284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

METALS
GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : AVE B

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2364

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2364

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : Ave B

Laboratory Sample ID(s) : Q2364 Sampling Date(s) : 06/18/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,7471B,8082A,8260D**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q2364

Project ID : Ave B

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2364-01	GAV1A
Q2364-02	GAV1B
Q2364-03	GAV2A
Q2364-04	GAV2B

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:40 pm, Jun 27, 2025

Date: 6/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2364
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 06/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria.
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration File ID VY022742.D met the requirements except for Chloromethane, Failing marginally low therefore no corrective action was taken.
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:43 pm, Jun 27, 2025

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2364
Test Name: PCB

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 06/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:43 pm, Jun 27, 2025

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Ave B
Project # N/A
Order ID # Q2364
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 06/18/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

Sample GAV2B was diluted due to high concentrations for Mercury,Zinc.

The Blank Spike met requirements for all parameters.

The Duplicate (GAV1BDUP) analysis met criteria for all parameters except for Cadmium, Calcium, Cobalt, Copper, Lead, Manganese, Zinc due to matrix interference.

The Duplicate (GAV1BMSD) analysis met criteria for all parameters except for Copper due to matrix interference.

The Matrix Spike (GAV1BMS) analysis met criteria for all parameters except for Antimony, Barium, Manganese, Sodium due to matrix interference.

The Matrix Spike Duplicate (GAV1BMSD) analysis met criteria for all parameters except for Antimony, Barium, Sodium due to matrix interference.

The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
The Post Digest Spike (GAV1BA) analysis met criteria for all parameters except for Manganese due to unknown chemical interferences of matrix with the addition of spike amount after digestion and before analysis, matrix has suppression effect during addition of spike.

In analytical sequence LB136273, the concentration was outside of acceptance limit for Chromium of CCB05 which is not associated to any sample of this project.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:43 pm, Jun 27, 2025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

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

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2364

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 06/27/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2364

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GAV2B**								
Q2364-04	GAV2B	SOIL	Acetone		30.5		5.00	26.5	ug/Kg
			Total Voc :		30.5				
Q2364-04	GAV2B	SOIL	Bicyclo[2.2.1]heptane, 2,2,3-tri	*	25.1	J	0	0	ug/Kg
Q2364-04	GAV2B	SOIL	Benzene, 1,2,3,4-tetramethyl-	*	5.40	J	0	0	ug/Kg
			Total Tics :		30.5				
			Total Concentration:		61.0				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.50	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.80	U	0.80	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.94	U	0.94	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.88	U	0.88	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.4	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.92	U	0.92	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	0.85	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.90	U	3.90	27.4	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.50	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.71	U	0.71	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.68	U	0.68	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	27.4	ug/Kg
124-48-1	Dibromochloromethane	0.95	U	0.95	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.96	U	0.96	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.0	ug/Kg
95-47-6	o-Xylene	0.90	U	0.90	5.50	ug/Kg
100-42-5	Styrene	0.78	U	0.78	5.50	ug/Kg
75-25-2	Bromoform	0.94	U	0.94	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.9		70 (63) - 130 (155)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.0		70 (70) - 130 (134)	110%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (74) - 130 (123)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		70 (17) - 130 (146)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	89300	7.707			
540-36-3	1,4-Difluorobenzene	170000	8.615			
3114-55-4	Chlorobenzene-d5	144000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	53900	13.346			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.30	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.30	ug/Kg
75-01-4	Vinyl Chloride	0.84	U	0.84	5.30	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.30	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.30	ug/Kg
67-64-1	Acetone	30.5		5.00	26.5	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.77	U	0.77	5.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.30	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	5.30	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	5.30	ug/Kg
78-93-3	2-Butanone	6.90	U	6.90	26.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.30	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.30	ug/Kg
67-66-3	Chloroform	0.89	U	0.89	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.97	U	0.97	5.30	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	0.83	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	26.5	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.69	U	0.69	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.66	U	0.66	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.5	ug/Kg
124-48-1	Dibromochloromethane	0.92	U	0.92	5.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.93	U	0.93	5.30	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.30	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.6	ug/Kg
95-47-6	o-Xylene	0.87	U	0.87	5.30	ug/Kg
100-42-5	Styrene	0.75	U	0.75	5.30	ug/Kg
75-25-2	Bromoform	0.91	U	0.91	5.30	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		70 (17) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	88900	7.707			
540-36-3	1,4-Difluorobenzene	167000	8.615			
3114-55-4	Chlorobenzene-d5	143000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	54200	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000473-19-8	Bicyclo[2.2.1]heptane, 2,2,3-trime	25.1	J		12.8	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	5.40	J		13.4	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2364-02	GAV1B	1,2-Dichloroethane-d4	50	55.9	112	70 (63)	130 (155)
		Dibromofluoromethane	50	55.0	110	70 (70)	130 (134)
		Toluene-d8	50	50.3	100	70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.1	84	70 (17)	130 (146)
Q2364-04	GAV2B	1,2-Dichloroethane-d4	50	57.5	115	70 (63)	130 (155)
		Dibromofluoromethane	50	53.5	107	70 (70)	130 (134)
		Toluene-d8	50	50.5	101	70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.1	90	70 (17)	130 (146)
VY0619SBL01	VY0619SBL01	1,2-Dichloroethane-d4	50	50.4	101	70 (63)	130 (155)
		Dibromofluoromethane	50	50.9	102	70 (70)	130 (134)
		Toluene-d8	50	50.5	101	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.1	80	70 (17)	130 (146)
VY0619SBS01	VY0619SBS01	1,2-Dichloroethane-d4	50	51.3	102	70 (63)	130 (155)
		Dibromofluoromethane	50	53.0	106	70 (70)	130 (134)
		Toluene-d8	50	51.4	103	70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.9	96	70 (17)	130 (146)
VY0619SBSD01	VY0619SBSD01	1,2-Dichloroethane-d4	50	55.5	111	70 (63)	130 (155)
		Dibromofluoromethane	50	53.8	108	70 (70)	130 (134)
		Toluene-d8	50	53.5	107	70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.5	103	70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022744.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0619SBS01	Dichlorodifluoromethane	20	20.5	ug/Kg	103			40 (64)	160 (136)	
	Chloromethane	20	16.7	ug/Kg	84			40 (52)	160 (151)	
	Vinyl chloride	20	19.8	ug/Kg	99			70 (56)	130 (148)	
	Bromomethane	20	20.2	ug/Kg	101			40 (58)	160 (141)	
	Chloroethane	20	21.2	ug/Kg	106			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.6	ug/Kg	108			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.1	ug/Kg	106			70 (79)	130 (121)	
	Acetone	100	140	ug/Kg	140			40 (40)	160 (171)	
	Carbon disulfide	20	19.8	ug/Kg	99			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	19.5	ug/Kg	98			70 (77)	130 (129)	
	Methyl Acetate	20	17.4	ug/Kg	87			70 (69)	130 (149)	
	Methylene Chloride	20	20.6	ug/Kg	103			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106			70 (80)	130 (123)	
	1,1-Dichloroethane	20	22.1	ug/Kg	111			70 (82)	130 (123)	
	Cyclohexane	20	19.3	ug/Kg	97			70 (76)	130 (122)	
	2-Butanone	100	120	ug/Kg	120			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.2	ug/Kg	106			70 (82)	130 (123)	
	Bromochloromethane	20	21.7	ug/Kg	109			70 (80)	130 (127)	
	Chloroform	20	22.4	ug/Kg	112			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.9	ug/Kg	110			70 (80)	130 (126)	
	Methylcyclohexane	20	19.3	ug/Kg	97			70 (77)	130 (123)	
	Benzene	20	21.4	ug/Kg	107			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			70 (81)	130 (126)	
	Trichloroethene	20	21.7	ug/Kg	109			70 (83)	130 (122)	
	1,2-Dichloropropane	20	22.2	ug/Kg	111			70 (83)	130 (122)	
	Bromodichloromethane	20	21.7	ug/Kg	109			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	91.0	ug/Kg	91			40 (70)	160 (135)	
	Toluene	20	21.1	ug/Kg	106			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	21.2	ug/Kg	106			70 (82)	130 (125)	
	2-Hexanone	100	98.6	ug/Kg	99			40 (66)	160 (138)	
	Dibromochloromethane	20	20.9	ug/Kg	104			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.3	ug/Kg	102			70 (80)	130 (125)	
	Tetrachloroethene	20	22.2	ug/Kg	111			70 (83)	130 (125)	
	Chlorobenzene	20	20.8	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	20.6	ug/Kg	103			70 (82)	130 (124)	
	m/p-Xylenes	40	40.5	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	20.3	ug/Kg	102			70 (83)	130 (123)	
	Styrene	20	20.2	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	19.1	ug/Kg	96			70 (75)	130 (127)	
	Isopropylbenzene	20	20.7	ug/Kg	104			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/Kg	103			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.9	ug/Kg	104			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022744.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0619SBS01	1,2-Dibromo-3-Chloropropane	20	19.7	ug/Kg	99			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	20.4	ug/Kg	102			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0619SBSD01	Dichlorodifluoromethane	20	21.5	ug/Kg	108	5		40 (64)	160 (136)	30 (20)
	Chloromethane	20	18.2	ug/Kg	91	8		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	21.2	ug/Kg	106	7		70 (56)	130 (148)	30 (20)
	Bromomethane	20	20.9	ug/Kg	104	3		40 (58)	160 (141)	30 (20)
	Chloroethane	20	22.9	ug/Kg	115	8		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	23.7	ug/Kg	119	10		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	22.9	ug/Kg	115	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.5	ug/Kg	108	2		70 (79)	130 (121)	30 (20)
	Acetone	100	160	ug/Kg	160	13		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.3	ug/Kg	102	3		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109	11		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	21.9	ug/Kg	110	23		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	22.1	ug/Kg	111	7		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	22.5	ug/Kg	113	6		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	23.8	ug/Kg	119	7		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.5	ug/Kg	103	6		70 (76)	130 (122)	30 (20)
	2-Butanone	100	130	ug/Kg	130	8		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.7	ug/Kg	109	5		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111	5		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	22.7	ug/Kg	114	4		70 (80)	130 (127)	30 (20)
	Chloroform	20	23.1	ug/Kg	116	4		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	22.6	ug/Kg	113	3		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.0	ug/Kg	100	3		70 (77)	130 (123)	30 (20)
	Benzene	20	22.5	ug/Kg	113	5		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	22.8	ug/Kg	114	9		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	22.5	ug/Kg	113	4		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	23.4	ug/Kg	117	5		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	22.9	ug/Kg	115	5		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	19		40 (70)	160 (135)	30 (20)
	Toluene	20	21.7	ug/Kg	109	3		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	22.0	ug/Kg	110	12		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	22.4	ug/Kg	112	7		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	23.3	ug/Kg	117	10		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	120	ug/Kg	120	19		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	22.4	ug/Kg	112	7		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	22.4	ug/Kg	112	9		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	25.6	ug/Kg	128	14		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	22.3	ug/Kg	112	7		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	21.0	ug/Kg	105	2		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	41.9	ug/Kg	105	4		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.9	ug/Kg	104	2		70 (83)	130 (123)	30 (20)
	Styrene	20	21.2	ug/Kg	106	5		70 (82)	130 (124)	30 (20)
	Bromoform	20	22.5	ug/Kg	113	16		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	21.1	ug/Kg	106	2		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	6		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.7	ug/Kg	109	5		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	22.3	ug/Kg	112	6		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	22.3	ug/Kg	112	7		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0619SBSD01	1,2-Dibromo-3-Chloropropane	20	24.5	ug/Kg	123	22		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	21.2	ug/Kg	106	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	22.4	ug/Kg	112	13		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0619SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022743.D Lab Sample ID: VY0619SBL01

Date Analyzed: 06/19/2025 Time Analyzed: 09:48

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0619SBS01	VY0619SBS01	VY022744.D	06/19/2025
VY0619SBSD01	VY0619SBSD01	VY022745.D	06/19/2025
GAV1B	Q2364-02	VY022752.D	06/19/2025
GAV2B	Q2364-04	VY022753.D	06/19/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022488.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	86.2
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.5 (95.6) 1
177	5.0 - 9.0% of mass 176	5.4 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022491.D	06/02/2025	11:46
VSTDICC010	VSTDICC010	VY022492.D	06/02/2025	12:09
VSTDICC020	VSTDICC020	VY022493.D	06/02/2025	12:32
VSTDICCC050	VSTDICCC050	VY022494.D	06/02/2025	12:54
VSTDICC100	VSTDICC100	VY022495.D	06/02/2025	13:17
VSTDICC150	VSTDICC150	VY022496.D	06/02/2025	13:39

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022741.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:38

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.3
75	30.0 - 60.0% of mass 95	58.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	87.2
175	5.0 - 9.0% of mass 174	7.3 (8.4) 1
176	95.0 - 101.0% of mass 174	84.3 (96.7) 1
177	5.0 - 9.0% of mass 176	5.5 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022742.D	06/19/2025	09:10
VY0619SBL01	VY0619SBL01	VY022743.D	06/19/2025	09:48
VY0619SBS01	VY0619SBS01	VY022744.D	06/19/2025	10:26
VY0619SBSD01	VY0619SBSD01	VY022745.D	06/19/2025	10:49
GAV1B	Q2364-02	VY022752.D	06/19/2025	13:48
GAV2B	Q2364-04	VY022753.D	06/19/2025	14:11

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022742.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	138661	7.71	231867	8.62	198920	11.41
UPPER LIMIT	277322	8.213	463734	9.116	397840	11.914
LOWER LIMIT	69330.5	7.213	115934	8.116	99460	10.914
EPA SAMPLE NO.						
GAV1B	89285	7.71	170451	8.62	144046	11.41
GAV2B	88870	7.71	166685	8.62	143096	11.41
VY0619SBL01	102602	7.71	191401	8.62	154033	11.41
VY0619SBS01	142585	7.71	243559	8.62	203825	11.41
VY0619SBSD01	135425	7.71	230490	8.62	196060	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022742.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	92724	13.347				
UPPER LIMIT	185448	13.847				
LOWER LIMIT	46362	12.847				
EPA SAMPLE NO.						
GAV1B	53874	13.35				
GAV2B	54203	13.35				
VY0619SBL01	52432	13.35				
VY0619SBS01	92139	13.35				
VY0619SBSD01	90185	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		70 (17) - 130 (146)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	7.713			
540-36-3	1,4-Difluorobenzene	191000	8.616			
3114-55-4	Chlorobenzene-d5	154000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	52400	13.346			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	16.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.1		1.00	5.00	ug/Kg
67-64-1	Acetone	140		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.4		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.6		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.3		0.91	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.7		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	91.0		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.2		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	98.6		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.3		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	20.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.4		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (63) - 130 (155)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		70 (17) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	7.713			
540-36-3	1,4-Difluorobenzene	244000	8.616			
3114-55-4	Chlorobenzene-d5	204000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	92100	13.347			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	18.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	22.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.5		1.00	5.00	ug/Kg
67-64-1	Acetone	160		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.5		0.79	5.00	ug/Kg
78-93-3	2-Butanone	130		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	22.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	23.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.9		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.7		0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	22.0		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	25.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.9		0.82	5.00	ug/Kg
100-42-5	Styrene	21.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	22.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	24.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (74) - 130 (123)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (17) - 130 (146)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	135000	7.707			
540-36-3	1,4-Difluorobenzene	230000	8.616			
3114-55-4	Chlorobenzene-d5	196000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	90200	13.346			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.9
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.2
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Bromochloromethane	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.9
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.9
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dibromo-3-Chloropropane	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.7
1,2,4-Trichlorobenzene	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.2
1,2,3-Trichlorobenzene	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date/Time: 06/19/2025 09:10

Lab File ID: VY022742.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.401		-10.49	20
Chloromethane	1.322	1.057	0.1	-20.05	20
Vinyl Chloride	1.534	1.440		-6.13	20
Bromomethane	1.470	1.180		-19.73	20
Chloroethane	1.053	1.070		1.61	20
Trichlorofluoromethane	1.302	1.323		1.61	20
1,1,2-Trichlorotrifluoroethane	0.549	0.585		6.56	20
1,1-Dichloroethene	0.524	0.548		4.58	20
Acetone	0.114	0.127		11.4	20
Carbon Disulfide	1.679	1.619		-3.57	20
Methyl tert-butyl Ether	1.477	1.571		6.36	20
Methyl Acetate	0.336	0.395		17.56	20
Methylene Chloride	0.645	0.661		2.48	20
trans-1,2-Dichloroethene	0.587	0.630		7.32	20
1,1-Dichloroethane	1.079	1.227	0.1	13.72	20
Cyclohexane	1.075	1.012		-5.86	20
2-Butanone	0.164	0.173		5.49	20
Carbon Tetrachloride	0.497	0.557		12.07	20
cis-1,2-Dichloroethene	0.678	0.751		10.77	20
Bromochloromethane	0.471	0.506		7.43	20
Chloroform	1.069	1.227		14.78	20
1,1,1-Trichloroethane	0.949	1.074		13.17	20
Methylcyclohexane	0.651	0.656		0.77	20
Benzene	1.431	1.613		12.72	20
1,2-Dichloroethane	0.391	0.438		12.02	20
Trichloroethene	0.350	0.387		10.57	20
1,2-Dichloropropane	0.338	0.389		15.09	20
Bromodichloromethane	0.482	0.562		16.6	20
4-Methyl-2-Pentanone	0.233	0.248		6.44	20
Toluene	0.899	1.000		11.23	20
t-1,3-Dichloropropene	0.452	0.497		9.96	20
cis-1,3-Dichloropropene	0.526	0.594		12.93	20
1,1,2-Trichloroethane	0.243	0.277		13.99	20
2-Hexanone	0.156	0.163		4.49	20
Dibromochloromethane	0.308	0.351		13.96	20
1,2-Dibromoethane	0.221	0.246		11.31	20
Tetrachloroethene	0.430	0.506		17.67	20
Chlorobenzene	1.106	1.236	0.3	11.75	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date/Time: 06/19/2025 09:10

Lab File ID: VY022742.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.052	2.275		10.87	20
m/p-Xylenes	0.778	0.866		11.31	20
o-Xylene	0.729	0.806		10.56	20
Styrene	1.206	1.353		12.19	20
Bromoform	0.198	0.220	0.1	11.11	20
Isopropylbenzene	4.105	4.525		10.23	20
1,1,2,2-Tetrachloroethane	0.674	0.725	0.3	7.57	20
1,3-Dichlorobenzene	1.755	1.968		12.14	20
1,4-Dichlorobenzene	1.702	1.883		10.64	20
1,2-Dichlorobenzene	1.490	1.622		8.86	20
1,2-Dibromo-3-Chloropropane	0.098	0.102		4.08	20
1,2,4-Trichlorobenzene	0.813	0.892		9.72	20
1,2,3-Trichlorobenzene	0.697	0.738		5.88	20
1,2-Dichloroethane-d4	0.559	0.594		6.26	20
Dibromofluoromethane	0.298	0.323		8.39	20
Toluene-d8	1.206	1.284		6.47	20
4-Bromofluorobenzene	0.359	0.367		2.23	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Time: Jun 20 02:59:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	89285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	170451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	144046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55857	55.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.880%			
35) Dibromofluoromethane	7.640	113	55951	54.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.980%			
50) Toluene-d8	10.103	98	206564	50.248	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.401	95	51629	42.152	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.300%			

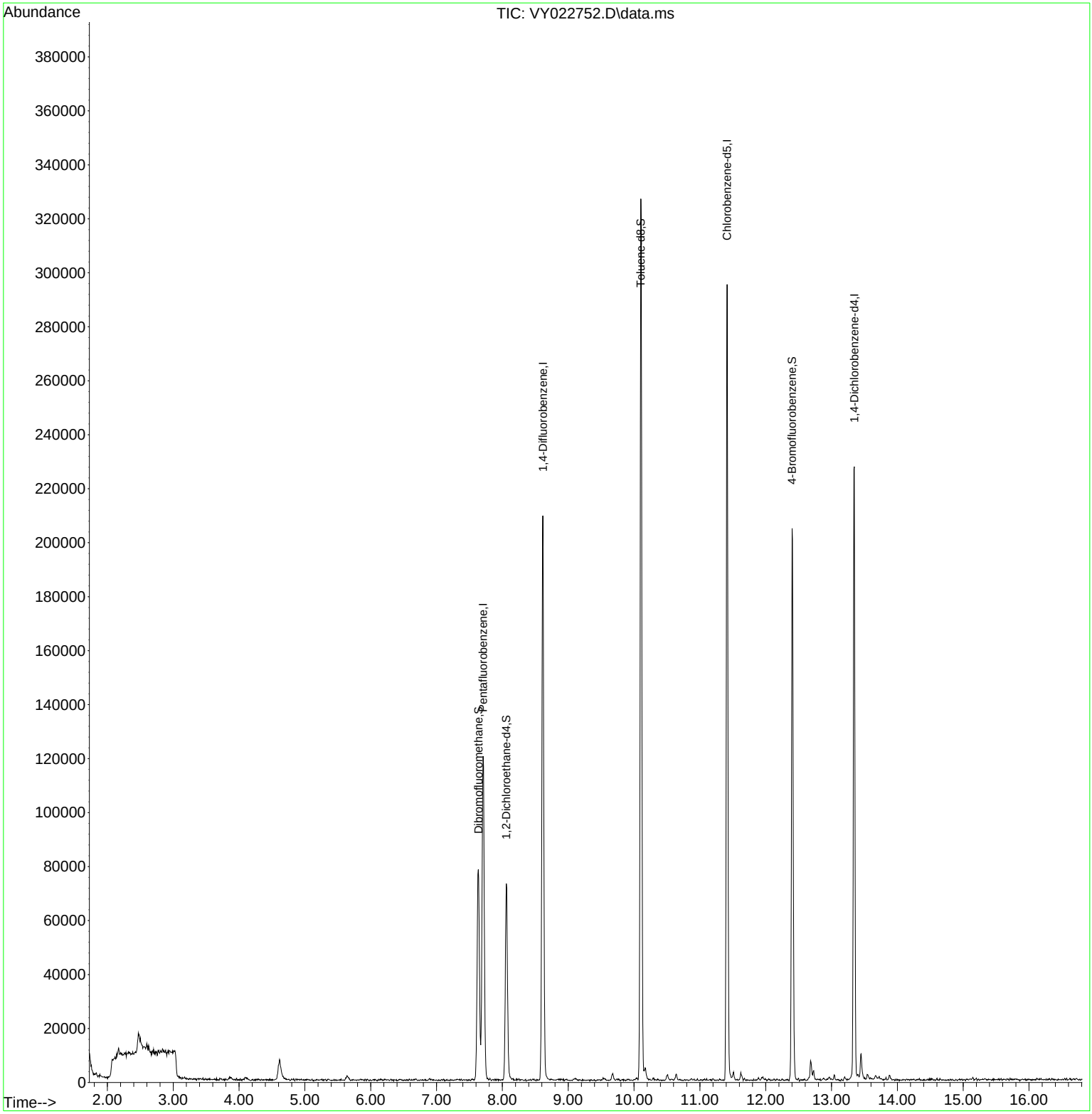
Target Compounds Qvalue

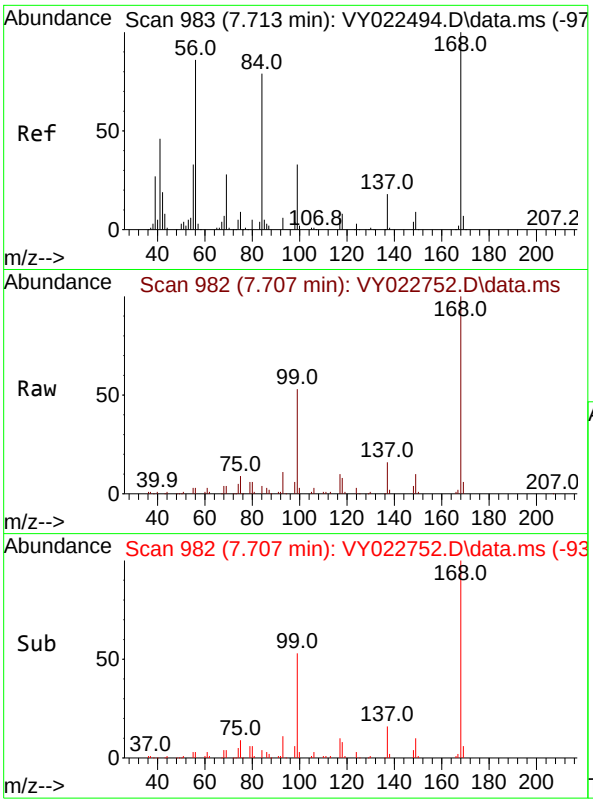
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Time: Jun 20 02:59:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



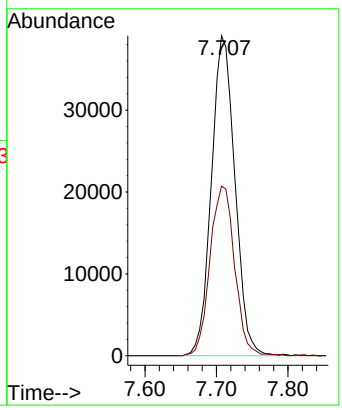


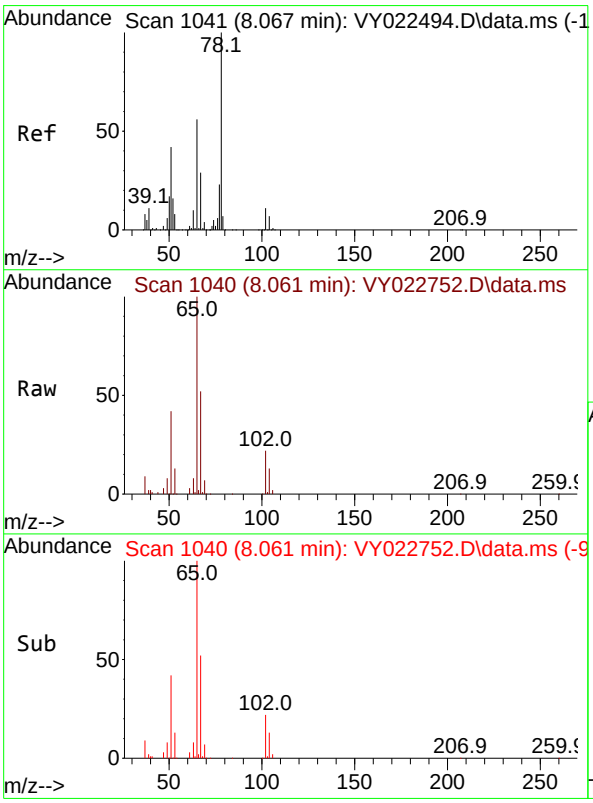
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:168 Resp: 89285

Ion	Ratio	Lower	Upper
168	100		
99	53.0	44.3	66.5

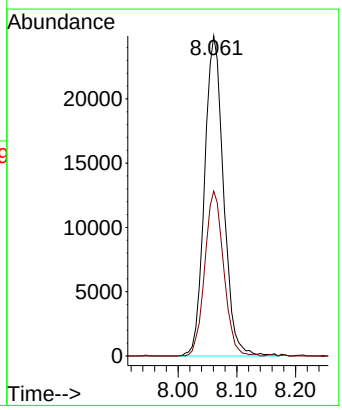


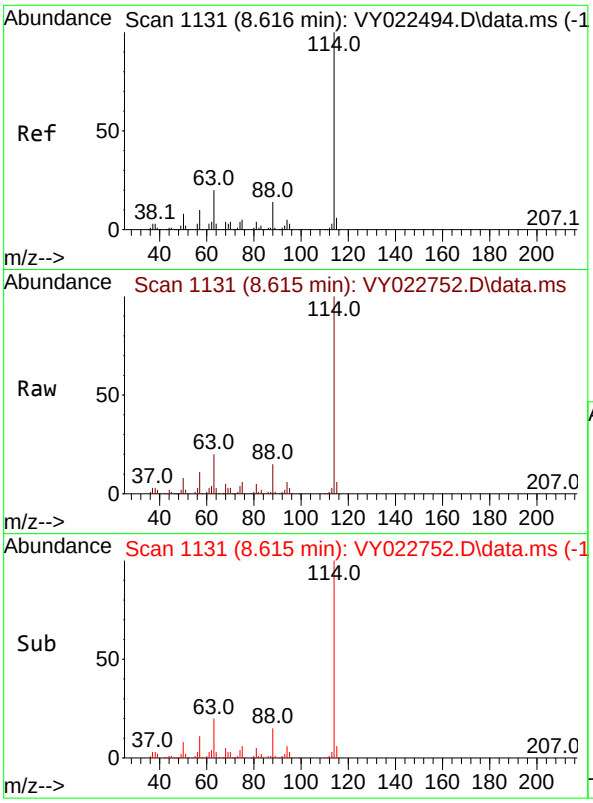


#33
1,2-Dichloroethane-d4
Concen: 55.935 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion: 65 Resp: 55857

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4



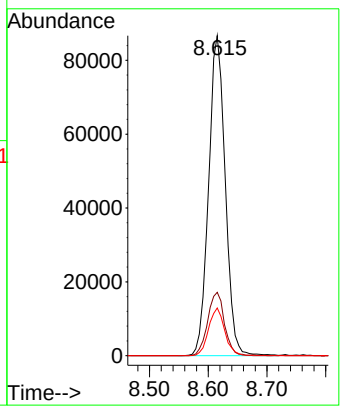


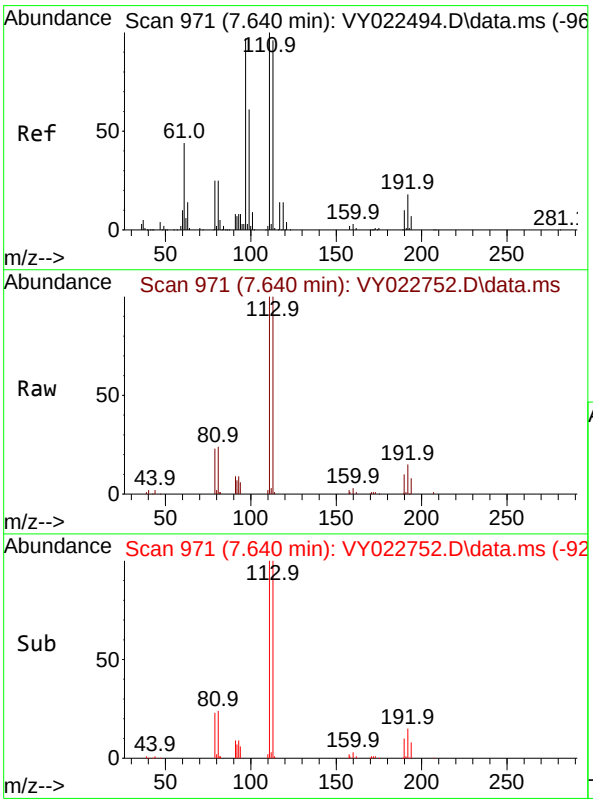
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:114 Resp: 170451

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	14.9	0.0	27.8

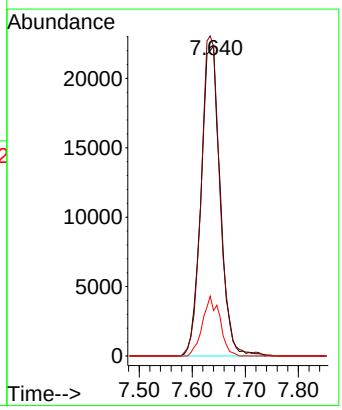


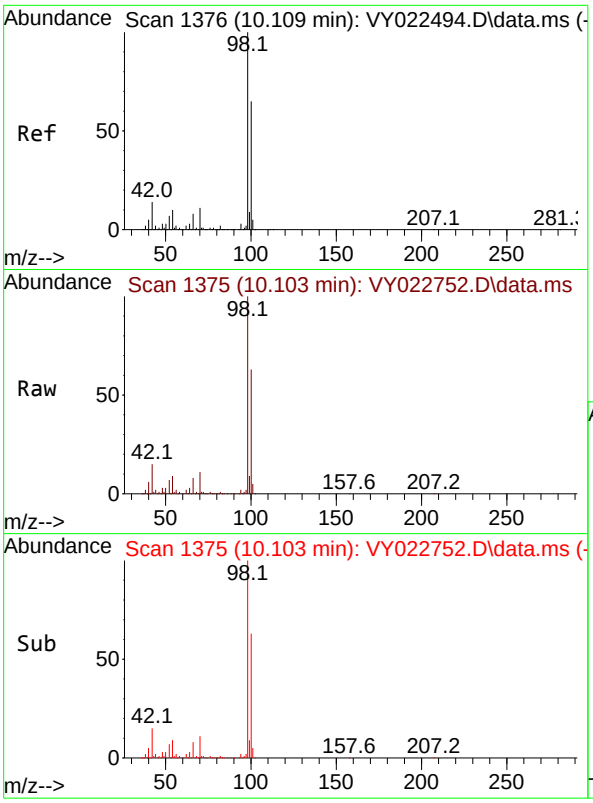


#35
Dibromofluoromethane
Concen: 54.995 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion:113 Resp: 55951

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.1	121.7
192	17.6	14.2	21.2



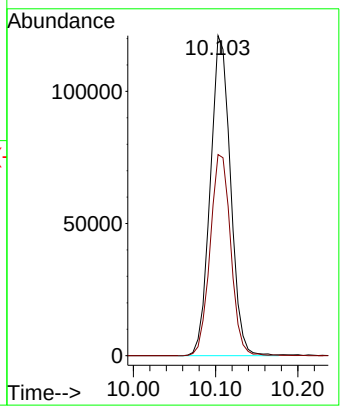


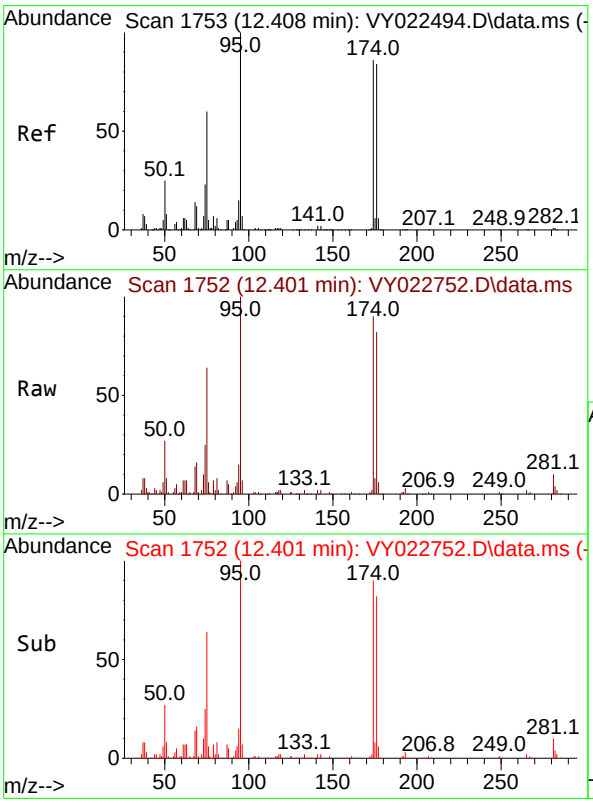
#50
Toluene-d8
Concen: 50.248 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion: 98 Resp: 206564

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0

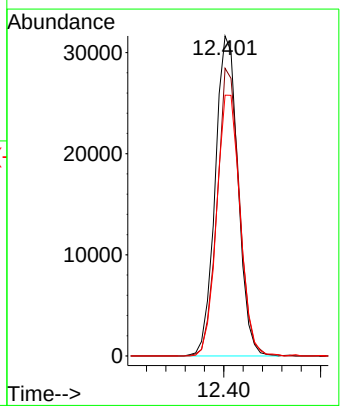


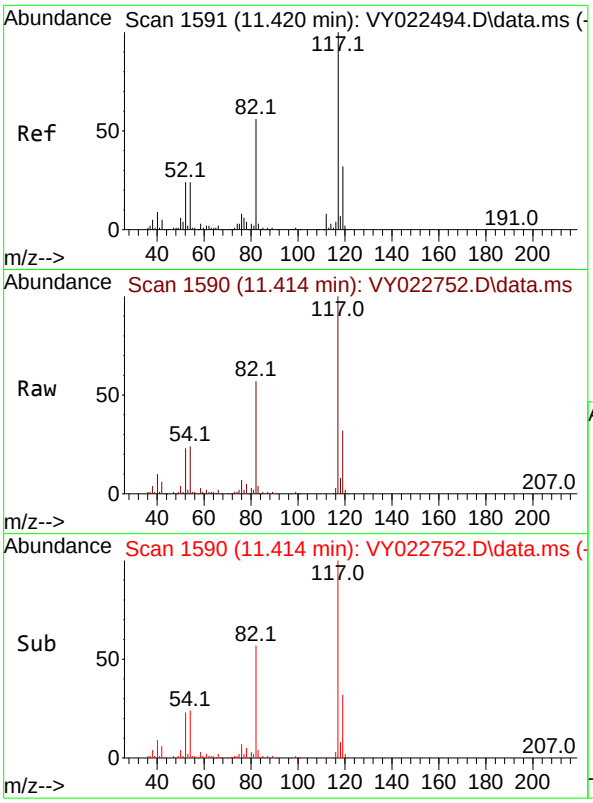


#62
4-Bromofluorobenzene
Concen: 42.152 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion: 95 Resp: 51629

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	170.0
176	84.0	0.0	166.2



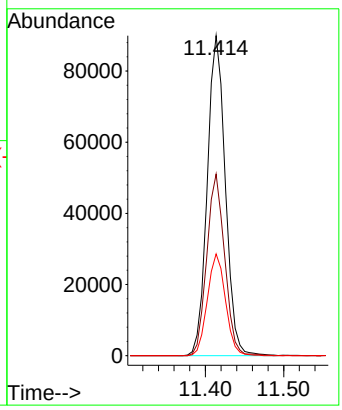


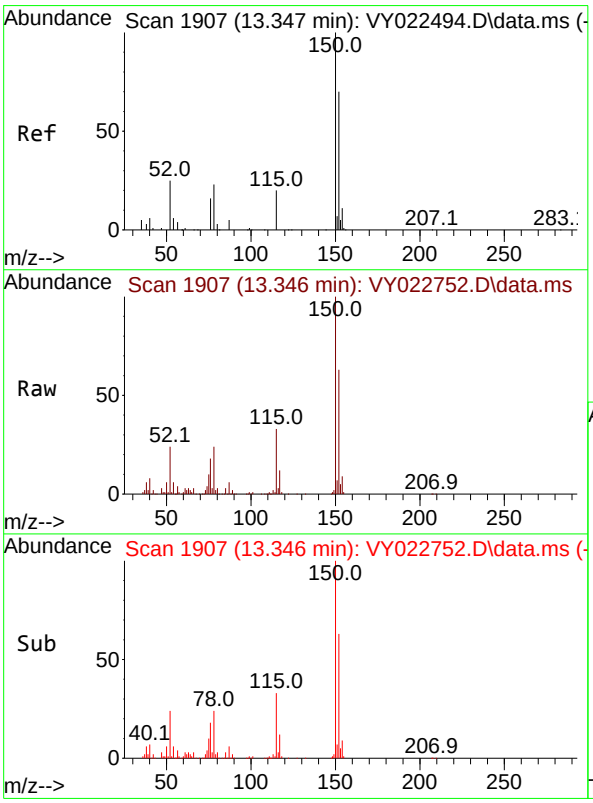
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:117 Resp: 144046

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	31.8	25.4	38.0

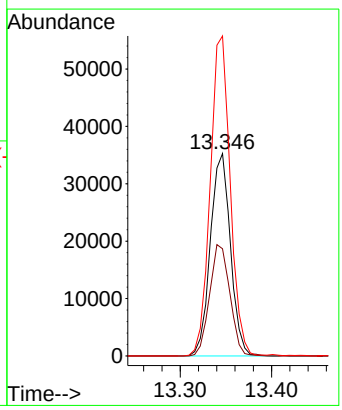




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion:152 Resp: 53874

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.9	86.7
150	157.3	0.0	349.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV3	6543	12421	2.20%	0.426%
2	2.470	119	123	127	rBV3	6423	12565	2.23%	0.431%
3	4.616	461	475	486	rBV8	7549	24150	4.28%	0.829%
4	7.634	959	970	976	rBV2	78135	192559	34.11%	6.612%
5	7.707	976	982	993	rVB	119634	280896	49.76%	9.645%
6	8.061	1031	1040	1054	rBV	72857	164971	29.22%	5.664%
7	8.615	1123	1131	1149	rVB	209119	414930	73.50%	14.247%
8	10.103	1368	1375	1382	rBV	326441	564537	100.00%	19.384%
9	10.170	1384	1386	1392	rVB3	4142	6166	1.09%	0.212%
10	11.414	1583	1590	1601	rBV	294811	479111	84.87%	16.451%
11	12.401	1744	1752	1765	rBV2	204706	366396	64.90%	12.581%
12	12.682	1791	1798	1803	rBV4	7183	13402	2.37%	0.460%
13	13.346	1893	1907	1914	rBV	227168	363955	64.47%	12.497%
14	13.450	1919	1924	1932	rVB2	9260	16330	2.89%	0.561%

Sum of corrected areas: 2912389

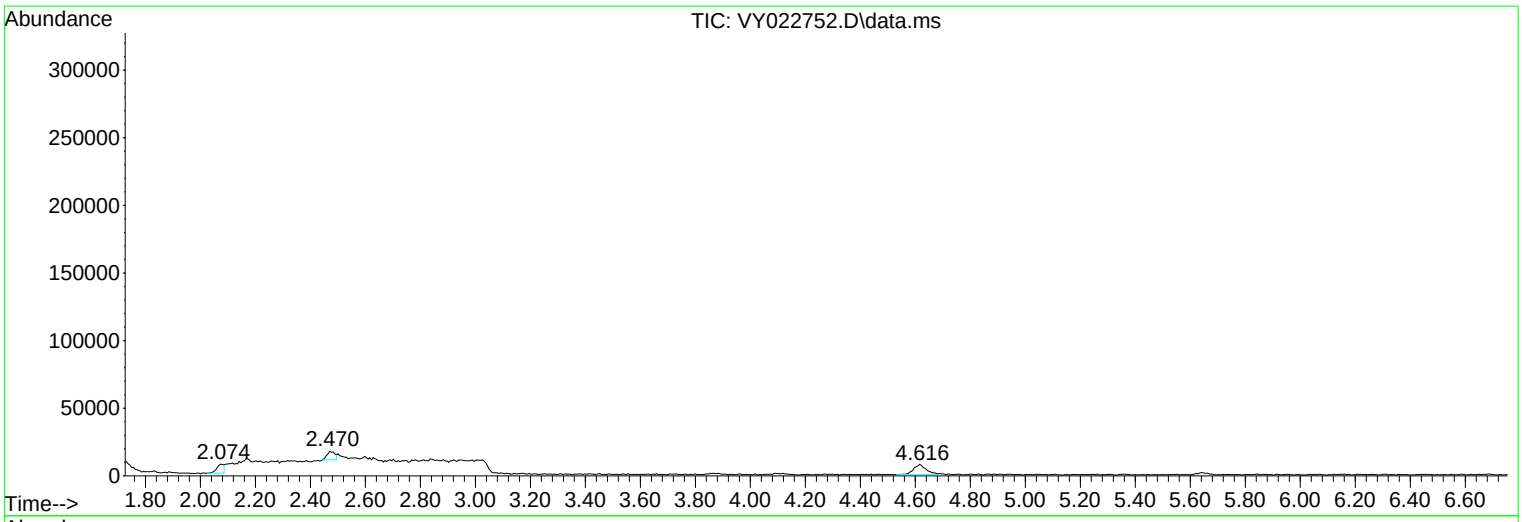
Sample Results: **VY022752.D**

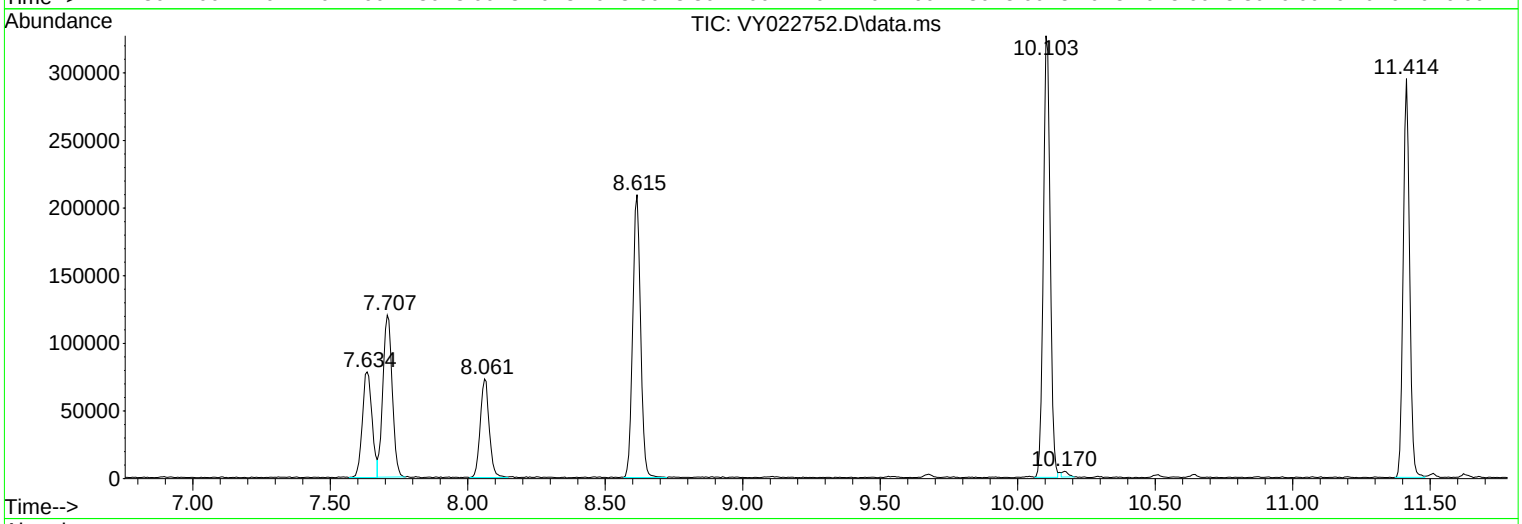
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

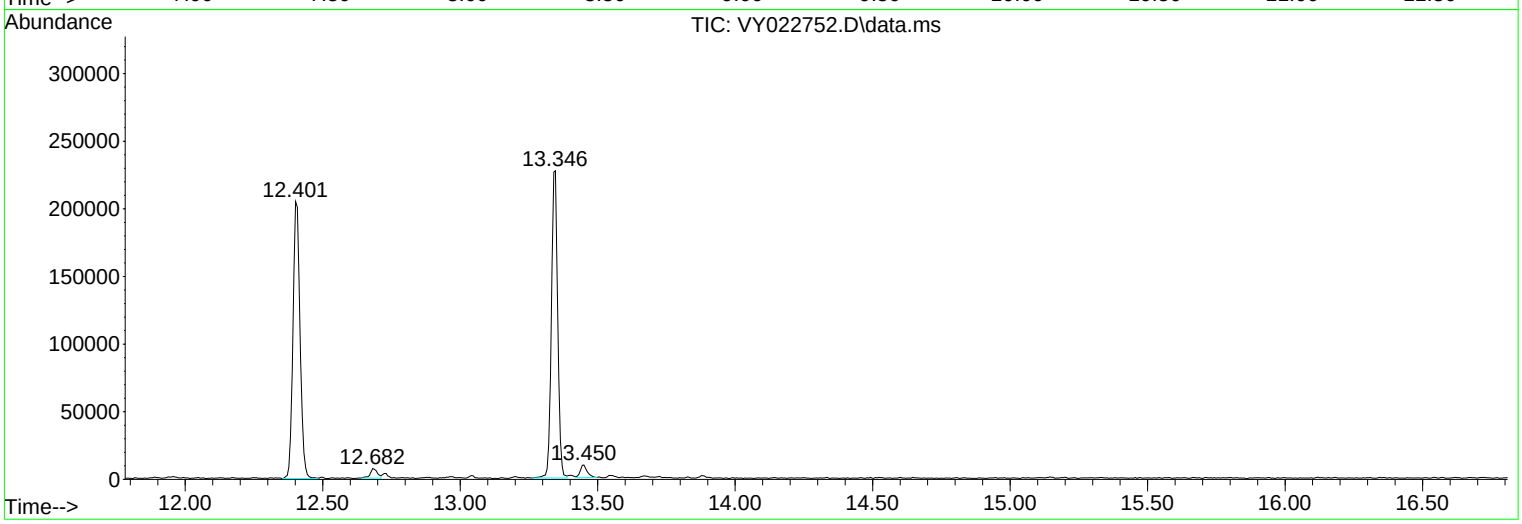
Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Time: Jun 20 02:59:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

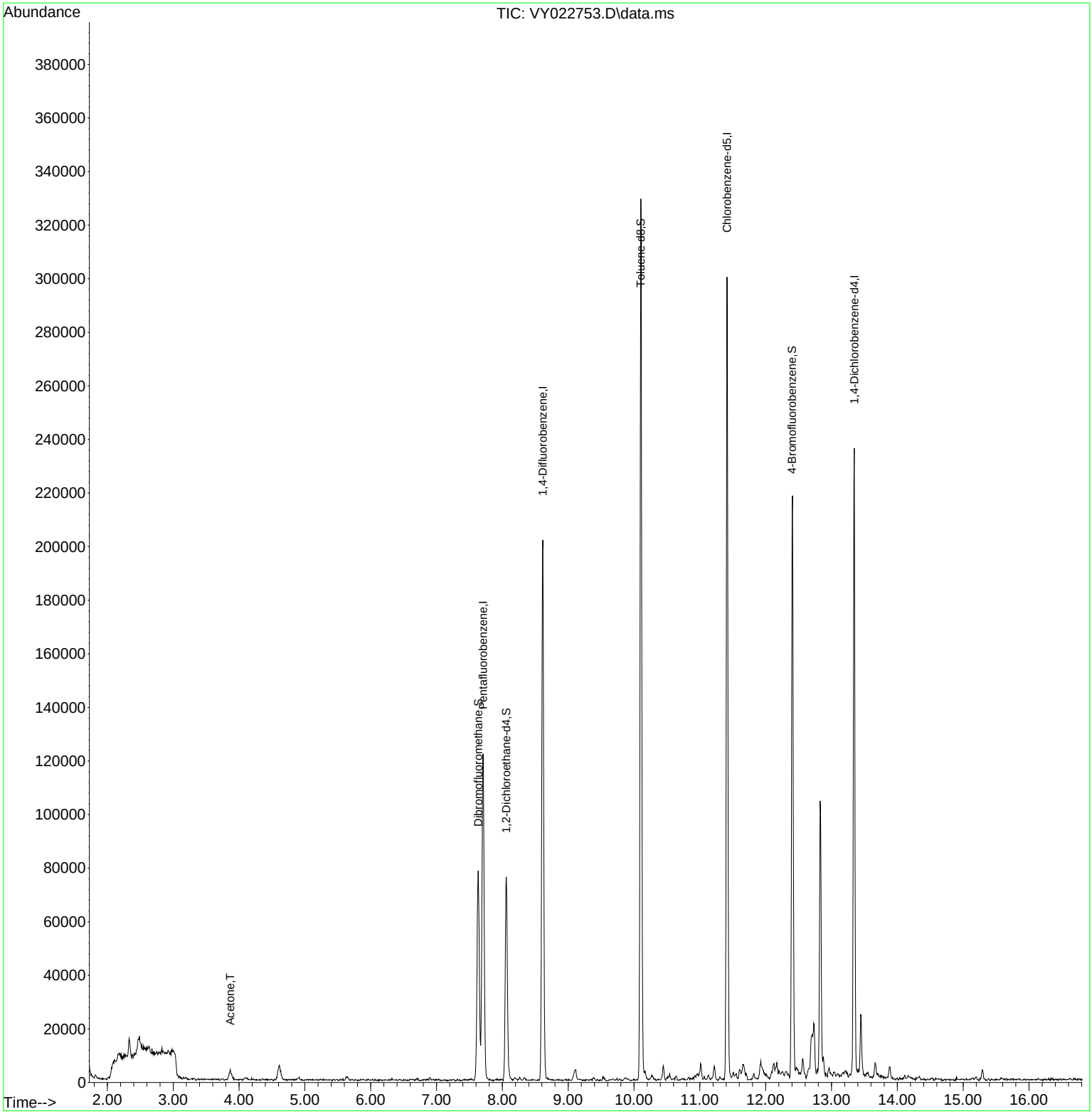
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	88870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	166685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57181	57.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.060%			
35) Dibromofluoromethane	7.634	113	53231	53.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.000%			
50) Toluene-d8	10.103	98	202963	50.487	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.401	95	54005	45.088	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.180%			
Target Compounds						Qvalue
16) Acetone	3.866	43	5802	28.743	ug/l #	61

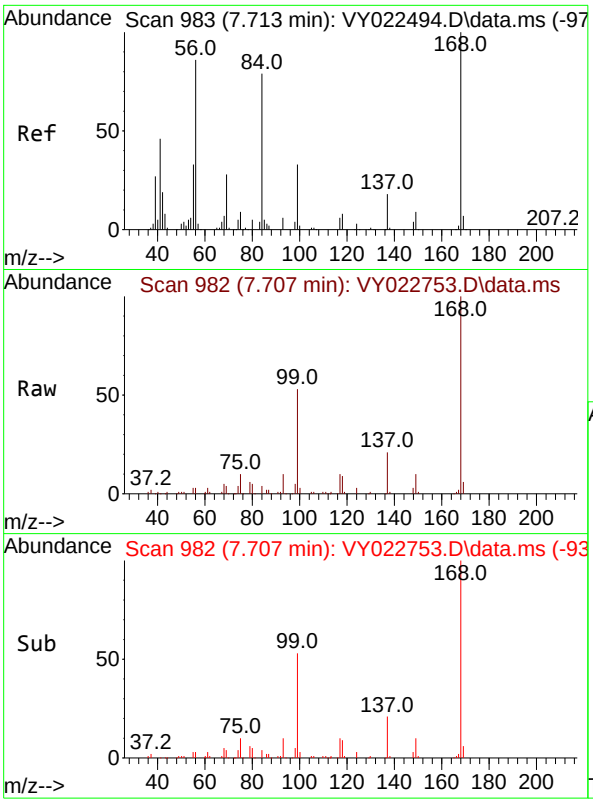
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Time: Jun 20 02:59:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



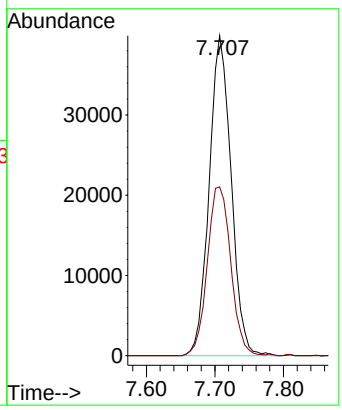


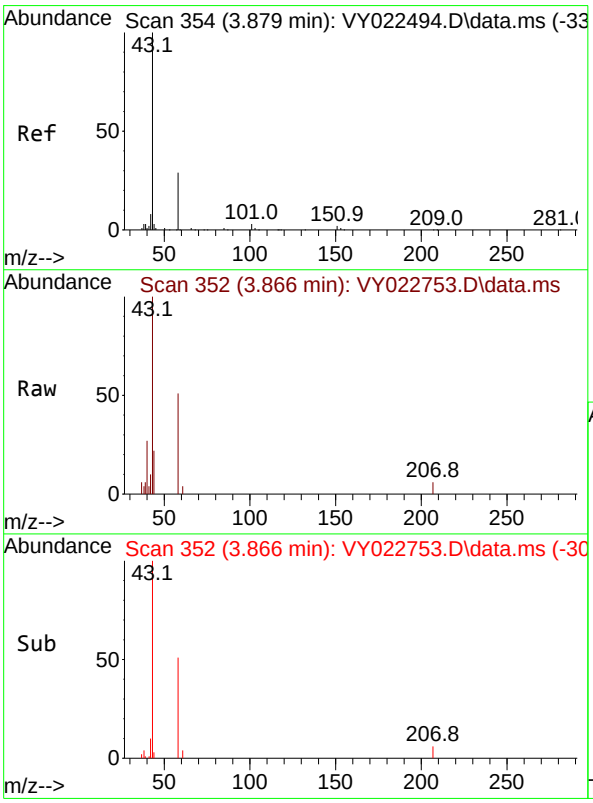
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion:168 Resp: 88870

Ion	Ratio	Lower	Upper
168	100		
99	52.8	44.3	66.5

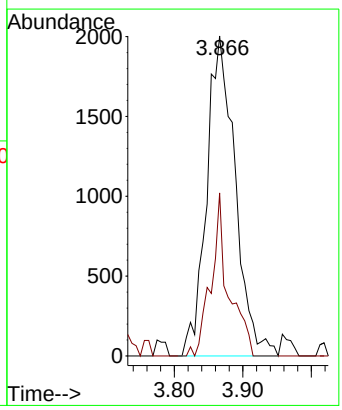




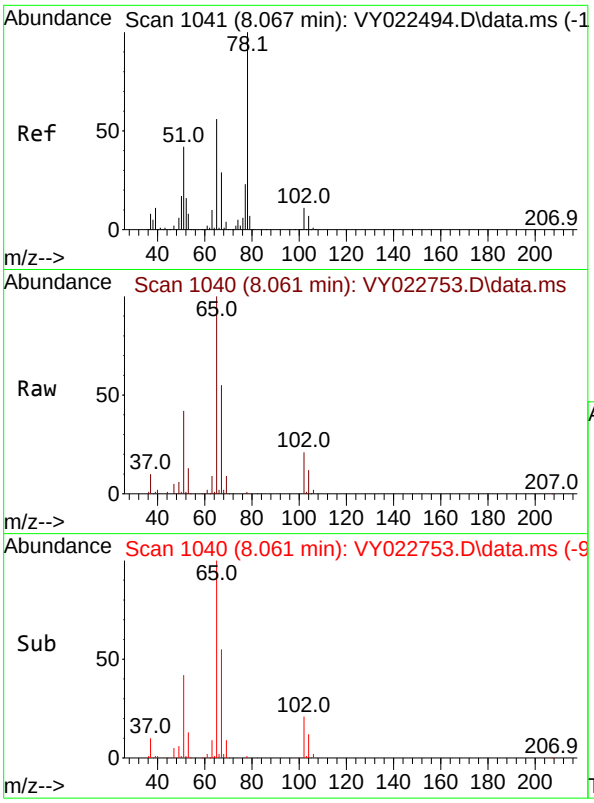
#16
Acetone
Concen: 28.743 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 43 Resp: 5802

Ion	Ratio	Lower	Upper
43	100		
58	50.9	24.0	36.0#



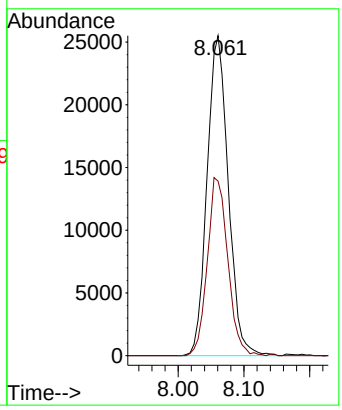
Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

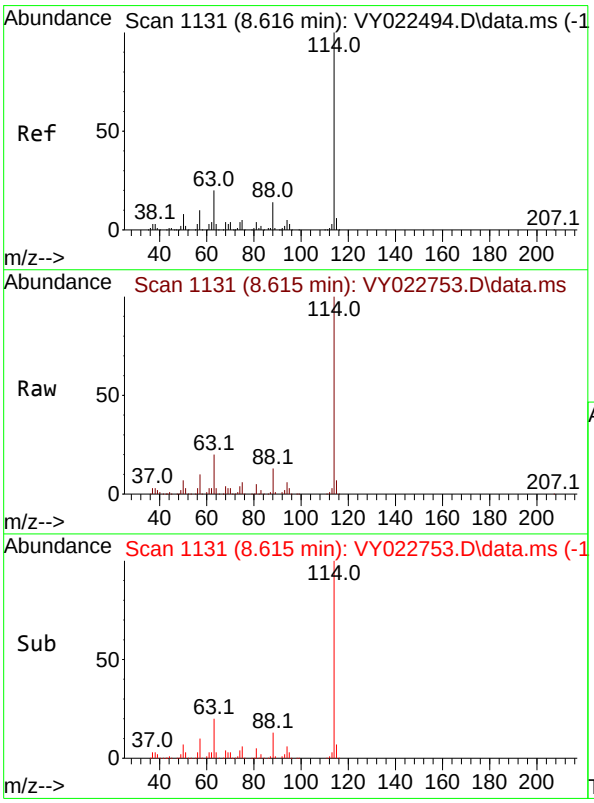


#33
1,2-Dichloroethane-d4
Concen: 57.528 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 65 Resp: 57181

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	103.4

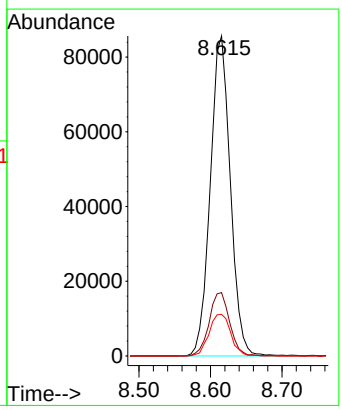


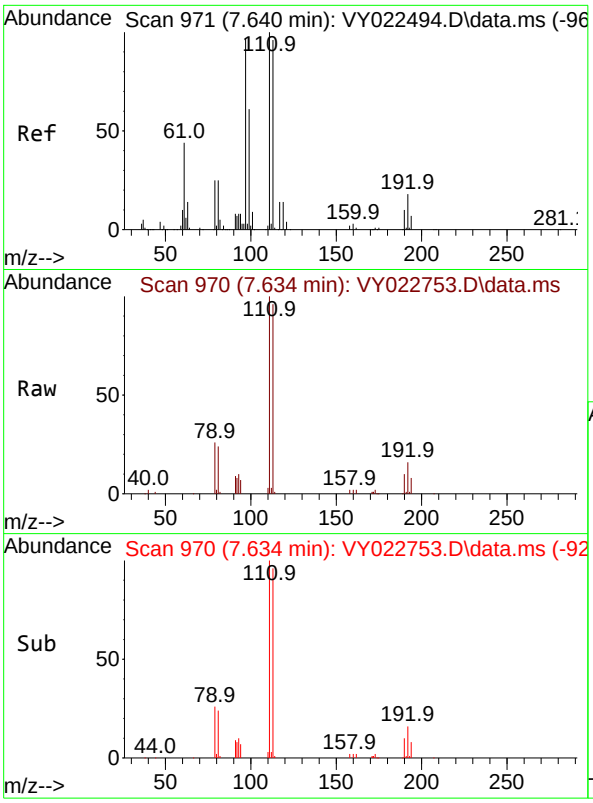


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:114 Resp: 166685

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	13.0	0.0	27.8



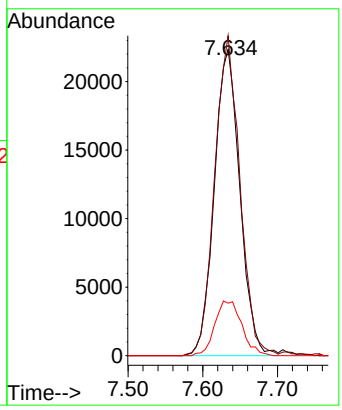


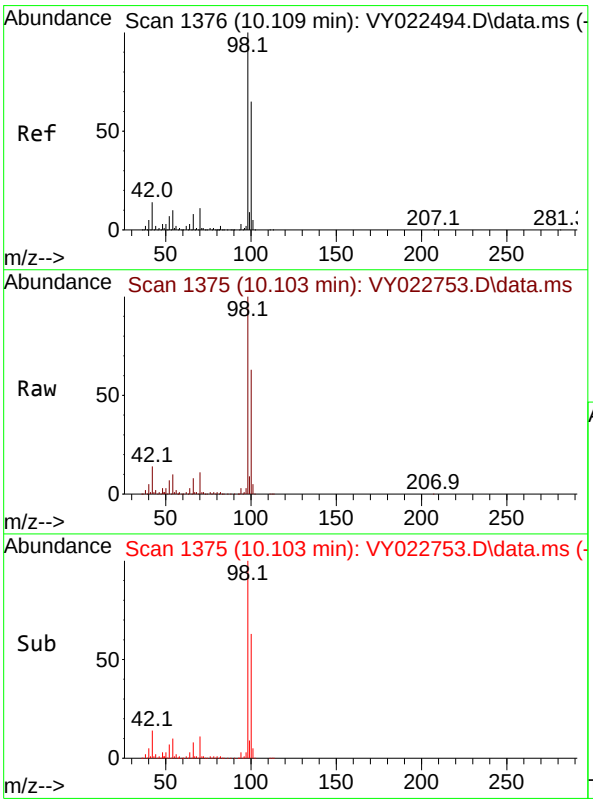
#35
Dibromofluoromethane
Concen: 53.503 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion:113 Resp: 53231

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	18.9	14.2	21.2

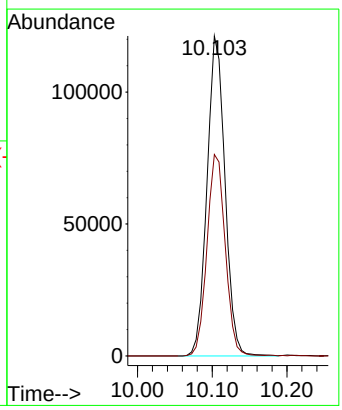




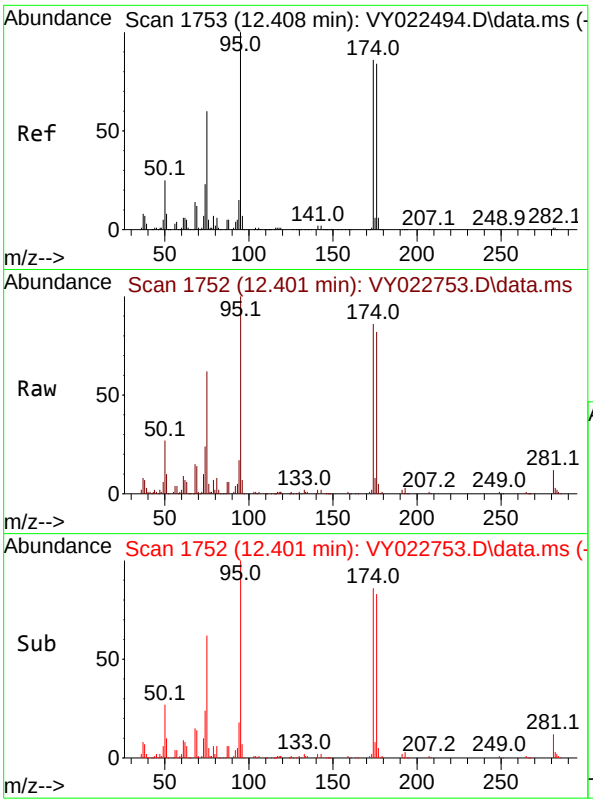
#50
Toluene-d8
Concen: 50.487 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 98 Resp: 202963

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



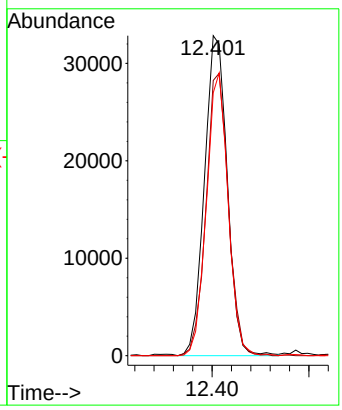
Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

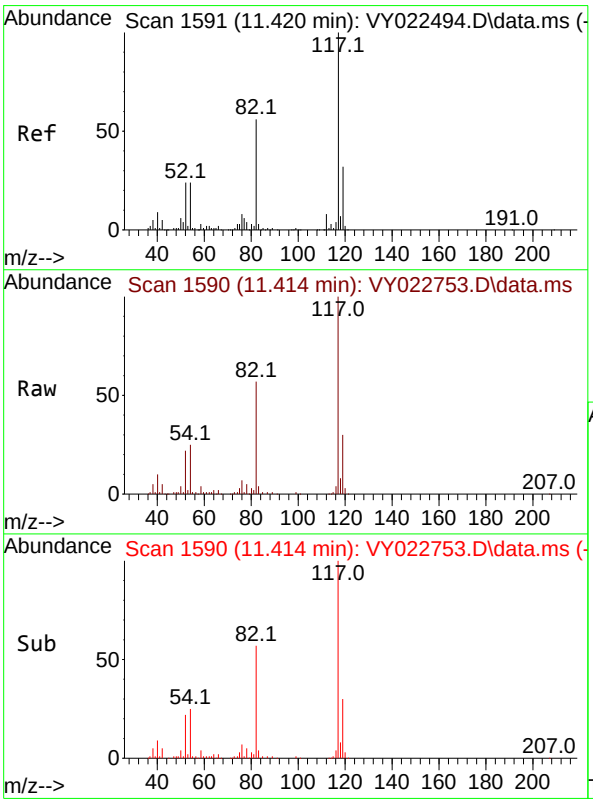


#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 95 Resp: 54005

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	170.0
176	83.5	0.0	166.2

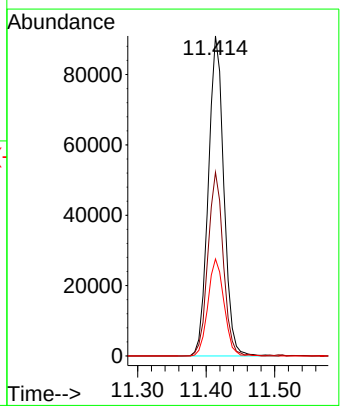




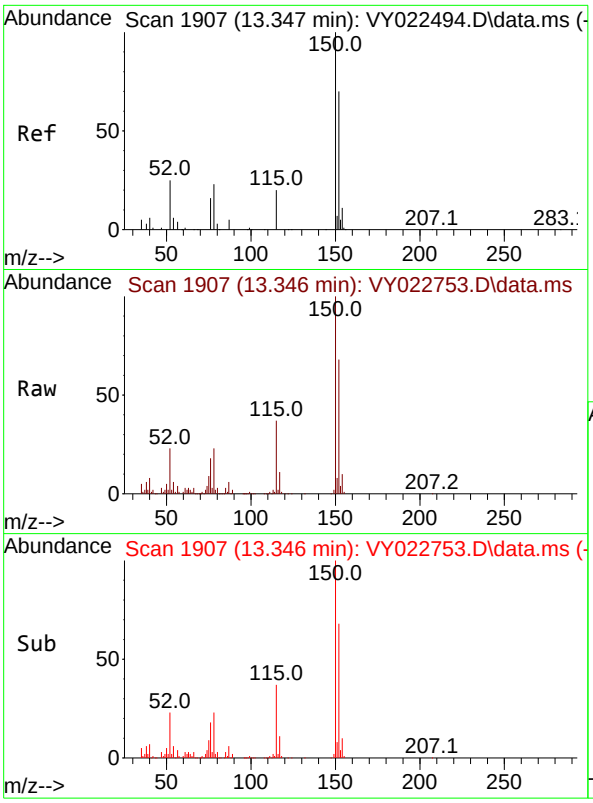
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:117 Resp: 143096

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	30.3	25.4	38.0



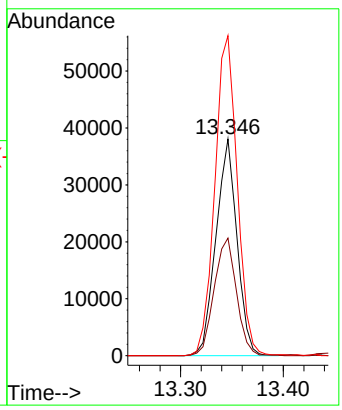
Instrument :
MSVOA_Y
ClientSampleId :
GAV2B



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:152 Resp: 54203

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.9	86.7
150	156.9	0.0	349.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.092	51	61	62	rBV6	6266	15163	2.68%	0.458%
2	2.330	96	100	106	rVB2	7226	12570	2.22%	0.380%
3	3.866	344	352	359	rBV3	3818	9643	1.70%	0.291%
4	4.610	466	474	485	rVB3	5468	16398	2.90%	0.496%
5	7.634	960	970	976	rBV	78297	190430	33.65%	5.756%
6	7.707	976	982	992	rVB	121287	278741	49.25%	8.425%
7	8.061	1032	1040	1055	rBV	76101	174309	30.80%	5.268%
8	8.615	1122	1131	1140	rBV	201673	402510	71.12%	12.166%
9	9.115	1202	1213	1218	rBV8	4059	11892	2.10%	0.359%
10	10.103	1367	1375	1383	rBV	329002	565943	100.00%	17.105%
11	10.444	1424	1431	1437	rVB3	5500	9779	1.73%	0.296%
12	11.011	1519	1524	1530	rVB6	5822	10446	1.85%	0.316%
13	11.218	1552	1558	1567	rVB8	5328	10626	1.88%	0.321%
14	11.414	1582	1590	1601	rBV	299684	477359	84.35%	14.428%
15	11.603	1618	1621	1625	rBV6	3156	6118	1.08%	0.185%
16	11.664	1625	1631	1636	rVB8	4214	10367	1.83%	0.313%
17	11.926	1666	1674	1685	rBV9	6821	22014	3.89%	0.665%
18	12.127	1696	1707	1709	rBV5	5852	15147	2.68%	0.458%
19	12.170	1709	1714	1717	rVB6	4221	7756	1.37%	0.234%
20	12.407	1746	1753	1760	rBV2	217276	379842	67.12%	11.480%
21	12.560	1773	1778	1787	rVB7	7335	16644	2.94%	0.503%
22	12.706	1795	1802	1803	rBV5	12637	25468	4.50%	0.770%
23	12.730	1804	1806	1812	rVB5	18758	28184	4.98%	0.852%
24	12.828	1816	1822	1828	rVV2	101880	172340	30.45%	5.209%
25	12.877	1828	1830	1835	rVB5	7113	8927	1.58%	0.270%
26	12.962	1840	1844	1847	rBV6	3418	5730	1.01%	0.173%
27	13.346	1898	1907	1913	rBV	234094	364707	64.44%	11.023%
28	13.444	1919	1923	1930	rVB3	22644	37000	6.54%	1.118%
29	13.663	1955	1959	1966	rBV5	5096	9390	1.66%	0.284%
30	13.883	1991	1995	2000	rVB2	4274	7451	1.32%	0.225%
31	15.291	2221	2226	2230	rBV	3496	5723	1.01%	0.173%

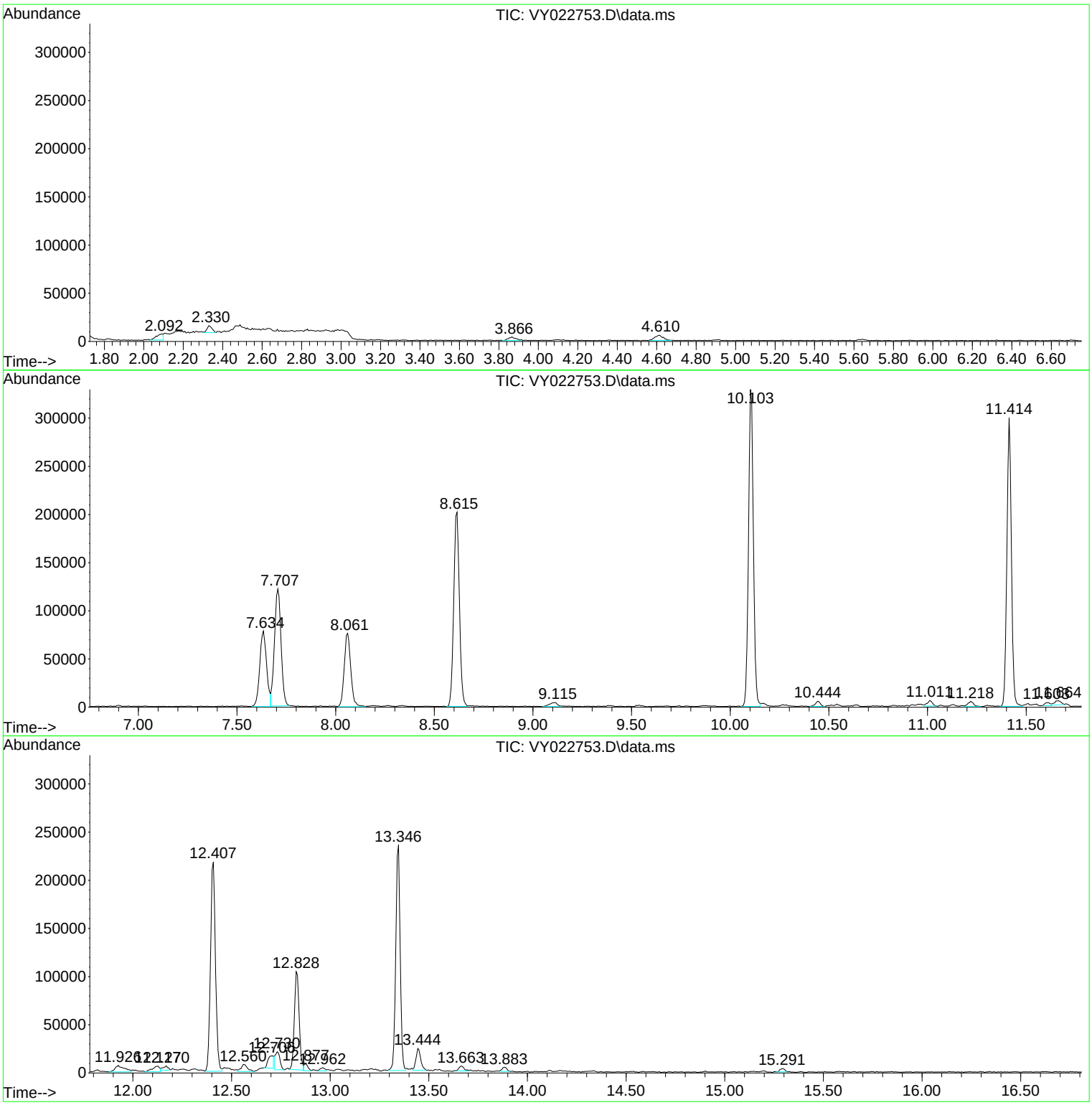
Sum of corrected areas: 3308617

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

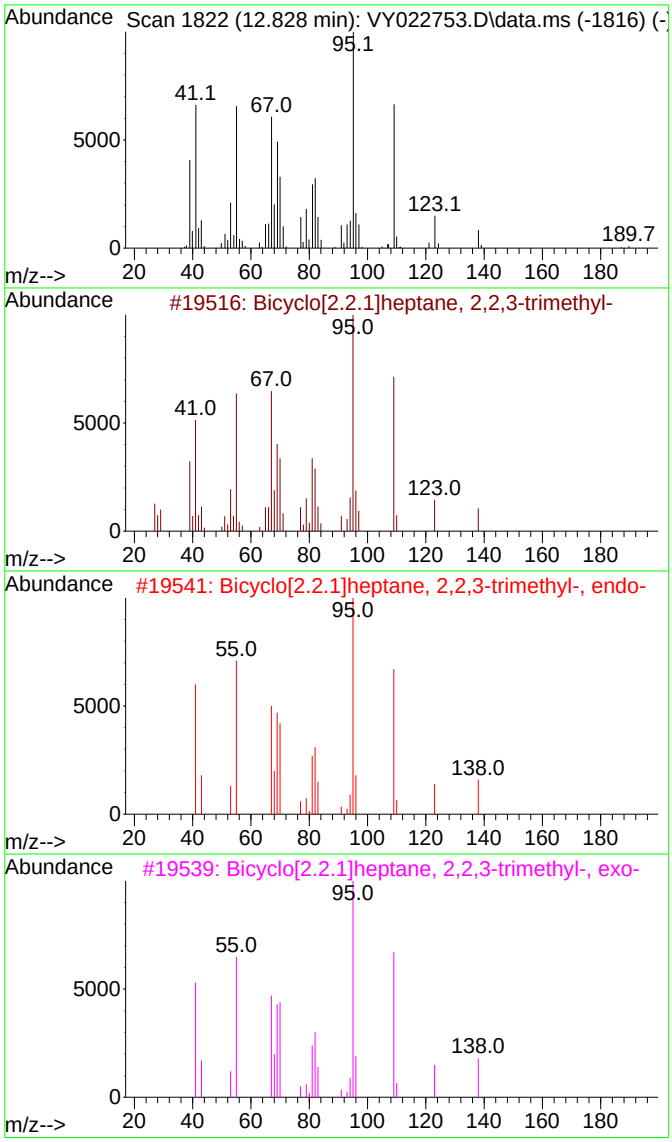
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

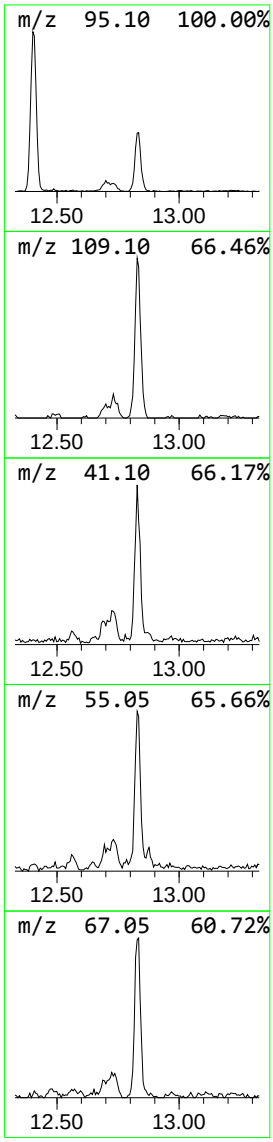
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	23.63 ug/l	172340	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	97
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	94
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	87
4	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	58
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	013828-34-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

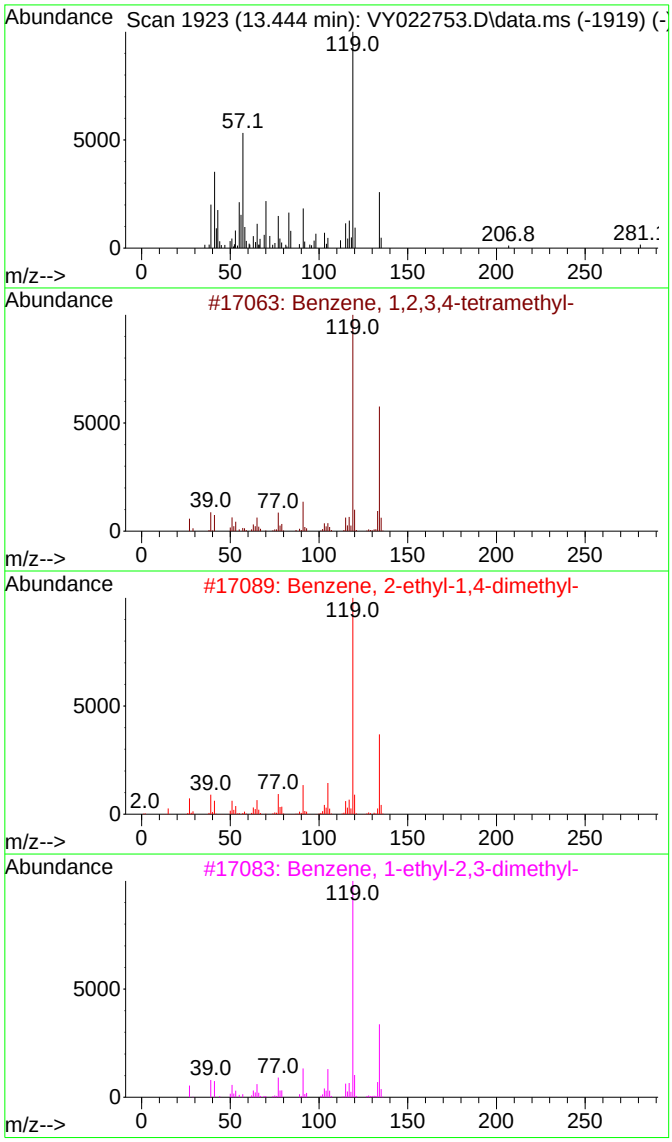
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

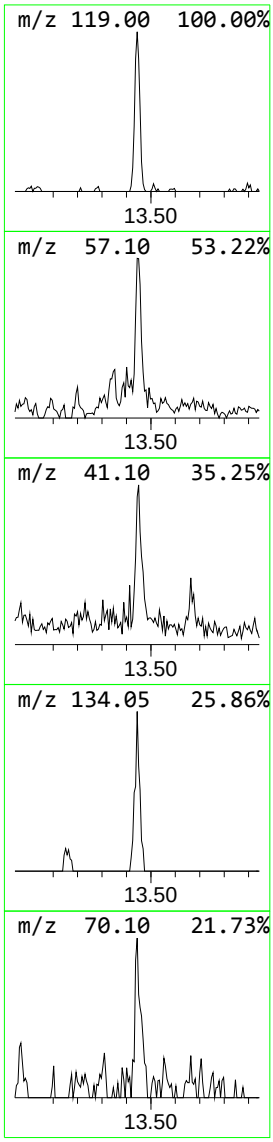
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	5.07 ug/l	37000	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Bicyclo[2.2.1]h...	12.828	23.6	ug/l	172340	4	13.346	364707	50.0
Benzene, 1,2,3,...	13.444	5.1	ug/l	37000	4	13.346	364707	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Time: Jun 20 03:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

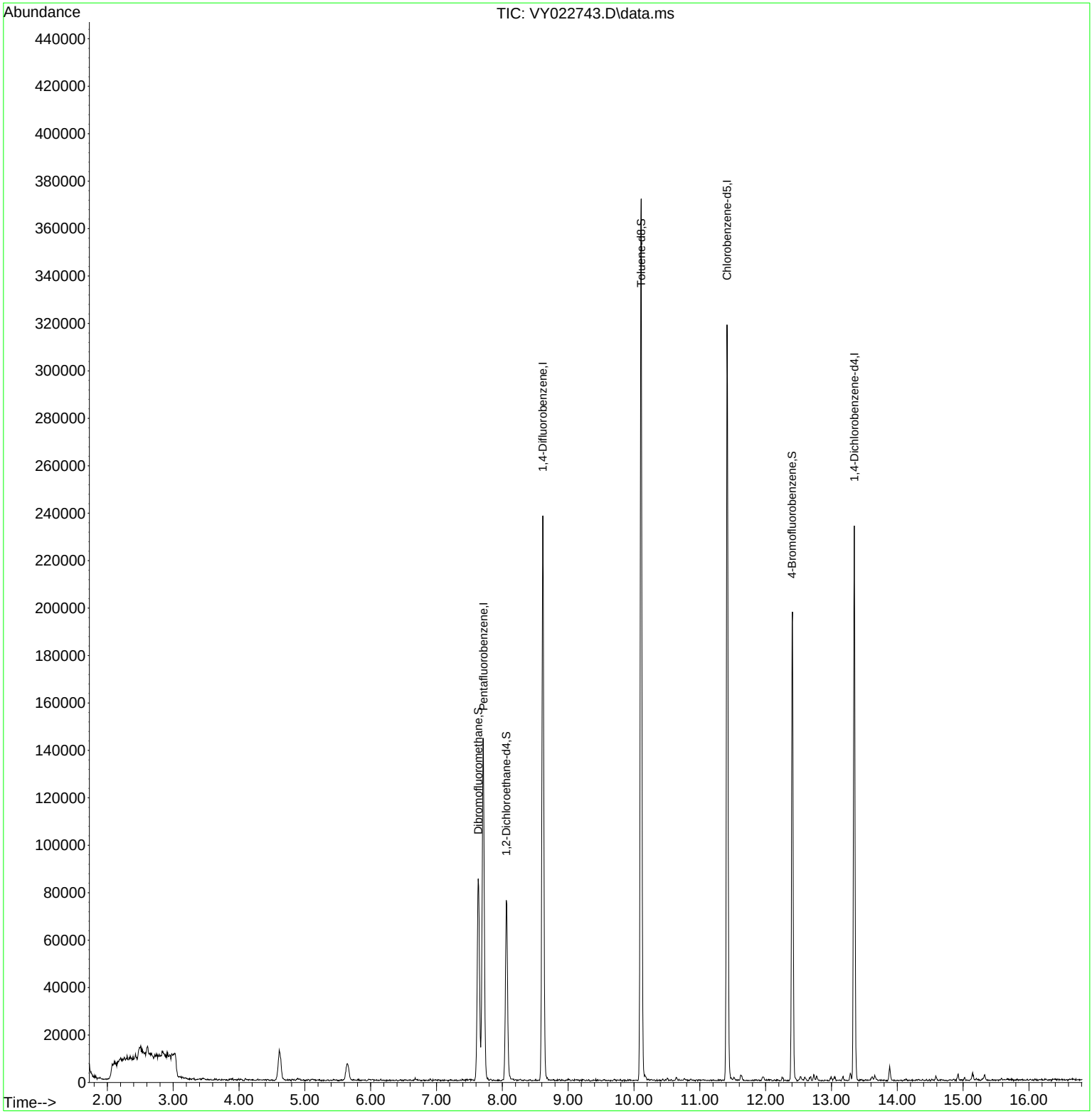
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	102602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	191401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57838	50.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.634	113	58093	50.850	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.700%			
50) Toluene-d8	10.109	98	233273	50.534	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.402	95	55223	40.151	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.300%			
Target Compounds						Qvalue

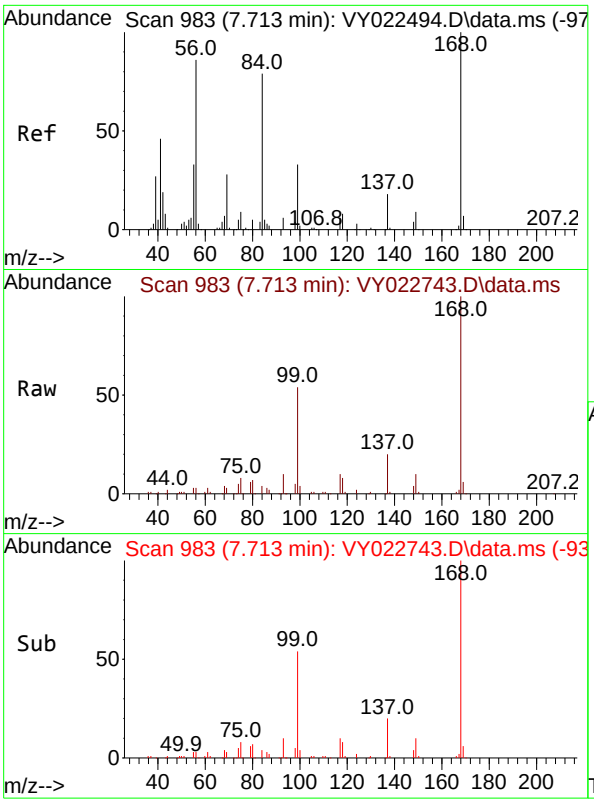
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Time: Jun 20 03:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



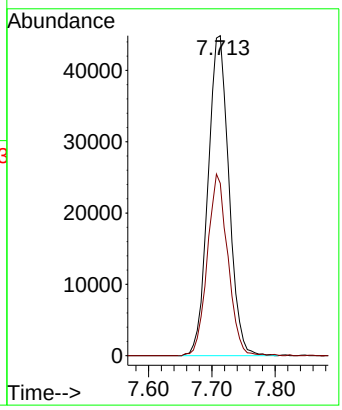


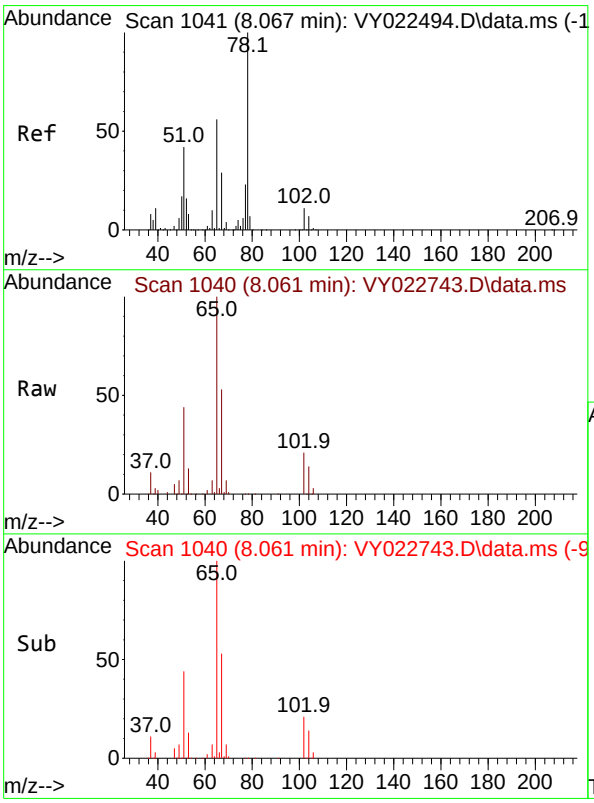
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:168 Resp: 102602

Ion	Ratio	Lower	Upper
168	100		
99	53.9	44.3	66.5

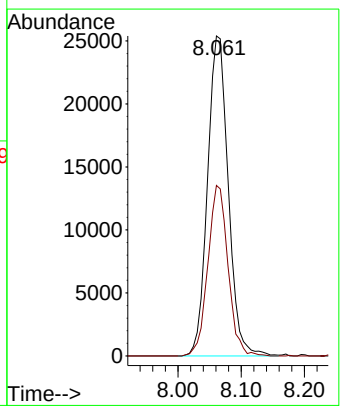


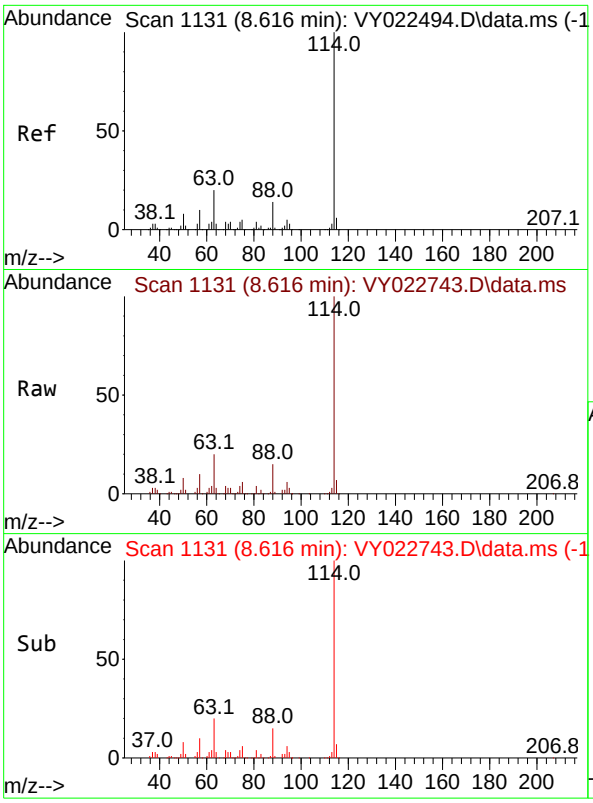


#33
1,2-Dichloroethane-d4
Concen: 50.401 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 65 Resp: 57838

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4



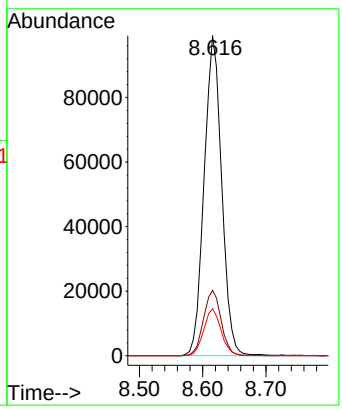


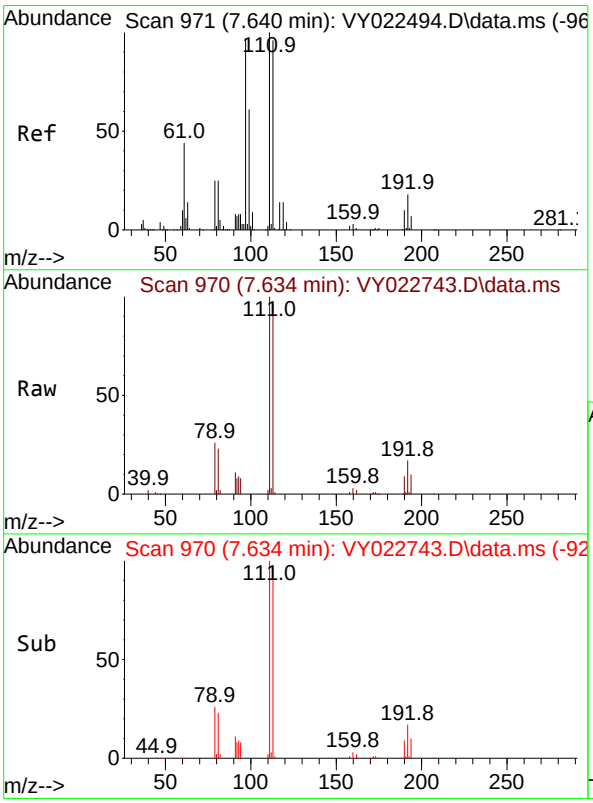
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:114 Resp: 191401

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	14.7	0.0	27.8

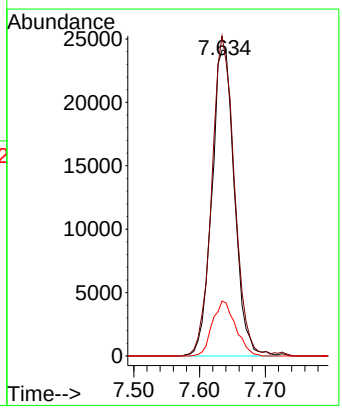


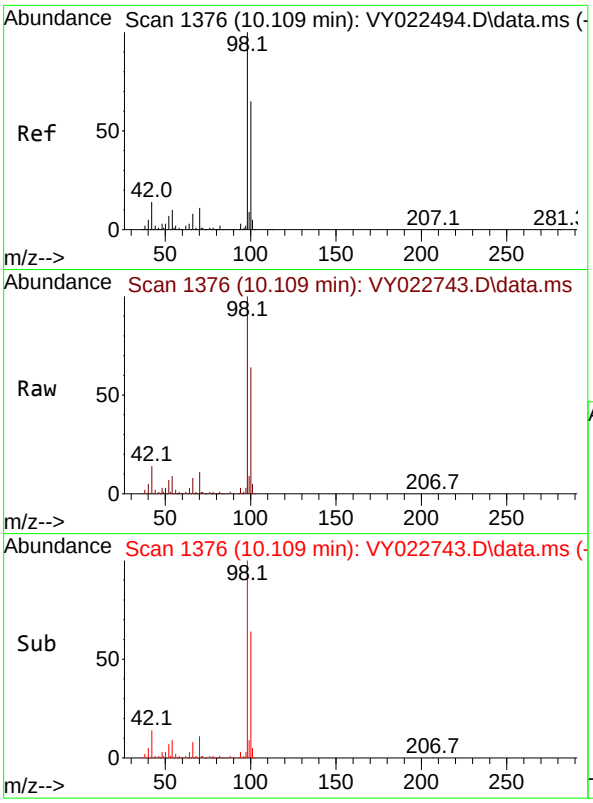


#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion:113 Resp: 58093

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	18.3	14.2	21.2



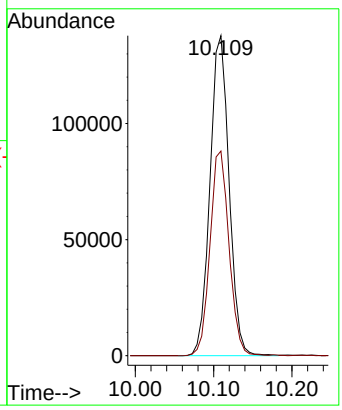


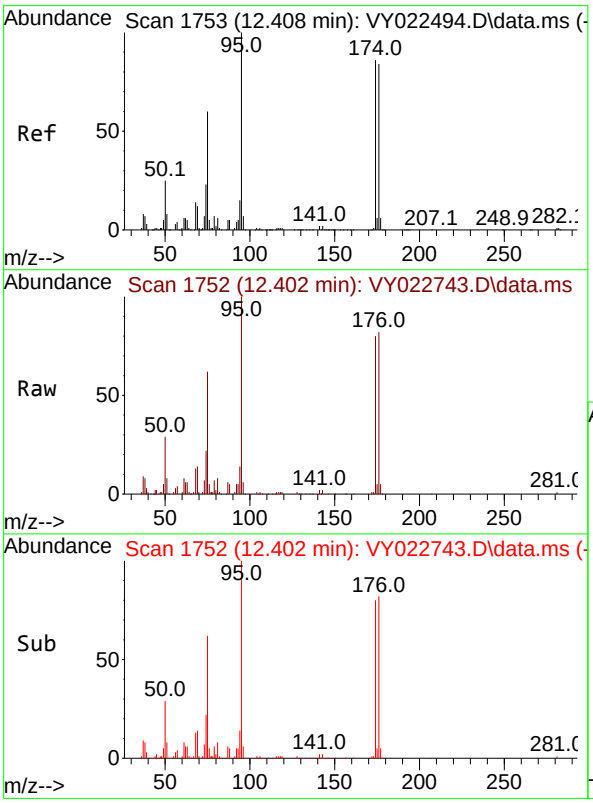
#50
Toluene-d8
Concen: 50.534 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion: 98 Resp: 233273

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0

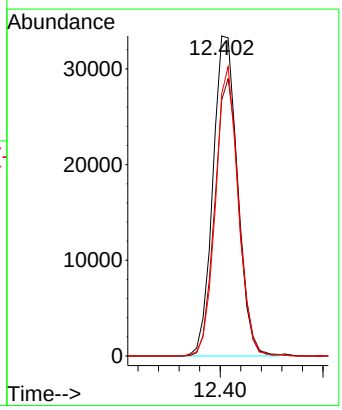


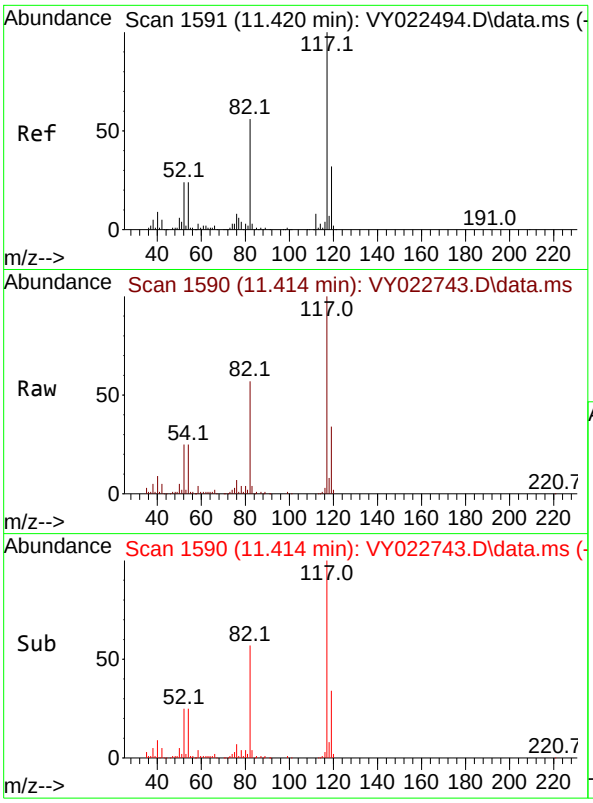


#62
4-Bromofluorobenzene
Concen: 40.151 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 95 Resp: 55223

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	170.0
176	83.8	0.0	166.2



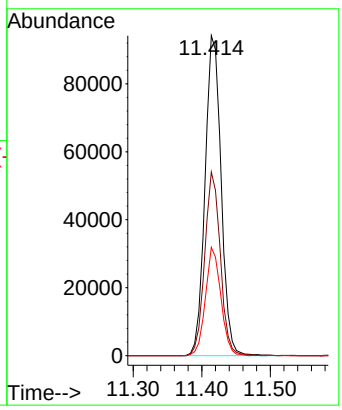


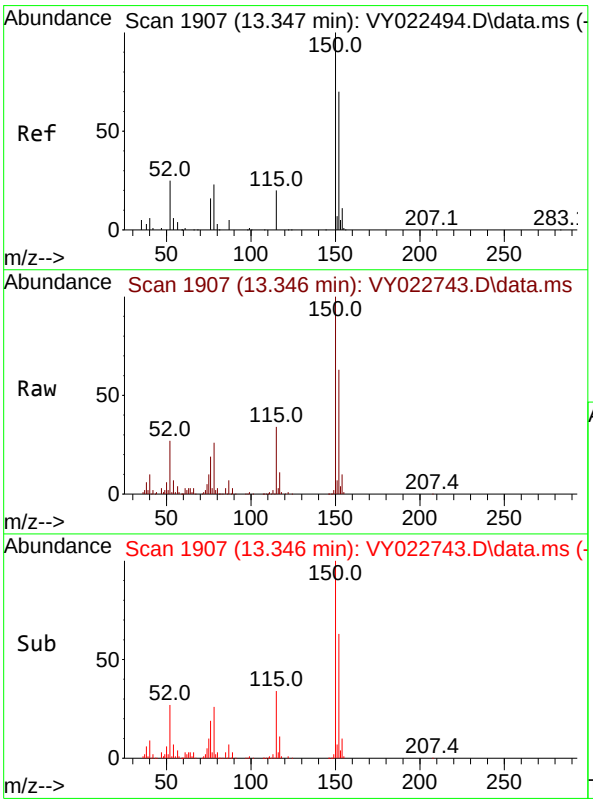
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:117 Resp: 154033

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.9	25.4	38.0

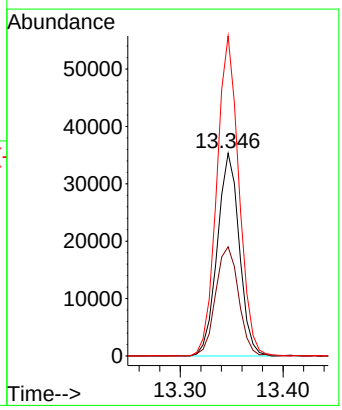




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion:152 Resp: 52432

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.7
150	158.8	0.0	349.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV4	6216	12101	1.90%	0.391%
2	2.489	120	126	127	rBV6	5137	8770	1.38%	0.283%
3	4.610	462	474	487	rBV5	12948	40743	6.39%	1.317%
4	5.647	634	644	655	rVB4	6916	22424	3.52%	0.725%
5	7.634	959	970	976	rBV2	85122	204399	32.05%	6.607%
6	7.707	976	982	993	rVB	143857	322418	50.56%	10.422%
7	8.061	1033	1040	1052	rBV	75693	169702	26.61%	5.485%
8	8.616	1122	1131	1141	rBV	238101	463693	72.72%	14.989%
9	10.109	1368	1376	1384	rBV	371754	637651	100.00%	20.612%
10	11.414	1583	1590	1599	rBV	318614	516983	81.08%	16.711%
11	12.408	1745	1753	1764	rVB	197823	323850	50.79%	10.468%
12	13.346	1900	1907	1919	rVB	234098	361277	56.66%	11.678%
13	13.883	1990	1995	2001	rBV	6198	9640	1.51%	0.312%

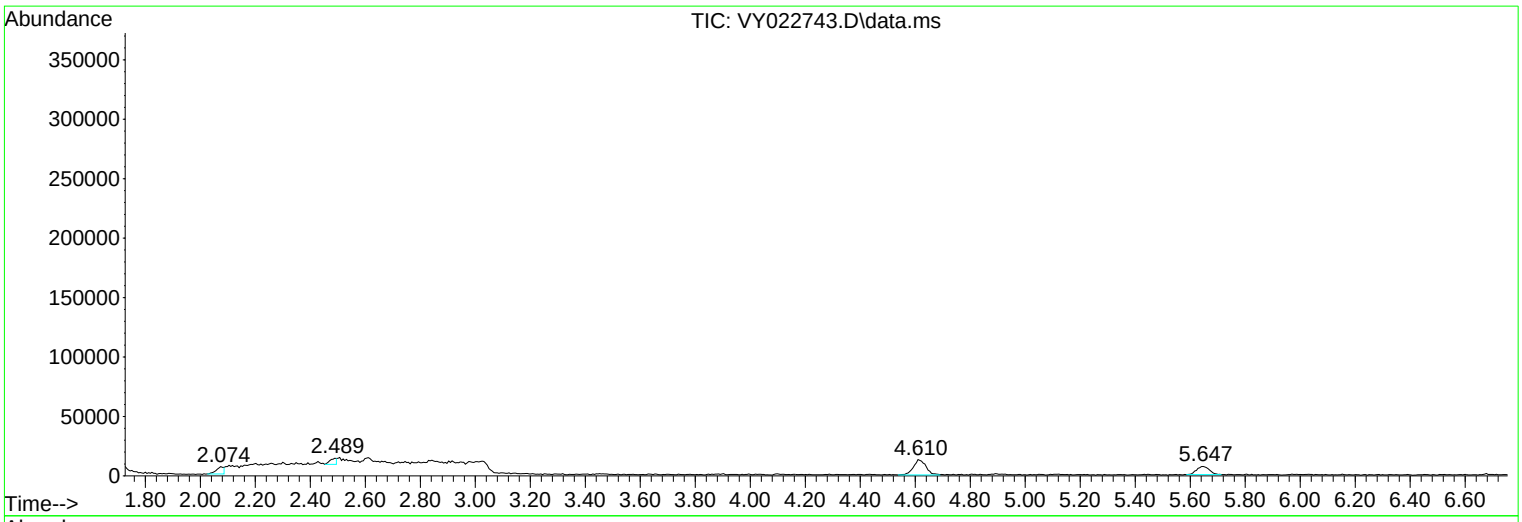
Sum of corrected areas: 3093651

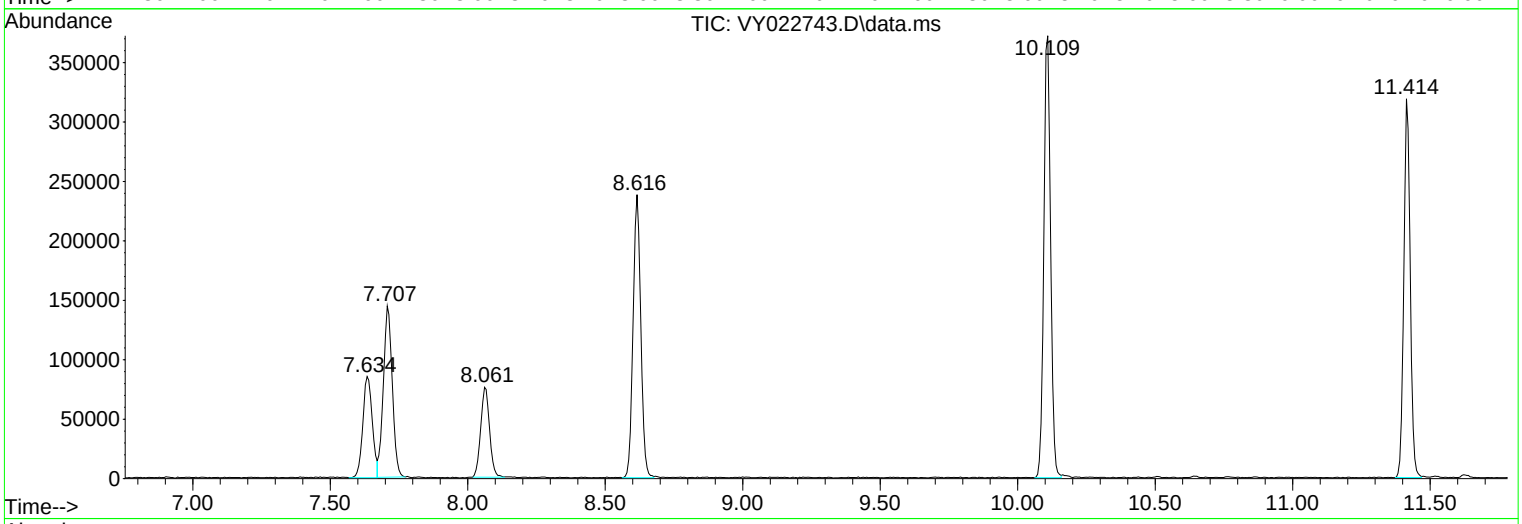
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

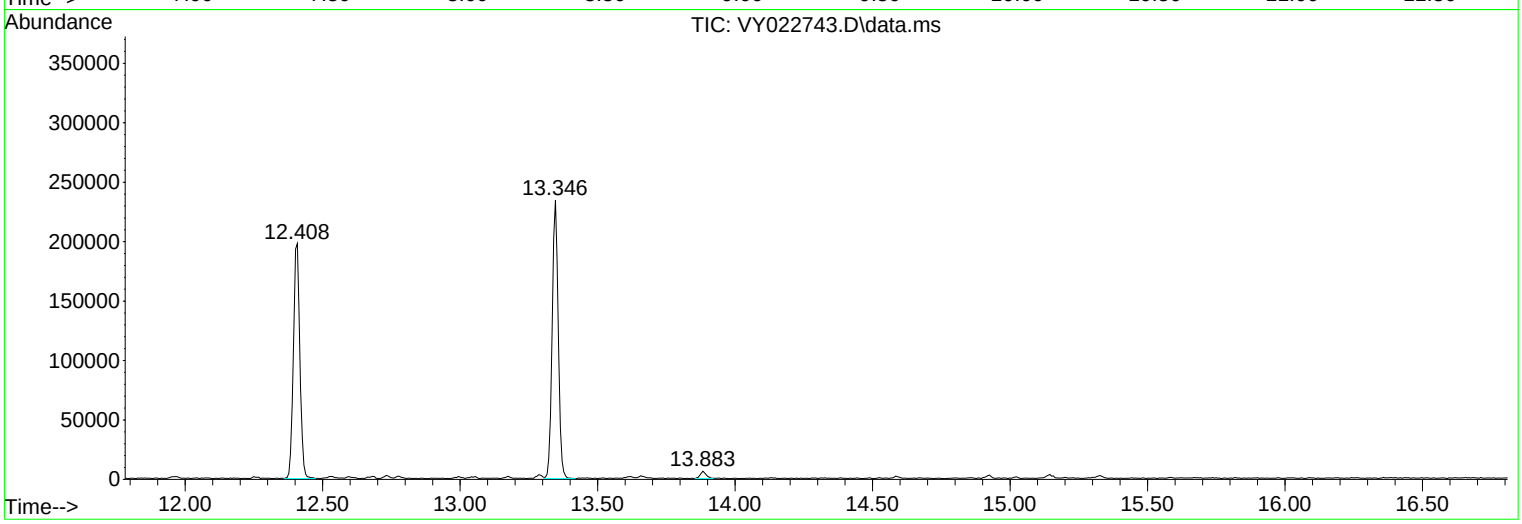
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	142585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	243559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81729	51.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.500%			
35) Dibromofluoromethane	7.634	113	77017	52.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.960%			
50) Toluene-d8	10.109	98	301805	51.379	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.408	95	83870	47.921	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	26125	20.465	ug/l	100
3) Chloromethane	2.068	50	63040	16.716	ug/l	100
4) Vinyl Chloride	2.208	62	86717	19.821	ug/l	97
5) Bromomethane	2.592	94	84774	20.217	ug/l	99
6) Chloroethane	2.733	64	63781	21.240	ug/l	93
7) Trichlorofluoromethane	3.050	101	80267	21.612	ug/l	98
8) Diethyl Ether	3.458	74	17536	20.966	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	33924	21.687	ug/l	98
10) Methyl Iodide	4.007	142	32362	19.117	ug/l	98
11) Tert butyl alcohol	4.866	59	10545	92.580	ug/l	96
12) 1,1-Dichloroethene	3.787	96	31585	21.124	ug/l	96
13) Acrolein	3.653	56	7982	56.231	ug/l	97
14) Allyl chloride	4.379	41	47569	20.265	ug/l	99
15) Acrylonitrile	5.061	53	35424	100.001	ug/l	98
16) Acetone	3.879	43	44832	138.427	ug/l	98
17) Carbon Disulfide	4.104	76	94900	19.824	ug/l	100
18) Methyl Acetate	4.379	43	16705	17.418	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	82167	19.510	ug/l	97
20) Methylene Chloride	4.616	84	37910	20.607	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	35265	21.073	ug/l	98
22) Diisopropyl ether	6.025	45	109315	20.922	ug/l	99
23) Vinyl Acetate	5.964	43	299235	96.762	ug/l	100
24) 1,1-Dichloroethane	5.921	63	67905	22.061	ug/l	100
25) 2-Butanone	6.896	43	54465	116.587	ug/l	100
26) 2,2-Dichloropropane	6.884	77	59073	21.721	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	41038	21.216	ug/l	95
28) Bromochloromethane	7.244	49	29171	21.741	ug/l	98
29) Tetrahydrofuran	7.262	42	26781	88.884	ug/l	97
30) Chloroform	7.421	83	68158	22.356	ug/l	93
31) Cyclohexane	7.707	56	59110	19.289	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	59403	21.949	ug/l	99
36) 1,1-Dichloropropene	7.835	75	50191	21.272	ug/l	98
37) Ethyl Acetate	6.988	43	20815	19.782	ug/l	97
38) Carbon Tetrachloride	7.823	117	50646	20.924	ug/l	98
39) Methylcyclohexane	9.109	83	61074	19.262	ug/l	98
40) Benzene	8.085	78	149138	21.401	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	9524	15.496	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	39323	20.666	ug/l		99
43) Isopropyl Acetate	8.201	43	42050	18.504	ug/l		99
44) Trichloroethene	8.866	130	36919	21.676	ug/l		96
45) 1,2-Dichloropropane	9.140	63	36490	22.156	ug/l		94
46) Dibromomethane	9.231	93	19341	20.874	ug/l		98
47) Bromodichloromethane	9.427	83	51094	21.747	ug/l		99
48) Methyl methacrylate	9.219	41	17850	16.737	ug/l		94
49) 1,4-Dioxane	9.238	88	4378	398.833	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	103086	90.987	ug/l		98
52) Toluene	10.170	92	92504	21.122	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	42958	19.515	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	53391	20.836	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	25058	21.209	ug/l		94
56) Ethyl methacrylate	10.439	69	31765	18.602	ug/l		99
57) 1,3-Dichloropropane	10.719	76	43297	20.676	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	78333	101.035	ug/l		100
59) 2-Hexanone	10.762	43	74693	98.575	ug/l		97
60) Dibromochloromethane	10.914	129	31411	20.920	ug/l		94
61) 1,2-Dibromoethane	11.012	107	21829	20.271	ug/l		95
64) Tetrachloroethene	10.646	164	38972	22.227	ug/l		96
65) Chlorobenzene	11.444	112	94016	20.844	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	32282	21.246	ug/l		99
67) Ethyl Benzene	11.518	91	172504	20.620	ug/l		99
68) m/p-Xylenes	11.627	106	128433	40.497	ug/l		99
69) o-Xylene	11.957	106	60376	20.305	ug/l		98
70) Styrene	11.969	104	99066	20.156	ug/l		98
71) Bromoform	12.133	173	15438	19.093	ug/l	#	98
73) Isopropylbenzene	12.255	105	156699	20.715	ug/l		98
74) N-amyl acetate	12.072	43	34200	17.918	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	25611	20.628	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	19200m	18.215	ug/l		
77) Bromobenzene	12.536	156	33522	21.000	ug/l		99
78) n-propylbenzene	12.597	91	193141	20.904	ug/l		100
79) 2-Chlorotoluene	12.682	91	102546	20.941	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	124242	20.920	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	8380	19.198	ug/l		95
82) 4-Chlorotoluene	12.780	91	103617	20.512	ug/l		99
83) tert-Butylbenzene	12.999	119	110702	20.769	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	122046	20.547	ug/l		98
85) sec-Butylbenzene	13.176	105	170732	20.914	ug/l		99
86) p-Isopropyltoluene	13.292	119	135968	20.206	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	67629	20.910	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	66707	21.265	ug/l		99
89) n-Butylbenzene	13.615	91	131483	20.595	ug/l		100
90) Hexachloroethane	13.877	117	27782	21.207	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	56747	20.665	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3553	19.656	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	30569	20.411	ug/l		96
94) Hexachlorobutadiene	15.023	225	17103	20.691	ug/l		95
95) Naphthalene	15.145	128	51859	18.044	ug/l		98
96) 1,2,3-Trichlorobenzene	15.328	180	25018	19.492	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

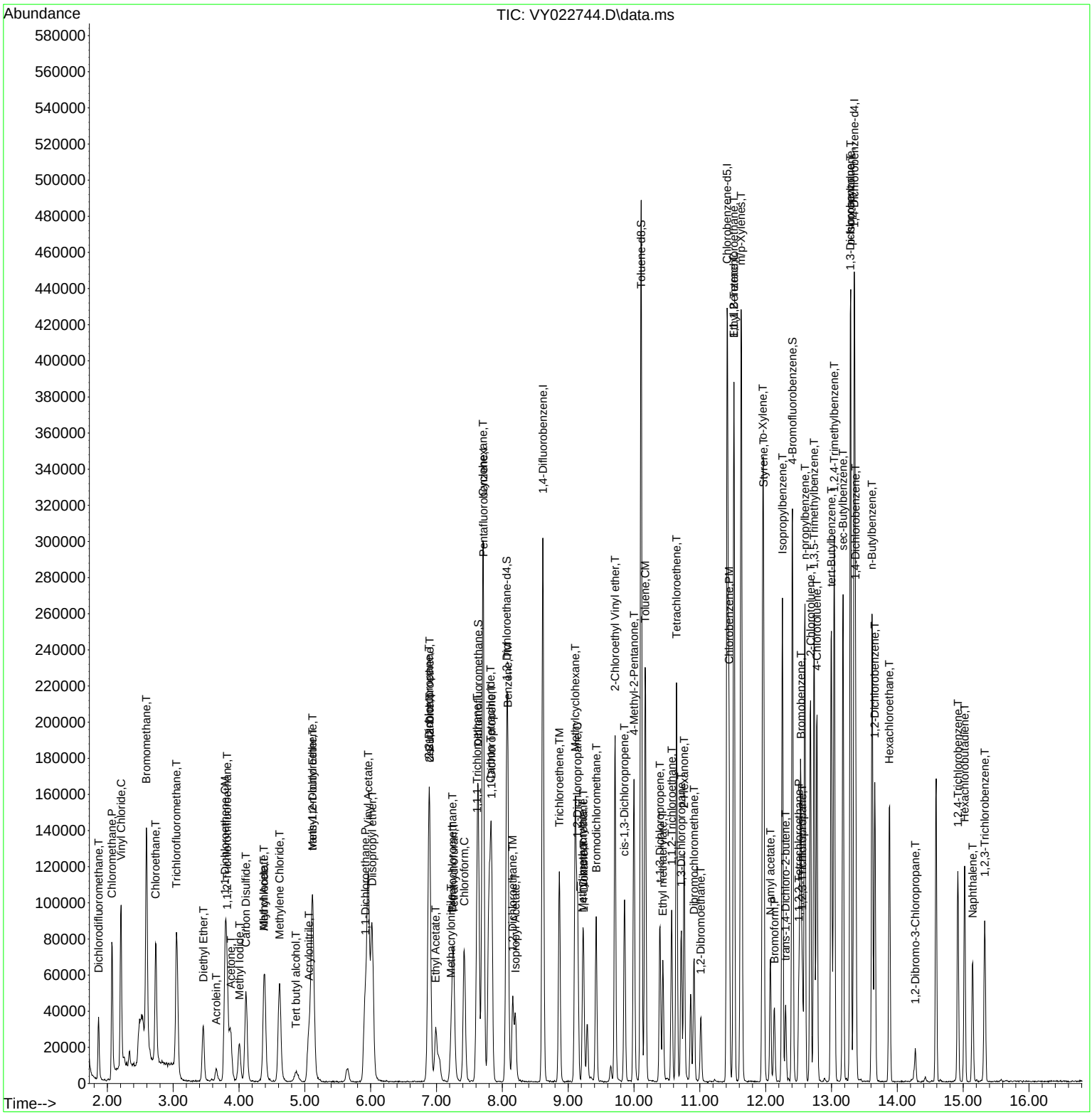
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	135425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83987	55.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.900%			
35) Dibromofluoromethane	7.640	113	73993	53.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.103	98	297322	53.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.401	95	85284	51.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	26096	21.523	ug/l	95
3) Chloromethane	2.068	50	65019	18.152	ug/l	98
4) Vinyl Chloride	2.202	62	88253	21.239	ug/l	98
5) Bromomethane	2.592	94	83337	20.925	ug/l	91
6) Chloroethane	2.732	64	65358	22.916	ug/l	96
7) Trichlorofluoromethane	3.050	101	83499	23.670	ug/l	99
8) Diethyl Ether	3.452	74	17678	22.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	34081	22.939	ug/l	99
10) Methyl Iodide	4.001	142	32515	20.223	ug/l	97
11) Tert butyl alcohol	4.860	59	12104	111.886	ug/l	96
12) 1,1-Dichloroethene	3.787	96	30544	21.508	ug/l	98
13) Acrolein	3.653	56	8808	65.331	ug/l	98
14) Allyl chloride	4.379	41	47032	21.096	ug/l	98
15) Acrylonitrile	5.061	53	38910	115.649	ug/l	98
16) Acetone	3.866	43	47919	155.781	ug/l	98
17) Carbon Disulfide	4.104	76	92467	20.337	ug/l	96
18) Methyl Acetate	4.391	43	19939	21.889	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	87026	21.756	ug/l	96
20) Methylene Chloride	4.610	84	38557	22.067	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	35720	22.473	ug/l	91
22) Diisopropyl ether	6.018	45	109899	22.146	ug/l	98
23) Vinyl Acetate	5.964	43	320488	109.114	ug/l	98
24) 1,1-Dichloroethane	5.915	63	69556	23.792	ug/l	98
25) 2-Butanone	6.890	43	59102	133.202	ug/l	100
26) 2,2-Dichloropropane	6.878	77	57336	22.197	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	40864	22.243	ug/l	96
28) Bromochloromethane	7.244	49	28957	22.722	ug/l	96
29) Tetrahydrofuran	7.268	42	31900	111.471	ug/l	99
30) Chloroform	7.421	83	66956	23.123	ug/l	95
31) Cyclohexane	7.701	56	59613	20.482	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	57994	22.561	ug/l	97
36) 1,1-Dichloropropene	7.835	75	48032	21.512	ug/l	99
37) Ethyl Acetate	6.982	43	24241	24.345	ug/l #	78
38) Carbon Tetrachloride	7.817	117	49727	21.709	ug/l	94
39) Methylcyclohexane	9.109	83	59995	19.994	ug/l	99
40) Benzene	8.079	78	148616	22.535	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	11179	19.221	ug/l	#	67
42) 1,2-Dichloroethane	8.158	62	41080	22.813	ug/l		100
43) Isopropyl Acetate	8.201	43	46062	21.419	ug/l	#	86
44) Trichloroethene	8.866	130	36262	22.498	ug/l		91
45) 1,2-Dichloropropane	9.140	63	36412	23.362	ug/l		99
46) Dibromomethane	9.231	93	19946	22.747	ug/l		97
47) Bromodichloromethane	9.420	83	50934	22.909	ug/l		98
48) Methyl methacrylate	9.219	41	20272	20.085	ug/l		90
49) 1,4-Dioxane	9.231	88	4577	440.604	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	120225	112.131	ug/l		98
52) Toluene	10.170	92	90080	21.735	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	45852	22.010	ug/l		93
54) cis-1,3-Dichloropropene	9.853	75	54401	22.433	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	26082	23.327	ug/l		97
56) Ethyl methacrylate	10.438	69	33531	20.749	ug/l		96
57) 1,3-Dichloropropane	10.713	76	45759	23.091	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	85409	116.408	ug/l		100
59) 2-Hexanone	10.762	43	85093	118.668	ug/l		99
60) Dibromochloromethane	10.914	129	31860	22.422	ug/l		100
61) 1,2-Dibromoethane	11.011	107	22860	22.432	ug/l		99
64) Tetrachloroethene	10.646	164	43094	25.552	ug/l		97
65) Chlorobenzene	11.438	112	96594	22.264	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	31846	21.789	ug/l		98
67) Ethyl Benzene	11.517	91	169161	21.021	ug/l		99
68) m/p-Xylenes	11.627	106	127883	41.921	ug/l		99
69) o-Xylene	11.950	106	59766	20.896	ug/l		99
70) Styrene	11.969	104	100236	21.202	ug/l		98
71) Bromoform	12.127	173	17537	22.548	ug/l	#	97
73) Isopropylbenzene	12.255	105	156255	21.104	ug/l		99
74) N-amyl acetate	12.066	43	39501	21.144	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	26508	21.813	ug/l		98
76) 1,2,3-Trichloropropane	12.548	75	20149m	19.529	ug/l		
77) Bromobenzene	12.530	156	33851	21.665	ug/l		97
78) n-propylbenzene	12.590	91	193686	21.417	ug/l		100
79) 2-Chlorotoluene	12.676	91	105023	21.912	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	124094	21.348	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	8732	20.438	ug/l		96
82) 4-Chlorotoluene	12.773	91	105245	21.285	ug/l		99
83) tert-Butylbenzene	12.993	119	110529	21.185	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	121217	20.849	ug/l		99
85) sec-Butylbenzene	13.170	105	169468	21.209	ug/l		100
86) p-Isopropyltoluene	13.292	119	136555	20.733	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	68812	21.737	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	68515	22.314	ug/l		99
89) n-Butylbenzene	13.615	91	130440	20.874	ug/l		99
90) Hexachloroethane	13.877	117	28758	22.428	ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	59871	22.275	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4327	24.456	ug/l		93
93) 1,2,4-Trichlorobenzene	14.919	180	31089	21.208	ug/l		98
94) Hexachlorobutadiene	15.023	225	17487	21.613	ug/l		99
95) Naphthalene	15.139	128	59033	20.985	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	28183	22.433	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

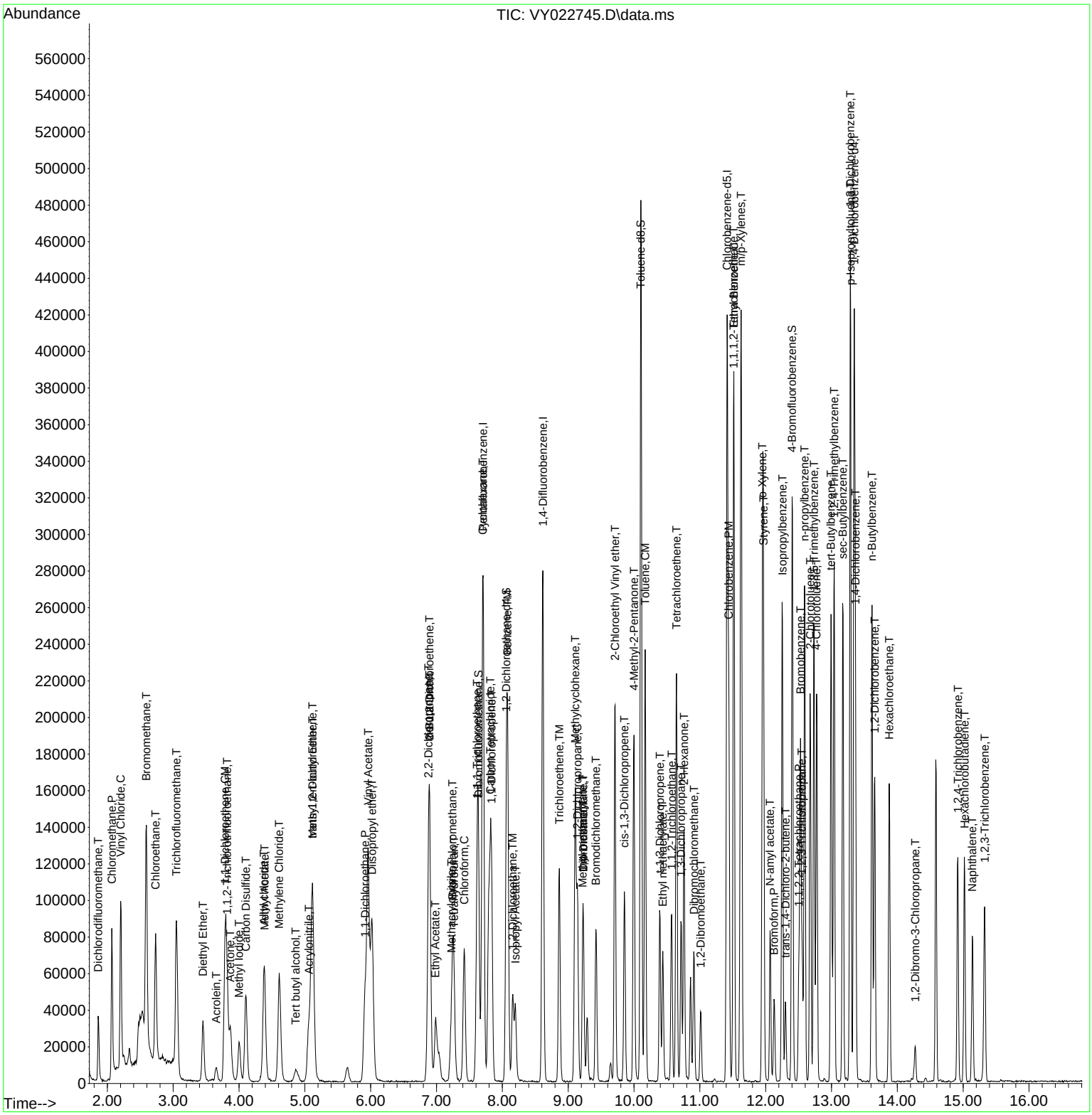
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022491.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	1,4-Dioxane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	Ethyl Acetate	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Dibromomethane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Methacrylonitrile	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC020	VY022493.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:00 AM	MMDadoda	6/3/2025 2:38:17 PM	Peak Integrated by Software
VSTDICCC050	VY022494.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:05 AM	MMDadoda	6/3/2025 2:38:19 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	Methacrylonitrile	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC150	VY022496.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:09 AM	MMDadoda	6/3/2025 2:38:22 PM	Peak Integrated by Software
VSTDICV050	VY022498.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:42 AM	MMDadoda	6/3/2025 2:38:25 PM	Peak Integrated by Software
VSTDCCC050	VY022509.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:27:00 AM	MMDadoda	6/3/2025 2:38:29 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vy061925	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022742.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:30 AM	MMdadoda	6/21/2025 12:19:48 AM	Peak Integrated by Software
VY0619SBS01	VY022744.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:34 AM	MMdadoda	6/21/2025 12:19:52 AM	Peak Integrated by Software
VY0619SBSD01	VY022745.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:39 AM	MMdadoda	6/21/2025 12:20:00 AM	Peak Integrated by Software
VSTDCCC050	VY022757.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:43 AM	MMdadoda	6/21/2025 12:20:06 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022488.D	02 Jun 2025 08:31	SY/MD	Ok
2	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	SY/MD	Not Ok
3	VY0602SBL01	VY022490.D	02 Jun 2025 10:38	SY/MD	Not Ok
4	VSTDICC005	VY022491.D	02 Jun 2025 11:46	SY/MD	Ok,M
5	VSTDICC010	VY022492.D	02 Jun 2025 12:09	SY/MD	Ok,M
6	VSTDICC020	VY022493.D	02 Jun 2025 12:32	SY/MD	Ok,M
7	VSTDICCC050	VY022494.D	02 Jun 2025 12:54	SY/MD	Ok,M
8	VSTDICC100	VY022495.D	02 Jun 2025 13:17	SY/MD	Ok,M
9	VSTDICC150	VY022496.D	02 Jun 2025 13:39	SY/MD	Ok,M
10	VIBLK	VY022497.D	02 Jun 2025 14:03	SY/MD	Ok
11	VSTDICV050	VY022498.D	02 Jun 2025 14:59	SY/MD	Ok,M
12	VY0602SBL02	VY022499.D	02 Jun 2025 16:00	SY/MD	Ok
13	VY0602SBS01	VY022500.D	02 Jun 2025 16:24	SY/MD	Ok,M
14	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47	SY/MD	Ok,M
15	Q2160-02	VY022502.D	02 Jun 2025 17:10	SY/MD	Ok
16	Q2152-01	VY022503.D	02 Jun 2025 17:34	SY/MD	Not Ok
17	Q2153-01RE	VY022504.D	02 Jun 2025 17:57	SY/MD	Confirms
18	Q2147-02	VY022505.D	02 Jun 2025 18:21	SY/MD	Not Ok
19	Q2150-02	VY022506.D	02 Jun 2025 18:44	SY/MD	Ok
20	Q2150-05RE	VY022507.D	02 Jun 2025 19:08	SY/MD	Confirms
21	Q2161-01	VY022508.D	02 Jun 2025 19:31	SY/MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY022509.D	02 Jun 2025 19:54	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061925

Review By	Semsettin Yesilyurt	Review On	6/21/2025 12:09:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:20:20 AM				
SubDirectory	VY061925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134418
Initial Calibration Stds	
CCC	VP134419,VP134420
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022741.D	19 Jun 2025 08:38	SY/MD	Ok
2	VSTDCCC050	VY022742.D	19 Jun 2025 09:10	SY/MD	Ok,M
3	VY0619SBL01	VY022743.D	19 Jun 2025 09:48	SY/MD	Ok
4	VY0619SBS01	VY022744.D	19 Jun 2025 10:26	SY/MD	Ok,M
5	VY0619SBSD01	VY022745.D	19 Jun 2025 10:49	SY/MD	Ok,M
6	Q2358-01	VY022746.D	19 Jun 2025 11:28	SY/MD	Ok
7	Q2357-01RE	VY022747.D	19 Jun 2025 11:51	SY/MD	Confirms
8	Q2296-23	VY022748.D	19 Jun 2025 12:14	SY/MD	Ok
9	VIBLK	VY022749.D	19 Jun 2025 12:38	SY/MD	Ok
10	Q2362-03	VY022750.D	19 Jun 2025 13:01	SY/MD	Ok
11	Q2362-07	VY022751.D	19 Jun 2025 13:25	SY/MD	Ok
12	Q2364-02	VY022752.D	19 Jun 2025 13:48	SY/MD	Ok
13	Q2364-04	VY022753.D	19 Jun 2025 14:11	SY/MD	Ok
14	Q2367-03	VY022754.D	19 Jun 2025 14:49	SY/MD	Ok
15	Q2367-07	VY022755.D	19 Jun 2025 15:12	SY/MD	Ok
16	VIBLK	VY022756.D	19 Jun 2025 15:36	SY/MD	Ok
17	VSTDCCC050	VY022757.D	19 Jun 2025 15:59	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022488.D	02 Jun 2025 08:31		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	Need ICAL	SY/MD	Not Ok
3	VY0602SBL01	VY0602SBL01	VY022490.D	02 Jun 2025 10:38		SY/MD	Not Ok
4	VSTDICC005	VSTDICC005	VY022491.D	02 Jun 2025 11:46		SY/MD	Ok,M
5	VSTDICC010	VSTDICC010	VY022492.D	02 Jun 2025 12:09		SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VY022493.D	02 Jun 2025 12:32		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VY022494.D	02 Jun 2025 12:54		SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VY022495.D	02 Jun 2025 13:17		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VY022496.D	02 Jun 2025 13:39		SY/MD	Ok,M
10	VIBLK	VIBLK	VY022497.D	02 Jun 2025 14:03		SY/MD	Ok
11	VSTDICV050	ICVVY060225	VY022498.D	02 Jun 2025 14:59	Icv Fail For DOD For Com.# 18	SY/MD	Ok,M
12	VY0602SBL02	VY0602SBL02	VY022499.D	02 Jun 2025 16:00		SY/MD	Ok
13	VY0602SBS01	VY0602SBS01	VY022500.D	02 Jun 2025 16:24		SY/MD	Ok,M
14	VY0602SBSD01	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47		SY/MD	Ok,M
15	Q2160-02	TP04-MHG-VOC	VY022502.D	02 Jun 2025 17:10	vial A	SY/MD	Ok
16	Q2152-01	OK-02-05292025	VY022503.D	02 Jun 2025 17:34	Not Purged,vial B	SY/MD	Not Ok
17	Q2153-01RE	TR-04-0592025RE	VY022504.D	02 Jun 2025 17:57	Surrogate Fail;Internal Standard Fail, vial B	SY/MD	Confirms

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2147-02	VOC	VY022505.D	02 Jun 2025 18:21	Not purge,vial B	SY/MD	Not Ok
19	Q2150-02	TP-42	VY022506.D	02 Jun 2025 18:44	vial B	SY/MD	Ok
20	Q2150-05RE	TP-47RE	VY022507.D	02 Jun 2025 19:08	Internal Standard Fail,vial B	SY/MD	Confirms
21	Q2161-01	B27-SOIL-SAMPLE	VY022508.D	02 Jun 2025 19:31	vial-B,Internal Standard Fail; Surrogate Fail	SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY022509.D	02 Jun 2025 19:54		SY/MD	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061925

Review By	Semsettin Yesilyurt	Review On	6/21/2025 12:09:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:20:20 AM		
SubDirectory	VY061925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134418
Initial Calibration Stds	
CCC	VP134419,VP134420
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022741.D	19 Jun 2025 08:38		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022742.D	19 Jun 2025 09:10		SY/MD	Ok,M
3	VY0619SBL01	VY0619SBL01	VY022743.D	19 Jun 2025 09:48		SY/MD	Ok
4	VY0619SBS01	VY0619SBS01	VY022744.D	19 Jun 2025 10:26		SY/MD	Ok,M
5	VY0619SBSD01	VY0619SBSD01	VY022745.D	19 Jun 2025 10:49		SY/MD	Ok,M
6	Q2358-01	NB-07-06182025	VY022746.D	19 Jun 2025 11:28	vial-B Internal standard fail;Surrogate fail	SY/MD	Ok
7	Q2357-01RE	TR-06-06182025RE	VY022747.D	19 Jun 2025 11:51	vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms
8	Q2296-23	WC-6-VOC	VY022748.D	19 Jun 2025 12:14	vial-A	SY/MD	Ok
9	VIBLK	VIBLK	VY022749.D	19 Jun 2025 12:38		SY/MD	Ok
10	Q2362-03	TP-11-VOC	VY022750.D	19 Jun 2025 13:01	vial-A	SY/MD	Ok
11	Q2362-07	EP-6-VOC	VY022751.D	19 Jun 2025 13:25	vial-A	SY/MD	Ok
12	Q2364-02	GAV1B	VY022752.D	19 Jun 2025 13:48	vial-A	SY/MD	Ok
13	Q2364-04	GAV2B	VY022753.D	19 Jun 2025 14:11	vial-A	SY/MD	Ok
14	Q2367-03	EP-4-VOC	VY022754.D	19 Jun 2025 14:49	vial-A	SY/MD	Ok
15	Q2367-07	EP-5-VOV	VY022755.D	19 Jun 2025 15:12	vial-A	SY/MD	Ok
16	VIBLK	VIBLK	VY022756.D	19 Jun 2025 15:36		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VY022757.D	19 Jun 2025 15:59		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2364	**OrderDate:**	6/18/2025 4:07:57 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2364-02	**GAV1B**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/19/25	
Q2364-04	**GAV2B**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/19/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2364 **Order ID:** Q2364

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GAV1A								
Q2364-01	GAV1A	SOIL	Aroclor-1254	78.2		4.00	21.2	ug/kg
			Total Concentration:	**78.200**				
Client ID : GAV1B								
Q2364-02	GAV1B	SOIL	Aroclor-1254	20.7		3.80	19.9	ug/kg
			Total Concentration:	**20.700**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1A	SDG No.:	Q2364
Lab Sample ID:	Q2364-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073129.D	1	06/20/25 08:30	06/20/25 13:45	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.2	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.2	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.2	ug/kg
12672-29-6	Aroclor-1248	7.40	U	7.40	21.2	ug/kg
11097-69-1	Aroclor-1254	78.2		4.00	21.2	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	21.2	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.2	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		30 (32) - 150 (144)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		30 (32) - 150 (175)	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073130.D	1	06/20/25 08:30	06/20/25 14:01	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	20.7		3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		30 (32) - 150 (175)	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2A	SDG No.:	Q2364
Lab Sample ID:	Q2364-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073131.D	1	06/20/25 08:30	06/20/25 14:18	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.6	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.6	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.6	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.6	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.6	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.6	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.6	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.6	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		30 (32) - 150 (144)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		30 (32) - 150 (175)	102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	76.6 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073140.D	1	06/20/25 08:30	06/20/25 17:34	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	22.1	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	22.1	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	22.1	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	22.1	ug/kg
12672-29-6	Aroclor-1248	7.70	U	7.70	22.1	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	22.1	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	22.1	ug/kg
11100-14-4	Aroclor-1268	4.70	U	4.70	22.1	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	22.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		30 (32) - 150 (175)	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2364

Client: G Environmental

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP072990.D	PIBLK-PP072990.D	Tetrachloro-m-xylene	1	20	17.3	86		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.3	91		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.2	86		70 (60)	130 (140)
I.BLK-PP073121.D	PIBLK-PP073121.D	Tetrachloro-m-xylene	1	20	16.1	81		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.4	87		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	15.7	79		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.3	87		70 (60)	130 (140)
PB168558BL	PB168558BL	Tetrachloro-m-xylene	1	20	20.2	101		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.9	114		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.5	103		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.4	112		30 (32)	150 (175)
PB168558BS	PB168558BS	Tetrachloro-m-xylene	1	20	20.4	102		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.2	111		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.1	95		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.3	107		30 (32)	150 (175)
Q2362-01MS	TP-11MS	Tetrachloro-m-xylene	1	20	21.6	108		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.8	109		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.1	105		30 (32)	150 (175)
Q2362-01MSD	TP-11MSD	Tetrachloro-m-xylene	1	20	19.2	96		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.6	103		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.5	88		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.0	100		30 (32)	150 (175)
Q2364-01	GAV1A	Tetrachloro-m-xylene	1	20	20.2	101		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.4	97		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.6	93		30 (32)	150 (175)
Q2364-02	GAV1B	Tetrachloro-m-xylene	1	20	20.8	104		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	16.7	84		30 (32)	150 (175)
Q2364-03	GAV2A	Tetrachloro-m-xylene	1	20	20.6	103		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.3	102		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.6	103		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.6	98		30 (32)	150 (175)
I.BLK-PP073136.D	PIBLK-PP073136.D	Tetrachloro-m-xylene	1	20	15.9	79		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.6	88		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	15.7	79		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	16.9	84		70 (60)	130 (140)
Q2364-04	GAV2B	Tetrachloro-m-xylene	1	20	20.0	100		30 (32)	150 (144)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2364

Client: G Environmental

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q2364-04	GAV2B	Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.7	99		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.9	95		30 (32)	150 (175)
I.BLK-PP073151.D	PIBLK-PP073151.D	Tetrachloro-m-xylene	1	20	15.6	78		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.2	86		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	15.9	80		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.5	87		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2364 **Analytical Method:** 8082A

Client: G Environmental **DataFile :** PP073126.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TP-11MS**											
Q2362-01MS (Column 1)	AR1016	184.6	0	171	ug/kg	93				40 (55)	140 (146)	
	AR1260	184.6	0	159	ug/kg	86				40 (54)	140 (119)	
Client Sample ID:	**TP-11MS**											
Q2362-01MS (Column 2)	AR1016	184.6	0	161	ug/kg	87				40 (55)	140 (146)	
	AR1260	184.6	0	154	ug/kg	83				40 (54)	140 (119)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2364 **Analytical Method:** 8082A

Client: G Environmental **DataFile :** PP073127.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TP-11MSD**											
Q2362-01MSD (Column 1)	AR1016	184.9	0	175	ug/kg	95		2		40 (55)	140 (146)	30 (15)
	AR1260	184.9	0	168	ug/kg	91		6		40 (54)	140 (119)	30 (15)
Client Sample ID:	**TP-11MSD**											
Q2362-01MSD (Column 2)	AR1016	184.9	0	164	ug/kg	89		2		40 (55)	140 (146)	30 (15)
	AR1260	184.9	0	161	ug/kg	87		5		40 (54)	140 (119)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364 **Analytical Method:** 8082A

Client: G Environmental **Datafile :** PP073124.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168558BS (Column 1)	AR1016	166.6	160	ug/kg	96				40 (71)	140 (120)	
	AR1260	166.6	160	ug/kg	96				40 (65)	140 (130)	
PB168558BS (Column 2)	AR1016	166.6	150	ug/kg	90				40 (71)	140 (120)	
	AR1260	166.6	148	ug/kg	89				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168558BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: PB168558BL Lab File ID: PP073123.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 06/20/2025

Date Analyzed (1): 06/20/2025 Date Analyzed (2): 06/20/2025

Time Analyzed (1): 12:08 Time Analyzed (2): 12:08

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168558BS	PB168558BS	PP073124.D	06/20/2025	06/20/2025
TP-11MS	Q2362-01MS	PP073126.D	06/20/2025	06/20/2025
TP-11MSD	Q2362-01MSD	PP073127.D	06/20/2025	06/20/2025
GAV1A	Q2364-01	PP073129.D	06/20/2025	06/20/2025
GAV1B	Q2364-02	PP073130.D	06/20/2025	06/20/2025
GAV2A	Q2364-03	PP073131.D	06/20/2025	06/20/2025
GAV2B	Q2364-04	PP073140.D	06/20/2025	06/20/2025

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB168558BL		SDG No.:	Q2364	
Lab Sample ID:	PB168558BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073123.D	1	06/20/25 08:30	06/20/25 12:08	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		30 (32) - 150 (144)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		30 (32) - 150 (175)	114%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	06/17/25	
Project:	Ave B		Date Received:	06/17/25	
Client Sample ID:	PIBLK-PP072990.D		SDG No.:	Q2364	
Lab Sample ID:	I.BLK-PP072990.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072990.D	1		06/17/25	pp061725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		70 (60) - 130 (140)	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		70 (60) - 130 (140)	86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/20/25
Project:	Ave B	Date Received:	06/20/25
Client Sample ID:	PIBLK-PP073121.D	SDG No.:	Q2364
Lab Sample ID:	I.BLK-PP073121.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073121.D	1		06/20/25	PP062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		70 (60) - 130 (140)	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		70 (60) - 130 (140)	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/20/25
Project:	Ave B	Date Received:	06/20/25
Client Sample ID:	PIBLK-PP073136.D	SDG No.:	Q2364
Lab Sample ID:	I.BLK-PP073136.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073136.D	1		06/20/25	pp062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		70 (60) - 130 (140)	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		70 (60) - 130 (140)	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/20/25
Project:	Ave B	Date Received:	06/20/25
Client Sample ID:	PIBLK-PP073151.D	SDG No.:	Q2364
Lab Sample ID:	I.BLK-PP073151.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073151.D	1		06/20/25	pp062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		70 (60) - 130 (140)	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		70 (60) - 130 (140)	86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	PB168558BS		SDG No.:	Q2364	
Lab Sample ID:	PB168558BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073124.D	1	06/20/25 08:30	06/20/25 12:24	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	160		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		30 (32) - 150 (144)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (32) - 150 (175)	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	TP-11MS	SDG No.:	Q2364
Lab Sample ID:	Q2362-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.1 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073126.D	1	06/20/25 08:30	06/20/25 12:56	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	171		4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.8	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.8	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.8	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	159		3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		30 (32) - 150 (144)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		30 (32) - 150 (175)	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	TP-11MSD	SDG No.:	Q2364
Lab Sample ID:	Q2362-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.1 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073127.D	1	06/20/25 08:30	06/20/25 13:13	PB168558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	175		4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	168		3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		30 (32) - 150 (144)	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		30 (32) - 150 (175)	103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP072991.D RT 750 = PP072992.D

RT 500 = PP072993.D RT 250 = PP072994.D RT 050 = PP072995.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1016-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-3	(3)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1016-4	(4)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1260-1	(1)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1260-2	(2)	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Aroclor-1260-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1260-4	(4)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1260-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.19	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.50	4.49	4.39	4.59
Aroclor-1242-1	(1)	5.65	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1242-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-3	(3)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1242-4	(4)	5.83	5.82	5.83	5.83	5.82	5.83	5.73	5.93
Aroclor-1242-5	(5)	6.56	6.55	6.56	6.56	6.55	6.56	6.46	6.66
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.18	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1248-1	(1)	5.64	5.64	5.65	5.64	5.64	5.64	5.54	5.74
Aroclor-1248-2	(2)	5.92	5.92	5.92	5.92	5.91	5.92	5.82	6.02
Aroclor-1248-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1248-4	(4)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1248-5	(5)	6.56	6.56	6.56	6.56	6.55	6.56	6.46	6.66
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.18	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1254-1	(1)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1254-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1254-3	(3)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1254-4	(4)	7.35	7.35	7.35	7.36	7.35	7.35	7.25	7.45
Aroclor-1254-5	(5)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.19	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1268-1	(1)	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Aroclor-1268-2	(2)	8.79	8.79	8.79	8.79	8.79	8.79	8.69	8.89
Aroclor-1268-3	(3)	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Aroclor-1268-4	(4)	9.44	9.44	9.44	9.44	9.44	9.44	9.34	9.54
Aroclor-1268-5	(5)	9.85	9.85	9.85	9.85	9.85	9.85	9.75	9.95

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.19	10.18	10.18	10.19	10.18	10.19	10.09	10.29
Tetrachloro-m-xylene	4.49	4.49	4.49	4.50	4.49	4.49	4.39	4.59

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP072991.D RT 750 = PP072992.D

RT 500 = PP072993.D RT 250 = PP072994.D RT 050 = PP072995.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-2	(2)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1016-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.11	5.11	5.10	5.11	5.10	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1260-1	(1)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Aroclor-1260-4	(4)	7.16	7.16	7.16	7.16	7.16	7.16	7.06	7.26
Aroclor-1260-5	(5)	7.40	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1242-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-2	(2)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1242-5	(5)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1248-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1248-4	(4)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1248-5	(5)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1254-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1254-3	(3)	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Aroclor-1254-4	(4)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.86	6.86	6.86	6.87	6.86	6.86	6.76	6.96
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1268-1	(1)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.95	7.95	7.95	7.95	7.95	7.95	7.85	8.05
Aroclor-1268-4	(4)	8.24	8.25	8.25	8.24	8.24	8.24	8.14	8.34
Aroclor-1268-5	(5)	8.54	8.54	8.54	8.54	8.54	8.54	8.44	8.64

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP072991.D **CF 750 =** PP072992.D

CF 500 = PP072993.D **CF 250 =** PP072994.D **CF 050 =** PP072995.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63671603	67644257	70148492	76963128	84930220	72671540	12
Aroclor-1016-2	(2)	97440661	102354848	107008936	114458460	98840440	104020669	7
Aroclor-1016-3	(3)	59983524	63267185	65041372	73554480	64895380	65348388	8
Aroclor-1016-4	(4)	50589003	52912481	54400336	56287652	47214800	52280854	7
Aroclor-1016-5	(5)	46240143	47840919	49349310	51433860	55161280	50005102	7
Aroclor-1260-1	(1)	82538787	86792979	90284630	94211564	87238820	88213356	5
Aroclor-1260-2	(2)	125600539	132072107	137363486	143645412	140737120	135883733	5
Aroclor-1260-3	(3)	106201830	111185451	115341698	120182220	117849880	114152216	5
Aroclor-1260-4	(4)	98670506	102821608	101520658	108282220	103932620	103045522	3
Aroclor-1260-5	(5)	227637841	236485680	245198018	255372264	238418920	240622545	4
Decachlorobiphenyl		1620648950	1677444467	1749703060	1784234960	1712434400	1708893167	4
Tetrachloro-m-xylene		1977356170	2059482187	2109826840	2243117400	2164249200	2110806359	5
Aroclor-1242-1	(1)	54005130	54512615	57421654	60290804	65956000	58437241	8
Aroclor-1242-2	(2)	81931377	79616400	88109514	98852440	84261940	86554334	9
Aroclor-1242-3	(3)	50398728	48446856	53645312	57446220	53601300	52707683	7
Aroclor-1242-4	(4)	42240385	41710237	44319270	46660108	44861080	43958216	5
Aroclor-1242-5	(5)	45003164	45972225	47192024	56790384	52840600	49559679	10
Decachlorobiphenyl		1612495640	1627929573	1725341220	1814607120	1610121000	1678098911	5
Tetrachloro-m-xylene		1888746510	1833283947	1976454780	2024098800	2031619200	1950840647	4
Aroclor-1248-1	(1)	41858490	44170731	45862520	49041552	56908940	47568447	12
Aroclor-1248-2	(2)	55380415	58022209	55617524	59041032	64693660	58550968	6
Aroclor-1248-3	(3)	63266998	66239924	62737624	66758520	67243400	65249293	3
Aroclor-1248-4	(4)	77728954	82015129	82895984	86036548	96645880	85064499	8
Aroclor-1248-5	(5)	75041779	78134308	81070348	82544344	101675060	83693168	12
Decachlorobiphenyl		1620420410	1689508547	1707113880	1772211040	1987340600	1755318895	8
Tetrachloro-m-xylene		1885218090	1960849747	1904121260	1960400040	2044577000	1951033227	3
Aroclor-1254-1	(1)	73763285	78885443	81757104	88891384	97572240	84173891	11
Aroclor-1254-2	(2)	111451506	118674340	123357828	133620984	139899720	125400876	9
Aroclor-1254-3	(3)	119235877	126285657	130365552	141133040	139034740	131210973	7
Aroclor-1254-4	(4)	108754762	114515340	117946542	128101128	129602040	119783962	7
Aroclor-1254-5	(5)	106940669	112254864	115991910	123909512	112185340	114256459	6
Decachlorobiphenyl		1648218000	1739306053	1775656020	1935470960	1659491600	1751628527	7
Tetrachloro-m-xylene		1872735760	1960277133	2019595300	2159825040	2074265000	2017339647	5
Aroclor-1268-1	(1)	342609292	345928729	355896714	398597476	345083220	357623086	7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	290418323	293649853	302966618	340918088	297353440	305061264	7
Aroclor-1268-3	(3)	249992898	253511760	262173960	295232256	266657480	265513671	7
Aroclor-1268-4	(4)	114648839	115165531	118059850	128871696	108376940	117024571	6
Aroclor-1268-5	(5)	713831298	735909031	738672980	819932440	689883900	739645930	7
Decachlorobiphenyl		3002859930	3106573307	3204862440	3588507520	3062996400	3193159919	7
Tetrachloro-m-xylene		1965399560	2013897333	2066727860	2334276840	2005844200	2077229159	7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP072991.D **CF 750 =** PP072992.D

CF 500 = PP072993.D **CF 250 =** PP072994.D **CF 050 =** PP072995.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	58734267	64000205	67674152	72695560	80484240	68717685	12
Aroclor-1016-2	(2)	90382349	94344453	98038690	104433472	115993580	100638509	10
Aroclor-1016-3	(3)	48136215	50748025	53595712	56975444	64125620	54716203	11
Aroclor-1016-4	(4)	38107893	40907291	43245840	46954372	53532680	44549615	13
Aroclor-1016-5	(5)	49203503	51615780	54910048	58505108	62177080	55282304	9
Aroclor-1260-1	(1)	84892100	88579871	95448406	100236824	104495860	94730612	9
Aroclor-1260-2	(2)	105588352	108160505	115763440	121715240	130953840	116436275	9
Aroclor-1260-3	(3)	96095206	97763095	104346708	109521728	113078520	104161051	7
Aroclor-1260-4	(4)	77788306	79915727	86740682	92092068	102155800	87738517	11
Aroclor-1260-5	(5)	196041650	198840268	209548214	218270728	244301260	213400424	9
Decachlorobiphenyl		1225771100	1248497173	1342901640	1435827000	1420581600	1334715703	7
Tetrachloro-m-xylene		1662896120	1767446653	1788437460	1893713440	1896490200	1801796775	5
Aroclor-1242-1	(1)	50070930	49549424	54443442	59214632	62816600	55219006	10
Aroclor-1242-2	(2)	73623300	71492977	79469612	84317900	88528280	79486414	9
Aroclor-1242-3	(3)	39446084	38282884	42982138	46709656	49104180	43304988	11
Aroclor-1242-4	(4)	37721961	36558999	41186366	44840456	47211420	41503840	11
Aroclor-1242-5	(5)	49158591	46923105	52837542	55505240	58508140	52586524	9
Decachlorobiphenyl		1205418560	1226140693	1281128260	1336855440	1341504000	1278209391	5
Tetrachloro-m-xylene		1683517200	1544398853	1783586240	1693726480	1780668000	1697179355	6
Aroclor-1248-1	(1)	39929038	42320627	40002718	45282436	50417100	43590384	10
Aroclor-1248-2	(2)	53044396	57410791	53304096	60483108	68735640	58595606	11
Aroclor-1248-3	(3)	55822275	59851821	54787908	62834628	69424220	60544170	10
Aroclor-1248-4	(4)	64712793	69142612	62749900	72698224	80808780	70022462	10
Aroclor-1248-5	(5)	65436447	68813545	68635516	72459776	79814180	71031893	8
Decachlorobiphenyl		1226985710	1250965200	1294060880	1349363760	1435080400	1311291190	6
Tetrachloro-m-xylene		1707872610	1775213400	1595172200	1742416320	1838339400	1731802786	5
Aroclor-1254-1	(1)	94131500	102369100	108358230	120483728	122907600	109650032	11
Aroclor-1254-2	(2)	80645865	88030495	92596756	103733056	107725280	94546290	12
Aroclor-1254-3	(3)	128776319	138178049	147317104	161124892	162339800	147547233	10
Aroclor-1254-4	(4)	83562949	90268741	96675708	106896836	108101020	97101051	11
Aroclor-1254-5	(5)	116424396	122854644	129598642	142067368	138868340	129962678	8
Decachlorobiphenyl		1234350420	1314370427	1354328000	1438665160	1427909200	1353924641	6
Tetrachloro-m-xylene		1670033590	1775346533	1836392320	1937020080	1788575000	1801473505	5
Aroclor-1268-1	(1)	263809069	277704169	280800266	313024424	300977600	287263106	7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	236468443	251452185	251704404	280300416	265662900	257117670	6
Aroclor-1268-3	(3)	197435098	210533244	211556648	231588560	228588480	215940406	7
Aroclor-1268-4	(4)	83966367	90997261	93004838	103484904	99474300	94185534	8
Aroclor-1268-5	(5)	544182935	572449871	587387342	623593632	566405340	578803824	5
Decachlorobiphenyl		2216214780	2314031280	2438938620	2677731000	2452104000	2419803936	7
Tetrachloro-m-xylene		1798342890	1816167067	1835922080	2018457320	1810038400	1855785551	5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Date(s) Analyzed:** 06/17/2025 06/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.69	4.59	4.79	24659200
		2	4.78	4.68	4.88	20179000
		3	4.85	4.75	4.95	61551400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.86	4.76	4.96	46956200
		2	5.38	5.28	5.48	22369800
		3	5.67	5.57	5.77	51597600
		4	5.83	5.73	5.93	25810400
		5	5.92	5.82	6.02	35670200
Aroclor-1262	500	1	8.07	7.97	8.17	148023000
		2	8.39	8.29	8.49	316466000
		3	8.70	8.60	8.80	213972000
		4	8.79	8.69	8.89	157593000
		5	9.44	9.34	9.54	111864000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Instrument ID: ECD_P **Date(s) Analyzed:** 06/17/2025 06/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.00	3.90	4.10	26872400
		2	4.09	3.99	4.19	20185400
		3	4.16	4.06	4.26	58732000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.16	4.06	4.26	45564800
		2	4.89	4.79	4.99	46259800
		3	5.06	4.96	5.16	24558000
		4	5.15	5.05	5.25	21625200
		5	5.32	5.22	5.42	22858800
Aroclor-1262	500	1	6.90	6.80	7.00	144467000
		2	7.16	7.06	7.26	122231000
		3	7.68	7.58	7.78	112703000
		4	7.75	7.65	7.85	183356000
		5	8.24	8.14	8.34	86585200

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 09:16 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.85	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 09:16 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.32	5.32	5.22	5.42	0.00
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.00
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073117.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.643	5.546	5.746	469.830	500.000	-6.0
Aroclor-1016-2	5.664	5.567	5.767	512.290	500.000	2.5
Aroclor-1016-3	5.726	5.629	5.829	503.120	500.000	0.6
Aroclor-1016-4	5.824	5.727	5.927	526.750	500.000	5.4
Aroclor-1016-5	6.116	6.019	6.219	498.320	500.000	-0.3
Aroclor-1260-1	7.233	7.136	7.336	519.110	500.000	3.8
Aroclor-1260-2	7.487	7.389	7.589	506.380	500.000	1.3
Aroclor-1260-3	7.845	7.747	7.947	513.930	500.000	2.8
Aroclor-1260-4	8.069	7.971	8.171	529.950	500.000	6.0
Aroclor-1260-5	8.387	8.288	8.488	518.800	500.000	3.8
Decachlorobiphenyl	10.184	10.087	10.287	52.820	50.000	5.6
Tetrachloro-m-xylene	4.491	4.394	4.594	49.340	50.000	-1.3

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073117.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.866	4.768	4.968	459.740	500.000	-8.1
Aroclor-1016-2	4.884	4.786	4.986	465.280	500.000	-6.9
Aroclor-1016-3	5.061	4.962	5.162	470.750	500.000	-5.9
Aroclor-1016-4	5.102	5.004	5.204	470.970	500.000	-5.8
Aroclor-1016-5	5.316	5.218	5.418	475.800	500.000	-4.8
Aroclor-1260-1	6.346	6.249	6.449	452.490	500.000	-9.5
Aroclor-1260-2	6.535	6.438	6.638	454.940	500.000	-9.0
Aroclor-1260-3	6.688	6.589	6.789	460.220	500.000	-8.0
Aroclor-1260-4	7.157	7.060	7.260	458.490	500.000	-8.3
Aroclor-1260-5	7.400	7.302	7.502	457.330	500.000	-8.5
Decachlorobiphenyl	8.796	8.697	8.897	50.260	50.000	0.5
Tetrachloro-m-xylene	3.786	3.688	3.888	46.960	50.000	-6.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 15:23 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.24	7.24	7.14	7.34	0.00
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.85	7.85	7.75	7.95	0.00
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.19	10.19	10.09	10.29	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 15:23 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.32	5.32	5.22	5.42	0.00
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.00
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073132.D **Time Analyzed:** 15:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.644	5.546	5.746	468.760	500.000	-6.2
Aroclor-1016-2	5.666	5.567	5.767	504.590	500.000	0.9
Aroclor-1016-3	5.728	5.629	5.829	502.440	500.000	0.5
Aroclor-1016-4	5.825	5.727	5.927	527.390	500.000	5.5
Aroclor-1016-5	6.118	6.019	6.219	491.830	500.000	-1.6
Aroclor-1260-1	7.235	7.136	7.336	517.500	500.000	3.5
Aroclor-1260-2	7.488	7.389	7.589	495.250	500.000	-1.0
Aroclor-1260-3	7.847	7.747	7.947	502.020	500.000	0.4
Aroclor-1260-4	8.070	7.971	8.171	517.610	500.000	3.5
Aroclor-1260-5	8.388	8.288	8.488	507.960	500.000	1.6
Decachlorobiphenyl	10.185	10.087	10.287	52.640	50.000	5.3
Tetrachloro-m-xylene	4.493	4.394	4.594	48.680	50.000	-2.6

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073132.D **Time Analyzed:** 15:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.866	4.768	4.968	461.520	500.000	-7.7
Aroclor-1016-2	4.884	4.786	4.986	470.410	500.000	-5.9
Aroclor-1016-3	5.060	4.962	5.162	474.380	500.000	-5.1
Aroclor-1016-4	5.102	5.004	5.204	476.440	500.000	-4.7
Aroclor-1016-5	5.316	5.218	5.418	492.550	500.000	-1.5
Aroclor-1260-1	6.347	6.249	6.449	479.410	500.000	-4.1
Aroclor-1260-2	6.535	6.438	6.638	477.950	500.000	-4.4
Aroclor-1260-3	6.687	6.589	6.789	480.200	500.000	-4.0
Aroclor-1260-4	7.157	7.060	7.260	474.800	500.000	-5.0
Aroclor-1260-5	7.399	7.302	7.502	471.430	500.000	-5.7
Decachlorobiphenyl	8.794	8.697	8.897	50.130	50.000	0.3
Tetrachloro-m-xylene	3.786	3.688	3.888	48.140	50.000	-3.7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 20:33 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

Continuing Calib Date: 06/20/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 20:33 **Initial Calibration Time(s):** 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.32	5.32	5.22	5.42	0.00
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.00
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073147.D **Time Analyzed:** 20:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.642	5.546	5.746	454.530	500.000	-9.1
Aroclor-1016-2	5.663	5.567	5.767	484.410	500.000	-3.1
Aroclor-1016-3	5.725	5.629	5.829	479.680	500.000	-4.1
Aroclor-1016-4	5.823	5.727	5.927	498.640	500.000	-0.3
Aroclor-1016-5	6.115	6.019	6.219	469.870	500.000	-6.0
Aroclor-1260-1	7.232	7.136	7.336	501.890	500.000	0.4
Aroclor-1260-2	7.486	7.389	7.589	470.210	500.000	-6.0
Aroclor-1260-3	7.843	7.747	7.947	491.330	500.000	-1.7
Aroclor-1260-4	8.067	7.971	8.171	508.370	500.000	1.7
Aroclor-1260-5	8.384	8.288	8.488	499.520	500.000	-0.1
Decachlorobiphenyl	10.182	10.087	10.287	50.120	50.000	0.2
Tetrachloro-m-xylene	4.491	4.394	4.594	47.120	50.000	-5.8

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: GENV01

Lab Code: CHEM **Case No.:** Q2364 **SAS No.:** Q2364 **SDG NO.:** Q2364

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 06/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073147.D **Time Analyzed:** 20:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.866	4.768	4.968	442.290	500.000	-11.5
Aroclor-1016-2	4.884	4.786	4.986	450.070	500.000	-10.0
Aroclor-1016-3	5.061	4.962	5.162	449.590	500.000	-10.1
Aroclor-1016-4	5.102	5.004	5.204	449.020	500.000	-10.2
Aroclor-1016-5	5.316	5.218	5.418	458.800	500.000	-8.2
Aroclor-1260-1	6.347	6.249	6.449	446.790	500.000	-10.6
Aroclor-1260-2	6.536	6.438	6.638	465.130	500.000	-7.0
Aroclor-1260-3	6.688	6.589	6.789	451.030	500.000	-9.8
Aroclor-1260-4	7.158	7.060	7.260	450.160	500.000	-10.0
Aroclor-1260-5	7.400	7.302	7.502	457.340	500.000	-8.5
Decachlorobiphenyl	8.795	8.697	8.897	50.810	50.000	1.6
Tetrachloro-m-xylene	3.787	3.688	3.888	46.400	50.000	-7.2

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: G Environmental **SDG No.:** Q2364

Project: Ave B **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/17/2025 06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	06/17/2025	09:47	PP072990.D	10.19	4.49
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	10.19	4.49
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	10.19	4.49
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	10.19	4.49
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	10.19	4.49
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	10.19	4.50
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	10.18	4.49
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	10.19	4.50
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	10.19	4.49
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	10.19	4.49
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	10.19	4.49
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	10.18	4.49
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	10.19	4.49
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	4.49
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	10.19	4.49
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	10.19	4.49
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	10.19	4.49
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	10.19	4.49
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	10.19	4.49
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	10.19	4.49
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	10.19	4.49
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	10.19	4.49
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	10.18	4.49
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	10.19	4.50
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/20/2025	09:16	PP073117.D	10.18	4.49
I.BLK	I.BLK	06/20/2025	10:22	PP073121.D	10.18	4.49
PB168558BL	PB168558BL	06/20/2025	12:08	PP073123.D	10.19	4.49
PB168558BS	PB168558BS	06/20/2025	12:24	PP073124.D	10.18	4.49
TP-11MS	Q2362-01MS	06/20/2025	12:56	PP073126.D	10.18	4.49
TP-11MSD	Q2362-01MSD	06/20/2025	13:13	PP073127.D	10.19	4.49
GAV1A	Q2364-01	06/20/2025	13:45	PP073129.D	10.18	4.49
GAV1B	Q2364-02	06/20/2025	14:01	PP073130.D	10.19	4.49
GAV2A	Q2364-03	06/20/2025	14:18	PP073131.D	10.19	4.49
AR1660CCC500	AR1660CCC500	06/20/2025	15:23	PP073132.D	10.19	4.49
I.BLK	I.BLK	06/20/2025	16:29	PP073136.D	10.18	4.49
GAV2B	Q2364-04	06/20/2025	17:34	PP073140.D	10.19	4.49
AR1660CCC500	AR1660CCC500	06/20/2025	20:33	PP073147.D	10.18	4.49

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

I.BLK	I.BLK	06/20/2025	21:55	PP073151.D	10.18	4.49

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: G Environmental **SDG No.:** Q2364

Project: Ave B **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/17/2025 06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	06/17/2025	09:47	PP072990.D	8.80	3.79
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	8.80	3.79
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	8.80	3.79
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	8.80	3.79
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	8.80	3.79
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	8.80	3.79
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	8.80	3.79
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	8.80	3.79
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	8.80	3.79
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	8.80	3.79
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	8.80	3.79
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	8.80	3.79
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	8.80	3.79
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	8.80	3.79
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	8.80	3.79
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	8.80	3.79
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	8.80	3.79
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	8.80	3.79
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	8.80	3.79
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	8.80	3.79
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	8.80	3.79
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	8.80	3.79
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	8.80	3.79
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	8.80	3.79
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	8.80	3.79
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/20/2025	09:16	PP073117.D	8.80	3.79
I.BLK	I.BLK	06/20/2025	10:22	PP073121.D	8.79	3.79
PB168558BL	PB168558BL	06/20/2025	12:08	PP073123.D	8.80	3.79
PB168558BS	PB168558BS	06/20/2025	12:24	PP073124.D	8.80	3.79
TP-11MS	Q2362-01MS	06/20/2025	12:56	PP073126.D	8.79	3.78
TP-11MSD	Q2362-01MSD	06/20/2025	13:13	PP073127.D	8.80	3.79
GAV1A	Q2364-01	06/20/2025	13:45	PP073129.D	8.80	3.79
GAV1B	Q2364-02	06/20/2025	14:01	PP073130.D	8.80	3.79
GAV2A	Q2364-03	06/20/2025	14:18	PP073131.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/20/2025	15:23	PP073132.D	8.79	3.79
I.BLK	I.BLK	06/20/2025	16:29	PP073136.D	8.80	3.79
GAV2B	Q2364-04	06/20/2025	17:34	PP073140.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/20/2025	20:33	PP073147.D	8.80	3.79

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

I.BLK	I.BLK	06/20/2025	21:55	PP073151.D	8.80	3.79

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB168558BS

Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: PB168558BS Date(s) Analyzed: 06/20/2025 06/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP073124.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.643	5.593	5.693	153		
	2	5.664	5.614	5.714	164		
	3	5.727	5.677	5.777	162		
COLUMN 1	4	5.823	5.773	5.873	168		
	5	6.116	6.066	6.166	156	160	
	1	4.865	4.815	4.915	147		
	2	4.882	4.832	4.932	152		
	3	5.059	5.009	5.109	151		
	4	5.101	5.051	5.151	149		
COLUMN 2	5	5.315	5.265	5.365	151	150	6.45
Aroclor-1260	1	7.233	7.183	7.283	173		
	2	7.487	7.437	7.537	169		
	3	7.845	7.795	7.895	144		
COLUMN 1	4	8.068	8.018	8.118	161		
	5	8.387	8.337	8.437	151	160	
	1	6.345	6.295	6.395	156		
	2	6.534	6.484	6.584	152		
	3	6.686	6.636	6.736	156		
	4	7.156	7.106	7.206	140		
COLUMN 2	5	7.398	7.348	7.448	136	148	7.79

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-11MS

Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: Q2362-01MS Date(s) Analyzed: 06/20/2025 06/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP073126.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.64	5.59	5.69	165		
	2	5.662	5.612	5.712	174		
	3	5.724	5.674	5.774	171		
COLUMN 1	4	5.822	5.772	5.872	181		
	5	6.114	6.064	6.164	164	171	
	1	4.864	4.814	4.914	158		
	2	4.882	4.832	4.932	163		
	3	5.059	5.009	5.109	162		
	4	5.1	5.05	5.15	159		
COLUMN 2	5	5.314	5.264	5.364	162	161	6.02
Aroclor-1260	1	7.231	7.181	7.281	177		
	2	7.484	7.434	7.534	169		
	3	7.842	7.792	7.892	143		
COLUMN 1	4	8.066	8.016	8.116	158		
	5	8.384	8.334	8.434	148	159	
	1	6.345	6.295	6.395	166		
	2	6.534	6.484	6.584	160		
	3	6.686	6.636	6.736	164		
	4	7.156	7.106	7.206	142		
COLUMN 2	5	7.398	7.348	7.448	137	154	3.19

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: TP-11MSD

Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: Q2362-01MSD Date(s) Analyzed: 06/20/2025 06/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP073127.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.643	5.593	5.693	167		
	2	5.666	5.616	5.716	180		
	3	5.727	5.677	5.777	175		
COLUMN 1	4	5.825	5.775	5.875	184		
	5	6.117	6.067	6.167	169	175	
	1	4.866	4.816	4.916	164		
	2	4.884	4.834	4.934	164		
	3	5.061	5.011	5.111	166		
	4	5.103	5.053	5.153	163		
COLUMN 2	5	5.316	5.266	5.366	165	164	6.49
Aroclor-1260	1	7.234	7.184	7.284	186		
	2	7.488	7.438	7.538	179		
	3	7.846	7.796	7.896	152		
COLUMN 1	4	8.07	8.02	8.12	170		
	5	8.388	8.338	8.438	155	168	
	1	6.347	6.297	6.397	171		
	2	6.536	6.486	6.586	166		
	3	6.687	6.637	6.737	171		
	4	7.158	7.108	7.208	150		
COLUMN 2	5	7.4	7.35	7.45	148	161	4.26

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

GAV1A

Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: Q2364-01 Date(s) Analyzed: 06/20/2025 06/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP073129.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.487	6.437	6.537	64.9		
	2	6.705	6.655	6.755	69.6		
	3	7.068	7.018	7.118	81.1		
COLUMN 1	4	7.35	7.3	7.4	72.3		
	5	7.766	7.716	7.816	101	77.7	
	1	5.667	5.617	5.717	60.3		
	2	5.815	5.765	5.865	72.5		
	3	6.217	6.167	6.267	85.2		
	4	6.445	6.395	6.495	71.5		
COLUMN 2	5	6.862	6.812	6.912	102	78.2	0.64

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
GAV1B

Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab Sample ID: Q2364-02 Date(s) Analyzed: 06/20/2025 06/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP073130.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.492	6.442	6.542	16.2		
	2	6.708	6.658	6.758	17.6		
	3	7.072	7.022	7.122	22.3		
COLUMN 1	4	7.354	7.304	7.404	22.4		
	5	7.769	7.719	7.819	25.0	20.7	
	1	5.667	5.617	5.717	12.8		
	2	5.815	5.765	5.865	17.5		
	3	6.218	6.168	6.268	20.6		
	4	6.446	6.396	6.496	18.4		
COLUMN 2	5	6.863	6.813	6.913	28.4	19.6	5.46

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 13:45
Operator : YP\AJ
Sample : Q2364-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
GAV1A

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:10:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.490	3.786	42685142	36157737	20.222	20.068
2)	SA Decachlor...	10.182	8.796	33100459	24895291	19.370	18.652
	Target Compounds						
26)	L6 AR-1254-1	6.487	5.667	13110253	15859839	155.752m	144.641
27)	L6 AR-1254-2	6.705	5.815	20951849	16451167	167.079	174.001
28)	L6 AR-1254-3	7.068	6.217	25538349	30186851	194.636	204.591
29)	L6 AR-1254-4	7.350	6.445	20778634	16660606	173.468	171.580
30)	L6 AR-1254-5	7.766	6.862	27640168	31742627	241.913	244.244

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

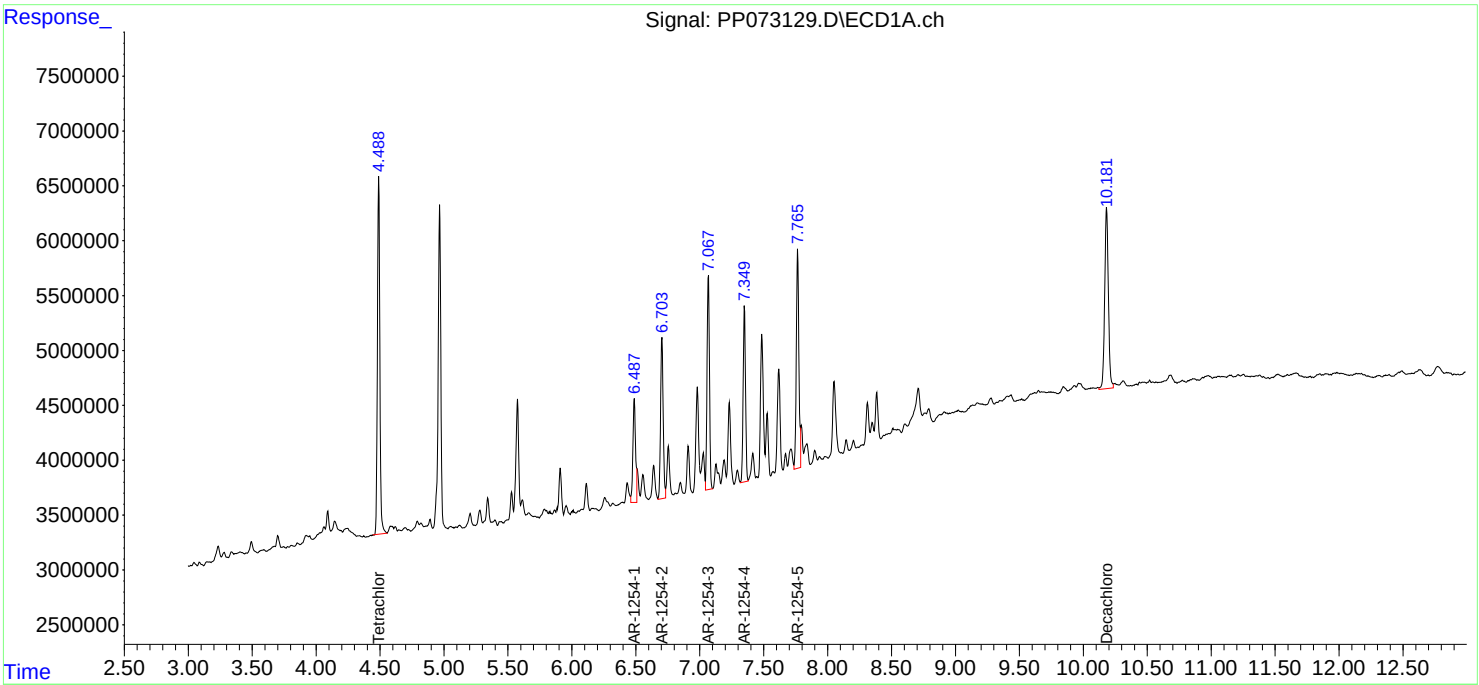
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 13:45
Operator : YP\AJ
Sample : Q2364-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

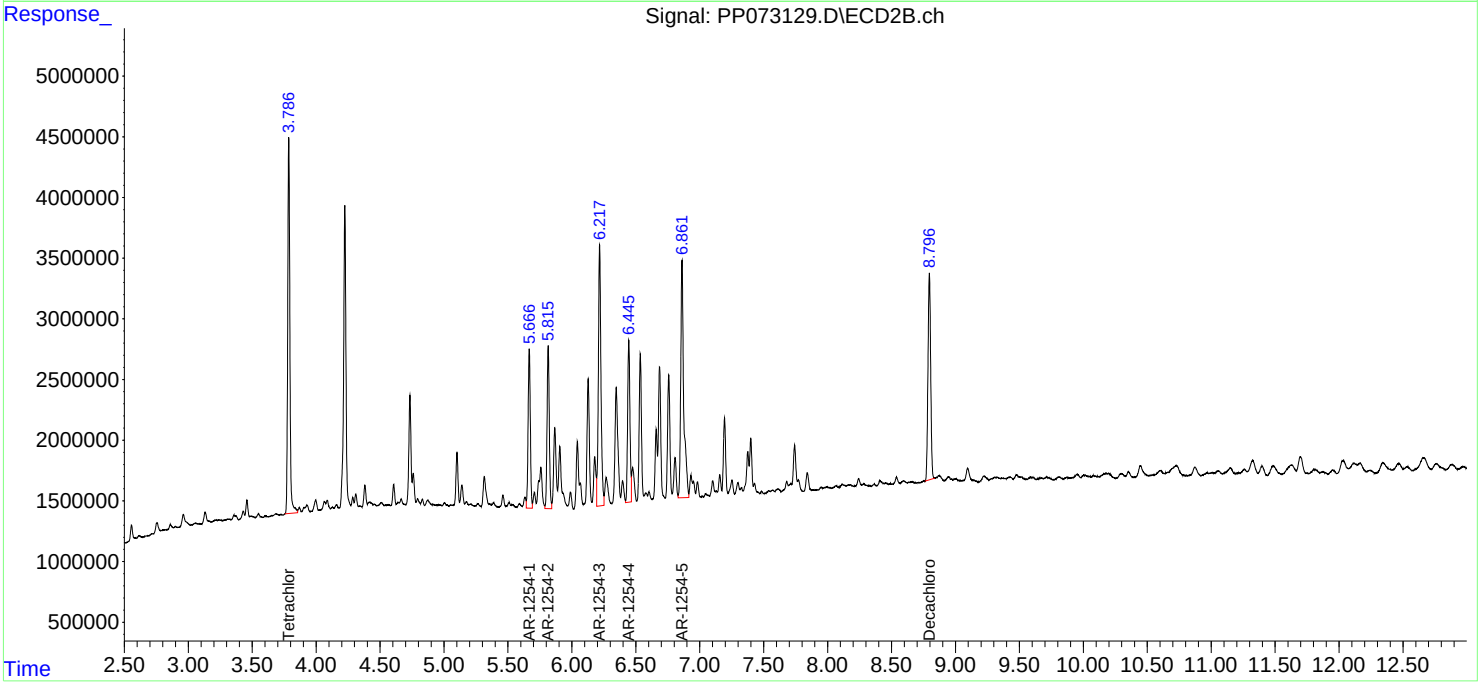
Instrument :
ECD_P
ClientSampleId :
GAV1A

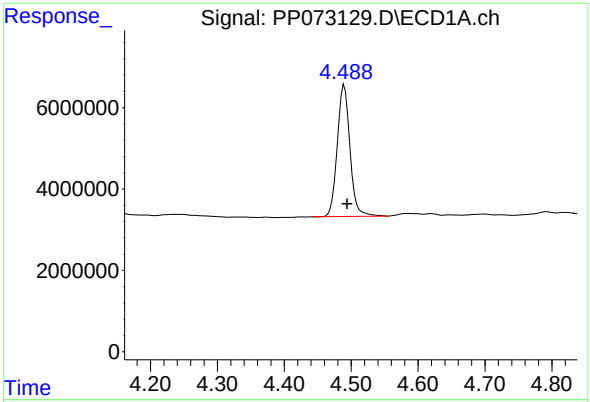
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:10:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







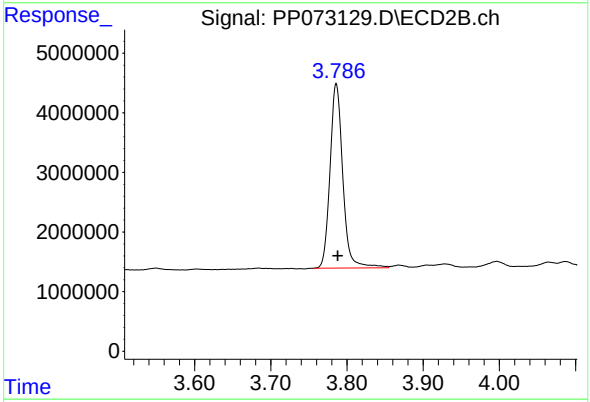
#1 Tetrachloro-m-xylene

R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 42685142
Conc: 20.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1A

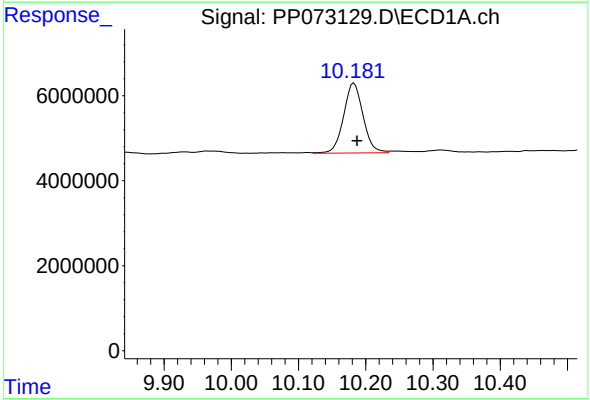
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



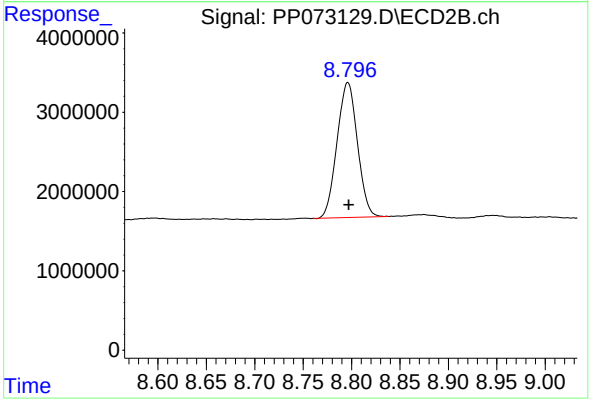
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 36157737
Conc: 20.07 ng/ml



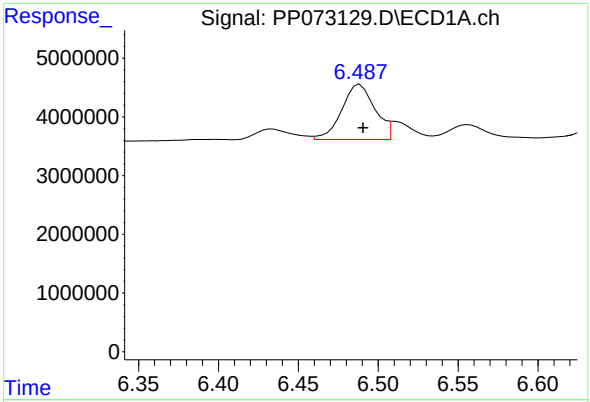
#2 Decachlorobiphenyl

R.T.: 10.182 min
Delta R.T.: -0.005 min
Response: 33100459
Conc: 19.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 24895291
Conc: 18.65 ng/ml



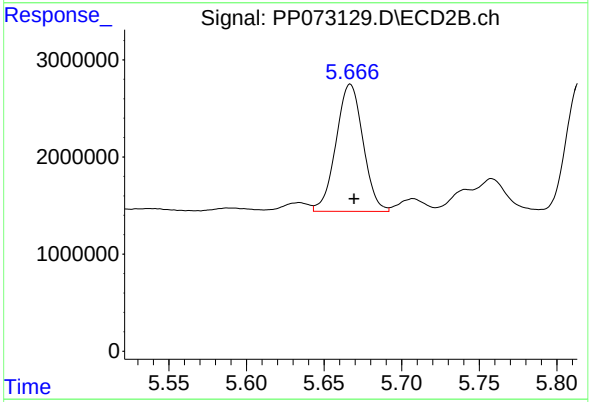
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 13110253
Conc: 155.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1A

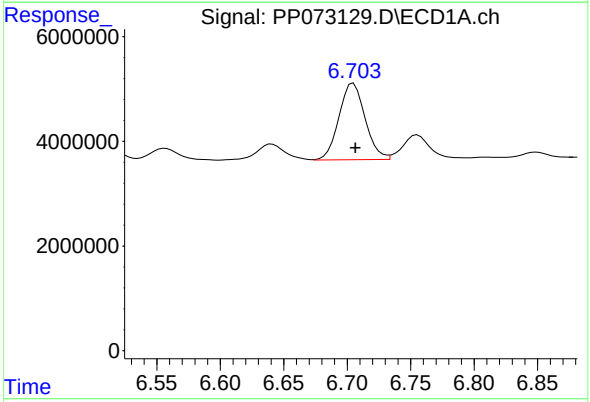
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



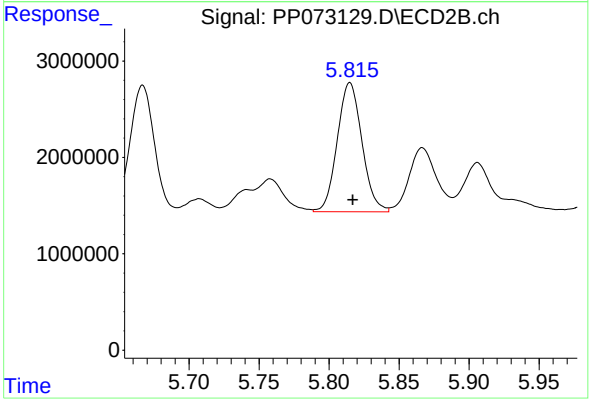
#26 AR-1254-1

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 15859839
Conc: 144.64 ng/ml



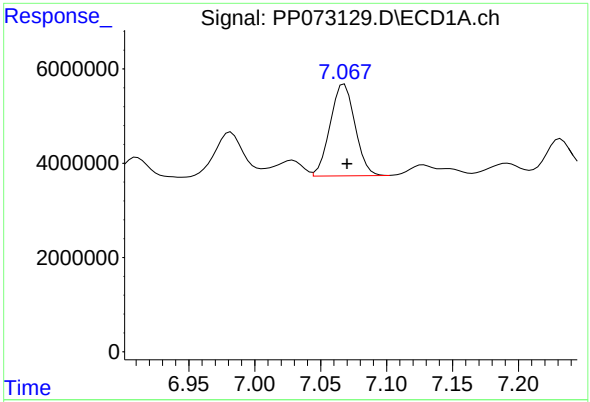
#27 AR-1254-2

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 20951849
Conc: 167.08 ng/ml



#27 AR-1254-2

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 16451167
Conc: 174.00 ng/ml



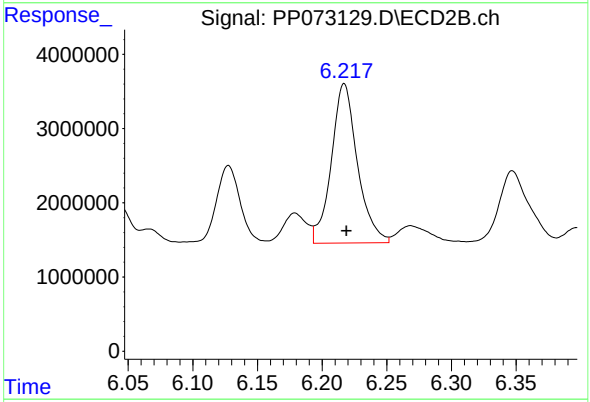
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 25538349
Conc: 194.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1A

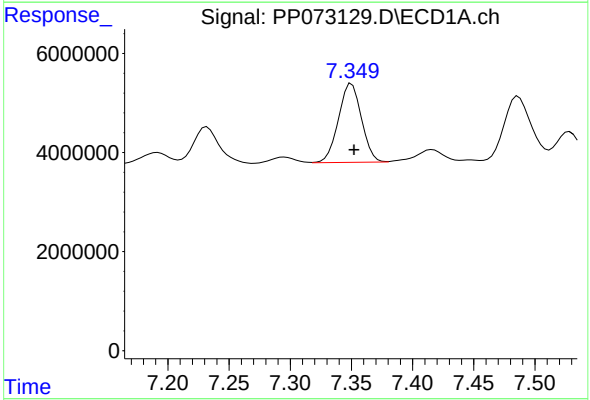
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



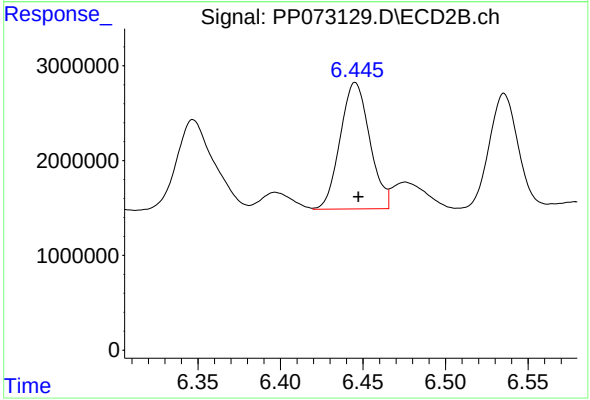
#28 AR-1254-3

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 30186851
Conc: 204.59 ng/ml



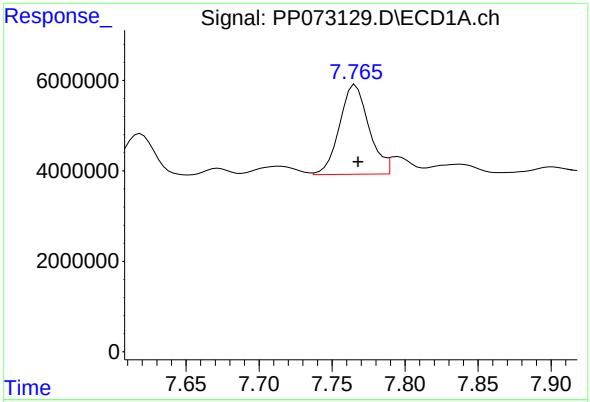
#29 AR-1254-4

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 20778634
Conc: 173.47 ng/ml



#29 AR-1254-4

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 16660606
Conc: 171.58 ng/ml



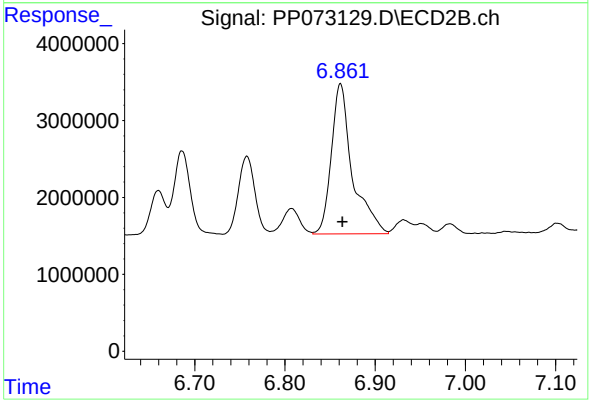
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 27640168
Conc: 241.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1A

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



#30 AR-1254-5

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 31742627
Conc: 244.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 14:01
Operator : YP\AJ
Sample : Q2364-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
GAV1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 16:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.493	3.787	43844708	38113741	20.772	21.153
2)	SA Decachlor...	10.186	8.797	32541033	22312308	19.042	16.717
	Target Compounds						
26)	L6 AR-1254-1	6.492	5.667	3498873	3600583	41.567	32.837
27)	L6 AR-1254-2	6.708	5.815	5663557	4251937	45.164	44.972
28)	L6 AR-1254-3	7.072	6.218	7517886	7805589	57.296	52.902
29)	L6 AR-1254-4	7.354	6.446	6895591	4587163	57.567	47.241
30)	L6 AR-1254-5	7.769	6.863	7318176	9486356	64.050	72.993

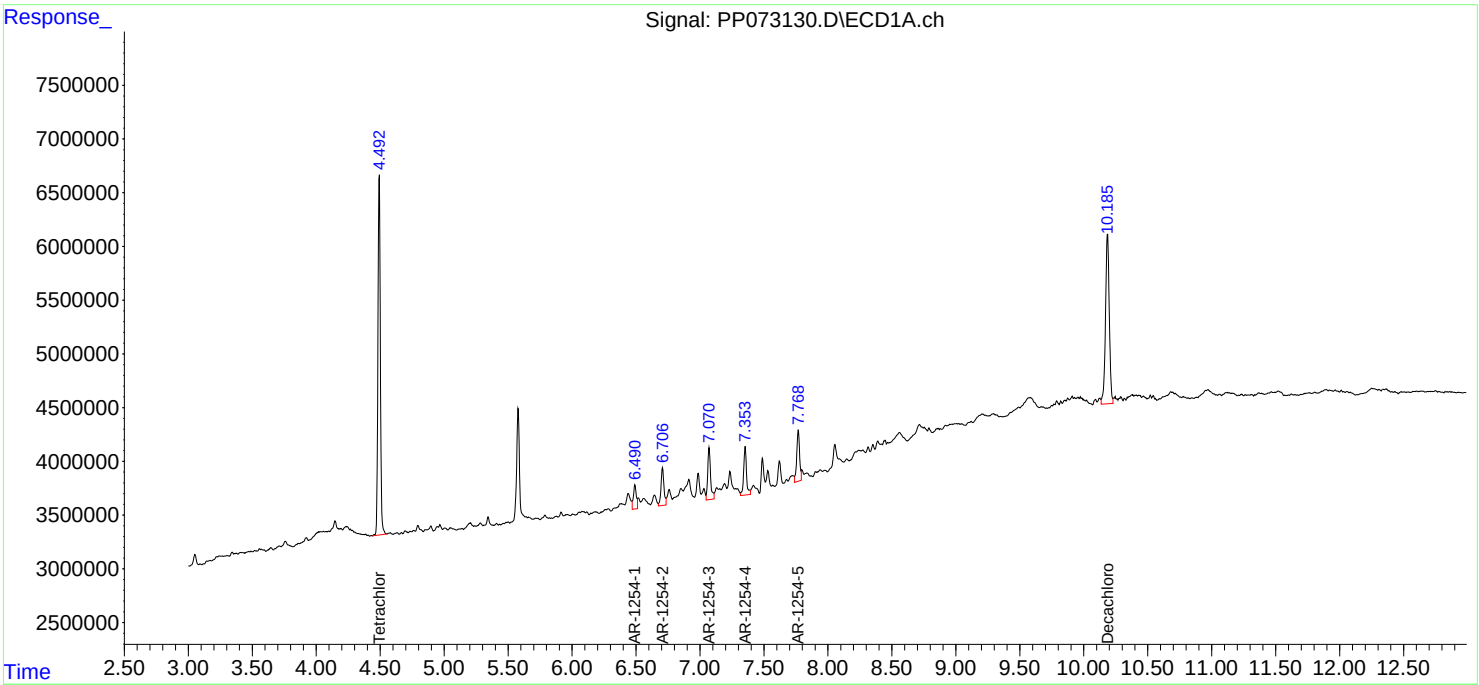
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

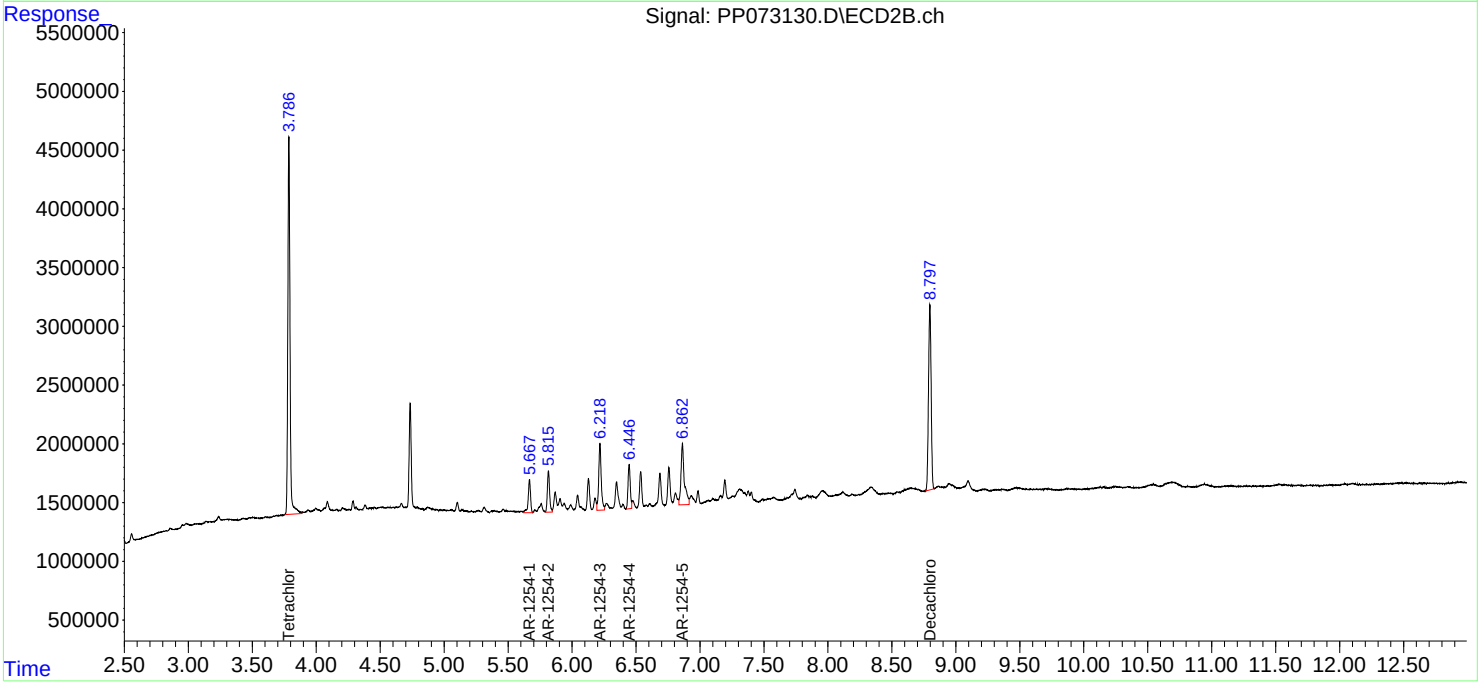
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 14:01
Operator : YP\AJ
Sample : Q2364-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

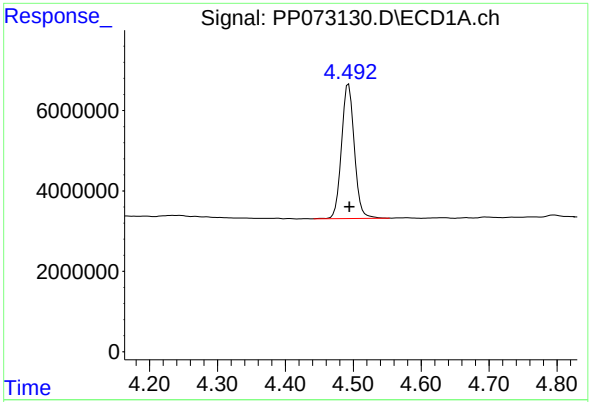
Instrument :
ECD_P
ClientSampleId :
GAV1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 16:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



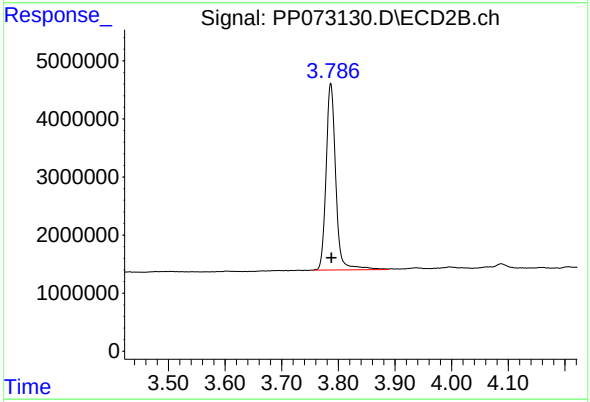




#1 Tetrachloro-m-xylene

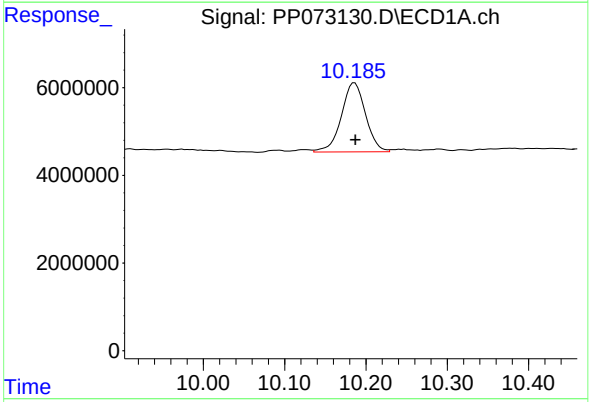
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 43844708
Conc: 20.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1B



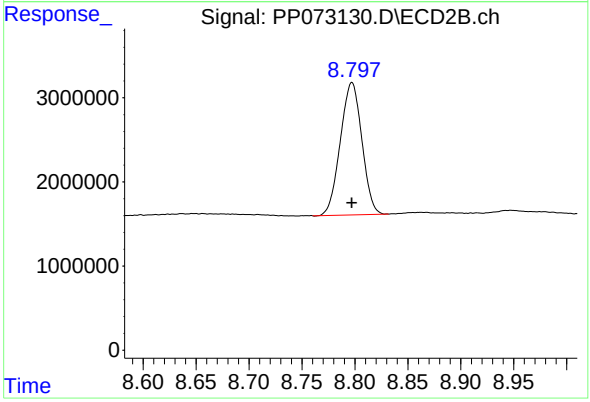
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.001 min
Response: 38113741
Conc: 21.15 ng/ml



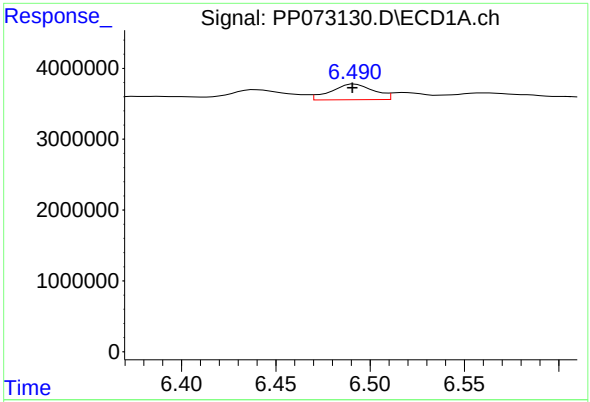
#2 Decachlorobiphenyl

R.T.: 10.186 min
Delta R.T.: -0.001 min
Response: 32541033
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

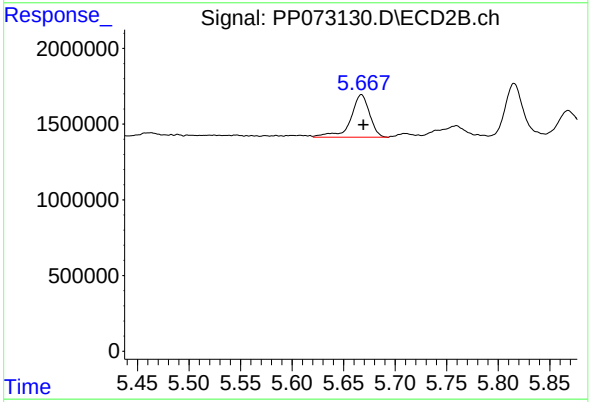
R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 22312308
Conc: 16.72 ng/ml



#26 AR-1254-1

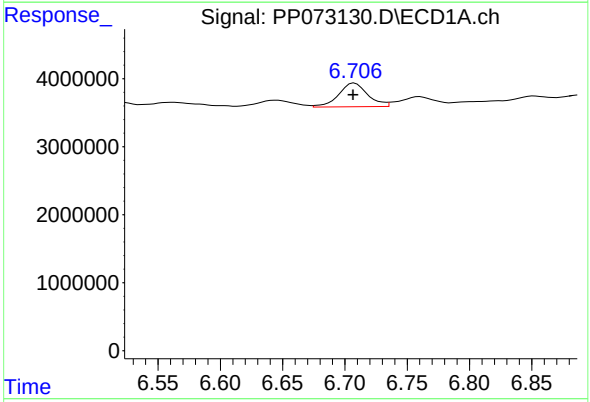
R.T.: 6.492 min
Delta R.T.: 0.001 min
Response: 3498873
Conc: 41.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1B



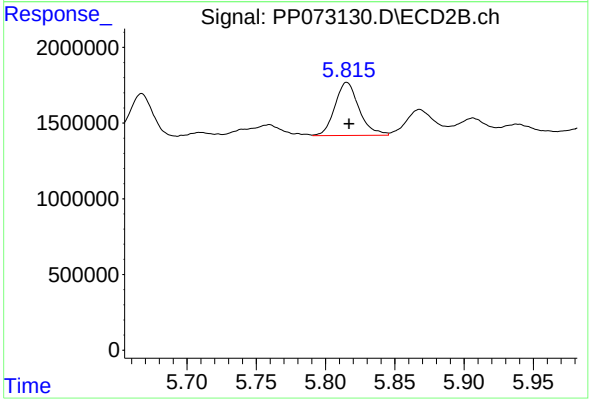
#26 AR-1254-1

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 3600583
Conc: 32.84 ng/ml



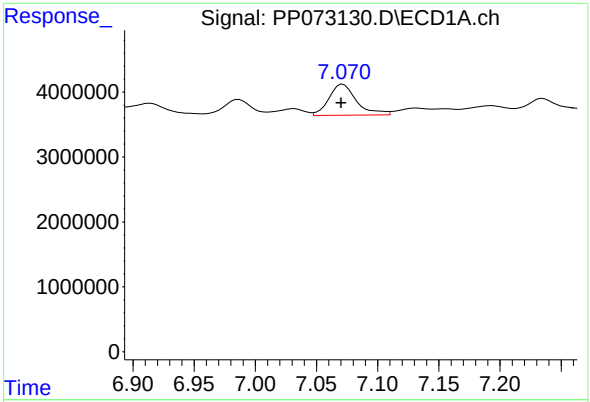
#27 AR-1254-2

R.T.: 6.708 min
Delta R.T.: 0.001 min
Response: 5663557
Conc: 45.16 ng/ml



#27 AR-1254-2

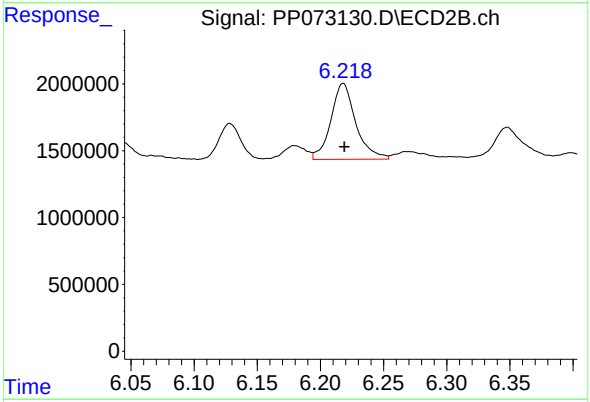
R.T.: 5.815 min
Delta R.T.: -0.001 min
Response: 4251937
Conc: 44.97 ng/ml



#28 AR-1254-3

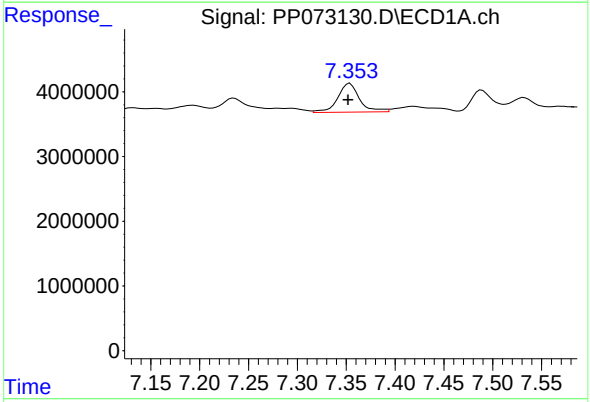
R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 7517886
Conc: 57.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1B



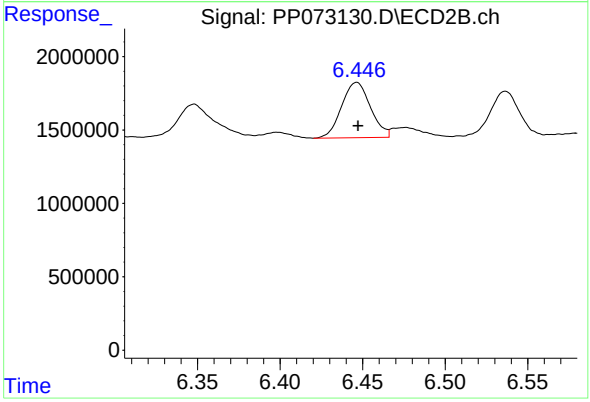
#28 AR-1254-3

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 7805589
Conc: 52.90 ng/ml



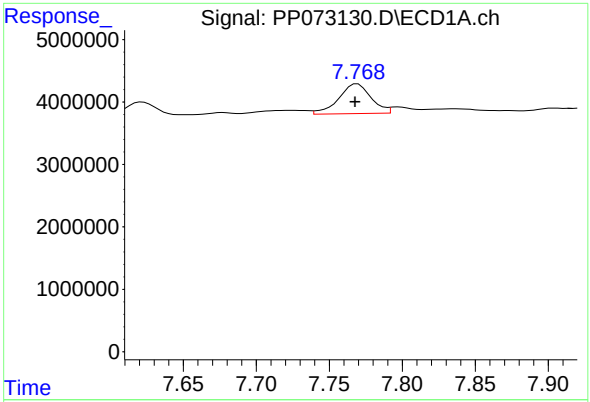
#29 AR-1254-4

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 6895591
Conc: 57.57 ng/ml



#29 AR-1254-4

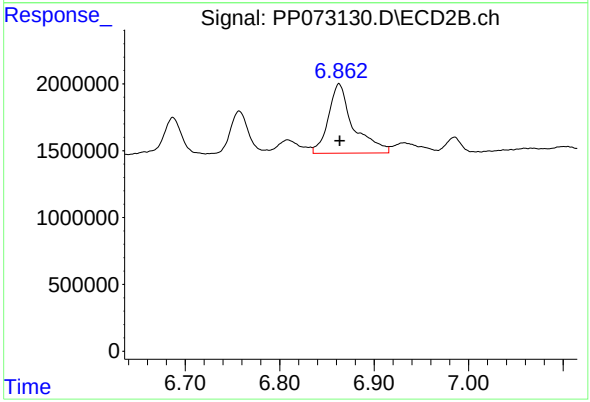
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 4587163
Conc: 47.24 ng/ml



#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 7318176
Conc: 64.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV1B



#30 AR-1254-5

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 9486356
Conc: 72.99 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 14:18
Operator : YP\AJ
Sample : Q2364-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
GAV2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 16:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.493	3.787	43553332	37101880	20.634	20.592
2)	SA Decachlor...	10.187	8.796	34709659	26099982	20.311	19.555
	Target Compounds						

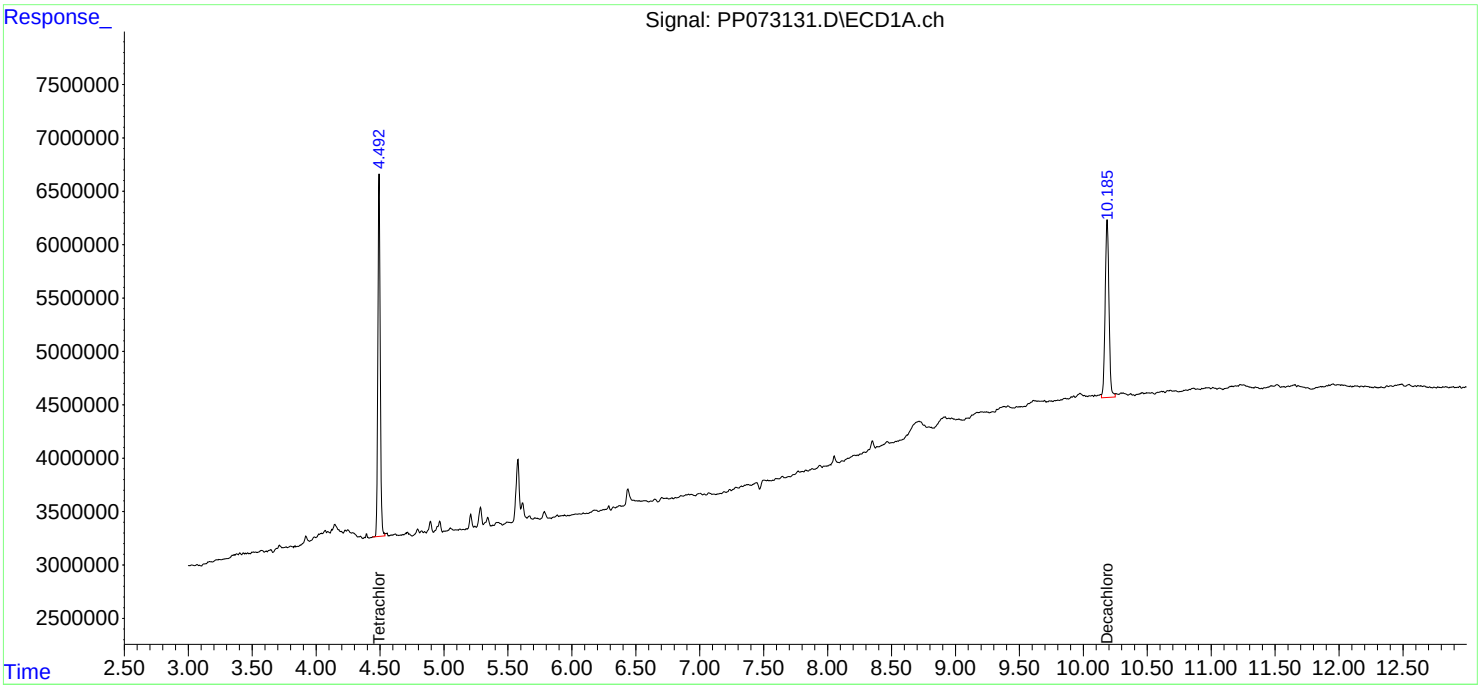
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

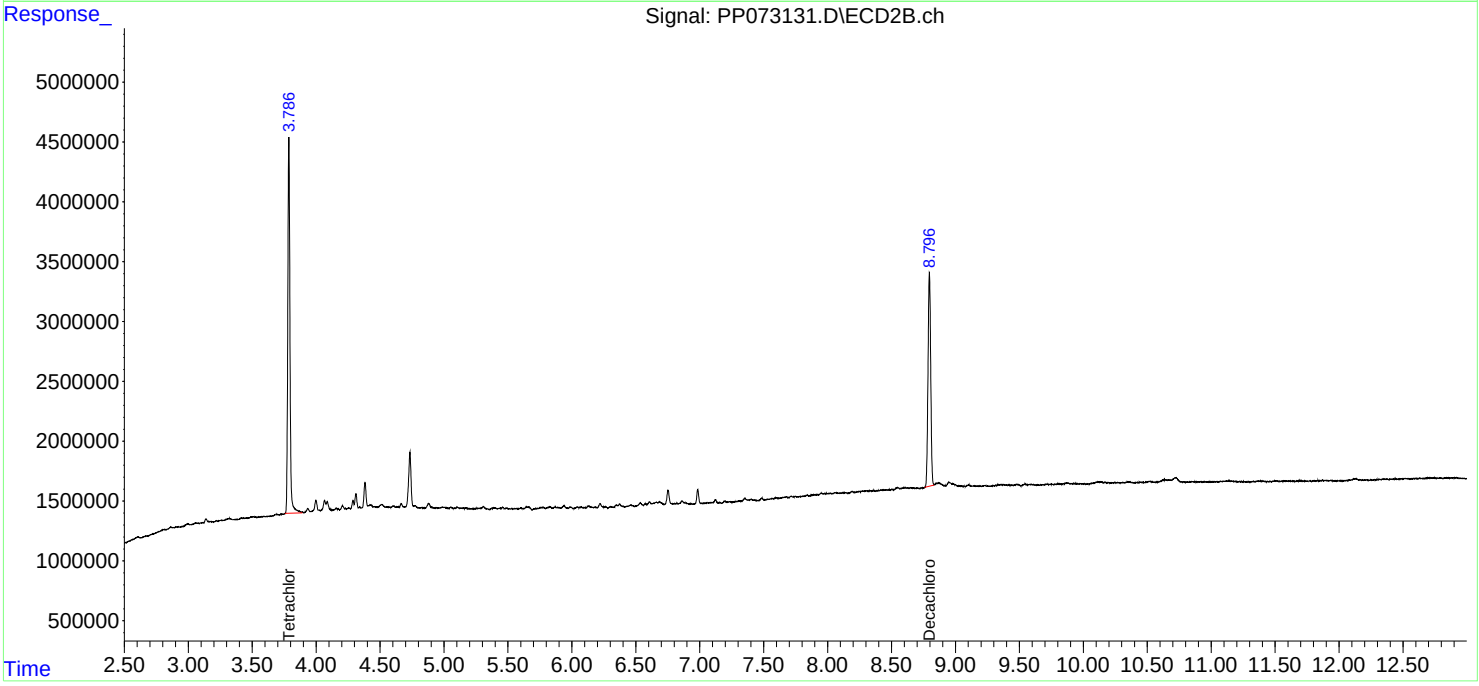
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 14:18
Operator : YP\AJ
Sample : Q2364-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

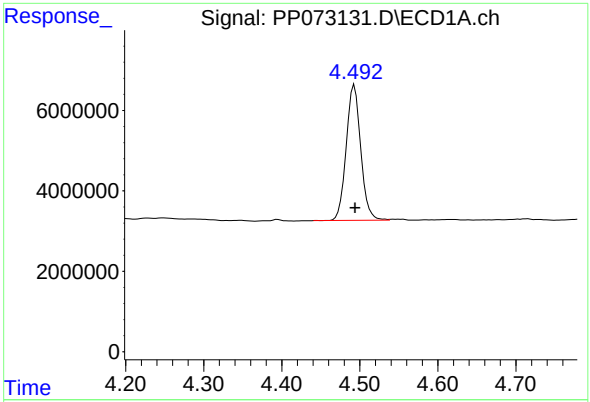
Instrument :
ECD_P
ClientSampleId :
GAV2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 16:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



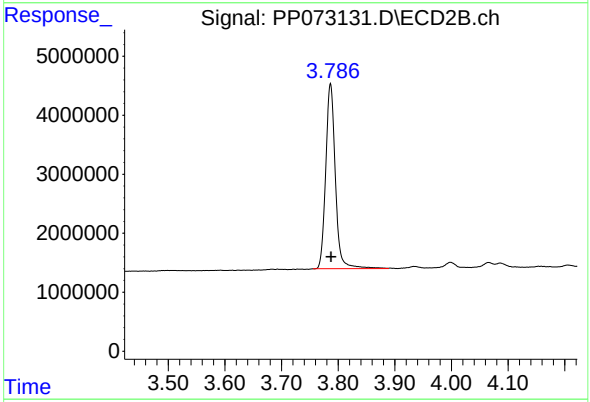




#1 Tetrachloro-m-xylene

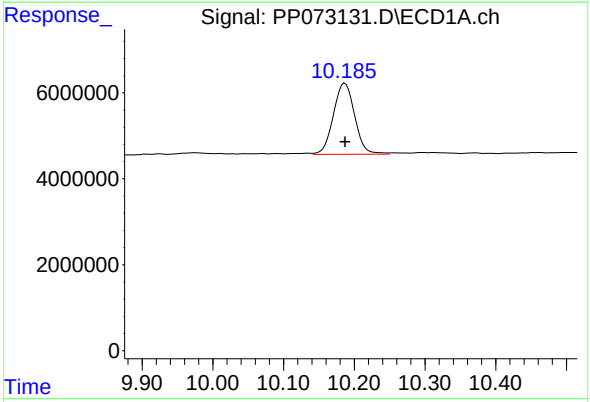
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 43553332
Conc: 20.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV2A



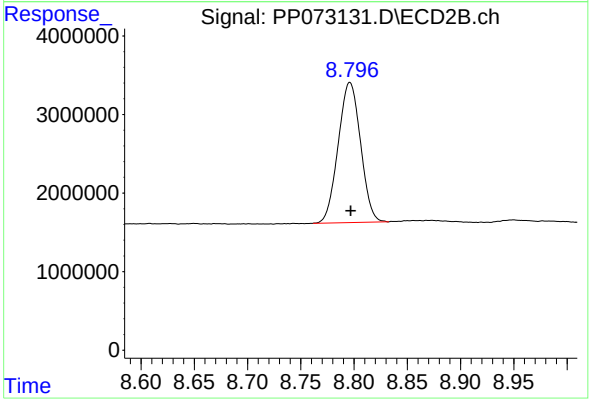
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.001 min
Response: 37101880
Conc: 20.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 34709659
Conc: 20.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 26099982
Conc: 19.55 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 17:34
Operator : YP\AJ
Sample : Q2364-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
GAV2B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.494	3.786	42230854	35558011	20.007	19.735
2)	SA Decachlor...	10.187	8.795	32525814	25229887	19.033	18.903
	Target Compounds						

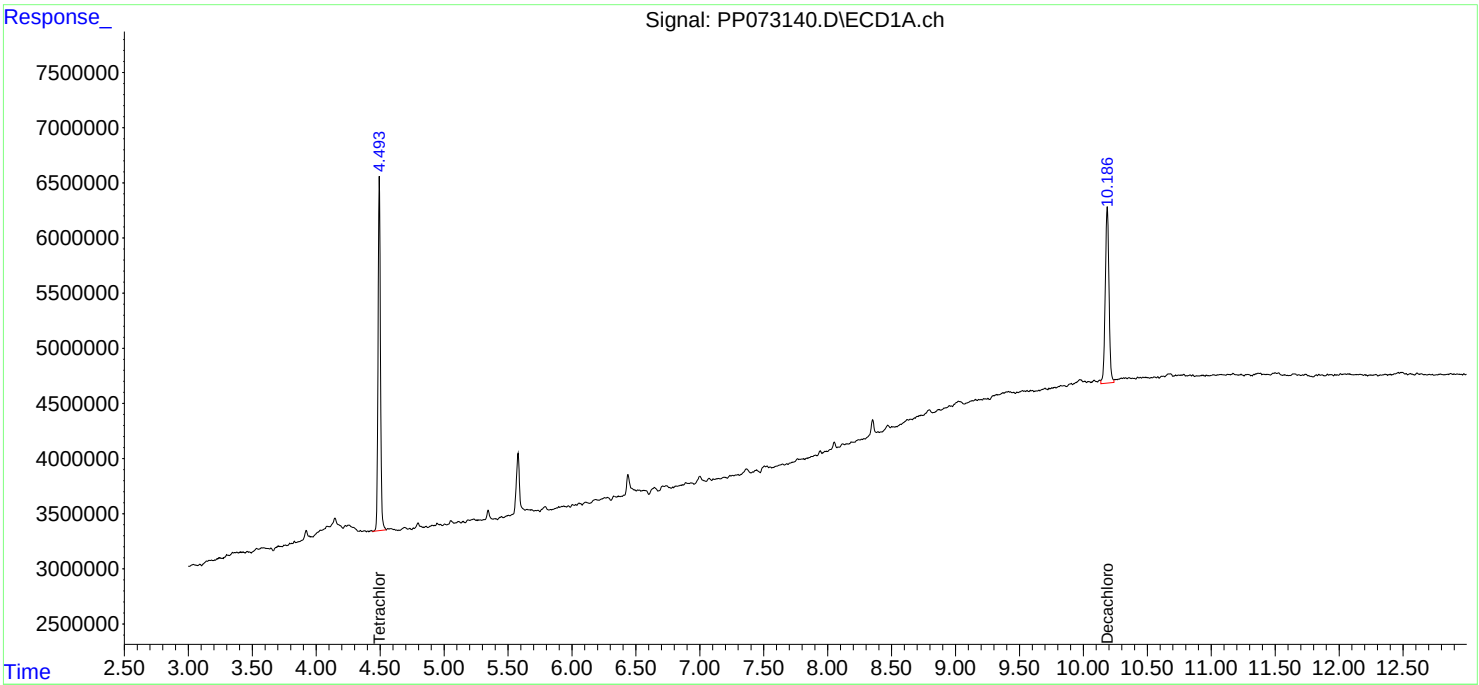
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

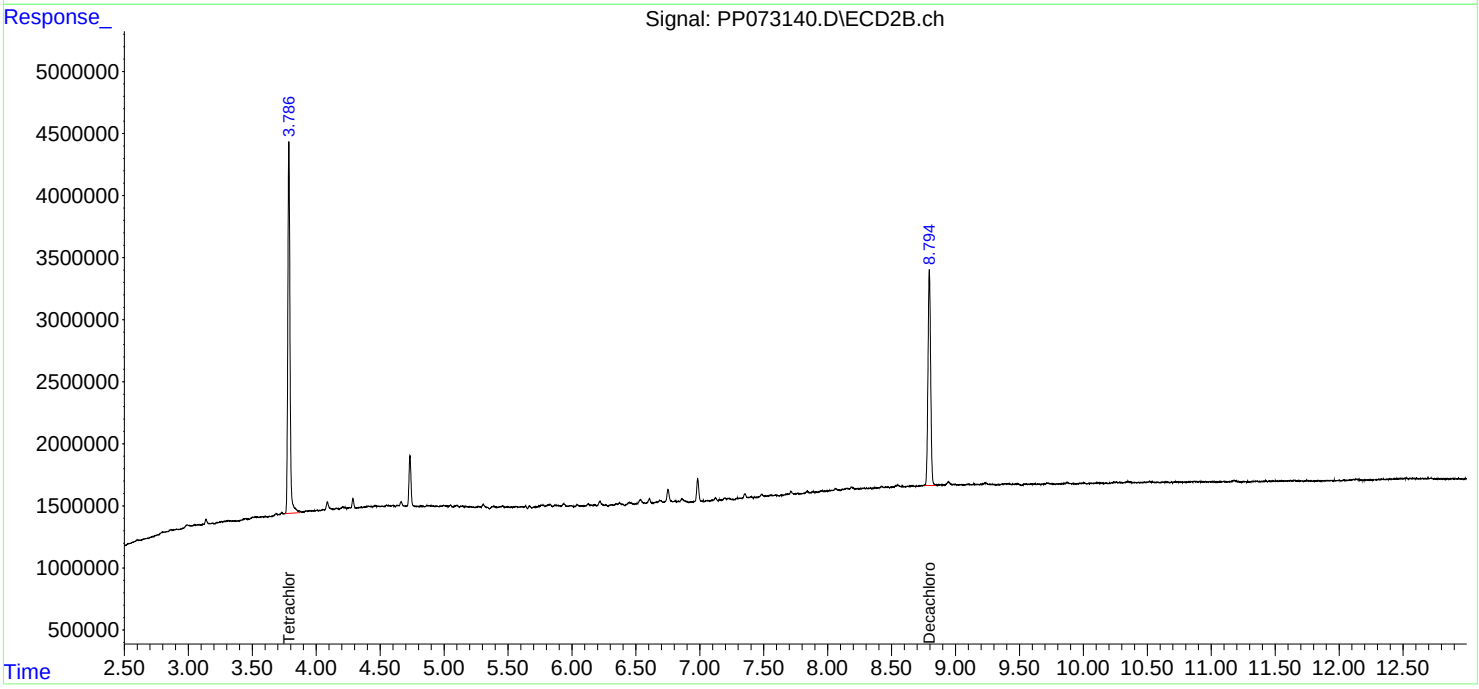
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 17:34
Operator : YP\AJ
Sample : Q2364-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

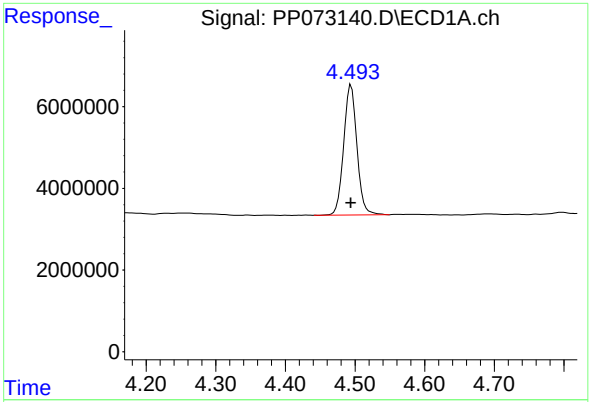
Instrument :
ECD_P
ClientSampleId :
GAV2B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



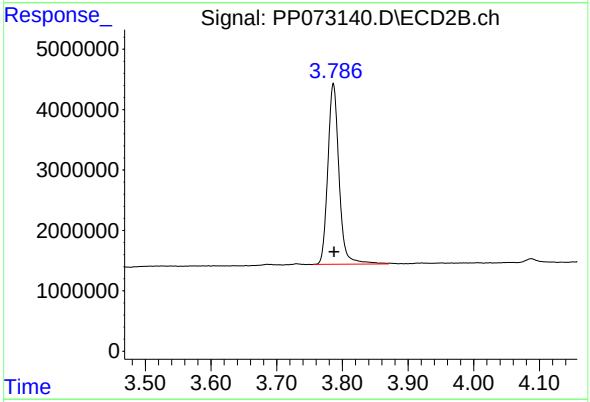




#1 Tetrachloro-m-xylene

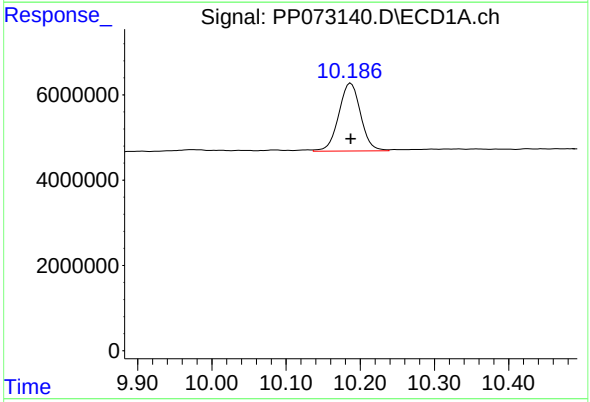
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 42230854
Conc: 20.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
GAV2B



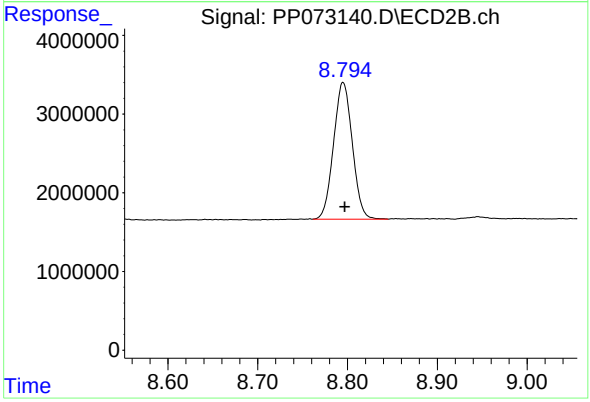
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.001 min
Response: 35558011
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 32525814
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.795 min
Delta R.T.: -0.002 min
Response: 25229887
Conc: 18.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:08
Operator : YP\AJ
Sample : PB168558BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168558BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.491	3.786	42684107	36974050	20.222	20.521
2)	SA Decachlor...	10.187	8.796	39073203	29888694	22.865	22.393
	Target Compounds						

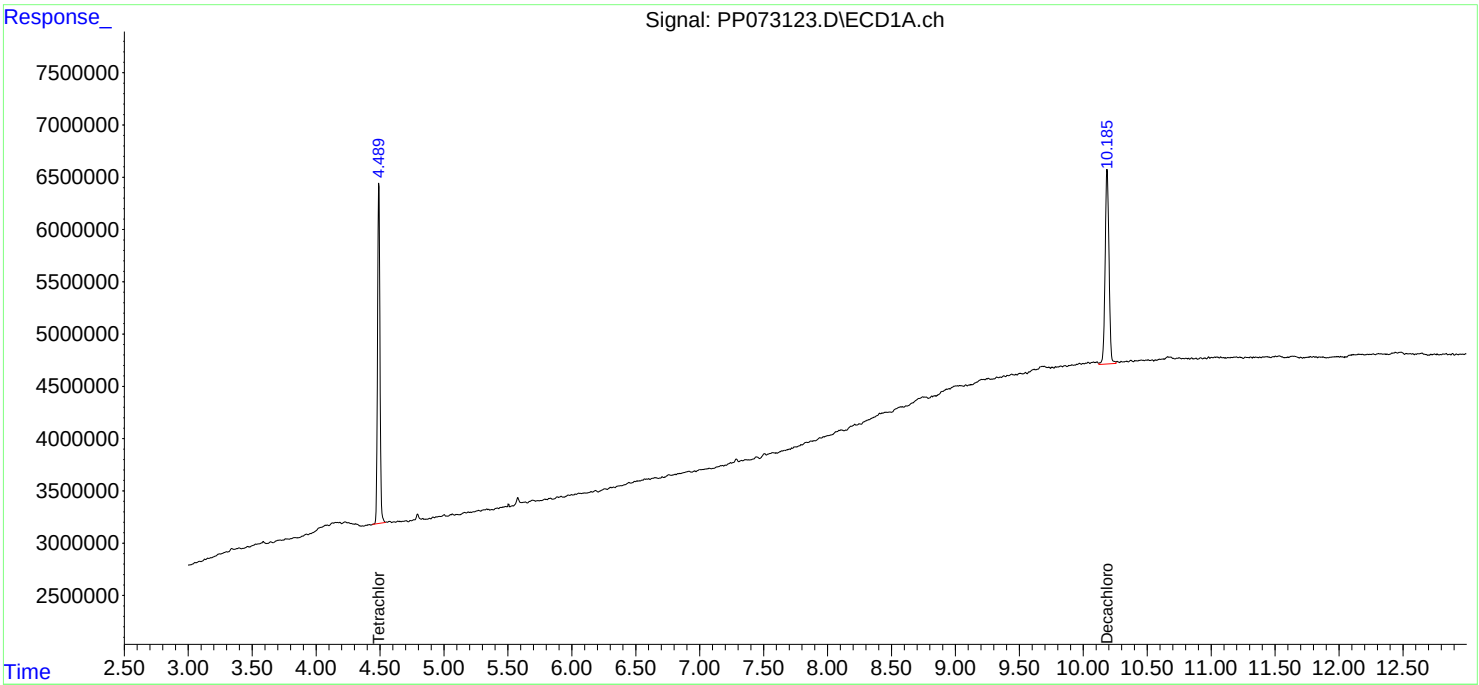
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

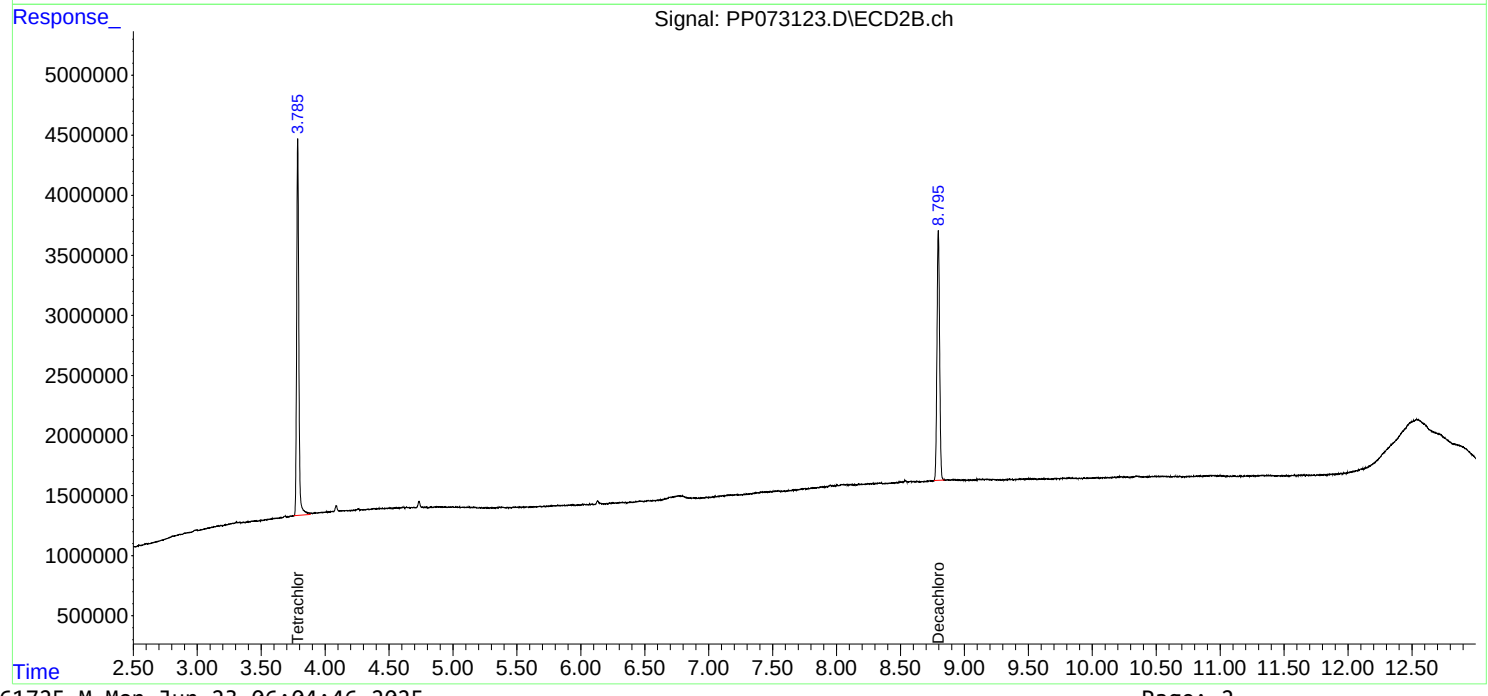
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:08
Operator : YP\AJ
Sample : PB168558BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

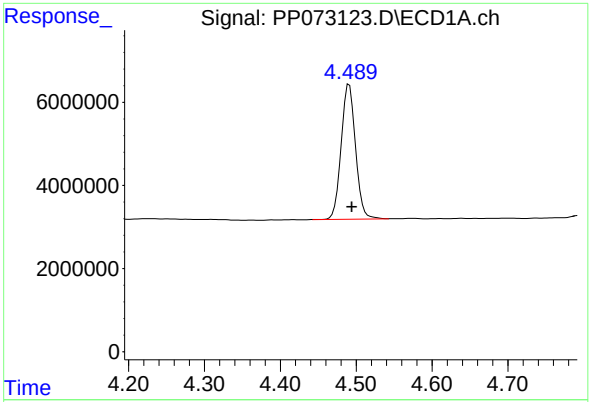
Instrument :
ECD_P
ClientSampleId :
PB168558BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



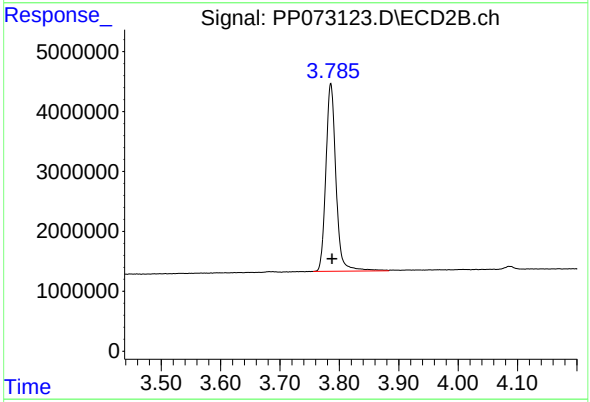




#1 Tetrachloro-m-xylene

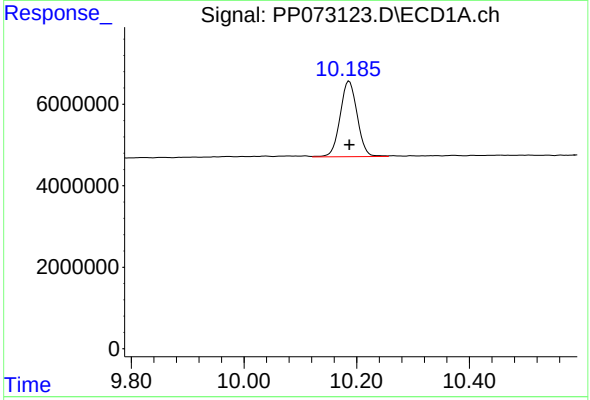
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 42684107
Conc: 20.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168558BL



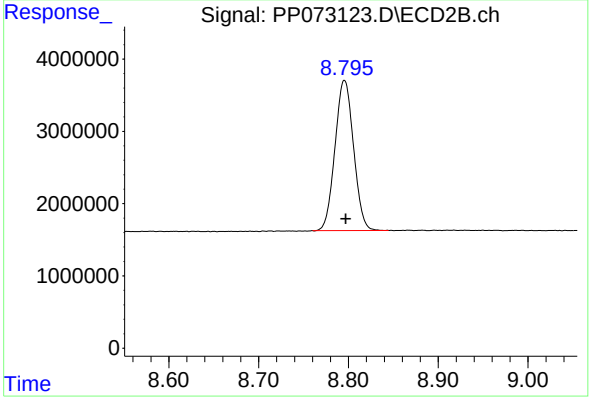
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 36974050
Conc: 20.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 39073203
Conc: 22.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: -0.001 min
Response: 29888694
Conc: 22.39 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:24
Operator : YP\AJ
Sample : PB168558BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168558BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:05:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.491	3.785	43125850	34340090	20.431	19.059
2)	SA Decachlor...	10.184	8.795	37980559	28439519	22.225	21.308
	Target Compounds						
3)	L1 AR-1016-1	5.643	4.865	33284202	30391192	458.009	442.262
4)	L1 AR-1016-2	5.664	4.882	51111983	45988672	491.364	456.969
5)	L1 AR-1016-3	5.727	5.059	31767720	24827082	486.129	453.743
6)	L1 AR-1016-4	5.823	5.101	26376104	19956224	504.508	447.955
7)	L1 AR-1016-5	6.116	5.315	23357508	24989193	467.103	452.029
31)	L7 AR-1260-1	7.233	6.345	45703286	44469797	518.099	469.434
32)	L7 AR-1260-2	7.487	6.534	69022350	53296358	507.952	457.730
33)	L7 AR-1260-3	7.845	6.686	49506846	48659710	433.692	467.158
34)	L7 AR-1260-4	8.068	7.156	49739020	36817563	482.690	419.628
35)	L7 AR-1260-5	8.387	7.398	108.9E6	87271072	452.630	408.955

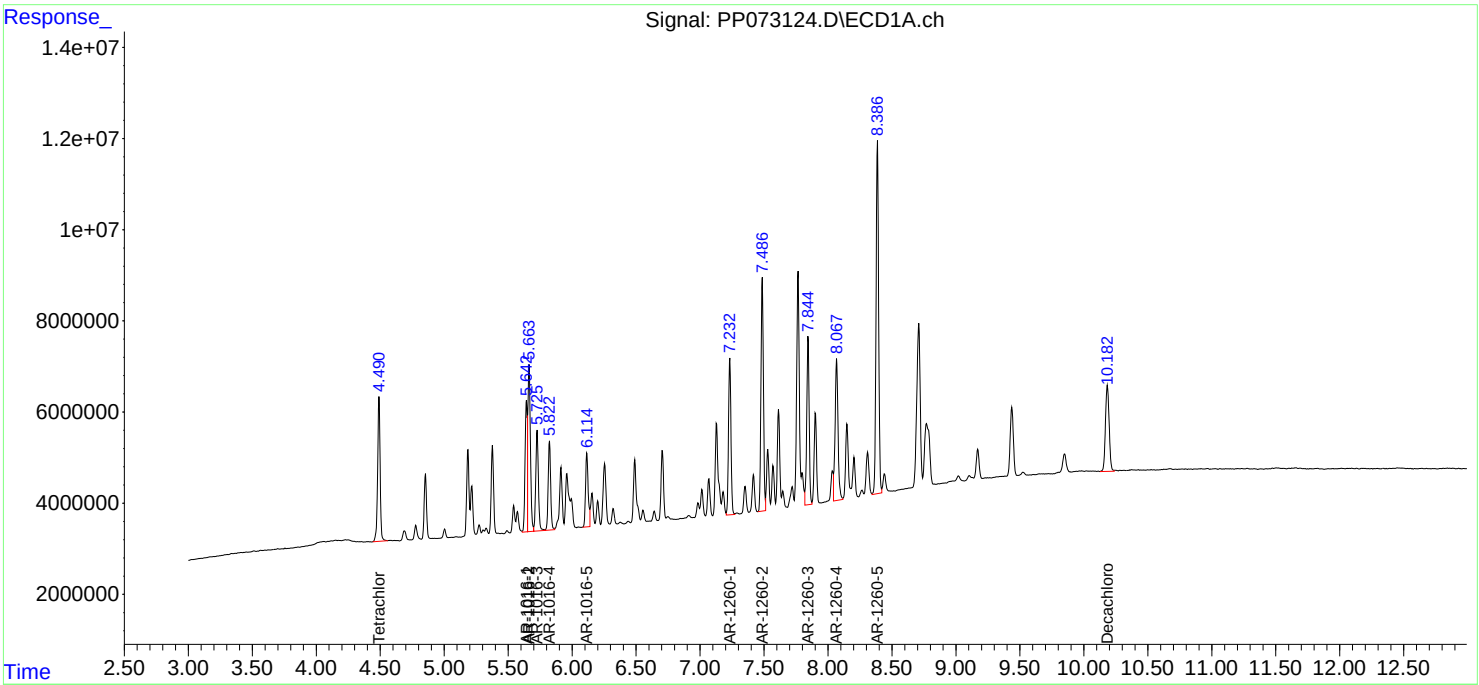
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

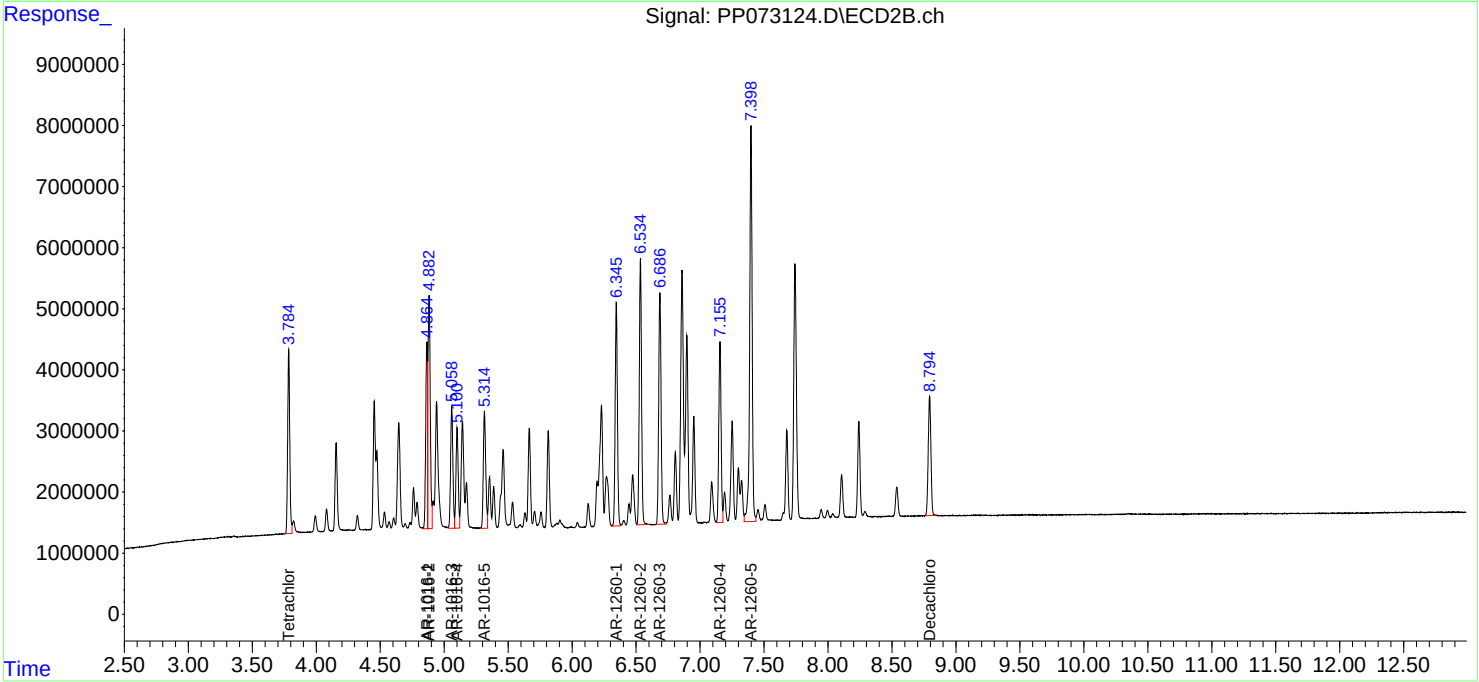
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:24
Operator : YP\AJ
Sample : PB168558BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168558BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:05:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:56
Operator : YP\AJ
Sample : Q2362-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-11MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.784	45598247	35993439	21.602	19.976
2)	SA Decachlor...	10.182	8.794	37220882	28092225	21.781	21.047
	Target Compounds						
3)	L1 AR-1016-1	5.640	4.864	32505323	29315028	447.291	426.601
4)	L1 AR-1016-2	5.662	4.882	48896229	44559986	470.063	442.773
5)	L1 AR-1016-3	5.724	5.059	30295533	23958078	463.600	437.861
6)	L1 AR-1016-4	5.822	5.100	25619784	19216102	490.041	431.342
7)	L1 AR-1016-5	6.114	5.314	22212904	24275526	444.213	439.119
31)	L7 AR-1260-1	7.231	6.345	42396759	42584724	480.616	449.535
32)	L7 AR-1260-2	7.484	6.534	62280816	50384415	458.339	432.721
33)	L7 AR-1260-3	7.842	6.686	44213823	46327306	387.323	444.766
34)	L7 AR-1260-4	8.066	7.156	44219653	33758122	429.127	384.758
35)	L7 AR-1260-5	8.384	7.398	96683130	79326721	401.804	371.727

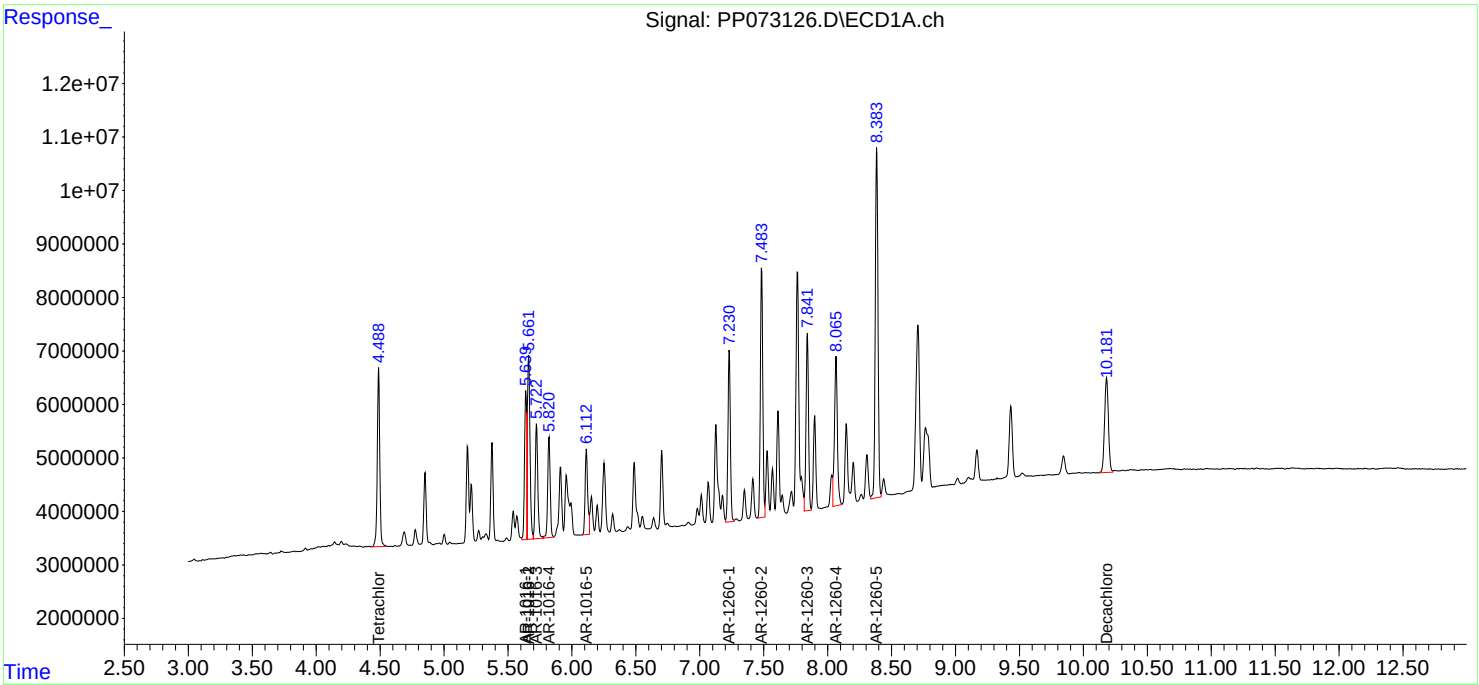
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

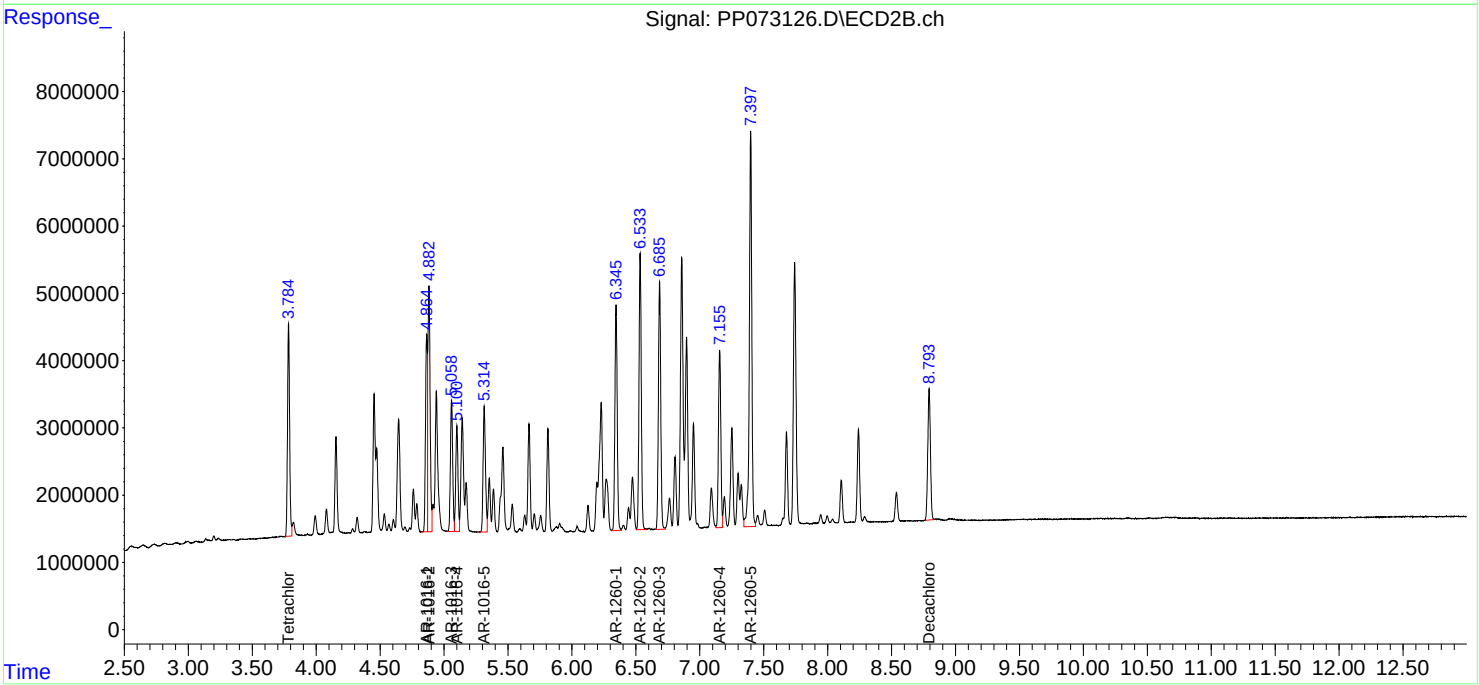
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 12:56
Operator : YP\AJ
Sample : Q2362-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-11MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 13:13
Operator : YP\AJ
Sample : Q2362-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-11MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:09:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.492	3.786	40451919	31551302	19.164	17.511
2)	SA Decachlor...	10.185	8.795	35269702	26641472	20.639	19.960
	Target Compounds						
3)	L1 AR-1016-1	5.643	4.866	32880227	30392086	452.450	442.275
4)	L1 AR-1016-2	5.666	4.884	50534936	44759448	485.816	444.755
5)	L1 AR-1016-3	5.727	5.061	30987041	24508115	474.182	447.913
6)	L1 AR-1016-4	5.825	5.103	26075307	19605724	498.754	440.087
7)	L1 AR-1016-5	6.117	5.316	22886185	24695108	457.677	446.709
31)	L7 AR-1260-1	7.234	6.347	44314389	43804961	502.355	462.416
32)	L7 AR-1260-2	7.488	6.536	65850309	52422278	484.608	450.223
33)	L7 AR-1260-3	7.846	6.687	47038816	48199228	412.071	462.738
34)	L7 AR-1260-4	8.070	7.158	47378593	35668430	459.783	406.531
35)	L7 AR-1260-5	8.388	7.400	101.0E6	85274852	419.780	399.600

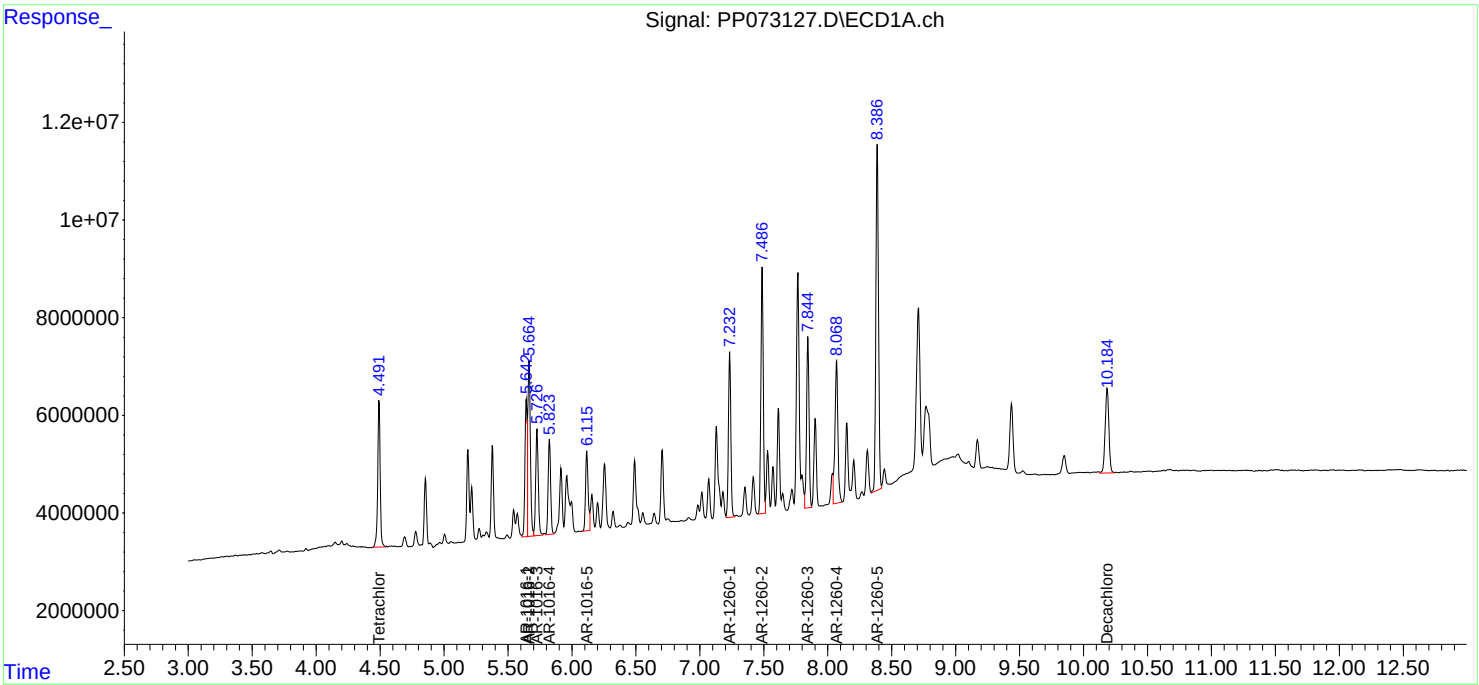
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

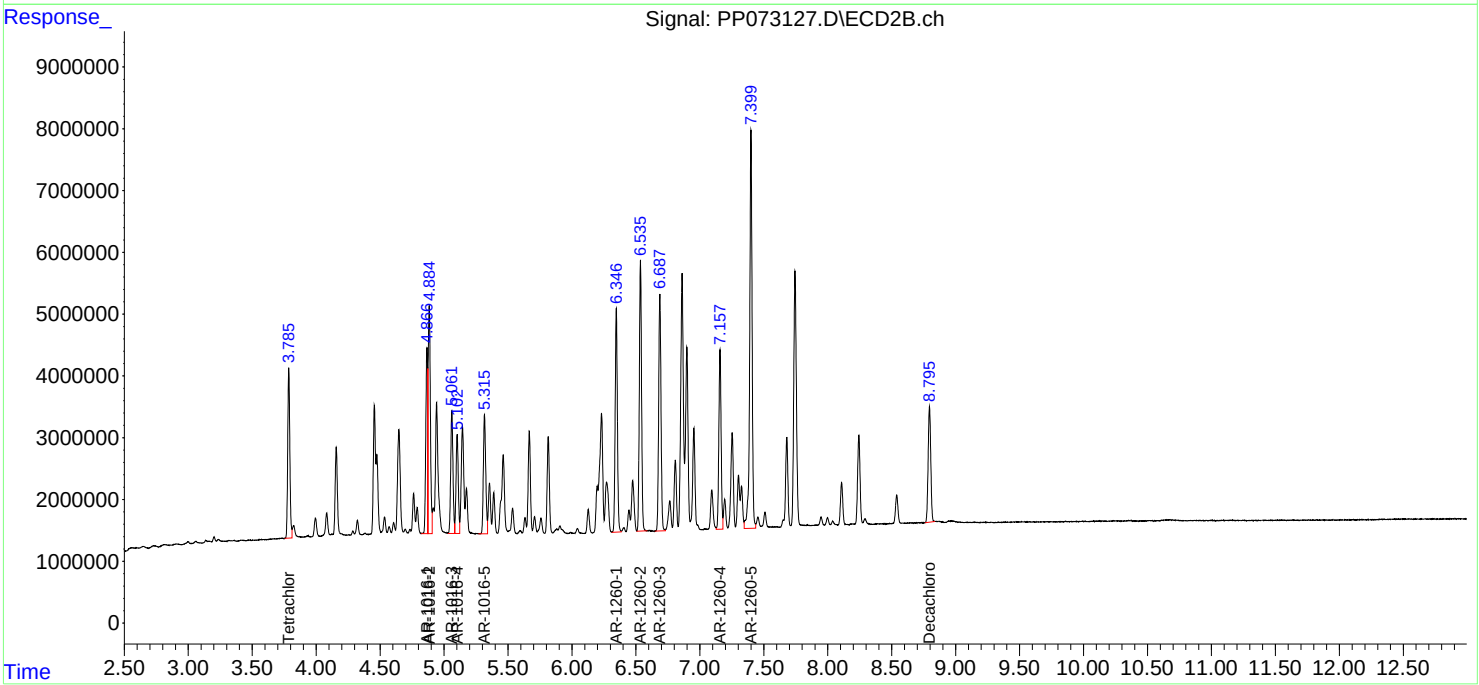
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062025\
Data File : PP073127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 13:13
Operator : YP\AJ
Sample : Q2362-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-11MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 14:09:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pp061725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP072994.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:19 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-1	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-2	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-3	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-4	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-5	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-4	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pp061725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP073002.D	AR-1242-4 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-5	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1268ICC050	PP073018.D	AR-1268-1	yogesh	6/18/2025 8:42:25 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PP062025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2364-01	PP073129.D	AR-1254-1	yogesh	6/23/2025 8:11:33 AM	mohammad	6/24/2025 3:32:32	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072989.D	17 Jun 2025 09:31	YP\AJ	Ok
2	I.BLK	PP072990.D	17 Jun 2025 09:47	YP\AJ	Ok
3	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04	YP\AJ	Ok
4	AR1660ICC750	PP072992.D	17 Jun 2025 10:20	YP\AJ	Ok
5	AR1660ICC500	PP072993.D	17 Jun 2025 10:37	YP\AJ	Ok
6	AR1660ICC250	PP072994.D	17 Jun 2025 10:53	YP\AJ	Ok,M
7	AR1660ICC050	PP072995.D	17 Jun 2025 11:43	YP\AJ	Ok,M
8	AR1221ICC500	PP072996.D	17 Jun 2025 12:00	YP\AJ	Ok
9	AR1232ICC500	PP072997.D	17 Jun 2025 12:16	YP\AJ	Ok
10	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27	YP\AJ	Ok
11	AR1242ICC750	PP072999.D	17 Jun 2025 14:43	YP\AJ	Ok
12	AR1242ICC500	PP073000.D	17 Jun 2025 15:00	YP\AJ	Ok
13	AR1242ICC250	PP073001.D	17 Jun 2025 15:16	YP\AJ	Ok
14	AR1242ICC050	PP073002.D	17 Jun 2025 15:32	YP\AJ	Ok,M
15	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49	YP\AJ	Ok
16	AR1248ICC750	PP073004.D	17 Jun 2025 16:21	YP\AJ	Ok
17	AR1248ICC500	PP073005.D	17 Jun 2025 16:37	YP\AJ	Ok
18	AR1248ICC250	PP073006.D	17 Jun 2025 16:54	YP\AJ	Ok
19	AR1248ICC050	PP073007.D	17 Jun 2025 17:10	YP\AJ	Ok
20	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26	YP\AJ	Ok
21	AR1254ICC750	PP073009.D	17 Jun 2025 17:43	YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP073010.D	17 Jun 2025 17:59	YP\AJ	Ok
23	AR1254ICC250	PP073011.D	17 Jun 2025 18:15	YP\AJ	Ok
24	AR1254ICC050	PP073012.D	17 Jun 2025 18:32	YP\AJ	Ok
25	AR1262ICC500	PP073013.D	17 Jun 2025 18:48	YP\AJ	Ok
26	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04	YP\AJ	Ok
27	AR1268ICC750	PP073015.D	17 Jun 2025 19:21	YP\AJ	Ok
28	AR1268ICC500	PP073016.D	17 Jun 2025 19:37	YP\AJ	Ok
29	AR1268ICC250	PP073017.D	17 Jun 2025 19:53	YP\AJ	Ok
30	AR1268ICC050	PP073018.D	17 Jun 2025 20:10	YP\AJ	Ok,M
31	PP061725ICV500	PP073019.D	17 Jun 2025 20:26	YP\AJ	Ok
32	AR1242ICV500	PP073020.D	17 Jun 2025 20:59	YP\AJ	Ok
33	AR1248ICV500	PP073021.D	17 Jun 2025 21:31	YP\AJ	Ok
34	AR1254ICV500	PP073022.D	17 Jun 2025 22:04	YP\AJ	Ok
35	AR1268ICV500	PP073023.D	17 Jun 2025 22:37	YP\AJ	Ok
36	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062025

Review By	yogesh	Review On	6/20/2025 10:26:46 AM		
Supervise By	mohammad	Supervise On	6/24/2025 3:32:32 AM		
SubDirectory	PP062025	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073116.D	20 Jun 2025 09:00	YP\AJ	Ok
2	AR1660CCC500	PP073117.D	20 Jun 2025 09:16	YP\AJ	Ok
3	AR1242CCC500	PP073118.D	20 Jun 2025 09:33	YP\AJ	Ok
4	AR1248CCC500	PP073119.D	20 Jun 2025 09:50	YP\AJ	Ok
5	AR1254CCC500	PP073120.D	20 Jun 2025 10:06	YP\AJ	Ok
6	I.BLK	PP073121.D	20 Jun 2025 10:22	YP\AJ	Ok
7	Q2355-03	PP073122.D	20 Jun 2025 10:39	YP\AJ	Ok,M
8	PB168558BL	PP073123.D	20 Jun 2025 12:08	YP\AJ	Ok
9	PB168558BS	PP073124.D	20 Jun 2025 12:24	YP\AJ	Ok
10	Q2362-01	PP073125.D	20 Jun 2025 12:40	YP\AJ	Ok
11	Q2362-01MS	PP073126.D	20 Jun 2025 12:56	YP\AJ	Ok
12	Q2362-01MSD	PP073127.D	20 Jun 2025 13:13	YP\AJ	Ok
13	Q2362-05	PP073128.D	20 Jun 2025 13:29	YP\AJ	Ok
14	Q2364-01	PP073129.D	20 Jun 2025 13:45	YP\AJ	Ok,M
15	Q2364-02	PP073130.D	20 Jun 2025 14:01	YP\AJ	Ok
16	Q2364-03	PP073131.D	20 Jun 2025 14:18	YP\AJ	Ok
17	AR1660CCC500	PP073132.D	20 Jun 2025 15:23	YP\AJ	Ok
18	AR1242CCC500	PP073133.D	20 Jun 2025 15:40	YP\AJ	Ok
19	AR1248CCC500	PP073134.D	20 Jun 2025 15:56	YP\AJ	Ok
20	AR1254CCC500	PP073135.D	20 Jun 2025 16:12	YP\AJ	Ok
21	I.BLK	PP073136.D	20 Jun 2025 16:29	YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062025

Review By	yogesh	Review On	6/20/2025 10:26:46 AM		
Supervise By	mohammad	Supervise On	6/24/2025 3:32:32 AM		
SubDirectory	PP062025	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168562BL	PP073137.D	20 Jun 2025 16:45	YP\AJ	Ok
23	PB168562BS	PP073138.D	20 Jun 2025 17:01	YP\AJ	Ok
24	PB168562BSD	PP073139.D	20 Jun 2025 17:18	YP\AJ	Ok
25	Q2364-04	PP073140.D	20 Jun 2025 17:34	YP\AJ	Ok
26	Q2367-01	PP073141.D	20 Jun 2025 17:50	YP\AJ	Ok
27	Q2367-05	PP073142.D	20 Jun 2025 18:07	YP\AJ	Ok
28	Q2351-01	PP073143.D	20 Jun 2025 18:23	YP\AJ	Ok
29	Q2352-01	PP073144.D	20 Jun 2025 18:39	YP\AJ	Ok,M
30	Q2354-04	PP073145.D	20 Jun 2025 18:56	YP\AJ	Ok,M
31	Q2354-05	PP073146.D	20 Jun 2025 19:12	YP\AJ	Ok,M
32	AR1660CCC500	PP073147.D	20 Jun 2025 20:33	YP\AJ	Ok
33	AR1242CCC500	PP073148.D	20 Jun 2025 21:06	YP\AJ	Ok
34	AR1248CCC500	PP073149.D	20 Jun 2025 21:23	YP\AJ	Ok
35	AR1254CCC500	PP073150.D	20 Jun 2025 21:39	YP\AJ	Ok
36	I.BLK	PP073151.D	20 Jun 2025 21:55	YP\AJ	Ok
37	DDT ANALOGUE	PP073152.D	20 Jun 2025 22:12	YP\AJ	Ok
38	Q2355-05	PP073153.D	20 Jun 2025 22:28	YP\AJ	Ok
39	AR1660CCC500	PP073154.D	20 Jun 2025 23:50	YP\AJ	Ok
40	AR1242CCC500	PP073155.D	21 Jun 2025 00:22	YP\AJ	Ok
41	AR1248CCC500	PP073156.D	21 Jun 2025 00:39	YP\AJ	Ok
42	AR1254CCC500	PP073157.D	21 Jun 2025 00:55	YP\AJ	Ok
43	I.BLK	PP073158.D	21 Jun 2025 01:11	YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072989.D	17 Jun 2025 09:31		YP\AJ	Ok
2	I.BLK	I.BLK	PP072990.D	17 Jun 2025 09:47		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072992.D	17 Jun 2025 10:20		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072993.D	17 Jun 2025 10:37		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072994.D	17 Jun 2025 10:53		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP072995.D	17 Jun 2025 11:43		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072996.D	17 Jun 2025 12:00		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP072997.D	17 Jun 2025 12:16		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP072999.D	17 Jun 2025 14:43		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073000.D	17 Jun 2025 15:00		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073001.D	17 Jun 2025 15:16		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073002.D	17 Jun 2025 15:32		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073004.D	17 Jun 2025 16:21		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073005.D	17 Jun 2025 16:37		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073006.D	17 Jun 2025 16:54		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP073007.D	17 Jun 2025 17:10		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073009.D	17 Jun 2025 17:43		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073010.D	17 Jun 2025 17:59		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073011.D	17 Jun 2025 18:15		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073012.D	17 Jun 2025 18:32		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PP073013.D	17 Jun 2025 18:48		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073015.D	17 Jun 2025 19:21		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073016.D	17 Jun 2025 19:37		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073017.D	17 Jun 2025 19:53		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP073018.D	17 Jun 2025 20:10		YP\AJ	Ok,M
31	PP061725ICV500	ICVPP061725	PP073019.D	17 Jun 2025 20:26		YP\AJ	Ok
32	AR1242ICV500	ICVPP061725AR1242	PP073020.D	17 Jun 2025 20:59		YP\AJ	Ok
33	AR1248ICV500	ICVPP061725AR1248	PP073021.D	17 Jun 2025 21:31		YP\AJ	Ok
34	AR1254ICV500	ICVPP061725AR1254	PP073022.D	17 Jun 2025 22:04		YP\AJ	Ok
35	AR1268ICV500	ICVPP061725AR1268	PP073023.D	17 Jun 2025 22:37		YP\AJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062025

Review By	yogesh	Review On	6/20/2025 10:26:46 AM		
Supervise By	mohammad	Supervise On	6/24/2025 3:32:32 AM		
SubDirectory	PP062025	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073116.D	20 Jun 2025 09:00		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073117.D	20 Jun 2025 09:16		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073118.D	20 Jun 2025 09:33		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073119.D	20 Jun 2025 09:50		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073120.D	20 Jun 2025 10:06		YP\AJ	Ok
6	I.BLK	I.BLK	PP073121.D	20 Jun 2025 10:22		YP\AJ	Ok
7	Q2355-03	20071	PP073122.D	20 Jun 2025 10:39		YP\AJ	Ok,M
8	PB168558BL	PB168558BL	PP073123.D	20 Jun 2025 12:08		YP\AJ	Ok
9	PB168558BS	PB168558BS	PP073124.D	20 Jun 2025 12:24		YP\AJ	Ok
10	Q2362-01	TP-11	PP073125.D	20 Jun 2025 12:40		YP\AJ	Ok
11	Q2362-01MS	TP-11MS	PP073126.D	20 Jun 2025 12:56		YP\AJ	Ok
12	Q2362-01MSD	TP-11MSD	PP073127.D	20 Jun 2025 13:13		YP\AJ	Ok
13	Q2362-05	EP-6	PP073128.D	20 Jun 2025 13:29		YP\AJ	Ok
14	Q2364-01	GAV1A	PP073129.D	20 Jun 2025 13:45	AR1254 Hit	YP\AJ	Ok,M
15	Q2364-02	GAV1B	PP073130.D	20 Jun 2025 14:01	AR1254 Hit	YP\AJ	Ok
16	Q2364-03	GAV2A	PP073131.D	20 Jun 2025 14:18		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP073132.D	20 Jun 2025 15:23		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP073133.D	20 Jun 2025 15:40		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062025

Review By	yogesh	Review On	6/20/2025 10:26:46 AM		
Supervise By	mohammad	Supervise On	6/24/2025 3:32:32 AM		
SubDirectory	PP062025	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP073134.D	20 Jun 2025 15:56		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073135.D	20 Jun 2025 16:12		YP\AJ	Ok
21	I.BLK	I.BLK	PP073136.D	20 Jun 2025 16:29		YP\AJ	Ok
22	PB168562BL	PB168562BL	PP073137.D	20 Jun 2025 16:45		YP\AJ	Ok
23	PB168562BS	PB168562BS	PP073138.D	20 Jun 2025 17:01		YP\AJ	Ok
24	PB168562BSD	PB168562BSD	PP073139.D	20 Jun 2025 17:18		YP\AJ	Ok
25	Q2364-04	GAV2B	PP073140.D	20 Jun 2025 17:34		YP\AJ	Ok
26	Q2367-01	EP-4	PP073141.D	20 Jun 2025 17:50		YP\AJ	Ok
27	Q2367-05	EP-5	PP073142.D	20 Jun 2025 18:07		YP\AJ	Ok
28	Q2351-01	FAIRLAWN-SUMP	PP073143.D	20 Jun 2025 18:23		YP\AJ	Ok
29	Q2352-01	292	PP073144.D	20 Jun 2025 18:39		YP\AJ	Ok,M
30	Q2354-04	3310	PP073145.D	20 Jun 2025 18:56	AR1260 Hit	YP\AJ	Ok,M
31	Q2354-05	3311	PP073146.D	20 Jun 2025 19:12	AR1260 Hit	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP073147.D	20 Jun 2025 20:33		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP073148.D	20 Jun 2025 21:06		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP073149.D	20 Jun 2025 21:23		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073150.D	20 Jun 2025 21:39		YP\AJ	Ok
36	I.BLK	I.BLK	PP073151.D	20 Jun 2025 21:55		YP\AJ	Ok
37	DDT ANALOGUE	DDT ANALOGUE	PP073152.D	20 Jun 2025 22:12		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062025

Review By	yogesh	Review On	6/20/2025 10:26:46 AM		
Supervise By	mohammad	Supervise On	6/24/2025 3:32:32 AM		
SubDirectory	PP062025	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2355-05	3909	PP073153.D	20 Jun 2025 22:28		YP\AJ	Ok
39	AR1660CCC500	AR1660CCC500	PP073154.D	20 Jun 2025 23:50		YP\AJ	Ok
40	AR1242CCC500	AR1242CCC500	PP073155.D	21 Jun 2025 00:22		YP\AJ	Ok
41	AR1248CCC500	AR1248CCC500	PP073156.D	21 Jun 2025 00:39		YP\AJ	Ok
42	AR1254CCC500	AR1254CCC500	PP073157.D	21 Jun 2025 00:55		YP\AJ	Ok
43	I.BLK	I.BLK	PP073158.D	21 Jun 2025 01:11		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168558

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 06/20/2025

Extraction Start Time : 08:30

Extraction End Date : 06/20/2025

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24597
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2622
Hexane	N/A	E3941
H2SO4 1:1	N/A	EP2610
Sand	N/A	E2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/20/25	RS (Ext lab)	Y-P-Pest-IP03
11:35	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168558

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/20/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168558BL	ABLK558	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168558BS	ALCS558	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2362-01	TP-11	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q2362-01MS	TP-11MS	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q2362-01MSD	TP-11MSD	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
Q2362-05	EP-6	PCB	30.10	N/A	ritesh	Evelyn	10	E		6
Q2364-01	GAV1A	PCB	30.08	N/A	ritesh	Evelyn	10			U3-1
Q2364-02	GAV1B	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q2364-03	GAV2A	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2364-04	GAV2B	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q2367-01	EP-4	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q2367-05	EP-5	PCB	30.06	N/A	ritesh	Evelyn	10	E		6

RS 6/20

* **Extracts relinquished on the same date as received.**

Q2362 8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2362 **WorkList ID :** 190285 **Department :** Extraction **Date :** 06-20-2025 08:22:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2362-01	TP-11	Solid	PCB	Cool 4 deg C	PSEG03	D52	06/18/2025	8082A
Q2362-05	EP-6	Solid	PCB	Cool 4 deg C	PSEG03	D52	06/18/2025	8082A
Q2364-01	GAV1A	Solid	PCB	Cool 4 deg C	GENV01	D51	06/18/2025	8082A
Q2364-02	GAV1B	Solid	PCB	Cool 4 deg C	GENV01	D51	06/18/2025	8082A
Q2364-03	GAV2A	Solid	PCB	Cool 4 deg C	GENV01	D51	06/18/2025	8082A
Q2364-04	GAV2B	Solid	PCB	Cool 4 deg C	GENV01	D51	06/18/2025	8082A
Q2367-01	EP-4	Solid	PCB	Cool 4 deg C	PSEG03	D61	06/19/2025	8082A
Q2367-05	EP-5	Solid	PCB	Cool 4 deg C	PSEG03	D61	06/19/2025	8082A

195 of 287

Date/Time 06/20/25 8:25
Raw Sample Received by: RJ (LEAT-Ceb)
Raw Sample Relinquished by: CA

Date/Time 06/20/25 8:45
Raw Sample Received by: CA
Raw Sample Relinquished by: RJ (LEAT-Ceb)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2364	**OrderDate:**	6/18/2025 4:07:57 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2364-01	**GAV1A**	**SOIL**			**06/18/25**			**06/18/25**
			PCB	8082A		06/20/25	06/20/25	
Q2364-02	**GAV1B**	**SOIL**			**06/18/25**			**06/18/25**
			PCB	8082A		06/20/25	06/20/25	
Q2364-03	**GAV2A**	**SOIL**			**06/18/25**			**06/18/25**
			PCB	8082A		06/20/25	06/20/25	
Q2364-04	**GAV2B**	**SOIL**			**06/18/25**			**06/18/25**
			PCB	8082A		06/20/25	06/20/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2364 **Order ID:** Q2364

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GAV1A								
Q2364-01	GAV1A	SOIL	Aluminum	6750		0.87	5.20	mg/Kg
Q2364-01	GAV1A	SOIL	Antimony	5.77		0.23	2.60	mg/Kg
Q2364-01	GAV1A	SOIL	Arsenic	14.2		0.20	1.04	mg/Kg
Q2364-01	GAV1A	SOIL	Barium	116		0.76	5.20	mg/Kg
Q2364-01	GAV1A	SOIL	Beryllium	0.49		0.026	0.31	mg/Kg
Q2364-01	GAV1A	SOIL	Cadmium	4.06		0.025	0.31	mg/Kg
Q2364-01	GAV1A	SOIL	Calcium	11700		11.5	104	mg/Kg
Q2364-01	GAV1A	SOIL	Chromium	220		0.049	0.52	mg/Kg
Q2364-01	GAV1A	SOIL	Cobalt	8.56		0.10	1.56	mg/Kg
Q2364-01	GAV1A	SOIL	Copper	183		0.23	1.04	mg/Kg
Q2364-01	GAV1A	SOIL	Iron	14200		4.15	5.20	mg/Kg
Q2364-01	GAV1A	SOIL	Lead	569		0.14	0.62	mg/Kg
Q2364-01	GAV1A	SOIL	Magnesium	3000		12.5	104	mg/Kg
Q2364-01	GAV1A	SOIL	Manganese	241		0.15	1.04	mg/Kg
Q2364-01	GAV1A	SOIL	Mercury	0.47		0.0090	0.016	mg/Kg
Q2364-01	GAV1A	SOIL	Nickel	608		0.14	2.08	mg/Kg
Q2364-01	GAV1A	SOIL	Potassium	743		28.8	104	mg/Kg
Q2364-01	GAV1A	SOIL	Selenium	5.57		0.27	1.04	mg/Kg
Q2364-01	GAV1A	SOIL	Sodium	162		18.5	104	mg/Kg
Q2364-01	GAV1A	SOIL	Thallium	0.84	J	0.24	2.08	mg/Kg
Q2364-01	GAV1A	SOIL	Vanadium	15.9		0.26	2.08	mg/Kg
Q2364-01	GAV1A	SOIL	Zinc	455		0.11	2.08	mg/Kg
Client ID : GAV1B								
Q2364-02	GAV1B	SOIL	Aluminum	3370		0.87	5.18	mg/Kg
Q2364-02	GAV1B	SOIL	Antimony	3.06		0.23	2.59	mg/Kg
Q2364-02	GAV1B	SOIL	Arsenic	0.40	J	0.20	1.04	mg/Kg
Q2364-02	GAV1B	SOIL	Barium	14.2		0.76	5.18	mg/Kg
Q2364-02	GAV1B	SOIL	Beryllium	0.19	J	0.026	0.31	mg/Kg
Q2364-02	GAV1B	SOIL	Cadmium	0.55		0.025	0.31	mg/Kg
Q2364-02	GAV1B	SOIL	Calcium	951		11.5	104	mg/Kg
Q2364-02	GAV1B	SOIL	Chromium	152		0.049	0.52	mg/Kg
Q2364-02	GAV1B	SOIL	Cobalt	2.74		0.10	1.55	mg/Kg
Q2364-02	GAV1B	SOIL	Copper	85.4		0.23	1.04	mg/Kg
Q2364-02	GAV1B	SOIL	Iron	5660		4.13	5.18	mg/Kg
Q2364-02	GAV1B	SOIL	Lead	16.0		0.14	0.62	mg/Kg
Q2364-02	GAV1B	SOIL	Magnesium	788		12.4	104	mg/Kg
Q2364-02	GAV1B	SOIL	Manganese	40.5		0.14	1.04	mg/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2364 **Order ID:** Q2364

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2364-02	GAV1B	SOIL	Mercury	0.11		0.0090	0.015	mg/Kg
Q2364-02	GAV1B	SOIL	Nickel	30.4		0.14	2.07	mg/Kg
Q2364-02	GAV1B	SOIL	Potassium	241		28.7	104	mg/Kg
Q2364-02	GAV1B	SOIL	Selenium	1.63		0.27	1.04	mg/Kg
Q2364-02	GAV1B	SOIL	Silver	0.13	J	0.12	0.52	mg/Kg
Q2364-02	GAV1B	SOIL	Sodium	111		18.4	104	mg/Kg
Q2364-02	GAV1B	SOIL	Vanadium	7.19		0.26	2.07	mg/Kg
Q2364-02	GAV1B	SOIL	Zinc	82.1		0.11	2.07	mg/Kg
Client ID :	**GAV2A**							
Q2364-03	GAV2A	SOIL	Aluminum	9880		0.96	5.70	mg/Kg
Q2364-03	GAV2A	SOIL	Antimony	2.08	J	0.25	2.85	mg/Kg
Q2364-03	GAV2A	SOIL	Arsenic	1.37		0.22	1.14	mg/Kg
Q2364-03	GAV2A	SOIL	Barium	68.8		0.83	5.70	mg/Kg
Q2364-03	GAV2A	SOIL	Beryllium	0.61		0.029	0.34	mg/Kg
Q2364-03	GAV2A	SOIL	Cadmium	3.64		0.027	0.34	mg/Kg
Q2364-03	GAV2A	SOIL	Calcium	4580		12.7	114	mg/Kg
Q2364-03	GAV2A	SOIL	Chromium	45.7		0.054	0.57	mg/Kg
Q2364-03	GAV2A	SOIL	Cobalt	9.92		0.11	1.71	mg/Kg
Q2364-03	GAV2A	SOIL	Copper	53.1		0.25	1.14	mg/Kg
Q2364-03	GAV2A	SOIL	Iron	18900		4.55	5.70	mg/Kg
Q2364-03	GAV2A	SOIL	Lead	319		0.15	0.69	mg/Kg
Q2364-03	GAV2A	SOIL	Magnesium	3720		13.7	114	mg/Kg
Q2364-03	GAV2A	SOIL	Manganese	291		0.16	1.14	mg/Kg
Q2364-03	GAV2A	SOIL	Mercury	0.42		0.0090	0.016	mg/Kg
Q2364-03	GAV2A	SOIL	Nickel	107		0.15	2.28	mg/Kg
Q2364-03	GAV2A	SOIL	Potassium	1250		31.6	114	mg/Kg
Q2364-03	GAV2A	SOIL	Selenium	5.58		0.30	1.14	mg/Kg
Q2364-03	GAV2A	SOIL	Sodium	122		20.3	114	mg/Kg
Q2364-03	GAV2A	SOIL	Thallium	0.29	J	0.26	2.28	mg/Kg
Q2364-03	GAV2A	SOIL	Vanadium	19.7		0.28	2.28	mg/Kg
Q2364-03	GAV2A	SOIL	Zinc	797		0.13	2.28	mg/Kg
Client ID :	**GAV2B**							
Q2364-04	GAV2B	SOIL	Aluminum	6860		1.00	5.93	mg/Kg
Q2364-04	GAV2B	SOIL	Antimony	2.25	J	0.26	2.97	mg/Kg
Q2364-04	GAV2B	SOIL	Arsenic	3.28		0.23	1.19	mg/Kg
Q2364-04	GAV2B	SOIL	Barium	81.4		0.87	5.93	mg/Kg
Q2364-04	GAV2B	SOIL	Beryllium	0.51		0.030	0.36	mg/Kg
Q2364-04	GAV2B	SOIL	Cadmium	5.32		0.028	0.36	mg/Kg
Q2364-04	GAV2B	SOIL	Calcium	2260		13.2	119	mg/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2364 **Order ID:** Q2364

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2364-04	GAV2B	SOIL	Chromium	95.8		0.056	0.59	mg/Kg
Q2364-04	GAV2B	SOIL	Cobalt	12.4		0.12	1.78	mg/Kg
Q2364-04	GAV2B	SOIL	Copper	101		0.26	1.19	mg/Kg
Q2364-04	GAV2B	SOIL	Iron	8970		4.74	5.93	mg/Kg
Q2364-04	GAV2B	SOIL	Lead	168		0.15	0.71	mg/Kg
Q2364-04	GAV2B	SOIL	Magnesium	984		14.2	119	mg/Kg
Q2364-04	GAV2B	SOIL	Manganese	105		0.17	1.19	mg/Kg
Q2364-04	GAV2B	SOIL	Mercury	2.48	D	0.050	0.090	mg/Kg
Q2364-04	GAV2B	SOIL	Nickel	59.3		0.15	2.37	mg/Kg
Q2364-04	GAV2B	SOIL	Potassium	403		32.9	119	mg/Kg
Q2364-04	GAV2B	SOIL	Selenium	3.65		0.31	1.19	mg/Kg
Q2364-04	GAV2B	SOIL	Silver	1.99		0.14	0.59	mg/Kg
Q2364-04	GAV2B	SOIL	Sodium	101	J	21.1	119	mg/Kg
Q2364-04	GAV2B	SOIL	Thallium	0.63	J	0.27	2.37	mg/Kg
Q2364-04	GAV2B	SOIL	Vanadium	14.6		0.30	2.37	mg/Kg
Q2364-04	GAV2B	SOIL	Zinc	7320	D	1.31	23.7	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1A	SDG No.:	Q2364
Lab Sample ID:	Q2364-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6750		1	0.87	5.20	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-36-0	Antimony	5.77	N	1	0.23	2.60	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-38-2	Arsenic	14.2		1	0.20	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-39-3	Barium	116	N	1	0.76	5.20	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-41-7	Beryllium	0.49		1	0.026	0.31	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-43-9	Cadmium	4.06	*	1	0.025	0.31	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-70-2	Calcium	11700	*	1	11.5	104	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-47-3	Chromium	220		1	0.049	0.52	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-48-4	Cobalt	8.56	*	1	0.10	1.56	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-50-8	Copper	183	*	1	0.23	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7439-89-6	Iron	14200		1	4.15	5.20	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7439-92-1	Lead	569	*	1	0.14	0.62	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7439-95-4	Magnesium	3000		1	12.5	104	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7439-96-5	Manganese	241	N*	1	0.15	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7439-97-6	Mercury	0.47		1	0.0090	0.016	mg/Kg	06/20/25 09:25	06/20/25 14:17	7471B	
7440-02-0	Nickel	608		1	0.14	2.08	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-09-7	Potassium	743		1	28.8	104	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7782-49-2	Selenium	5.57		1	0.27	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.52	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-23-5	Sodium	162	N	1	18.5	104	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-28-0	Thallium	0.84	J	1	0.24	2.08	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-62-2	Vanadium	15.9		1	0.26	2.08	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050
7440-66-6	Zinc	455	*	1	0.11	2.08	mg/Kg	06/20/25 10:05	06/23/25 16:33	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3370		1	0.87	5.18	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-36-0	Antimony	3.06	N	1	0.23	2.59	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-38-2	Arsenic	0.40	J	1	0.20	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-39-3	Barium	14.2	N	1	0.76	5.18	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-41-7	Beryllium	0.19	J	1	0.026	0.31	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-43-9	Cadmium	0.55	*	1	0.025	0.31	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-70-2	Calcium	951	*	1	11.5	104	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-47-3	Chromium	152		1	0.049	0.52	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-48-4	Cobalt	2.74	*	1	0.10	1.55	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-50-8	Copper	85.4	*	1	0.23	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7439-89-6	Iron	5660		1	4.13	5.18	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7439-92-1	Lead	16.0	*	1	0.14	0.62	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7439-95-4	Magnesium	788		1	12.4	104	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7439-96-5	Manganese	40.5	N*	1	0.14	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7439-97-6	Mercury	0.11		1	0.0090	0.015	mg/Kg	06/20/25 09:25	06/20/25 14:20	7471B	
7440-02-0	Nickel	30.4		1	0.14	2.07	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-09-7	Potassium	241		1	28.7	104	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7782-49-2	Selenium	1.63		1	0.27	1.04	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-22-4	Silver	0.13	J	1	0.12	0.52	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-23-5	Sodium	111	N	1	18.4	104	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.07	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-62-2	Vanadium	7.19		1	0.26	2.07	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050
7440-66-6	Zinc	82.1	*	1	0.11	2.07	mg/Kg	06/20/25 10:05	06/23/25 16:37	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2A	SDG No.:	Q2364
Lab Sample ID:	Q2364-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9880		1	0.96	5.70	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-36-0	Antimony	2.08	JN	1	0.25	2.85	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-38-2	Arsenic	1.37		1	0.22	1.14	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-39-3	Barium	68.8	N	1	0.83	5.70	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.029	0.34	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-43-9	Cadmium	3.64	*	1	0.027	0.34	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-70-2	Calcium	4580	*	1	12.7	114	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-47-3	Chromium	45.7		1	0.054	0.57	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-48-4	Cobalt	9.92	*	1	0.11	1.71	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-50-8	Copper	53.1	*	1	0.25	1.14	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7439-89-6	Iron	18900		1	4.55	5.70	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7439-92-1	Lead	319	*	1	0.15	0.69	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7439-95-4	Magnesium	3720		1	13.7	114	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7439-96-5	Manganese	291	N*	1	0.16	1.14	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7439-97-6	Mercury	0.42		1	0.0090	0.016	mg/Kg	06/20/25 09:25	06/20/25 14:22	7471B	
7440-02-0	Nickel	107		1	0.15	2.28	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-09-7	Potassium	1250		1	31.6	114	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7782-49-2	Selenium	5.58		1	0.30	1.14	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-22-4	Silver	0.14	U	1	0.14	0.57	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-23-5	Sodium	122	N	1	20.3	114	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-28-0	Thallium	0.29	J	1	0.26	2.28	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-62-2	Vanadium	19.7		1	0.28	2.28	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050
7440-66-6	Zinc	797	*	1	0.13	2.28	mg/Kg	06/20/25 10:05	06/23/25 17:23	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6860		1	1.00	5.93	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-36-0	Antimony	2.25	JN	1	0.26	2.97	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-38-2	Arsenic	3.28		1	0.23	1.19	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-39-3	Barium	81.4	N	1	0.87	5.93	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-41-7	Beryllium	0.51		1	0.030	0.36	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-43-9	Cadmium	5.32	*	1	0.028	0.36	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-70-2	Calcium	2260	*	1	13.2	119	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-47-3	Chromium	95.8		1	0.056	0.59	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-48-4	Cobalt	12.4	*	1	0.12	1.78	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-50-8	Copper	101	*	1	0.26	1.19	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7439-89-6	Iron	8970		1	4.74	5.93	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7439-92-1	Lead	168	*	1	0.15	0.71	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7439-95-4	Magnesium	984		1	14.2	119	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7439-96-5	Manganese	105	N*	1	0.17	1.19	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7439-97-6	Mercury	2.48	D	5	0.050	0.090	mg/Kg	06/20/25 09:25	06/20/25 14:48	7471B	
7440-02-0	Nickel	59.3		1	0.15	2.37	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-09-7	Potassium	403		1	32.9	119	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7782-49-2	Selenium	3.65		1	0.31	1.19	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-22-4	Silver	1.99		1	0.14	0.59	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-23-5	Sodium	101	JN	1	21.1	119	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-28-0	Thallium	0.63	J	1	0.27	2.37	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-62-2	Vanadium	14.6		1	0.30	2.37	mg/Kg	06/20/25 10:05	06/23/25 17:27	6010D	SW3050
7440-66-6	Zinc	7320	D*	10	1.31	23.7	mg/Kg	06/20/25 10:05	06/25/25 17:15	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB47	Mercury	0.076	+/-0.2	U	0.20	CV	06/20/2025	13:54	LB136216

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB69	Mercury	0.076	+/-0.2	U	0.20	CV	06/20/2025	13:59	LB136216
CCB70	Mercury	0.076	+/-0.2	U	0.20	CV	06/20/2025	14:27	LB136216
CCB71	Mercury	0.076	+/-0.2	U	0.20	CV	06/20/2025	14:53	LB136216

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	16.7	+/-50	J	100	P	06/23/2025	13:19	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	13:19	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	13:19	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	13:19	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	13:19	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	13:19	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	13:19	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	13:19	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	13:19	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	13:19	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	13:19	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	13:19	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	13:19	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	13:19	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	13:19	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	13:19	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	13:19	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	13:19	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	13:19	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	13:19	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	13:19	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	13:19	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.1	+/-50	J	100	P	06/23/2025	14:05	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	14:05	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	14:05	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	14:05	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	14:05	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	14:05	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	14:05	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	14:05	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	14:05	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	14:05	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	14:05	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	14:05	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	14:05	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	14:05	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	14:05	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	14:05	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	14:05	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	14:05	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	14:05	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	14:05	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	14:05	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	14:05	LB136236
CCB02	Aluminum	11.3	+/-50	U	100	P	06/23/2025	14:58	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	14:58	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	14:58	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	14:58	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	14:58	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	14:58	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	14:58	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	14:58	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	14:58	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	14:58	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	14:58	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	14:58	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	14:58	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	14:58	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	14:58	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	14:58	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	14:58	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/23/2025	14:58	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	14:58	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	14:58	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	14:58	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	14:58	LB136236
CCB03	Aluminum	11.3	+/-50	U	100	P	06/23/2025	15:52	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	15:52	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	15:52	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	15:52	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	15:52	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	15:52	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	15:52	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	15:52	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	15:52	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	15:52	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	15:52	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	15:52	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	15:52	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	15:52	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	15:52	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	15:52	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	15:52	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	15:52	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	15:52	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	15:52	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	15:52	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	15:52	LB136236
CCB04	Aluminum	11.3	+/-50	U	100	P	06/23/2025	16:56	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	16:56	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	16:56	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	16:56	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	16:56	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	16:56	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	16:56	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	16:56	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	16:56	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	16:56	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	16:56	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	16:56	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/23/2025	16:56	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	16:56	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	16:56	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	16:56	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	16:56	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	16:56	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	16:56	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	16:56	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	16:56	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	16:56	LB136236
CCB05	Aluminum	11.3	+/-50	U	100	P	06/23/2025	17:49	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	17:49	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	17:49	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	17:49	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	17:49	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	17:49	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	17:49	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	17:49	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	17:49	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	17:49	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	17:49	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	17:49	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	17:49	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	17:49	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	17:49	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	17:49	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	17:49	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	17:49	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	17:49	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	17:49	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	17:49	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	17:49	LB136236
CCB06	Aluminum	15.0	+/-50	J	100	P	06/23/2025	18:43	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	18:43	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	18:43	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	18:43	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	18:43	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	18:43	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	18:43	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	18:43	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	18:43	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	18:43	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	18:43	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	18:43	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	18:43	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	18:43	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	18:43	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	18:43	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	18:43	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	18:43	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	18:43	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	18:43	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	18:43	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	18:43	LB136236
CCB07	Aluminum	11.3	+/-50	U	100	P	06/23/2025	19:28	LB136236
	Antimony	6.76	+/-25	U	50.0	P	06/23/2025	19:28	LB136236
	Arsenic	5.12	+/-10	U	20.0	P	06/23/2025	19:28	LB136236
	Barium	14.6	+/-50	U	100	P	06/23/2025	19:28	LB136236
	Beryllium	0.56	+/-3	U	6.00	P	06/23/2025	19:28	LB136236
	Cadmium	0.50	+/-3	U	6.00	P	06/23/2025	19:28	LB136236
	Calcium	234	+/-1000	U	2000	P	06/23/2025	19:28	LB136236
	Chromium	2.12	+/-5	U	10.0	P	06/23/2025	19:28	LB136236
	Cobalt	2.26	+/-15	U	30.0	P	06/23/2025	19:28	LB136236
	Copper	4.60	+/-10	U	20.0	P	06/23/2025	19:28	LB136236
	Iron	23.4	+/-50	U	100	P	06/23/2025	19:28	LB136236
	Lead	2.30	+/-6	U	12.0	P	06/23/2025	19:28	LB136236
	Magnesium	244	+/-1000	U	2000	P	06/23/2025	19:28	LB136236
	Manganese	5.94	+/-10	U	20.0	P	06/23/2025	19:28	LB136236
	Nickel	3.06	+/-20	U	40.0	P	06/23/2025	19:28	LB136236
	Potassium	918	+/-1000	U	2000	P	06/23/2025	19:28	LB136236
	Selenium	9.64	+/-10	U	20.0	P	06/23/2025	19:28	LB136236
	Silver	1.62	+/-5	U	10.0	P	06/23/2025	19:28	LB136236
	Sodium	868	+/-1000	U	2000	P	06/23/2025	19:28	LB136236
	Thallium	4.38	+/-20	U	40.0	P	06/23/2025	19:28	LB136236
	Vanadium	6.26	+/-20	U	40.0	P	06/23/2025	19:28	LB136236
	Zinc	3.50	+/-20	U	40.0	P	06/23/2025	19:28	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/25/2025	14:53	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	14:53	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	14:53	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	14:53	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	14:53	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	14:53	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	14:53	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	14:53	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	14:53	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	14:53	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	14:53	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/25/2025	16:09	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	16:09	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	16:09	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	16:09	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	16:09	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	16:09	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	16:09	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	16:09	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	16:09	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	16:09	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
CCB02	Aluminum	11.3	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	17:09	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	17:09	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	17:09	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	17:09	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	17:09	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	17:09	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	17:09	LB136273

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/25/2025	17:09	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
CCB03	Aluminum	22.1	+/-50	J	100	P	06/25/2025	18:07	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	18:07	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	18:07	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	18:07	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	18:07	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	18:07	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	18:07	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	18:07	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	18:07	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	18:07	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
CCB04	Aluminum	11.3	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	18:59	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	18:59	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	18:59	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	18:59	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	18:59	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	18:59	LB136273

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	18:59	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
CCB05	Aluminum	11.3	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	19:57	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	19:57	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	19:57	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	19:57	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	19:57	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	19:57	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	19:57	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
CCB06	Aluminum	11.3	+/-50	U	100	P	06/25/2025	20:50	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	20:50	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	20:50	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	20:50	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	20:50	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	20:50	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	9.17	+/-5	J*	10.0	P	06/25/2025	20:50	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	20:50	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Iron	33.2	+/-50	J	100	P	06/25/2025	20:50	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	20:50	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	20:50	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
CCB07	Aluminum	11.3	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	21:16	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	21:16	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	21:16	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	21:16	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	21:16	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	21:16	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	21:16	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	21:16	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168569BL		**SOLID**		**Batch Number:**	**PB168569**		**Prep Date:**	**06/20/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	06/20/2025	14:08	LB136216

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2364

Instrument: P5

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168564BL		**SOLID**		**Batch Number:**	**PB168564**		**Prep Date:**	**06/20/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	06/23/2025	15:11	LB136236
	Antimony	0.22	<1.25	U	2.50	P	06/23/2025	15:11	LB136236
	Arsenic	0.19	<0.5	U	1.00	P	06/23/2025	15:11	LB136236
	Barium	0.73	<2.5	U	5.00	P	06/23/2025	15:11	LB136236
	Beryllium	0.025	<0.15	U	0.30	P	06/23/2025	15:11	LB136236
	Cadmium	0.024	<0.15	U	0.30	P	06/23/2025	15:11	LB136236
	Calcium	11.1	<50	U	100	P	06/23/2025	15:11	LB136236
	Chromium	0.047	<0.25	U	0.50	P	06/23/2025	15:11	LB136236
	Cobalt	0.10	<0.75	U	1.50	P	06/23/2025	15:11	LB136236
	Copper	0.22	<0.5	U	1.00	P	06/23/2025	15:11	LB136236
	Iron	3.99	<2.5	U	5.00	P	06/23/2025	15:11	LB136236
	Lead	0.13	<0.3	U	0.60	P	06/23/2025	15:11	LB136236
	Magnesium	12.0	<50	U	100	P	06/23/2025	15:11	LB136236
	Manganese	0.14	<0.5	U	1.00	P	06/23/2025	15:11	LB136236
	Nickel	0.13	<1	U	2.00	P	06/23/2025	15:11	LB136236
	Potassium	27.7	<50	U	100	P	06/23/2025	15:11	LB136236
	Selenium	0.26	<0.5	U	1.00	P	06/23/2025	15:11	LB136236
	Silver	0.12	<0.25	U	0.50	P	06/23/2025	15:11	LB136236
	Sodium	17.8	<50	U	100	P	06/23/2025	15:11	LB136236
	Thallium	0.23	<1	U	2.00	P	06/23/2025	15:11	LB136236
	Vanadium	0.25	<1	U	2.00	P	06/23/2025	15:11	LB136236
	Zinc	0.11	<1	U	2.00	P	06/23/2025	15:11	LB136236

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV47	Mercury	4.00	4.0	100	90 - 110	CV	06/20/2025	13:52	LB136216

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV69	Mercury	5.02	5.0	100	90 - 110	CV	06/20/2025	13:56	LB136216
CCV70	Mercury	4.87	5.0	98	90 - 110	CV	06/20/2025	14:24	LB136216
CCV71	Mercury	4.91	5.0	98	90 - 110	CV	06/20/2025	14:50	LB136216

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7980	8000	100	90 - 110	P	06/23/2025	12:34	LB136236
	Antimony	4110	4000	103	90 - 110	P	06/23/2025	12:34	LB136236
	Arsenic	3910	4000	98	90 - 110	P	06/23/2025	12:34	LB136236
	Barium	7850	8000	98	90 - 110	P	06/23/2025	12:34	LB136236
	Beryllium	206	200	103	90 - 110	P	06/23/2025	12:34	LB136236
	Cadmium	2000	2000	100	90 - 110	P	06/23/2025	12:34	LB136236
	Calcium	19400	20000	97	90 - 110	P	06/23/2025	12:34	LB136236
	Chromium	806	800	101	90 - 110	P	06/23/2025	12:34	LB136236
	Cobalt	2040	2000	102	90 - 110	P	06/23/2025	12:34	LB136236
	Copper	1030	1000	103	90 - 110	P	06/23/2025	12:34	LB136236
	Iron	3920	4000	98	90 - 110	P	06/23/2025	12:34	LB136236
	Lead	3950	4000	99	90 - 110	P	06/23/2025	12:34	LB136236
	Magnesium	19800	20000	99	90 - 110	P	06/23/2025	12:34	LB136236
	Manganese	1960	2000	98	90 - 110	P	06/23/2025	12:34	LB136236
	Nickel	2030	2000	102	90 - 110	P	06/23/2025	12:34	LB136236
	Potassium	19000	20000	95	90 - 110	P	06/23/2025	12:34	LB136236
	Selenium	3980	4000	100	90 - 110	P	06/23/2025	12:34	LB136236
	Silver	1070	1000	107	90 - 110	P	06/23/2025	12:34	LB136236
	Sodium	20000	20000	100	90 - 110	P	06/23/2025	12:34	LB136236
	Thallium	4050	4000	101	90 - 110	P	06/23/2025	12:34	LB136236
	Vanadium	1990	2000	100	90 - 110	P	06/23/2025	12:34	LB136236
	Zinc	2000	2000	100	90 - 110	P	06/23/2025	12:34	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	114	100	114	80 - 120	P	06/23/2025	13:09	LB136236
	Antimony	54.0	50.0	108	80 - 120	P	06/23/2025	13:09	LB136236
	Arsenic	18.0	20.0	90	80 - 120	P	06/23/2025	13:09	LB136236
	Barium	104	100	104	80 - 120	P	06/23/2025	13:09	LB136236
	Beryllium	6.48	6.0	108	80 - 120	P	06/23/2025	13:09	LB136236
	Cadmium	5.92	6.0	99	80 - 120	P	06/23/2025	13:09	LB136236
	Calcium	2100	2000	105	80 - 120	P	06/23/2025	13:09	LB136236
	Chromium	10.8	10.0	108	80 - 120	P	06/23/2025	13:09	LB136236
	Cobalt	31.6	30.0	105	80 - 120	P	06/23/2025	13:09	LB136236
	Copper	23.3	20.0	117	80 - 120	P	06/23/2025	13:09	LB136236
	Iron	102	100	102	80 - 120	P	06/23/2025	13:09	LB136236
	Lead	14.0	12.0	117	80 - 120	P	06/23/2025	13:09	LB136236
	Magnesium	2190	2000	110	80 - 120	P	06/23/2025	13:09	LB136236
	Manganese	20.2	20.0	101	80 - 120	P	06/23/2025	13:09	LB136236
	Nickel	41.6	40.0	104	80 - 120	P	06/23/2025	13:09	LB136236
	Potassium	1690	2000	84	80 - 120	P	06/23/2025	13:09	LB136236
	Selenium	20.4	20.0	102	80 - 120	P	06/23/2025	13:09	LB136236
	Silver	10.8	10.0	108	80 - 120	P	06/23/2025	13:09	LB136236
	Sodium	1890	2000	94	80 - 120	P	06/23/2025	13:09	LB136236
	Thallium	41.5	40.0	104	80 - 120	P	06/23/2025	13:09	LB136236
	Vanadium	35.7	40.0	89	80 - 120	P	06/23/2025	13:09	LB136236
	Zinc	41.1	40.0	103	80 - 120	P	06/23/2025	13:09	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	06/23/2025	13:56	LB136236
	Antimony	4920	5000	98	90 - 110	P	06/23/2025	13:56	LB136236
	Arsenic	5140	5000	103	90 - 110	P	06/23/2025	13:56	LB136236
	Barium	9940	10000	99	90 - 110	P	06/23/2025	13:56	LB136236
	Beryllium	250	250	100	90 - 110	P	06/23/2025	13:56	LB136236
	Cadmium	2580	2500	103	90 - 110	P	06/23/2025	13:56	LB136236
	Calcium	24000	25000	96	90 - 110	P	06/23/2025	13:56	LB136236
	Chromium	988	1000	99	90 - 110	P	06/23/2025	13:56	LB136236
	Cobalt	2580	2500	103	90 - 110	P	06/23/2025	13:56	LB136236
	Copper	1240	1250	100	90 - 110	P	06/23/2025	13:56	LB136236
	Iron	4900	5000	98	90 - 110	P	06/23/2025	13:56	LB136236
	Lead	5160	5000	103	90 - 110	P	06/23/2025	13:56	LB136236
	Magnesium	24500	25000	98	90 - 110	P	06/23/2025	13:56	LB136236
	Manganese	2450	2500	98	90 - 110	P	06/23/2025	13:56	LB136236
	Nickel	2570	2500	103	90 - 110	P	06/23/2025	13:56	LB136236
	Potassium	23600	25000	94	90 - 110	P	06/23/2025	13:56	LB136236
	Selenium	5020	5000	100	90 - 110	P	06/23/2025	13:56	LB136236
	Silver	1230	1250	98	90 - 110	P	06/23/2025	13:56	LB136236
	Sodium	24500	25000	98	90 - 110	P	06/23/2025	13:56	LB136236
	Thallium	5120	5000	102	90 - 110	P	06/23/2025	13:56	LB136236
	Vanadium	2440	2500	98	90 - 110	P	06/23/2025	13:56	LB136236
	Zinc	2450	2500	98	90 - 110	P	06/23/2025	13:56	LB136236
CCV02	Aluminum	10400	10000	104	90 - 110	P	06/23/2025	14:54	LB136236
	Antimony	4900	5000	98	90 - 110	P	06/23/2025	14:54	LB136236
	Arsenic	5120	5000	102	90 - 110	P	06/23/2025	14:54	LB136236
	Barium	10000	10000	100	90 - 110	P	06/23/2025	14:54	LB136236
	Beryllium	250	250	100	90 - 110	P	06/23/2025	14:54	LB136236
	Cadmium	2570	2500	103	90 - 110	P	06/23/2025	14:54	LB136236
	Calcium	24100	25000	96	90 - 110	P	06/23/2025	14:54	LB136236
	Chromium	989	1000	99	90 - 110	P	06/23/2025	14:54	LB136236
	Cobalt	2560	2500	102	90 - 110	P	06/23/2025	14:54	LB136236
	Copper	1240	1250	99	90 - 110	P	06/23/2025	14:54	LB136236
	Iron	4910	5000	98	90 - 110	P	06/23/2025	14:54	LB136236
	Lead	5120	5000	102	90 - 110	P	06/23/2025	14:54	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24600	25000	98	90 - 110	P	06/23/2025	14:54	LB136236
	Manganese	2470	2500	99	90 - 110	P	06/23/2025	14:54	LB136236
	Nickel	2550	2500	102	90 - 110	P	06/23/2025	14:54	LB136236
	Potassium	23300	25000	93	90 - 110	P	06/23/2025	14:54	LB136236
	Selenium	5000	5000	100	90 - 110	P	06/23/2025	14:54	LB136236
	Silver	1230	1250	98	90 - 110	P	06/23/2025	14:54	LB136236
	Sodium	24100	25000	96	90 - 110	P	06/23/2025	14:54	LB136236
	Thallium	5060	5000	101	90 - 110	P	06/23/2025	14:54	LB136236
	Vanadium	2450	2500	98	90 - 110	P	06/23/2025	14:54	LB136236
	Zinc	2440	2500	98	90 - 110	P	06/23/2025	14:54	LB136236
CCV03	Aluminum	10500	10000	105	90 - 110	P	06/23/2025	15:47	LB136236
	Antimony	4960	5000	99	90 - 110	P	06/23/2025	15:47	LB136236
	Arsenic	5210	5000	104	90 - 110	P	06/23/2025	15:47	LB136236
	Barium	10100	10000	101	90 - 110	P	06/23/2025	15:47	LB136236
	Beryllium	247	250	99	90 - 110	P	06/23/2025	15:47	LB136236
	Cadmium	2590	2500	104	90 - 110	P	06/23/2025	15:47	LB136236
	Calcium	24400	25000	98	90 - 110	P	06/23/2025	15:47	LB136236
	Chromium	1010	1000	101	90 - 110	P	06/23/2025	15:47	LB136236
	Cobalt	2590	2500	104	90 - 110	P	06/23/2025	15:47	LB136236
	Copper	1220	1250	98	90 - 110	P	06/23/2025	15:47	LB136236
	Iron	4960	5000	99	90 - 110	P	06/23/2025	15:47	LB136236
	Lead	5190	5000	104	90 - 110	P	06/23/2025	15:47	LB136236
	Magnesium	24700	25000	99	90 - 110	P	06/23/2025	15:47	LB136236
	Manganese	2500	2500	100	90 - 110	P	06/23/2025	15:47	LB136236
	Nickel	2570	2500	103	90 - 110	P	06/23/2025	15:47	LB136236
	Potassium	24100	25000	96	90 - 110	P	06/23/2025	15:47	LB136236
	Selenium	5060	5000	101	90 - 110	P	06/23/2025	15:47	LB136236
	Silver	1260	1250	101	90 - 110	P	06/23/2025	15:47	LB136236
	Sodium	24700	25000	99	90 - 110	P	06/23/2025	15:47	LB136236
	Thallium	5120	5000	102	90 - 110	P	06/23/2025	15:47	LB136236
	Vanadium	2490	2500	100	90 - 110	P	06/23/2025	15:47	LB136236
	Zinc	2490	2500	99	90 - 110	P	06/23/2025	15:47	LB136236
CCV04	Aluminum	10500	10000	105	90 - 110	P	06/23/2025	16:51	LB136236
	Antimony	4960	5000	99	90 - 110	P	06/23/2025	16:51	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5240	5000	105	90 - 110	P	06/23/2025	16:51	LB136236
	Barium	10200	10000	102	90 - 110	P	06/23/2025	16:51	LB136236
	Beryllium	259	250	104	90 - 110	P	06/23/2025	16:51	LB136236
	Cadmium	2600	2500	104	90 - 110	P	06/23/2025	16:51	LB136236
	Calcium	24500	25000	98	90 - 110	P	06/23/2025	16:51	LB136236
	Chromium	1010	1000	101	90 - 110	P	06/23/2025	16:51	LB136236
	Cobalt	2610	2500	104	90 - 110	P	06/23/2025	16:51	LB136236
	Copper	1280	1250	103	90 - 110	P	06/23/2025	16:51	LB136236
	Iron	4900	5000	98	90 - 110	P	06/23/2025	16:51	LB136236
	Lead	5230	5000	105	90 - 110	P	06/23/2025	16:51	LB136236
	Magnesium	24800	25000	99	90 - 110	P	06/23/2025	16:51	LB136236
	Manganese	2490	2500	100	90 - 110	P	06/23/2025	16:51	LB136236
	Nickel	2590	2500	104	90 - 110	P	06/23/2025	16:51	LB136236
	Potassium	23800	25000	95	90 - 110	P	06/23/2025	16:51	LB136236
	Selenium	5070	5000	101	90 - 110	P	06/23/2025	16:51	LB136236
	Silver	1260	1250	101	90 - 110	P	06/23/2025	16:51	LB136236
	Sodium	24800	25000	99	90 - 110	P	06/23/2025	16:51	LB136236
	Thallium	5160	5000	103	90 - 110	P	06/23/2025	16:51	LB136236
	Vanadium	2490	2500	100	90 - 110	P	06/23/2025	16:51	LB136236
	Zinc	2480	2500	99	90 - 110	P	06/23/2025	16:51	LB136236
CCV05	Aluminum	10500	10000	105	90 - 110	P	06/23/2025	17:45	LB136236
	Antimony	4940	5000	99	90 - 110	P	06/23/2025	17:45	LB136236
	Arsenic	5200	5000	104	90 - 110	P	06/23/2025	17:45	LB136236
	Barium	10200	10000	102	90 - 110	P	06/23/2025	17:45	LB136236
	Beryllium	260	250	104	90 - 110	P	06/23/2025	17:45	LB136236
	Cadmium	2590	2500	104	90 - 110	P	06/23/2025	17:45	LB136236
	Calcium	24500	25000	98	90 - 110	P	06/23/2025	17:45	LB136236
	Chromium	1000	1000	100	90 - 110	P	06/23/2025	17:45	LB136236
	Cobalt	2600	2500	104	90 - 110	P	06/23/2025	17:45	LB136236
	Copper	1290	1250	104	90 - 110	P	06/23/2025	17:45	LB136236
	Iron	4880	5000	98	90 - 110	P	06/23/2025	17:45	LB136236
	Lead	5210	5000	104	90 - 110	P	06/23/2025	17:45	LB136236
	Magnesium	24800	25000	99	90 - 110	P	06/23/2025	17:45	LB136236
	Manganese	2470	2500	99	90 - 110	P	06/23/2025	17:45	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2580	2500	103	90 - 110	P	06/23/2025	17:45	LB136236
	Potassium	23800	25000	95	90 - 110	P	06/23/2025	17:45	LB136236
	Selenium	5050	5000	101	90 - 110	P	06/23/2025	17:45	LB136236
	Silver	1260	1250	101	90 - 110	P	06/23/2025	17:45	LB136236
	Sodium	25000	25000	100	90 - 110	P	06/23/2025	17:45	LB136236
	Thallium	5140	5000	103	90 - 110	P	06/23/2025	17:45	LB136236
	Vanadium	2470	2500	99	90 - 110	P	06/23/2025	17:45	LB136236
	Zinc	2450	2500	98	90 - 110	P	06/23/2025	17:45	LB136236
CCV06	Aluminum	10400	10000	104	90 - 110	P	06/23/2025	18:39	LB136236
	Antimony	4980	5000	100	90 - 110	P	06/23/2025	18:39	LB136236
	Arsenic	5190	5000	104	90 - 110	P	06/23/2025	18:39	LB136236
	Barium	10100	10000	102	90 - 110	P	06/23/2025	18:39	LB136236
	Beryllium	255	250	102	90 - 110	P	06/23/2025	18:39	LB136236
	Cadmium	2600	2500	104	90 - 110	P	06/23/2025	18:39	LB136236
	Calcium	24200	25000	97	90 - 110	P	06/23/2025	18:39	LB136236
	Chromium	998	1000	100	90 - 110	P	06/23/2025	18:39	LB136236
	Cobalt	2610	2500	104	90 - 110	P	06/23/2025	18:39	LB136236
	Copper	1270	1250	102	90 - 110	P	06/23/2025	18:39	LB136236
	Iron	4860	5000	97	90 - 110	P	06/23/2025	18:39	LB136236
	Lead	5210	5000	104	90 - 110	P	06/23/2025	18:39	LB136236
	Magnesium	24500	25000	98	90 - 110	P	06/23/2025	18:39	LB136236
	Manganese	2450	2500	98	90 - 110	P	06/23/2025	18:39	LB136236
	Nickel	2600	2500	104	90 - 110	P	06/23/2025	18:39	LB136236
	Potassium	24000	25000	96	90 - 110	P	06/23/2025	18:39	LB136236
	Selenium	5060	5000	101	90 - 110	P	06/23/2025	18:39	LB136236
	Silver	1240	1250	100	90 - 110	P	06/23/2025	18:39	LB136236
	Sodium	25000	25000	100	90 - 110	P	06/23/2025	18:39	LB136236
	Thallium	5170	5000	103	90 - 110	P	06/23/2025	18:39	LB136236
	Vanadium	2450	2500	98	90 - 110	P	06/23/2025	18:39	LB136236
	Zinc	2510	2500	101	90 - 110	P	06/23/2025	18:39	LB136236
CCV07	Aluminum	10400	10000	104	90 - 110	P	06/23/2025	19:24	LB136236
	Antimony	5010	5000	100	90 - 110	P	06/23/2025	19:24	LB136236
	Arsenic	5220	5000	104	90 - 110	P	06/23/2025	19:24	LB136236
	Barium	10200	10000	102	90 - 110	P	06/23/2025	19:24	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	256	250	103	90 - 110	P	06/23/2025	19:24	LB136236
	Cadmium	2610	2500	104	90 - 110	P	06/23/2025	19:24	LB136236
	Calcium	24300	25000	97	90 - 110	P	06/23/2025	19:24	LB136236
	Chromium	996	1000	100	90 - 110	P	06/23/2025	19:24	LB136236
	Cobalt	2620	2500	105	90 - 110	P	06/23/2025	19:24	LB136236
	Copper	1280	1250	102	90 - 110	P	06/23/2025	19:24	LB136236
	Iron	4880	5000	98	90 - 110	P	06/23/2025	19:24	LB136236
	Lead	5240	5000	105	90 - 110	P	06/23/2025	19:24	LB136236
	Magnesium	24600	25000	98	90 - 110	P	06/23/2025	19:24	LB136236
	Manganese	2440	2500	98	90 - 110	P	06/23/2025	19:24	LB136236
	Nickel	2600	2500	104	90 - 110	P	06/23/2025	19:24	LB136236
	Potassium	24200	25000	97	90 - 110	P	06/23/2025	19:24	LB136236
	Selenium	5080	5000	102	90 - 110	P	06/23/2025	19:24	LB136236
	Silver	1250	1250	100	90 - 110	P	06/23/2025	19:24	LB136236
	Sodium	25300	25000	101	90 - 110	P	06/23/2025	19:24	LB136236
	Thallium	5210	5000	104	90 - 110	P	06/23/2025	19:24	LB136236
	Vanadium	2460	2500	98	90 - 110	P	06/23/2025	19:24	LB136236
	Zinc	2490	2500	100	90 - 110	P	06/23/2025	19:24	LB136236

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8070	8000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Antimony	4210	4000	105	90 - 110	P	06/25/2025	13:08	LB136273
	Arsenic	3960	4000	99	90 - 110	P	06/25/2025	13:08	LB136273
	Barium	8170	8000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Beryllium	207	200	104	90 - 110	P	06/25/2025	13:08	LB136273
	Cadmium	2020	2000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Calcium	20100	20000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Chromium	831	800	104	90 - 110	P	06/25/2025	13:08	LB136273
	Cobalt	2050	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Copper	1060	1000	106	90 - 110	P	06/25/2025	13:08	LB136273
	Iron	4100	4000	103	90 - 110	P	06/25/2025	13:08	LB136273
	Lead	3990	4000	100	90 - 110	P	06/25/2025	13:08	LB136273
	Magnesium	20300	20000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Manganese	2030	2000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Nickel	2040	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Potassium	19500	20000	98	90 - 110	P	06/25/2025	13:08	LB136273
	Selenium	4090	4000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Silver	1020	1000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Sodium	20100	20000	100	90 - 110	P	06/25/2025	13:08	LB136273
	Thallium	3950	4000	99	90 - 110	P	06/25/2025	13:08	LB136273
	Vanadium	2040	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Zinc	2060	2000	103	90 - 110	P	06/25/2025	13:08	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.0	100	99	80 - 120	P	06/25/2025	13:20	LB136273
	Antimony	55.5	50.0	111	80 - 120	P	06/25/2025	13:20	LB136273
	Arsenic	20.3	20.0	102	80 - 120	P	06/25/2025	13:20	LB136273
	Barium	106	100	106	80 - 120	P	06/25/2025	13:20	LB136273
	Beryllium	6.62	6.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Cadmium	5.93	6.0	99	80 - 120	P	06/25/2025	13:20	LB136273
	Calcium	2100	2000	105	80 - 120	P	06/25/2025	13:20	LB136273
	Chromium	10.1	10.0	101	80 - 120	P	06/25/2025	13:20	LB136273
	Cobalt	31.1	30.0	104	80 - 120	P	06/25/2025	13:20	LB136273
	Copper	22.0	20.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Iron	92.0	100	92	80 - 120	P	06/25/2025	13:20	LB136273
	Lead	13.2	12.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Magnesium	2340	2000	117	80 - 120	P	06/25/2025	13:20	LB136273
	Manganese	24.0	20.0	120	80 - 120	P	06/25/2025	13:20	LB136273
	Nickel	41.4	40.0	103	80 - 120	P	06/25/2025	13:20	LB136273
	Potassium	1700	2000	85	80 - 120	P	06/25/2025	13:20	LB136273
	Selenium	22.8	20.0	114	80 - 120	P	06/25/2025	13:20	LB136273
	Silver	10.6	10.0	106	80 - 120	P	06/25/2025	13:20	LB136273
	Sodium	1920	2000	96	80 - 120	P	06/25/2025	13:20	LB136273
	Thallium	41.7	40.0	104	80 - 120	P	06/25/2025	13:20	LB136273
	Vanadium	36.5	40.0	91	80 - 120	P	06/25/2025	13:20	LB136273
	Zinc	42.1	40.0	105	80 - 120	P	06/25/2025	13:20	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Antimony	5110	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Arsenic	5030	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Barium	10100	10000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Beryllium	266	250	106	90 - 110	P	06/25/2025	16:04	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Calcium	25500	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	16:04	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Copper	1310	1250	105	90 - 110	P	06/25/2025	16:04	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Lead	5060	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Magnesium	25400	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
	Nickel	2520	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Selenium	5090	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Silver	1280	1250	102	90 - 110	P	06/25/2025	16:04	LB136273
	Sodium	25600	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Thallium	5070	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Vanadium	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
CCV02	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Antimony	5100	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Arsenic	5030	5000	100	90 - 110	P	06/25/2025	16:57	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Beryllium	267	250	107	90 - 110	P	06/25/2025	16:57	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	16:57	LB136273
	Calcium	25600	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	16:57	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	16:57	LB136273
	Copper	1320	1250	106	90 - 110	P	06/25/2025	16:57	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Lead	5050	5000	101	90 - 110	P	06/25/2025	16:57	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25500	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Manganese	2570	2500	103	90 - 110	P	06/25/2025	16:57	LB136273
	Nickel	2510	2500	100	90 - 110	P	06/25/2025	16:57	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Selenium	5090	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Silver	1290	1250	103	90 - 110	P	06/25/2025	16:57	LB136273
	Sodium	25700	25000	103	90 - 110	P	06/25/2025	16:57	LB136273
	Thallium	5050	5000	101	90 - 110	P	06/25/2025	16:57	LB136273
	Vanadium	2560	2500	102	90 - 110	P	06/25/2025	16:57	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	16:57	LB136273
CCV03	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Antimony	5150	5000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Arsenic	5110	5000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Beryllium	258	250	103	90 - 110	P	06/25/2025	18:00	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	18:00	LB136273
	Calcium	25700	25000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	18:00	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	18:00	LB136273
	Copper	1270	1250	102	90 - 110	P	06/25/2025	18:00	LB136273
	Iron	5130	5000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Lead	5070	5000	101	90 - 110	P	06/25/2025	18:00	LB136273
	Magnesium	25600	25000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	18:00	LB136273
	Nickel	2520	2500	101	90 - 110	P	06/25/2025	18:00	LB136273
	Potassium	26900	25000	108	90 - 110	P	06/25/2025	18:00	LB136273
	Selenium	5180	5000	104	90 - 110	P	06/25/2025	18:00	LB136273
	Silver	1300	1250	104	90 - 110	P	06/25/2025	18:00	LB136273
	Sodium	25500	25000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Thallium	5070	5000	101	90 - 110	P	06/25/2025	18:00	LB136273
	Vanadium	2570	2500	103	90 - 110	P	06/25/2025	18:00	LB136273
	Zinc	2600	2500	104	90 - 110	P	06/25/2025	18:00	LB136273
CCV04	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Antimony	5090	5000	102	90 - 110	P	06/25/2025	18:55	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	06/25/2025	18:55	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Beryllium	269	250	108	90 - 110	P	06/25/2025	18:55	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	18:55	LB136273
	Calcium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	18:55	LB136273
	Cobalt	2520	2500	101	90 - 110	P	06/25/2025	18:55	LB136273
	Copper	1330	1250	106	90 - 110	P	06/25/2025	18:55	LB136273
	Iron	5150	5000	103	90 - 110	P	06/25/2025	18:55	LB136273
	Lead	5030	5000	101	90 - 110	P	06/25/2025	18:55	LB136273
	Magnesium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Manganese	2550	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
	Nickel	2510	2500	100	90 - 110	P	06/25/2025	18:55	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Selenium	5060	5000	101	90 - 110	P	06/25/2025	18:55	LB136273
	Silver	1280	1250	103	90 - 110	P	06/25/2025	18:55	LB136273
	Sodium	25900	25000	104	90 - 110	P	06/25/2025	18:55	LB136273
	Thallium	5020	5000	100	90 - 110	P	06/25/2025	18:55	LB136273
	Vanadium	2550	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
CCV05	Aluminum	10300	10000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Antimony	5150	5000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Arsenic	5070	5000	101	90 - 110	P	06/25/2025	19:52	LB136273
	Barium	10300	10000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Beryllium	271	250	108	90 - 110	P	06/25/2025	19:52	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	19:52	LB136273
	Calcium	25800	25000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Chromium	1050	1000	105	90 - 110	P	06/25/2025	19:52	LB136273
	Cobalt	2540	2500	102	90 - 110	P	06/25/2025	19:52	LB136273
	Copper	1340	1250	107	90 - 110	P	06/25/2025	19:52	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Lead	5080	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Magnesium	25600	25000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	19:52	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2530	2500	101	90 - 110	P	06/25/2025	19:52	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Selenium	5120	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Silver	1290	1250	103	90 - 110	P	06/25/2025	19:52	LB136273
	Sodium	26100	25000	104	90 - 110	P	06/25/2025	19:52	LB136273
	Thallium	5060	5000	101	90 - 110	P	06/25/2025	19:52	LB136273
	Vanadium	2570	2500	103	90 - 110	P	06/25/2025	19:52	LB136273
	Zinc	2570	2500	103	90 - 110	P	06/25/2025	19:52	LB136273
CCV06	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Antimony	5170	5000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Arsenic	5080	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Beryllium	267	250	107	90 - 110	P	06/25/2025	20:46	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Calcium	25400	25000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Chromium	1030	1000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Cobalt	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Copper	1330	1250	106	90 - 110	P	06/25/2025	20:46	LB136273
	Iron	5040	5000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Lead	5100	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Magnesium	25200	25000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Manganese	2510	2500	100	90 - 110	P	06/25/2025	20:46	LB136273
	Nickel	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Potassium	25200	25000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Selenium	5160	5000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Silver	1270	1250	102	90 - 110	P	06/25/2025	20:46	LB136273
	Sodium	25600	25000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Thallium	5110	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Vanadium	2540	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Zinc	2570	2500	103	90 - 110	P	06/25/2025	20:46	LB136273
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Antimony	5120	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Arsenic	5040	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Barium	10100	10000	102	90 - 110	P	06/25/2025	21:12	LB136273

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	259	250	104	90 - 110	P	06/25/2025	21:12	LB136273
	Cadmium	2540	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Calcium	25000	25000	100	90 - 110	P	06/25/2025	21:12	LB136273
	Chromium	1020	1000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Copper	1290	1250	103	90 - 110	P	06/25/2025	21:12	LB136273
	Iron	5050	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Lead	5060	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Magnesium	24800	25000	99	90 - 110	P	06/25/2025	21:12	LB136273
	Manganese	2480	2500	99	90 - 110	P	06/25/2025	21:12	LB136273
	Nickel	2540	2500	102	90 - 110	P	06/25/2025	21:12	LB136273
	Potassium	24900	25000	100	90 - 110	P	06/25/2025	21:12	LB136273
	Selenium	5120	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Silver	1250	1250	100	90 - 110	P	06/25/2025	21:12	LB136273
	Sodium	25200	25000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Thallium	5080	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Vanadium	2520	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	21:12	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	102	70 - 130	CV	06/20/2025	14:01	LB136216
CRI01	Aluminum	109	100	109	65 - 135	P	06/23/2025	13:23	LB136236
	Antimony	52.9	50.0	106	65 - 135	P	06/23/2025	13:23	LB136236
	Arsenic	18.0	20.0	90	65 - 135	P	06/23/2025	13:23	LB136236
	Barium	100	100	100	65 - 135	P	06/23/2025	13:23	LB136236
	Beryllium	6.35	6.0	106	65 - 135	P	06/23/2025	13:23	LB136236
	Cadmium	5.84	6.0	97	65 - 135	P	06/23/2025	13:23	LB136236
	Calcium	2020	2000	101	65 - 135	P	06/23/2025	13:23	LB136236
	Chromium	10.1	10.0	101	65 - 135	P	06/23/2025	13:23	LB136236
	Cobalt	31.2	30.0	104	65 - 135	P	06/23/2025	13:23	LB136236
	Copper	23.3	20.0	116	65 - 135	P	06/23/2025	13:23	LB136236
	Iron	94.8	100	95	65 - 135	P	06/23/2025	13:23	LB136236
	Lead	11.8	12.0	98	65 - 135	P	06/23/2025	13:23	LB136236
	Magnesium	2120	2000	106	65 - 135	P	06/23/2025	13:23	LB136236
	Manganese	20.4	20.0	102	65 - 135	P	06/23/2025	13:23	LB136236
	Nickel	40.7	40.0	102	65 - 135	P	06/23/2025	13:23	LB136236
	Potassium	1670	2000	83	65 - 135	P	06/23/2025	13:23	LB136236
	Selenium	17.5	20.0	88	65 - 135	P	06/23/2025	13:23	LB136236
	Silver	9.75	10.0	98	65 - 135	P	06/23/2025	13:23	LB136236
	Sodium	1870	2000	93	65 - 135	P	06/23/2025	13:23	LB136236
	Thallium	40.9	40.0	102	65 - 135	P	06/23/2025	13:23	LB136236
	Vanadium	34.3	40.0	86	65 - 135	P	06/23/2025	13:23	LB136236
	Zinc	40.3	40.0	101	65 - 135	P	06/23/2025	13:23	LB136236
CRI01	Aluminum	103	100	103	65 - 135	P	06/25/2025	15:24	LB136273
	Antimony	49.6	50.0	99	65 - 135	P	06/25/2025	15:24	LB136273
	Arsenic	16.5	20.0	82	65 - 135	P	06/25/2025	15:24	LB136273
	Barium	99.4	100	99	65 - 135	P	06/25/2025	15:24	LB136273
	Beryllium	6.43	6.0	107	65 - 135	P	06/25/2025	15:24	LB136273
	Cadmium	5.59	6.0	93	65 - 135	P	06/25/2025	15:24	LB136273
	Calcium	2000	2000	100	65 - 135	P	06/25/2025	15:24	LB136273
	Chromium	8.98	10.0	90	65 - 135	P	06/25/2025	15:24	LB136273
	Cobalt	29.9	30.0	100	65 - 135	P	06/25/2025	15:24	LB136273
	Copper	22.1	20.0	110	65 - 135	P	06/25/2025	15:24	LB136273
	Iron	107	100	107	65 - 135	P	06/25/2025	15:24	LB136273
	Lead	13.2	12.0	110	65 - 135	P	06/25/2025	15:24	LB136273

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2150	2000	108	65 - 135	P	06/25/2025	15:24	LB136273
	Manganese	24.3	20.0	122	65 - 135	P	06/25/2025	15:24	LB136273
	Nickel	38.6	40.0	96	65 - 135	P	06/25/2025	15:24	LB136273
	Potassium	1940	2000	97	65 - 135	P	06/25/2025	15:24	LB136273
	Selenium	20.3	20.0	102	65 - 135	P	06/25/2025	15:24	LB136273
	Silver	9.71	10.0	97	65 - 135	P	06/25/2025	15:24	LB136273
	Sodium	1870	2000	94	65 - 135	P	06/25/2025	15:24	LB136273
	Thallium	36.8	40.0	92	65 - 135	P	06/25/2025	15:24	LB136273
	Vanadium	42.8	40.0	107	65 - 135	P	06/25/2025	15:24	LB136273
	Zinc	39.7	40.0	99	65 - 135	P	06/25/2025	15:24	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	258000	250000	103	216000	294000	06/23/2025	13:34	LB136236
	Antimony	19.1			-50	50	06/23/2025	13:34	LB136236
	Arsenic	-7.00			-20	20	06/23/2025	13:34	LB136236
	Barium	7.03	6.0	117	-94	106	06/23/2025	13:34	LB136236
	Beryllium	1.14			-6	6	06/23/2025	13:34	LB136236
	Cadmium	-1.06	1.0	106	-5	7	06/23/2025	13:34	LB136236
	Calcium	236000	240000	98	208000	282000	06/23/2025	13:34	LB136236
	Chromium	50.3	52.0	97	42	62	06/23/2025	13:34	LB136236
	Cobalt	27.1			-30	30	06/23/2025	13:34	LB136236
	Copper	-9.01	2.0	450	-18	22	06/23/2025	13:34	LB136236
	Iron	99900	100000	100	85600	116500	06/23/2025	13:34	LB136236
	Lead	-2.88			-12	12	06/23/2025	13:34	LB136236
	Magnesium	250000	260000	96	216000	294000	06/23/2025	13:34	LB136236
	Manganese	6.23	7.0	89	-13	27	06/23/2025	13:34	LB136236
	Nickel	4.60	2.0	230	-38	42	06/23/2025	13:34	LB136236
	Potassium	8.86			0	0	06/23/2025	13:34	LB136236
	Selenium	-1.75			-20	20	06/23/2025	13:34	LB136236
	Silver	-0.54			-10	10	06/23/2025	13:34	LB136236
	Sodium	200			0	0	06/23/2025	13:34	LB136236
	Thallium	6.79			-40	40	06/23/2025	13:34	LB136236
	Vanadium	6.95			-40	40	06/23/2025	13:34	LB136236
	Zinc	11.2			-40	40	06/23/2025	13:34	LB136236
ICSAB01	Aluminum	249000	250000	100	209000	285000	06/23/2025	13:43	LB136236
	Antimony	618	620	100	525	711	06/23/2025	13:43	LB136236
	Arsenic	94.5	100	94	88.4	120	06/23/2025	13:43	LB136236
	Barium	505	540	94	437	637	06/23/2025	13:43	LB136236
	Beryllium	513	500	103	420	570	06/23/2025	13:43	LB136236
	Cadmium	1030	970	106	826	1120	06/23/2025	13:43	LB136236
	Calcium	226000	230000	98	199000	271000	06/23/2025	13:43	LB136236
	Chromium	543	540	101	460	624	06/23/2025	13:43	LB136236
	Cobalt	531	480	111	404	548	06/23/2025	13:43	LB136236
	Copper	478	510	94	434	588	06/23/2025	13:43	LB136236
	Iron	96200	99000	97	84400	114500	06/23/2025	13:43	LB136236
	Lead	45.9	49.0	94	37	61	06/23/2025	13:43	LB136236
	Magnesium	240000	250000	96	210000	286000	06/23/2025	13:43	LB136236
	Manganese	486	510	95	430	584	06/23/2025	13:43	LB136236
	Nickel	1010	950	106	810	1100	06/23/2025	13:43	LB136236
	Potassium	5.91			0	0	06/23/2025	13:43	LB136236
	Selenium	52.0	46.0	113	26	66	06/23/2025	13:43	LB136236
	Silver	209	200	104	170	232	06/23/2025	13:43	LB136236
	Sodium	192			0	0	06/23/2025	13:43	LB136236
	Thallium	98.9	110	90	68	148	06/23/2025	13:43	LB136236

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	490	490	100	417	565	06/23/2025	13:43	LB136236
	Zinc	1010	950	106	809	1095	06/23/2025	13:43	LB136236
ICSA01	Aluminum	261000	250000	104	216000	294000	06/25/2025	15:29	LB136273
	Antimony	23.7			-50	50	06/25/2025	15:29	LB136273
	Arsenic	-0.86			-20	20	06/25/2025	15:29	LB136273
	Barium	5.64	6.0	94	-94	106	06/25/2025	15:29	LB136273
	Beryllium	1.13			-6	6	06/25/2025	15:29	LB136273
	Cadmium	-2.31	1.0	231	-5	7	06/25/2025	15:29	LB136273
	Calcium	248000	240000	103	208000	282000	06/25/2025	15:29	LB136273
	Chromium	52.4	52.0	101	42	62	06/25/2025	15:29	LB136273
	Cobalt	22.6			-30	30	06/25/2025	15:29	LB136273
	Copper	-9.16	2.0	458	-18	22	06/25/2025	15:29	LB136273
	Iron	104000	100000	104	85600	116500	06/25/2025	15:29	LB136273
	Lead	0.032			-12	12	06/25/2025	15:29	LB136273
	Magnesium	259000	260000	100	216000	294000	06/25/2025	15:29	LB136273
	Manganese	7.58	7.0	108	-13	27	06/25/2025	15:29	LB136273
	Nickel	4.65	2.0	232	-38	42	06/25/2025	15:29	LB136273
	Potassium	6.15			0	0	06/25/2025	15:29	LB136273
	Selenium	1.93			-20	20	06/25/2025	15:29	LB136273
	Silver	-7.28			-10	10	06/25/2025	15:29	LB136273
	Sodium	207			0	0	06/25/2025	15:29	LB136273
	Thallium	3.18			-40	40	06/25/2025	15:29	LB136273
	Vanadium	3.48			-40	40	06/25/2025	15:29	LB136273
	Zinc	12.9			-40	40	06/25/2025	15:29	LB136273
ICSAB01	Aluminum	249000	250000	100	209000	285000	06/25/2025	15:51	LB136273
	Antimony	617	620	100	525	711	06/25/2025	15:51	LB136273
	Arsenic	92.4	100	92	88.4	120	06/25/2025	15:51	LB136273
	Barium	501	540	93	437	637	06/25/2025	15:51	LB136273
	Beryllium	523	500	105	420	570	06/25/2025	15:51	LB136273
	Cadmium	985	970	102	826	1120	06/25/2025	15:51	LB136273
	Calcium	239000	230000	104	199000	271000	06/25/2025	15:51	LB136273
	Chromium	555	540	103	460	624	06/25/2025	15:51	LB136273
	Cobalt	507	480	106	404	548	06/25/2025	15:51	LB136273
	Copper	483	510	95	434	588	06/25/2025	15:51	LB136273
	Iron	101000	99000	102	84400	114500	06/25/2025	15:51	LB136273
	Lead	49.4	49.0	101	37	61	06/25/2025	15:51	LB136273
	Magnesium	249000	250000	100	210000	286000	06/25/2025	15:51	LB136273
	Manganese	498	510	98	430	584	06/25/2025	15:51	LB136273
	Nickel	968	950	102	810	1100	06/25/2025	15:51	LB136273
	Potassium	4.79			0	0	06/25/2025	15:51	LB136273
	Selenium	48.1	46.0	105	26	66	06/25/2025	15:51	LB136273
	Silver	206	200	103	170	232	06/25/2025	15:51	LB136273

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	209			0	0	06/25/2025	15:51	LB136273
	Thallium	96.1	110	87	68	148	06/25/2025	15:51	LB136273
	Vanadium	488	490	100	417	565	06/25/2025	15:51	LB136273
	Zinc	1020	950	107	809	1095	06/25/2025	15:51	LB136273

METAL QC DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364

contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364

matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMS

Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MS **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3690		3370		100	313		P
Antimony	mg/Kg	75 - 125	22.4		3.06		41.0	47	N	P
Arsenic	mg/Kg	75 - 125	41.0		0.40	J	41.0	99		P
Barium	mg/Kg	75 - 125	19.7		14.2		10.3	54	N	P
Beryllium	mg/Kg	75 - 125	9.73		0.19	J	10.3	93		P
Cadmium	mg/Kg	75 - 125	10.7		0.55		10.3	99		P
Calcium	mg/Kg	75 - 125	510		951		51.3	-859		P
Chromium	mg/Kg	75 - 125	170		152		20.5	88		P
Cobalt	mg/Kg	75 - 125	12.5		2.74		10.3	96		P
Copper	mg/Kg	75 - 125	141		85.4		15.4	362		P
Iron	mg/Kg	75 - 125	4830		5660		150	-544		P
Lead	mg/Kg	75 - 125	56.9		16.0		51.3	80		P
Magnesium	mg/Kg	75 - 125	753		788		100	-35		P
Manganese	mg/Kg	75 - 125	36.7		40.5		10.3	-36	N	P
Nickel	mg/Kg	75 - 125	59.2		30.4		25.6	112		P
Potassium	mg/Kg	75 - 125	662		241		510	82		P
Selenium	mg/Kg	75 - 125	92.2		1.63		100	88		P
Silver	mg/Kg	75 - 125	3.43		0.13	J	3.8	86		P
Sodium	mg/Kg	75 - 125	213		111		150	66	N	P
Thallium	mg/Kg	75 - 125	103		2.07	U	100	100		P
Vanadium	mg/Kg	75 - 125	20.3		7.19		15.4	85		P
Zinc	mg/Kg	75 - 125	82.1		82.1		10.3	0		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364

contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364

matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMSD

Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MSD **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3580		3370		97.5	216		P
Antimony	mg/Kg	75 - 125	21.1		3.06		39.0	46	N	P
Arsenic	mg/Kg	75 - 125	38.4		0.40	J	39.0	97		P
Barium	mg/Kg	75 - 125	19.8		14.2		9.7	57	N	P
Beryllium	mg/Kg	75 - 125	9.02		0.19	J	9.7	91		P
Cadmium	mg/Kg	75 - 125	10.1		0.55		9.7	98		P
Calcium	mg/Kg	75 - 125	579		951		48.7	-764		P
Chromium	mg/Kg	75 - 125	167		152		19.5	78		P
Cobalt	mg/Kg	75 - 125	12.0		2.74		9.7	95		P
Copper	mg/Kg	75 - 125	94.9		85.4		14.6	65		P
Iron	mg/Kg	75 - 125	4990		5660		150	-463		P
Lead	mg/Kg	75 - 125	54.9		16.0		48.7	80		P
Magnesium	mg/Kg	75 - 125	822		788		97.5	35		P
Manganese	mg/Kg	75 - 125	39.7		40.5		9.7	-8		P
Nickel	mg/Kg	75 - 125	52.9		30.4		24.4	93		P
Potassium	mg/Kg	75 - 125	638		241		490	81		P
Selenium	mg/Kg	75 - 125	85.8		1.63		97.5	86		P
Silver	mg/Kg	75 - 125	3.31		0.13	J	3.7	87		P
Sodium	mg/Kg	75 - 125	200		111		150	61	N	P
Thallium	mg/Kg	75 - 125	96.3		2.07	U	97.5	99		P
Vanadium	mg/Kg	75 - 125	19.3		7.19		14.6	83		P
Zinc	mg/Kg	75 - 125	70.6		82.1		9.7	-118		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364

contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364

matrix: Solid **sample id:** Q2367-05 **client id:** EP-5MS

Percent Solids for Sample: 89.2 **Spiked ID:** Q2367-05MS **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.015	U	0.28	99		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2364

contract: GENV01 **lab code:** CHEM **case no.:** Q2364 **sas no.:** Q2364

matrix: Solid **sample id:** Q2367-05 **client id:** EP-5MSD

Percent Solids for Sample: 89.2 **Spiked ID:** Q2367-05MSD **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.015	U	0.29	93		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Matrix: Solid **Level:** LOW **Client ID:** GAV1BA

Sample ID: Q2364-02 **Spiked ID:** Q2364-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	39.6		3.06		41.4	88		P
Barium	mg/Kg	75 - 125	22.6		14.2		10.4	81		P
Manganese	mg/Kg	75 - 125	48.0		40.5		10.4	73	N	P
Sodium	mg/Kg	75 - 125	233		111		160	76		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Matrix: Solid **Sample ID:** Q2364-02 **Client ID:** GAV1BDUP

Percent Solids for Sample: 85.5 **Duplicate ID** Q2364-02DUP **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3370		3140		7		P
Antimony	mg/Kg	20	3.06		2.64		15		P
Arsenic	mg/Kg	20	0.40	J	0.76	J	61		P
Barium	mg/Kg	20	14.2		12.3		14		P
Beryllium	mg/Kg	20	0.19	J	0.17	J	11		P
Cadmium	mg/Kg	20	0.55		0.43		23	*	P
Calcium	mg/Kg	20	951		517		59	*	P
Chromium	mg/Kg	20	152		140		8		P
Cobalt	mg/Kg	20	2.74		2.22		21	*	P
Copper	mg/Kg	20	85.4		39.7		73	*	P
Iron	mg/Kg	20	5660		4870		15		P
Lead	mg/Kg	20	16.0		7.07		77	*	P
Magnesium	mg/Kg	20	788		699		12		P
Manganese	mg/Kg	20	40.5		31.8		24	*	P
Nickel	mg/Kg	20	30.4		24.8		20		P
Potassium	mg/Kg	20	241		226		6		P
Selenium	mg/Kg	20	1.63		1.57		4		P
Silver	mg/Kg	20	0.13	J	0.48	U	200.0		P
Sodium	mg/Kg	20	111		70.0	J	45		P
Thallium	mg/Kg	20	2.07	U	1.92	U			P
Vanadium	mg/Kg	20	7.19		6.00		18		P
Zinc	mg/Kg	20	82.1		54.4		41	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Matrix: Solid **Sample ID:** Q2364-02MS **Client ID:** GAV1BMSD

Percent Solids for Sample: 85.5 **Duplicate ID** Q2364-02MSD **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3690		3580		3		P
Antimony	mg/Kg	20	22.4		21.1		6		P
Arsenic	mg/Kg	20	41.0		38.4		7		P
Barium	mg/Kg	20	19.7		19.8		1		P
Beryllium	mg/Kg	20	9.73		9.02		8		P
Cadmium	mg/Kg	20	10.7		10.1		6		P
Calcium	mg/Kg	20	510		579		13		P
Chromium	mg/Kg	20	170		167		2		P
Cobalt	mg/Kg	20	12.5		12.0		4		P
Copper	mg/Kg	20	141		94.9		39	*	P
Iron	mg/Kg	20	4830		4990		3		P
Lead	mg/Kg	20	56.9		54.9		4		P
Magnesium	mg/Kg	20	753		822		9		P
Manganese	mg/Kg	20	36.7		39.7		8		P
Nickel	mg/Kg	20	59.2		52.9		11		P
Potassium	mg/Kg	20	662		638		4		P
Selenium	mg/Kg	20	92.2		85.8		7		P
Silver	mg/Kg	20	3.43		3.31		4		P
Sodium	mg/Kg	20	213		200		6		P
Thallium	mg/Kg	20	103		96.3		7		P
Vanadium	mg/Kg	20	20.3		19.3		5		P
Zinc	mg/Kg	20	82.1		70.6		15		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Matrix: Solid **Sample ID:** Q2367-05 **Client ID:** EP-5DUP

Percent Solids for Sample: 89.2 **Duplicate ID** Q2367-05DUP **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.015	U	0.015	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Matrix: Solid **Sample ID:** Q2367-05MS **Client ID:** EP-5MSD

Percent Solids for Sample: 89.2 **Duplicate ID** Q2367-05MSD **Percent Solids for Spike Sample:** 89.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.28		0.27		3		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168564BS							
Aluminum	mg/Kg	100	103		103	80 - 120	P
Antimony	mg/Kg	40.0	38.9		97	80 - 120	P
Arsenic	mg/Kg	40.0	37.4		94	80 - 120	P
Barium	mg/Kg	10.0	10.0		100	80 - 120	P
Beryllium	mg/Kg	10.0	10.5		105	80 - 120	P
Cadmium	mg/Kg	10.0	9.75		98	80 - 120	P
Calcium	mg/Kg	50.0	50.8	J	102	80 - 120	P
Chromium	mg/Kg	20.0	20.0		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.97		100	80 - 120	P
Copper	mg/Kg	15.0	16.0		107	80 - 120	P
Iron	mg/Kg	150	155		103	80 - 120	P
Lead	mg/Kg	50.0	49.0		98	80 - 120	P
Magnesium	mg/Kg	100	100		100	80 - 120	P
Manganese	mg/Kg	10.0	10.2		102	80 - 120	P
Nickel	mg/Kg	25.0	25.0		100	80 - 120	P
Potassium	mg/Kg	500	403		81	80 - 120	P
Selenium	mg/Kg	100	98.8		99	80 - 120	P
Silver	mg/Kg	3.8	3.72		98	80 - 120	P
Sodium	mg/Kg	150	142		95	80 - 120	P
Thallium	mg/Kg	100	105		105	80 - 120	P
Vanadium	mg/Kg	15.0	14.6		97	80 - 120	P
Zinc	mg/Kg	10.0	10.1		101	80 - 120	P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168569BS							
Mercury	mg/Kg	0.25	0.27		107	80 - 120	CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

GAV1BL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136236 **Lab Sample ID :** Q2364-02L **SDG No.:** Q2364

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	3370		3750		11		P
Antimony	3.06		2.83	J	8		P
Arsenic	0.40	J	5.18	U	100.0		P
Barium	14.2		15.7	J	10		P
Beryllium	0.19	J	0.22	J	14		P
Cadmium	0.55		0.50	J	10		P
Calcium	951		1050		10		P
Chromium	152		166		9		P
Cobalt	2.74		2.80	J	2		P
Copper	85.4		95.0		11		P
Iron	5660		6200		10		P
Lead	16.0		15.8		2		P
Magnesium	788		869		10		P
Manganese	40.5		44.7		11		P
Nickel	30.4		29.5		3		P
Potassium	241		217	J	10		P
Selenium	1.63		1.53	J	6		P
Silver	0.13	J	2.59	U	100.0		P
Sodium	111		123	J	11		P
Thallium	2.07	U	10.3	U			P
Vanadium	7.19		8.33	J	16		P
Zinc	82.1		89.2		9		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

EP-5L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136216 **Lab Sample ID :** Q2367-05L **SDG No.:** Q2364

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.015	U	0.074	U			CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2364 **Sas no.:** Q2364 **Sdg no.:** Q2364

Instrument id number: **Method:** **Run number:** LB136216

Start date: 06/20/2025 **End date:** 06/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1331	HG
S0.2	S0.2	1	1337	HG
S2.5	S2.5	1	1339	HG
S5	S5	1	1341	HG
S7.5	S7.5	1	1347	HG
S10	S10	1	1349	HG
ICV47	ICV47	1	1352	HG
ICB47	ICB47	1	1354	HG
CCV69	CCV69	1	1356	HG
CCB69	CCB69	1	1359	HG
CRA	CRA	1	1401	HG
PB168569BL	PB168569BL	1	1408	HG
PB168569BS	PB168569BS	1	1410	HG
Q2364-01	GAV1A	1	1417	HG
Q2364-02	GAV1B	1	1420	HG
Q2364-03	GAV2A	1	1422	HG
CCV70	CCV70	1	1424	HG
CCB70	CCB70	1	1427	HG
Q2367-05DUP	EP-5DUP	1	1436	HG
Q2367-05MS	EP-5MS	1	1439	HG
Q2367-05MSD	EP-5MSD	1	1441	HG
Q2367-05L	EP-5L	5	1443	HG
Q2364-04	GAV2B	5	1448	HG
CCV71	CCV71	1	1450	HG
CCB71	CCB71	1	1453	HG

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2364 **Sas no.:** Q2364 **Sdg no.:** Q2364

Instrument id number: **Method:** **Run number:** LB136236

Start date: 06/23/2025 **End date:** 06/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1202	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1207	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1234	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1309	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1343	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1356	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1458	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168564BL	PB168564BL	1	1511	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168564BS	PB168564BS	1	1516	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1552	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-01	GAV1A	1	1633	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02	GAV1B	1	1637	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1651	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02DUP	GAV1BDUP	1	1701	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02L	GAV1BL	5	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02MS	GAV1BMS	1	1710	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02MSD	GAV1BMSD	1	1714	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-02A	GAV1BA	1	1719	Ba,Mn,Na,Sb
Q2364-03	GAV2A	1	1723	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-04	GAV2B	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV05	CCV05	1	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1839	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1843	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1928	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2364 **Sas no.:** Q2364 **Sdg no.:** Q2364

Instrument id number: **Method:** **Run number:** LB136273

Start date: 06/25/2025 **End date:** 06/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1236	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1308	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1609	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1657	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1709	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2364-04	GAV2B	10	1715	Zn
CCV03	CCV03	1	1800	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1807	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1855	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1859	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2050	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2364 **SAS No.:** Q2364

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2364	**OrderDate:**	6/18/2025 4:07:57 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2364-01	**GAV1A**	**SOIL**			**06/18/25**			**06/18/25**
			Mercury	7471B		06/20/25	06/20/25	
			Metals ICP-TAL	6010D		06/20/25	06/23/25	
Q2364-02	**GAV1B**	**SOIL**			**06/18/25**			**06/18/25**
			Mercury	7471B		06/20/25	06/20/25	
			Metals ICP-TAL	6010D		06/20/25	06/23/25	
Q2364-03	**GAV2A**	**SOIL**			**06/18/25**			**06/18/25**
			Mercury	7471B		06/20/25	06/20/25	
			Metals ICP-TAL	6010D		06/20/25	06/23/25	
Q2364-04	**GAV2B**	**SOIL**			**06/18/25**			**06/18/25**
			Mercury	7471B		06/20/25	06/20/25	
			Metals ICP-TAL	6010D		06/20/25	06/23/25	
			Metals ICP-TAL	6010D		06/20/25	06/25/25	

METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2364 **SAS No.:** Q2364

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168564**						
PB168564BL	PB168564BL	MB	SOLID	06/20/2025	2.00	100.0	100.00
PB168564BS	PB168564BS	LCS	SOLID	06/20/2025	2.00	100.0	100.00
Q2364-01	GAV1A	SAM	SOLID	06/20/2025	2.41	100.0	79.80
Q2364-02	GAV1B	SAM	SOLID	06/20/2025	2.26	100.0	85.50
Q2364-02DUP	GAV1BDUP	DUP	SOLID	06/20/2025	2.44	100.0	85.50
Q2364-02MS	GAV1BMS	MS	SOLID	06/20/2025	2.28	100.0	85.50
Q2364-02MSD	GAV1BMSD	MSD	SOLID	06/20/2025	2.40	100.0	85.50
Q2364-03	GAV2A	SAM	SOLID	06/20/2025	2.13	100.0	82.30
Q2364-04	GAV2B	SAM	SOLID	06/20/2025	2.20	100.0	76.60

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2364

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2364 **SAS No.:** Q2364

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168569**						
PB168569BL	PB168569BL	MB	SOLID	06/20/2025	0.53	35.0	100.00
PB168569BS	PB168569BS	LCS	SOLID	06/20/2025	0.55	35.0	100.00
Q2364-01	GAV1A	SAM	SOLID	06/20/2025	0.55	35.0	79.80
Q2364-02	GAV1B	SAM	SOLID	06/20/2025	0.53	35.0	85.50
Q2364-03	GAV2A	SAM	SOLID	06/20/2025	0.54	35.0	82.30
Q2364-04	GAV2B	SAM	SOLID	06/20/2025	0.51	35.0	76.60
Q2367-05DUP	EP-5DUP	DUP	SOLID	06/20/2025	0.52	35.0	89.20
Q2367-05MS	EP-5MS	MS	SOLID	06/20/2025	0.57	35.0	89.20
Q2367-05MSD	EP-5MSD	MSD	SOLID	06/20/2025	0.54	35.0	89.20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136216

Review By	jaswal	Review On	6/23/2025 11:31:03 PM
Supervise By	Janvi	Supervise On	6/25/2025 8:44:08 AM

STD. NAME	STD REF.#
ICAL Standard	MP836020,MP836021,MP836022,MP836023,MP836024,MP836025
ICV Standard	MP836026
CCV Standard	MP836028
ICSA Standard	
CRI Standard	MP836030
LCS Standard	
Chk Standard	MP836027,MP836029,MP836031,MP836033

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/20/25 13:31		MOHAN	OK
2	S0.2	S0.2	CAL2	06/20/25 13:37		MOHAN	OK
3	S2.5	S2.5	CAL3	06/20/25 13:39		MOHAN	OK
4	S5	S5	CAL4	06/20/25 13:41		MOHAN	OK
5	S7.5	S7.5	CAL5	06/20/25 13:47		MOHAN	OK
6	S10	S10	CAL6	06/20/25 13:49		MOHAN	OK
7	ICV47	ICV47	ICV	06/20/25 13:52		MOHAN	OK
8	ICB47	ICB47	ICB	06/20/25 13:54		MOHAN	OK
9	CCV69	CCV69	CCV	06/20/25 13:56		MOHAN	OK
10	CCB69	CCB69	CCB	06/20/25 13:59		MOHAN	OK
11	CRA	CRA	CRDL	06/20/25 14:01		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/20/25 14:03		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/20/25 14:06		MOHAN	OK
14	PB168569BL	PB168569BL	MB	06/20/25 14:08		MOHAN	OK
15	PB168569BS	PB168569BS	LCS	06/20/25 14:10		MOHAN	OK
16	Q2362-01	TP-11	SAM	06/20/25 14:13		MOHAN	OK
17	Q2362-05	EP-6	SAM	06/20/25 14:15		MOHAN	OK
18	Q2364-01	GAV1A	SAM	06/20/25 14:17		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136216

Review By	jaswal	Review On	6/23/2025 11:31:03 PM
Supervise By	Janvi	Supervise On	6/25/2025 8:44:08 AM

STD. NAME	STD REF.#
ICAL Standard	MP836020,MP836021,MP836022,MP836023,MP836024,MP836025
ICV Standard	MP836026
CCV Standard	MP836028
ICSA Standard	
CRI Standard	MP836030
LCS Standard	
Chk Standard	MP836027,MP836029,MP836031,MP836033

19	Q2364-02	GAV1B	SAM	06/20/25 14:20		MOHAN	OK
20	Q2364-03	GAV2A	SAM	06/20/25 14:22		MOHAN	OK
21	CCV70	CCV70	CCV	06/20/25 14:24		MOHAN	OK
22	CCB70	CCB70	CCB	06/20/25 14:27		MOHAN	OK
23	Q2364-04	GAV2B	SAM	06/20/25 14:29	Hg high	MOHAN	Dilution
24	Q2367-01	EP-4	SAM	06/20/25 14:31		MOHAN	OK
25	Q2367-05	EP-5	SAM	06/20/25 14:34		MOHAN	OK
26	Q2367-05DUP	EP-5DUP	DUP	06/20/25 14:36		MOHAN	OK
27	Q2367-05MS	EP-5MS	MS	06/20/25 14:39		MOHAN	OK
28	Q2367-05MSD	EP-5MSD	MSD	06/20/25 14:41		MOHAN	OK
29	Q2367-05L	EP-5L	SD	06/20/25 14:43		MOHAN	OK
30	Q2367-05A	EP-5A	PS	06/20/25 14:46		MOHAN	OK
31	Q2364-04DL	GAV2BDL	SAM	06/20/25 14:48	5X for Hg	MOHAN	Confirms
32	CCV71	CCV71	CCV	06/20/25 14:50		MOHAN	OK
33	CCB71	CCB71	CCB	06/20/25 14:53		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/23/25 11:53		jaswal	OK
2	S1	S1	CAL2	06/23/25 11:58		jaswal	OK
3	S2	S2	CAL3	06/23/25 12:02		jaswal	OK
4	S3	S3	CAL4	06/23/25 12:07		jaswal	OK
5	S4	S4	CAL5	06/23/25 12:11		jaswal	OK
6	S5	S5	CAL6	06/23/25 12:15		jaswal	OK
7	ICV01	ICV01	ICV	06/23/25 12:34		jaswal	OK
8	LLICV01	LLICV01	LLICV	06/23/25 13:09		jaswal	OK
9	ICB01	ICB01	ICB	06/23/25 13:19		jaswal	OK
10	CRI01	CRI01	CRDL	06/23/25 13:23		jaswal	OK
11	ICSA01	ICSA01	ICSA	06/23/25 13:34		jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/23/25 13:43		jaswal	OK
13	ICSADL	ICSADL	ICSA	06/23/25 13:47		jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/23/25 13:52		jaswal	OK
15	CCV01	CCV01	CCV	06/23/25 13:56		jaswal	OK
16	CCB01	CCB01	CCB	06/23/25 14:05		jaswal	OK
17	Q2347-01	TP-10	SAM	06/23/25 14:09		jaswal	OK
18	Q2354-01	3321	SAM	06/23/25 14:14		jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2355-01	3897	SAM	06/23/25 14:18		jaswal	OK
20	Q2355-03	20071	SAM	06/23/25 14:22		jaswal	OK
21	PB168553BL	PB168553BL	MB	06/23/25 14:27		jaswal	OK
22	PB168553BS	PB168553BS	LCS	06/23/25 14:31		jaswal	OK
23	PB168535BL	PB168535BL	MB	06/23/25 14:36		jaswal	OK
24	PB168535BS	PB168535BS	LCS	06/23/25 14:40		jaswal	OK
25	PB168514TB	PB168514TB	MB	06/23/25 14:44		jaswal	OK
26	PB168544TB	PB168544TB	MB	06/23/25 14:49		jaswal	OK
27	CCV02	CCV02	CCV	06/23/25 14:54		jaswal	OK
28	CCB02	CCB02	CCB	06/23/25 14:58		jaswal	OK
29	PB168565BL	PB168565BL	MB	06/23/25 15:02		jaswal	OK
30	PB168565BS	PB168565BS	LCS	06/23/25 15:07		jaswal	OK
31	PB168564BL	PB168564BL	MB	06/23/25 15:11		jaswal	OK
32	PB168564BS	PB168564BS	LCS	06/23/25 15:16		jaswal	OK
33	Q2354-02	3321	SAM	06/23/25 15:20		jaswal	OK
34	Q2355-02	3897	SAM	06/23/25 15:25		jaswal	OK
35	Q2362-04	TP-11	SAM	06/23/25 15:29	Not required	jaswal	Not Ok
36	Q2362-08	EP-6	SAM	06/23/25 15:34		jaswal	OK
37	Q2367-04	EP-4	SAM	06/23/25 15:38	Not Required	jaswal	Not Ok
38	Q2367-08	EP-5	SAM	06/23/25 15:43		jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCV03	CCV03	CCV	06/23/25 15:47		jaswal	OK
40	CCB03	CCB03	CCB	06/23/25 15:52		jaswal	OK
41	Q2367-08DUP	EP-5DUP	DUP	06/23/25 15:57		jaswal	OK
42	Q2367-08L	EP-5L	SD	06/23/25 16:02		jaswal	OK
43	Q2367-08MS	EP-5MS	MS	06/23/25 16:06		jaswal	OK
44	Q2367-08MSD	EP-5MSD	MSD	06/23/25 16:11		jaswal	OK
45	Q2367-08A	EP-5A	PS	06/23/25 16:15		jaswal	OK
46	Q2362-01	TP-11	SAM	06/23/25 16:20		jaswal	OK
47	Q2362-05	EP-6	SAM	06/23/25 16:24		jaswal	OK
48	Q2363-01	GCAP1	SAM	06/23/25 16:28		jaswal	OK
49	Q2364-01	GAV1A	SAM	06/23/25 16:33		jaswal	OK
50	Q2364-02	GAV1B	SAM	06/23/25 16:37		jaswal	OK
51	CCV04	CCV04	CCV	06/23/25 16:51		jaswal	OK
52	CCB04	CCB04	CCB	06/23/25 16:56		jaswal	OK
53	Q2364-02DUP	GAV1BDUP	DUP	06/23/25 17:01		jaswal	OK
54	Q2364-02L	GAV1BL	SD	06/23/25 17:06		jaswal	OK
55	Q2364-02MS	GAV1BMS	MS	06/23/25 17:10		jaswal	OK
56	Q2364-02MSD	GAV1BMSD	MSD	06/23/25 17:14		jaswal	OK
57	Q2364-02A	GAV1BA	PS	06/23/25 17:19		jaswal	OK
58	Q2364-03	GAV2A	SAM	06/23/25 17:23		jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2364-04	GAV2B	SAM	06/23/25 17:27	Zn high	jaswal	Dilution
60	Q2367-01	EP-4	SAM	06/23/25 17:32		jaswal	OK
61	Q2367-05	EP-5	SAM	06/23/25 17:36		jaswal	OK
62	Q2371-04	RPXY42025	SAM	06/23/25 17:41		jaswal	OK
63	CCV05	CCV05	CCV	06/23/25 17:45		jaswal	OK
64	CCB05	CCB05	CCB	06/23/25 17:49		jaswal	OK
65	Q2371-05	BBX42025	SAM	06/23/25 17:54		jaswal	OK
66	PB168551BL	PB168551BL	MB	06/23/25 17:58	NOT USE	jaswal	Not Ok
67	PB168551BS	PB168551BS	LCS	06/23/25 18:03	NOT USE	jaswal	Not Ok
68	Q2351-01	FAIRLAWN-SUMP	SAM	06/23/25 18:07		jaswal	OK
69	Q2354-05	3311	SAM	06/23/25 18:12	K oversaturated	jaswal	Dilution
70	Q2344-01	MW-1	SAM	06/23/25 18:16		jaswal	OK
71	Q2344-02	MW-1	SAM	06/23/25 18:20		jaswal	OK
72	Q2344-03	MW-3	SAM	06/23/25 18:25		jaswal	OK
73	Q2344-04	MW-3	SAM	06/23/25 18:30		jaswal	OK
74	Q2344-05	MW-4	SAM	06/23/25 18:34		jaswal	OK
75	CCV06	CCV06	CCV	06/23/25 18:39		jaswal	OK
76	CCB06	CCB06	CCB	06/23/25 18:43		jaswal	OK
77	Q2344-06	MW-4	SAM	06/23/25 18:48		jaswal	OK
78	Q2344-07	MW-2	SAM	06/23/25 18:52		jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

79	Q2344-07DUP	MW-2DUP	DUP	06/23/25 18:57		jaswal	OK
80	Q2344-07L	MW-2L	SD	06/23/25 19:02		jaswal	OK
81	Q2344-07MS	MW-2MS	MS	06/23/25 19:06		jaswal	OK
82	Q2344-07MSD	MW-2MSD	MSD	06/23/25 19:10		jaswal	OK
83	Q2344-07A	MW-2A	PS	06/23/25 19:15		jaswal	OK
84	Q2344-08	MW-2	SAM	06/23/25 19:19		jaswal	OK
85	CCV07	CCV07	CCV	06/23/25 19:24		jaswal	OK
86	CCB07	CCB07	CCB	06/23/25 19:28		jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/25/25 12:23		Jaswal	OK
2	S1	S1	CAL2	06/25/25 12:27		Jaswal	OK
3	S2	S2	CAL3	06/25/25 12:32		Jaswal	OK
4	S3	S3	CAL4	06/25/25 12:36		Jaswal	OK
5	S4	S4	CAL5	06/25/25 12:40		Jaswal	OK
6	S5	S5	CAL6	06/25/25 12:44		Jaswal	OK
7	ICV01	ICV01	ICV	06/25/25 13:08	ICV fail for Sb,Cu (200.7) (95-105)	Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/25/25 13:20		Jaswal	OK
9	ICB01	ICB01	ICB	06/25/25 14:53		Jaswal	OK
10	CRI01	CRI01	CRDL	06/25/25 15:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/25/25 15:29		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/25/25 15:51		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/25/25 15:55		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/25/25 15:59		Jaswal	OK
15	CCV01	CCV01	CCV	06/25/25 16:04		Jaswal	OK
16	CCB01	CCB01	CCB	06/25/25 16:09		Jaswal	OK
17	Q2385-01	A5311	SAM	06/25/25 16:13		Jaswal	OK
18	Q2385-01DUP	A5311DUP	DUP	06/25/25 16:17		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2385-01L	A5311L	SD	06/25/25 16:22		Jaswal	OK
20	Q2385-01MS	A5311MS	MS	06/25/25 16:26		Jaswal	OK
21	Q2385-01MSD	A5311MSD	MSD	06/25/25 16:31		Jaswal	OK
22	Q2385-01A	A5311A	PS	06/25/25 16:35		Jaswal	OK
23	Q2354-05DL	3311DL	SAM	06/25/25 16:39	5X for K	Jaswal	Confirms
24	Q2355-02	3897	SAM	06/25/25 16:44		Jaswal	OK
25	Q2362-04	TP-11	SAM	06/25/25 16:48		Jaswal	OK
26	Q2364-04DL	GAV2BDL	SAM	06/25/25 16:53	5X for Zn,Still high	Jaswal	Dilution
27	CCV02	CCV02	CCV	06/25/25 16:57		Jaswal	OK
28	CCB02	CCB02	CCB	06/25/25 17:09		Jaswal	OK
29	Q2364-04DL2	GAV2BDL2	SAM	06/25/25 17:15	10X for Zn	Jaswal	Confirms
30	Q2380-03DL	VNJ-211DL	SAM	06/25/25 17:24	5X for Na	Jaswal	Confirms
31	Q2380-05DL	RBR-200059DL	SAM	06/25/25 17:28	5X for Na	Jaswal	Confirms
32	Q2381-01	291431	SAM	06/25/25 17:33		Jaswal	Not Ok
33	Q2381-01DUP	291431DUP	DUP	06/25/25 17:37	Na oversaturated	Jaswal	Not Ok
34	Q2381-01L	291431L	SD	06/25/25 17:41	Bad Injection	Jaswal	Not Ok
35	Q2381-01MS	291431MS	MS	06/25/25 17:46	Bad Injection	Jaswal	Not Ok
36	Q2381-01MSD	291431MSD	MSD	06/25/25 17:50		Jaswal	Not Ok
37	Q2381-01A	291431A	PS	06/25/25 17:55	Bad Injection	Jaswal	Not Ok
38	CCV03	CCV03	CCV	06/25/25 18:00		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCB03	CCB03	CCB	06/25/25 18:07		Jaswal	OK
40	Q2367-04	EP-4	SAM	06/25/25 18:12		Jaswal	OK
41	Q2386-02	SU-1-062025	SAM	06/25/25 18:16		Jaswal	OK
42	Q2392-01	S-1	SAM	06/25/25 18:21		Jaswal	OK
43	Q2381-01DL	291431DL	SAM	06/25/25 18:29	Not use	Jaswal	Not Ok
44	Q2381-01DUPDL	291431DUPDL	DUP	06/25/25 18:34	Not use	Jaswal	Not Ok
45	Q2381-01LDL	291431LDL	SD	06/25/25 18:38	Not use	Jaswal	Not Ok
46	Q2381-01MSDL	291431MSDL	MS	06/25/25 18:42	Not use	Jaswal	Not Ok
47	Q2381-01MSDDL	291431MSDDL	MSD	06/25/25 18:47	Not use	Jaswal	Not Ok
48	Q2381-01ADL	291431ADL	PS	06/25/25 18:51	Not use	Jaswal	Not Ok
49	CCV04	CCV04	CCV	06/25/25 18:55		Jaswal	OK
50	CCB04	CCB04	CCB	06/25/25 18:59		Jaswal	OK
51	Q2426-01	001-WILLETS-PT-BL\	SAM	06/25/25 19:04		Jaswal	OK
52	Q2426-02	002-35th-Ave(May)	SAM	06/25/25 19:09		Jaswal	OK
53	Q2388-04	TP-12	SAM	06/25/25 19:13		Jaswal	OK
54	Q2389-04	MH-J-I	SAM	06/25/25 19:18	Bad Injection	Jaswal	Not Ok
55	Q2391-01	AUD-1623	SAM	06/25/25 19:22		Jaswal	OK
56	Q2394-04	MH-K/L	SAM	06/25/25 19:29	Bad Injection	Jaswal	Not Ok
57	Q2399-04	TP-13	SAM	06/25/25 19:34		Jaswal	OK
58	Q2399-08	EP-13	SAM	06/25/25 19:39		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2405-04	MH-M/N	SAM	06/25/25 19:43		Jaswal	OK
60	PB168571TB	PB168571TB	MB	06/25/25 19:48		Jaswal	OK
61	CCV05	CCV05	CCV	06/25/25 19:52		Jaswal	OK
62	CCB05	CCB05	CCB	06/25/25 19:57		Jaswal	OK
63	PB168613BL	PB168613BL	MB	06/25/25 20:01	CCB fail for Cr	Jaswal	Not Ok
64	PB168613BS	PB168613BS	LCS	06/25/25 20:06	CCB fail for Cr	Jaswal	Not Ok
65	Q2409-02	COP-SOIL-PILE	SAM	06/25/25 20:10	CCB fail for Cr	Jaswal	Not Ok
66	Q2409-02DUP	COP-SOIL-PILEDUP	DUP	06/25/25 20:14	CCB fail for Cr	Jaswal	Not Ok
67	Q2409-02L	COP-SOIL-PILEL	SD	06/25/25 20:19	CCB fail for Cr	Jaswal	Not Ok
68	Q2409-02MS	COP-SOIL-PILEMS	MS	06/25/25 20:23	CCB fail for Cr	Jaswal	Not Ok
69	Q2409-02MSD	COP-SOIL-PILEMSD	MSD	06/25/25 20:28	CCB fail for Cr	Jaswal	Not Ok
70	Q2409-02A	COP-SOIL-PILEA	PS	06/25/25 20:32	CCB fail for Cr	Jaswal	Not Ok
71	Q2381-01DL2	291431DL2	SAM	06/25/25 20:37	CCB fail for Cr	Jaswal	Not Ok
72	Q2381-01DUPDL2	291431DUPDL2	DUP	06/25/25 20:41	CCB fail for Cr	Jaswal	Not Ok
73	CCV06	CCV06	CCV	06/25/25 20:46		Jaswal	OK
74	CCB06	CCB06	CCB	06/25/25 20:50	Fail for Cr	Jaswal	OK
75	Q2381-01LDL2	291431LDL2	SD	06/25/25 20:54	CCB fail for Cr	Jaswal	Not Ok
76	Q2381-01MSDL2	291431MSDL2	MS	06/25/25 20:59	CCB fail for Cr	Jaswal	Not Ok
77	Q2381-01MSDDL2	291431MSDDL2	MSD	06/25/25 21:03	CCB fail for Cr	Jaswal	Not Ok
78	Q2381-01ADL2	291431ADL2	PS	06/25/25 21:07	CCB fail for Cr	Jaswal	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

79	CCV07	CCV07	CCV	06/25/25 21:12		Jaswal	OK
80	CCB07	CCB07	CCB	06/25/25 21:16		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168564

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 06/20/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 06/20/2025 **Time :** 12:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SLS.

Supervisor Signature: JSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/20/25 13:10	SLS. met. dig	JSP Metlab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168564

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168564BL	PBS564	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168564BS	LCS564	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6015	2
Q2362-01	TP-11	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	3
Q2362-05	EP-6	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	4
Q2363-01	GCAP1	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	5
Q2364-01	GAV1A	N/A	2.41	100	Brown	Yellow	Medium	N/A	N/A	6
Q2364-02	GAV1B	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	7
Q2364-02MS	GAV1BMS	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6007,M6015	9
Q2364-02MSD	GAV1BMSD	N/A	2.40	100	Brown	Yellow	Medium	N/A	M6007,M6015	10
Q2364-02DUP	GAV1BDUP	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	8
Q2364-03	GAV2A	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	11
Q2364-04	GAV2B	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	12
Q2367-01	EP-4	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	13
Q2367-05	EP-5	N/A	2.49	100	Brown	Yellow	Medium	N/A	N/A	14
Q2371-04	RPXY42025	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	15
Q2371-05	BBXY42025	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	16

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168569

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/20/2025 **Time :** 09:25 **Temp :** 94 °C

End Digest Date: 06/20/2025 **Time :** 09:55 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: MB

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86026
CCV	30mL	MP86028
CRA	30mL	MP86030
Blank Spike	0.48mL	MP86019
Matrix Spike	0.48mL	MP86019

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP86032
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86020
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86021
2.5 ppb	S2.5	30mL	MP86022
5.0 ppb	S5.0	30mL	MP86023
7.5 ppb	S7.5	30mL	MP86024
10.0 ppb	S10.0	30mL	MP86025
ICV	ICV	30mL	MP86026
ICB	ICB	30mL	MP86027
CCV	CCV	30mL	MP86028
CCB	CCB	30mL	MP86026
CRI	CRI	30mL	MP86030
CHK STD	CHK STD	30mL	MP86031

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/20/25 10:15	MB - HG - Lab	MB - Mercury Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168569

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168569BL	PBS569	0.53	35	NA	N/A	3-1
PB168569BS	LCS569	0.55	35	NA	MP86019	2
Q2362-01	TP-11	0.54	35	NA	N/A	3
Q2362-05	EP-6	0.52	35	NA	N/A	4
Q2364-01	GAV1A	0.55	35	NA	N/A	5
Q2364-02	GAV1B	0.53	35	NA	N/A	6
Q2364-03	GAV2A	0.54	35	NA	N/A	7
Q2364-04	GAV2B	0.51	35	NA	N/A	8
Q2367-01	EP-4	0.50	35	NA	N/A	9
Q2367-05	EP-5	0.53	35	NA	N/A	10
Q2367-05DUP	EP-5DUP	0.52	35	NA	N/A	11
Q2367-05MS	EP-5MS	0.57	35	NA	MP86019	12
Q2367-05MSD	EP-5MSD	0.54	35	NA	MP86019	13

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2364
COC Number 2047504

8
8.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ave B
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other excel pdf
- X EDD FORMAT Master NJDEP

ANALYSIS

1: TAL Metals 2: PCBs 3: TCL VOCs 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	GAV1A	Soil		X	6/18/25	1145	1	X	X								
2.	GAV1B	"		"		1155	4/5	X	X	X							
3.	GAV2A	"		"		1230	1	X	X								
4.	GAV2B	Soil		X	6/18/25	1240	4/5	X	X	X							
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: 1 ice, 2 ice, 3 Ferm

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	6/18/25 1540	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 26.5 °C
Comments: 1 Cooler #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2364 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/18/2025 4:07:57 PM
Project Name : Ave B
Receive DateTime : 6/18/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2364-02	GAV1B	Solid	06/18/2025	11:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2364-04	GAV1B 2	Solid	06/18/2025	12:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 6/19/25 0740

Received By :
Date / Time : 06/19/25 7:40
Storage Area : VOA Refridgerator Room

Rgh 6
D2 2