
03425-61-4	HYDROPEROXIDE, 1,1-DIMETHYLPROPYL	-	-	-
03445-11-2	2-PYRROLIDINONE, 1-(2-HYDROXYETHYL)-	-	-	-
03453-99-4	2,2-DIMETHOXYBUTANE	-	-	-
03454-29-3	TRIGLYCIDYL TRIMETHYLOLPROPANE ETHER	-	-	-
03457-61-2	BUTYL CUHYL PEROXIDE	-	-	-
03468-63-1	NAPHTHALENOL(DINITROPHENYL) AZO MIX	-	-	-
03520-42-1	XANTHYLIUM,3,6-BIS(DIETHYLAMINO)-9-2,4-DISU	-	-	-
03520-72-7	3H-PYRAZOL-3-ONE,4,4'-3,3-DICHLORO 1,1'-BIPH	-	-	-
03522-94-9	TRIMETHYL HEXANE, 2,2,5-	-	-	-
03524-68-3	2-PROPENOIC ACID,2-(HYDROMETHYL)-2-[[(1-OX	-	-	-
03569-57-1	SULFOXIDE, 3-CHLOROPROPYL OCTYL	-	-	-
03598-16-1	ACETIC ACID,PHENOXY-SODIUM SALT	-	-	-
03618-43-7	GLYCINE, N,N' - [3H-2 1-BENZOTHIOL -3-....	-	-	-
03648-20-2	1,2-BENZENEDICARBOXYLIC ACID DIUNDECYL E	-	-	-
03687-31-8	**LEAD ARSENATE**	**As2**	**07440-38-2**	
03689-24-5	**SULFOTEP**			
03691-35-8	1,3-INDANDIONE, 2-(P-CHLOROPHENYL)(PHENYI	-	-	-
03696-28-4	OMADINE DISULFIDE (PYRIDINE 2,2-DITHIOBIS 1	-	-	-
03705-62-2	BENZENE, 1,1'-OXYBIS(3-(3-PHENOXYPHENOXY)	-	-	-
03710-84-7	**DIETHYLHYDROXYL AMINE**			
03734-97-2	AMITON OXALATE	-	-	-
03735-23-7	METHYL PHENKAPTON	-	-	-
03761-53-3	2,7-NAPHTHALENEDISULFONIC ACID, 4- (2,4-DIM	-	-	-
03778-73-2	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE N,3-BIS(2	-	-	-
03779-63-3	**HDI-CYANURATE POLYMER**			
03811-73-2	1-OXIDE,2-PYRIDINETHIOL SODIUM SALT	-	-	-
03825-26-1	**AMMONIUM PERFLUOROOC**			
03843-16-1	1-OCTADECANAMINIUM,N,N-DIMETHYL-N-OCTAI	-	-	-
03844-45-9	BENZENEMETHANAMINIUM,N-ETHYL-N-[4-[[4-[ET	-	-	-
03852-09-3	PROPANOIC ACID, 3-METHOXY-, METHYL ESTEI	-	-	-
03871-99-6	1-HEXANESULFONIC ACID, TRIDECAFLUORO-, P	-	-	-

03872-25-1	1-PENTANESULFONIC ACID, UNDECAFLUORO-, I	-	-	-
03878-19-1	FUBERIDAZOLE	-	-	-
03901-77-7	CYCLOTRISILOXANE,2,4,6-TRIETHENYL-2,4,6-TR	-	-	-
03982-82-9	TRISILOXANE, 1,3,3,5-TETRAMETHYL-1,1,5,5-TET	-	-	-
04016-14-2	**ISOPROPYLGLYCIDYLETHER**			
04016-21-1	DODECANOIC ACID,2-SULFO-,1-METHYLESTER,S	-	-	-
04035-89-6	**HDI-BIURET POLYMER**			
04044-65-9	BITOSCANATE	-	-	-
04051-63-2	CROMOPHTAL RED	-	-	-
04062-60-6	N,N-DI-TERT-BUTYL ETHYLENE DIAMINE	-	-	-
04075-81-4	PROPANOIC ACID, CALCIUM SALT C3H6O2.1/2C	-	-	-
04080-31-3	3,5,7-TRIAZA-1-AZONIATRICYCLO[3.3.1.13,7]DEC,	-	-	-
04083-64-1	BENZENESULFONYL ISOCYANATE, 4-METHYL-	-	-	-
04097-89-6	1,2-ETHANEDIAMINE,N,N''-BIS(2-AMINOETHYL)-	-	-	-
04098-71-9	**ISOPHORONE DIISOCYANATE**			
04104-14-7	PHOSACETIM	-	-	-
04106-67-6	BUTANAMIDE,2-(2-NITROPHENYL)AZO-3-OXO-N-I	-	-	-
04106-76-7	BUTANAMIDE,2-(4-CHLORO-2-NITROPHENYL)AZ(	-	-	-
04109-96-0	SILANE, DICHLORO	-	-	-
04111-54-0	2-PROPANAMINE,N-(1-METHYLETHYL)-,LITHIUM	-	-	-
04124-42-9	BENZENESULFONIC ACID, 4-METHYL-, AMMONIU	-	-	-
04130-08-9	VINYLTRIACETOXY-SILANE	-	-	-
04130-54-5	OCTADECANOIC ACID HYDRAZIDE (STEARIC HY	-	-	-
04136-95-2	2,4,6-TRICHLOROBENZOYL CHLORIDE	-	-	-
04151-51-3	PHENOL, 4-ISOCYANATO, PHOSPHOROTHIOATE	-	-	-
04170-30-3	**CROTONALDEHYDE**			
04216-02-8	BISBENZIMIDAZO-BENZO-PHENANTHROLINE-DI(	-	-	-
04246-51-9	1-PROPANAMINE, 3,3'-[OXYBIS(2,1-ETHANEDIYL(	-	-	-
04253-34-3	SILANETRIOL, METHYL-, TRIACETATE	-	-	-
04301-50-2	FLUENETIL	-	-	-
04342-03-4	1H-IMIDAZOLE-4-CARBOXAMIDE,5-(3,3-DIMETHYI	-	-	-
04418-66-0	PHENOL, 2,2'THIOBIS (4-CHLORO-6-METHYL-	-	-	-
04419-47-0	TETRAKIS(DIETHYLAMINO) TITANIUM	-	-	-
04424-06-0	BISBENZIMIDAZOBENZOPHENANTHROLINEDION	-	-	-
04433-79-8	ACETOACET-2,5-DIMETHOXY-4-CHLORANILIDE	-	-	-
04435-53-4	1-BUTANOL,3-METHOXY-,ACETATE	-	-	-
04485-12-5	LITHIUM STEARATE	-	-	-
04531-49-1	BUTANAMIDE,2,2'-(3,3'-DICHLORO 1,1'-BIPHENYL	-	-	-
04605-14-5	1,3-PROPANEDIAMINE,N,N'-BIS(3-AMINOPROPYL	-	-	-
04628-94-8	2,5-DIMERCAPTO-1,3,4-THIADIAZOLE, DIPOTASS	-	-	-
04637-24-5	METHANAMINE, 1,1'-DIMETHOXY,N,N' DIMETHYL	-	-	-
04669-59-4	SILANEDIAMINE, -TETRAETHYL-1,1-DIMETHYL-	-	-	-
04677-09-2	1H-INDOLE,2,3-DIHYDRO-1,3,3-TRIMETHYL-2- (PH	-	-	-
04685-14-7	**PARAQUAT**		**PARAQUAT*R**	
04719-04-4	TRIAZINE, 1,3,5- (2H,4H,6H) TRIETHANOL	-	-	-
04835-11-4	HEXAMETHYLENEDIAMINE, N,N'-DIBUTYL-	-	-	-
04845-50-5	1,4-DIOXANE-2,3-DIOL	-	-	-

04847-93-2	3-PIPERIDINO-1,2-PROPANEDIOL	-	-	-
04856-95-5	BORON, TRIHYDRO(MORPHOLINE-) (T-4)	-	-	-
04948-15-6	ANTHRA,DIISOQUINOLINE TETRONE,BIS DIMETH	-	-	-
04986-89-4	PENTAERYTHRITOL TETRAACRYLATE	-	-	-
05026-74-4	4-DIGLYCIDYL AMINO PHENYL GLYCIDYL ETHER	-	-	-
05064-31-3	GLYCINE,N,N'-BIS(CARBOXYMETHYL) - TRISODII	-	-	-
05102-83-0	BUTANAMIDE,2,2'-(3,3'DICHLORO 1,1'-BIPHENYLI	-	-	-
05108-96-3	PYRROLIDINE-N-DITHIOCARBAMIC ACID AMMON	-	-	-
05124-30-1	**METHYLENE BIS, CYCLOHEYLISOC**			
05131-66-8	2 - PROPANOL BUTOXY	-	-	-
05160-02-1	C.I. PIGMENT RED 53, BARIUM SALT (2:1) C17H1	-	-	-
05216-25-1	1-CHLORO-4-(TRICHLOROMETHYL) BENZENE (	-	-	-
05231-87-8	3-CYCLOBUTENE-1,2-DIONE,3,4, DIETHOXY	-	-	-
05234-68-4	1,4-OXATHIIN-3-CARBOXAMIDE,5,6-DIHYDRO-2-M	-	-	-
05244-34-8	ETHANOL 2,2[1,2,ETHANEDIYLBIS(THIO)]BIS	-	-	-
05280-66-0	MANGANESE, NAPHLENECARBOXYLIC ACID COI	-	-	-
05280-74-0	2-NAPHTHALENECARBOXAMIDE, DICHLORBIPHE	-	-	-
05280-78-4	NAPHTHALENE CARBOXAMIDE(CHLORO PHENY	-	-	-
05280-80-8	BENZAMIDE,DIMETHPHENYLBISIMACETOXETHD	-	-	-
05281-04-9	CALCIUM LITHOL RUBINE C18H14N2O6S.CA	-	-	-
05281-13-0	PIPROTAL	-	-	-
05284-79-7	CYCLOHEXANONE 2,6,-BIS[(4-AZIDOPHENYL)ME	-	-	-
05307-14-2	NITRO-P-PHENYLENEDIAMINE	-	-	-
05314-37-4	BIPH DISULF ACID	-	-	-
05329-14-6	SULFAMIC ACID H3NO3S	-	-	-
05332-06-9	BUTANENITRILE, 4-BROMO-	-	-	-
05332-73-0	1-PROPANAMINE, 3-METHOXY-	-	-	-
05343-44-2	N,N-DIBUTYLDODECANAMIDE	-	-	-
05344-82-1	THIOUREA, (2-CHLOROPHENYL)-	-	-	-
05392-40-5	**CITRAL**			
05395-50-6	GLYCOLURIL, 1,3,4,6-TETRAKIS(HYDROXYMETH	-	-	-
05401-94-5	1H INDAZOLE, 5-NITRO	-	-	-
05419-55-6	BORIC ACID(H-3-B-O-3), TRIS(1-METHYLETHYL) E	-	-	-
05421-46-5	ACETIC ACID, MERCAPTO-, MONOAMMONIUM SA	-	-	-
05459-37-0	N-HEPTYL METHACRYLATE	-	-	-
05468-75-7	BUTANAMIDE,2,2'- (3,3'-DICHLORO 1,1'-BIPHENYI	-	-	-
05470-11-1	HYDROXYLAMINE, HYDROCHLORIDE	-	-	-
05567-15-7	BUTANAMIDE(DICHLORO,BIPHENYL) DIYL BIS AZ	-	-	-
05575-43-9	OCTYLENE GYLCOL, TITANATE (IV)	-	-	-
05580-57-4	BINZAMIDE,(CHLORO-METHYL-PHENYLENE)BIS	-	-	-
05588-84-1	VANADIUM,OXOTRIS(2-PROPANOLATO)-,(T-4)-	-	-	-
05590-18-1	CI PIGMENT YELLOW 110	-	-	-
05593-70-4	1-BUTANOL, TITANIUM(4+) SALT	-	-	-
05610-64-0	C.I. ACID BLACK 52, SODIUM SALT	-	-	-
05613-46-7	PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS[2,6-DII	-	-	-
05698-48-6	UNDECANE, 5 METHYLENE	-	-	-
05714-22-7	**SULFUR PENTAFLUORIDE**	**F10**	***FLUORIDE***	

05786-78-7	GLYCINE, -1,2-CYCLOHEXANEDIYLBIS[N-(CARBC	-	-	-
05836-29-3	COUMATETRALYL	-	-	-
05848-93-1	5-CHLORO(3-TRICHLOROMETHYL)1,2,4 THIADIAZ	-	-	-
05850-77-1	BENZOIC ACID, M-((2-HYDROXY-1-NAPHTHYL)AZ	-	-	-
05862-38-4	DIHYDROQUINACRIDONE, 6,13-	-	-	-
05878-19-3	2-PROPANONE, 1-METHOXY	-	-	-
05888-33-5	2-PROPENOIC ACID, 1,7,7 TRIMETHYLBICYCLO H	-	-	-
05892-10-4	BISMUTH OXYCARBONATE BI2(CO3)O2	-	-	-
05949-29-1	PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, H	-	-	-
05968-11-6	CARBONIC ACID DISODIUM SALT , MONOHYDRA	-	-	-
05985-86-8	BENZOIC ACID,3,4,5-TRIHYDROXY-, HYDRATE (1	-	-	-
05989-27-5	METHYL,1- 4-(1-METHYLETHENYL)-,(R)-CYCLOHE	-	-	-
05995-86-8	GALLIC ACID MONOHYDRATE	-	-	-
06000-44-8	GLYCINE, SODIUM SALT	-	-	-
06004-24-6	CETYLPYRIDINIUM CHLORIDE MONOHYDRATE	-	-	-
06009-70-7	ETHANEDIOIC ACID, DIAMMONIUM SALT, MONOH	-	-	-
06018-89-9	**NICKEL DIACETATE TETRA HYD**	**Ni**	**07440-02-0**	
06026-42-2	SILANEDIAMINE,1,1'DIMETHYL-N.N'-BIS(1-METHY	-	-	-
06028-57-5	OCTANOIC ACID, ALUMINUM SALT C8H16O2.1/3A	-	-	-
06032-29-7	2-PENTANOL	-	-	-
06041-94-7	NAPHTHOL RED COLOUR INDEX 12310 11AN AZO	-	-	-
06055-19-2	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE,NNBICHLO	-	-	-
06132-04-3	1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDRO)	-	-	-
06153-56-6	OXALIC ACID DIHYDRATE	-	-	-
06156-78-1	MANGANESE [II] ACETATE, TETRAHYDRATE	-	-	-
06159-05-3	1,1 DIHEPTYL 4,4 DIPYRIDIUM DIBROMIDE	-	-	-
06163-66-2	BUTYL ETHER, TERT-	-	-	-
06175-45-7	ETHANONE,2,2-DIETHOXY-1-PHENYL-	-	-	-
06196-95-8	BENZENE,1,2-DIMETHYL-4-(1-PHENYLETHYL) (9C	-	-	-
06219-73-4	N,N-DIMETHYL-P-PHENYLENEDIAMINE SULFATE	-	-	-
06228-26-8	PENTAERYTHRITOL LINEAR FORMAL	-	-	-
06303-21-5	PHOSPHINIC ACID H3O2P	-	-	-
06317-18-6	THIOCYANIC ACID,METHYLENE ESTER C3H2N2S	-	-	-
06337-33-3	BENZOFURAN,2,3-DIHYDRO-2,2-DIMETHYL	-	-	-
06358-30-1	DIINDOLO TRIPHENODIOXAZINE DICHLORO DIET	-	-	-
06358-31-2	HANSA YELLOW COLOUR INDEX 11741 11 AN A	-	-	-
06358-37-8	BUTANAMIDE,2,2'-(3,3'-DICHLORO 1,1'-BIPHENYL	-	-	-
06358-85-6	BUTANAMIDE,2,2'-(3,3'-DICHLORO 1,1'-BIPHENYL	-	-	-
06358-87-8	1H-PYRAZOLE-3-CARBOXYLIC ACID.... DIETHYL I	-	-	-
06373-73-5	1,4, BENZENEDIAMINE N-(2,4,-DINITROPHENOL)	-	-	-
06375-27-5	ACETOALET-2,5DIMETHOXYANILIDE	-	-	-
06381-59-5	POTASSIUM SODIUM TARTRATE TETRAHYDRAT	-	-	-
06381-92-6	DISODIUM ETHYLENEDIAMINETETRAACETATE D	-	-	-
06385-62-2	**DIQUAT DIBROMIDEMONOH**		**DIQUAT*RES**	
06410-09-9	2-NAPHTHALENOL,1- (2-NITROPHENYL)AZO - C1	-	-	-
06410-10-2	2-NAPHTHALENOL,1- (4-NITROPHENYL)AZO - C1	-	-	-
06410-38-4	NAPHTHALENECARBOXAMIDE,4-((2,5-DICHLORC	-	-	-

06410-41-9	NAPHTHALENE CARBOXAMIDE (CHLORO DIMET	-	-	-
06417-83-0	C.I. PIGMENT RED 63, CALCIUM SALT	-	-	-
06419-19-8	PHOSPHONIC ACID, NITRILOTRIS(METHYLENE)T	-	-	-
06422-86-2	1,4-BENZENE CARBOXYLIC ACID, BIS(2-ETHYLHI	-	-	-
06423-43-4	**PROPYLENE GLYCOL DINITRATE**			
06448-95-9	NAPHTHALENECARBOXAMIDE,3-HYDROXY-4-MI)	-	-	-
06471-49-4	NAPHTHOL RED COLOUR INDEX 12355	-	-	-
06484-52-2	NITRIC ACID AMMONIUM SALT H3N.HNO3	-	-	-
06486-21-1	BUTANAMIDE,2-((4-METHOXY-2-NITROPHENYL)A	-	-	-
06486-23-3	BUTANAMIDE 2- (4-CHLORO-2-NITROPHENYL)AZ	-	-	-
06487-48-5	OXALIC ACID, DIPOTASSIUM SALT MONOHYDRA	-	-	-
06505-28-8	BUTANAMIDE DIMETHOXY MIX	-	-	-
06528-34-3	BUTANAMIDE,2-((4-METHOXY-2-NITROPHENYL)A	-	-	-
06531-38-0	1,4-PIPERAZINEDIETHANEAMINE	-	-	-
06533-73-9	**THALLIUM CARBONATE**			
06535-20-2	OCTANOIC ACID,IRON SALT (8CI9CI)	-	-	-
06535-46-2	NAPHTHOL RED COLOUR INDEX 12370	-	-	-
06535-47-3	NAPHTHALENE CARBOXAMIDE MIX	-	-	-
06655-84-1	2-NAPHTHALENECARBOXAMIDE,3-HYDROXY-4-A	-	-	-
06683-19-8	TETRAKIS(METHYLENE(3.5DI-TERT-BUTYL)4HYD	-	-	-
06731-36-8	TRIMETHYL-1,1-BIS(TERT-BUTYLPEROXY)CYCLO	-	-	-
06770-38-3	1,4-BIS(METHOXYMETHYL)-BENZENE	-	-	-
06826-44-4	SODIUM SALT OF SULFONATED NAPHTHALENE	-	-	-
06834-92-0	SILICIC ACID (H2SI03),DISODIUM SALT (8CI9CI)	-	-	-
06842-15-5	PROPENE, TETRAMER	-	-	-
06846-50-0	TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE,	-	-	-
06865-35-6	OCTADECANOIC ACID,BARIUM SALT C18H36O2.:	-	-	-
06872-06-6	1H-INDOLE,2,3-DIHYDRO-2-METHYL	-	-	-
06881-94-3	ETHANOL, 2-(2-PROPOXYETHOXY)-	-	-	-
06915-15-7	BUTANEDIOIC ACID, 2-HYDROXY-	-	-	-
06923-22-4	**MONOCROTOPHOS**			
06994-51-0	BENZSULFACID,NAPHTHTRIAZOLYLPHENYLETH	-	-	-
07005-47-2	1-PROPANOL, 2-(DIMETHYLAMINO)-2-METHYL	-	-	-
07005-72-3	1-CHLORO-4-PHENOXYBENZENE	-	-	-
07023-61-2	2NAPHTHCARBOXY4(5CHLOR4ME2SULFPHEN)A	-	-	-
07047-01-0	BIGUANIDE,1,1'-HEXAMETHYLENE BIS-, DIHYDR(	-	-	-
07085-85-0	**ETHYL CYANOACRYLATE**			
07087-68-5	2-PROPANAMINE, N-ETHYL-N-(1-METHYLETHYL)	-	-	-
07147-42-4	BUTANAMIDE,2,2'-((3,3'-DIMETHOXY 1,1'-BIPHEN'	-	-	-
07189-82-4	2,2'-BIS(2-CHLOROPHENYL)-4,4',5,5'-TETRAPHEN	-	-	-
07212-69-3	AMMONIUM, DIMETHYLDI-9-OCTADECYL-,CHLOF	-	-	-
07246-21-1	BILOPAQUE SODIUM	-	-	-
07281-52-9	SODIUM HYPOCHLORITE	-	-	-
07283-69-4	2-BUTANEDIOIC ACID (E)-, BIS(2-METHYLPROPY	-	-	-
07320-34-5	DIPHOSPHORIC ACID,TETRAPOTASSIUM SALT I	-	-	-
07328-17-8	(ETHOXYETHOXY) ETHYL ACRYLATE	-	-	-
07328-97-4	TETRAPHENYLOETHANE, EPICHLOROHYDRIN E	-	-	-

07397-62-8	ACETIC ACID, HYDROXY-, BUTYL ESTER	-	-	-
07400-27-3	HYDRAZINE, (1,1-DIMETHYLETHYL)-, MONOHYDI	-	-	-
07420-89-5	PENTANEDISULFONIC ACID, 1,5-DIHYDROX, DI N	-	-	-
07428-48-0	**LEAD STEARATE**	**Pb**	**07439-92-1**	
07429-90-5	**ALUMINUM**			
07439-88-5	IRIDIUM	-	-	-
07439-89-6	IRON	-	-	-
07439-90-9	KRYPTON KR	-	-	-
07439-92-1	**LEAD**	**Pb**		
07439-93-2	LITHIUM	-	-	-
07439-95-4	MAGNESIUM	-	-	-
07439-96-5	**MANGANESE**	**Mn**		
07439-97-6	**MERCURY**	**Hg**		
07439-98-7	**MOLYBDENUM**	**Mo**	**Mo*SOLUBLE**	
07440-01-9	NEON	-	-	-
07440-02-0	**NICKEL**	**Ni**		
07440-03-1	NIOBIUM	-	-	-
07440-05-3	PALLADIUM PD	-	-	-
07440-06-4	**PLATINUM**	**Pt**	**Pt*SOLSALT**	
07440-09-7	POTASSIUM K	-	-	-
07440-16-6	**RHODIUM**	**Rh**	**Rh*SOLCOMP**	
07440-21-3	SILICON	-	-	-
07440-22-4	**SILVER**			
07440-23-5	SODIUM	-	-	-
07440-24-6	STRONTIUM SR	-	-	-
07440-25-7	**TANTALUM**			
07440-28-0	**THALLIUM**			
07440-31-5	**TIN**	**Sn**	**Sn*ORGANIC**	
07440-32-6	TITANIUM TI	-	-	-
07440-33-7	**TUNGSTEN**	**W**	**W*SOLUBLE***	
07440-36-0	**ANTIMONY**			
07440-37-1	ARGON AR	-	-	-
07440-38-2	**ARSENIC**	**As**		
07440-39-3	**BARIUM**	**Ba**		
07440-41-7	**BERYLLIUM**	**Be**		
07440-42-8	BORON	-	-	-
07440-43-9	**CADMIUM**	**Cd**		
07440-44-0	CARBON	-	-	-
07440-47-3	**CHROMIUM**	**Cr**		
07440-48-4	**COBALT**	**Co**		
07440-50-8	**COPPER**	**Cu**		
07440-53-1	EUROPIUM	-	-	-
07440-55-3	GALLIUM ELEMENT	-	-	-
07440-57-5	GOLD AU	-	-	-
07440-58-6	**HAFNIUM**			
07440-59-7	HELIUM HE	-	-	-
07440-61-1	**URANIUM**			

07440-62-2	**VANADIUM**				
07440-63-3	XENON	-		-	-
07440-65-5	**YTTRIUM**				
07440-66-6	**ZINC**				
07440-67-7	**ZIRCONIUM**				
07440-69-9	BISMUTH	-		-	-
07440-70-2	CALCIUM	-		-	-
07440-74-6	**INDIUM**				
07446-07-3	TELLURIUM OXIDE TEO2	-		-	-
07446-08-4	**SELENIUM DIOXIDE**		**Se**	**07782-49-2**	
07446-09-5	**SULFUR DIOXIDE**				
07446-11-9	SULFUR TRIOXIDE	-		-	-
07446-14-2	**LEAD SULFATE**		**Pb**	**07439-92-1**	
07446-18-6	**THALLIUM SULFATE**				
07446-27-7	**LEAD PHOSPHATE SALT**		**Pb3**	**07439-92-1**	
07446-34-6	**SELENIUM SULFIDE**		**Se**	**07782-49-2**	
07446-70-0	ALUMINUM CHLORIDE	-		-	-
07447-39-4	CUPRIC CHLORIDE	-		-	-
07447-40-7	POTASSIUM CHLORIDE	-		-	-
07447-41-8	LITHIUM CHLORIDE	-		-	-
07473-98-5	1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENY	-		-	-
07487-88-9	SULFURIC ACID, MAGNESIUM SALT(1:1) H2O4S.M	-		-	-
07487-94-7	**MERCURIC CHLORIDE**		**Hg**	**07439-97-6**	
07488-55-3	SULFURIC ACID, TIN(2+)SALT(1:1) H2O4S.SM	-		-	-
07488-56-4	**SELENIUM DISULFIDE**		**Se**	**07782-49-2**	
07489-42-1	BENZO(A)PYRAZOLO(3,4-C)PHENAZINE, 2H- C17	-		-	-
07490-70-2	SPIRO BENZO B THIOPHENE-2(3H),2'-OXIRANE	-		-	-
07529-22-8	METHYLMORPHOLINE OXIDE, N-	-		-	-
07550-45-0	**TITANIUM TETRACHLORIDE**				
07553-56-2	**IODINE**				
07558-79-4	PHOSPHORIC ACID DISODIUM SALT	-		-	-
07558-80-7	MONOSODIUM PHOSPHATE	-		-	-
07572-29-4	**DICHLOROACETYLENE**				
07580-67-8	**LITHIUM HYDRIDE**				
07585-41-3	2-NAPHTHALENECARBOXYLIC ACID,4-5-CHLORC	-		-	-
07601-54-9	PHOSPHORIC ACID TRISODIUM SALT	-		-	-
07601-90-3	PERCHLORIC ACIDCLHO4	-		-	-
07616-94-6	**PERCHLORYL FLUORIDE**		**F**	***FLUORIDE***	
07620-77-1	OCTADECANOIC ACID, 12-HYDROXY-, MONOLITH	-		-	-
07631-86-9	AMORPHOUS SILICA	-		-	-
07631-89-2	**SODIUM ARSENATE**		**As**	**07440-38-2**	
07631-90-5	**SODIUM BISULFITE**				
07631-95-0	MOLYBDIC ACID, DISODIUM SALT	-		-	-
07631-99-4	NITRIC ACID SODIUM SALT	-		-	-
07632-00-0	**SODIUM NITRITE**				
07632-04-4	SODIUM PERBORATE	-		-	-
07637-07-2	**BORON TRIFLUORIDE**		**F3**	***FLUORIDE***	

07645-25-2	**LEAD ARSENATE**		**As**	**07440-38-2**	
07646-78-8	STANNANE,TETRACHLORO-(9CI)	-		-	-
07646-79-9	**COBALT CHLORINE**		**Co**	**07440-48-4**	
07646-85-7	**ZINC CHLORIDE**				
07646-93-7	POTASSIUM BISULFATE	-		-	-
07647-01-0	**HYDROGEN CHLORIDE**				
07647-10-1	PALLADIUM CHLORIDE (PDC12) (8CI9CI)	-		-	-
07647-14-5	SODIUM CHLORIDE	-		-	-
07647-15-6	SODIUM BROMIDE NABR	-		-	-
07647-17-8	CESIUM CHLORIDE (CSCL)	-		-	-
07647-19-0	PENTAFLUORO PHOSPHORANE	-		-	-
07664-38-2	**PHOSPHORIC ACID**				
07664-39-3	**HYDROGEN FLUORIDE**		**F**	***FLUORIDE***	
07664-41-7	**AMMONIA**				
07664-93-9	**SULFURIC ACID**				
07681-11-0	POTASSIUM IODIDE	-		-	-
07681-38-1	SODIUM BISULFATE (SULFURIC ACID MONOSOD	-		-	-
07681-49-4	SODIUM FLUORIDE	-		-	-
07681-52-9	HYPOCHLOROUS ACID, SODIUM SALT	-		-	-
07681-53-0	PHOSPHINIC ACID, SODIUM SALT (8CI9CI)	-		-	-
07681-57-4	**SODIUM METABISULFITE**				
07691-02-3	SILANAMINE, 1-ETHENYL-N-(ETHENYLDIMETHYL	-		-	-
07696-12-0	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETH	-		-	-
07697-37-2	**NITRIC ACID**				
07699-41-4	SILICIC ACID	-		-	-
07699-45-8	**ZINC BROMIDE**			**07646-85-7**	
07704-34-9	SULFUR	-		-	-
07705-07-9	TITANIUM CHLORIDE (TICL3)	-		-	-
07705-08-0	IRON(3+) CHLORIDE	-		-	-
07718-54-9	**NICKEL CHLORIDE**		**Ni**	**Ni*INORG****	
07719-09-7	**THIONYL CHLORIDE**			**07647-01-0**	
07719-12-2	**PHOSPHOROUS TRICHLORIDE**				
07720-78-7	SULFURIC ACID, IRON(2+)SALT(1:1) FE.H2O4S	-		-	-
07721-01-9	TANTALUM (V) CHLORIDE	-		-	-
07722-64-7	**POTASSIUM PERMANGANATE**		**Mn**	**07439-96-5**	
07722-76-1	PHOSPHORIC ACID MONOAMMONIUM SALT	-		-	-
07722-84-1	**HYDROGEN PEROXIDE**				
07722-88-5	DIPHOSPHORIC ACID, TETRASODIUM SALT H4O	-		-	-
07723-14-0	**PHOSPHORUS (YELLOW)**				
07726-95-6	**BROMINE**				
07727-21-1	**POTASSIUM PERSULFATE**				
07727-37-9	NITROGEN	-		-	-
07727-43-7	**BARIUM SULFATE**				
07727-54-0	**AMMONIUM PERSULFATE**				
07732-18-5	WATER MIST	-		-	-
07733-02-0	SULFURIC ACID, ZINC SALT H2045.ZN	-		-	-
07738-94-5	**CHROMIC (VI) ACID**		**Cr**	**18540-29-9**	

07757-79-1	NITRIC ACID POTASSIUM SALT HN03.K	-	-	-
07757-82-6	**SODIUM SULFATE**			
07757-83-7	SULFUROUS ACID DISODIUM SALT	-	-	-
07757-93-9	PHOSPHORIC ACID, CALCIUM SALT (1:1) CA.H3(	-	-	-
07758-02-3	POTASSIUM BROMIDE	-	-	-
07758-05-6	IODIC ACID, POTASSIUM SALT	-	-	-
07758-11-4	PHOSPHORIC ACID, POTASSIUM SALT	-	-	-
07758-19-2	CHLOROUS ACID , SODIUM SALT CIHO2NA	-	-	-
07758-23-8	PHOSPHORIC ACID, CALCIUM SALT (2:1) CA.2H3	-	-	-
07758-29-4	TRIPHOSPHORIC ACID, PENTASODIUM SALT	-	-	-
07758-87-4	PHOSPHORIC ACID, CALCIUM SALT (2:3) CA.2/3I	-	-	-
07758-89-6	COPPER CHLORIDE	-	-	-
07758-94-3	IRON(2+) CHLORIDE CL2FE	-	-	-
07758-95-4	**LEAD CHLORIDE**		**Pb**	**07439-92-1**
07758-97-6	**LEAD CHROMATE**		**Cr**	**18540-29-9**
07758-98-7	SULFURIC ACID COPPER(2+)SALT(1:1) CU.H2O4S	-	-	-
07758-99-8	SULFURICACIDCOPPER(2+)SALT(1:1),PENTAHYI	-	-	-
07759-02-6	SULFURIC ACID,STRONTIUM SALT (1:1)	-	-	-
07761-88-8	NITRIC ACID SILVER (1+) SALT	-	-	-
07772-98-7	THIOSULFURIC ACID (H2S203),DISODIUM SALT (!	-	-	-
07772-99-8	TIN CHLORIDE (SNCL2)	-	-	-
07773-06-0	**AMMONIUM SULFAMATE**			
07774-29-0	**MERCURY IODINE**		**Hg**	**07439-97-6**
07775-09-9	CHLORIC ACID, SODIUM SALT 03-CL.NA	-	-	-
07775-11-3	**CHROMIC ACID, Na SALT**		**Cr**	**18540-29-9**
07775-14-6	SODIUM DITHIONITE	-	-	-
07775-19-1	BORIC ACID, SODIUM SALT	-	-	-
07775-27-1	**SODIUM PERSULFATE**			
07778-18-9	**CALCIUM SULFATE**			
07778-39-4	**ARSENIC ACID**		**As**	**07440-38-2**
07778-44-1	**CALCIUM ARSENATE**		**As2**	**07440-38-2**
07778-50-9	**POTASSIUM DICHROMATE**		**Cr2**	**18540-29-9**
07778-53-2	PHOSPHORIC ACID,TRIPOTASSIUM SALT H3O4I	-	-	-
07778-54-3	CALCIUM HYPOCHLORITE	-	-	-
07778-66-7	HYPOCHLOROUS ACID, POTASSIUM SALT CLHC	-	-	-
07778-74-7	PERCHLORIC ACID,POTASSIUM SALT CLHO4.K	-	-	-
07778-77-0	PHOSPHORIC ACID, MONOPOTASSIUM SALT	-	-	-
07778-80-5	SULFURIC ACID,DIPOTASSIUM SALT H2O4S.2K	-	-	-
07779-27-3	HEXAHYDRO-1,3,5 TRIETHYL-S-TRIAZINE	-	-	-
07779-88-6	ZINC NITRATE	-	-	-
07779-90-0	PHOSPHORIC ACID, ZINC SALT	-	-	-
07782-39-0	DEUTERIUM	-	-	-
07782-40-3	DIAMOND	-	-	-
07782-41-4	**FLUORINE**			
07782-42-5	**GRAPHITE**			
07782-44-7	OXYGEN O2	-	-	-
07782-49-2	**SELENIUM**		**Se**	

07782-50-5	**CHLORINE**			
07782-61-8	NITRIC ACID, IRON (3+) SALT, NONHYDRATE	-	-	-
07782-65-2	**GERMANIUM TETRAHYDRIDIDE**			
07782-68-5	IODIC ACID	-	-	-
07782-77-6	NITROUS ACID MIST	-	-	-
07782-78-7	NITROSYL SULFURIC ACID HNO5S	-	-	-
07782-89-0	LITHIUM AMIDE	-	-	-
07782-92-5	SODIUM AMIDE H2NNA	-	-	-
07782-99-2	SULFUROUS ACID	-	-	-
07783-00-8	**SELENIOUS ACID**	**Se**	**07782-49-2**	
07783-06-4	**HYDROGEN SULFIDE**			
07783-07-5	**HYDROGEN SELENIDE**	**Se**	**07782-49-2**	
07783-16-6	PHOSPHONIC ACID, MANGANESE(2+)SALT, MON	-	-	-
07783-18-8	THIOSULFURIC ACID(H2S2O3), DIAMMONIUM SA	-	-	-
07783-20-2	**AMMONIUM SULFATE**			
07783-26-8	TRISILANE	-	-	-
07783-28-0	PHOSPHORIC ACID DIAMMONIUM SALT	-	-	-
07783-35-9	**MERCURIC SULFATE**	**Hg**	**07439-97-6**	
07783-40-6	MAGNESIUM FLUORIDE	-	-	-
07783-41-7	**OXYGEN DIFLUORIDE**	**F2**	***FLUORIDE***	
07783-49-5	ZINC FLUORIDE	-	-	-
07783-54-2	**NITROGEN TRIFLUORIDE**	**F3**	***FLUORIDE***	
07783-56-4	STIBINE, TRIFLUORO-	-	-	-
07783-58-6	GERMANE TETRAFLURO	-	-	-
07783-60-0	**SULFUR TETRAFLUORIDE**	**F4**	***FLUORIDE***	
07783-61-1	SILANE,TETRAFLUORO	-	-	-
07783-63-3	TITANIUM FLUORIDE	-	-	-
07783-70-2	ANTIMONY PENTAFLUORIDE	-	-	-
07783-71-3	TANTALUM FLUORIDE	-	-	-
07783-79-1	**SELENIUM HEXAFLUORIDE**	**F6**	***FLUORIDE***	
07783-80-4	**TELLURIUM HEXAFLUORIDE**	**F6**	***FLUORIDE***	
07783-82-6	TUNGSTEN HEXAFLUORIDE	-	-	-
07783-85-9	FERROUS AMMONIUM SULFATE HEXAHYDRATE	-	-	-
07783-90-6	SILVER CHLORIDE AGCL	-	-	-
07783-96-2	SILVER IODIDE (AGI)	-	-	-
07784-18-1	ALUMINUM FLUORIDE	-	-	-
07784-30-7	PHOSPHORIC ACID, ALUMINUM SALT AL.H3OP4	-	-	-
07784-34-1	**ARSENOUS TRICHLORIDE**	**As**	**07440-38-2**	
07784-35-2	**ARSENOUS TRIFLUORIDE**	**As**	**07440-38-2**	
07784-36-3	**PENTAFLUORO-ARSORANE**	**As**	**07440-38-2**	
07784-40-9	**LEAD ARSENATE**	**As**	**07440-38-2**	
07784-42-1	**ARSINE**			
07784-46-5	**SODIUM ARSENITE**	**As**	**07440-38-2**	
07785-23-1	SILVER BROMIDE AGBR	-	-	-
07785-26-4	BICYCLO HEPT-2-ENE, 2,6,6-TRIMETHYL	-	-	-
07785-87-7	**MANGANESE SULFATE**	**Mn**	**07439-96-5**	
07786-30-3	MAGNESIUM CHLORIDE	-	-	-

07786-34-7	**MEVINPHOS**				
07786-81-4	**NICKEL (+2) SULFATE**		**Ni**	**Ni*INORG****	
07787-32-8	BARIUM FLUORIDE	-		-	-
07787-49-7	**BERYLLIUM FLUORIDE**		**Be**	**07440-41-7**	
07787-61-3	BISMUTHINE, TRIFLUORO- BIF3	-		-	-
07788-96-7	**CHROMYL FLUORIDE**		**Cr**	**18540-29-9**	
07788-97-8	CHROMIUM (III) FLUORIDE	-		-	-
07789-00-6	**POTASSIUM CHROMATE**		**Cr**	**18540-29-9**	
07789-06-2	**STRONTIUM CHROMATE**		**Cr**	**18540-29-9**	
07789-09-5	**CHROMIC ACID, DIAMMONIUM**		**Cr2**	**18540-29-9**	
07789-12-0	**CHROMIC ACID, DISODIUM**		**Cr2**	**18540-29-9**	
07789-18-6	NITRIC ACID, CESIUM SALT	-		-	-
07789-19-7	COPPER FLUORIDE CUF2	-		-	-
07789-21-1	FLUOROSULFURIC ACID	-		-	-
07789-23-3	POTASSIUM FLUORIDE	-		-	-
07789-24-4	LITHIUM FLUORIDE LIF	-		-	-
07789-29-9	POTASSIUM ACID FLUORIDE	-		-	-
07789-30-2	**BROMINE PENTAFLUORIDE**		**F5**	***FLUORIDE***	
07789-38-0	BROMIC ACID, SODIUM SALT NABRO3	-		-	-
07789-45-9	CUPRIC BROMIDE	-		-	-
07789-75-5	CALCIUM FLUORIDE CAF2	-		-	-
07789-77-7	PHOSPHORIC ACID, CALCIUM SALT(1:1), DIHYDF	-		-	-
07789-82-4	MOLYBDATE, CALCIUM	-		-	-
07790-21-8	PERIODIC ACID, POTASSIUM SALT	-		-	-
07790-28-5	PERIODIC ACID, SODIUM SALT	-		-	-
07790-62-7	DISULFURIC ACID, DIPOTASSIUM SALT	-		-	-
07790-69-4	NITRIC ACID, LITHIUM SALT	-		-	-
07790-75-2	TUNGSTATE (WO4)(2-), CALCIUM (1:1) CI77250 (	-		-	-
07790-78-5	**CADMIUM CHLORIDE HYDRIDE**		**Cd**	**07440-43-9**	
07790-80-9	**CADMIUM IODIDE**		**Cd**	**07440-43-9**	
07790-84-3	**SULFURIC ACID, CADMIUM**		**Cd**	**07440-43-9**	
07790-91-2	**CHLORINE TRIFLUORIDE**		**F3**	***FLUORIDE***	
07790-92-3	HYPOCHLOROUS ACID CLHO	-		-	-
07790-94-5	CHLOROSULFONIC ACID	-		-	-
07790-98-9	PERCHLORIC ACID, AMMONIUM SALT CLHO4.H3	-		-	-
07791-08-4	STIBENE, CHLOROOXO- CLOS6	-		-	-
07791-11-9	RUBIDIUM CHLORIDE	-		-	-
07791-12-0	**THALLIUM CHLORIDE**				
07791-18-6	MAGNESIUM CHLORIDE, HEXAHYDRATE	-		-	-
07791-20-0	NICKEL CHLORIDE, HEXAHYDRATE	-		-	-
07791-21-1	CHLORINE OXIDE CL2O	-		-	-
07791-23-3	SELENIUM OXYCHLORIDE	-		-	-
07791-25-5	SULFURYL CHLORIDE	-		-	-
07795-91-7	ETHANOL, 2-SEC-BUTOXY-	-		-	-
07803-49-8	HYDROXYLAMINE	-		-	-
07803-51-2	**PHOSPHINE**				
07803-52-3	**STIBINE**				

07803-55-6	VANADIC ACID, AMMONIUM SALT	-	-	-
07803-57-8	HYDRAZINE HYDRATE	-	-	-
07803-62-5	**SILICON TETRAHYDRIDE**			
07803-63-6	**AMMONIUM BISULFATE**			
08000-29-1	OILS, CITRONELLA	-	-	-
08000-41-7	TERPINEOL	-	-	-
08000-48-4	EUCALYPTUS OIL	-	-	-
08001-20-5	TUNG OIL	-	-	-
08001-22-7	SOYBEAN OIL	-	-	-
08001-26-1	LINSEED OIL	-	-	-
08001-30-7	CORN OIL	-	-	-
08001-35-2	**TOXAPHENE**			
08001-54-5	BENZALKONIUM CHLORIDE	-	-	-
08001-58-9	CREOSOTE	-	-	-
08001-75-0	CERESIN	-	-	-
08001-78-3	CASTOR OIL, HYDROGENATED	-	-	-
08001-79-4	CASTOR OIL	-	-	-
08002-03-7	PEANUT OIL	-	-	-
08002-05-9	HYDROCARBON OILS, PETROLEUM	-	-	-
08002-09-3	OIL OF FIR-SIBERIAN	-	-	-
08002-26-4	TALL OIL	-	-	-
08002-33-3	CASTOR OIL,SULFATED	-	-	-
08002-43-5	LECITHINS	-	-	-
08002-53-7	MONTAN WAX	-	-	-
08002-74-2	**PARAFFIN WAX**			
08003-34-7	**PYRETHRUM**			
08004-87-3	CI BASIC VIOLET 1	-	-	-
08004-92-0	C.I. ACID YELLOW 3	-	-	-
08005-02-5	SOLVENT BLACK	-	-	-
08006-44-8	CANDELILLA WAY	-	-	-
08006-64-2	**TURPENTINE**			
08007-18-9	NICKEL ANTIMONY TITANIUM YELLOW RUTILE	-	-	-
08007-24-7	CASHEW NUTSHELL LIQ	-	-	-
08007-45-2	**COKE OVEN EMISSIONS**			
08007-56-5	AQUA REGIA	-	-	-
08008-20-6	**KEROSENE**			
08008-79-5	SPEARMINT OIL	-	-	-
08009-03-8	PETROLATUM	-	-	-
08011-62-9	BARIUM SULFIDE,BLACK	-	-	-
08011-97-0	C.I. PIGMENT RED 101	-	-	-
08012-89-3	BEESWAX	-	-	-
08012-95-1	**OIL MIST (MINERAL)**			
08013-07-8	SOYBEAN OIL, EPOXIDIZED	-	-	-
08013-43-2	ETHANOL, MIXT. WITH 1,1'-OXYBIS(ETHANE)	-	-	-
08015-86-9	CARNAUBA WAX	-	-	-
08016-11-3	LINSEED OIL, EPOXIDIZED	-	-	-
08016-13-5	FISH OIL	-	-	-

08016-20-4	OILS, GRAPEFRUIT	-	-	-
08016-28-2	LARD OIL	-	-	-
08016-35-1	OITICICA OIL	-	-	-
08017-16-1	POLYPHOSPHORIC ACIDS	-	-	-
08018-01-7	MANG,ETHDIYLBIS(CARBAMDITHIOATO)MXW/ET	-	-	-
08020-83-5	BLANDOL WHITE MINERAL OIL	-	-	-
08021-56-5	PALM WAX	-	-	-
08021-99-6	BONE CHARCOAL	-	-	-
08022-00-2	**METHYL DEMETON**			
08023-53-8	DICHLOROBENZALKONIUM CHLORIDE	-	-	-
08029-43-4	SYRUPS, HYDROLYZED STARCH	-	-	-
08030-30-6	**NAPHTHA**			
08030-70-4	FATTY ACIDS,TALL-OIL,MANGANESE SALTS	-	-	-
08030-76-0	SOYBEAN LECITHIN	-	-	-
08031-18-3	FULLERS EARTH	-	-	-
08032-32-4	**LIGROINE**			
08042-47-5	WHITE MINERAL OIL (PETROLEUM)	-	-	-
08042-52-2	SOLVASOL	-	-	-
08049-17-0	FERROSILICON	-	-	-
08050-09-7	GUM ROSIN	-	-	-
08050-31-5	RESIN ACIDS & ROSIN ACID, ESTERS W/ GLYCE	-	-	-
08050-33-7	RESIN ACIDS AND ROSIN ACIDS, ETHOXYLATED	-	-	-
08051-02-3	VERATRINE (MIXTURE)	-	-	-
08052-10-6	TALL-OIL ROSIN	-	-	-
08052-41-3	**STODDARD SOLVENT**			
08052-42-4	**ASPHALT**			
08052-48-0	FATTY ACID, TALLOW, SODIUM SALTS	-	-	-
08061-51-6	SODIUM-ALKYL-ARYL-SULFONATE	-	-	-
08061-52-7	LIGNOSULFONIC ACID,CALCIUM SALT (9CI)	-	-	-
08061-53-8	LIGNOSULFONIC ACID, AMMONIUM SALT	-	-	-
08065-48-3	**DEMETON**			
08068-05-1	LIGNIN, ALKALI	-	-	-
09000-01-5	GUM ARABIC	-	-	-
09000-07-1	CARRAGEANAN	-	-	-
09000-11-7	CELLULOSE CARBOXYMETHYL ETHER	-	-	-
09000-40-2	LOCUST BEAN	-	-	-
09000-59-3	SHELLAC	-	-	-
09000-65-1	GUM TRAGACANTH	-	-	-
09000-70-8	GELATINS	-	-	-
09000-71-9	CASEIN	-	-	-
09000-88-8	OXIDASE, D-AMINO ACID	-	-	-
09001-00-7	BROMELAIN, JUICE	-	-	-
09001-05-2	CATALASE	-	-	-
09002-18-0	AGAR	-	-	-
09002-81-7	FORMALDEHYDE HOMOPOLYMER	-	-	-
09002-83-9	ETHENE, CHLOROTRIFLUORO-, HOMOPOLYMER	-	-	-
09002-84-0	ETHENE,TETRAFLUORO-,HOMOPOLYMER (C2F4	-	-	-

09002-86-2	**POLYVINYL CHLORIDE**			
09002-88-4	POLYETHYLENE	-	-	-
09002-89-5	ETHENOL HOMOPOLYMER	-	-	-
09002-92-0	**ETHOXYLATED ALCOHOLS**		**00110-80-5**	
09002-93-1	POLYETHYLENE GLYCOL OCTYLPHENOL ETHEF	-	-	-
09003-01-4	**POLYACRYLIC ACID**		**NY075-00-0**	
09003-03-6	2-PROPENOIC ACID, HOMOPOLYMER, AMMONIU	-	-	-
09003-04-7	SODIUM-POLY ARYLATE	-	-	-
09003-07-0	**POLYPROPYLENE**		**NY075-00-5**	
09003-08-1	1,3,5-TRIAZINE-2,J,6-TRIAMINE,POLYMER WITH F	-	-	-
09003-11-6	OXIRANE, METHY-, POLYMER WITH OXIRANE (C	-	-	-
09003-13-8	POLY(OXY(METHYL-1,2-ETHANEDIYL)), A-BUTYL	-	-	-
09003-17-2	POLYBUTADIENE	-	-	-
09003-18-3	2-PROPENENITRILE, POLYMER W/ 1,3, BUTADIEI	-	-	-
09003-20-7	ACETIC ACID ETHENYLESTER, HOMOPOLYMER	-	-	-
09003-22-9	POLYVINYLCHLORIDEPOLYVINYLACETATE	-	-	-
09003-28-5	1-BUTENE HOMOPOLYMER	-	-	-
09003-29-6	BUTENE HOMOPOLYMER	-	-	-
09003-31-0	POLYISOPRENE	-	-	-
09003-33-2	ETHENE,1,1'-(METHYLENEBIS(OXY))BIS-,HOMOP	-	-	-
09003-35-4	PHENOL,POLYMER WITH FORMALDEHYDE MIX	-	-	-
09003-36-5	FORMALDEHYDE, POLYMER WITH 2-(CHLOROMI	-	-	-
09003-37-6	BUTANAL POLYMER WITH BENZENAMINE	-	-	-
09003-39-8	2-PYRROLIDINONE 1-ETHENYL-,HOMOPOLYMER	-	-	-
09003-53-6	**POLYSTYRENE DUST**		**00100-42-5**	
09003-54-7	2-PROPENENITRILE, POLYMER WITH ETHENYLB	-	-	-
09003-55-8	BUTADIENE STYRENE POLYMER	-	-	-
09003-56-9	PROPENENITRILE,2- POLYMER W/1,3-BUTADIEN	-	-	-
09003-63-8	BUTYL METHACRYLATE RESIN	-	-	-
09003-70-7	BENZENE,ETHENYL-,POLYMER W/DIETHENYLBE	-	-	-
09004-32-4	CELLULOSE, CARBOXYMETHYL ETHER, SODIUM	-	-	-
09004-34-6	**CELLULOSE**			
09004-35-7	CELLULOSE ACETATE	-	-	-
09004-36-8	CELLULOSE, ACETATE BUTANOATE	-	-	-
09004-38-0	CELLULOSE,ACETATE PHTHALATE	-	-	-
09004-57-3	ETHYL CELLULOSE	-	-	-
09004-62-0	HYDROXYETHYL CELLULOSE	-	-	-
09004-64-2	CELLULOSE,2-HYDROXYPROPYL ETHER	-	-	-
09004-65-3	HYDROXYPROPYL METHYLCELLULOSE	-	-	-
09004-67-5	CELLULOSE, METHYL ETHER	-	-	-
09004-70-0	CELLULOSE NITRATE	-	-	-
09004-96-0	POLYETHYLENE GLYCOL MONOOLEATE	-	-	-
09004-98-2	POLY(OXY12ETHANEDIYL)A9OCTADECENYLWH	-	-	-
09004-99-3	POLYOXYETHYLENE STEARATE (C2H4O)	-	-	-
09005-00-9	STEARYL ALCOHOL ETHOXYLATE	-	-	-
09005-07-6	POLYETHYLENE GLYCOL DIOLEATE	-	-	-
09005-25-8	**STARCH**			

09005-46-3	CASEINS, SODIUM COMPLEXES	-	-	-
09005-53-2	LIGNIN (8CI9CI)	-	-	-
09005-64-5	SORBITAN,MONODODECANOATE,POLY(OXY-1,2	-	-	-
09005-65-6	SORBITAN, MONO-9-OCTADECENOATE, POLY(O	-	-	-
09005-67-8	SORBITAN, MONOOCTADECANOATE, POLY(OXY	-	-	-
09005-71-4	POLYOXYETHYLENE(20) SORBITAN TRISTEARA	-	-	-
09005-90-7	TURPENTINE	-	-	-
09006-04-6	**RUBBER DUST**			
09006-24-0	FORMALDEHYDE POLYMER WITH DIMETHYLBEI	-	-	-
09007-13-0	RESIN ACIDS AND ROSIN ACIDS,COPPER SALTS	-	-	-
09007-48-1	1,2,3-PROPANETRIOL, HOMOPOLYMER, (Z)-9-OC	-	-	-
09008-34-8	**MANGANESE ROSINATE**		**07439-96-5**	
09009-54-5	POLYEURETHANE FOAM	-	-	-
09010-69-9	RESIN ACIDS AND ROSIN ACIDS, ZINC SALTS	-	-	-
09010-85-9	2-METHYL-1,3 BUTADIENE	-	-	-
09010-89-3	HEXANEDIOIC ACID, POLYMER WITH 2,2'-OXYBIS	-	-	-
09010-98-4	NEOPRENE	-	-	-
09011-05-6	UREA POLYMER WITH FORMALDEHYDE (CH4N2	-	-	-
09011-11-4	BENZENE,ETHENYL-,POLYMER WITH (1-METHYL	-	-	-
09011-13-6	FURANDIONE,POLYMER,ETHENYLBENZENE	-	-	-
09011-14-7	2-PROPENOIC ACID,2-METHYL-,METHYL ESTER,	-	-	-
09011-16-9	2,5 FURANDIONE, POLYMER W/ METHOXY ETHE	-	-	-
09011-19-2	DIMETHYL POLYSILOXANE	-	-	-
09014-01-1	**SUBTILISINS**			
09014-85-1	TETRAMETHYL DECYNDIOL	-	-	-
09014-90-8	AMMONIUM ALKYPHENOXY POLYETHOXY SULF	-	-	-
09014-92-0	POLYETHYLENE GLYCOL DODECYLPHENYL ETH	-	-	-
09014-93-1	POLY(OXY-ETHANEDIYL)(DINONYLPHENYL) HYD	-	-	-
09015-68-3	ASPARAGINASE	-	-	-
09016-00-6	POLYDIMETHYLSILOXANE	-	-	-
09016-45-9	POLY(OXY-ETHANEDIYL)(NONYLPHENYL) HYDR	-	-	-
09016-83-5	FORMALDEHYDE, POLYMER WITH METHYLPHEI	-	-	-
09016-87-9	**POLYMERIC MDI**			
09017-01-0	TDI POLYMER	-	-	-
09017-09-8	1,3-PROPANEDIOL,2ETH2HYDOXMETH,POLYW/1	-	-	-
09019-92-5	ADIPIC ACID-ETHYLENE GLYCOL-TDI POLYMER	-	-	-
09033-79-8	2-PROPENOIC ACID, POLYMER WITH SODIUM 2-	-	-	-
09036-19-5	POLY(OXY-1,2ETH ANEDIYL),A- (1,1,3,3-TETRAMI	-	-	-
09038-95-3	OXIRANE, METHYL-, POLYMER WITH OXIRANE, M	-	-	-
09046-10-0	POLY(OXYPROPYLENE)DIAMINE	-	-	-
09050-36-6	MALTODEXTRIN	-	-	-
09051-49-4	POLY[OXY(METYYL,1,2 ETHANEDIYL)ETHER])	-	-	-
09052-95-3	BENZENE,DIETHENYL-,POLYMER WITH ETHENY	-	-	-
09057-91-4	POLY [OXY(METHYL-1,2-ETHANEDIYL)]-HYDROX	-	-	-
09064-41-9	POLYAMIDE RESIN	-	-	-
09065-82-1	FORMALDEHYDE, POLYMER WITH DIMETHYLPH	-	-	-
09072-91-7	1,2, ETHANEDIOL POLYMER WITH 1,3, DIISCYAN	-	-	-

09081-82-7	**ACRYLIC MONOMERS**		**00079-10-7**	
09082-00-2	OXIRANE, METHYL POLYMER ETHER W/ 1,2,3, PI	-	-	-
09084-06-4	NAPTHALENESULFONIC ACID POLYMER WITH F	-	-	-
10006-28-7	SILIC ACID(H2SIO3), DIPOTASSIUM SALT	-	-	-
10022-31-8	BARIUM NITRATE	-	-	-
10022-68-1	**CADMIUM NITRATE TETRAHYD**	**Cd**	**07440-43-9**	
10024-97-2	**NITROUS OXIDE**			
10025-65-7	PLATINOUS CHLORIDE	-	-	-
10025-67-9	**SULFUR MONOCHLORIDE**			
10025-69-1	TIN CHLORIDE, DIHYDRATE	-	-	-
10025-73-7	**CHROMIUM CHLORIDE**	**Cr**	**16065-83-1**	
10025-77-1	IRON(3+) CHLORIDE HEXAHYDRATE	-	-	-
10025-78-2	SILANE,TRICHLORO	-	-	-
10025-82-8	INDIUM CHLORIDE	-	-	-
10025-87-3	**PHOSPH OXYCHLORIDE**			
10025-91-9	**ANTIMONY TRICHLORIDE**			
10025-97-5	IRIDIUM TETRACHLORIDE	-	-	-
10026-03-6	**SELENIUM TETRACHLORIDE**	**Se**	**07782-49-2**	
10026-04-7	TETRACHLORO SILANE	-	-	-
10026-11-6	ZIRCONIUM TETRACHLORIDE	-	-	-
10026-13-8	**PHOSPH PENTACHLORIDE**			
10026-18-3	**COBALT TRIFLUORIDE**	**Co**	**07440-48-4**	
10028-15-6	OZONE	-	-	-
10028-17-8	TRITIUM	-	-	-
10028-22-5	SULFURIC ACID,IORON(3+) SALT (3:2) FE.3/2H2O	-	-	-
10028-24-7	PHOSPHORIC ACID, DISODIUM SALT, DIHYDRAT	-	-	-
10031-59-1	THALLOUS SULFATE	-	-	-
10034-82-9	**SODIUM CHROMATE (VI)**	**Cr**	**18540-29-9**	
10034-85-2	IODIDE	-	-	-
10034-88-5	SULFURIC ACID, MONOSODIUM SALT, MONOHYI	-	-	-
10034-96-5	SULFURIC ACID, MANGANESE(2+) SALT (1:1) MO	-	-	-
10034-99-8	SULFURIC ACID MAGNESIUM SALT(1:1) HEPTA H	-	-	-
10035-10-6	**HYDROGEN BROMIDE**			
10039-54-0	HYDROXYLAMINE SULFATE	-	-	-
10039-56-2	SODIUM HYPOPHOSPHITE	-	-	-
10042-76-9	NITRIC ACID, STRONTIUM SALT HNC3.1/2SR	-	-	-
10043-01-3	SULFURIC ACID, ALUMINUM SALT (3:2) AL.3/2H2(	-	-	-
10043-11-5	BORON NITRIDE	-	-	-
10043-35-3	**BORATE**			
10043-52-4	CALCIUM CHLORIDE	-	-	-
10043-83-1	PHOSPHORIC ACID, MAGNESIUM SALT H304P.X	-	-	-
10045-86-0	PHOSPHORIC ACID, IRON (3+) SALT (1:1) FE.H30	-	-	-
10045-94-0	**MERCURIC NITRATE**	**Hg2**	**07439-97-6**	
10047-28-6	ACETIC ACID, MERCAPTO-BUTYL ESTER	-	-	-
10049-04-4	**CHLORINE DIOXIDE**			
10049-05-5	CHROMIUM (II) CHLORIDE	-	-	-
10049-07-7	RHODIUM(III) CHLORIDE RHCL3	-	-	-

10058-23-8	PEROXYMONOSULFURIC ACID, MONOPOTASSIU	-	-	-
10060-12-5	**CHROMIUM CHLORIDE**	**Cr**	**16065-83-1**	
10061-01-5	1-PROPENE,1,3-DICHLORO-,(Z)-	-	-	-
10061-02-6	TRANS-1,3-DICHLORO PROPENE	-	-	-
10097-28-6	SILICON OXIDE (SIO) OSI	-	-	-
10099-74-8	**NITRIC ACID, LEAD SALT**	**Pb**	**07439-92-1**	
10101-39-0	SILICIC ACID CALCIUM SALT (1:1) (WOLLASTONI	-	-	-
10101-41-4	SULFURIC ACID,CALCIUM SALT(1:1),DIHYDRATE	-	-	-
10101-50-5	PERMANGANIC ACID	-	-	-
10101-52-7	SILICIC ACID,ZZIRCONIOUM(4+)SALT(1:1) H4O4S	-	-	-
10101-53-8	**CHROMIUM SULFATE**	**Cr2**	**16065-83-1**	
10101-89-0	PHOSPHORIC ACID, TRISODIUM SALT, DODECAI	-	-	-
10101-97-0	**NICKEL SULFATE**	**Ni**	**Ni*INORG****	
10102-03-1	NITROGEN PENTOXIDE	-	-	-
10102-05-3	PALLADIUM (II) NITRATE	-	-	-
10102-17-7	THIOSULFURIC ACID (H25203), DISODIUM SALT,	-	-	-
10102-18-8	SODIUM SELENITE	-	-	-
10102-20-2	SODIUM TELLURITE	-	-	-
10102-43-9	**NITROGEN OXIDE**			
10102-44-0	**NITROGEN DIOXIDE**			
10102-45-1	**THALLIUM NITRATE**			
10102-90-6	DIPHOSPHORIC ACID, COPPER SALT CU.XH4O7	-	-	-
10103-43-2	AMMONIUM THIOSULFATE NH4S2O3	-	-	-
10103-48-7	PHOSPHORIC ACID, COPPER SALT CU.XH3O4P	-	-	-
10108-64-2	**CADMIUM CHLORIDE**	**Cd**	**07440-43-9**	
10108-73-3	NITRIC ACID, CERIUM SALT	-	-	-
10117-38-1	SULFUROUS ACID, DIPOTASSIUM SALT H2O3S-2	-	-	-
10124-36-4	**CADMIUM SULFATE**	**Cd**	**07440-43-9**	
10124-37-5	NITRIC ACID,CALCIUM SALT	-	-	-
10124-43-3	**COBALT SULFATE**	**Co**	**07440-48-4**	
10124-50-2	**POTASSIUM ARSENITE**	**As**	**07440-38-2**	
10124-54-6	**MANGANESE PHOSPHATE**	**Mn**	**07439-96-5**	
10124-56-8	SODIUM HEXAMETAPHOSPHATE NA6P6O18	-	-	-
10125-13-0	COPPER (II) CHLORIDE	-	-	-
10140-87-1	ETHANOL, 1,2-DICHLORO-,ACETATE	-	-	-
10141-00-1	**CHROMIUM K SULFATE**	**Cr**	**16065-83-1**	
101646-63-3	BENZENE, (1-METHYLPROPYL)(PHENYLMETHYL	-	-	-
10178-55-9	BENZOFURAN,7-CHLORO-2,3-DIHYDRO-2,2-DIME	-	-	-
10190-55-3	**LEAD MOLYBDATE**	**Pb**	**07439-92-1**	
10192-30-0	SULFUROUS ACID, MONOAMMONIUM SALT	-	-	-
10196-04-0	SULFUROUS ACID, DIAMMONIUM SALT	-	-	-
10210-68-1	**COBALT CARBONYL**	**Co2**	**07440-48-4**	
10213-79-3	SILICIC ACID (H2SIO3), DISODIUM SALT,PENTAH	-	-	-
10222-01-2	ACETAMIDE,2,2-DIBROMO-2-CYANO	-	-	-
10248-74-5	OCTADECANOIC ACID, 2-[BIS-(OHETHYL)AMINO]	-	-	-
10265-69-7	GLYCINE,N-PHENYL-,MONOSODIUM SALT	-	-	-
10265-92-6	METHAMIDOPHOS	-	-	-

102687-65-0	1-CHLORO-3,3,3-TRIFLUOROPROP-1-ENE	-	-	-
10279-57-9	SILICA,HYDRATE8Cl9Cl	-	-	-
10287-53-3	BENZOIC ACID, 4-(DIMETHYLAMINO)-, ETHYL ES	-	-	-
10294-26-5	SILVER SULFATE	-	-	-
10294-30-1	GOLD CHLORIDE DIHYDRATE	-	-	-
10294-33-4	TRIBROMO BORANE	-	-	-
10294-34-5	BORANE, TRICHLORO	-	-	-
10294-40-3	**BARIUM CHROMATE**	**Cr**	**18540-29-9**	
10294-41-4	NITRIC ACID, CERIUM(3+) SALT, HEXAHYDRATE	-	-	-
10294-56-1	PHOSPHOROUS ACID H303P	-	-	-
10311-84-9	DIALIFOS	-	-	-
10325-94-7	**CADMIUM NITRATE**	**Cd**	**07440-43-9**	
10326-27-9	BARIUM CHLORIDE DIHYDRATE	-	-	-
103495-51-8	TRICYCLO HEX-3-ENE-3-CARBONITRILE	-	-	-
103598-77-2	CARBONIC DICHLORIDE, POLYMER	-	-	-
10361-03-2	METAPHOSPHORIC ACID, SODIUM SALT	-	-	-
10361-37-2	BARIUM CHLORIDE	-	-	-
10377-60-3	NITRIC ACID, MAGNESIUM SALT HNO3.1/2MG	-	-	-
10377-66-9	**MANGANESE NITRATE**	**Mn**	**07439-96-5**	
10380-08-2	TRIPHOSPHORIC ACID	-	-	-
10381-36-9	**NICKEL PHOSPHATE**	**Ni3**	**Ni*INORG****	
10405-84-2	CIS-4-NONENE	-	-	-
10415-75-5	**MERCUROUS NITRATE**	**Hg**	**07439-97-6**	
10421-48-4	NITRIC ACID, IRON(3+)SALT	-	-	-
10424-65-4	METHANAMINIUM N,N,N-TRIMETHYL-HYDROXIDE	-	-	-
10450-60-9	PERIODIC ACID	-	-	-
10453-86-8	CYCLOPROPANECARBOXYLIC ACID, 2,2-DIMETH	-	-	-
10476-95-6	METHACROLEIN DIACETATE	-	-	-
104810-48-2	POLYETHYLENE GLYCOL MONO-3-[3-(2H-BENZO	-	-	-
10486-00-7	PERBORIC ACID, SODIUM SALT	-	-	-
10508-09-5	PEROXIDE,DI T AMYL	-	-	-
10545-99-0	SULFUR CHLORIDE SCL2	-	-	-
10551-21-0	PYRIDINIUM, 2 METHYL-1-(2-PHENYL ETHYL)-BR	-	-	-
10563-29-8	1,3-PROPANEDIAMINE, N3-(3-AMINOPROPYL)-N1	-	-	-
10588-01-9	**SODIUM DICHROMATE**	**Cr2**	**18540-29-9**	
10595-80-9	2-PROPENOIC ACID, 2-METHYL-,2-SULFOETHYL	-	-	-
10595-95-6	N-METHYL-N-ETHYLNITROSAMINE	-	-	-
10605-21-7	**CARBENDAZIM**		**01563-66-2**	
106842-44-8	AMINO-FUNCTIONAL DIMETHYLSILOXANE COPC	-	-	-
109384-19-2	TERT-BUTYL 4-HYDROXYPIPERIDINE-1-CARBOX	-	-	-
11070-44-3	1,3-ISOBENZOFURANDIONE,TETRAHYDROMETH	-	-	-
11071-15-1	TARTARIC ACID, L- ,ANTIMONY POTASSIUM SAL	-	-	-
110726-28-8	PHENOL, -(4-HYDROXYPHENYL)-1-METHYLETHY	-	-	-
11096-82-5	**PCB AROCLOR 1260**			
11097-69-1	**PCB AROCLOR 1254**			
11099-03-9	C.I. SOLVENT BLACK 5	-	-	-
11099-06-2	SILICIC ACID, ETHYL ESTER	-	-	-

11100-14-4	**PCB AROCLOR 1268**			
11103-86-9	**ZINC POTASSIUM CHROMATE**	**Cr2**	**18540-29-9**	
11104-28-2	**PCB AROCLOR 1221**			
11104-88-4	MOLYBDENUM HYDROXIDE OXIDE PHOSPHATE	-	-	-
11104-93-1	NITROGEN OXIDE- (USE 0NY210-00-0)	-	-	-
111109-77-4	DIPROPYLENE GLYCOL DIMETHYL ETHER	-	-	-
11113-50-1	BORIC ACID	-	-	-
11115-71-2	BISMUTH TITANIUM OXIDE	-	-	-
11115-74-5	**CHROMIC ACID**	**Cr**	**18540-29-9**	
11118-57-3	CHROMIUM OXIDE	-	-	-
11120-22-2	**LEAD SILICATE**	**Pb**	**07439-92-1**	
11126-22-0	SILICON OXIDE (9CI)	-	-	-
11128-29-3	BORON POTASSIUM OXIDE	-	-	-
11129-48-9	IRON ZINC OXIDE	-	-	-
11130-21-5	VANADIUM CARBIDE	-	-	-
11137-98-7	ALUMINUM MAGNESIUM OXIDE	-	-	-
11138-11-7	BARIUM IRON OXIDE	-	-	-
11141-16-5	**PCB AROCLOR 1232**			
112926-00-8	SILICA GEL,CRYSTILINE FREE	-	-	-
112945-52-5	**SYNTHETIC SILICA**		**14464-46-1**	
115372-36-6	2-PROPENOIC ACID, 2-METHYL-, 3-HYDROXYTRI	-	-	-
118440-44-1	ARALDITE HW 2934	-	-	-
12001-26-2	**MICA**			
12001-28-4	**CROCIDOLITE**		**01332-21-4**	
12001-29-5	**CHRYSOTILE**		**01332-21-4**	
12001-85-3	NAPHTHENIC ACIDS, ZINC SALTS	-	-	-
12001-99-9	C.I. PIGMENT GREEN 18 (8CI9CI)	-	-	-
12002-03-8	PARIS GREEN	-	-	-
12002-19-6	MERCURY "NUCLEATE"	-	-	-
12002-43-6	GILSONITE	-	-	-
12002-48-1	TRICHLOROBENZENE C6H3CL3	-	-	-
12003-38-2	FLUORPHLOGOPITE	-	-	-
12004-83-0	ZIRCONIUM, COMPD. WITH ALUMINUM (1:3)	-	-	-
12007-02-2	**NICKEL BORIDE**	**Ni3**	**Ni*INORG****	
12007-58-8	AMMONIUM BORON OXIDE	-	-	-
12008-21-8	LANTHANUM BORIDE (LAB6),(OC-6-11)-	-	-	-
12009-21-1	ZIRCONATE,BARIUM (1:1) BA.O3ZR	-	-	-
12013-46-6	CALCIUM TIN OXIDE CA.O3SN	-	-	-
12013-47-7	CALCIUM ZIRCONIUM OXIDE CA.O3ZR	-	-	-
12013-82-0	CALCIUM NITRIDE(CA3N2)	-	-	-
12014-56-1	CERIUM SILICIDE	-	-	-
12018-01-8	**CHROMIUM DIOXIDE**	**Cr**	**16065-83-1**	
12018-19-8	CHROMIUM ZINC OXIDE	-	-	-
12022-71-8	IRON TITRANIUM OXIDE FE03TI	-	-	-
12023-91-5	FERRATE (FE12O192-),STRONTIUM (1:1)FE12O19	-	-	-
12024-21-4	GALLIUM (III) OXIDE	-	-	-
12025-32-0	GERMANIUM SULFIDE	-	-	-

12027-06-4	AMMONIUM IODIDE	-	-	-
12027-83-7	ZIRCONATE(2-),(ORTHOSILICATO(4-)-O)OXO-,DIS	-	-	-
12028-48-7	TUNGSTATE, HEXAAMMONIUM	-	-	-
12030-88-5	POTASSIUM SUPEROXIDE	-	-	-
12030-97-6	TITANATE, DIPOTTASIUM K.1/2O3TI	-	-	-
12031-47-9	LANTHANUM TITANIUM OXIDE LA2TI2O7	-	-	-
12031-80-0	LITHIUM PEROXIDE	-	-	-
12032-30-3	TITANATE,MAGNESIUM(1:1) MG.O3TI	-	-	-
12032-31-4	MAGNESIUM ZIRCONATE	-	-	-
12032-36-9	MAGNESIUM SULFIDE	-	-	-
12033-89-5	SILICON NITRIDE	-	-	-
12034-34-3	TITANATE(TIO32-),DISODIUM	-	-	-
12034-39-8	SODIUM SULFIDE NA2S4	-	-	-
12035-31-3	NEODYMIUM TITANIUM OXIDE ND2TI2O7	-	-	-
12035-72-2	**NICKEL SUBSULFIDE**	**Ni3**	**Ni*INORG****	
12036-10-1	RUTHENIUM OXIDE	-	-	-
12036-32-7	DIPRASEDYMIUM TRIOXIDE	-	-	-
12036-39-4	STRONTIUM ZIRCONATE	-	-	-
12037-29-5	PRASEODYMIUM OXIDE	-	-	-
12039-52-0	**THALLIUM SELENITE**	**Se**	**07782-49-2**	
12042-91-0	ALUMINUM CHLORIDE HYDROXIDE (AL2C1(OH)5	-	-	-
12042-92-1	COPPER ALUMINATE	-	-	-
12045-63-5	TITANIUM DIBORIDE	-	-	-
12047-27-7	BARIUM TITANIUM OXIDE BA.O3TI	-	-	-
12048-51-0	BISMUTH TITANATE	-	-	-
12048-52-1	BISMUTH ZIRCONIUM OXIDE	-	-	-
12049-50-2	TITANATE, CALCIUM(1:1) CA.O3TI	-	-	-
12054-48-7	**NICKEL HYDROXIDE**	**Ni**	**Ni*INORG****	
12054-85-2	MOLYBDATE, HEXAAMMONIUM, TETRAHYDRATE	-	-	-
12057-24-8	LITHIUM OXIDE	-	-	-
12058-66-1	STANNATE (SN032-),DISDIUM (9CI)	-	-	-
12060-00-3	**LEAD TITANIUM OXIDE**	**Pb**	**07439-92-1**	
12060-01-4	**LEAD ZIRCONIUM OXIDE**	**Pb**	**07439-92-1**	
12060-59-2	TITANATE, STRONTIUM(1:1) O3TI.SR	-	-	-
12063-19-3	IRON ZINC OXIDE (FEAZN04)	-	-	-
12068-56-3	ALUMINUM OXIDE SILICATE AL6O13SI2	-	-	-
12068-64-3	ENRICHED BORANE	-	-	-
12068-86-9	MAGNESIOM FERRITE	-	-	-
12069-32-8	BORON CARBIDE	-	-	-
12069-58-1	HAFNIUM CARBIDE	-	-	-
12069-69-1	COPPER CARBONATE, BASIC	-	-	-
12070-06-3	TANTALUM CARBIDE	-	-	-
12070-12-1	TUNGSTEN CARBIDE	-	-	-
12079-65-1	**MANGANESE CYCLOPENTADIENE**			
12108-13-3	**METHYL CYCLOPENTADIENE**			
12122-67-7	ETHYLENEBIS(DITHIOCARBAMATE) ZINC	-	-	-
12124-97-9	**AMMONIUM BROMIDE**		**12125-02-9**	

12125-01-8	AMMONIUM FLUORIDE	-	-	-
12125-02-9	**AMMONIUM CHLORIDE**			
12136-45-7	POTASSIUM OXIDE	-	-	-
12136-78-6	MOLYBDENUM DISILICIDE	-	-	-
12136-91-3	PHOSPHOROUS NITRIDE	-	-	-
12137-20-1	TITANIUM OXIDE TIO	-	-	-
12138-09-9	TUNGSTEN SULFIDE	-	-	-
12141-46-7	ALUMINUM OXIDE SILICATE (AL2O(SIO4))	-	-	-
12142-33-5	STANNATE DIPOTASSIUM	-	-	-
12150-46-8	1,1'-BIS (DIPHENYLPHOSPHINO) FERROCENE	-	-	-
12168-85-3	SILICIC ACID, CALCIUM SALT(1:3) CA.1/3H6O5SI	-	-	-
12172-73-5	**AMOSITE**			**01332-21-4**
12174-11-7	PALYGORSKITE ([MG(ALO.5-1FEO-O.5]SI4(OH)O1	-	-	-
12179-04-3	**BORATES, PENTAHYDRATE**			
12185-10-3	**PHOSPHORUS (YELLOW)**			
12202-17-4	**LEAD OXIDE SULFATE**		**Pb**	**07439-92-1**
12225-02-4	PERYLENE RED*OBSOLETE NUMBER-USE 0494E	-	-	-
12225-04-6	CI PIGMENT RED 166	-	-	-
12225-06-8	NAPHCARBOXAMDIHYDOXBENZIMAZOLYLOHME	-	-	-
12227-89-3	C.I. PIGMENT BLACK 11	-	-	-
12228-71-6	POTASSIUM FLUORIDE BORATE HYDROXIDE	-	-	-
12228-88-5	POTASSIUM BORATE TETRAHYDRATE	-	-	-
12236-62-3	BUTANAMIDE,2-[(4-CHLORO-2-NITROPHENYL)AZ	-	-	-
12237-30-8	C.I. SOLVENT ORANGE 54	-	-	-
12238-31-2	C.I.PIGMENT RED 52:2	-	-	-
12260-45-6	CESIUM HYDROXIDE, HYDRATE	-	-	-
12269-78-2	PYROPHYLITE	-	-	-
12286-58-7	CROMOPHTAL ORANGE 4R	-	-	-
12298-68-9	POTASSIUM IODIDE I3K	-	-	-
12401-86-4	SODIUM MONOXIDE	-	-	-
12427-27-9	PERLITE FILTER AID	-	-	-
12427-38-2	MANGANESE,((1,2-ETHANEDIYLBIS(CARBAMODI	-	-	-
12442-27-2	**CADMIUM ZINC SULFIDE**		**Cd**	**07440-43-9**
12501-23-4	PHOSPHOTUNGSTIC ACID HYDRATE	-	-	-
12515-32-1	CERIUM TIN OXIDE CE2SN2O7	-	-	-
12578-12-0	DIOXOBIS STEARATO TRILEAD	-	-	-
12597-69-2	PEARLITIC STEEL , BLACK PLATE	-	-	-
12604-53-4	MANGANESE ALLOY, BASE, (ASTM A99)	-	-	-
12604-58-9	**FERROVANADIUM DUST**			
12624-32-7	SULFUR OXIDE	-	-	-
12626-81-2	**LEAD TITANATE ZIRCON**		**Pb**	**07439-92-1**
12640-61-8	EPOXIDENT (9CI)	-	-	-
12640-89-0	SELENIUM OXIDE	-	-	-
12653-76-8	**NICKEL TITANATE**		**Ni**	**Ni*INORG****
12656-43-8	ALUMINUM CARBIDE	-	-	-
12656-85-8	LEAD CHROMATE MOLYBDATE SULFATE RED	-	-	-
12672-29-6	**PCB AROCLOR 1248**			

12674-11-2	**PCB AROCLOR 1016**			
12676-09-4	SURFACT AEROSOL C-61	-	-	-
12676-43-6	H-TALLOW TRINETHYLENE DIAMINE	-	-	-
12679-90-2	CI PIGMNT YELLOW 110	-	-	-
127087-87-0	POLY(OXY-1,2-ETHANEDIYL) (4-NONYLPHENYL)-	-	-	-
12710-36-0	**NICKEL CARBIDE**	**Ni3**	**Ni*INORG****	
12713-03-0	UMBER	-	-	-
12736-96-8	SILICIC ACID, ALUMINUM POTASSIUM SALT	-	-	-
12788-93-1	PHOPHORIC ACID,BUTYL ESTER	-	-	-
12789-03-6	**CHLORDANE, TECHNICAL**			
12789-64-9	IRON TITANIUM OXIDE	-	-	-
12795-57-2	STRONTIUM TITANIUM OXIDE	-	-	-
13007-86-8	C.I. PIGMENT BLACK (8CI9CI)	-	-	-
13011-54-6	PHOSPHORIC ACID,MONOAMMONIUM MONOSOI	-	-	-
130353-60-5	2-PROPENENITRILE, POLYMER WITH DIETHENY	-	-	-
13047-13-7	3 PYRAZOLIDONE, 4-(HYDROXYMETHYL) 4 METH	-	-	-
13048-33-4	2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER	-	-	-
130498-29-2	**PAH(s)**			
13052-09-0	2,5-DIMETHYL-2,5-BIS(2-ETHYLHEXOYLPEROXY)	-	-	-
13071-79-9	**TERBUFOS**			
13106-76-8	MOLYBDIC ACID, DIAMMONIUM SALT	-	-	-
13121-70-5	**CYHEXATIN**			
13138-45-9	**NICKEL NITRATE**	**Ni**	**Ni*INORG****	
13149-00-3	**PHTHALIC ANHYDRIDE, cis**			
13170-23-5	ACETIC ACID,DIANHYDRIDE W/ SILICIC ACID (H4	-	-	-
13171-21-6	PHOSPHAMIDON	-	-	-
13194-48-4	ETHOPROPHOS	-	-	-
13242-44-9	ETHANETHIOL, 2-(DIMETHYLAMINO)-HYDROCHL	-	-	-
13283-01-7	TUNGSTEN HEXACHLORIDE	-	-	-
13291-61-7	GLYCINE, N,N'-(1R,2R)-1,2-CYCLOHEXANEDIYLBI	-	-	-
13308-51-5	BORON PHOSPHATE (B(PO4))	-	-	-
13361-34-7	ACETIC ACID, CYANO-, 2-ETHYLHEXYL ESTER	-	-	-
13393-93-6	1PHENANTHRENEME(OH)TETRADECAHYDRO1,4	-	-	-
13397-24-5	**GYPSUM**			
13410-01-0	**SODIUM SELENATE**	**Se**	**07782-49-2**	
13416-47-2	AZIRIDINE, 1 ACETYL-2-METHYL	-	-	-
13423-61-5	MAGNESIUM CHROMATE	-	-	-
13450-90-3	GALLIUM TRICHLORIDE GACL3	-	-	-
13454-96-1	PLATINUM TETRACHLORIDE	-	-	-
13462-88-9	**NICKEL BROMIDE**	**Ni**	**Ni*INORG****	
13463-39-3	**NICKEL CARBONYL**	**Ni**	**Ni*INORG****	
13463-40-6	**IRON PENTACARBONYL**			
13463-41-7	ZINC BIS (1-HYDROXY 2-PYRIDINETHIONATO)	-	-	-
13463-67-7	**TITANIUM DIOXIDE**			
13464-58-9	**ARSENOUS ACID**			
13465-78-6	SILANE, CHLORO	-	-	-
13466-78-9	**CARENE, 3**			

13472-30-5	SILICIC ACID (H4SIO4), TETRASODIUM SALT H4(	-	-	-
13472-35-0	SODIUM DIHYDROGENPHOSPHATE DIHYDRATE	-	-	-
13472-45-2	TUNGSTIC ACID (H2WO4),DISODIUM SALT H2O4	-	-	-
13473-90-0	NITRIC ACID, ALUMINUM SALT	-	-	-
13477-34-4	NITRIC ACID, CALCIUM SALT, TETRAHYDRATE	-	-	-
13478-10-9	IRON (II) CHLORIDE TETRAHYDRATE	-	-	-
13494-80-9	**TELLURIUM**			
13497-34-2	BERYLLIUM (2+),BIS(1,2,ETHANEDIAMINE-N,N') -	-	-	-
13499-05-3	HAFNIUM CHLORIDE	-	-	-
13510-49-1	**BERYLLIUM SULFATE**	**Be**	**07440-41-7**	
13515-40-7	BUTANAMIDE,2- (4-CHLORO-2-NITROPHENYL)AZ	-	-	-
13530-65-9	**ZINC CHROMATE**	**Cr**	**18540-29-9**	
13530-68-2	**DICHROMIC ACID**	**Cr2**	**18540-29-9**	
13537-24-1	PERCHLORIC ACID, IRON(3+) SALT	-	-	-
13560-89-9	DIMETHANODIBENZOCYCLOOCTENE DODECAC	-	-	-
13566-03-5	SULFURIC ACID, PALLADIUM SALT	-	-	-
13573-18-7	TRIPHOSPHORIC ACID, SODIUM SALT H5O10P3	-	-	-
13586-82-8	HEXANOIC ACID, 2-ETHYL, COBALT SALT	-	-	-
13590-82-4	SULFURIC ACID, CERIUM(4+) SALT (2:1) CE.2H2(	-	-	-
13590-97-1	GUANIDINE, N-DODECYL-, HYDROCHLORIDE (1:1	-	-	-
13597-46-1	SELENIUS ACID (H2SEO3), ZINC SALT (1:1) H2O3	-	-	-
13597-65-4	SILICIC ACID (H4SIO4), ZINC SALT (1:2) H4O4SI.2	-	-	-
13598-36-2	PHOSPHONIC ACID	-	-	-
13601-13-3	FERRATE(4-),HEXAKIS(CYANO-C),COPPER(2+)	-	-	-
13601-19-9	**SODIUM FERROCYANIDE**	**C6N6**	**00057-12-5**	
13612-83-4	SULFONIUM, TRIPHENYL-, SALT WITH (1S,4R)-7,7	-	-	-
13693-11-3	SULFURIC ACID,TITANIUM(4+) SALT(2:1) H204S.2	-	-	-
13708-67-3	SILICIC ACID,BARIUM ZIRCONIUM(4+) SALT 3:2:2	-	-	-
13708-85-5	PHOSPHONIC ACID, DISODIUM SALT	-	-	-
13709-36-9	XENON FLUORIDE	-	-	-
13709-94-9	POTASSIUM METABORATE BHO2.K	-	-	-
13715-19-0	**SODIUM CUPRICCYANIDE**	**C2N2**	**00057-12-5**	
13718-26-8	SODIUM METAVANADATE NAVO3	-	-	-
13746-66-2	**POTASSIUM FERRICYANIDE**	**CN**	**00057-12-5**	
13755-29-8	BORATE(1-), TETRAFLUORO-, SODIUM	-	-	-
13759-17-6	HAFNIUM CHLORIDE OXIDE	-	-	-
13762-51-1	POTASSIUM TETRAHYDROBORATE BH4.K	-	-	-
13765-19-0	**CALCIUM CHROMATE**	**Cr**	**18540-29-9**	
13768-60-0	BORANE, FLUORO	-	-	-
13770-89-3	**NICKEL SULFAMIDE**	**Ni**	**Ni*INORG****	
13780-57-9	SULFUR PENTAFLUORIDE	-	-	-
137902-98-8	1-NAPHTHALENESULFONIC ACID...	-	-	-
13813-19-9	DEUTERATED SULFURIC ACID	-	-	-
13814-96-5	**LEAD FLUOROBORATE**	**Pb**	**07439-92-1**	
13814-97-6	BORATE(1-), TETRAFLUORO-, TIN(2+) (2:1) BF4.1	-	-	-
13822-56-5	1-PROPANAMINE, 3-(TRIMETHOXYSILY)	-	-	-
13824-95-8	HYPOBROMOUS ACID, LITHIUM SALT	-	-	-

13826-83-0	BORATE(1-),TETRAFLUORO-,AMMONIUM BF4.H4	-	-	-
13827-38-8	2,4,6,7,8-PENTAOXA-3,5-DIPHOSPHA-1-SILATRIC	-	-	-
13838-16-9	**ENFLURANE**			
13840-33-0	LITHIUM HYPOCHLORITE	-	-	-
13847-22-8	PHOSPHORIC ACID, ZINC SALT (8CI9CI)	-	-	-
138495-42-8	DECAFLUOROPENTANE	-	-	-
138529-81-4	BIS(CYCLOHEXYLSULFONY) DIAZOMETHANE	-	-	-
138529-84-7	BIS(T-BUTYLSULFONYL) DIAZOMETHANE	-	-	-
13861-97-7	DIHYDRO-4,4-DIMETHYL-2(3H)-FURANONE	-	-	-
13862-16-3	SILANAMINE, N,N DISILYL-	-	-	-
13870-28-5	SILICIC ACID (H2SI2O5), DISODIUM SALT	-	-	-
13907-45-4	**CHROMATE**	**Cr**	**18540-29-9**	
13943-58-3	**POTASSIUM FERROCYANIDE**	**CN**	**00057-12-5**	
13952-70-0	HYDRAZINE, 1,2-BIS(1,1-DIMETHYLETHYL)-, MON	-	-	-
13963-57-0	ALUMINUM ACETYLACETONATE	-	-	-
13967-50-5	**POTASSIUM GOLD CYANIDE**	**C2N2**	**00057-12-5**	
13981-22-1	NITROGEN, ISOTOPE MASS OF 13	-	-	-
13982-43-9	OXYGEN, ISOTOPE OF MASS 15	-	-	-
13983-17-0	WOLLASTONITE	-	-	-
13983-27-2	KRYPTON 85	-	-	-
14016-29-6	EPOXYANTHRAOXOCINDIONE,TETRAHYDROTRI	-	-	-
14017-41-5	**COBALTOUS SULFAMATE**	**Co**	**07440-48-4**	
14035-94-0	PENTANEDIOIC ACID, 2-METHYL-, 1,5-DIMETHYL	-	-	-
14038-43-8	FERRATE(4-),HEXAKIS(CYANO-C)-,IRON(3+) (3:4)	-	-	-
14040-11-0	TUNGSTEN HEXACARBONYL	-	-	-
14041-22-6	SILICON, DIFLUROOXO (SIOF2)	-	-	-
14059-33-7	BISMUTH VANADIUM OXIDE	-	-	-
14133-76-7	TECHNETIUM, ISOTOPE OF MASS 99 (8CI9C	-	-	-
14158-31-7	IODINE 125	-	-	-
14159-45-6	BIS(P-TOLUENESULFONYL)DIAZOMETHANE	-	-	-
14165-55-0	ETHANOL GERMANIUM(4+) SALT	-	-	-
14166-21-3	**PHTHALIC ANHYDRIDE, trans**			
14167-18-1	SALCOMINE	-	-	-
141801-36-7	SULFONIUM, (4-HYDROXYPHENYL)DIPHENYL-, S	-	-	-
14217-21-1	**SODIUM FERRICYANIDE**	**C6N6**	**00057-12-5**	
14220-17-8	**POTASSIUM NICKELCYANATE**	**Ni**	**Ni*INORG****	
14228-73-0	OXIRANE, 2,2'-[1,4,CYCLOHEXANEDIYLBIS(METH	-	-	-
14234-82-3	2-BUTANEDIOIC ACID (Z)-, BIS(METHYLPROPYL)	-	-	-
14239-68-0	**CD DIETHYL DITHIOCARBAMATE**	**Cd**	**07440-43-9**	
14263-59-3	**POTASSIUMGOLDCYANIDE**	**C4N4**	**00057-12-5**	
14265-44-2	PHOSPHATE (8CI9CI)	-	-	-
14284-24-3	SILICIC ACID,CALCIUM ZIRCONIUM(4+)SALT4:2:1	-	-	-
14285-68-8	RHENIUM, DECACARBONYLDI-	-	-	-
14295-43-3	BENZO B THIOPHEN-ONE DICHLORO MIX	-	-	-
14302-13-7	BROMINATED PHTHALOCYANINE GREEN	-	-	-
14307-35-8	**CHROMIC ACID, DILITHIUM**	**Cr**	**18540-29-9**	
14309-57-0	3-NONEN-2-ONE	-	-	-

14323-43-4	PALLADIUM, DICHLORODIAMINE	-	-	-
14333-33-6	CARBON,ISOTOPE MASS OF 11	-	-	-
14351-50-9	9-OCTADECEN-1-AMINE,N,N-DIMETHYL-,N-OXIDE	-	-	-
14351-66-7	PHENANTHRENECARBOXYLIC ACID,DECAHYDR	-	-	-
14426-21-2	ETHANOL, 2,2'-IMINOBIS-, HYDROCHLORIDE	-	-	-
144317-44-2	TRIPHENYLSULFONIUM PERFLUORO-1-	-	-	-
144538-83-0	ASPARTIC ACID, N-(1,2-DICARBOXYETHYL)-, SOI	-	-	-
14464-46-1	**SILICA - CRYSTALLINE**			
14481-60-8	BUTANOIC ACID,OCTADECYCLAMINO-OXO-SULF	-	-	-
14484-64-1	**FERBAM**			
14504-95-1	SILICIC ACID, ALUMINUM SALT (AL2(SIO3)3)	-	-	-
14542-23-5	FLUORITE (CAF2)	-	-	-
14639-97-5	ZINCATE(2-),TETRACHLORO-,DIAMMONIUM,(T-4)	-	-	-
14706-82-2	NITRIC-15N-180 ACID HNO3	-	-	-
14762-75-5	CARBON 14	-	-	-
14782-75-3	ALUMINUM, [ETHYL 3-(OXO-) BUTANOATO-] BIS(2	-	-	-
14797-55-8	NITRATE	-	-	-
14797-65-0	NITRITE	-	-	-
14807-46-6	QUINOLIZINIUM, 2-CARBOX-3-HYDROX,CL,ET ES	-	-	-
14807-96-6	**TALC**			
14808-60-7	**SILICA - QUARTZ**			
148273-07-8	1-NAPHTHALENOL, POLYMER...	-	-	-
14857-34-2	**DIMETHYLETHOXYSILANE**			
14874-70-5	1-TETRAFLUOROBORATE (NIOSH)	-	-	-
14938-35-3	PHENYL,4-PENTYL- C11H16C	-	-	-
14940-65-9	TRITIUM OXIDE	-	-	-
14940-68-2	ZIRCON	-	-	-
14977-61-8	**CHROMIUM OXYCHLORIDE**	**Cr**	**18540-29-9**	
14984-71-5	NITROUS ACID, COPPER SALT	-	-	-
14986-21-1	DISILOXANE, HEXACHLORO- CL6OSI2	-	-	-
14986-84-6	TETRAPHOSPHORIC ACID, HEXASODIUM SALT	-	-	-
14987-04-3	MAGNESIUM SILICON OXIDE MG2SI3O8	-	-	-
14998-27-7	CHLORITE SOLUTION	-	-	-
15086-94-9	FLUORESCEIN, TETRABROMO	-	-	-
15096-52-3	CRYOLITE	-	-	-
15112-89-7	HEXAMETHYLSILANETRIAMINE	-	-	-
15117-53-0	SULFUR 35	-	-	-
15176-21-3	1,4, DIOXANE, 2,5, DIMETHYL	-	-	-
15243-33-1	TRI-RUTHENIUM DODECACARBONYL	-	-	-
15271-41-7	4BICYCLO(2,2,1)HEPTANE-2-CARBONITRILE, 5-C	-	-	-
15333-24-1	**SODIUM ZINC CYANIDE**	**C4N4**	**00057-12-5**	
15432-85-6	SODIUM ANTIMONATE	-	-	-
15468-32-3	TRIDYMITE	-	-	-
15520-11-3	DI(4-TERT-BUTYLCYCLOHEXYL) PEROXYDICARE	-	-	-
156065-00-8	D45 SILOXANE	-	-	-
15625-89-5	TRIMETHYLOL PROPANE TRIACRYLATE	-	-	-
15663-27-1	PLATINUM,DIAMMINEDICHLORO-,(SP-4-2)-	-	-	-

15667-10-4	CYCLOHEXANE, 1,1-DI(T-AMYLPEROXY)	-	-	-
15687-27-1	IBUPROFEN	-	-	-
15721-22-9	PENTANOYL CHLORIDE, 2,2-DIMETHYL-	-	-	-
15758-29-9	CESIUM 138 CS	-	-	-
15764-24-6	1, PROPANOL, 2-(2-ETHOXYPROPOXY)	-	-	-
15767-75-6	GLUTAMIC ACID,DL-,HYDROCHLORIDE (8CI)	-	-	-
15782-05-5	STRONTIUM RUBINE RED 2B C18H13CLN2O6S.S	-	-	-
15782-06-6	C.I. PIGMENT RED 60, BARIUM SALT C17H12N2C	-	-	-
15793-73-4	PYRAZOLONE,DICHLORBIPHENDIYLBISAZOBIDII	-	-	-
15821-83-7	1-PROPANOL, 2-BUTOXY-	-	-	-
15829-53-5	**MERCUROUS OXIDE**	**Hg2**	**07439-97-6**	
158593-28-3	PHENOL, 4-ETHENYL-, POLYMER...	-	-	-
15877-57-3	PENTANAL 3 METHYL	-	-	-
15922-78-8	SODIUMPYRIDINETHIONE	-	-	-
159296-87-4	1,1-DIMETHYLETHYL-2-PROPENOATE, POLYMEF	-	-	-
15956-58-8	HEXANOIC ACID, 2-ETHYL-, MANGANESE SALT	-	-	-
15972-60-8	**ALACHLOR**			
16013-44-8	PIGMENT RED 48	-	-	-
16044-24-9	MALACHITE GREEN OXALATE	-	-	-
16065-83-1	**CHROMIUM III**	**Cr**		
16066-38-9	PEROXYDICARBONIC ACID, DIPROPYL ESTER	-	-	-
16090-02-1	BRIGHTENER, FLUORESCENT 260 CI	-	-	-
16106-44-8	BENZENESULFONIC ACID, 4-METHYL-, POTASSII	-	-	-
161075-02-1	POLYPERFLUOROETHOXYMETHOXY DIFLUORO	-	-	-
16111-62-9	BIS(2-ETHYLHEXYL) PEROXYDICARBONATE	-	-	-
16143-80-9	FERRATE(1-),TRIS(1,2-NAPHTHALENEDIONEL-O)	-	-	-
16219-75-3	**ETHYLIDENE NORBORNENE**			
16291-96-6	CHARCOAL	-	-	-
163149-28-8	1-DODECENE, POLYMER WITH 1-DECENE AND 1	-	-	-
163702-05-4	BUTANE, 1-ETHOXY-1,1,2,2,3,3,4,4,4-NONAFLUOI	-	-	-
163702-06-5	PROPANE, 2-(ETHOXYDIFLUOROMETHYL)-1,1,1,2	-	-	-
163702-07-6	METHYL NONAFLUOROBUTYL ETHER	-	-	-
163702-08-7	METHYL NONAFLUORISOBUTYL ETHER	-	-	-
16423-68-0	SPIRO ISOBENZOFURAN-1(3H),9'- 9H XANTHEN -	-	-	-
16432-36-3	CHROMIUM, TRIS (1PHENYL-1,3,-BUTANEDIONA	-	-	-
16470-24-9	BRIGHTENER, FLUORESCENT 220 CI	-	-	-
16501-01-2	1,2-BENZENEDICARBOXYLIC ACID, MONO(2-MET	-	-	-
16687-06-2	DIBUTYLAMINE PYROPHOSPHATE	-	-	-
16721-80-5	SODIUM HYDROSULFIDE	-	-	-
16731-55-8	POTASSIUM METABISULFITE	-	-	-
16752-77-5	**METHOMYL**			
16774-21-3	CERIC AMMONIUM NITRATE	-	-	-
16842-03-8	**COBALT HYDROCARBONYL**	**Co**	**07440-48-4**	
16872-11-0	TETRAFLUORO-BORATE HYDROGEN	-	-	-
16881-77-9	SILANE, DIMETHOXYMETHYL-	-	-	-
16887-00-6	CHLORIDE ION CL-	-	-	-
16893-85-9	SODIUM SILICOFLUORIDE	-	-	-

16898-52-5	PIPERIDINE, 4,4'-(1,3-PROPANEDIYL)BIS-	-	-	-
16919-19-0	SILICATE(2-),HEXAFLUORO-,DIAMMONIUM (8CI9(	-	-	-
16919-58-7	AMMONIUM CHLOROPLATINATE	-	-	-
16925-25-0	**ANTIMONATE, HEXAFL, Na**			
16940-66-2	BORATE (1-), TETRAHYDRO-,SODIUM	-	-	-
16941-12-1	CHLOROPLATINIC ACID	-	-	-
16949-65-8	SILICATE(2-),HEXAFLUORO-,MAGNESIUM(1:1)(8C	-	-	-
16958-85-3	HEXADECANOIC ACID,OCTYL ESTER	-	-	-
16958-92-2	HEXANEDIOIC ACID, 1,6-DITRIDECYL ESTER	-	-	-
16961-25-4	GOLD TRICHLORIDE	-	-	-
16961-83-4	HYDROFLUOROSILICIC ACID F6SI.2H	-	-	-
16962-40-6	AMMONIUM HEXAFLUOROTITANATE	-	-	-
16984-48-8	FLUORIDE	-	-	-
169896-41-7	TANTALUM, TRIS(N-ETHYLETHANAMINATO)[2-ME	-	-	-
17084-13-8	PHOSPHATE(1-), HEXAFLUORO-, POTASIUM	-	-	-
17194-00-2	BARIUM HYDROXIDE BAH2O2	-	-	-
172083-53-3	2-PROPENOIC ACID, HEPTADECAFLUORO ESTE	-	-	-
17230-88-5	PREGNA(17A)-2,4 DIEN-20 YNO(2,3-D)-ISOXAZOL	-	-	-
17356-28-4	2H-AZEPIN-2-ONE, HEXAHYDRO-1-(2-PROPENYL	-	-	-
17462-58-7	CARBONOCHLORIDIC ACID, 1-METHYLPROPYL E	-	-	-
17463-44-4	DL-ALANINE,3-(METHYLAMINO)- C4H10N2O2	-	-	-
17464-88-9	1,3,4,6-TETRAKIS(METHOXYMETHYL)GLYCOLUR	-	-	-
17501-44-9	ZIRCONIUM ACETONATE	-	-	-
17570-76-2	METHANESULFONIC ACID, LEAD(2+) SALT (2:1)	-	-	-
17599-81-4	SULFURIC ACID, COPPER(1+) SALT (1:2)	-	-	-
17636-10-1	1-PROPANESULFONIC ACID, 3-MERCAPTO-, MOI	-	-	-
17689-77-9	SILANETRIOL,ETHYL-,TRIACETATE	-	-	-
17702-41-9	**DECABORANE**			
17702-57-7	FORMPARANATE	-	-	-
177034-75-2	CARBONIC ACID 1,1-DIMETHYLETHYL 4-ETHENY	-	-	-
17804-35-2	**BENOMYL**			
17831-71-9	2-PROPENOIC ACID,OXYBIS	-	-	-
17852-99-2	NAPHTHALEMECARBOXYLIC ACID CHLOROMETI	-	-	-
178889-45-7	2-PROPENOIC ACID, 2-METHYL-, 1-METHYLCYCL	-	-	-
178952-34-6	BICYCLO[3.2.1]OCT-2-EN-8-ONE, 4-PHENYL-	-	-	-
178953-33-8	BENZENEMETHANAMINIUM, 4-METHOXY-N,N-DI	-	-	-
17909-36-3	CYCLOHEPTASILOXANE,1,3,5,7,9,11,13 - HEPTAE	-	-	-
18186-97-5	DIMETHYLTETRAMETHOXYDISILOXANE	-	-	-
182059-38-7	1-BUTANESULFONIC ACID, -NONAFLUORO-, WIT	-	-	-
18282-10-5	**TIN DIOXIDE**			
18312-04-4	OCTANOIC ACID, ZIRCONIUM SALT	-	-	-
18378-89-7	MITHRAMYCIN	-	-	-
18454-12-1	**LEAD CHROMATE OXIDE**	**Cr**	**18540-29-9**	
18480-07-4	STRONTIUM HYDROXIDE H2O2SR	-	-	-
18540-29-9	**CHROMIUM (VI)**	**Cr**		
186598-40-3	SILANEDIAMINE, N,N'-BIS(1,1-DIMETHYLETHYL)-	-	-	-
18746-63-9	AMMONIUM HEXACHLORORUTHENATE(IV)	-	-	-

18748-98-6	SILANE,TRIMETHYL(OCTADECYLOXY)-	-	-	-
18868-43-4	MOLYBDENUM OXIDE	-	-	-
19089-47-5	1-PROPANOL, 2-ETHOXY-	-	-	-
19089-92-0	2-BUTENOIC ACID, HEXYL ESTER	-	-	-
191044-59-4	ISOPROPYL 1, 1 DIPHENYLETHANE	-	-	-
191044-60-7	ISOPROPYL 1, 1 DIPHENYLETHANE	-	-	-
19153-98-1	SULFUROUS ACID, GOLD(1+) SODIUM SALT (2:1:	-	-	-
19224-26-1	1,2-PROPANEDIOL, 1,2-DIBENZOATE	-	-	-
19287-45-7	**DIBORANE**			
193345-23-2	IODONIUM, BIS[4-(1,1-DIMETHYLETHYL)PHENYL]	-	-	-
193810-83-2	1H-BENZIMIDAZOLE-1-CARBOXYLIC ACID, 2-PHE	-	-	-
19408-74-3	**HEXA-CDD**			
19430-93-4	**PERFLUOROBUTYL ETHY.**			
194999-85-4	BIS(4-T-BUTYLPHENYL)IODONIUM PERFLUORO-1	-	-	-
195000-66-9	2-PROPENOIC ACID, 2-METHYL-, TETRAHYDRO-2	-	-	-
19525-59-8	POTASSIUM PHENYL GLYCINE	-	-	-
19549-80-5	4,6 DIMETHYL-2-HEPTANONE	-	-	-
19624-22-7	**PENTABORANE**			
197178-94-2	PROPANOL, 1(OR 2)-(2-PROPENYLOXY)-, BENZO	-	-	-
19780-11-1	2-DODECENYLSUCCINIC ANHYDRIDE	-	-	-
19824-55-6	TETRAKIS (DIETHYLAMINO) HAFNIUM	-	-	-
19824-59-0	TANTALUM PENTAKIS (DIMETHYLAMIDE)	-	-	-
19900-65-3	4,4'-METHYLENEBIS(2-ETHYLBENZENAMINE)	-	-	-
19910-65-7	DI-SEC-BUTYL PEROXYDICARBONATE	-	-	-
200808-68-0	2-PROPENOIC ACID, 1,1-DIMETHYLETHYL ESTEF	-	-	-
20109-39-1	1-PROPANOL, 2-(2-(BENZOYLOXY)PROPOXY)-, B	-	-	-
202420-04-0	1H-BENZOTRIAZOLE, C-CHLORO-C-METHYL-, SC	-	-	-
20281-00-9	CESIUM OXIDE	-	-	-
20302-26-5	ETHYLBENZENE-D5	-	-	-
20324-32-7	2-PROPANOL,1-(2-METHOXY-1-METHYLETHOXY)	-	-	-
20324-33-8	2-PROPANOL.1-[2-(2-METHOXY-1-METHLYETHOX	-	-	-
20325-40-0	3,3'DIMETHOXYBENZIDINE DIHYDROCHLORIDE	-	-	-
20338-08-3	TITANIUM HYDROXIDE (T1(OH)4), (T-4)-	-	-	-
20427-58-1	ZINC HYDROXIDE	-	-	-
20427-59-2	COPPER HYDROXIDE	-	-	-
20492-50-6	**CHROMIUM OXIDE PYRIDINE**	**Cr**	**18540-29-9**	
20548-54-3	CALCIUM SULFIDE CAS	-	-	-
20667-12-3	SILVER OXIDE (AG2O) AG2O	-	-	-
20736-64-5	CHROMIC ACID CYCLOHEXYLAMINE SALT	-	-	-
20816-12-0	**OSMIUM TETROXIDE**			
20830-75-5	DIGOXIN	-	-	-
20859-73-8	ALUMINUM PHOSPHIDE	-	-	-
20941-65-5	TELLURIUM DIETHYLDITHIOCARBAMATE	-	-	-
21041-93-0	COBALT HYDROXIDE	-	-	-
21087-64-9	**METRIBUZIN**			
21109-95-5	BARIUM SULFIDE BA5	-	-	-
211919-60-7	ETHANAMINE, 2-(METHOXYMETHOXY)-N,N-BIS[2	-	-	-

21265-50-9	FERRIC AMMONIUM ETHYLENEDIAMINETETRAA	-	-	-
21282-97-3	BUTANOIC ACID, 3-OXO-, 2-[(2-METHYL-1-OXO-2-	-	-	-
21351-79-1	**CESIUM HYDROXIDE**			
21548-32-3	FOSTHIETAN	-	-	-
21564-17-0	THIOCYANIC ACID, (2-BENZOTHIAZOLYLTHIO)ME	-	-	-
21609-90-5	LEPTOPHOS	-	-	-
21645-51-2	ALUMINUM HYDROXIDE	-	-	-
21651-19-4	**STONNOUS OXIDE**			
21669-04-5	BARIUM FLUOR BROM	-	-	-
21679-31-2	CHROMIUM,TRIS(2,4-PENTANEDIONATO-O,O')-,((	-	-	-
21908-53-2	**MERCURIC OXIDE**	**Hg**	**07439-97-6**	
21923-23-9	CHLOROTHIOPHOS	-	-	-
22189-08-8	SULFURIC ACID MAGNESIUM SALT (1:1), HYDRA	-	-	-
22204-53-1	2-NAPHTHALENEACETIC ACID, 6-METHOXY-.ALP	-	-	-
22224-92-6	**FENAMIPHOS**			
22431-89-6	DIOXANE,1,2- 3,3,6,6-TETRAMETHYL	-	-	-
22464-99-9	HEXANOIC ACID	-	-	-
224962-38-3	POLY(PENTAFLUOROSTYRENE....	-	-	-
22504-50-3	PROPANOIC ACID, 3-MERCAPTO-1,2 ETHANEDIY	-	-	-
22549-43-5	CERRIC AMMONIUM NITRATE	-	-	-
22673-14-9	PHOSPHONIUM,TETRAETHYL BIS (PHENYL SILIC	-	-	-
22708-90-3	ALUMINUM SILICATE (AL2 SI2 O7)	-	-	-
227199-92-0	SULFONIUM, TRIPHENYL-,DIMETHYL-2-OXOBICY	-	-	-
22781-23-3	1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-, METHYI	-	-	-
229325-98-8	IODONIUM, BIS[4-(1,1-DIMETHYLETHYL)PHENYL]	-	-	-
22967-92-6	**METHYLMERCURY**			
23135-22-0	OXAMYL	-	-	-
23199-56-6	TRIFLUOROETHYL TRICHLOROMETHANESULFO	-	-	-
23422-53-9	FORMETHNATE	-	-	-
23505-41-1	PIRIMIDOS-ETHYL	-	-	-
23922-96-5	B-NAPHTHYLAMINE	-	-	-
24017-47-8	TRIAZOFOS	-	-	-
24270-66-4	1,1,2,3,3-PENTAFLUOROPROPANE	-	-	-
24304-00-5	ALUMINUM NITRIDE ALN	-	-	-
24318-48-7	A,A DIMETHYL BENZYL PHENYL ETHER	-	-	-
24405-16-1	2H-PYRAN-2-ONE, TETRAHYDRO-5,6 DIMETHYL,	-	-	-
24423-11-8	2-CHLORO-PHENANTHRENE	-	-	-
24424-99-5	DICARBONIC ACID, BIS(1,1-DIMETHYLETHYL) ES	-	-	-
24448-20-2	BIS-EMA	-	-	-
24468-13-1	CARBONOCHLORIDIC ACID, 2-ETHYLHEXYL EST	-	-	-
24544-04-5	BENZENAMINE, 2,6-BIS(1-METHYLETHYL)-	-	-	-
24613-89-6	CHROMIC ACID, CHROMIUM (+3) SALT	-	-	-
24615-84-7	CARBOXYETHYL ACRYLATE	-	-	-
24634-61-5	2,4-HEXANEDIOIC ACID, POTASSIUM SALT	-	-	-
24700-85-4	2H-1-BENZOPYRAN-6-OL,3,4-DIHYDRO-2,2-DIMET	-	-	-
24800-44-0	TRIPROPYLENE GLYCOL	-	-	-
24934-91-6	CHLORMEPHOS	-	-	-

24936-68-3	POLY[OXYCARBONYLOXY-1,4-PHENYLENE(1-ME	-	-	-
24937-74-4	FORMALDEHYDE,POLYMER WITH BENZENAMINI	-	-	-
24937-78-8	ACETIC ACID ETHENYL ESTER, POLYMER WITH	-	-	-
24937-79-9	1,1-DIFLUOROETHENE,HOMOPOLYMER (C2H2F2	-	-	-
24938-91-8	POLY(OXY-1,2-ETHANEDIYL),@-TRIDECYL-W-HY	-	-	-
24968-99-8	2-PROPENOIC ACID, 3-PHENYL-, ETHENYL ESTE	-	-	-
24969-10-6	OXIRANE, (CHLOROMETHYL)-, POLYMER WITH C	-	-	-
24969-11-7	FORMALDEHYDE, POLYMER WITH 1,3-BENZENE	-	-	-
24969-25-3	ETHYLENEOXIDE POLYMER WITH S TRIOXANE	-	-	-
24979-70-2	PHENOL, 4-ETHENYL - HOMOPOLYMER	-	-	-
24979-74-6	PHENOL, 4-ETHENYL-, ETHENYLBENZENE	-	-	-
24980-58-3	ACRYLATE-VINYL ACETATE COPOLYMER	-	-	-
24981-14-4	ETHENE, FLOURO-, HOMOPOLYMER	-	-	-
24991-55-7	**POLYETHYLENE GLYCOL DIMETHYL**		**00110-80-5**	
24993-04-2	HEXANEDIOIC ACID, POLYMER	-	-	-
25013-15-4	**VINYL TOLUENE**			
25013-16-5	PHENOL, (1,1-DIMETHYLETHYL)-4-METHOXY- C1	-	-	-
25014-41-9	ACRYLONITRILE POLYME	-	-	-
25035-71-6	BENZENESULFONAMIDE,METHYL POLYMER WIT	-	-	-
25035-81-8	ACRYLIC COPOLYMER	-	-	-
25036-13-9	UREA,FORMALDEHYDE,TRIAZINETRIAMINE POL	-	-	-
25036-25-3	BISPHENOL A, BISPHENOL A DGE POLYMER	-	-	-
25037-45-0	CARBONIC ACID,POLYMER W/ 4,4'-(METHYLETH	-	-	-
25038-04-4	1,2,3-PROPANETRIOL, POLYMER WITH (CHLORC	-	-	-
25038-54-4	POLYIMINO OXO HEXANEDIYL (C6H11NO)N	-	-	-
25038-59-9	POLYETHYLENE TEREPHTHALATE	-	-	-
25038-81-7	BENZODIFURAN, 1,3,5,7, TETRONE WITH OXYBIS	-	-	-
25067-21-4	BENZENEDICARBOXYLIC ACID,POLYMER W/DEC	-	-	-
25067-59-8	9H-CARBAZOLE, 9-ETHENYL-, HOMOPOLYMER	-	-	-
25068-38-6	PHENOXY RESIN	-	-	-
25070-22-8	PHOSPHINIC ACID,PHENYL-,ZINC SALT C6H7O2	-	-	-
25085-02-3	2-PROPENOIC ACID,SODIUM SALT,POLYMER WI	-	-	-
25085-50-1	PHENOL, 4-(1,1-DIMETHYLETHYL)-, POLYMER W	-	-	-
25085-75-0	BISPHENOL A, FORMALDEHYDE RESIN	-	-	-
25085-82-9	ACETIC ACID ETHENYL ESTER,POLYMER W/ CH	-	-	-
25085-99-8	OXIRANE,2,2'(1-METHYLETHYLIDENE)BIS(4,1-PH	-	-	-
25086-15-1	2-PROPENOIC ACID,2-METHYL-,POLYMER W/2-M	-	-	-
25086-36-6	ACETIC ACID ETHENYL ESTER POLYMER W/CHL	-	-	-
25086-48-0	ACETIC ACID ETHENYL ESTER POLYMER W/ CH	-	-	-
25087-06-3	2-BUTENEDIOIC ACID, MONOMETHYL ESTER PO	-	-	-
25101-45-5	ETHYLENE - CHLOROTRIFLUOROETHYLENE POI	-	-	-
25102-12-9	ETHYLENEDIAMINETETRAACETIC ACID DIPOTAS	-	-	-
25103-09-7	ACETIC ACID, MERCAPTO-, ISOOCTYL ESTER	-	-	-
25104-55-6	UREA POLYMER WITH FORMALDEHYDE AND PH	-	-	-
25119-62-4	2-PROPEN-1-OL, POLYMER WITH ETHYL BENZEI	-	-	-
251298-11-0	POLY(OXY-1,2-ETHANEDIYL), C16-18 ALKYL ETH	-	-	-
25134-01-4	POLY(2,6-DIMETHYL-P-PHENYLENE OXIDE)	-	-	-

25134-21-8	4,7-METHANOISOBENZOFURAN-1,3-DIONE,TETR	-	-	-
25154-52-3	PHENOL, NONYL	-	-	-
25154-53-4	ETHANE, DIMETHOXY	-	-	-
25155-15-1	BENZENE, METHYL(METHYLETHYL)-	-	-	-
25155-25-3	PEROXIDE,[1,3(OR1,4)-PHENYLENEBIS-(1-METH\	-	-	-
25155-30-0	BENZENESULFONIC ACID, DODECYL-, SODIUM S	-	-	-
25167-42-4	2-PROPENOIC ACID,2-METHYL-,OXRANYLMETH\	-	-	-
25167-67-3	**BUTYLENE**			
25167-70-8	DIISOBUTYLINE	-	-	-
25167-80-0	PHENOL, CHLORO-	-	-	-
25168-05-2	BENZENE, 1-CHLORO - 2/4 METHYL	-	-	-
25168-07-4	CYCLOHEXENE,ETHENYL-	-	-	-
25168-26-7	ACETICACID,(2,4-DICHLOROPHENOXY)-,ISOOCT	-	-	-
25190-06-1	POLY(OXYBUTANEDIYL),A-HYDRO-W-HYDROXY-	-	-	-
25213-24-5	ACETIC ACID ETHENYL ESTER, POLYMER WITH	-	-	-
25213-39-2	2-PROPENOIC ACID,2-METHYL-,BUTYL ESTER,P(	-	-	-
25248-17-3	ETHYLENE GLYCOL-PHTHALIC ANHYDRIDE POL	-	-	-
25265-71-8	**PROPANOL, OXYBIS**		**00107-21-1**	
25265-77-4	PROPANOIC ACID, 2-METHYL-MONOESTER W/ 2	-	-	-
25304-04-5	CYCLOHEXANEBUTYRAMIDE,N-(3-CHLORO-1,4-D	-	-	-
25316-40-9	NAPTHACENEDIONE[(3-AMINO-2,3,6 TRIEOXY HE	-	-	-
25321-14-6	**DINITROTOLUENE**			
25321-22-6	DICHLOROBENZENE	-	-	-
25321-41-9	BENZENE SULFONIC ACID, DIMETHYL	-	-	-
25322-68-3	POLYETHYLENE GLYCOL	-	-	-
25322-69-4	POLYPROPYLENE GLYCOL	-	-	-
25338-51-6	BUTYL STYRENE, T-	-	-	-
25338-55-0	DIMETHYLAMINOMETHYLPHENOL C9H13NO	-	-	-
25339-17-7	ISODECANOL	-	-	-
25339-53-1	DECENE	-	-	-
25339-56-4	HEPTENE	-	-	-
25340-17-4	BENZENE, DIETHYL-	-	-	-
25359-84-6	PHENOL,POLYMER W/2,6,6,TRIMETHYLBICYCLO	-	-	-
25376-45-8	TOLUENE DIAMINE	-	-	-
25377-73-5	2,5-FURANDIONE, 3-(DODECENYL)DIHYDRO-	-	-	-
25377-83-7	OCTENE	-	-	-
25395-31-7	1,2,3 - PROPANETRIOL,DIACETATE	-	-	-
25429-37-2	PHENOL, EHTYL-	-	-	-
25448-25-3	PHOSPHOROUS ACID, TRIISODECYL ESTER	-	-	-
254900-07-7	2-PROPENOIC ACID, 2-METHYL-,HEXAHYDRO-2-(	-	-	-
25498-49-1	PROPANOL,[2-(2-METHOXYMETHYLETHOXY)MET	-	-	-
25510-11-6	**LEAD CARBONATE**	**Pb**	**07439-92-1**	
25550-14-5	BENZENE, ETHYLMETHYL	-	-	-
25550-51-0	METHYLHEXAHYDROPHTHALIC ANHYDRIDE	-	-	-
25551-13-7	**TRIMETHYL BENZENE**			
25551-28-4	NAPHTHALENE DIISOCYANATE	-	-	-
25584-83-2	2-PROPENOIC ACID, MONOESTER WITH 1,2-PRC	-	-	-

25610-19-9	1,2-BENZENEDICARBOXYLIC ACID, POLYMER W	-	-	-
25638-17-9	NAPTHALENE SULFONIC ACID, BUTYL, SODIUM	-	-	-
25639-42-3	**METHYL CYCLOHEXANOL**			
25646-71-3	METHANE SULFONAMIDE.....	-	-	-
25686-28-6	BENZENE, 1,1' METHYLENEBIS[4-ISOCYANATO]	-	-	-
25721-76-0	POLYGLYCOL DIMETHYLACRYLATE	-	-	-
25723-16-4	POLY[OXY(METHYL-1,2-ETHANEDIYL)]-	-	-	-
25751-21-7	2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH	-	-	-
25767-47-9	2-PROPENOIC,BUTYLESTER, POLYMER WITH ET	-	-	-
25791-96-2	**POLYOXYPROPYLENE**		**00107-21-1**	
25805-17-8	OXAZOLE,2-ETHYL-4,5-DIHYDRO,-HOMOPLOYME	-	-	-
25826-34-0	ANTHRACENESULFONIC ACID, METHBIS PHENA	-	-	-
25852-47-5	GLYCOLS,POLYETHYLENE,DIMETHYACRYLATE	-	-	-
25869-00-5	FERRIC AMMONIUM FERRICYANIDE	-	-	-
25928-94-3	DIETHYLENE GLYCOL-EPICHLOROHYDRIN POLY	-	-	-
25956-17-6	2NAPHTHSULFAC,6HYDROX5(2METHOX5METH4	-	-	-
25971-63-5	BISPHENOL A PHOSGENE POLYCARBONATE	-	-	-
25973-55-1	PHENOL,2-(2H-BENZOTRIAZOL-2-YL)-4,6-BIS(1,1-	-	-	-
26006-22-4	TRIMETHYL [(....PROPENYL OXY)] POLYMER	-	-	-
26027-38-3	POLY(OXY-1,2-ETHANEDIYL),-A-(4-NONYLPHENY	-	-	-
26098-55-5	HEXAMETHYLENEDODECANEDIAMIDE POLYMEI	-	-	-
26115-70-8	1,3,5 TRIAZINE 1,3,5, TRIS (3-TRIMETHOXY SILYL	-	-	-
26125-40-6	DICHLOROBENZENE,P- -SODIUM SULFIDE POLY	-	-	-
26140-60-3	**TERPHENYLS**			
26172-54-3	ISOTHIOAZOLANE, 2-METHYL, HCL	-	-	-
26172-55-4	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	-	-	-
26254-89-7	DIETHYL BUTYRAL	-	-	-
26264-05-1	BENZENESULFONIC ACID,DODECYL-,COMPD. W	-	-	-
26299-47-8	2-PROPENOIC ACID,BUTYL ESTER,POLYMERW/I	-	-	-
26301-10-0	GLUCOPYRANOSIDE POLYMER WITH OXIRANE	-	-	-
26316-40-5	1,2-ETHANEDIAMINE, POLYMER WITH 2-METHYL	-	-	-
26352-16-9	SILICIC ACID, ETHYL ESTER HOMOPOLYMER	-	-	-
26375-23-5	HEXANEDIOIC ACID,POLY W/ 1,4-BUTANEDIOL &	-	-	-
26376-86-3	PROPENOIC ACID,ETHYL ESTER,POLYMER WITI	-	-	-
26401-85-4	ACETIC ACID, ((BIS(2-ETHEX)STANNYLENE)DITH	-	-	-
26419-73-8	CARBAMIC ACID, METHYL-, O- ((2,4-DIMETHYL...	-	-	-
26447-10-9	BENZENE SULFONIC ACID DIMETHYL AMMONIUI	-	-	-
26447-14-3	OXIRANE, (METHYLPHENOXY)METHYL - C10H1;	-	-	-
26447-40-5	**BENZ METHBIS ISOCYANATE**		**00101-68-8**	
26471-45-4	BENZENE, 1,3-DIETHENYL-, POLYMER WITH 1,3-	-	-	-
26471-62-5	**TOLUENE DIISOCYANATE**			
26472-00-4	DIMETHYLDICLOPENTADIENE	-	-	-
26519-91-5	**METHYLCYCLOPENTADIENE**		**00542-92-7**	
26523-14-8	HEXANEDIOIC ACID, POLYMER W. 1,2 ETHANED	-	-	-
26523-64-8	ETHANE,TRICHLOROTRIFLUORO- C2CL3F3	-	-	-
26530-03-0	ISOTHIAZOLANE, 5-CHLORO-2 METHYL, HCL	-	-	-
26545-49-3	**MERCURY, NEODEC, PHEN**			

26570-48-9	POLYETHYLENE GLYCOL DIACRYLATE	-	-	-
26576-46-5	5-ACETOACETAMIDO-2-BENZIMIDAZOLONE	-	-	-
26590-20-5	METHYLTETRAHYDRO PTHALIC ANHYDRIDE C9	-	-	-
26628-22-8	**SODIUM AZIDE**			
266308-58-1	2-PROPENOIC ACID, 2-METHYL-, 1-ETHYLCYCLO	-	-	-
26635-93-8	POLY(OXY-1,2-ETHANEDIYL), (9Z)-9-OCTADECEN	-	-	-
26644-00-8	DIPHOSPHORIC ACID, P,P'-DIMETHYL ESTER	-	-	-
26655-24-3	GLYCEROL-PHTHALIC ANHYDRIDE COPOLYMER	-	-	-
26750-50-5	ETHENE,1,1'-[OXYBIS(METHYLENESULFONYL)]BI	-	-	-
26761-40-0	**DIISODECYL PHTHALATE**		**00084-66-2**	
26780-96-1	QUINOLINE,1,2,-DIHYDRO-2,2,4-TRIMETHYL-,HOM	-	-	-
26898-17-9	BENZENE, METHYLBIS(PHENYLMETHYL)-	-	-	-
26915-12-8	BENZENAMINE, AR-METHYL- (9CI)	-	-	-
26952-21-6	**ISOOCTYL ALCOHOL**			
26998-80-1	PHENOL, TRIMETHYL	-	-	-
27029-76-1	FORMALDEHYDE, POLYMER WITH 3-METHYLPHI	-	-	-
27083-55-2	HEXANEDIOIC ACID, POLYMER MIXTURE	-	-	-
27136-73-8	1-HYDROXYETHYL 2-HEPTADECENYL IMIDOZLIN	-	-	-
27137-85-5	TRICHLORO(DICHLOROPHENYL)SILANE	-	-	-
27138-31-4	DIPROPYLENE GLYCOL DIBENZOATE	-	-	-
27176-87-0	DODECYL BENZENESULFONIC ACID	-	-	-
27177-77-1	BENZENESULFONIC ACID, DODECYL-, POTASSIU	-	-	-
27193-28-8	OCTYL-PHENOL	-	-	-
27193-86-8	PHENOL, DODECYL	-	-	-
27215-95-8	NONENE	-	-	-
27234-35-1	ADIPIC ACID, POLY W/ DIET GLYCOL & MEENEDI	-	-	-
27253-28-7	LEAD NEODECANOATE	-	-	-
27253-29-8	ZINC NEODACANOATE	-	-	-
27253-31-2	NEODECANOIC ACID, COBALT SALT	-	-	-
27274-31-3	POLY(OXYETHYLENE)ALLYL ETHER	-	-	-
27323-41-7	BENZENSULFONACID,DODECYL,COMPDW/2,2',2'	-	-	-
27360-07-2	ACETIC ACID ETHYENYL ESTER, POLYMER	-	-	-
273723-18-5	TRIETHYL BORATE - B11 ENRICHED	-	-	-
27425-55-4	2H-1-BENZOPYRAN-2-ONE, 3-(1H-BENZIMIDAZOL	-	-	-
27479-28-3	BENZENEMETHANAMINIUM, N-DODECYL-AR-ETH	-	-	-
27495-71-2	CYCLOTRISILANE 2,2,4,4,6,6, HEXAMETHYL	-	-	-
27546-07-2	MOLYBDATE, DIAMMONIUM SALT	-	-	-
27553-55-5	ACRYLIC POLYMER	-	-	-
27554-26-3	**DIISOOCTYLPHTHALATE**		**00084-66-2**	
27776-01-8	BENZENE, METHYL(PHENYLMETHYL)-	-	-	-
27804-64-4	TETRAETHYL SILANEDIAMINE	-	-	-
27813-02-1	HYDROXYPROPYL METHACRYLATE	-	-	-
27858-32-8	TITANIUM,BIS(ETHYL 3-OXO BUTANOATO)BIS(2-I	-	-	-
27896-84-0	1H-BENZENIMADOLE, 5 NITRO, MONONITRATE	-	-	-
27924-99-8	OCTADECANOIC ACID, 12-HYDROXY-, HOMOPOL	-	-	-
28005-74-5	TOLYLDIETHANOLAMINE, O-	-	-	-
28064-14-4	PHENOL, POLYMER WITH FORMALDEHYDE, GLY	-	-	-

28106-30-1	BENZENE, ETHENYLETHYL-	-	-	-
28164-14-4	PHENOL, POLYMER WITH FORMALDEHYDE, GLY	-	-	-
28182-81-2	**HDI POLYMER**			
28213-80-1	BENZENE ETHENYL-, TRIMER	-	-	-
28300-74-5	TARTAR EMETIC	-	-	-
28347-13-9	XYLYLENE DICHLORIDE	-	-	-
28453-20-5	FORMALDEHYDE, POLYMER W/ PHENOL	-	-	-
28473-03-2	PROPIONICACID,2- (4-CHLORO-O-TOLYL)OXY -,IS	-	-	-
28553-12-0	1,2-BENZENEDICARBOXYLIC ACID, DIISONONYL	-	-	-
28556-81-2	BENZENE, 2-ISOCYANATO-1,3-DIMETHYL-	-	-	-
28605-74-5	ETHANE, TETRACHLORODIFLUORO- C2CL4F2	-	-	-
28724-32-5	POLYETHOXYLATED QUARTERNARY AMMONIUM	-	-	-
28768-32-3	2-OXIRANEMETHANAMINE, -(METHYLENEDI-4,1-F	-	-	-
28772-56-7	**BROMADIOLONE**			
28906-13-0	PHOSGENE TETRABROMOBISPHENOL A COPOL	-	-	-
28906-96-9	FORMALDEHYDE, POLYMER WITH 2-(CHLOROMI	-	-	-
28961-43-5	POLY(OXY-1-2,ETHANEDIYL) HYDRO ETHER	-	-	-
28984-69-2	4,4(5H)OXAZOLEDIMETHANOL,2(HEPTADECENYI	-	-	-
29061-63-0	TRIETHYLAMINE DODECYLBENZENESULFONATI	-	-	-
29081-56-9	1-OCTANE SULFONIC ACID, HEPTADECCAFLUOI	-	-	-
29082-74-4	**OCTACHLOROSTYRENE**			
29086-67-7	PHENOL (METHYLETHYLIDENE)BIS-, POLYMER	-	-	-
29117-08-6	POLYOXYETHDIYLALPHETHEPTDECFLUOROCT	-	-	-
29191-52-4	**ANISIDINE**			
29240-17-3	PROPANE PEROXOIC ACID, 2,2-DIMETHYL-,1,1-D	-	-	-
29316-68-5	HEXANEDIOIC ACID, POLYMER WITH 1-PIPERAZ	-	-	-
29385-43-1	1H-BENZOTRIAZOLE, 6(OR 7)-METHYL-	-	-	-
29387-86-8	PROPANOL, -BUTOXY-	-	-	-
29420-49-3	1-BUTANESULFONIC ACID, 4-NONAFLUORO-, PO	-	-	-
29434-03-5	1,2 PROPANEDIOL POLYMER WITH METHOXY O	-	-	-
29457-72-5	LITHIUM (PERFLUOROOCTYL)SULFONATE	-	-	-
29690-82-2	FORMALDEHYDE, POLYMER WITH (CHLOROMET	-	-	-
297156-50-4	2-METHYL-2-PROPENOIC ACID 2-(1-METHYLETH	-	-	-
29733-70-8	TOLUENE, TETRACHLORO- C7H4CL4	-	-	-
29756-38-5	BROMOPENTANE	-	-	-
29761-21-5	PHOSPHORIC ACID ISODECYL DIPHENYL ESTEF	-	-	-
29797-40-8	TOLUENE, DICHLORO- C7H6CL2	-	-	-
29812-79-1	DECYL HYDROXYLAMINE, O-	-	-	-
29911-28-2	2-PROPANOL,1-(2-BUTOXY-1-METHYLETHOXY)	-	-	-
30136-13-1	PROPANOL, 1(OR 2)-PROPOXY-	-	-	-
30395-18-7	2-PROPENOIC ACID,2-METHYL-,METHYL ESTER,	-	-	-
30414-53-0	PENTANOIC ACID, 3-OXO-, METHYL ESTER	-	-	-
30499-70-8	1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHY	-	-	-
30525-89-4	PARAFORMALDEHYDE (CH2O)X	-	-	-
30583-33-6	TOLUENE, TRICHLORO- C7H5CL3	-	-	-
30640-46-1	CYCLOHEXADINE, METHYL-	-	-	-
30674-80-7	METHACRYLOYLOXYETHYL ISOCYANATE	-	-	-

308103-54-0	TETRAKIS (ETHYLMETHYLAMINO) TITANIUM	-	-	-
30944-53-7	BICYC221HEPTDICARBOXHEXCHLORPOLYW/22I	-	-	-
31177-62-5	METHYLOXIRANE POLYMER WITH OXIRANE	-	-	-
31242-93-0	**PHENYL ETHER, HEXACHLORO DERIV.**			
31291-60-8	PHENOL BIS (1-METHYLPROPYL)	-	-	-
31394-54-4	ISOHEPTANE	-	-	-
31452-80-9	1,3, PROPANDIOL, 2-ETHYL-2(HYDROXYMETHYL	-	-	-
31533-76-3	BENZENE, BIS(PHENOXYPHENOXY)-	-	-	-
31566-31-1	GLYCEROL MONOSTERATE	-	-	-
31570-04-4	PHENOL,2,4-BIS(1,1-DIMETHYLETHYL)-,PHOSPHI	-	-	-
31645-35-9	9-ANTHRACENYLMETHYL METHACRYLATE	-	-	-
31694-55-0	POLY(OXY-1,2-ETHANEDIYL), '-1,2,3-PROPANETF	-	-	-
31775-20-9	P-ACETOACETOPHENETIDIDE,(DICHLORO,BIPHI	-	-	-
31778-10-6	BENZOICHYDROXOBENZIMIDAZOLYLAMINCARB	-	-	-
31837-42-0	CI PIGMENT YELLOW 151	-	-	-
32131-17-2	POLY(IMINO(1,6-DIOXO-1,6-HEXANEDIYL)IMINO-1	-	-	-
32281-85-9	CYCLOPENTANE, 1,3,-DIMETHYL-2-(1-METHYLET	-	-	-
32458-06-3	2-PROPENOIC ACID, 2-METHYL, BUTYL ESTER, F	-	-	-
32505-78-5	POLYHEXANEDIOIC,FURANDIONE,ISOBENZOFUI	-	-	-
32534-81-9	PENTABROMODIPHENYL ETHER	-	-	-
32536-52-0	OCTABROMODIPHENYL ETHER	-	-	-
32609-65-7	TETRAMETHYLAMMONIUM PERFLUOR OCTANO/	-	-	-
32610-77-8	FORMALDEHYDE, POLYMER WITH N1,N2-BIS(2-A	-	-	-
32686-95-6	PROPANOL, 1(OR 2)-(2-HYDROXYMETHYLETHOX	-	-	-
32718-54-0	METHOXY ETHANOL	-	-	-
32791-31-4	3BUTENAL,2METHYL4(266TRIMETHYL1CYCLOHE	-	-	-
33419-42-0	FURO[3'4':6,7]NAPTHO[2,3]-1,3,DIOXOL-6-ONE 9-[I	-	-	-
33429-70-8	BENZENE, 1,2,4-TRICHLORO-5-(DICHLOROMETH	-	-	-
33667-48-0	TRIS(2-HYDROXYETHYL)METHYL AMMONIUM HY	-	-	-
34149-92-3	ACETIC ACID, POLYMER WITH CHLOROETHENE	-	-	-
34375-28-5	2-(HYDROXYMETHYLAMINO)ETHANOL C3HGNO	-	-	-
34443-12-4	CARBONOPEROXOIC ACID,OO-(1,1-DIMETHETH)	-	-	-
34590-94-8	**DIPROPGLYCOLMETHETHR**			
34762-90-8	BORON, TRICHLORO 9N,N-DIMETHYL-1-OCTANA	-	-	-
35112-53-9	BARIUM THIOSULFATE	-	-	-
351197-82-5	2-PROPENOIC ACID, 2-METHYL-, 3-HYDROXYTRI	-	-	-
35194-36-6	4-HEXENOIC ACID	-	-	-
352535-01-4	ETHANAMINE, N-METHYL-, HAFNIUM(4+) SALT (4	-	-	-
35296-72-1	**BUTANOL**		**00071-36-3**	
35297-54-2	FORMALDEHYDE, POLYMER W/ AMMONIA AND F	-	-	-
35320-23-1	1-PROPANOL, 2 AMINO	-	-	-
35355-77-2	**PIGMENT RED**		**07439-96-5**	
35400-43-2	**SULPROFOS**			
35545-57-4	POLYOXYETHYLENE 2-NAPHTHYLETHER	-	-	-
35915-19-6	BENZOIC ACID, 2,4 (OR 2,5)-DICHLORO-	-	-	-
36088-22-9	PENTACHLORODIBENZODIOXIN	-	-	-
36311-34-9	ISOHEXADECANOL	-	-	-

36443-68-2	TRIETHYLENE GLYCOL (3-TERT-BUTYL-4-HYDRC	-	-	-
36511-35-0	TETRABROMOBISPHENOL C12H6BR4O2	-	-	-
36653-82-4	HEXADECANOL, 1-	-	-	-
36768-62-4	4-PIPERIDINAMINE, 2,2,6,6-TETRAMETHYL-	-	-	-
36813-24-8	1-PROPENE,CHLORO	-	-	-
36888-99-0	2,4,6-(1H,3H,5H)-PYRIMIDINETRIONE,5,5'-(1H-ISO	-	-	-
37086-84-3	1,2-PROPANEDIOL, 1-BENZOATE	-	-	-
37187-22-7	PENTANEDIONE PEROXIDE, 2,4-	-	-	-
37187-64-7	**GOLD CYANIDE**	**CN**	**00057-12-5**	
37189-83-6	OCTADECADIENOIC ACID DIMER POLYMER WITI	-	-	-
37211-44-2	SYLGARD	-	-	-
37262-36-5	METHANE, TRICHLOROFLUORO-, MIXT. WITH NI	-	-	-
37300-23-5	ZINC CHROMATE	-	-	-
37309-58-3	DECENE HOMOPOLYMER	-	-	-
37311-04-9	POLYETHYLENE-POLYPROPYLENE GLYCOL MO	-	-	-
37324-23-5	**PCB AROCLOR 1262**			
37340-17-3	DICOCO-DIMETHYL AMMONIUM CHLORIDE	-	-	-
37340-60-6	POLYETHYLENE GLYCOL NONYLPHENYL ETHEF	-	-	-
37382-79-9	FORMALDEHYDE,POLYMER(CHLOROMETHYL)O:	-	-	-
37918-04-0	BUTENEDIOIC ACID (Z)-, BUTYL METHYL ESTER,	-	-	-
37955-94-8	PHENOL, 4,4',4''-ETHYLIDYNETRIS-	-	-	-
37999-57-8	MEISOBENZFURDIONEHEXCHLORTETHYDPOLY	-	-	-
38465-55-3	**NICKEL, BIS [1-(DIMETYLAMINO)..**	**Ni**	**07440-02-0**	
38465-60-0	BORATE(1-), TETRAFLUORO-, COPPER(2+) (2:1)	-	-	-
38719-68-5	HEXANES	-	-	-
38848-67-8	BROMINATED SALICYLAIDES	-	-	-
38888-98-1	BENZENE, (PHENYLETHYL)-	-	-	-
38954-75-5	TETRADECYLGLYCIDYLETHER	-	-	-
39049-04-2	ZIRCONIUM NEODECANOATE	-	-	-
39196-18-4	THIOFANOX	-	-	-
39310-05-9	BENZENE, 1,1'-METHYLENEBIS[ISOCYANATO-, H	-	-	-
39317-51-6	PV RED PH	-	-	-
39359-45-0	2-PROPENENITRILE,POLYW/ETBENZ&PROPTRIY	-	-	-
39393-37-8	**DIALKYL PHTHALATES**		**00084-66-2**	
39409-82-0	CARBONIC ACID MAGNESIUM SALT (1:1), MIXT. \	-	-	-
39413-47-3	**BERULLIUM ZINC SILICONE**	**Be**	**07440-41-7**	
39432-81-0	ETHANE, CHLOROPENTAFLUORO-, MIXT. W/ CHI	-	-	-
39472-40-7	SULFIDE, BIS(2-CHLOROETHYL)	-	-	-
39878-87-0	BENZENEACETYL CHLORIDE, A-AMINO-, HYDRO	-	-	-
40192-64-1	1,3-ISOBENZOFURANDIONE,POLYW/2PROPEOXI	-	-	-
40487-42-1	**PENDIMETHALIN**			
406623-75-4	ACRYLAMIDO-2-METHYLPROPANESULFONIC AC	-	-	-
41053-30-9	DIBROMOETHYLBENZENE	-	-	-
41487-42-1	PENDIMETHALIN	-	-	-
41556-26-7	BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBA	-	-	-
41575-94-4	PLATINUM, DIAMINE [1,1,-CYCLOBUTANEDICARE	-	-	-
41637-38-1	ETHOXYLATED BISPHENOL A DIMETHACRYLATE	-	-	-

41638-13-5	DIPROPYLENE GYLCOL DIGLYCIDYL ETHER	-	-	-
425670-64-0	SULFONIUM, (4-CYCLOHEXYLPHENYL)DIPHENYI	-	-	-
425670-97-9	SULFONIUM, TRIPHENYL-, SALT WITH 2-(TRIFLU	-	-	-
42579-89-5	**BARIUM LEAD SULFATE**	**Pb**	**07439-92-1**	
42616-99-9	KRYLON	-	-	-
42874-96-4	BENZENE, 2-CHLORO-1-(3-METHYLPHENOXY)-4-	-	-	-
431059-71-1	SULFONIUM, DIPHENYL(2,4,6-TRIMETHYLPHENY	-	-	-
43143-11-9	SULFURIC ACID MAGNESIUM SALT (1:1)	-	-	-
440081-38-9	TAIMATA	-	-	-
468758-22-7	L-LYSINE,...	-	-	-
476481-15-9	SULFONIUM, DI-1-NAPHTHALENYLPHENYL-, SAL	-	-	-
477705-47-8	2-PROPENOIC ACID, 2-METHYL-, 9-ANTHRACEN\	-	-	-
49744-28-7	2-NAPHTHALENOL,1- (4-METHOXY-2-NITROPHEN	-	-	-
50641-17-3	TOLUSOL 5	-	-	-
50642-23-4	ISOPROPYL METHYL FLUOROPHOSPHONATE	-	-	-
50642-24-5	PINACOLYL METHYLPHOSPHONOFLUORIDATE	-	-	-
50782-69-9	PHOSPHONOTHIOIC ACID, METHYL-, S-(2-(BIS...	-	-	-
50813-54-2	AZ111 S PHOTO RESIST	-	-	-
50864-70-5	WINGSTAY 100	-	-	-
50922-29-7	CHROMIUM ZINC OXIDE	-	-	-
50936-05-5	TINUVIN	-	-	-
50977-65-6	2-BUTENEDIOIC ACID (2Z)-, LITHIUM SALT (1:2)	-	-	-
51142-87-1	SODIUM TITANIUM OXIDE	-	-	-
51200-87-4	OXAZOLIDINE, 4,4' DIMETHYL	-	-	-
51207-31-9	**TCDFURAN, 2, 3, 7, 8**		**01746-01-6**	
51274-00-1	C.I. PIGMENT YELLOW 42	-	-	-
51344-62-8	POLY(OXY-1,2 ETHANDIYL.....	-	-	-
51365-70-9	2,4,6,-TRIS((DIMETHYL AMINO)METHYL)PHENOL	-	-	-
51404-69-4	**LEAD ACETATE**	**Pb3**	**07439-92-1**	
51821-82-0	GLYCINE, N-METHYL-N-9-OCTADECENYL-, SODI	-	-	-
51931-46-5	**NICKEL AZO YELLOW**	**Ni**	**07440-02-0**	
52125-53-8	PROPANOL, 1(OR 2)-ETHOXY	-	-	-
52299-20-4	1-PROPANOL, 2-((HYDROXYMETHYL)AMINO)-2-M	-	-	-
52315-07-8	**CYPERMETHRIN**		**08003-34-7**	
52320-66-8	BUTANAMIDE,2- (4-CHLORO-2-NITROPHENYL)AZ	-	-	-
52340-65-5	TRIBROMOPHENYL-2,4,6	-	-	-
52365-46-5	METHANOL, MIXT. W/ IODINE, PYRIDINE AND SU	-	-	-
52623-95-7	POLY(OXY-1,2-ETHANEDIYL),-[(1,1,3,3-TETRAME	-	-	-
52645-53-1	**PERMETHRIN**		**08003-34-7**	
52698-46-1	1,1,1-TRIMETHOXY-2-METHYLPROPANE	-	-	-
52829-07-9	DECANEDIOIC ACID,BIS(2,2,6,-TETRAMETHYL-4-I	-	-	-
53108-50-2	**COBALT COMPLEX**	**Co**	**07440-48-4**	
53127-09-6	DAXAD 11KLS	-	-	-
53148-32-6	HEXANOIC ACID, 2-ETHYL-,1,4-CYCLOHEXANEDI	-	-	-
53192-18-0	2-PROPENOIC ACID, POLYMER	-	-	-
532411-47-5	BIS(2-METHYL-4-(N-HEXYLOXY)PHENYLSULFON\	-	-	-
53317-61-6	1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHY	-	-	-

53339-36-9	2-PROPANOL, TITANIUM(4+) SALT (4:1), HOMOPC	-	-	-
53408-94-9	METHANESULFONIC,TIN (2+) SALT	-	-	-
53469-21-9	**PCB AROCLOR 1242**			
53558-25-1	PYRIMINIL	-	-	-
53800-76-3	ALUMINUM ZIRCONIUM SILICATE	-	-	-
53879-54-2	TRIMETHYLOLPROPANE PROPOXYLATE TRIACF	-	-	-
53880-05-0	CYCLOHEXANE, 5-ISOCYANATO-1-ISOCYANATO	-	-	-
54193-36-1	2-PROPENOIC ACID,2-METHYL-HOMOPOLYMER	-	-	-
54208-63-8	METHYLENEBIS[2-GYLCIDYLOXYPHENYL]	-	-	-
54253-62-2	METHANESULFONIC ACID, COPPER(2+) SALT	-	-	-
54303-31-0	1-PROPANAMINE, 3-(METHOXYETHOXY)-	-	-	-
54578-28-8	THERMINOL 66	-	-	-
54579-44-1	BISPHENOL A 4-TERT-BUTYLPHENOL FORMALD	-	-	-
54644-32-5	OXIRANE 2,3 BIS(1-METHYLETHYL)TRANS	-	-	-
54827-17-7	3,3',5,5'-TETRAMETHYLBENZIDINE	-	-	-
548392-46-6	1-ETHOXY-2-PROPANOL ACETATE	-	-	-
54914-37-3	CYCLOHEXANEMETHANAMINE....	-	-	-
55107-14-7	PENTANOIC ACID, 4,4-DIMETHYL-3-OXO-, METHY	-	-	-
55170-80-4	1-DECANE, 2,4, DI, METHYL	-	-	-
55285-14-8	CARBAMIC ACID, ((DIBUTAM)THIO)ME23DIHYD22	-	-	-
55406-53-6	CARBAMIC ACID, BUTYL-,3-IODO-2-PROPYNYLES	-	-	-
55566-30-8	**PHOSPHONIUM HYDR METHYL SUL**			
55700-14-6	**Cd CYCLOHEXANE BUTY**	**Cd**	**07440-43-9**	
55720-99-5	CHLORINATED DIPHENYL OXIDE	-	-	-
55794-20-2	ETHYL-3,3 DI(T-BUTYLPEROXIDE)--BUTYRATE	-	-	-
55901-03-6	POLY(OXY-1,2-ETHANEDIYL), -5-METHYL-2,3-BIS	-	-	-
55934-93-5	**TRIPROPYLENE GLYCOL BUTYL ET**		**00110-80-5**	
56047-23-5	MONO SODIUM-4-CHLOROPHTHALATE C8H5CL(	-	-	-
56091-19-1	SULFONATE A	-	-	-
56093-56-2	AZ303 DEVELOPER	-	-	-
56189-09-4	**LEAD STEARATE**	**Pb2**	**07439-92-1**	
56275-01-5	SILANOL-TRIMETHYLSILYL MODIFIED Q RESINS	-	-	-
56539-66-3	3-METHOXY-3-METHYLBUTANOL	-	-	-
56599-78-1	1,3 DIOXALANE, 4 ETHYL 4 METHYL 2 PENTADEC	-	-	-
56773-42-3	ETHANAMINIUM, N,N,N,-TRIETHYL-,SALT W/ 1,1,2	-	-	-
56902-79-5	SILICIC ACID,ZINC ZIRCONIUM SALT	-	-	-
57018-52-7	2-PROPANOL,1-(1,1-DIMETHYL ETHOXY)-	-	-	-
57110-29-9	1,3, ISOBENZOFUANDIONE, HEXAHYDRO-4-METI	-	-	-
57158-29-9	ALUMINUM ZIRCONIUM TETRACHLOROHYDREX	-	-	-
57455-37-5	CI PIGMENT BLUE 29	-	-	-
57472-68-1	2-PROPENOIC ACID, 1,1'-[OXYBIS(METHYL-2,1-E	-	-	-
57583-54-7	PHOSPHORIC ACID, 1,3-PHENYLENE TETRAPHE	-	-	-
57653-85-7	**HEXA-CDD**			
57852-57-0	1,2, NAPHTHACENEDIONE, 9-ACETYL-7-[(3-AMIN	-	-	-
58048-89-8	2-PROPENOIC ACID, 2-METHYL POLYMER W/ BU	-	-	-
58050-75-2	2-PROPENENITRILE,POLYW/ETHENYLBENZ,MEC	-	-	-
58270-08-9	ZINC, DICHLORO(4-DIMETHYL-5-((((METHYLAMIN	-	-	-

58339-34-7	C.I. PIGMENT RED	-		-	-
58984-19-3	**DIETHYLEN GLYCOL ADIPATE**			**00110-80-5**	
59344-62-6	ETHANONE, 1,-(2-HYDROXY-5-NONYLPHENYL)-O	-		-	-
59355-75-8	**MAPP**				
60164-51-4	TETRAFLURO (TRIFLUROMETHYL) ETHOXY	-		-	-
60350-71-2	1,4-BENZENEDIOL, 2,5-DI-SEC-DODECYL-	-		-	-
60676-86-0	SILICA VITREOUS	-		-	-
60839-24-9	2-(CARBOMETHOXY) ETHYLTRICHLOROSILANE	-		-	-
61128-46-9	**ULTEM**			**NY075-00-5**	
61318-91-0	1H-IMIDAZOLE,1-[2-[[(4-CHLOROPHENYL)METHYI	-		-	-
61583-60-6	MOLYBDENUM ZINC OXIDE	-		-	-
61723-83-9	POLY(OXY-1,2-ETHANEDIYL,.ALPHA.-HYDRO-.OM	-		-	-
61788-32-7	**TERPHENYL HYDROGENATED**				
61788-37-2	HEXANOIC ACID, 2-ETHYL-, RARE EARTH SALTS	-		-	-
61788-46-3	AMINRS,COCO ALKYL	-		-	-
61788-47-4	FATTY ACIDS COCO	-		-	-
61788-49-6	LANOLIN ALCOHOL ACETATE	-		-	-
61788-63-4	AMINES, BIS(HYDROGENATED TALLON ALKYL) N	-		-	-
61788-66-7	FATTY ACIDS, VEGETABLE-OIL	-		-	-
61788-76-9	ALKANES,CHLORINATED	-		-	-
61788-77-0	RAYON	-		-	-
61788-97-4	EPOXY RESIN-HARDENER	-		-	-
61789-31-9	FATTY ACIDS, COCO, SODIUM SALTS	-		-	-
61789-36-4	NAPHTHENIC ACID, CALCIUM SALT	-		-	-
61789-40-0	1-PROPANAMINIUM, 3-AMINO-(CARBOXYMETHYI	-		-	-
61789-51-3	**COBALT NAPHTHENATE**		**Co**	**07440-48-4**	
61789-52-4	FATTY ACID COBALT SALT	-		-	-
61789-54-6	COCOA BUTTER ACIDS, SODIUM SALT	-		-	-
61789-60-4	PITCH	-		-	-
61789-65-9	RESIN ACIDS AND ROSIN ACIDS,ALUMINUM SAL	-		-	-
61789-71-7	QUATERNARY AMMONIUM COMPOUNDS, BENZY	-		-	-
61789-77-3	QUATERNARYAMMONIUMCOMPOUNDS,DICOCO	-		-	-
61789-85-3	PETROLEUM SULFONATES	-		-	-
61789-86-4	SULFONIC ACID CALCIUM SALT	-		-	-
61789-96-6	RUBBER, BUTADIENE-STYRENE	-		-	-
61789-97-7	TALLOW	-		-	-
61790-12-3	TALL OILS FATTY ACID	-		-	-
61790-14-5	**LEAD NAPHTHENATE**		**Pb**	**07439-92-1**	
61790-44-1	FATTY ACIDS, TALL-OIL, POTASSIUM SALTS	-		-	-
61790-48-5	SULFONIC ACID BARIUM SALT	-		-	-
61790-49-6	LARD, OIL, SULFURIZED	-		-	-
61790-51-0	RESIN ACIDS AND ROSIN ACIDS, SODIUM SALTS	-		-	-
61790-53-2	CELITE NO. 545(DIATOMACEOUS EARTH)	-		-	-
61790-85-0	AMINES, ETHOXYLATED	-		-	-
61791-00-2	ETHOXYLATED TALL-OIL FATTY ACIDS	-		-	-
61791-12-6	CASTOR OIL, ETHOXYLATED	-		-	-
61791-14-8	AMINES, COCO ALKYL, ETHOXYLATED	-		-	-

61791-17-1	AMINES, ROSIN, ETHOXYLATED	-	-	-
61791-18-2	ALIPHATIC ALCOHOL; ROSIN, EXHOXYLATED	-	-	-
61791-24-0	SOYBEAN OIL, ALKYL AMINE	-	-	-
61791-31-9	AMINES, COCO ALKYLBIS(2-HYDROXYETHYL)	-	-	-
61791-44-4	2,2' IMINOBIS (ETHANOL), N-TALLOW ALKYL DER	-	-	-
61791-55-7	N-TALLOW ALKYLTRIMETHYLENEDIAMINES	-	-	-
61815-07-4	FILAMID YELLOW 4G-COLOR INDEX NO. 148	-	-	-
62152-14-1	AMMONIUM POLYACRYLDIMETHYLTAURAMIDE	-	-	-
62168-88-1	FOMBLIN-Y VAC	-	-	-
62207-76-5	COBALT, ((2,2'-(1,2-ETHANEDIYLBIS(NITRILOMET	-	-	-
62576-71-0	POLY[OXY(METHYL-1-2-ETHANEDIYL],.ALPHA.-A(	-	-	-
62765-75-7	CETODAN	-	-	-
62859-02-3	PEGOL TDG 1250	-	-	-
62974-97-4	CALCIUM HYDROXIDE PHOSPHATE, HYDRATE	-	-	-
63022-07-1	XANTHYLIUM, ETOXCARBYLPHENBIETAMINDIME	-	-	-
63022-09-3	ETHANAMINIUM, CARBOXYPHEN...MOLYBDATE I	-	-	-
63022-10-6	XANTHYLIUM,(CARBOXYPHENYL)TUNGSTEN PH	-	-	-
63148-53-8	SILICONE RESIN	-	-	-
63148-55-0	SILOXANES, HYDRO TERMINATED ETHOXYLATE	-	-	-
63148-56-1	SILOXANES AND SILICONES, METHYL 3,3,3-TRIF	-	-	-
63148-57-2	SILOXANES AND SILICONES, ME HYDROGEN	-	-	-
63148-58-3	SILOXANES AND SILICONES, METHYL PHENYL	-	-	-
63148-60-7	SILOXANES AND SILICONES, DI-ME, HYDROXY-T	-	-	-
63148-62-9	**POLYDIMETHYLSILOXANE**		**00556-67-2**	
63148-64-1	POLYVINYL FORMAL RESIN	-	-	-
63148-65-2	VINYL ACETAL POLYMERS	-	-	-
63149-47-3	ETHANOL,2,2'-IMINOBIS-,CMPD. WITH SULFUR D	-	-	-
63217-13-0	BUTANEDIOIC ACID,SULFO-1,4-BIS(DIMETHYLHE	-	-	-
63231-48-1	AMINES, ALKYL	-	-	-
63231-65-2	HYDROXY TERMINATED POLYBUTADIENE	-	-	-
63231-67-4	SILIA GEL	-	-	-
63368-95-6	BENZENE[1,3, DIISOCYANATOMETHYL]POLYMEI	-	-	-
63449-39-8	PARAFFIN WAXES AND HYDROCARBON WAXES	-	-	-
63450-15-7	ACETIC ACID ETHENYL ESTER, POLYMER	-	-	-
63451-34-3	[2,2'-BIQUINOLINE]-4,4'-DICARBOXYLIC ACID, PO	-	-	-
63470-53-1	GOLD, DIMETHYL (1,1,1, TRIFLURO-2,4-PENTANE	-	-	-
63589-59-3	SULFURIC ACID, IRON (2+) SALT, COMPD. WITH	-	-	-
63868-62-2	MORPHOLINE, 3,4-DIMETHYL-2-PHENYL-, 2,3-DIH	-	-	-
63980-89-2	PHOSPHOROTHIOIC ACID,O-ETH S-4-METHPHEN	-	-	-
63989-70-8	BORIC ACID (H2B4O7), DISODIUM SALT, HEPTAH	-	-	-
64147-45-1	MANGANESE RUBINE RED 2B	-	-	-
64365-06-6	ALKANES, ISO-	-	-	-
64475-85-0	PETROLEUM SPIRITS	-	-	-
64665-57-2	TOLYL TRIAZOLE SODIUM SALT	-	-	-
64741-41-9	NAPHTHA (PETROLEUM), HEAVY STRAIGHT-RUN	-	-	-
64741-42-0	NAPTHA-FULL STRAIGHT RUN	-	-	-
64741-44-2	PETROLEUM DISTALATES (STRAIGHT-RUN MIDD	-	-	-

64741-48-6	NATURAL GAS (PETROLEUM) RAW LIQUID MIX	-	-	-
64741-53-3	DISTILLATES (PETROLEUM), HEAVY NAPHTHENI	-	-	-
64741-65-7	NAPHTHA (PETROLEUM), HEAVY ALKYLATE	-	-	-
64741-66-8	NAPHTHA (PETROLEUM), LIGHT ALKYLATE	-	-	-
64741-73-7	ISOPAR M	-	-	-
64741-79-3	COKE (PETROLEUM)	-	-	-
64741-84-0	ALIPHATIC NAPTHA	-	-	-
64741-86-2	PETROLEUM DISTILLATE SWEETENED MIDDLE	-	-	-
64741-88-4	PETROLEUM DISTILLATES(HEAVY,PARAFFINIC)	-	-	-
64741-89-5	DISTILLATES (PETROLEUM) SOLVENT REFINED	-	-	-
64741-92-0	NAPTHA, SOLVENT REFINED HEAVY	-	-	-
64741-95-3	RESIDUAL OILS (PETROLEUM), SOLVENT DEASF	-	-	-
64741-96-4	DISTILLATES SOLVENT HEAVY NAPHTENIC	-	-	-
64741-97-5	DISTILLATES SOLVENT LIGHT NAPHTHENIC	-	-	-
64742-06-9	EXTRACTS (PETROLEUM), MIDDLE DISTILLATE S	-	-	-
64742-14-9	DISTILLATES (PETROLEUM), ACID-TREATED LIG	-	-	-
64742-16-1	PETROLEUM RESINS	-	-	-
64742-18-3	DISTILLATES ACID TREATED HEAVY NAPHTHAN	-	-	-
64742-27-4	NEUTRALIZED HEAVY PARAFFINIC DISTILLATE	-	-	-
64742-30-9	DISTILLATES CHEMICALLY TREATED	-	-	-
64742-32-1	LUBRICATING OILS (PETROLEUM), CHEMICALLY	-	-	-
64742-41-2	RESIDUAL OIL CLAY TREATED	-	-	-
64742-42-3	HYDROCARBON WAXES	-	-	-
64742-43-4	PARAFFIN WAXES (PETROLEUM), CLAY TREATE	-	-	-
64742-46-7	**DISTILLATE HYDROTREATED MIDDLE**			
64742-47-8	**DISTILLATE HYDR0TREATED LIGHT**			
64742-48-9	**NAPHTHA HYDROTREATED HEAVY**			
64742-49-0	NAPHTHA HYDRO TREATED	-	-	-
64742-52-5	DISTILLATES (PETROLEUM), HYDROTREATED H	-	-	-
64742-53-6	**DISTILLATE HYDRO LIGHT NAPHTH**			
64742-54-7	HYDRO-TREATED HEAVY PAROFINIC DISTILLATI	-	-	-
64742-55-8	DISTILLATES(PETROLEUM)HYDROTREATED LIG	-	-	-
64742-56-9	SOLVENT-DEWAXED LIGHT PARAFFINIC DISTILL	-	-	-
64742-57-0	RESIDUAL OILS (PETROLEUM), HYDROTREATED	-	-	-
64742-61-6	SLACK WAX	-	-	-
64742-62-7	RESIDUAL OIL DEWAXED	-	-	-
64742-63-8	SOLVENT-DEWAXED HEAVY NAPHTHENIC DISTI	-	-	-
64742-65-0	**DISTILLATE HEAVY PARAFFINIC**			
64742-68-3	NAPTHENIC OIL	-	-	-
64742-69-4	NAPHTHENIC OIL (PETROLEUM), CATALYTIC DE	-	-	-
64742-70-7	PARRAFIN OILS	-	-	-
64742-76-3	NAPHTHENIC OILS	-	-	-
64742-81-0	**KEROSENE DESULFURIZED**			
64742-82-1	HYDRODESULFURIZED HEAVY NAPHTHA	-	-	-
64742-88-7	**NAPHTHA MEDIUM ALIPHATIC**			
64742-89-8	**NAPHTHA LIGHT ALIPHATIC**			
64742-94-5	**NAPHTHA HEAVY AROMATIC**			

64742-95-6	**NAPHTHA LIGHT AROMATIC**			
64742-96-7	**NATHTHA HEAVY ALIPHATIC**			
64743-01-7	PETROLATUM (PETROLEUM) OXIDIZED	-	-	-
64755-02-8	FATTY ACIDS, TALLOW, LITHIUM SALTS	-	-	-
64771-71-7	PARAFFINS (PETROLEUM), NORMAL C>10	-	-	-
64771-72-8	PARAFFINS (PETROLEUM), NORMAL C5-20	-	-	-
64792-68-3	1,6-HEXANEDIAMINIUM,N6DIMEPROAMMHEXNN'	-	-	-
65181-78-4	N,N'-DIPHENYL-N,N'-BIS(M-TOLYL)[1,1'-BIPHENYL	-	-	-
65229-24-5	CHROMIUM, PENTAHYDROXY(TETRADACANATC	-	-	-
65381-09-1	DECANOIC ACID ESTER WITH 1,2,3 PROPANETR	-	-	-
65605-36-9	OXIRANE, 2-METHYL-, POLYMER WITH OXIRANE	-	-	-
65863-12-9	AKRYLOID K12OND	-	-	-
65996-61-4	PULP CELLOLOSE	-	-	-
65996-74-9	MILL SCALE	-	-	-
65996-77-2	COKE(COAL)	-	-	-
65996-79-4	SOLVENT NAPHTHA (COAL)	-	-	-
65996-92-1	DISTILLATES,COAL TAR	-	-	-
65996-93-2	**COAL TAR PITCH VOLATILES**			
65996-99-8	TERPENES	-	-	-
65997-05-9	ROSIN,POLYMERS	-	-	-
65997-06-0	HYDROGENATED ROSIN	-	-	-
65997-13-9	RESIN ACIDS AND ROSIN ACIDS,HYDROGENATE	-	-	-
65997-15-1	**PORTLAND CEMENT**			
65997-17-3	GLASS OXIDE	-	-	-
65997-18-4	FRITS CHEMICAL	-	-	-
66402-68-4	ALUMINUM SILICATE	-	-	-
66455-14-9	ALCOHOLS C12-C13 ETHOXOLATED	-	-	-
66734-30-3	2-PENTANOL, 4-HYROPEROXY-4-METHYL	-	-	-
67375-30-8	**ALPHAMETHRIN**		**08003-34-7**	
67567-23-1	BUTANOIC ACID,3,3-BIS(1-DIMETHYLPROPYL)DI(	-	-	-
67584-42-3	CYCLOHEXANESULFONIC ACID, DECAFLURO (PI	-	-	-
67700-42-9	CASHEW, NUTSHELL OIL POLYMER W/ FORMALI	-	-	-
67701-02-4	FATTY ACIDS,C14-18	-	-	-
67701-03-5	FATTY ACIDS, C16-18	-	-	-
67746-08-1	LINSEED OIL	-	-	-
67761-98-2	CALL TOXICS ASSESSMENT SECTION FOR FULL	-	-	-
67762-38-3	FATTY ACIDS C16-18 UNSATURATED	-	-	-
67762-41-8	ALCOHOLS, C10-16	-	-	-
67762-90-7	SILICONIZED SILICA	-	-	-
67762-94-1	DIMETHYLSILOXANE-VINYLMETHYLSILOXANE C	-	-	-
67774-74-7	BENENE, ALKYL DERIVS.	-	-	-
67785-31-3	CARBOXYLIC ACIDS,C1-8,SODIUM SALTS	-	-	-
67801-01-8	BARIUM SALT W/ BENZENESULFONIC ACID, 5 C	-	-	-
67828-72-2	2-NAPHTHALENECARBOXYLIC ACID,4-4CHLORO	-	-	-
67952-33-4	BORIC ACID WITH 2.2' IMINOBIS(ETHANOL)	-	-	-
67989-23-5	1,2,4-BENZENETRICARBOXILIC ACID, DECYLOCT	-	-	-
67989-40-6	ALCOHOLS,C11-15-SECONDARY	-	-	-

67989-52-0	FATTY ACIDS WITH BISPHENOL EPICHLOHYDRII	-	-	-
67990-18-5	BENZOIC ACID[2(HEXLOXY)ETHOXY] ETHOXY	-	-	-
68002-19-7	UREA POLYMER WITH FORMALDEHYDE,BUTYLA	-	-	-
68002-20-0	1,3,5-TRIZINE-2,4,6-TRIAMINE, POLYW/ FORMALI	-	-	-
68002-97-1	ALCOHOLS, C10-16, ETHOXYLATED	-	-	-
68016-07-9	PYRIDINIUM,3-CARBOXY-1-[2-HYDROXY-3-[4-HYI	-	-	-
68036-98-6	GLYCLURIL, FORMALDEHYDE POLYMER, BUTYL	-	-	-
68037-01-4	NYE OIL	-	-	-
68037-53-6	CYCLOSILXANES	-	-	-
68037-62-7	SILOXANES AND SILICONES, DI-ME, ME HYDRO(	-	-	-
68037-77-4	SILOXANES	-	-	-
68037-81-0	SILOXANES WITH METHYL PHENOL	-	-	-
68037-87-6	METHYLVINYL SILOXANES AND SILICONES GEN	-	-	-
68037-88-7	SILOXANES AND SILICONES, ME 3,3,3-TRIFLUOR	-	-	-
68038-41-5	ROSIN POLYMER WIHT GLYCEROL	-	-	-
68081-81-2	SODIUM ALKYL BENZENE SULPONATE	-	-	-
68083-14-7	METHYL PHENYL SILOXANE	-	-	-
68083-18-1	SILOXANES AND SILICONES, DI-ME, ME VINYL, V	-	-	-
68083-19-2	VINYL TERMINATED POLYDIMETHYL SILOXANE	-	-	-
68128-58-5	2-CYCLOHEXENE-1-OCTANOIC ACID,5(OR 6)-CAI	-	-	-
68131-39-5	ALCOHOLS,C12-15,ETHOXYLATED	-	-	-
68131-40-8	ALCOHOLS,C11-15-SECONDARY,ETHOXYLATED	-	-	-
68131-74-8	ASHES (RESIDUES)	-	-	-
68131-76-0	ALKANES ETHYLENE	-	-	-
68131-98-6	CHROME TANNED COWHIDE TRIMMINGS	-	-	-
68132-78-5	AMINES, ETHOXLATED	-	-	-
68140-00-1	AMIDES,COCO	-	-	-
68152-50-1	ROSIN, POLYMER W/ DEG AND PENTAERYTHRIT	-	-	-
68152-78-3	ROSIN, STRONTIUM SALT	-	-	-
68153-01-5	NAPHTHALENE SULFONIC ACIDS	-	-	-
68154-04-1	ASPHALT, SAPON. PRODUCTS WITH ROSIN, SOI	-	-	-
68155-17-9	AMIDE, FROM FATTY ACID AND TETRAETHYLEN	-	-	-
68155-20-4	AMIDES, TALL-OIL FATTY, N,N-BIS(HYDROXYETH	-	-	-
68155-24-8	ETHOXALATED AMIDES	-	-	-
68186-86-7	ALUMINUM COBALT BLUE	-	-	-
68186-87-8	ALUMINUM COBALT ZINC	-	-	-
68186-90-3	CI PIGMENT BROWN 24	-	-	-
68186-97-0	CHROMIUM COBALT IRON BLACK	-	-	-
68186-99-2	MANGANESE ALUMINA	-	-	-
68187-09-7	CHROMIUM IRON BROWN	-	-	-
68187-10-0	IRON NICKEL BROWN	-	-	-
68187-11-1	CHROMIUM COBALT BLUE GREEN	-	-	-
68187-49-5	PIGMENT CHROME-COBALT GREEN-BLUE	-	-	-
68187-54-2	TIN ANTIMONY OXIDE	-	-	-
68187-64-4	NEPHELINE SYENITE, MANGANESE ZIRCONIUM	-	-	-
68187-76-8	CASTOR OIL, SULFATED, SODIUM SALT	-	-	-
68187-84-8	CASTOR OIL,OXIDIZED	-	-	-

68188-14-7	RESIN ACIDS AND ROSIN ACIDS, BARIUM SALTS	-	-	-
68188-85-2	FLUORIDES	-	-	-
68189-24-2	CALCIUM RUBINE RED 2B C17H13CLN2O4S.1/2C	-	-	-
68238-77-7	HEXANEDIOIC ACID, POLY W/ 1,2-PROPANEDIOL	-	-	-
68239-42-9	2-PROPANOIC ACID, 2,METHYL	-	-	-
68259-07-4	HEPTANE SULFONIC ACID	-	-	-
68259-08-5	1-HEXANESULFONIC ACID AMMONIUM SALT	-	-	-
68259-09-6	1-PENTANE SULFONIC ACID	-	-	-
68308-30-5	MONTAN WAX,OCTADECYL ALCOHOL MONOEST	-	-	-
68308-67-8	QUATERNARYAMMONIUMCOMPOUNDS,ETHDIM	-	-	-
68310-08-7	1,5 PENTATNE DISULFONIC ACID	-	-	-
68333-81-3	ALKANES,C4-12	-	-	-
68333-88-0	AROMATIC HYDROCARBONS,C9-17	-	-	-
68334-30-5	DIESEL FUEL	-	-	-
68334-31-6	PETROLEUM PITCH	-	-	-
68390-35-2	CASHEW	-	-	-
68390-66-9	IMIDAZOLIUM COMPOUNDS, 1-(CARBOXYMETHY	-	-	-
68390-71-6	NAPHTHENACID,POLYALKENEPOLYAMIN,DODE	-	-	-
68400-67-9	1,3-BUTANEDIOL,POLYMER WITH 2-BUTYL-W-HY	-	-	-
68410-05-9	DISTILLATES (PETROLEUM) LIGHT CRUDE OIL	-	-	-
68410-23-1	FATTY ACID	-	-	-
68410-96-8	DISTILLATES (PETROLEUM)HYDROTREATED MI	-	-	-
68410-97-9	DISTILLATES, PETROLEUM, LIGHT DISTILLATE	-	-	-
68411-27-8	BENZOIC ACID ALKYL (C12-C15) ESTERS	-	-	-
68411-30-3	BENZENESULFONIC ACID, C10-13-ALKYL DERIV	-	-	-
68411-46-1	BENZENAMINE, N-PHENYL-	-	-	-
68412-25-9	NAPHTHALENE, DI-C5-6-ALKYL DERIVS.	-	-	-
68412-54-4	POLY(OXY-1,2-ETHANEDIYL) A NONYLPHENYL-C	-	-	-
68412-56-6	CHLORO PLATINUM COMPLEX OCTANOL	-	-	-
68412-96-4	COUMARONE-INDENE RESINS	-	-	-
68413-24-1	CASHEW,NUTSHELL LIG.,POLYMER WITH EPICH	-	-	-
68413-81-0	SILICIC ACID, MOLYBDENUM-COMPLEX	-	-	-
68424-85-1	QUATERNARY AMMONIUM SALT	-	-	-
68424-95-3	QUATERNARY AMMONIUM COMPD., DI-C8-10-AL	-	-	-
68425-13-8	1,3-BUTADIENE,2-METHYL-,POLYMER OF CIS-1,4	-	-	-
68425-26-3	FLAX FIBER WAX	-	-	-
68425-29-6	GASOLINE-PETROLEUM DISTILLATE-CRACKED	-	-	-
68425-94-5	RESIDUES(PETROL),CATALYTIC REFORMER FR	-	-	-
68439-46-3	ETHOXYLATED C9-11 ALCOHOLS	-	-	-
68439-49-6	ALCOHOLS, C16-18, ETHOXYLATED	-	-	-
68439-50-9	ALCOHOLS, C12-14, ETHOXYLATED	-	-	-
68440-70-0	SILOXANES AND SILICONES, DI-ME, HYDROXY-T	-	-	-
68440-81-3	SILOXANES AND SILICONES (POLYMER)	-	-	-
68440-84-6	SILOXANES, DI-ME,POLYMERS WITH ME SILSES	-	-	-
68441-17-8	ETHENE, HOMOPOLYMER, OXIDIZED	-	-	-
68441-88-3	2,5-FURANDIONE, REACTION PRODUCTS WITH I	-	-	-
68442-25-1	POLY(OXY(METHYL-1,2-ETHANEDIYL)),.ALPHA.-H	-	-	-

68443-05-0	SULFONATED OLEIC ACIDE	-	-	-
68458-86-6	KETONES, C14	-	-	-
68459-31-4	GLYCIDYL ESTERS,POLYMERS GLYCEROL,MALI	-	-	-
68475-56-9	ALCOHOLS, C1-3	-	-	-
68475-57-0	ALKANES C1,C2	-	-	-
68475-76-3	CEMENT, PORTLAND FLUE DUST	-	-	-
68476-16-4	FATTY ACIDS,VEG.OIL,POLYW/BISPHENOLA,EPI	-	-	-
68476-30-2	FUEL OIL #2	-	-	-
68476-39-1	HYDROCARBONS, ALIPH-AROM-C4-5 OLEFINIC	-	-	-
68476-40-4	HYDROCARBONS C3-4	-	-	-
68476-44-8	HYDROCARBONS C>4	-	-	-
68476-77-7	LUBRICATING OILS, REFINED SPENT	-	-	-
68476-79-9	NAPHTHA (COAL), SOLVENT-REFINING	-	-	-
68476-80-2	OILS,VEGETABLE, DEODORIZER DISTILLATES	-	-	-
68476-85-7	**LIQUIFIED GAS**			
68476-86-8	PROPELLANT	-	-	-
68476-96-0	SLAGS COAL	-	-	-
68477-28-1	WAXES AND WAXY SUBSTANCES, ROSIN	-	-	-
68477-31-6	DISTILLATES(PETROLEUM)CATALYTIC REFORM	-	-	-
68478-07-9	LIGHT AROMATIC NAPTHA	-	-	-
68478-35-3	ACETIC ACID, C>19-ALKYL ESTERS	-	-	-
68478-92-2	PLATINUM-1,3-DIETHENYL TETRAMETHYL DISIL	-	-	-
68479-14-1	SILANE, CHLORO METHYL DERIVS	-	-	-
68479-15-2	SILANE, CHLORO PHENYL DERIVS	-	-	-
68479-98-1	BENZENEDIAMINE, DIETHYL METHYL	-	-	-
68510-93-0	NAPHTOQUINONE DIAZINE ESTERS	-	-	-
68511-15-9	OXIRANE,METH- POLYW/ OXIRANE,MONODECYL	-	-	-
68511-20-6	ETHANOL, 2-PHENOXY-, PHOSPHATE, POTASSIU	-	-	-
68511-39-7	POLY(OXY-1,2,ETHANEDIYL) SULFOHYDROXY	-	-	-
68511-50-2	1-PROPENE,2-METHYL SULFERIZED	-	-	-
68512-26-5	STARCH,2-HYDROXYETHYL ETHER,BASED HYDI	-	-	-
68512-38-9	HEPARIN, RXN PROD DIDODECYLNMETHDODEC	-	-	-
68512-63-0	BENZENE, ETHENYL-, DISTILLATION RESIDUES	-	-	-
68513-26-8	HYDROCARBONS, C3-6	-	-	-
68513-62-2	DISULFIDES, C5-12-ALKYL	-	-	-
68514-15-8	GASOLINE VAPOR RECOVERY FRACTION	-	-	-
68514-31-8	HYDROCARBONS, C1-4	-	-	-
68515-25-3	BENZENE, C1-9-ALKYL DERIVS.	-	-	-
68515-42-4	1,2, BENZENE DICARBOXYIC ACID C7-11	-	-	-
68515-48-0	BENZENEDICARBOXYLIC ACID, 1,2-, DI C8-10 ALI	-	-	-
68515-61-7	BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER	-	-	-
68515-73-1	D-GLUCOPYRANOSE, OLIGOMERIC, DECYL OCT	-	-	-
68526-83-0	ALCOHOLS C7-9	-	-	-
68526-86-3	ALCOHOLS, C11-14-ISO, C13-RICH	-	-	-
68527-08-2	ALKENES, C>10 .ALPHA.-, POLYMD.	-	-	-
68527-16-2	HYDROCARBONS C1-3	-	-	-
68541-13-9	OCTADECADIENOIC ACID -, DIMER, POLYMER	-	-	-

68541-81-1	D-GLUCITOL,POLYMER W/METHYLOXIRANE,OXI	-	-	-
68551-07-5	ALCOHOLS, C8-18	-	-	-
68551-12-2	ALCOHOLS C12-16 ETHOXYLATED	-	-	-
68551-13-3	ALCOHOLS,C12-15,ETHOXYLATED PROPOXYLAT	-	-	-
68551-16-6	ALKANES,C9-11-ISO-	-	-	-
68551-20-2	ALKANES, C13-16-ISO-	-	-	-
68551-37-1	ASPHALT,POLYMER W/ GILSONITE AND LINSEEI	-	-	-
68554-67-6	SILOXANES AND SILICONES, DI-ME, POLYMERS	-	-	-
68583-49-3	CYCLOTETRASILOXANE, OCTAMETHYL-,REACTI	-	-	-
68584-22-5	BENZENESULFONIC ACID C10-16	-	-	-
68585-27-3	PHENOL,4,4'-(1-METHYLETHYCIDENE)BIS-,POLY	-	-	-
68585-34-2	POLY(OXY1,2 ETHANEDIYL) ALKUL ESTER	-	-	-
68603-15-6	ALCOHOLS,C6-12	-	-	-
68603-25-8	ALCOHOLS, C8-10, ETHOXYLATED PROPOXYLAT	-	-	-
68603-26-9	PHOSPHORIC ACID C12-15 ALKYL ESTERS AMM	-	-	-
68603-42-9	AMIDES, COCO, N,N-BIS(HYDROXYETHYL)	-	-	-
68603-53-2	AMINES, C11-14-SEC-ALKYL	-	-	-
68603-84-9	CARBOXYLIC ACID	-	-	-
68604-06-8	CASTOR OIL, POLYMER W/ ETHYLENEDIAMINE	-	-	-
68604-30-8	FATTY ACIDS,BRANCH-CHAIN,VINYL ESTERS,PC	-	-	-
68604-48-8	FATTY ACIDS POLYMERS MOLEC FORMULA UNS	-	-	-
68604-99-9	FATTY ACIDS PHOPHATES	-	-	-
68606-21-3	GLYCOLS, C10-16	-	-	-
68607-77-2	SILOXANES & SILICONES, ME 333-TRIFLUOROPF	-	-	-
68608-26-4	SP ACTO 450; SULFONIC ACIDS,PETROLEUM,SC	-	-	-
68608-68-4	.BETA.-ALANINE,N-COCO ALKYL DERIVS.,SODIU	-	-	-
68609-97-2	OXIRANE, MONO[C12-14 ALKYOXY METHYL]	-	-	-
68610-56-0	PHENOL 4,4'-(1-METHYLETHYLIDENE)BIS-, POLY	-	-	-
68610-97-9	FORMALDEHYDE,POLYMER W/NONYLPHENOL, I	-	-	-
68611-42-7	CHROMIUM NIOBIUM	-	-	-
68611-44-9	DICHLORODIMETHYL SILANE	-	-	-
68647-35-8	C.I.BASIC VIOLET 1, MOLYBDATESILICATE	-	-	-
68647-72-3	TERPENES AND TERPENOIDS, SWEET ORANGE	-	-	-
68648-53-3	RESIN ACID&ROSIN ACID,HYDROGENATED,ESTI	-	-	-
68648-87-3	BENZENE, C10-16-ALKYL DERIVS.	-	-	-
68648-93-1	1,2-BENZENEDICARBOXYLICACID MIXED DECYL	-	-	-
68649-42-3	PHOSPHORODITHIOIC ACID, O,O-DI-C1-14-ALKYI	-	-	-
68783-02-8	EXTRACTS(PETROL),INTERM. CLARIFIED OIL SC	-	-	-
68783-12-0	NAPHTHA (PETROLEUM), UNSWEETENED	-	-	-
68783-46-0	FATTY ACIDS WITH PROPYLENE GLYCOL	-	-	-
68815-10-1	PETROLEUM, SULFURIZED	-	-	-
68845-30-7	ACETIC ACID, MERCAPTO-,ISODECYL ESTER	-	-	-
68855-54-9	KIESELGHUR SODA ASH FLUX CALCINED	-	-	-
68855-60-7	ALKENES, C14-20 .ALPHA-.	-	-	-
68855-90-3	LECITHINS,POLYMERS WITH DIPENTAERYTHRIT	-	-	-
68891-01-0	**MELAMINE FORMALDEHYDE**			
68891-80-5	1,3-BUTADIENE, 2-CHLOR,HOMOPOLY,BUTADIEI	-	-	-

68909-20-6	SILANAMINE,1,1,1-TRIMETHYL-N-TRIMETHYLSIL\	-	-	-
68910-19-0	1,2-ETHANEDIAMINE, N1-(2-AMINOETHYL)-, ETH(	-	-	-
68911-74-0	AMINES,POLYALKPOLY,CMPDSW/POLYETHGLY(	-	-	-
68911-87-5	QUATERNARY AMMONIUM COMPOUNDS	-	-	-
68915-38-8	CYCLOHEXANE, OXIDIZED, AQ. EXT.	-	-	-
68918-36-5	SOAPS, STOCK, C8-18- AND C18-UNSATD. ALKYI	-	-	-
68919-90-4	ISOCYANIC ACID	-	-	-
68920-06-9	HYDROCARBONS C7-9	-	-	-
68920-07-0	HYDROCARBONS, C<10-LINEAR	-	-	-
68928-54-1	2,7-NAPHTHALENEDISULFONIC ACID,DIMETYLPI	-	-	-
68937-17-7	SILANES,CHLOROMETHYL DERIVATIVES	-	-	-
68937-51-9	SILANAMINE 1,1,1-TRIMETHYL-N-(TRIMETHYLSIL	-	-	-
68937-53-1	ZIRCONIUM OXIDE, LIME STABILIZED	-	-	-
68937-73-5	CARBOXYLIC ACIDS, DI-,C6-12,COMPDS. W/ ETH	-	-	-
68951-88-2	PROTEINS, HYDROLYZATES, AMMONIUM SALTS	-	-	-
68951-93-9	GENERIC SILOXANE CLASSIFICATION	-	-	-
68951-97-3	SILOX AND SILIC	-	-	-
68952-33-0	TAR ACIDS CRESYLIC	-	-	-
68952-93-2	SILOXANE POLYMER	-	-	-
68953-18-4	FATS, ANIMAL, HYDROGENATED	-	-	-
68953-36-6	FATTY ACIDS, REACTION PRODUCTS W/ TETRAI	-	-	-
68953-58-2	QUATERANY AMMONIUM COMPOUNDS	-	-	-
68953-84-4	1,4-BENZENEDIAMINE, N,N'- MIXED PHENYL AND	-	-	-
68954-66-5	POLYMERIC ISOPHORONE DIISOCYANATE	-	-	-
68955-08-8	PROPENOIC ACID,2- REACTION PRODUCTS WIT	-	-	-
68955-54-4	AMINES C16-18 TERT-ALKYL	-	-	-
68955-55-5	AMINES,C12-18-ALKYLDIMETHYL, N-OXIDES	-	-	-
68956-52-5	HYDROCARBONS C4-8	-	-	-
68956-56-9	HYDROCARBONS, TERPENE PROCESSING BY-P	-	-	-
68958-22-5	PHENOL,4-(1,1-DIMETHYLETHYL)-POLYMER WIT	-	-	-
68959-12-6	2-NAPHTHALENESULFONIC ACID,7-HYDROXY-8-	-	-	-
68959-32-0	2-NAPHTHALENECARBOXYLIC ACID,3-HYDROXY	-	-	-
68987-63-3	COPPER PHTHALOCYANINE BLUE PIG.; CI 74160	-	-	-
68988-46-5	PHOSPHORODITHIOIC ACID, MIXED BIS(ISO-BU ,	-	-	-
68988-89-6	SILICA [DIMETHYVINYL]OXY-	-	-	-
68989-22-0	ZEOLITES, NA A	-	-	-
68989-56-0	ESTERS, C4-13, OF MONO- AND DICARBOXYLIC	-	-	-
68990-20-5	KETONE BOTTOMS	-	-	-
68990-45-4	FATTY ACIDS, TALL-OIL,COCO ALKYL ESTERS,S	-	-	-
68991-28-6	OLIVE BRANCH OIL	-	-	-
68991-48-0	ALCOHOLS,C7-21,ETHOXYLATED	-	-	-
69011-06-9	**LEAD,BENZENE DICARBOX**	**Pb3**	**07439-92-1**	
69011-18-3	BENZENE, DIETHENYL-, POLYMER WITH ETHEN\	-	-	-
69011-20-7	BENZENE, DIETHENYL-, POLYMER WITH ETHEN\	-	-	-
69011-60-5	LEAD ALLOY, SN, DROSS	-	-	-
69012-64-2	FUMES, SILICA	-	-	-
69012-65-3	ZINC FUMES	-	-	-

69013-19-0	ALCOHOLS, C8-22 ETHOXYLATED	-	-	-
69013-23-6	SILOXANES AND SILICONES, DI-ME, ME H TERMI	-	-	-
69102-90-5	**BUTADIENE POLYMER**		**00106-99-0**	
69227-21-0	ALCOHOLS ETHOXYLATED	-	-	-
69227-22-1	ALCOHOLS,C10-16,EHTOXYLATED PROPOXYLAT	-	-	-
69318-81-6	SILANOL,TRIFLUORO-,ION(-1)	-	-	-
69430-24-6	DIMETHYLCYCLOSILOXANES	-	-	-
69991-67-9	1-PROPENE-HEXAFLURO, OXIDIZED POLYMER	-	-	-
70131-67-8	SILOXANES	-	-	-
70476-82-3	9,10-ANTHRACENEDIONE,DIHYDOXBIHYDOXETA	-	-	-
70556-31-9	ALUMINATE(1-)DIHYDROBIS(2-PROPANOLATO)-,I	-	-	-
70657-70-4	2-METHOXY-1-PROPANOL ACETATE	-	-	-
70682-62-1	NAPTHALENESULFONIC ACID,2- ,6-AMINO-, MON	-	-	-
70693-06-0	AROMATIC HYDROCARBONS, C9-11	-	-	-
70693-62-8	POTASSIUM PEROXYMONOSULFATE SULFATE	-	-	-
70914-20-4	ALCOHOLS, C6-8 BRANCHED	-	-	-
70955-23-6	CASTOR OIL, RXN PROD W/ PROPYLENEGLYC M	-	-	-
71173-87-0	HEXANEDIOIC ACID, POLYMER W/ N,N DIETHYLE	-	-	-
71195-64-7	PENTANEDIOIC ACID, BIS(2-METHYLPROPYL)ES	-	-	-
71439-68-4	9,10-ANTHRACENEDICARBOXALDEHYDE,BIDIHY	-	-	-
71637-34-8	3-THIENYLMETHANOL	-	-	-
71808-49-6	KETONES, C-11	-	-	-
71832-82-1	CI PIGMENT YELLOW 4610	-	-	-
71839-77-5	SOLVENNT RED 130	-	-	-
71868-10-5	1-PROPANONE, 2-METHYL-1-[4-(METHYLTHIO)PH	-	-	-
71888-89-6	BENZDICARBOXLC ACD, 1,2-C6-8-BRANCHED AL	-	-	-
72245-46-6	POLY[OXY(METHYL-1,2-ETHANEDIYL)], -BENZOY	-	-	-
72259-73-5	HEXANEDIOIC ACID, POLYMER AND 5-ISOCYANA	-	-	-
72623-83-7	LUBRICATING OILS	-	-	-
72623-84-8	LUBRICATING OILS CONTAINING RESIDUAL OILS	-	-	-
72623-86-0	LUBRICATING OILS, PETROLEUM, C15-30	-	-	-
72623-87-1	LUBRICATING OILS	-	-	-
72749-59-8	QUATERNARY AMMONIUM COMPDS.,TRI-C6-12-A	-	-	-
73138-28-0	BENTONITE	-	-	-
73138-87-1	SILOXANES	-	-	-
73602-61-6	ETHANAMINE N,N,-DIETHYL TRIHYDROFLUORID	-	-	-
740839-96-7	ACETIC ACID, 2,2'-[[[2-[2-[(1-METHYLCYCLOPENT	-	-	-
74222-97-2	**SULFOMETURON METHYL**			
74432-13-6	**ETHOXYLATED ALCOHOLS**		**00110-80-5**	
74665-04-6	BENZENESULFONIC ACID.... LUXOL ORANGE	-	-	-
75537-27-8	NIREZ V2150	-	-	-
75641-02-0	QUINO2,3-B ACRIDINE-7,14 DIONE DIHYDROISOI	-	-	-
76114-73-3	CARBAMIC ACID, BUTYL-,2-PROPYNYL ESTER	-	-	-
76169-06-7	CRESOL-FORMALDEHYDE COPOLYMER	-	-	-
77536-66-4	**ACTINOLITE**		**01332-21-4**	
77536-67-5	**ANTHOPHYLLITE**		**01332-21-4**	
77536-68-6	**TREMOLITE**		**01332-21-4**	

78330-20-8	ALCOHOLS, C9-11-ISO-, C10-RICH, ETHOXYLATE	-	-	-
78330-21-9	ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLAT	-	-	-
78491-02-8	UREA,N-1,3BIS(HYDROXYMETHYL)2,5DIOXO4IMI	-	-	-
79070-11-4	POLY(DIFLUOROMETHYLENE),-CHLORO-(2,2-DIC	-	-	-
79720-19-7	2,5-PYRROLIDINEDIONE, 3-DODECYL-1-(2,2,6,6-T	-	-	-
80010-53-3	NEODECANOIC ACID OXIRANE METHY ESTER...	-	-	-
80584-91-4	HEXANOIC ACID, '-(1,3,5-TRIAZINE-2,4,6-TRIYLTR	-	-	-
81777-89-1	2-(2-CHLOROPHENYL)METHYL-4,4-DIMETHYL-3-I	-	-	-
82657-04-3	**BIFENTHRIN**		**08003-34-7**	
82867-87-6	SILICON OXYFLUORIDE (SIOF)	-	-	-
82919-37-7	DECANEDIOIC ACID, 1-METHYL 10-(1,2,2,6,6-PEN	-	-	-
83435-58-9	1-BOC-2-PYRROLIDINEMETHANOL	-	-	-
84077-81-6	HYDRAZYL, 2,2,-BIS[(TETRAMETHYLBUTYL)PHEI	-	-	-
84087-01-4	8-QUINOLINECARBOXYLIC ACID, 3,7-DICHLORO-	-	-	-
84540-57-8	PROPANOL,1(OR 2) METHOXY-, ACETATE	-	-	-
848094-33-7	ENRICHED GERMANIUM TETRAFLUORIDE	-	-	-
84852-15-3	PHENOL, 4-NONYL-, BRANCHED	-	-	-
851671-85-7	FORMALDEHYDE, POLYMER WITH 4,4'-(9H-FLUO	-	-	-
85711-55-3	FATTY ACIDS, TALL-OIL, COMPDS. WITH OLEYLA	-	-	-
85796-96-9	2-BUTENEDIOIC ACID (2Z)-, LITHIUM SALT (1:1)	-	-	-
86508-42-1	PERFLUORO N-ALKYLMORPHOLINE	-	-	-
86953-79-9	TERT-BUTYL 1-PYRROLIDINECARBOXYLATE	-	-	-
88230-35-7	HEXANOL, ACETATE, BRANCHED AND LINEAR	-	-	-
88384-96-7	ANCAMINE 350A	-	-	-
88671-89-0	SYSTHANE	-	-	-
88917-22-0	DIPROPYLENE GLYCOL METHYL ETHER ACETAT	-	-	-
90438-79-2	ACETIC ACID, C6-8 BRANCHED ALKYL ESTERS	-	-	-
90622-56-3	HEXANE, 2,4 - DIMETHYL	-	-	-
92203-02-6	**PHOSPHORIC ACID, REACTION PR**		**07664-38-2**	
93763-70-3	PERLITE, EXPANDED	-	-	-
94442-22-5	PLATINUM, TRIMETHYL[(1,2,3,4,5-.ETA.)-1-METHY	-	-	-
95078-27-6	FEXOXAN	-	-	-
95465-99-9	CADUSAFOS	-	-	-
98516-30-4	PROPANOL, 1(OR 2)-ETHOXY-, ACETATE	-	-	-
A2926-00-8	SILICA GEL, PRECIPITATED, CRYSTAL-FREE	-	-	-
A2945-52-5	SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	-	-	-
B2926-00-8	SILICA GEL, PRECIPITATED, CRYSTALINE-FREE	-	-	-
B2945-52-5	SILICA, AMORPHOUS, FUMED, CRYSTALLINE FR	-	-	-
NY075-00-0	**PARTICULATE**			
NY075-00-5	**PARTICULATE (PM-10)**			
NY075-02-5	**PARTICULATE (PM-2.5)**			
NY075-20-0	FINE MINERAL FIBERS	-	-	-
NY100-00-0	**HAP**			
NY210-00-0	**OXIDES OF NITROGEN**			
NY500-00-0	TOTAL REDUCED SULFUR	-	-	-
NY502-00-0	40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (	-	-	-
NY504-00-0	40 CFR 63 - TOTAL HYDROCARBONS (THC)	-	-	-

NY505-00-0	POLYCYCLIC ORGANIC MATTER (POM)	-	-	-
NY506-00-0	40 CFR 503 SUBPART E - TOTAL HYDROCARBON	-	-	-
NY507-00-0	40 CFR 63 SUBPART DDDDD TOTAL SELECTED M	-	-	-
NY508-00-1	40 CFR 60 SUBPART IIII - HYDROCARBONS	-	-	-
NY510-00-0	40 CFR 63 - TOTAL METAL HAP	-	-	-
NY511-00-0	40 CFR 63 SUBPART VVVVVV - TOTAL ORGANIC	-	-	-
NY512-00-0	6 NYCRR PART 225-2 - TOTAL HALOGENS	-	-	-
NY513-00-0	40 CFR 63 SUBPART DD - VOHAP	-	-	-
NY750-00-0	CARBON DIOXIDE EQUIVALENTS	-	-	-
NY998-00-0	**VOC**			
NY998-20-0	NMOC - LANDFILL USE ONLY	-	-	-
179601-23-1	M,P-XYLENES			

SGC ug/m3	W	AGC ug/m3	W	T
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0		2.0E-05	*	H
5.3	s	6.7E-02	s	-
30.0	H	6.0E-02	H	H
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0		1.0E-02	E	H
0		5.5E-04	H	H
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0		2.0E-05	*	H
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0		2.0E-05	*	H
0		2.1E-03	D	M
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0		2.4	T	-
0		2.0E-02	A	-
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1900.0	D	1.7E-01	E	H
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0		1.2E-01	T	H

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55000.0	A	2000.0	A	L
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0		7.8E-04	E	H
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150000.0	Z	29000.0	T	L
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0		4.5E-02	T	M
0		5.0E-02	D	M
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0			2.2E-04	E		H	
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0			3.7E-02	T		H	
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0			6.0E-01	D		H	
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1900.0	Z		22.0	T		M	
3700.0	Z		60.0	T		-	
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33000.0	Z		4000.0	D		M	
98000.0	Z		7000.0	D		M	
180000.0	Z		30000.0	H		L	
150.0	D		14.7	H		M	
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0			9.0	T		-	
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	0				1500.0		A		L
	27.0		D		1.3E-01		E		H
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	3900.0		D		5.0		E		M
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	0				550.0		T		-
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	22000.0		D		90.0		E		M
	0				29.0		T		-
	1900.0		Z		15.0		T		M
	520.0		Y		8.0E-01		E		H
	14.0		A		2.3		T		M
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	180000.0		D		1.1E-01		E		H
	0				6.8E-02		A		M
	2800.0		Z		22.0		T		-
	0				60.0		E		M
	470.0		D		4.5E-01		E		M
	0				3.1		T		M
	14000.0		D		46.0		E		M
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	6200.0		D		700.0		E		M
	14.0		A		4.8		T		M

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	2400.0	Z		29.0	T		M	
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	0			6.3E-01	D		L	
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	2100.0	A		20.0	A		M	
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960000.0	Z	180000.0	T	L	
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22000.0	**D**	**100.0**	**E**	**M**	
0		**180.0**	**H**	**M**	
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30000.0	**Z**	**200.0**	**H**	**M**	
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0		**21.0**	**T**	**H**	
0		**2.4E-01**	**T**	**-**	
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0		**9.0E-04**	**D**	**H**	
0		**6.0E-01**	**A**	**M**	
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0		**1.0E-01**	**D**	**H**	
0		**2.0E-01**	**E**	**-**	
350000.0	**Z**	**4200.0**	**T**	**-**	

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110000.0	Z		1700.0	T		-	
1900.0	A		8.3E-01	A		-	
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0			7.7E-02	D		H	
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6000.0	Z		95.0	T		M	
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80.0	Y			X		-	
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1300.0	D		350.0	D		M	
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14.0	D	6.0E-01	E	H
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0		3.2E-02	E	-
54000.0	A	1000.0	A	M
0		6.0E-01	A	M
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35000.0	**Z**	**560.0**	**T**	**-**	
22000.0	**D**	**100.0**	**E**	**M**	
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0		**18.0**	**H**	**M**	
0		**9.1E-02**	**D**	**M**	
0		**6.0E-01**	**A**	**M**	
0		**21.0**	**T**	**-**	
0		**2.4E-01**	**T**	**M**	
0		**1.0**	**T**	**M**	
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0		**120.0**	**A**	**-**	
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0		**1.4**	**T**	**-**	
3000.0	**D**	**20.0**	**E**	**M**	
1300.0	**D**	**8.3E-01**	**E**	**M**	
0		**11.0**	**T**	**-**	

0		1.7E-03	E	H
0		4.3E-01	H	H
99.0	Z	1.2	T	-
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238000.0	Z		X	-
0		1400.0	T	-
0		3.3E-02	E	H
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0		1400.0	T	-
2.5	D	3.5E-01	D	H
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600.0	Z	1.0	E	M
0		3.8E-02	E	M
330.0	Y		X	-
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0		60.0	A	-
0		1.5E-02	E	H
0		60.0	A	-
0		60.0	T	M
0		60.0	A	-
0		2.8	T	H
0		5.5	T	-
320.0	Y		X	-
10000.0	Y	400.0	D	-
0		2.4E-01	T	-
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0		1.6E-05	A	M
37000.0	Z	590.0	T	M
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12000.0	Y		X	L
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0		360.0	A	M
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350000.0	Z	4200.0	T	M
53000.0	Z		X	-
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36850.0	Z	2000.0	E	M
0		26.0	D	M
0		220.0	T	M
5300.0	Z	200.0	E	M
31000.0	Z	3000.0	E	M
17000.0	Z	250.0	T	-
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130000.0	Z	2500.0	T	-
84000.0	Z	1000.0	T	-
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1250.0	Z	10.0	T	M
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0		7.0E-01	D	M
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22000.0	D	100.0	E	M
0		180.0	H	M
0		21.0	T	-
0		2.4E-01	T	M
9000.0	Z	1100.0	T	L
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0		130.0	A	-
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55000.0	A	2000.0	A	L
0		60.0	H	M
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0		350.0	T	-
0		7000.0	T	L
0		60.0	E	-
0		3800.0	T	M
37000.0	D	5000.0	E	L
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0		60.0	H	M
0		98.0	T	-
0		490.0	T	-
20000.0	Z	190.0	T	M
5800.0	D	20.0	H	M
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100000.0		**Z**		**20000.0**			**T**		**L**		
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0				**410.0**			**A**		**M**		
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1500.0		**Y**					**X**		**M**		
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93.0		**D**		**20.0**			**E**		**M**		
0				**7400.0**			**T**		**-**		
4500.0		**Z**		**36.0**			**T**		**-**		
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30300.0		**Z**					**X**		**-**		
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30000.0		**Z**		**350.0**			**T**		**M**		
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23350.0		**Z**		**560.0**			**T**		**-**		
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370.0	D	200.0	E	M
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0		2400.0	T	-
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140.0	D	64.0	T	M
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20.0	Y	8.0E-02	D	-
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55000.0	A	2000.0	A	M
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0		3.0	D	-
5800.0	Z	3.0E-03	E	-
370.0	A	200.0	A	M
370.0	A	200.0	A	-

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14000.0		**D**		**1600.0**		**E**		**M**
93.0		**A**		**20.0**		**A**		**M**
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370.0		**A**		**200.0**		**A**		**M**
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93.0		**A**		**20.0**		**A**		**M**
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370.0		**A**		**200.0**		**A**		**M**
370.0		**A**		**200.0**		**A**		**M**
370.0		**A**		**200.0**		**A**		**M**
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370.0		**A**		**200.0**		**A**		**M**
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370.0		**A**		**200.0**		**A**		**M**
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150000.0		**A**			**29000.0**		**A**		**L**
	0				**1400.0**		**T**		**M**
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	5000.0		Z		60.0		T		M
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APPENDIX G

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	631-586-5900	CW00018

5. Generator's Name and Mailing Address

DALE TRANSFER CORP.
129 DALE STREET
WEST BABYLON, NY 11704
Generator's Phone:

Generator's Site Address (if different than mailing address)

SAME

6. Transporter 1 Company Name

AARCO ENVIRONMENTAL SERVICES

U.S. EPA ID Number

NYP000107326

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

CLEAN WATER OF NEW YORK
3249 RICHMOND TERRACE
STATEN ISLAND, NY 10303 (718) 981-4600
Facility's Phone:

U.S. EPA ID Number

N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED LIQUIDS (OILY WATER)	XX 1	TT	1160	G	
2.	~~NON-REGULATED LIQUIDS (USED OIL)~~					
3.						
4.						

GENERATOR

13. Special Handling Instructions and Additional Information

1. APPROVAL # 1160-001
2. ~~APPROVAL # 1160-002~~

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: MUHAMMAD AWAN
Signature:
Month Day Year: 03 01 24

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MUHAMMAD AWAN
Signature:
Month Day Year: 03 01 24

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Carlos Herrera
Signature:
Month Day Year: 03 01 24

DESIGNATED FACILITY TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
			631-586-3900	NHWM221226

GENERATOR

5. Generator's Name and Mailing Address
NEW 470 LLC
~~58 VANDERBILT PKWY, SUITE 109~~ C/O HEATHERWOOD LUXURY RENTALS
58 VANDERBILT MOTOR PARKWAY, SUITE 100
COMMACK, NY 11725
Generator's Phone:

Generator's Site Address (if different than mailing address)
12 ECKFORD STREET
BROOKLYN, NY 11222

6. Transporter 1 Company Name
AARCO ENVIRONMENTAL SERVICES
U.S. EPA ID Number
NYR000107326

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
631-393-2882
Facility's Phone:
U.S. EPA ID Number
N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED LIQUIDS (CONDENSATE)	001	DM	450	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. APPROVAL # 2022-049 (.....x.....)
AARCO WO# 221226 TRUCK# B470

INT'L

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: MARCO BALLETTA (As Agent for Generator) Signature: [signature] Month 02 Day 26 Year 2024

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bryan Booth Signature: [signature] Month 2 Day 26 Year 24
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name Signature Month Day Year

Printed in USA by GC Labels 1-800-997-6966
DESIGNATED FACILITY TO GENERATOR
Reorder Part# MANIFEST-C6NHW 913-897-6966

APPENDIX H

IC/EC CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C224242

Site Name New 470 Project

Site Address: 12 Eckford Street Zip Code: 11222
City/Town: Brooklyn
County: Kings
Site Acreage: 0.512

Reporting Period: April 26, 2023 to April 26, 2024

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☑

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224242 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
2714-33	New 470 LLC	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan

- The property may be used for restricted residential, commercial, or industrial use,
- Groundwater use prohibition,
- Site management plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
2714-33	Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction

- A composite cover system across the site,
- A vapor barrier membrane,
- Sub-slab depressurization system,
- Soil vapor extraction system.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C224242

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ron Wasson at 58 Vanderbilt Motor Pkwy, Suite 100 Commack, NY 11725,
print name print business address

am certifying as Owner/Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/23/24
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Michelle Lapin, P.E. at AKRF, Inc. 440 Park Avenue South, 7th Floor, NY, NY 10010,

print name | print business address

am certifying as a Professional Engineer for the Owner/Remedial Party - New 470 LLC

(Owner or Remedial Party)



Michelle Lapin, P.E. 5/23/2024

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date