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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : EDISON LANDFILL

REMINGTON & VERNICK ENGINEERS

2059 Springdale Road

Cherry Hill, NJ - 08003

Phone No: 856-795-9595

ORDER ID : Q3586

ATTENTION : Kyle Carlson

Laboratory Certification ID # 20012

Table Of Contents for Q3586

1) Signature Page 3

2) Case Narrative 5

3) Qualifier Page 10

4) QA Checklist 12

5) VOC-TCLVOA-10 Data 13

6) SVOC-TCL BNA -20 Data 176

7) Pesticide-TCL Data 319

8) PCB Data 419

9) EPH Data 496

10) Metals-AES Data 698

11) Genchem Data 787

12) Shipping Document 818

- 12.1) CHAIN OF CUSTODY 819
- 12.2) Lab Certificate 820
- 12.3) Internal COC 821

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC
Client : Remington & Vernick Engineers
Project Location :
Project Number : 1205T007 - Edison Landfill
Laboratory Sample ID(s) : Q3586
Sampling Date(s) : 1/06/2025
List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7196A,7471B,8081B,8082A,8260D,8270E,9012B,NJEPH,SMO,SOP**

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 : Q3586

Project ID : Edison Landfill

Client : Remington & Vernick Engineers

Lab Sample Number	Client Sample Number
Q3586-01	SED-1
Q3586-02	SED-2
Q3586-03	SED-3

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 : _____

Date: 11/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

CASE NARRATIVE

Remington & Vernick Engineers
Project Name: Edison Landfill
Project # N/A
Order ID # Q3586
Test Name: VOC-TCLVOA-10,SVOC-TCL BNA -20,EPH,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL,Cyanide,Hexavalent Chromium

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 11/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-TCL BNA -20,EPH,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL,Cyanide,Hexavalent Chromium. This data package contains results for VOC-TCLVOA-10(8260D),SVOC-TCL BNA -20(8270E),EPH(NJEPH),PCB(8082A),Pesticide-TCL(8081B),Mercury(7471B),Metals ICP-TAL(6010D),Cyanide(9012B),Hexavalent Chromium(7196A).

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

SVOC-TCL BNA -20 : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

PCB : The analyses were performed on instrument GCECD_O. 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.

Pesticide-TCL : The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

EPH : The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

Mercury,Metals ICP-TAL : 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.

Wetchem : The analysis of Cyanide,Hexavalent Chromium was based on method 7196A,9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except following
VOC-TCLVOA-10 : The Surrogate recoveries were met for all analysis except for,

SED-1 [1,2-Dichloroethane-d4 - 138%] , SED-2 [4-Bromofluorobenzene - 135%], SED-2RE [Dibromofluoromethane - 133%]these compounds did not meet the NJDKQP criteria but met the in-house criteria while,

SED-1[4-Bromofluorobenzene - 197%], SED-1RE [4-Bromofluorobenzene - 67%], SED-2 [1,2-Dichloroethane-d4 - 161%], SED-2RE [1,2-Dichloroethane-d4 - 177%]these compounds did not meet the NJDKQP criteria and in-house criteria, samples were reanalyzed to confirm the failure and reported.

The Surrogate recoveries were met for all analysis except following
Pesticide-TCL : SED-2 [Decachlorobiphenyl(1)25%, Decachlorobiphenyl(2)27%]these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas were met for all analysis except following VOC-TCLVOA-10 : SED-1RE and SED-2RE samples were reanalyzed to confirm the failure and reported.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except following
SVOC-TCL BNA -20 : The MS {Q3586-03MS} with File ID: BP026093.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[67%], 3-

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

Nitroaniline[58%] and 4-Chloroaniline[39%], This compound did not meet the NJDKQP criteria but met the in-house criteria.

EPH : The MS {Q3586-03MS} with File ID: FG016960.D recoveries met the requirements for all compounds except for Aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The MS {Q3586-03MS} with File ID: FF016726.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 171%], Bnezo[k]fluoranthene (C30.14)- 147%], [benzo[b]fluoranthene (C30.41)- 162%] and [Indeno[1,2,3-cd]pyrene (C35.01)- 213%] due to matrix interference.

Mercury,Metals ICP-TAL : The Matrix Spike (VNJ-238MS) analysis met criteria for all compounds except for Antimony, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion process.

The MSD recoveries met the requirements for all compounds except following
SVOC-TCL BNA -20 : The MSD {Q3586-03MSD} with File ID: BP026094.D recoveries met the requirements for all compounds except for 3-Nitroaniline[58%], 4-Chloroaniline[36%], This compound did not meet the NJDKQP criteria but met the in-house criteria.

EPH : The MSD {Q3586-03MSD} with File ID: FG016961.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 39%] due to matrix interference. And for Aliphatic[Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The MSD {Q3586-03MSD} with File ID: FF016727.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 176%], [Chrysene (C27.41)- 142%], [Bnezo[k]fluoranthene (C30.14)- 151%], [Dibenz[a,h]anthracene (C30.36)- 144%], [benzo[b]fluoranthene (C30.41)- 166%] and [Indeno[1,2,3-cd]pyrene (C35.01)- 220%] due to matrix interference.

Mercury,Metals ICP-TAL : The Matrix Spike Duplicate (VNJ-238MSD) analysis met criteria for all compounds except for Antimony, Copper, Selenium, Silver and Vanadium due to Chemical Interference during Digestion process.

The RPD recoveries met criteria.
The Blank Spike met requirements for all compounds except following
SVOC-TCL BNA -20 : The Blank Spike for {PB170478BS} with File ID: BF144200.D met requirements for all compounds except for 3-Nitroaniline[59%], 4-Chloroaniline[50%]. , This compound did not meet the NJDKQP criteria but met the in-house criteria.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Blank Spike Duplicate met requirements for all compounds

The Blank Spike met requirements for all compounds except following
EPH : The Blank Spike for {PB170577BS} with File ID: FG016927.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)-0%], these analytes compounds are only being monitoring in aliphatic fraction.

The Blank Spike Duplicate met requirements for all compounds except following
EPH : The Blank Spike Duplicate for {PB170577BSD} with File ID: FG016928.D met requirements for all samples except for aliphatic
[Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic fraction.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following
SVOC-TCL BNA -20 : The %RSD is greater than 20% in the (Method 8270-BF110525.M) for Hexachlorocyclopentadiene is passing on Quadratic regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BP102925.M) for 26) 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline,2,4-Dinitrotoluene,Butylbenzylphthalate,Bis(2-ethylhexyl)phthalate, These Compounds are passing on Linear regression and 2,4-Dinitrophenol,4,6-Dinitro-2-methylph.. are passing on Quadratic regression.

The Continuous Calibration met the requirements except following
VOC-TCLVOA-10 : The Continuous Calibration File ID VY023752.D met the requirements except for 2-Hexanone is failing high but no positive hit in associate sample therefore no corrective action taken.

SVOC-TCL BNA -20 : The Continuous Calibration File ID BF144198.D met the requirements except for Benzaldehyde. Associated samples does not have hit for this compound, Therefor no further corrective action was taken.

The Continuous Calibration File ID BP026090.D met the requirements except for 2,3,4,6-Tetrachlorophenol,2,4-Dinitrophenol,2,4-Dinitrotoluene,2-Nitrophenol,4,6-Dinitro-2-methylphenol,Butylbenzylphthalate,Di-n-octyl phthalate, Hexachlorocyclopentadiene and 2,4,6-Tribromophenol. Associated samples does not have hit for this compound, Therefor no further corrective action was taken. and Bis(2-ethylhexyl)phthalate faild high in Continuous Calibration, but associates sample has below CRQL hit, Therefor no further corrective action was taken.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compoundsexcept following Mercury,Metals ICP-TAL : The Duplicate (VNJ-238MSD) analysis met criteria for all compounds except for Copper and Zinc due to Chemical Interference during Digestion process.

The Serial Dilution met the acceptable requirements.

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

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Mercury,Metals ICP-TAL : The Post Digest Spike (VNJ-238A) analysis met criteria for all compounds except for Sodium and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

VOC-TCLVOA-10 : 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.

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_____

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 #: Q3586

	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:** 11/21/2025

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.: Q3586

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**SED-1**								
Q3586-01	SED-1	SOIL	Acetone		29.8		4.60	24.5	ug/Kg
Q3586-01	SED-1	SOIL	Carbon Disulfide		7.20		1.00	4.90	ug/Kg
Q3586-01	SED-1	SOIL	Methylene Chloride		12.4		3.50	9.80	ug/Kg
			Total Voc :		49.4				
Q3586-01	SED-1	SOIL	Tetrahydrofuran	*	7.10	J	4.60	24.5	ug/Kg
Q3586-01	SED-1	SOIL	Tert butyl alcohol	*	29.8	J	13.4	24.5	ug/Kg
Q3586-01	SED-1	SOIL	Diethyl Ether	*	12.1	J	0.75	4.90	ug/Kg
Q3586-01	SED-1	SOIL	Diisopropyl ether	*	15.8	J	0.54	4.90	ug/Kg
			Total Tics :		64.8				
			Total Concentration:		114				
Client ID:	**SED-1RE**								
Q3586-01RE	SED-1RE	SOIL	Acetone		11.8	J	4.80	25.5	ug/Kg
Q3586-01RE	SED-1RE	SOIL	Carbon Disulfide		3.50	J	1.10	5.10	ug/Kg
Q3586-01RE	SED-1RE	SOIL	Methylene Chloride		5.10	J	3.60	10.2	ug/Kg
			Total Voc :		20.4				
			Total Concentration:		20.4				
Client ID:	**SED-2**								
Q3586-02	SED-2	SOIL	Acetone		160		7.50	39.4	ug/Kg
Q3586-02	SED-2	SOIL	Carbon Disulfide		2.90	J	1.70	7.90	ug/Kg
Q3586-02	SED-2	SOIL	Methylene Chloride		10.6	J	5.60	15.8	ug/Kg
Q3586-02	SED-2	SOIL	2-Butanone		52.6		10.3	39.4	ug/Kg
			Total Voc :		226				
Q3586-02	SED-2	SOIL	1-Phenyl-1-butene	*	38.8	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	1H-Indene, 2,3-dihydro-1,1,3-tı	*	21.1	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Naphthalene, 1,2,3,4-tetrahydrc	*	28.8	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Naphthalene, 1,2,3,4-tetrahydrc	*	20.9	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Naphthalene, 1,2,3,4-tetrahydrc	*	51.8	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	1H-Indene, 2,3-dihydro-4,7-din	*	21.2	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	1,2,4-Trimethylbenzene	*	2.10	J	1.00	7.90	ug/Kg
			Total Tics :		185				
			Total Concentration:		411				
Client ID:	**SED-2RE**								
Q3586-02RE	SED-2RE	SOIL	Acetone		120		6.80	35.6	ug/Kg
Q3586-02RE	SED-2RE	SOIL	2-Butanone		34.8	J	9.30	35.6	ug/Kg
			Total Voc :		155				
			Total Concentration:		155				
Client ID:	**SED-3**								
Q3586-03	SED-3	SOIL	Acetone		24.0	J	7.20	38.0	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3586-03	SED-3	SOIL	Carbon Disulfide		5.50	J	1.60	7.60	ug/Kg
			Total Voc :		29.5				
Q3586-03	SED-3	SOIL	Undecane	*	10.0	J	0	0	ug/Kg
			Total Tics :		10.0				
			Total Concentration:		39.5				

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	62.9
Sample Wt/Vol:	8.12 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.90	ug/Kg	11/11/25 13:54	VW111125
74-87-3	Chloromethane	1.10	U	1	1.10	4.90	ug/Kg	11/11/25 13:54	VW111125
75-01-4	Vinyl Chloride	0.77	U	1	0.77	4.90	ug/Kg	11/11/25 13:54	VW111125
74-83-9	Bromomethane	1.00	U	1	1.00	4.90	ug/Kg	11/11/25 13:54	VW111125
75-00-3	Chloroethane	1.20	U	1	1.20	4.90	ug/Kg	11/11/25 13:54	VW111125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.90	ug/Kg	11/11/25 13:54	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.90	ug/Kg	11/11/25 13:54	VW111125
75-35-4	1,1-Dichloroethene	0.98	U	1	0.98	4.90	ug/Kg	11/11/25 13:54	VW111125
67-64-1	Acetone	29.8		1	4.60	24.5	ug/Kg	11/11/25 13:54	VW111125
75-15-0	Carbon Disulfide	7.20		1	1.00	4.90	ug/Kg	11/11/25 13:54	VW111125
1634-04-4	Methyl tert-butyl Ether	0.71	U	1	0.71	4.90	ug/Kg	11/11/25 13:54	VW111125
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.90	ug/Kg	11/11/25 13:54	VW111125
75-09-2	Methylene Chloride	12.4		1	3.50	9.80	ug/Kg	11/11/25 13:54	VW111125
156-60-5	trans-1,2-Dichloroethene	0.84	U	1	0.84	4.90	ug/Kg	11/11/25 13:54	VW111125
75-34-3	1,1-Dichloroethane	0.78	U	1	0.78	4.90	ug/Kg	11/11/25 13:54	VW111125
110-82-7	Cyclohexane	0.77	U	1	0.77	4.90	ug/Kg	11/11/25 13:54	VW111125
78-93-3	2-Butanone	6.40	U	1	6.40	24.5	ug/Kg	11/11/25 13:54	VW111125
56-23-5	Carbon Tetrachloride	0.95	U	1	0.95	4.90	ug/Kg	11/11/25 13:54	VW111125
156-59-2	cis-1,2-Dichloroethene	0.73	U	1	0.73	4.90	ug/Kg	11/11/25 13:54	VW111125
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.90	ug/Kg	11/11/25 13:54	VW111125
67-66-3	Chloroform	0.82	U	1	0.82	4.90	ug/Kg	11/11/25 13:54	VW111125
71-55-6	1,1,1-Trichloroethane	0.91	U	1	0.91	4.90	ug/Kg	11/11/25 13:54	VW111125
108-87-2	Methylcyclohexane	0.89	U	1	0.89	4.90	ug/Kg	11/11/25 13:54	VW111125
71-43-2	Benzene	0.77	U	1	0.77	4.90	ug/Kg	11/11/25 13:54	VW111125
107-06-2	1,2-Dichloroethane	0.77	U	1	0.77	4.90	ug/Kg	11/11/25 13:54	VW111125
79-01-6	Trichloroethene	0.79	U	1	0.79	4.90	ug/Kg	11/11/25 13:54	VW111125
78-87-5	1,2-Dichloropropane	0.89	U	1	0.89	4.90	ug/Kg	11/11/25 13:54	VW111125
75-27-4	Bromodichloromethane	0.76	U	1	0.76	4.90	ug/Kg	11/11/25 13:54	VW111125
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.5	ug/Kg	11/11/25 13:54	VW111125
108-88-3	Toluene	0.76	U	1	0.76	4.90	ug/Kg	11/11/25 13:54	VW111125
10061-02-6	t-1,3-Dichloropropene	0.64	U	1	0.64	4.90	ug/Kg	11/11/25 13:54	VW111125
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1	0.61	4.90	ug/Kg	11/11/25 13:54	VW111125
79-00-5	1,1,2-Trichloroethane	0.90	U	1	0.90	4.90	ug/Kg	11/11/25 13:54	VW111125
591-78-6	2-Hexanone	3.60	U	1	3.60	24.5	ug/Kg	11/11/25 13:54	VW111125
124-48-1	Dibromochloromethane	0.85	U	1	0.85	4.90	ug/Kg	11/11/25 13:54	VW111125
106-93-4	1,2-Dibromoethane	0.86	U	1	0.86	4.90	ug/Kg	11/11/25 13:54	VW111125
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.90	ug/Kg	11/11/25 13:54	VW111125
108-90-7	Chlorobenzene	0.89	U	1	0.89	4.90	ug/Kg	11/11/25 13:54	VW111125
100-41-4	Ethyl Benzene	0.66	U	1	0.66	4.90	ug/Kg	11/11/25 13:54	VW111125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.80	ug/Kg	11/11/25 13:54	VW111125
95-47-6	o-Xylene	0.80	U	1	0.80	4.90	ug/Kg	11/11/25 13:54	VW111125
100-42-5	Styrene	0.70	U	1	0.70	4.90	ug/Kg	11/11/25 13:54	VW111125
75-25-2	Bromoform	0.84	U	1	0.84	4.90	ug/Kg	11/11/25 13:54	VW111125

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 62.9
Sample Wt/Vol:	8.12 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.76	U	1	0.76	4.90	ug/Kg	11/11/25 13:54	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.90	ug/Kg	11/11/25 13:54	VW111125
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	4.90	ug/Kg	11/11/25 13:54	VW111125
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.90	ug/Kg	11/11/25 13:54	VW111125
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.90	ug/Kg	11/11/25 13:54	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.90	ug/Kg	11/11/25 13:54	VW111125
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.90	ug/Kg	11/11/25 13:54	VW111125
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.90	ug/Kg	11/11/25 13:54	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	69.0	*		70 (63) - 130 (155)	138%	SPK: 50		
1868-53-7	Dibromofluoromethane	57.4			70 (70) - 130 (134)	115%	SPK: 50		
2037-26-5	Toluene-d8	58.2			70 (74) - 130 (123)	116%	SPK: 50		
460-00-4	4-Bromofluorobenzene	98.6	*		70 (52) - 130 (138)	197%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	287000							
540-36-3	1,4-Difluorobenzene	661000							
3114-55-4	Chlorobenzene-d5	666000							
3855-82-1	1,4-Dichlorobenzene-d4	321000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	12.1	J			3.73	ug/Kg		
75-65-0	Tert butyl alcohol	29.8	J			5.21	ug/Kg		
108-20-3	Diisopropyl ether	15.8	J			6.34	ug/Kg		
109-99-9	Tetrahydrofuran	7.10	J			7.56	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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1RE	SDG No.:	Q3586
Lab Sample ID:	Q3586-01RE	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 62.9
Sample Wt/Vol:	7.78 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	11/12/25 13:14	VY111225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	11/12/25 13:14	VY111225
67-64-1	Acetone	11.8	J	1	4.80	25.5	ug/Kg	11/12/25 13:14	VY111225
75-15-0	Carbon Disulfide	3.50	J	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.10	ug/Kg	11/12/25 13:14	VY111225
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	11/12/25 13:14	VY111225
75-09-2	Methylene Chloride	5.10	J	1	3.60	10.2	ug/Kg	11/12/25 13:14	VY111225
156-60-5	trans-1,2-Dichloroethene	0.88	U	1	0.88	5.10	ug/Kg	11/12/25 13:14	VY111225
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.10	ug/Kg	11/12/25 13:14	VY111225
110-82-7	Cyclohexane	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
78-93-3	2-Butanone	6.70	U	1	6.70	25.5	ug/Kg	11/12/25 13:14	VY111225
56-23-5	Carbon Tetrachloride	0.99	U	1	0.99	5.10	ug/Kg	11/12/25 13:14	VY111225
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.10	ug/Kg	11/12/25 13:14	VY111225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
67-66-3	Chloroform	0.86	U	1	0.86	5.10	ug/Kg	11/12/25 13:14	VY111225
71-55-6	1,1,1-Trichloroethane	0.95	U	1	0.95	5.10	ug/Kg	11/12/25 13:14	VY111225
108-87-2	Methylcyclohexane	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
71-43-2	Benzene	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
79-01-6	Trichloroethene	0.83	U	1	0.83	5.10	ug/Kg	11/12/25 13:14	VY111225
78-87-5	1,2-Dichloropropane	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	25.5	ug/Kg	11/12/25 13:14	VY111225
108-88-3	Toluene	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
10061-02-6	t-1,3-Dichloropropene	0.66	U	1	0.66	5.10	ug/Kg	11/12/25 13:14	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.63	U	1	0.63	5.10	ug/Kg	11/12/25 13:14	VY111225
79-00-5	1,1,2-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	11/12/25 13:14	VY111225
591-78-6	2-Hexanone	3.80	U	1	3.80	25.5	ug/Kg	11/12/25 13:14	VY111225
124-48-1	Dibromochloromethane	0.89	U	1	0.89	5.10	ug/Kg	11/12/25 13:14	VY111225
106-93-4	1,2-Dibromoethane	0.90	U	1	0.90	5.10	ug/Kg	11/12/25 13:14	VY111225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
108-90-7	Chlorobenzene	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
100-41-4	Ethyl Benzene	0.68	U	1	0.68	5.10	ug/Kg	11/12/25 13:14	VY111225
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.2	ug/Kg	11/12/25 13:14	VY111225
95-47-6	o-Xylene	0.84	U	1	0.84	5.10	ug/Kg	11/12/25 13:14	VY111225
100-42-5	Styrene	0.73	U	1	0.73	5.10	ug/Kg	11/12/25 13:14	VY111225
75-25-2	Bromoform	0.88	U	1	0.88	5.10	ug/Kg	11/12/25 13:14	VY111225

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1RE	SDG No.:	Q3586
Lab Sample ID:	Q3586-01RE	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	62.9
Sample Wt/Vol:	7.78 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.10	ug/Kg	11/12/25 13:14	VY111225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	11/12/25 13:14	VY111225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	11/12/25 13:14	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	11/12/25 13:14	VY111225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	11/12/25 13:14	VY111225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.10	ug/Kg	11/12/25 13:14	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	36.5			70 (63) - 130 (155)	73%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.8			70 (70) - 130 (134)	94%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (74) - 130 (123)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	33.6	*		70 (52) - 130 (138)	67%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	90700							
540-36-3	1,4-Difluorobenzene	111000							
3114-55-4	Chlorobenzene-d5	77900							
3855-82-1	1,4-Dichlorobenzene-d4	23500							

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 41.4
Sample Wt/Vol:	7.66 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
74-87-3	Chloromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
74-83-9	Bromomethane	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
75-00-3	Chloroethane	2.00	U	1	2.00	7.90	ug/Kg	11/11/25 14:15	VW111125
75-69-4	Trichlorofluoromethane	1.90	U	1	1.90	7.90	ug/Kg	11/11/25 14:15	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
75-35-4	1,1-Dichloroethene	1.60	U	1	1.60	7.90	ug/Kg	11/11/25 14:15	VW111125
67-64-1	Acetone	160		1	7.50	39.4	ug/Kg	11/11/25 14:15	VW111125
75-15-0	Carbon Disulfide	2.90	J	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
1634-04-4	Methyl tert-butyl Ether	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-20-9	Methyl Acetate	2.40	U	1	2.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-09-2	Methylene Chloride	10.6	J	1	5.60	15.8	ug/Kg	11/11/25 14:15	VW111125
156-60-5	trans-1,2-Dichloroethene	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-34-3	1,1-Dichloroethane	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
110-82-7	Cyclohexane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
78-93-3	2-Butanone	52.6		1	10.3	39.4	ug/Kg	11/11/25 14:15	VW111125
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
156-59-2	cis-1,2-Dichloroethene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
74-97-5	Bromochloromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
67-66-3	Chloroform	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
71-55-6	1,1,1-Trichloroethane	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
71-43-2	Benzene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-01-6	Trichloroethene	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
108-10-1	4-Methyl-2-Pentanone	5.60	U	1	5.60	39.4	ug/Kg	11/11/25 14:15	VW111125
108-88-3	Toluene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	1.00	7.90	ug/Kg	11/11/25 14:15	VW111125
10061-01-5	cis-1,3-Dichloropropene	0.98	U	1	0.98	7.90	ug/Kg	11/11/25 14:15	VW111125
79-00-5	1,1,2-Trichloroethane	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
591-78-6	2-Hexanone	5.80	U	1	5.80	39.4	ug/Kg	11/11/25 14:15	VW111125
124-48-1	Dibromochloromethane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
106-93-4	1,2-Dibromoethane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
127-18-4	Tetrachloroethene	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
100-41-4	Ethyl Benzene	1.10	U	1	1.10	7.90	ug/Kg	11/11/25 14:15	VW111125
179601-23-1	m/p-Xylenes	2.00	U	1	2.00	15.8	ug/Kg	11/11/25 14:15	VW111125
95-47-6	o-Xylene	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
100-42-5	Styrene	1.10	U	1	1.10	7.90	ug/Kg	11/11/25 14:15	VW111125
75-25-2	Bromoform	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	41.4
Sample Wt/Vol:	7.66 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1	1.90	7.90	ug/Kg	11/11/25 14:15	VW111125
541-73-1	1,3-Dichlorobenzene	2.70	U	1	2.70	7.90	ug/Kg	11/11/25 14:15	VW111125
106-46-7	1,4-Dichlorobenzene	2.50	U	1	2.50	7.90	ug/Kg	11/11/25 14:15	VW111125
95-50-1	1,2-Dichlorobenzene	2.30	U	1	2.30	7.90	ug/Kg	11/11/25 14:15	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	1	2.90	7.90	ug/Kg	11/11/25 14:15	VW111125
120-82-1	1,2,4-Trichlorobenzene	4.70	U	1	4.70	7.90	ug/Kg	11/11/25 14:15	VW111125
87-61-6	1,2,3-Trichlorobenzene	5.00	U	1	5.00	7.90	ug/Kg	11/11/25 14:15	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	80.6	*		70 (63) - 130 (155)	161%	SPK: 50		
1868-53-7	Dibromofluoromethane	64.7			70 (70) - 130 (134)	129%	SPK: 50		
2037-26-5	Toluene-d8	62.2			70 (74) - 130 (123)	124%	SPK: 50		
460-00-4	4-Bromofluorobenzene	67.6	*		70 (52) - 130 (138)	135%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	283000							
540-36-3	1,4-Difluorobenzene	670000							
3114-55-4	Chlorobenzene-d5	673000							
3855-82-1	1,4-Dichlorobenzene-d4	275000							
TENTATIVE IDENTIFIED COMPOUNDS									
95-63-6	1,2,4-Trimethylbenzene	2.10	J			13.3	ug/Kg		
000824-90-8	1-Phenyl-1-butene	38.8	J			14.8	ug/Kg		
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	20.9	J			15.4	ug/Kg		
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	21.2	J			15.6	ug/Kg		
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	28.8	J			16.2	ug/Kg		
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	51.8	J			16.4	ug/Kg		
002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trime	21.1	J			16.4	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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2RE	SDG No.:	Q3586
Lab Sample ID:	Q3586-02RE	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	41.4
Sample Wt/Vol:	8.48 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.60	U	1	1.60	7.10	ug/Kg	11/12/25 13:38	VY111225
74-87-3	Chloromethane	1.60	U	1	1.60	7.10	ug/Kg	11/12/25 13:38	VY111225
75-01-4	Vinyl Chloride	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
74-83-9	Bromomethane	1.50	U	1	1.50	7.10	ug/Kg	11/12/25 13:38	VY111225
75-00-3	Chloroethane	1.80	U	1	1.80	7.10	ug/Kg	11/12/25 13:38	VY111225
75-69-4	Trichlorofluoromethane	1.70	U	1	1.70	7.10	ug/Kg	11/12/25 13:38	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1	1.50	7.10	ug/Kg	11/12/25 13:38	VY111225
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	7.10	ug/Kg	11/12/25 13:38	VY111225
67-64-1	Acetone	120		1	6.80	35.6	ug/Kg	11/12/25 13:38	VY111225
75-15-0	Carbon Disulfide	1.50	U	1	1.50	7.10	ug/Kg	11/12/25 13:38	VY111225
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	1.00	7.10	ug/Kg	11/12/25 13:38	VY111225
79-20-9	Methyl Acetate	2.20	U	1	2.20	7.10	ug/Kg	11/12/25 13:38	VY111225
75-09-2	Methylene Chloride	5.00	U	1	5.00	14.2	ug/Kg	11/12/25 13:38	VY111225
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
110-82-7	Cyclohexane	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
78-93-3	2-Butanone	34.8	J	1	9.30	35.6	ug/Kg	11/12/25 13:38	VY111225
56-23-5	Carbon Tetrachloride	1.40	U	1	1.40	7.10	ug/Kg	11/12/25 13:38	VY111225
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
74-97-5	Bromochloromethane	1.60	U	1	1.60	7.10	ug/Kg	11/12/25 13:38	VY111225
67-66-3	Chloroform	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
108-87-2	Methylcyclohexane	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
71-43-2	Benzene	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
79-01-6	Trichloroethene	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
75-27-4	Bromodichloromethane	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
108-10-1	4-Methyl-2-Pentanone	5.10	U	1	5.10	35.6	ug/Kg	11/12/25 13:38	VY111225
108-88-3	Toluene	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
10061-02-6	t-1,3-Dichloropropene	0.93	U	1	0.93	7.10	ug/Kg	11/12/25 13:38	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.88	U	1	0.88	7.10	ug/Kg	11/12/25 13:38	VY111225
79-00-5	1,1,2-Trichloroethane	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
591-78-6	2-Hexanone	5.30	U	1	5.30	35.6	ug/Kg	11/12/25 13:38	VY111225
124-48-1	Dibromochloromethane	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
127-18-4	Tetrachloroethene	1.50	U	1	1.50	7.10	ug/Kg	11/12/25 13:38	VY111225
108-90-7	Chlorobenzene	1.30	U	1	1.30	7.10	ug/Kg	11/12/25 13:38	VY111225
100-41-4	Ethyl Benzene	0.95	U	1	0.95	7.10	ug/Kg	11/12/25 13:38	VY111225
179601-23-1	m/p-Xylenes	1.80	U	1	1.80	14.2	ug/Kg	11/12/25 13:38	VY111225
95-47-6	o-Xylene	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225
100-42-5	Styrene	1.00	U	1	1.00	7.10	ug/Kg	11/12/25 13:38	VY111225
75-25-2	Bromoform	1.20	U	1	1.20	7.10	ug/Kg	11/12/25 13:38	VY111225

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2RE	SDG No.:	Q3586
Lab Sample ID:	Q3586-02RE	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	41.4
Sample Wt/Vol:	8.48 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	7.10	ug/Kg	11/12/25 13:38	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1	1.70	7.10	ug/Kg	11/12/25 13:38	VY111225
541-73-1	1,3-Dichlorobenzene	2.40	U	1	2.40	7.10	ug/Kg	11/12/25 13:38	VY111225
106-46-7	1,4-Dichlorobenzene	2.20	U	1	2.20	7.10	ug/Kg	11/12/25 13:38	VY111225
95-50-1	1,2-Dichlorobenzene	2.10	U	1	2.10	7.10	ug/Kg	11/12/25 13:38	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	1	2.60	7.10	ug/Kg	11/12/25 13:38	VY111225
120-82-1	1,2,4-Trichlorobenzene	4.20	U	1	4.20	7.10	ug/Kg	11/12/25 13:38	VY111225
87-61-6	1,2,3-Trichlorobenzene	4.50	U	1	4.50	7.10	ug/Kg	11/12/25 13:38	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	88.5	*		70 (63) - 130 (155)	177%	SPK: 50		
1868-53-7	Dibromofluoromethane	66.4	*		70 (70) - 130 (134)	133%	SPK: 50		
2037-26-5	Toluene-d8	48.9			70 (74) - 130 (123)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.0			70 (52) - 130 (138)	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	69400							
540-36-3	1,4-Difluorobenzene	118000							
3114-55-4	Chlorobenzene-d5	116000							
3855-82-1	1,4-Dichlorobenzene-d4	41900							

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 50.9
Sample Wt/Vol:	6.46 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
74-87-3	Chloromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
74-83-9	Bromomethane	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
75-00-3	Chloroethane	1.90	U	1	1.90	7.60	ug/Kg	11/12/25 14:01	VY111225
75-69-4	Trichlorofluoromethane	1.80	U	1	1.80	7.60	ug/Kg	11/12/25 14:01	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
75-35-4	1,1-Dichloroethene	1.50	U	1	1.50	7.60	ug/Kg	11/12/25 14:01	VY111225
67-64-1	Acetone	24.0	J	1	7.20	38.0	ug/Kg	11/12/25 14:01	VY111225
75-15-0	Carbon Disulfide	5.50	J	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
79-20-9	Methyl Acetate	2.30	U	1	2.30	7.60	ug/Kg	11/12/25 14:01	VY111225
75-09-2	Methylene Chloride	5.40	U	1	5.40	15.2	ug/Kg	11/12/25 14:01	VY111225
156-60-5	trans-1,2-Dichloroethene	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
110-82-7	Cyclohexane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
78-93-3	2-Butanone	9.90	U	1	9.90	38.0	ug/Kg	11/12/25 14:01	VY111225
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.60	ug/Kg	11/12/25 14:01	VY111225
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
74-97-5	Bromochloromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
67-66-3	Chloroform	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
71-55-6	1,1,1-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
71-43-2	Benzene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
79-01-6	Trichloroethene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
108-10-1	4-Methyl-2-Pentanone	5.40	U	1	5.40	38.0	ug/Kg	11/12/25 14:01	VY111225
108-88-3	Toluene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
10061-02-6	t-1,3-Dichloropropene	0.99	U	1	0.99	7.60	ug/Kg	11/12/25 14:01	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.94	U	1	0.94	7.60	ug/Kg	11/12/25 14:01	VY111225
79-00-5	1,1,2-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
591-78-6	2-Hexanone	5.60	U	1	5.60	38.0	ug/Kg	11/12/25 14:01	VY111225
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
127-18-4	Tetrachloroethene	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
100-41-4	Ethyl Benzene	1.00	U	1	1.00	7.60	ug/Kg	11/12/25 14:01	VY111225
179601-23-1	m/p-Xylenes	1.90	U	1	1.90	15.2	ug/Kg	11/12/25 14:01	VY111225
95-47-6	o-Xylene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
100-42-5	Styrene	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
75-25-2	Bromoform	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 50.9
Sample Wt/Vol:	6.46 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1	1.80	7.60	ug/Kg	11/12/25 14:01	VY111225
541-73-1	1,3-Dichlorobenzene	2.60	U	1	2.60	7.60	ug/Kg	11/12/25 14:01	VY111225
106-46-7	1,4-Dichlorobenzene	2.40	U	1	2.40	7.60	ug/Kg	11/12/25 14:01	VY111225
95-50-1	1,2-Dichlorobenzene	2.20	U	1	2.20	7.60	ug/Kg	11/12/25 14:01	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	1	2.80	7.60	ug/Kg	11/12/25 14:01	VY111225
120-82-1	1,2,4-Trichlorobenzene	4.50	U	1	4.50	7.60	ug/Kg	11/12/25 14:01	VY111225
87-61-6	1,2,3-Trichlorobenzene	4.80	U	1	4.80	7.60	ug/Kg	11/12/25 14:01	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.1			70 (63) - 130 (155)	124%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.5			70 (70) - 130 (134)	105%	SPK: 50		
2037-26-5	Toluene-d8	48.6			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.0			70 (52) - 130 (138)	92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	716000							
540-36-3	1,4-Difluorobenzene	1240000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	466000							
TENTATIVE IDENTIFIED COMPOUNDS									
001120-21-4	Undecane	10.0	J			13.7	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.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3586-01	SED-1	1,2-Dichloroethane-d4	50	69.0	138	*	70 (63)	130 (155)
		Dibromofluoromethane	50	57.4	115		70 (70)	130 (134)
		Toluene-d8	50	58.2	116		70 (74)	130 (123)
		4-Bromofluorobenzene	50	98.6	197	*	70 (52)	130 (138)
Q3586-01RE	SED-1RE	1,2-Dichloroethane-d4	50	36.5	73		70 (63)	130 (155)
		Dibromofluoromethane	50	46.8	94		70 (70)	130 (134)
		Toluene-d8	50	49.3	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	33.6	67	*	70 (52)	130 (138)
Q3586-02	SED-2	1,2-Dichloroethane-d4	50	80.6	161	*	70 (63)	130 (155)
		Dibromofluoromethane	50	64.7	129		70 (70)	130 (134)
		Toluene-d8	50	62.1	124		70 (74)	130 (123)
		4-Bromofluorobenzene	50	67.6	135	*	70 (52)	130 (138)
Q3586-02RE	SED-2RE	1,2-Dichloroethane-d4	50	88.5	177	*	70 (63)	130 (155)
		Dibromofluoromethane	50	66.4	133	*	70 (70)	130 (134)
		Toluene-d8	50	49.0	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.0	94		70 (52)	130 (138)
Q3586-03	SED-3	1,2-Dichloroethane-d4	50	62.1	124		70 (63)	130 (155)
		Dibromofluoromethane	50	52.5	105		70 (70)	130 (134)
		Toluene-d8	50	48.6	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.0	92		70 (52)	130 (138)
VW1111SBL01	VW1111SBL01	1,2-Dichloroethane-d4	50	60.2	120		70 (63)	130 (155)
		Dibromofluoromethane	50	55.1	110		70 (70)	130 (134)
		Toluene-d8	50	53.1	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	57.3	115		70 (52)	130 (138)
VW1111SBS01	VW1111SBS01	1,2-Dichloroethane-d4	50	48.5	97		70 (63)	130 (155)
		Dibromofluoromethane	50	49.5	99		70 (70)	130 (134)
		Toluene-d8	50	51.3	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.5	101		70 (52)	130 (138)
VW1111SBSD0	VW1111SBSD01	1,2-Dichloroethane-d4	50	50.6	101		70 (63)	130 (155)
		Dibromofluoromethane	50	47.1	94		70 (70)	130 (134)
		Toluene-d8	50	48.0	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.6	93		70 (52)	130 (138)
VY1112SBL01	VY1112SBL01	1,2-Dichloroethane-d4	50	57.4	115		70 (63)	130 (155)
		Dibromofluoromethane	50	51.1	102		70 (70)	130 (134)
		Toluene-d8	50	48.1	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.4	85		70 (52)	130 (138)
VY1112SBS01	VY1112SBS01	1,2-Dichloroethane-d4	50	49.4	99		70 (63)	130 (155)
		Dibromofluoromethane	50	50.6	101		70 (70)	130 (134)
		Toluene-d8	50	51.3	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.8	104		70 (52)	130 (138)

( ) = 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.: Q3586 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VW032417.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1111SBS01	Dichlorodifluoromethane	20	18.7	ug/Kg	94			40 (64)	160 (136)	
	Chloromethane	20	20.7	ug/Kg	104			40 (73)	160 (129)	
	Vinyl chloride	20	21.0	ug/Kg	105			70 (73)	130 (133)	
	Bromomethane	20	20.9	ug/Kg	104			40 (77)	160 (137)	
	Chloroethane	20	20.5	ug/Kg	103			40 (69)	160 (130)	
	Trichlorofluoromethane	20	18.3	ug/Kg	92			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.3	ug/Kg	106			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.3	ug/Kg	106			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (60)	160 (174)	
	Carbon disulfide	20	20.3	ug/Kg	102			40 (73)	160 (125)	
	Methyl tert-butyl Ether	20	19.5	ug/Kg	98			70 (77)	130 (129)	
	Methyl Acetate	20	17.2	ug/Kg	86			70 (51)	130 (140)	
	Methylene Chloride	20	19.2	ug/Kg	96			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	20	20.1	ug/Kg	101			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.6	ug/Kg	103			70 (82)	130 (123)	
	Cyclohexane	20	20.8	ug/Kg	104			70 (76)	130 (122)	
	2-Butanone	100	90.4	ug/Kg	90			40 (69)	160 (131)	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	Bromochloromethane	20	19.4	ug/Kg	97			70 (80)	130 (127)	
	Chloroform	20	20.7	ug/Kg	104			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.8	ug/Kg	104			70 (80)	130 (126)	
	Methylcyclohexane	20	20.8	ug/Kg	104			70 (77)	130 (123)	
	Benzene	20	20.9	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.2	ug/Kg	101			70 (81)	130 (126)	
	Trichloroethene	20	20.3	ug/Kg	102			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	92.1	ug/Kg	92			40 (70)	160 (135)	
	Toluene	20	21.2	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	20.2	ug/Kg	101			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.0	ug/Kg	100			70 (82)	130 (125)	
	2-Hexanone	100	91.7	ug/Kg	92			40 (66)	160 (138)	
	Dibromochloromethane	20	19.2	ug/Kg	96			70 (79)	130 (125)	
	1,2-Dibromoethane	20	19.5	ug/Kg	98			70 (80)	130 (125)	
	Tetrachloroethene	20	21.3	ug/Kg	106			70 (83)	130 (125)	
	Chlorobenzene	20	20.7	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	20.5	ug/Kg	103			70 (82)	130 (124)	
	m/p-Xylenes	40	41.8	ug/Kg	104			70 (83)	130 (124)	
	o-Xylene	20	20.0	ug/Kg	100			70 (83)	130 (123)	
	Styrene	20	20.9	ug/Kg	104			70 (82)	130 (124)	
	Bromoform	20	18.1	ug/Kg	91			70 (75)	130 (127)	
	Isopropylbenzene	20	20.7	ug/Kg	104			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	19.3	ug/Kg	97			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	22.1	ug/Kg	111			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.8	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100			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.: Q3586 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VW032417.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1111SBS01	1,2-Dibromo-3-Chloropropane	20	17.8	ug/Kg	89			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	20.5	ug/Kg	103			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.3	ug/Kg	97			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.: Q3586 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VW032418.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW1111SBSD01	Dichlorodifluoromethane	20	17.2	ug/Kg	86	9		40 (64)	160 (136)	30 (20)
	Chloromethane	20	20.5	ug/Kg	103	1		40 (73)	160 (129)	30 (15)
	Vinyl chloride	20	20.3	ug/Kg	102	3		70 (73)	130 (133)	30 (15)
	Bromomethane	20	21.1	ug/Kg	106	2		40 (77)	160 (137)	30 (15)
	Chloroethane	20	20.5	ug/Kg	103	0		40 (69)	160 (130)	30 (15)
	Trichlorofluoromethane	20	20.2	ug/Kg	101	9		40 (69)	160 (134)	30 (27)
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/Kg	101	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	20.3	ug/Kg	102	4		70 (79)	130 (121)	30 (16)
	Acetone	100	110	ug/Kg	110	10		40 (60)	160 (174)	30 (28)
	Carbon disulfide	20	20.6	ug/Kg	103	1		40 (73)	160 (125)	30 (15)
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104	6		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	19.7	ug/Kg	99	14		70 (51)	130 (140)	30 (30)
	Methylene Chloride	20	19.5	ug/Kg	98	2		70 (54)	130 (158)	30 (20)
	trans-1,2-Dichloroethene	20	20.4	ug/Kg	102	1		70 (80)	130 (123)	30 (15)
	1,1-Dichloroethane	20	20.6	ug/Kg	103	0		70 (82)	130 (123)	30 (15)
	Cyclohexane	20	20.0	ug/Kg	100	4		70 (76)	130 (122)	30 (15)
	2-Butanone	100	110	ug/Kg	110	20		40 (69)	160 (131)	30 (29)
	Carbon Tetrachloride	20	19.9	ug/Kg	100	6		70 (76)	130 (129)	30 (15)
	cis-1,2-Dichloroethene	20	20.4	ug/Kg	102	1		70 (82)	130 (123)	30 (15)
	Bromochloromethane	20	20.5	ug/Kg	103	6		70 (80)	130 (127)	30 (15)
	Chloroform	20	21.0	ug/Kg	105	1		70 (82)	130 (125)	30 (15)
	1,1,1-Trichloroethane	20	21.0	ug/Kg	105	1		70 (80)	130 (126)	30 (15)
	Methylcyclohexane	20	19.4	ug/Kg	97	7		70 (77)	130 (123)	30 (15)
	Benzene	20	19.7	ug/Kg	99	5		70 (84)	130 (121)	30 (15)
	1,2-Dichloroethane	20	19.9	ug/Kg	100	1		70 (81)	130 (126)	30 (15)
	Trichloroethene	20	19.5	ug/Kg	98	4		70 (83)	130 (122)	30 (15)
	1,2-Dichloropropane	20	19.7	ug/Kg	99	4		70 (83)	130 (122)	30 (15)
	Bromodichloromethane	20	20.0	ug/Kg	100	1		70 (82)	130 (123)	30 (15)
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	8		40 (70)	160 (135)	30 (26)
	Toluene	20	19.8	ug/Kg	99	7		70 (83)	130 (122)	30 (15)
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97	1		70 (78)	130 (124)	30 (15)
	cis-1,3-Dichloropropene	20	19.5	ug/Kg	98	3		70 (81)	130 (122)	30 (15)
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101	1		70 (82)	130 (125)	30 (15)
	2-Hexanone	100	100	ug/Kg	100	8		40 (66)	160 (138)	30 (27)
	Dibromochloromethane	20	19.7	ug/Kg	99	3		70 (79)	130 (125)	30 (15)
	1,2-Dibromoethane	20	19.8	ug/Kg	99	1		70 (80)	130 (125)	30 (16)
	Tetrachloroethene	20	20.5	ug/Kg	103	3		70 (83)	130 (125)	30 (15)
	Chlorobenzene	20	19.7	ug/Kg	99	5		70 (84)	130 (122)	30 (15)
	Ethyl Benzene	20	20.1	ug/Kg	101	2		70 (82)	130 (124)	30 (15)
	m/p-Xylenes	40	41.0	ug/Kg	103	1		70 (83)	130 (124)	30 (15)
	o-Xylene	20	20.0	ug/Kg	100	0		70 (83)	130 (123)	30 (15)
	Styrene	20	19.7	ug/Kg	99	5		70 (82)	130 (124)	30 (15)
	Bromoform	20	19.5	ug/Kg	98	7		70 (75)	130 (127)	30 (16)
	Isopropylbenzene	20	20.4	ug/Kg	102	2		70 (82)	130 (124)	30 (15)
	1,1,2,2-Tetrachloroethane	20	20.6	ug/Kg	103	6		70 (77)	130 (127)	30 (21)
	1,3-Dichlorobenzene	20	20.8	ug/Kg	104	7		70 (83)	130 (122)	30 (15)
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103	1		70 (84)	130 (121)	30 (15)
	1,2-Dichlorobenzene	20	20.9	ug/Kg	104	4		70 (83)	130 (124)	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.: Q3586 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VW032418.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW1111SBSD01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/Kg	102	14		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100	3		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	20.3	ug/Kg	102	5		70 (70)	130 (137)	30 (16)

( ) = 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.: Q3586 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023754.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1112SBS01	Dichlorodifluoromethane	20	21.2	ug/Kg	106			40 (64)	160 (136)	
	Chloromethane	20	19.0	ug/Kg	95			40 (73)	160 (129)	
	Vinyl chloride	20	19.3	ug/Kg	97			70 (73)	130 (133)	
	Bromomethane	20	20.1	ug/Kg	101			40 (77)	160 (137)	
	Chloroethane	20	19.2	ug/Kg	96			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.0	ug/Kg	105			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.5	ug/Kg	103			70 (81)	130 (123)	
	1,1-Dichloroethene	20	19.7	ug/Kg	99			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (60)	160 (174)	
	Carbon disulfide	20	19.7	ug/Kg	99			40 (73)	160 (125)	
	Methyl tert-butyl Ether	20	19.7	ug/Kg	99			70 (77)	130 (129)	
	Methyl Acetate	20	15.6	ug/Kg	78			70 (51)	130 (140)	
	Methylene Chloride	20	20.2	ug/Kg	101			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	20	19.7	ug/Kg	99			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.9	ug/Kg	100			70 (82)	130 (123)	
	Cyclohexane	20	19.8	ug/Kg	99			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.4	ug/Kg	102			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.6	ug/Kg	98			70 (82)	130 (123)	
	Bromochloromethane	20	20.2	ug/Kg	101			70 (80)	130 (127)	
	Chloroform	20	19.6	ug/Kg	98			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.1	ug/Kg	101			70 (80)	130 (126)	
	Methylcyclohexane	20	20.0	ug/Kg	100			70 (77)	130 (123)	
	Benzene	20	20.1	ug/Kg	101			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.3	ug/Kg	102			70 (81)	130 (126)	
	Trichloroethene	20	20.1	ug/Kg	101			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.7	ug/Kg	99			70 (83)	130 (122)	
	Bromodichloromethane	20	20.3	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.0	ug/Kg	100			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	19.8	ug/Kg	99			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	20.1	ug/Kg	101			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.1	ug/Kg	101			70 (80)	130 (125)	
	Tetrachloroethene	20	20.0	ug/Kg	100			70 (83)	130 (125)	
	Chlorobenzene	20	19.9	ug/Kg	100			70 (84)	130 (122)	
	Ethyl Benzene	20	20.2	ug/Kg	101			70 (82)	130 (124)	
	m/p-Xylenes	40	41.0	ug/Kg	103			70 (83)	130 (124)	
	o-Xylene	20	19.8	ug/Kg	99			70 (83)	130 (123)	
	Styrene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	20.4	ug/Kg	102			70 (75)	130 (127)	
	Isopropylbenzene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/Kg	99			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.4	ug/Kg	97			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.:	**Q3586**	**Analytical Method:**	**SW8260D**
Client:	**Remington & Vernick Engineers**	**Datafile :**	VY023754.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1112SBS01	1,2-Dibromo-3-Chloropropane	20	18.3	ug/Kg	92			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	18.7	ug/Kg	94			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VW1111SBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VW032416.D | Lab Sample ID: VW1111SBL01

Date Analyzed: 11/11/2025 | Time Analyzed: 09:34

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

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1111SBS01	VW1111SBS01	VW032417.D	11/11/2025
VW1111SBSD01	VW1111SBSD01	VW032418.D	11/11/2025
SED-1	Q3586-01	VW032427.D	11/11/2025
SED-2	Q3586-02	VW032428.D	11/11/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VY1112SBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VY023753.D | Lab Sample ID: VY1112SBL01

Date Analyzed: 11/12/2025 | Time Analyzed: 10:37

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
VY1112SBS01	VY1112SBS01	VY023754.D	11/12/2025
SED-1RE	Q3586-01RE	VY023759.D	11/12/2025
SED-2RE	Q3586-02RE	VY023760.D	11/12/2025
SED-3	Q3586-03	VY023761.D	11/12/2025

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: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VW032405.D | BFB Injection Date: 11/10/2025

Instrument ID: MSVOA_W | BFB Injection Time: 14:20

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	18.7
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.1 (98.5) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032406.D	11/10/2025	15:11
VSTDICC010	VSTDICC010	VW032407.D	11/10/2025	15:33
VSTDICC020	VSTDICC020	VW032408.D	11/10/2025	15:55
VSTDICCC050	VSTDICCC050	VW032409.D	11/10/2025	16:17
VSTDICC100	VSTDICC100	VW032410.D	11/10/2025	16:39
VSTDICC150	VSTDICC150	VW032411.D	11/10/2025	17:00

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VW032414.D | BFB Injection Date: 11/11/2025

Instrument ID: MSVOA_W | BFB Injection Time: 07:26

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	19.1
75	30.0 - 60.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66
175	5.0 - 9.0% of mass 174	4.8 (7.2) 1
176	95.0 - 101.0% of mass 174	65 (98.5) 1
177	5.0 - 9.0% of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032415.D	11/11/2025	08:31
VW1111SBL01	VW1111SBL01	VW032416.D	11/11/2025	09:34
VW1111SBS01	VW1111SBS01	VW032417.D	11/11/2025	10:00
VW1111SBSD01	VW1111SBSD01	VW032418.D	11/11/2025	10:21
SED-1	Q3586-01	VW032427.D	11/11/2025	13:54
SED-2	Q3586-02	VW032428.D	11/11/2025	14:15

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VY023660.D | BFB Injection Date: 11/04/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:11

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	17.3
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.3) 1
174	50.0 - 100.0% of mass 95	94.8
175	5.0 - 9.0% of mass 174	7 (7.4) 1
176	95.0 - 101.0% of mass 174	91.1 (96.1) 1
177	5.0 - 9.0% of mass 176	6 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023661.D	11/04/2025	09:19
VSTDICC010	VSTDICC010	VY023662.D	11/04/2025	09:42
VSTDICC020	VSTDICC020	VY023663.D	11/04/2025	10:19
VSTDICCC050	VSTDICCC050	VY023664.D	11/04/2025	10:42
VSTDICC100	VSTDICC100	VY023665.D	11/04/2025	11:05
VSTDICC150	VSTDICC150	VY023666.D	11/04/2025	11:27

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: VY023751.D | BFB Injection Date: 11/12/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:23

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	17.3
75	30.0 - 60.0% of mass 95	49.2
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	1.2 (1.2) 1
174	50.0 - 100.0% of mass 95	93.7
175	5.0 - 9.0% of mass 174	6.9 (7.4) 1
176	95.0 - 101.0% of mass 174	89.5 (95.4) 1
177	5.0 - 9.0% of mass 176	5.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023752.D	11/12/2025	10:01
VY1112SBL01	VY1112SBL01	VY023753.D	11/12/2025	10:37
VY1112SBS01	VY1112SBS01	VY023754.D	11/12/2025	11:04
SED-1RE	Q3586-01RE	VY023759.D	11/12/2025	13:14
SED-2RE	Q3586-02RE	VY023760.D	11/12/2025	13:38
SED-3	Q3586-03	VY023761.D	11/12/2025	14:01

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: VW032415.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_W Time Analyzed: 08:31

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	445777	7.96	817849	8.85	708146	11.63
UPPER LIMIT	891554	8.459	1635700	9.349	1416290	12.129
LOWER LIMIT	222889	7.459	408925	8.349	354073	11.129
EPA SAMPLE NO.						
SED-1	286762	7.97	660595	8.86	665967	11.64
SED-2	283259	7.96	670411	8.86	673114	11.64
VW1111SBL01	277247	7.96	601287	8.85	633123	11.63
VW1111SBS01	436360	7.96	782865	8.85	700699	11.63
VW1111SBSD01	419398	7.97	800811	8.85	702782	11.64

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: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: VW032415.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_W Time Analyzed: 08:31

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

	IS4 AREA #	RT #				
12 HOUR STD	322015	13.556				
UPPER LIMIT	644030	14.056				
LOWER LIMIT	161008	13.056				
EPA SAMPLE NO.						
SED-1	321294	13.56				
SED-2	275351	13.56				
VW1111SBL01	297226	13.56				
VW1111SBS01	322112	13.56				
VW1111SBSD01	321153	13.56				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: VY023752.D Date Analyzed: 11/12/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:01

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	542463	7.71	778548	8.62	693308	11.42
UPPER LIMIT	1084930	8.213	1557100	9.116	1386620	11.92
LOWER LIMIT	271232	7.213	389274	8.116	346654	10.92
EPA SAMPLE NO.						
SED-1RE	90723 *	7.71	111445 *	8.62	77890 *	11.42
SED-2RE	69400 *	7.71	117751 *	8.62	115570 *	11.41
SED-3	715841	7.71	1241972	8.62	1078013	11.41
VY1112SBL01	769463	7.71	1302390	8.62	1092818	11.42
VY1112SBS01	546007	7.71	796865	8.62	695921	11.42

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: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: VY023752.D Date Analyzed: 11/12/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:01

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

	IS4 AREA #		RT #				
12 HOUR STD	345261		13.346				
UPPER LIMIT	690522		13.846				
LOWER LIMIT	172631		12.846				
EPA SAMPLE NO.							
SED-1RE	23500	*	13.35				
SED-2RE	41947	*	13.35				
SED-3	465632		13.35				
VY1112SBL01	431668		13.35				
VY1112SBS01	358224		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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VW1111SBL01	SDG No.:	Q3586
Lab Sample ID:	VW1111SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/11/25 09:34	VW111125
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/11/25 09:34	VW111125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/11/25 09:34	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/11/25 09:34	VW111125
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/11/25 09:34	VW111125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/11/25 09:34	VW111125
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/11/25 09:34	VW111125
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/11/25 09:34	VW111125
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/11/25 09:34	VW111125
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/11/25 09:34	VW111125
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/11/25 09:34	VW111125
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/11/25 09:34	VW111125
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/11/25 09:34	VW111125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/11/25 09:34	VW111125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/11/25 09:34	VW111125
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/11/25 09:34	VW111125
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/11/25 09:34	VW111125
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/11/25 09:34	VW111125
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/11/25 09:34	VW111125
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/11/25 09:34	VW111125
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/11/25 09:34	VW111125
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/11/25 09:34	VW111125
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/11/25 09:34	VW111125
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/11/25 09:34	VW111125
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/11/25 09:34	VW111125
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/11/25 09:34	VW111125
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/11/25 09:34	VW111125
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/11/25 09:34	VW111125
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/11/25 09:34	VW111125
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/11/25 09:34	VW111125
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/11/25 09:34	VW111125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/11/25 09:34	VW111125
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/11/25 09:34	VW111125
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/11/25 09:34	VW111125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/11/25 09:34	VW111125
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/11/25 09:34	VW111125
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/11/25 09:34	VW111125
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/11/25 09:34	VW111125

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VW1111SBL01			SDG No.:	Q3586
Lab Sample ID:	VW1111SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/11/25 09:34	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/11/25 09:34	VW111125
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/11/25 09:34	VW111125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/11/25 09:34	VW111125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/11/25 09:34	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/11/25 09:34	VW111125
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/11/25 09:34	VW111125
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/11/25 09:34	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.2			70 (63) - 130 (155)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.1			70 (70) - 130 (134)	110%	SPK: 50		
2037-26-5	Toluene-d8	53.1			70 (74) - 130 (123)	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.3			70 (52) - 130 (138)	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	277000							
540-36-3	1,4-Difluorobenzene	601000							
3114-55-4	Chlorobenzene-d5	633000							
3855-82-1	1,4-Dichlorobenzene-d4	297000							

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VY1112SBL01	SDG No.:	Q3586
Lab Sample ID:	VY1112SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/12/25 10:37	VY111225
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/12/25 10:37	VY111225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/12/25 10:37	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/12/25 10:37	VY111225
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/12/25 10:37	VY111225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/12/25 10:37	VY111225
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/12/25 10:37	VY111225
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/12/25 10:37	VY111225
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/12/25 10:37	VY111225
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/12/25 10:37	VY111225
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/12/25 10:37	VY111225
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/12/25 10:37	VY111225
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/12/25 10:37	VY111225
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/12/25 10:37	VY111225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/12/25 10:37	VY111225
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/12/25 10:37	VY111225
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/12/25 10:37	VY111225
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/12/25 10:37	VY111225
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/12/25 10:37	VY111225
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/12/25 10:37	VY111225
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/12/25 10:37	VY111225
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/12/25 10:37	VY111225
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/12/25 10:37	VY111225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/12/25 10:37	VY111225
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/12/25 10:37	VY111225
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/12/25 10:37	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/12/25 10:37	VY111225
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/12/25 10:37	VY111225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/12/25 10:37	VY111225
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/12/25 10:37	VY111225
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/12/25 10:37	VY111225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/12/25 10:37	VY111225
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/12/25 10:37	VY111225
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/12/25 10:37	VY111225
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/12/25 10:37	VY111225
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/12/25 10:37	VY111225
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/12/25 10:37	VY111225
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/12/25 10:37	VY111225

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VY1112SBL01			SDG No.:	Q3586
Lab Sample ID:	VY1112SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/12/25 10:37	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/12/25 10:37	VY111225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/12/25 10:37	VY111225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/12/25 10:37	VY111225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/12/25 10:37	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/12/25 10:37	VY111225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/12/25 10:37	VY111225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/12/25 10:37	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.4			70 (63) - 130 (155)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			70 (70) - 130 (134)	102%	SPK: 50		
2037-26-5	Toluene-d8	48.1			70 (74) - 130 (123)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.4			70 (52) - 130 (138)	85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	769000							
540-36-3	1,4-Difluorobenzene	1300000							
3114-55-4	Chlorobenzene-d5	1090000							
3855-82-1	1,4-Dichlorobenzene-d4	432000							

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VW1111SBS01	SDG No.:	Q3586
Lab Sample ID:	VW1111SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.7		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
74-87-3	Chloromethane	20.7		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
75-01-4	Vinyl Chloride	21.0		1	0.79	5.00	ug/Kg	11/11/25 10:00	VW111125
74-83-9	Bromomethane	20.9		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
75-00-3	Chloroethane	20.5		1	1.30	5.00	ug/Kg	11/11/25 10:00	VW111125
75-69-4	Trichlorofluoromethane	18.3		1	1.20	5.00	ug/Kg	11/11/25 10:00	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	21.3		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
75-35-4	1,1-Dichloroethene	21.3		1	1.00	5.00	ug/Kg	11/11/25 10:00	VW111125
67-64-1	Acetone	100		1	4.70	25.0	ug/Kg	11/11/25 10:00	VW111125
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
1634-04-4	Methyl tert-butyl Ether	19.5		1	0.73	5.00	ug/Kg	11/11/25 10:00	VW111125
79-20-9	Methyl Acetate	17.2		1	1.50	5.00	ug/Kg	11/11/25 10:00	VW111125
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	11/11/25 10:00	VW111125
156-60-5	trans-1,2-Dichloroethene	20.1		1	0.86	5.00	ug/Kg	11/11/25 10:00	VW111125
75-34-3	1,1-Dichloroethane	20.6		1	0.80	5.00	ug/Kg	11/11/25 10:00	VW111125
110-82-7	Cyclohexane	20.8		1	0.79	5.00	ug/Kg	11/11/25 10:00	VW111125
78-93-3	2-Butanone	90.4		1	6.50	25.0	ug/Kg	11/11/25 10:00	VW111125
56-23-5	Carbon Tetrachloride	21.2		1	0.97	5.00	ug/Kg	11/11/25 10:00	VW111125
156-59-2	cis-1,2-Dichloroethene	20.2		1	0.75	5.00	ug/Kg	11/11/25 10:00	VW111125
74-97-5	Bromochloromethane	19.4		1	1.20	5.00	ug/Kg	11/11/25 10:00	VW111125
67-66-3	Chloroform	20.7		1	0.84	5.00	ug/Kg	11/11/25 10:00	VW111125
71-55-6	1,1,1-Trichloroethane	20.8		1	0.93	5.00	ug/Kg	11/11/25 10:00	VW111125
108-87-2	Methylcyclohexane	20.8		1	0.91	5.00	ug/Kg	11/11/25 10:00	VW111125
71-43-2	Benzene	20.9		1	0.79	5.00	ug/Kg	11/11/25 10:00	VW111125
107-06-2	1,2-Dichloroethane	20.2		1	0.79	5.00	ug/Kg	11/11/25 10:00	VW111125
79-01-6	Trichloroethene	20.3		1	0.81	5.00	ug/Kg	11/11/25 10:00	VW111125
78-87-5	1,2-Dichloropropane	20.6		1	0.91	5.00	ug/Kg	11/11/25 10:00	VW111125
75-27-4	Bromodichloromethane	20.2		1	0.78	5.00	ug/Kg	11/11/25 10:00	VW111125
108-10-1	4-Methyl-2-Pentanone	92.1		1	3.60	25.0	ug/Kg	11/11/25 10:00	VW111125
108-88-3	Toluene	21.2		1	0.78	5.00	ug/Kg	11/11/25 10:00	VW111125
10061-02-6	t-1,3-Dichloropropene	19.5		1	0.65	5.00	ug/Kg	11/11/25 10:00	VW111125
10061-01-5	cis-1,3-Dichloropropene	20.2		1	0.62	5.00	ug/Kg	11/11/25 10:00	VW111125
79-00-5	1,1,2-Trichloroethane	20.0		1	0.92	5.00	ug/Kg	11/11/25 10:00	VW111125
591-78-6	2-Hexanone	91.7		1	3.70	25.0	ug/Kg	11/11/25 10:00	VW111125
124-48-1	Dibromochloromethane	19.2		1	0.87	5.00	ug/Kg	11/11/25 10:00	VW111125
106-93-4	1,2-Dibromoethane	19.5		1	0.88	5.00	ug/Kg	11/11/25 10:00	VW111125
127-18-4	Tetrachloroethene	21.3		1	1.10	5.00	ug/Kg	11/11/25 10:00	VW111125
108-90-7	Chlorobenzene	20.7		1	0.91	5.00	ug/Kg	11/11/25 10:00	VW111125
100-41-4	Ethyl Benzene	20.5		1	0.67	5.00	ug/Kg	11/11/25 10:00	VW111125
179601-23-1	m/p-Xylenes	41.8		1	1.20	10.0	ug/Kg	11/11/25 10:00	VW111125
95-47-6	o-Xylene	20.0		1	0.82	5.00	ug/Kg	11/11/25 10:00	VW111125
100-42-5	Styrene	20.9		1	0.71	5.00	ug/Kg	11/11/25 10:00	VW111125
75-25-2	Bromoform	18.1		1	0.86	5.00	ug/Kg	11/11/25 10:00	VW111125

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VW1111SBS01			SDG No.:	Q3586
Lab Sample ID:	VW1111SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.7		1	0.78	5.00	ug/Kg	11/11/25 10:00	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1	1.20	5.00	ug/Kg	11/11/25 10:00	VW111125
541-73-1	1,3-Dichlorobenzene	22.1		1	1.70	5.00	ug/Kg	11/11/25 10:00	VW111125
106-46-7	1,4-Dichlorobenzene	20.8		1	1.60	5.00	ug/Kg	11/11/25 10:00	VW111125
95-50-1	1,2-Dichlorobenzene	19.9		1	1.50	5.00	ug/Kg	11/11/25 10:00	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1	1.80	5.00	ug/Kg	11/11/25 10:00	VW111125
120-82-1	1,2,4-Trichlorobenzene	20.5		1	3.00	5.00	ug/Kg	11/11/25 10:00	VW111125
87-61-6	1,2,3-Trichlorobenzene	19.3		1	3.20	5.00	ug/Kg	11/11/25 10:00	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.5			70 (63) - 130 (155)	97%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.5			70 (70) - 130 (134)	99%	SPK: 50		
2037-26-5	Toluene-d8	51.3			70 (74) - 130 (123)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.5			70 (52) - 130 (138)	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	436000							
540-36-3	1,4-Difluorobenzene	783000							
3114-55-4	Chlorobenzene-d5	701000							
3855-82-1	1,4-Dichlorobenzene-d4	322000							

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VY1112SBS01	SDG No.:	Q3586
Lab Sample ID:	VY1112SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.2		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
74-87-3	Chloromethane	19.0		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
75-01-4	Vinyl Chloride	19.3		1	0.79	5.00	ug/Kg	11/12/25 11:04	VY111225
74-83-9	Bromomethane	20.1		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
75-00-3	Chloroethane	19.2		1	1.30	5.00	ug/Kg	11/12/25 11:04	VY111225
75-69-4	Trichlorofluoromethane	21.0		1	1.20	5.00	ug/Kg	11/12/25 11:04	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
75-35-4	1,1-Dichloroethene	19.7		1	1.00	5.00	ug/Kg	11/12/25 11:04	VY111225
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/12/25 11:04	VY111225
75-15-0	Carbon Disulfide	19.7		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
1634-04-4	Methyl tert-butyl Ether	19.7		1	0.73	5.00	ug/Kg	11/12/25 11:04	VY111225
79-20-9	Methyl Acetate	15.6		1	1.50	5.00	ug/Kg	11/12/25 11:04	VY111225
75-09-2	Methylene Chloride	20.2		1	3.50	10.0	ug/Kg	11/12/25 11:04	VY111225
156-60-5	trans-1,2-Dichloroethene	19.7		1	0.86	5.00	ug/Kg	11/12/25 11:04	VY111225
75-34-3	1,1-Dichloroethane	19.9		1	0.80	5.00	ug/Kg	11/12/25 11:04	VY111225
110-82-7	Cyclohexane	19.8		1	0.79	5.00	ug/Kg	11/12/25 11:04	VY111225
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/12/25 11:04	VY111225
56-23-5	Carbon Tetrachloride	20.4		1	0.97	5.00	ug/Kg	11/12/25 11:04	VY111225
156-59-2	cis-1,2-Dichloroethene	19.6		1	0.75	5.00	ug/Kg	11/12/25 11:04	VY111225
74-97-5	Bromochloromethane	20.2		1	1.20	5.00	ug/Kg	11/12/25 11:04	VY111225
67-66-3	Chloroform	19.6		1	0.84	5.00	ug/Kg	11/12/25 11:04	VY111225
71-55-6	1,1,1-Trichloroethane	20.1		1	0.93	5.00	ug/Kg	11/12/25 11:04	VY111225
108-87-2	Methylcyclohexane	20.0		1	0.91	5.00	ug/Kg	11/12/25 11:04	VY111225
71-43-2	Benzene	20.1		1	0.79	5.00	ug/Kg	11/12/25 11:04	VY111225
107-06-2	1,2-Dichloroethane	20.3		1	0.79	5.00	ug/Kg	11/12/25 11:04	VY111225
79-01-6	Trichloroethene	20.1		1	0.81	5.00	ug/Kg	11/12/25 11:04	VY111225
78-87-5	1,2-Dichloropropane	19.7		1	0.91	5.00	ug/Kg	11/12/25 11:04	VY111225
75-27-4	Bromodichloromethane	20.3		1	0.78	5.00	ug/Kg	11/12/25 11:04	VY111225
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	11/12/25 11:04	VY111225
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	11/12/25 11:04	VY111225
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.65	5.00	ug/Kg	11/12/25 11:04	VY111225
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.62	5.00	ug/Kg	11/12/25 11:04	VY111225
79-00-5	1,1,2-Trichloroethane	19.8		1	0.92	5.00	ug/Kg	11/12/25 11:04	VY111225
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/12/25 11:04	VY111225
124-48-1	Dibromochloromethane	20.1		1	0.87	5.00	ug/Kg	11/12/25 11:04	VY111225
106-93-4	1,2-Dibromoethane	20.1		1	0.88	5.00	ug/Kg	11/12/25 11:04	VY111225
127-18-4	Tetrachloroethene	20.0		1	1.10	5.00	ug/Kg	11/12/25 11:04	VY111225
108-90-7	Chlorobenzene	19.9		1	0.91	5.00	ug/Kg	11/12/25 11:04	VY111225
100-41-4	Ethyl Benzene	20.2		1	0.67	5.00	ug/Kg	11/12/25 11:04	VY111225
179601-23-1	m/p-Xylenes	41.0		1	1.20	10.0	ug/Kg	11/12/25 11:04	VY111225
95-47-6	o-Xylene	19.8		1	0.82	5.00	ug/Kg	11/12/25 11:04	VY111225
100-42-5	Styrene	20.1		1	0.71	5.00	ug/Kg	11/12/25 11:04	VY111225
75-25-2	Bromoform	20.4		1	0.86	5.00	ug/Kg	11/12/25 11:04	VY111225

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VY1112SBS01			SDG No.:	Q3586
Lab Sample ID:	VY1112SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.8		1	0.78	5.00	ug/Kg	11/12/25 11:04	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1	1.20	5.00	ug/Kg	11/12/25 11:04	VY111225
541-73-1	1,3-Dichlorobenzene	19.4		1	1.70	5.00	ug/Kg	11/12/25 11:04	VY111225
106-46-7	1,4-Dichlorobenzene	19.6		1	1.60	5.00	ug/Kg	11/12/25 11:04	VY111225
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	11/12/25 11:04	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1	1.80	5.00	ug/Kg	11/12/25 11:04	VY111225
120-82-1	1,2,4-Trichlorobenzene	18.7		1	3.00	5.00	ug/Kg	11/12/25 11:04	VY111225
87-61-6	1,2,3-Trichlorobenzene	19.0		1	3.20	5.00	ug/Kg	11/12/25 11:04	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.4			70 (63) - 130 (155)	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	51.3			70 (74) - 130 (123)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			70 (52) - 130 (138)	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	546000							
540-36-3	1,4-Difluorobenzene	797000							
3114-55-4	Chlorobenzene-d5	696000							
3855-82-1	1,4-Dichlorobenzene-d4	358000							

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VW1111SBSD01	SDG No.:	Q3586
Lab Sample ID:	VW1111SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	17.2		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
74-87-3	Chloromethane	20.5		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
75-01-4	Vinyl Chloride	20.3		1	0.79	5.00	ug/Kg	11/11/25 10:21	VW111125
74-83-9	Bromomethane	21.1		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
75-00-3	Chloroethane	20.5		1	1.30	5.00	ug/Kg	11/11/25 10:21	VW111125
75-69-4	Trichlorofluoromethane	20.2		1	1.20	5.00	ug/Kg	11/11/25 10:21	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
75-35-4	1,1-Dichloroethene	20.3		1	1.00	5.00	ug/Kg	11/11/25 10:21	VW111125
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/11/25 10:21	VW111125
75-15-0	Carbon Disulfide	20.6		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	11/11/25 10:21	VW111125
79-20-9	Methyl Acetate	19.7		1	1.50	5.00	ug/Kg	11/11/25 10:21	VW111125
75-09-2	Methylene Chloride	19.5		1	3.50	10.0	ug/Kg	11/11/25 10:21	VW111125
156-60-5	trans-1,2-Dichloroethene	20.4		1	0.86	5.00	ug/Kg	11/11/25 10:21	VW111125
75-34-3	1,1-Dichloroethane	20.6		1	0.80	5.00	ug/Kg	11/11/25 10:21	VW111125
110-82-7	Cyclohexane	20.0		1	0.79	5.00	ug/Kg	11/11/25 10:21	VW111125
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/11/25 10:21	VW111125
56-23-5	Carbon Tetrachloride	19.9		1	0.97	5.00	ug/Kg	11/11/25 10:21	VW111125
156-59-2	cis-1,2-Dichloroethene	20.4		1	0.75	5.00	ug/Kg	11/11/25 10:21	VW111125
74-97-5	Bromochloromethane	20.5		1	1.20	5.00	ug/Kg	11/11/25 10:21	VW111125
67-66-3	Chloroform	21.0		1	0.84	5.00	ug/Kg	11/11/25 10:21	VW111125
71-55-6	1,1,1-Trichloroethane	21.0		1	0.93	5.00	ug/Kg	11/11/25 10:21	VW111125
108-87-2	Methylcyclohexane	19.4		1	0.91	5.00	ug/Kg	11/11/25 10:21	VW111125
71-43-2	Benzene	19.7		1	0.79	5.00	ug/Kg	11/11/25 10:21	VW111125
107-06-2	1,2-Dichloroethane	19.9		1	0.79	5.00	ug/Kg	11/11/25 10:21	VW111125
79-01-6	Trichloroethene	19.5		1	0.81	5.00	ug/Kg	11/11/25 10:21	VW111125
78-87-5	1,2-Dichloropropane	19.7		1	0.91	5.00	ug/Kg	11/11/25 10:21	VW111125
75-27-4	Bromodichloromethane	20.0		1	0.78	5.00	ug/Kg	11/11/25 10:21	VW111125
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	11/11/25 10:21	VW111125
108-88-3	Toluene	19.8		1	0.78	5.00	ug/Kg	11/11/25 10:21	VW111125
10061-02-6	t-1,3-Dichloropropene	19.4		1	0.65	5.00	ug/Kg	11/11/25 10:21	VW111125
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.62	5.00	ug/Kg	11/11/25 10:21	VW111125
79-00-5	1,1,2-Trichloroethane	20.1		1	0.92	5.00	ug/Kg	11/11/25 10:21	VW111125
591-78-6	2-Hexanone	100		1	3.70	25.0	ug/Kg	11/11/25 10:21	VW111125
124-48-1	Dibromochloromethane	19.7		1	0.87	5.00	ug/Kg	11/11/25 10:21	VW111125
106-93-4	1,2-Dibromoethane	19.8		1	0.88	5.00	ug/Kg	11/11/25 10:21	VW111125
127-18-4	Tetrachloroethene	20.5		1	1.10	5.00	ug/Kg	11/11/25 10:21	VW111125
108-90-7	Chlorobenzene	19.7		1	0.91	5.00	ug/Kg	11/11/25 10:21	VW111125
100-41-4	Ethyl Benzene	20.1		1	0.67	5.00	ug/Kg	11/11/25 10:21	VW111125
179601-23-1	m/p-Xylenes	41.0		1	1.20	10.0	ug/Kg	11/11/25 10:21	VW111125
95-47-6	o-Xylene	20.0		1	0.82	5.00	ug/Kg	11/11/25 10:21	VW111125
100-42-5	Styrene	19.7		1	0.71	5.00	ug/Kg	11/11/25 10:21	VW111125
75-25-2	Bromoform	19.5		1	0.86	5.00	ug/Kg	11/11/25 10:21	VW111125

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VW1111SBSD01			SDG No.:	Q3586
Lab Sample ID:	VW1111SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.4		1	0.78	5.00	ug/Kg	11/11/25 10:21	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1	1.20	5.00	ug/Kg	11/11/25 10:21	VW111125
541-73-1	1,3-Dichlorobenzene	20.8		1	1.70	5.00	ug/Kg	11/11/25 10:21	VW111125
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	5.00	ug/Kg	11/11/25 10:21	VW111125
95-50-1	1,2-Dichlorobenzene	20.9		1	1.50	5.00	ug/Kg	11/11/25 10:21	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		1	1.80	5.00	ug/Kg	11/11/25 10:21	VW111125
120-82-1	1,2,4-Trichlorobenzene	20.0		1	3.00	5.00	ug/Kg	11/11/25 10:21	VW111125
87-61-6	1,2,3-Trichlorobenzene	20.3		1	3.20	5.00	ug/Kg	11/11/25 10:21	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.6			70 (63) - 130 (155)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			70 (70) - 130 (134)	94%	SPK: 50		
2037-26-5	Toluene-d8	48.0			70 (74) - 130 (123)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.6			70 (52) - 130 (138)	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	419000							
540-36-3	1,4-Difluorobenzene	801000							
3114-55-4	Chlorobenzene-d5	703000							
3855-82-1	1,4-Dichlorobenzene-d4	321000							

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_W | Calibration Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 15:11 17:00

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

LAB FILE ID: RRF005 = VW032406.D RRF010 = VW032407.D RRF020 = VW032408.D
RRF050 = VW032409.D RRF100 = VW032410.D RRF150 = VW032411.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.288	0.282	0.231	0.248	0.243	0.230	0.254	10
Chloromethane	0.476	0.439	0.408	0.408	0.438	0.440	0.435	5.8
Vinyl Chloride	0.591	0.567	0.525	0.538	0.543	0.528	0.549	4.6
Bromomethane	0.402	0.371	0.350	0.358	0.364	0.358	0.367	5.1
Chloroethane	0.382	0.361	0.340	0.355	0.362	0.354	0.359	3.9
Trichlorofluoromethane	0.420	0.416	0.392	0.459	0.442	0.452	0.430	5.9
1,1,2-Trichlorotrifluoroethane	0.506	0.495	0.438	0.467	0.458	0.449	0.469	5.6
1,1-Dichloroethene	0.576	0.541	0.506	0.540	0.539	0.523	0.537	4.3
Acetone	0.216	0.194	0.183	0.186	0.190	0.188	0.193	6.3
Carbon Disulfide	1.604	1.574	1.497	1.608	1.644	1.603	1.588	3.1
Methyl tert-butyl Ether	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.5
Methyl Acetate	0.486	0.494	0.459	0.463	0.476	0.487	0.478	2.9
Methylene Chloride	0.789	0.741	0.682	0.640	0.658	0.629	0.690	9.1
trans-1,2-Dichloroethene	0.646	0.619	0.596	0.603	0.624	0.598	0.615	3.1
1,1-Dichloroethane	1.217	1.156	1.091	1.148	1.168	1.138	1.153	3.5
Cyclohexane	1.236	1.141	1.016	1.027	1.003	0.976	1.066	9.5
2-Butanone	0.292	0.288	0.282	0.280	0.284	0.278	0.284	1.9
Carbon Tetrachloride	0.392	0.398	0.386	0.399	0.386	0.391	0.392	1.4
cis-1,2-Dichloroethene	0.764	0.727	0.713	0.729	0.748	0.723	0.734	2.5
Bromochloromethane	0.606	0.563	0.533	0.502	0.538	0.527	0.545	6.6
Chloroform	1.164	1.165	1.089	1.109	1.141	1.103	1.129	2.9
1,1,1-Trichloroethane	0.831	0.820	0.776	0.817	0.817	0.777	0.806	2.9
Methylcyclohexane	0.560	0.575	0.562	0.598	0.562	0.572	0.571	2.5
Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.2
1,2-Dichloroethane	0.425	0.423	0.416	0.421	0.409	0.409	0.417	1.7
Trichloroethene	0.336	0.340	0.327	0.335	0.323	0.323	0.331	2.2
1,2-Dichloropropane	0.356	0.360	0.354	0.356	0.350	0.346	0.354	1.4
Bromodichloromethane	0.460	0.469	0.456	0.482	0.481	0.482	0.471	2.5
4-Methyl-2-Pentanone	0.304	0.329	0.330	0.336	0.317	0.311	0.321	3.9
Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.7

* 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: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_W | Calibration Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 15:11 17:00

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

LAB FILE ID: RRF005 = VW032406.D RRF010 = VW032407.D RRF020 = VW032408.D
RRF050 = VW032409.D RRF100 = VW032410.D RRF150 = VW032411.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.445	0.481	0.469	0.504	0.508	0.507	0.486	5.2
cis-1,3-Dichloropropene	0.531	0.553	0.556	0.579	0.576	0.574	0.562	3.2
1,1,2-Trichloroethane	0.288	0.283	0.282	0.293	0.278	0.277	0.284	2.1
2-Hexanone	0.223	0.245	0.241	0.244	0.231	0.226	0.235	4
Dibromochloromethane	0.306	0.317	0.314	0.320	0.320	0.322	0.317	1.9
1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.8
Tetrachloroethene	0.298	0.304	0.285	0.300	0.303	0.287	0.296	2.8
Chlorobenzene	1.087	1.088	1.042	1.133	1.093	1.023	1.078	3.7
Ethyl Benzene	1.875	1.853	1.822	1.944	1.915	1.779	1.865	3.2
m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3
o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.5
Styrene	1.104	1.146	1.132	1.208	1.212	1.118	1.153	4
Bromoform	0.187	0.201	0.193	0.203	0.205	0.196	0.198	3.5
Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.9
1,1,2,2-Tetrachloroethane	0.886	0.869	0.845	0.927	0.871	0.831	0.871	3.8
1,3-Dichlorobenzene	1.665	1.630	1.620	1.721	1.659	1.596	1.648	2.7
1,4-Dichlorobenzene	1.776	1.680	1.644	1.774	1.658	1.602	1.689	4.2
1,2-Dichlorobenzene	1.547	1.528	1.464	1.545	1.509	1.488	1.513	2.2
1,2-Dibromo-3-Chloropropane	0.145	0.146	0.145	0.159	0.152	0.154	0.150	3.8
1,2,4-Trichlorobenzene	0.943	0.917	0.923	1.032	0.972	0.992	0.963	4.6
1,2,3-Trichlorobenzene	0.892	0.831	0.836	0.901	0.880	0.906	0.874	3.8
1,2-Dichloroethane-d4	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.4
Dibromofluoromethane	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.3
Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.9
4-Bromofluorobenzene	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.6

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_Y | Calibration Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:19 11:27

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

LAB FILE ID: RRF005 = VY023661.D RRF010 = VY023662.D RRF020 = VY023663.D
RRF050 = VY023664.D RRF100 = VY023665.D RRF150 = VY023666.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.391	0.380	0.373	0.275	0.284	0.266	0.328	17.9
Chloromethane	0.537	0.510	0.489	0.413	0.424	0.382	0.459	13.4
Vinyl Chloride	0.680	0.662	0.633	0.547	0.556	0.508	0.598	11.7
Bromomethane	0.587	0.555	0.530	0.443	0.464	0.437	0.503	12.5
Chloroethane	0.458	0.455	0.432	0.386	0.393	0.354	0.413	10.1
Trichlorofluoromethane	0.937	0.908	0.887	0.780	0.782	0.756	0.842	9.2
1,1,2-Trichlorotrifluoroethane	0.519	0.506	0.471	0.433	0.439	0.414	0.464	9.1
1,1-Dichloroethene	0.476	0.462	0.462	0.421	0.441	0.419	0.447	5.2
Acetone	0.115	0.106	0.115	0.094	0.105	0.102	0.106	7.4
Carbon Disulfide	1.479	1.468	1.424	1.288	1.330	1.237	1.371	7.3
Methyl tert-butyl Ether	0.980	0.945	1.059	1.008	1.132	1.091	1.036	6.8
Methyl Acetate	0.221	0.206	0.292	0.210	0.256	0.218	0.234	14.4
Methylene Chloride	0.652	0.532	0.515	0.460	0.476	0.436	0.512	15.1
trans-1,2-Dichloroethene	0.512	0.515	0.519	0.487	0.510	0.479	0.504	3.3
1,1-Dichloroethane	0.855	0.818	0.822	0.775	0.813	0.760	0.807	4.3
Cyclohexane	0.789	0.719	0.692	0.662	0.695	0.660	0.703	6.8
2-Butanone	0.128	0.113	0.130	0.111	0.127	0.127	0.123	6.8
Carbon Tetrachloride	0.516	0.491	0.501	0.477	0.494	0.473	0.492	3.2
cis-1,2-Dichloroethene	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.4
Bromochloromethane	0.317	0.329	0.329	0.290	0.311	0.279	0.309	6.7
Chloroform	0.957	0.934	0.919	0.863	0.898	0.833	0.901	5.1
1,1,1-Trichloroethane	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.7
Methylcyclohexane	0.499	0.495	0.536	0.539	0.569	0.563	0.534	5.8
Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.6
1,2-Dichloroethane	0.343	0.331	0.344	0.321	0.339	0.320	0.333	3.3
Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.8
1,2-Dichloropropane	0.294	0.285	0.300	0.284	0.297	0.283	0.290	2.6
Bromodichloromethane	0.456	0.442	0.471	0.444	0.469	0.441	0.454	3
4-Methyl-2-Pentanone	0.143	0.136	0.170	0.158	0.181	0.180	0.162	11.8
Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.7

* 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: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_Y | Calibration Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:19 11:27

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

LAB FILE ID: RRF005 = VY023661.D RRF010 = VY023662.D RRF020 = VY023663.D
RRF050 = VY023664.D RRF100 = VY023665.D RRF150 = VY023666.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.346	0.349	0.389	0.387	0.426	0.407	0.384	8.2
cis-1,3-Dichloropropene	0.419	0.434	0.475	0.463	0.495	0.474	0.460	6.1
1,1,2-Trichloroethane	0.244	0.230	0.250	0.234	0.249	0.236	0.241	3.5
2-Hexanone	0.101	0.099	0.127	0.115	0.132	0.133	0.118	12.9
Dibromochloromethane	0.325	0.314	0.342	0.326	0.347	0.329	0.330	3.7
1,2-Dibromoethane	0.221	0.208	0.240	0.222	0.238	0.226	0.226	5.3
Tetrachloroethene	0.554	0.549	0.545	0.512	0.500	0.462	0.520	6.9
Chlorobenzene	1.096	1.095	1.109	1.067	1.107	1.057	1.089	2
Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.6
m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.1
o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9
Styrene	0.903	0.979	1.110	1.121	1.184	1.145	1.074	10.1
Bromoform	0.222	0.209	0.230	0.219	0.238	0.231	0.225	4.5
Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.6
1,1,2,2-Tetrachloroethane	0.553	0.494	0.522	0.503	0.569	0.564	0.534	6
1,3-Dichlorobenzene	1.680	1.703	1.714	1.694	1.744	1.709	1.707	1.3
1,4-Dichlorobenzene	1.752	1.685	1.666	1.652	1.679	1.630	1.677	2.5
1,2-Dichlorobenzene	1.468	1.467	1.488	1.454	1.494	1.457	1.471	1.1
1,2-Dibromo-3-Chloropropane	0.085	0.076	0.083	0.076	0.086	0.086	0.082	5.7
1,2,4-Trichlorobenzene	0.738	0.747	0.835	0.853	0.933	0.944	0.842	10.5
1,2,3-Trichlorobenzene	0.619	0.611	0.698	0.717	0.782	0.791	0.703	10.9
1,2-Dichloroethane-d4	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.3
Dibromofluoromethane	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.2
Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.3
4-Bromofluorobenzene	0.354	0.354	0.379	0.388	0.400	0.385	0.376	5

* 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 CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_W | Calibration Date/Time: 11/11/2025 08:31

Lab File ID: VW032415.D | Init. Calib. Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 15:11 17:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.230		-9.45	20
Chloromethane	0.435	0.408	0.1	-6.21	20
Vinyl Chloride	0.549	0.558		1.64	20
Bromomethane	0.367	0.372		1.36	20
Chloroethane	0.359	0.355		-1.11	20
Trichlorofluoromethane	0.430	0.384		-10.7	20
1,1,2-Trichlorotrifluoroethane	0.469	0.477		1.71	20
1,1-Dichloroethene	0.537	0.550		2.42	20
Acetone	0.193	0.206		6.74	20
Carbon Disulfide	1.588	1.648		3.78	20
Methyl tert-butyl Ether	1.133	1.115		-1.59	20
Methyl Acetate	0.478	0.417		-12.76	20
Methylene Chloride	0.690	0.644		-6.67	20
trans-1,2-Dichloroethene	0.615	0.612		-0.49	20
1,1-Dichloroethane	1.153	1.157	0.1	0.35	20
Cyclohexane	1.066	1.033		-3.1	20
2-Butanone	0.284	0.267		-5.99	20
Carbon Tetrachloride	0.392	0.390		-0.51	20
cis-1,2-Dichloroethene	0.734	0.737		0.41	20
Bromochloromethane	0.545	0.521		-4.4	20
Chloroform	1.129	1.128		-0.09	20
1,1,1-Trichloroethane	0.806	0.818		1.49	20
Methylcyclohexane	0.571	0.573		0.35	20
Benzene	1.420	1.398		-1.55	20
1,2-Dichloroethane	0.417	0.397		-4.8	20
Trichloroethene	0.331	0.317		-4.23	20
1,2-Dichloropropane	0.354	0.348		-1.7	20
Bromodichloromethane	0.471	0.467		-0.85	20
4-Methyl-2-Pentanone	0.321	0.295		-8.1	20
Toluene	0.877	0.857		-2.28	20
t-1,3-Dichloropropene	0.486	0.482		-0.82	20
cis-1,3-Dichloropropene	0.562	0.559		-0.53	20
1,1,2-Trichloroethane	0.284	0.267		-5.99	20
2-Hexanone	0.235	0.217		-7.66	20
Dibromochloromethane	0.317	0.315		-0.63	20
1,2-Dibromoethane	0.276	0.262		-5.07	20
Tetrachloroethene	0.296	0.304		2.7	20
Chlorobenzene	1.078	1.089	0.3	1.02	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: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_W | Calibration Date/Time: 11/11/2025 08:31

Lab File ID: VW032415.D | Init. Calib. Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 15:11 17:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	1.926		3.27	20
m/p-Xylenes	0.700	0.720		2.86	20
o-Xylene	0.670	0.690		2.98	20
Styrene	1.153	1.208		4.77	20
Bromoform	0.198	0.193	0.1	-2.53	20
Isopropylbenzene	3.672	3.829		4.28	20
1,1,2,2-Tetrachloroethane	0.871	0.837	0.3	-3.9	20
1,3-Dichlorobenzene	1.648	1.714		4.01	20
1,4-Dichlorobenzene	1.689	1.688		-0.06	20
1,2-Dichlorobenzene	1.513	1.494		-1.26	20
1,2-Dibromo-3-Chloropropane	0.150	0.139		-7.33	20
1,2,4-Trichlorobenzene	0.963	0.953		-1.04	20
1,2,3-Trichlorobenzene	0.874	0.833		-4.69	20
1,2-Dichloroethane-d4	0.645	0.618		-4.19	20
Dibromofluoromethane	0.299	0.293		-2.01	20
Toluene-d8	1.148	1.160		1.04	20
4-Bromofluorobenzene	0.434	0.421		-2.99	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: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3586
Instrument ID: MSVOA_Y
Calibration Date/Time: 11/12/2025 10:01
Lab File ID: VY023752.D
Init. Calib. Date(s): 11/04/2025 11/04/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:19 11:27
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.328	0.287		-12.5	20
Chloromethane	0.459	0.395	0.1	-13.94	20
Vinyl Chloride	0.598	0.535		-10.53	20
Bromomethane	0.503	0.446		-11.33	20
Chloroethane	0.413	0.388		-6.05	20
Trichlorofluoromethane	0.842	0.835		-0.83	20
1,1,2-Trichlorotrifluoroethane	0.464	0.460		-0.86	20
1,1-Dichloroethene	0.447	0.446		-0.22	20
Acetone	0.106	0.126		18.87	20
Carbon Disulfide	1.371	1.308		-4.59	20
Methyl tert-butyl Ether	1.036	1.124		8.49	20
Methyl Acetate	0.234	0.221		-5.56	20
Methylene Chloride	0.512	0.493		-3.71	20
trans-1,2-Dichloroethene	0.504	0.503		-0.2	20
1,1-Dichloroethane	0.807	0.804	0.1	-0.37	20
Cyclohexane	0.703	0.689		-1.99	20
2-Butanone	0.123	0.140		13.82	20
Carbon Tetrachloride	0.492	0.519		5.49	20
cis-1,2-Dichloroethene	0.575	0.587		2.09	20
Bromochloromethane	0.309	0.311		0.65	20
Chloroform	0.901	0.898		-0.33	20
1,1,1-Trichloroethane	0.805	0.810		0.62	20
Methylcyclohexane	0.534	0.575		7.68	20
Benzene	1.316	1.358		3.19	20
1,2-Dichloroethane	0.333	0.350		5.11	20
Trichloroethene	0.378	0.389		2.91	20
1,2-Dichloropropane	0.290	0.301		3.79	20
Bromodichloromethane	0.454	0.480		5.73	20
4-Methyl-2-Pentanone	0.162	0.190		17.28	20
Toluene	0.840	0.900		7.14	20
t-1,3-Dichloropropene	0.384	0.422		9.9	20
cis-1,3-Dichloropropene	0.460	0.494		7.39	20
1,1,2-Trichloroethane	0.241	0.260		7.88	20
2-Hexanone	0.118	0.143		21.19	20
Dibromochloromethane	0.330	0.361		9.39	20
1,2-Dibromoethane	0.226	0.247		9.29	20
Tetrachloroethene	0.520	0.541		4.04	20
Chlorobenzene	1.089	1.147	0.3	5.33	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: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3586

Instrument ID: MSVOA_Y | Calibration Date/Time: 11/12/2025 10:01

Lab File ID: VY023752.D | Init. Calib. Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:19 11:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.762	1.933		9.7	20
m/p-Xylenes	0.704	0.769		9.23	20
o-Xylene	0.651	0.718		10.29	20
Styrene	1.074	1.200		11.73	20
Bromoform	0.225	0.259	0.1	15.11	20
Isopropylbenzene	3.344	3.789		13.31	20
1,1,2,2-Tetrachloroethane	0.534	0.601	0.3	12.55	20
1,3-Dichlorobenzene	1.707	1.800		5.45	20
1,4-Dichlorobenzene	1.677	1.757		4.77	20
1,2-Dichlorobenzene	1.471	1.588		7.95	20
1,2-Dibromo-3-Chloropropane	0.082	0.093		13.41	20
1,2,4-Trichlorobenzene	0.842	0.930		10.45	20
1,2,3-Trichlorobenzene	0.703	0.793		12.8	20
1,2-Dichloroethane-d4	0.427	0.419		-1.87	20
Dibromofluoromethane	0.312	0.321		2.88	20
Toluene-d8	1.164	1.193		2.49	20
4-Bromofluorobenzene	0.376	0.417		10.9	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_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 12 03:49:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	286762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	660595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	665967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	321294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	255006	68.976	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 137.960%			
35) Dibromofluoromethane	7.904	113	227087	57.416	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 114.840%			
50) Toluene-d8	10.331	98	883087	58.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 116.400%			
62) 4-Bromofluorobenzene	12.617	95	564943	98.562	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 197.120%#			
Target Compounds						Qvalue
8) Diethyl Ether	3.728	74	24930	12.357	ug/l	99
11) Tert butyl alcohol	5.210	59	9738m	30.461	ug/l	
16) Acetone	4.167	43	33721	30.487	ug/l	99
17) Carbon Disulfide	4.423	76	67290	7.386	ug/l	99
20) Methylene Chloride	4.960	84	49923	12.621	ug/l	97
22) Diisopropyl ether	6.344	45	195313	16.184	ug/l	90
29) Tetrahydrofuran	7.563	42	7498	7.250	ug/l	91

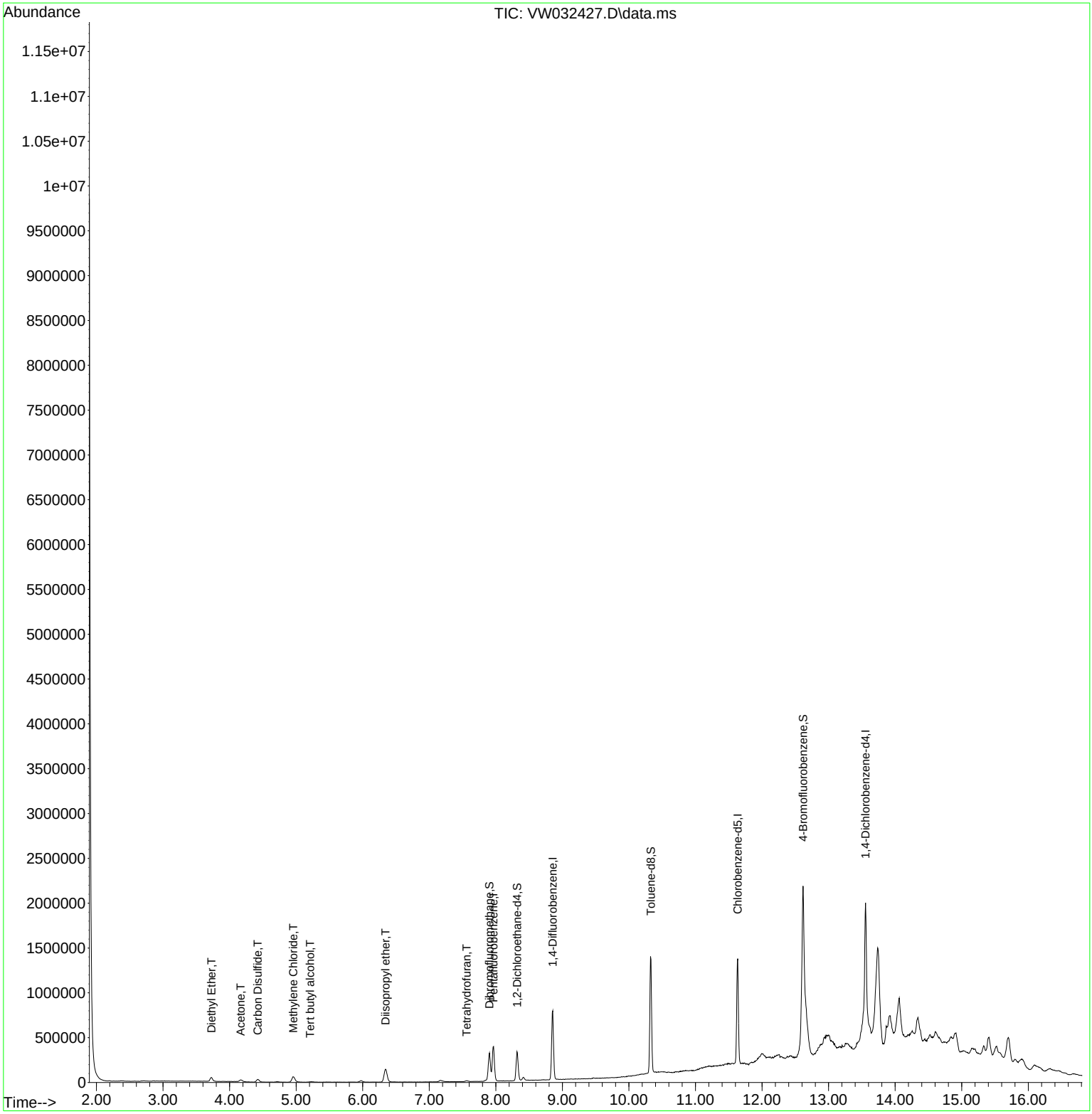
(#) = qualifier out of range (m) = manual integration (+) = signals summed

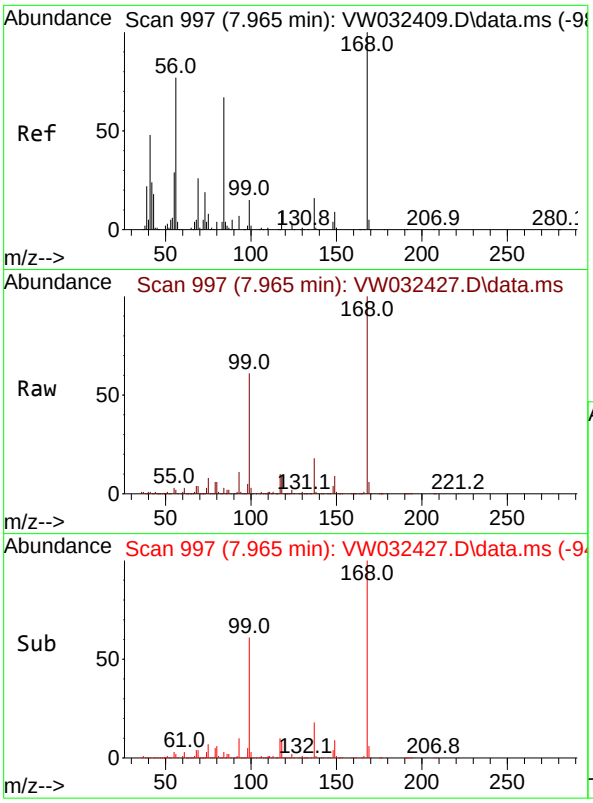
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 12 03:49:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

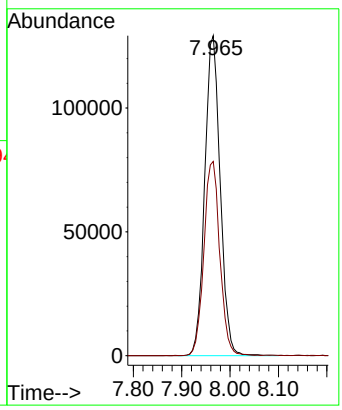
Tgt Ion:168 Resp: 28676

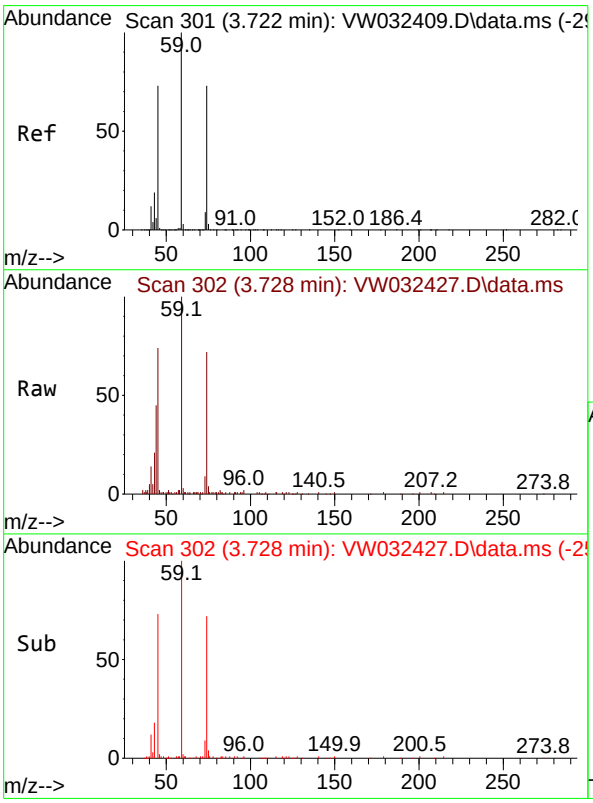
Ion	Ratio	Lower	Upper
168	100		
99	60.7	45.4	68.2

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

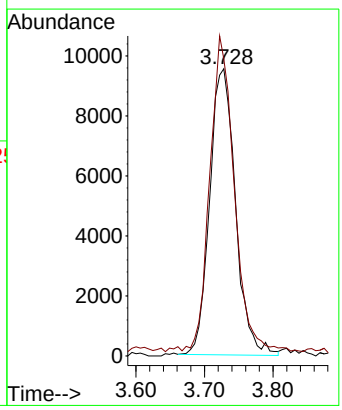


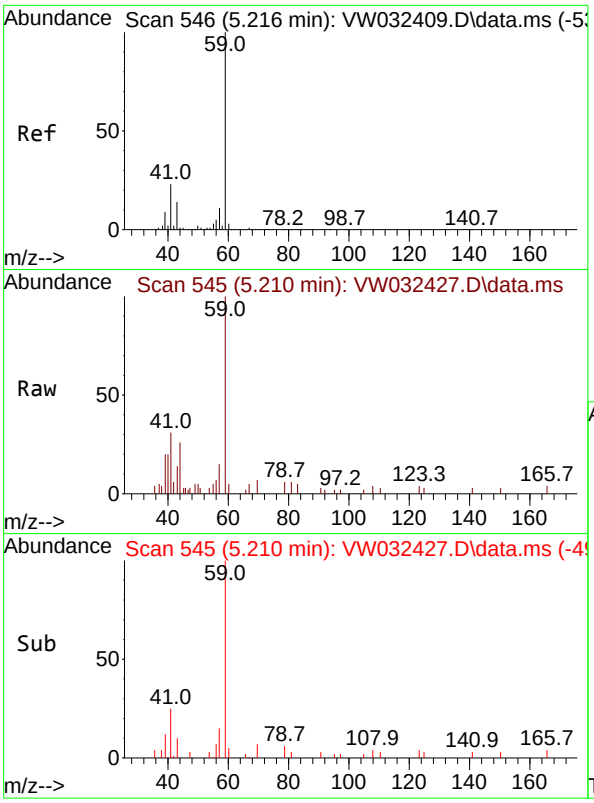


#8
Diethyl Ether
Concen: 12.357 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 74 Resp: 24930

Ion	Ratio	Lower	Upper
74	100		
45	104.2	51.8	155.4

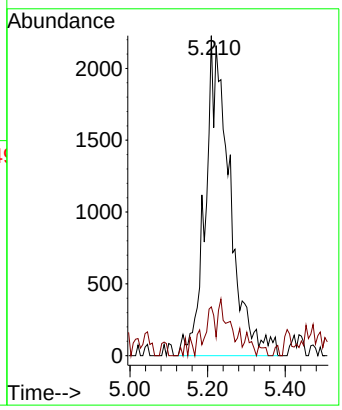




#11
Tert butyl alcohol
Concen: 30.461 ug/l m
RT: 5.210 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 59 Resp: 973

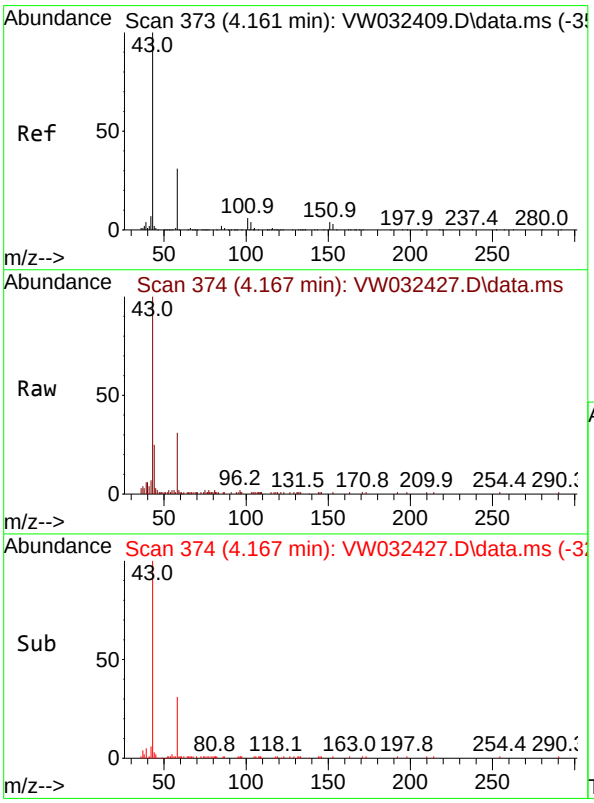
Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.6	12.8



Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

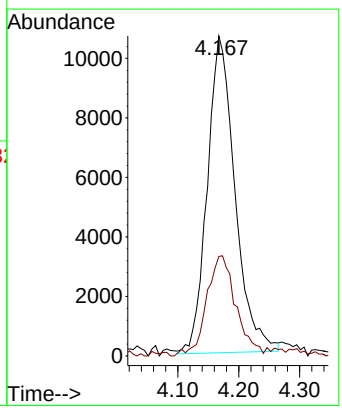
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

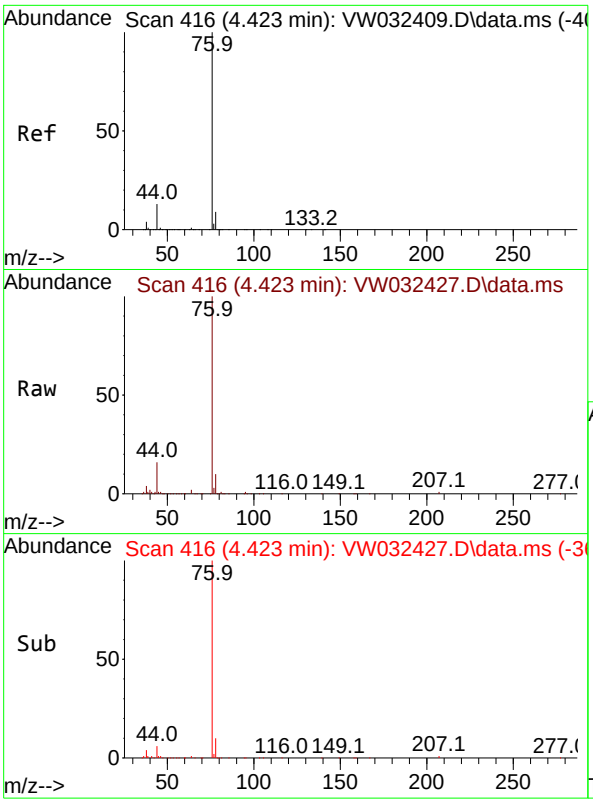


#16
Acetone
Concen: 30.487 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 43 Resp: 33721

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2

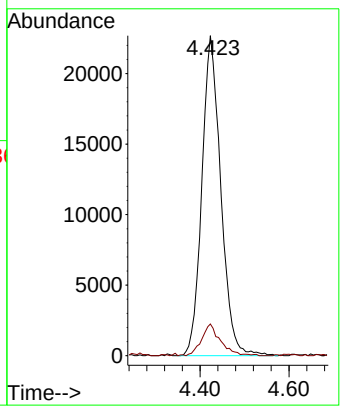




#17
Carbon Disulfide
Concen: 7.386 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 76 Resp: 6729

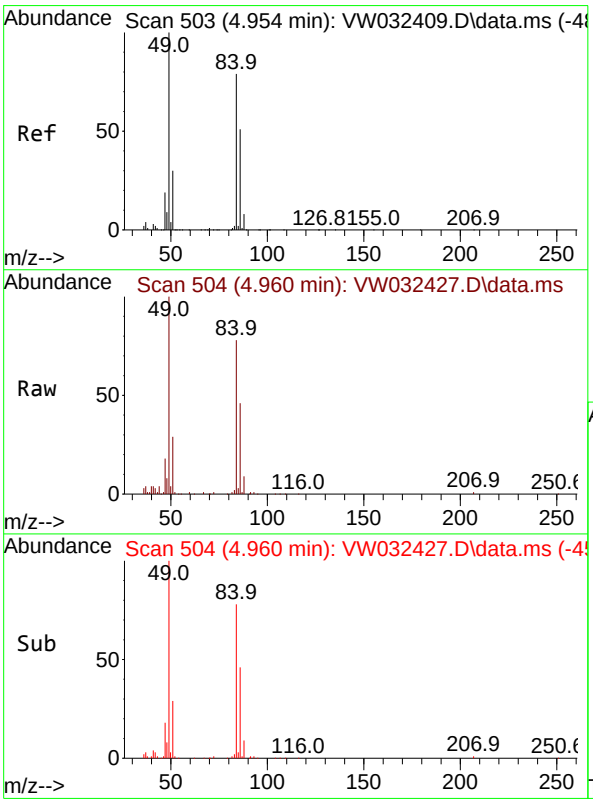
Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.6	11.4



Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

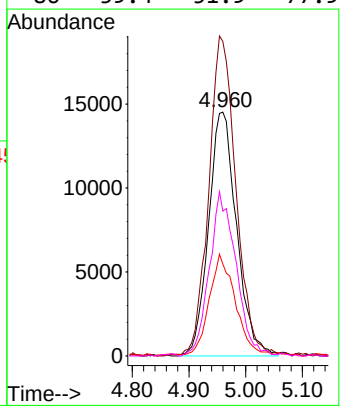
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 12.621 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 84 Resp: 49923

Ion	Ratio	Lower	Upper
84	100		
49	128.3	101.5	152.3
51	37.2	30.6	46.0
86	59.4	51.9	77.9

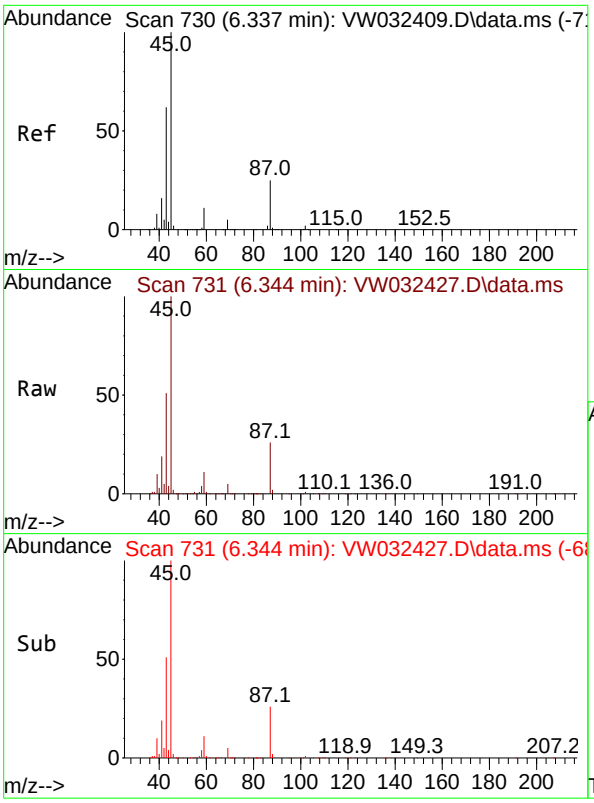


5

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

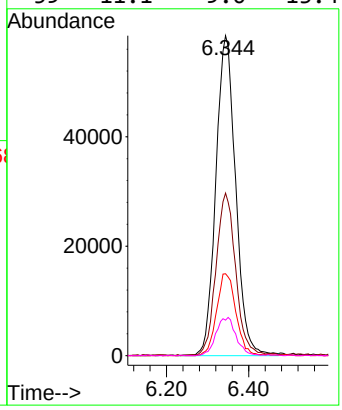
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

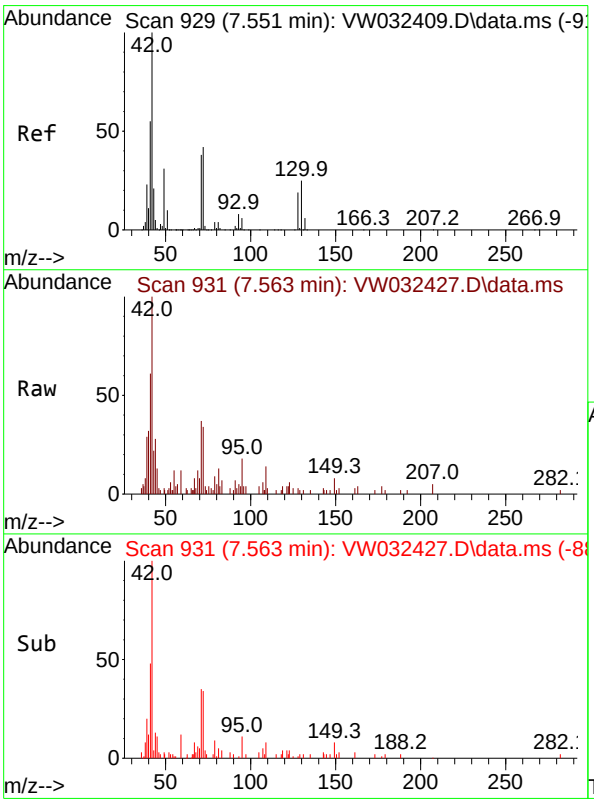


#22
Diisopropyl ether
Concen: 16.184 ug/l
RT: 6.344 min Scan# 7
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 45 Resp: 19531

Ion	Ratio	Lower	Upper
45	100		
43	50.5	49.4	74.2
87	25.6	20.1	30.1
59	11.1	9.0	13.4

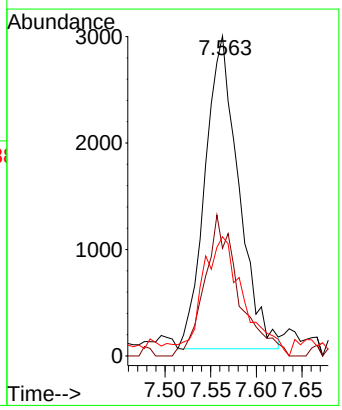


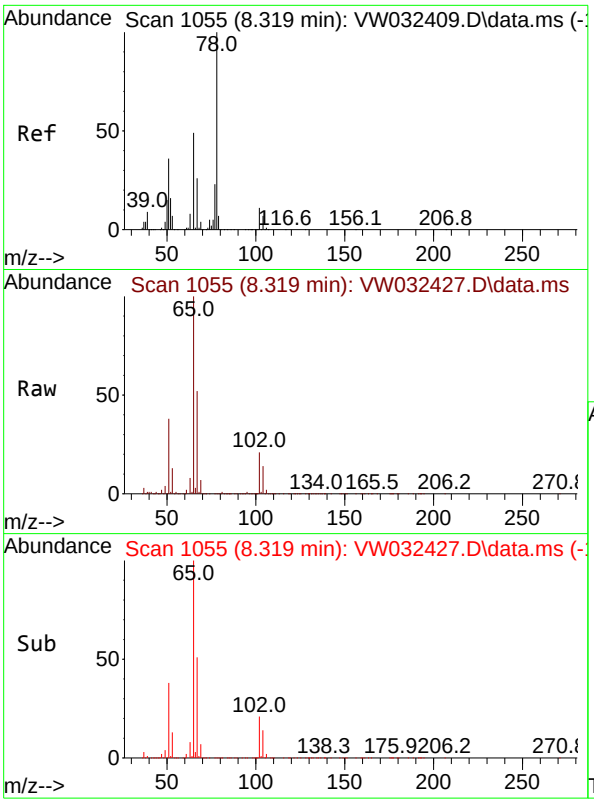


#29
Tetrahydrofuran
Concen: 7.250 ug/l
RT: 7.563 min Scan# 931
Delta R.T. 0.012 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 42 Resp: 7498

Ion	Ratio	Lower	Upper
42	100		
72	45.9	33.6	50.4
71	46.8	31.4	47.0

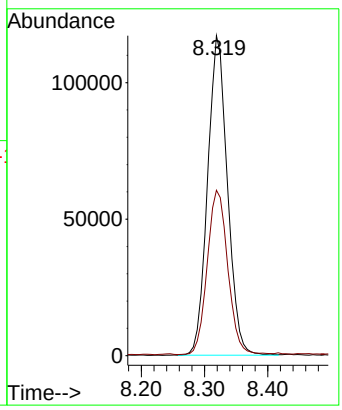




#33
1,2-Dichloroethane-d4
Concen: 68.976 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 65 Resp: 25500

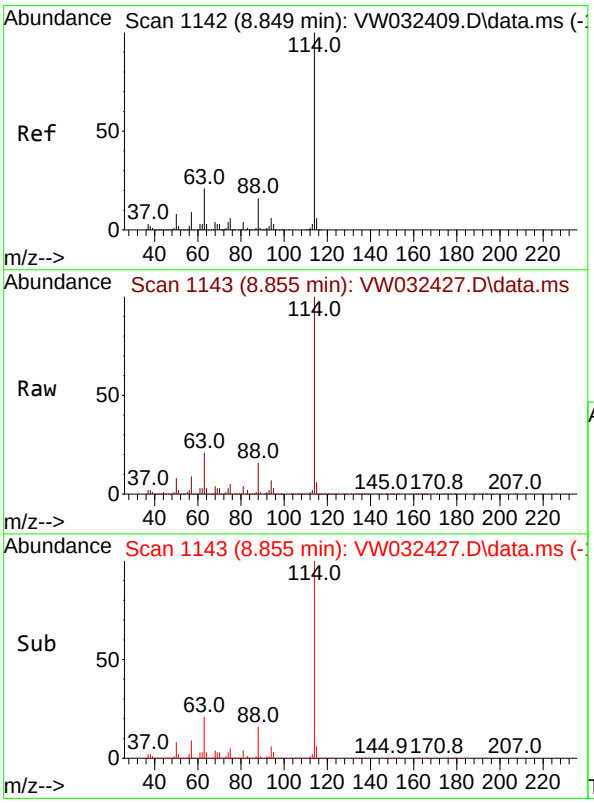
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8



Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

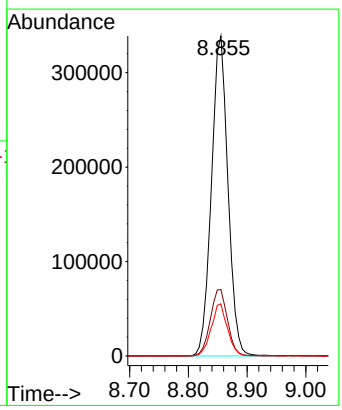
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



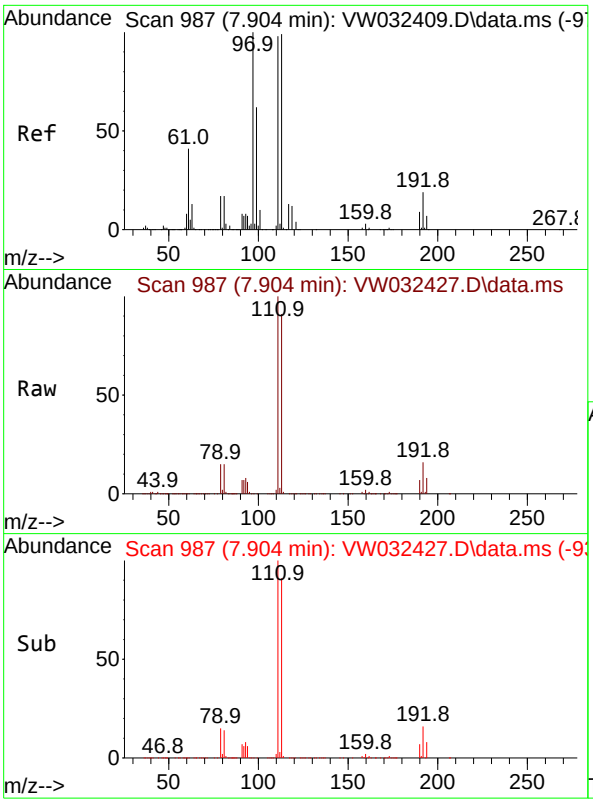
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion:114 Resp: 660595

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.8
88	16.3	0.0	32.6



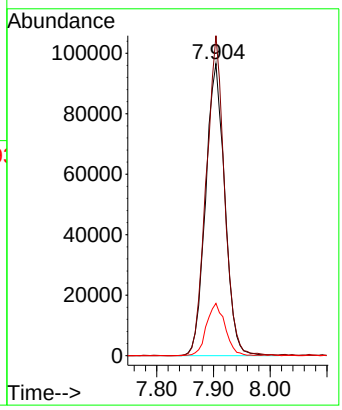
5



#35
Dibromofluoromethane
Concen: 57.416 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

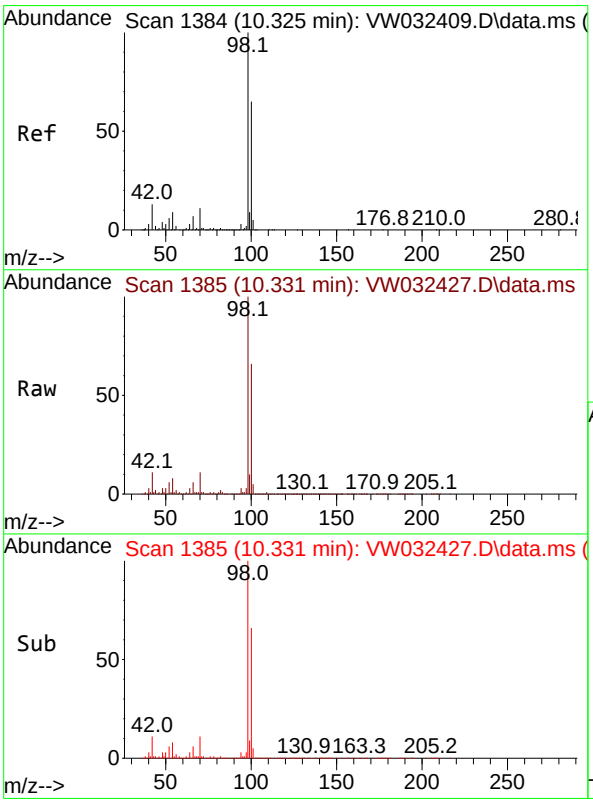
Tgt Ion:113 Resp: 22708

Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.1	124.7
192	17.5	13.4	20.2



Instrument :
MSVOA_W
ClientSampleId :
SED-1

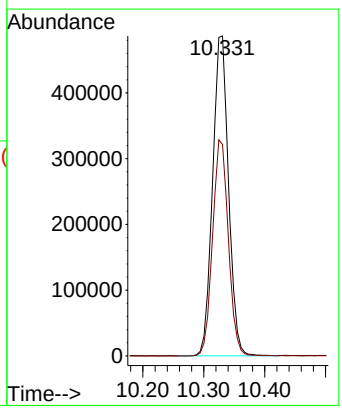
Manual Integrations
APPROVED
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

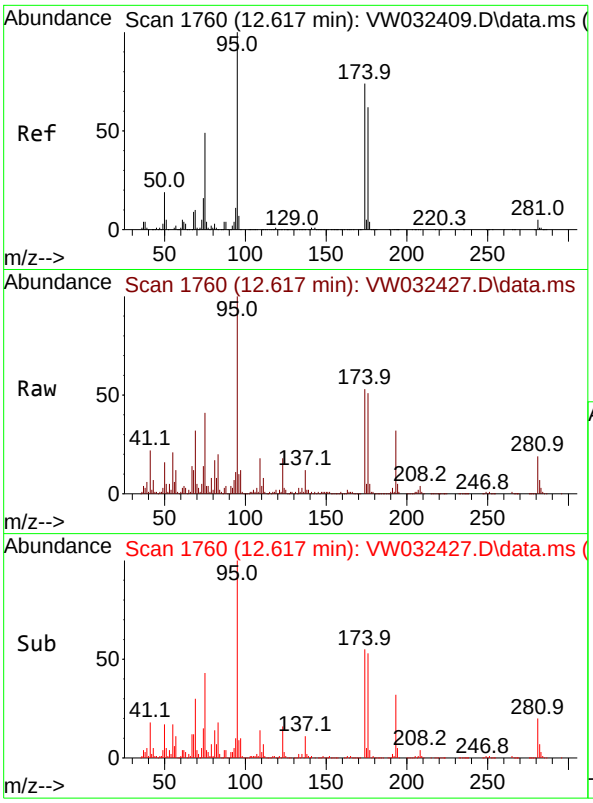


#50
Toluene-d8
Concen: 58.200 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 98 Resp: 883087

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9

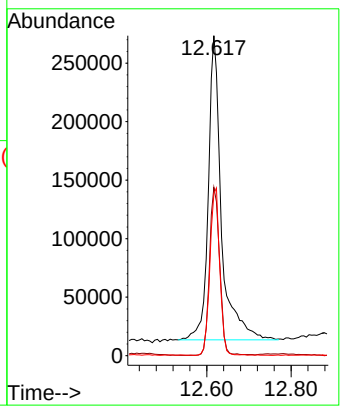




#62
4-Bromofluorobenzene
Concen: 98.562 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 95 Resp: 56494

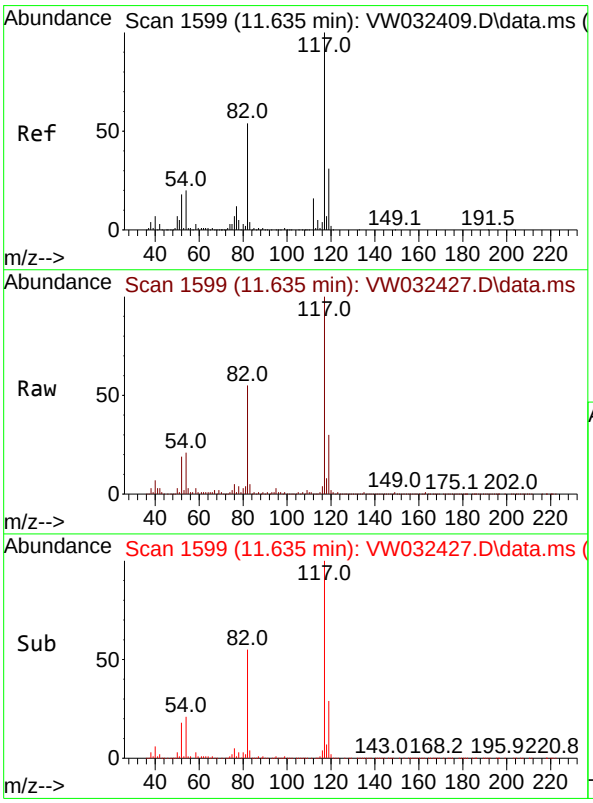
Ion	Ratio	Lower	Upper
95	100		
174	42.9	0.0	135.4
176	41.0	0.0	131.8



Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

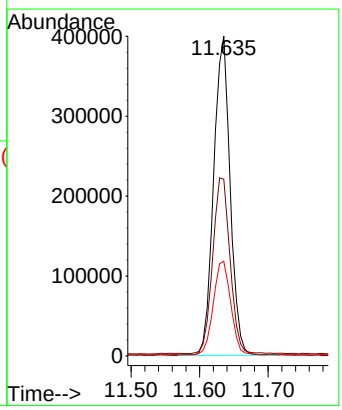
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

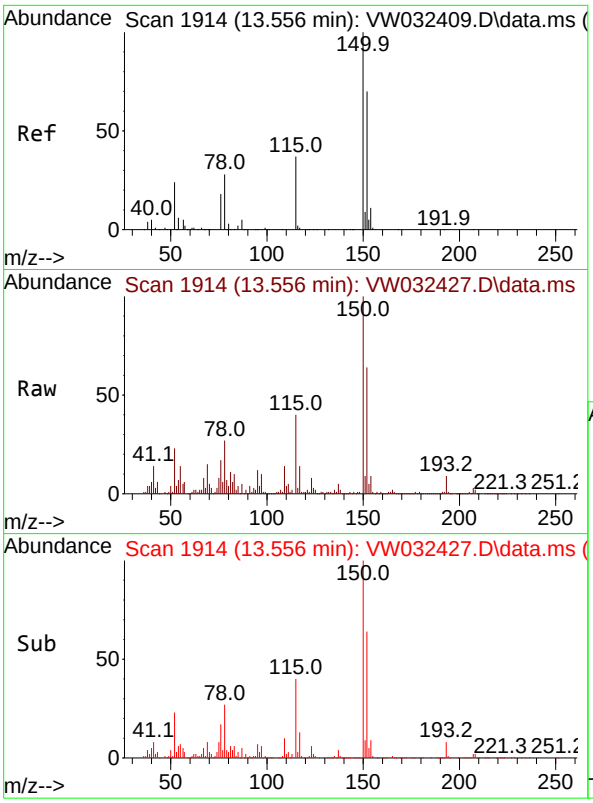


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion:117 Resp: 665967

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	29.2	25.0	37.6

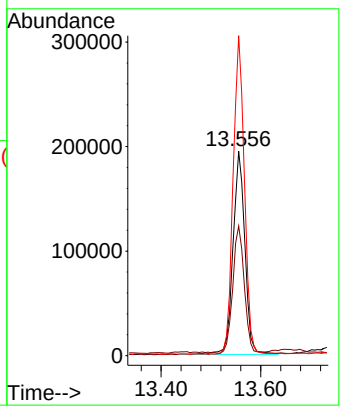




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion:152 Resp: 32129

Ion	Ratio	Lower	Upper
152	100		
115	60.3	32.8	98.3
150	148.6	0.0	356.6



Instrument :
MSVOA_W
ClientSampleId :
SED-1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-1

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_W\Method\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.728	295	302	315	rVB3	43916	119603	1.95%	0.497%
2	4.954	494	503	517	rBV	59173	196390	3.20%	0.815%
3	6.344	717	731	748	rBV	143888	484334	7.90%	2.011%
4	7.904	973	987	992	rBV	313781	772014	12.59%	3.205%
5	7.965	992	997	1011	rVB	385691	854518	13.93%	3.548%
6	8.319	1047	1055	1064	rBV	321771	706945	11.53%	2.935%
7	8.855	1135	1143	1152	rBV	769522	1541425	25.13%	6.400%
8	10.325	1378	1384	1393	rBV	1298276	2353096	38.37%	9.770%
9	11.635	1592	1599	1606	rVB	1171342	2051647	33.45%	8.518%
10	12.617	1752	1760	1781	rVB4	1871814	6132679	100.00%	25.462%
11	13.556	1909	1914	1928	rVB	1455399	3093585	50.44%	12.844%
12	13.739	1936	1944	1957	rVB4	1071856	4217443	68.77%	17.510%
13	13.867	1962	1965	1966	rBV	148110	157033	2.56%	0.652%
14	15.409	2213	2218	2227	rVB5	198433	556386	9.07%	2.310%
15	15.702	2261	2266	2277	rVB3	270144	848720	13.84%	3.524%

Sum of corrected areas: 24085818

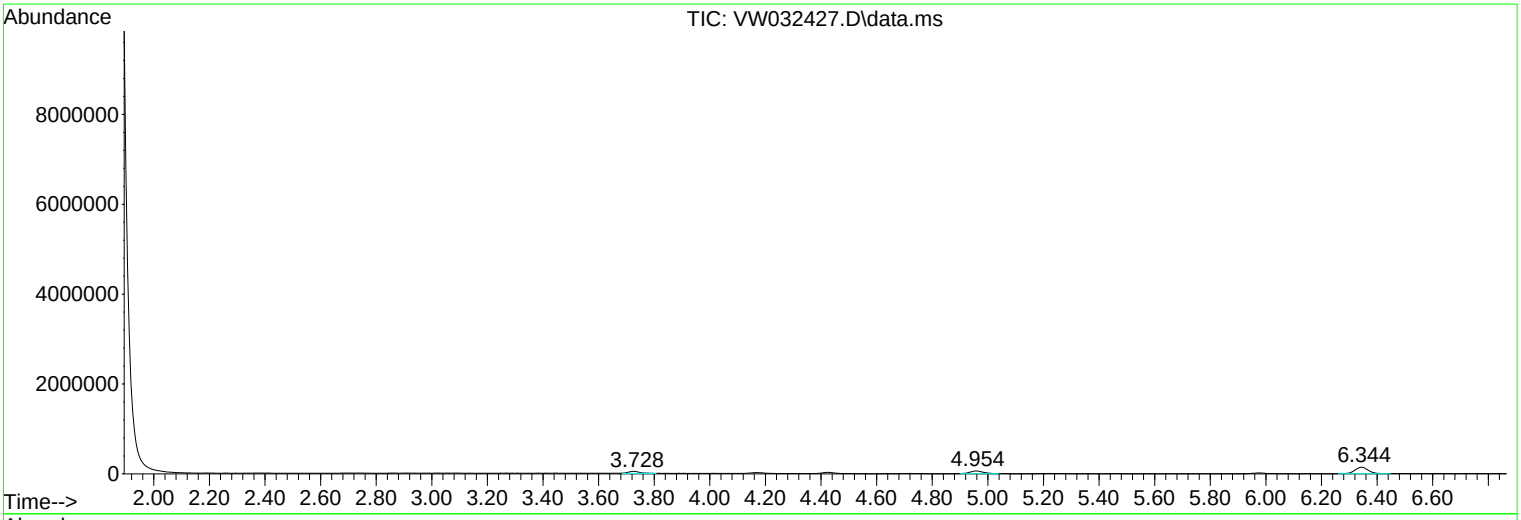
Sample Results: **VW032427.D**

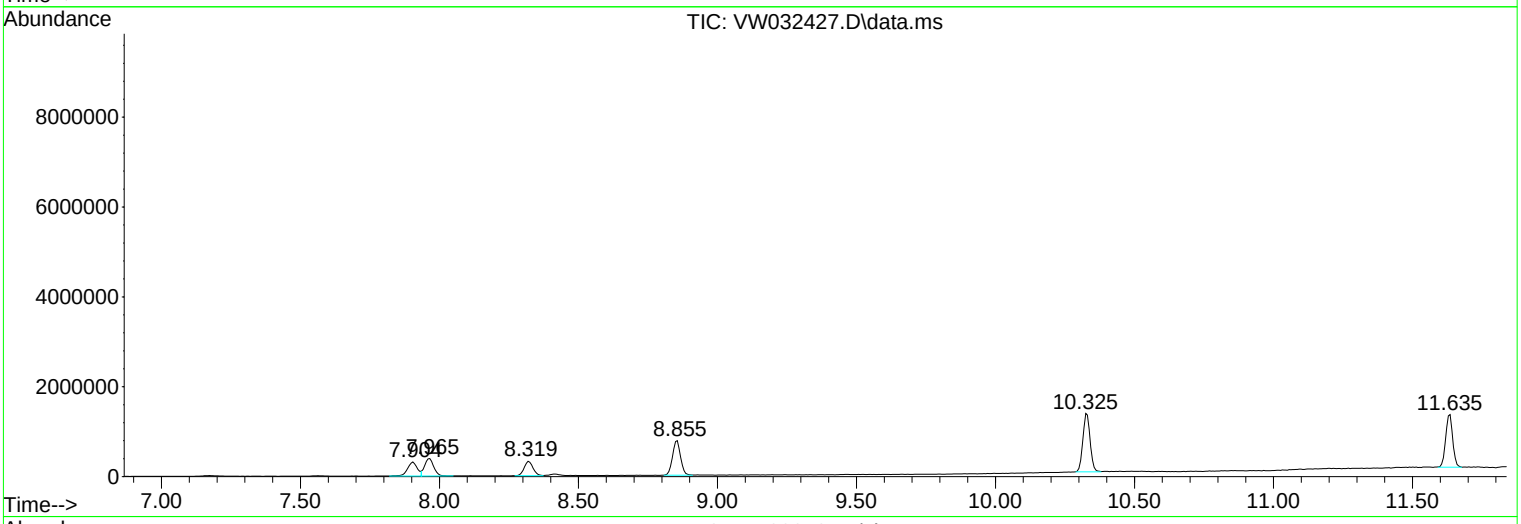
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

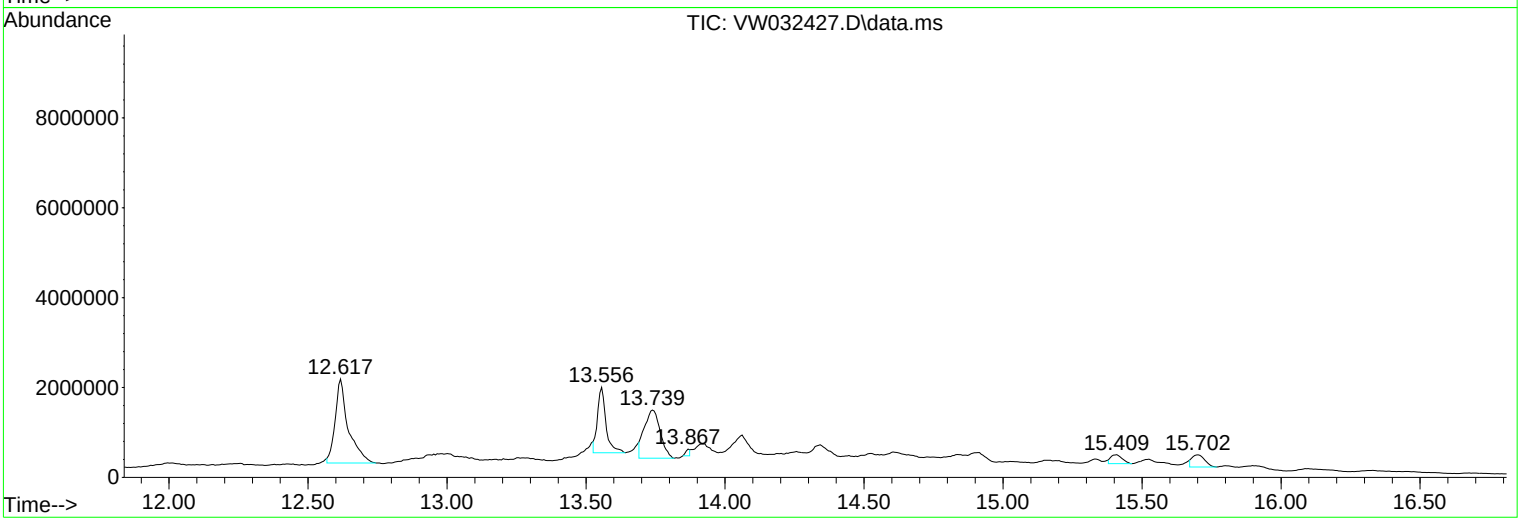
Instrument :
MSVOA_W
ClientSampleId :
SED-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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\VY111225\
Data File : VY023759.D
Acq On : 12 Nov 2025 13:14
Operator : SY/MD
Sample : Q3586-01RE
Misc : 7.78g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 04:50:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	90723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	111445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	77890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28254	36.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.020%		
35) Dibromofluoromethane	7.634	113	32559	46.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.109	98	127782	49.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.408	95	28205	33.618	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	67.240%		
Target Compounds						Qvalue
8) Diethyl Ether	3.446	74	1681	4.104	ug/l	98
16) Acetone	3.854	43	2221m	11.546	ug/l	
17) Carbon Disulfide	4.110	76	8587	3.452	ug/l #	95
20) Methylene Chloride	4.616	84	4592	4.945	ug/l	94
22) Diisopropyl ether	6.018	45	8777	3.992	ug/l #	90

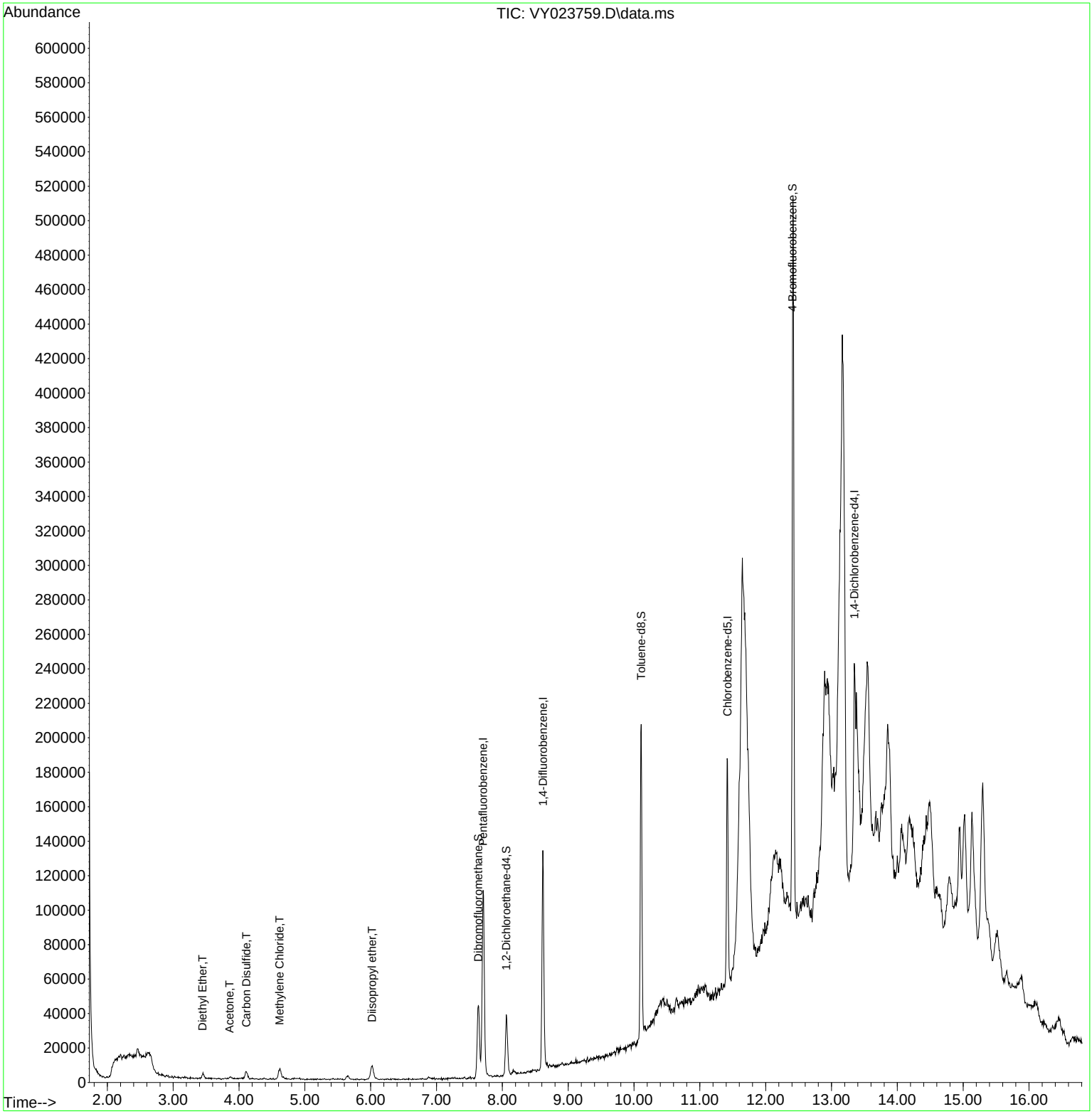
(#) = qualifier out of range (m) = manual integration (+) = signals summed

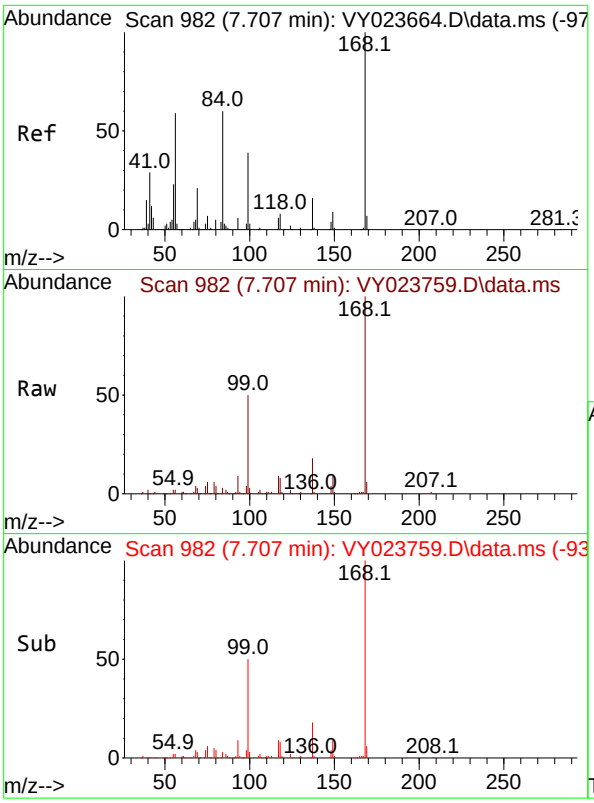
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023759.D
Acq On : 12 Nov 2025 13:14
Operator : SY/MD
Sample : Q3586-01RE
Misc : 7.78g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 04:50:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

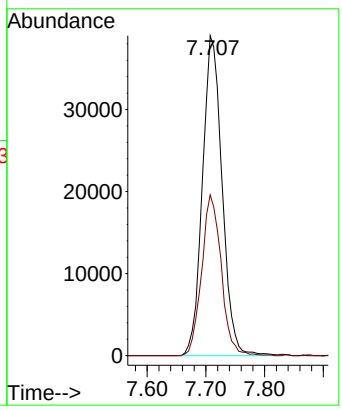
Tgt Ion:168 Resp: 9072

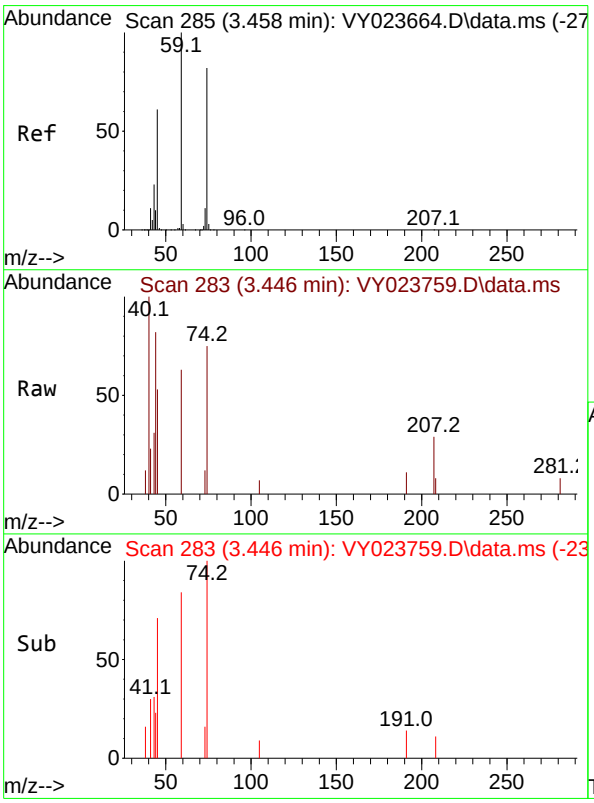
Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.0	61.4

Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

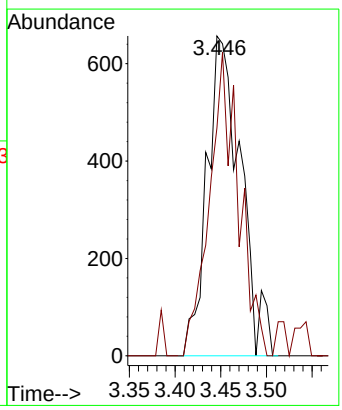




#8
Diethyl Ether
Concen: 4.104 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.012 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 74 Resp: 1681

Ion	Ratio	Lower	Upper
74	100		
45	83.0	40.6	121.7

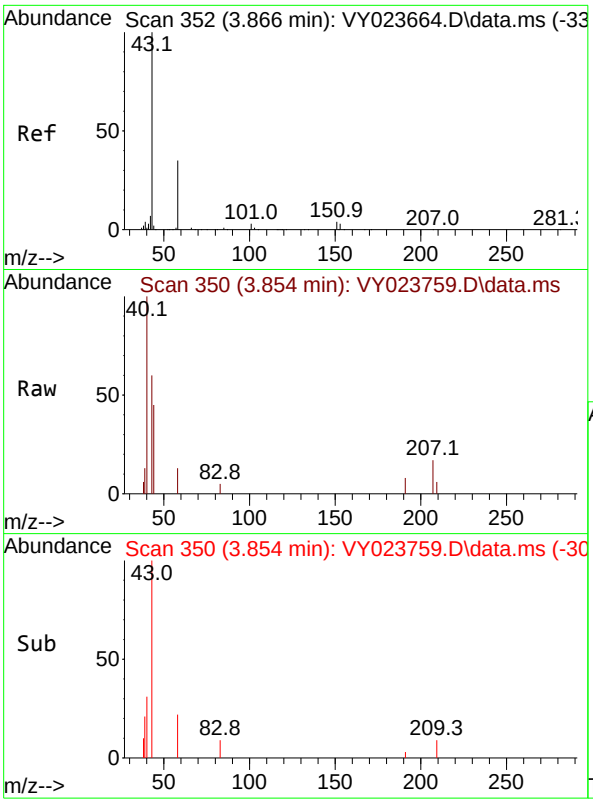


5

Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

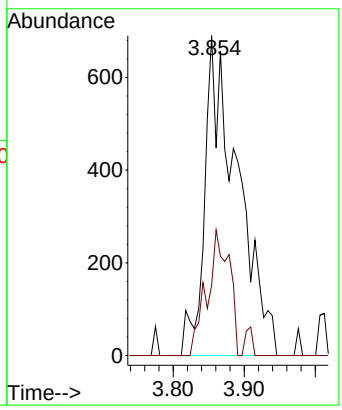
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

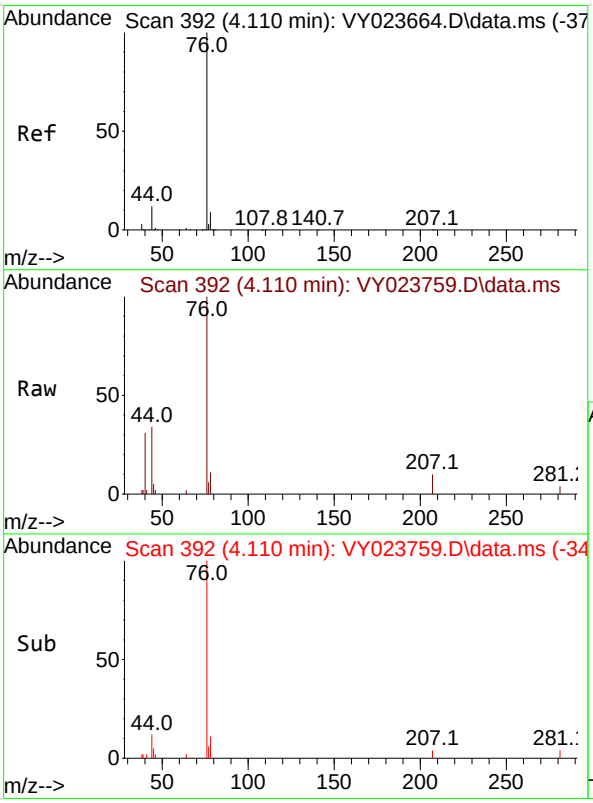


#16
Acetone
Concen: 11.546 ug/l m
RT: 3.854 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 43 Resp: 222

Ion	Ratio	Lower	Upper
43	100		
58	22.0	28.2	42.4#

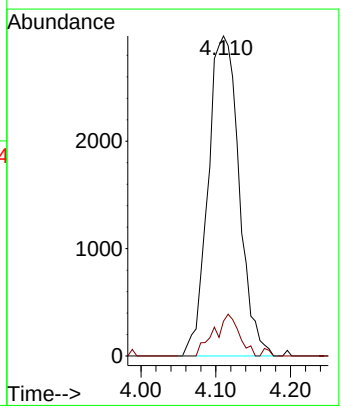


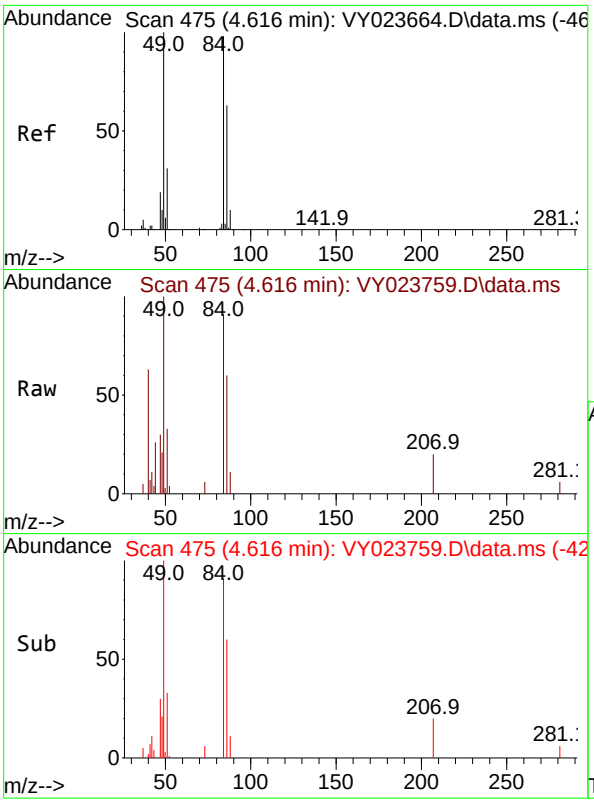


#17
Carbon Disulfide
Concen: 3.452 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 76 Resp: 8587

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.1	10.7#

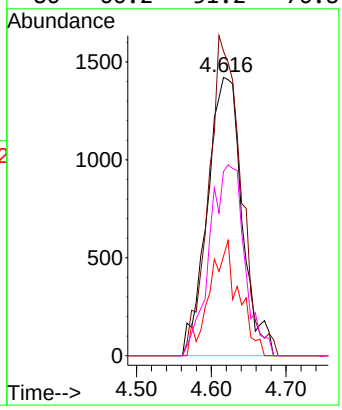




#20
Methylene Chloride
Concen: 4.945 ug/l
RT: 4.616 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 84 Resp: 459

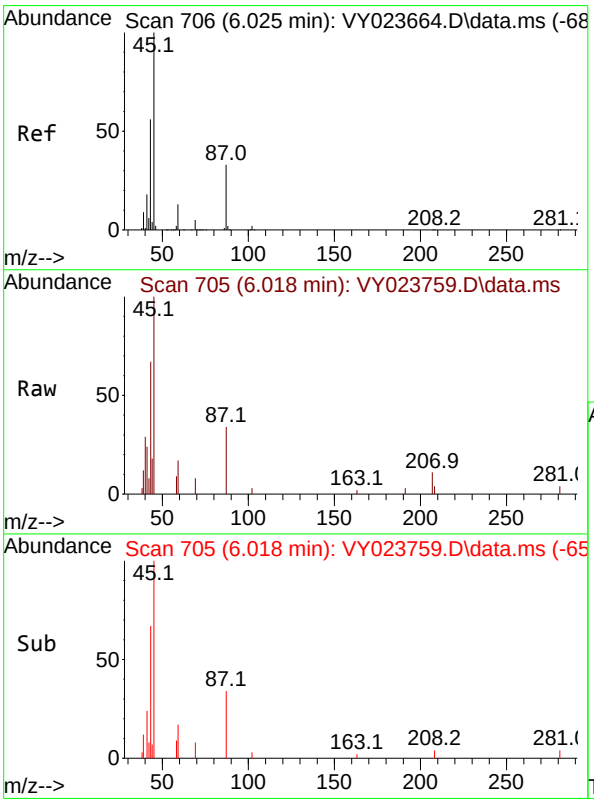
Ion	Ratio	Lower	Upper
84	100		
49	109.4	81.5	122.3
51	35.7	25.5	38.3
86	66.2	51.2	76.8



Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

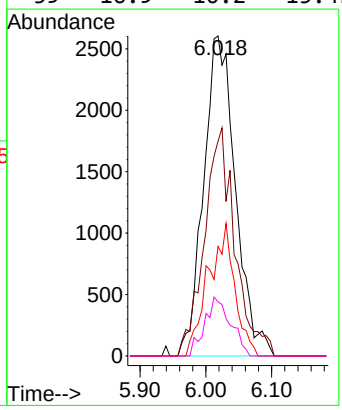
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

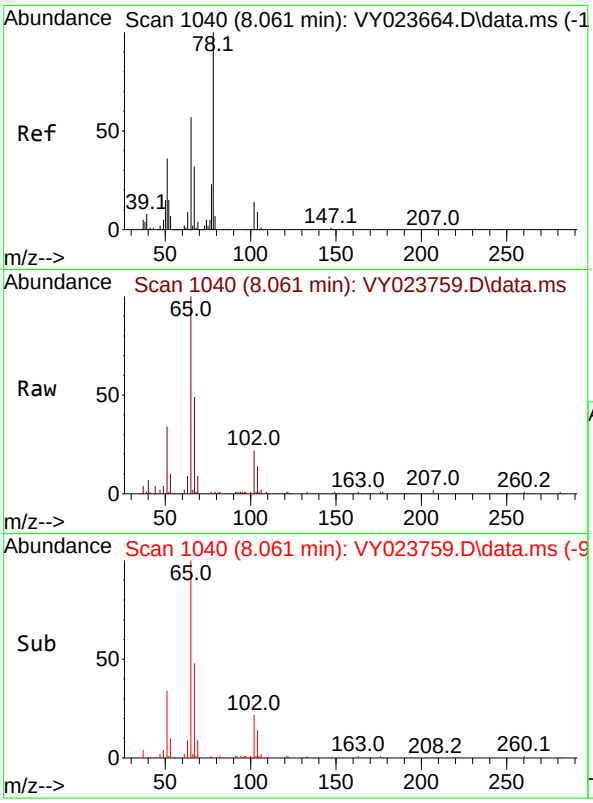


#22
Diisopropyl ether
Concen: 3.992 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 45 Resp: 8777

Ion	Ratio	Lower	Upper
45	100		
43	67.1	44.7	67.1#
87	34.3	27.2	40.8
59	16.9	10.2	15.4#





#33
1,2-Dichloroethane-d4
Concen: 36.510 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

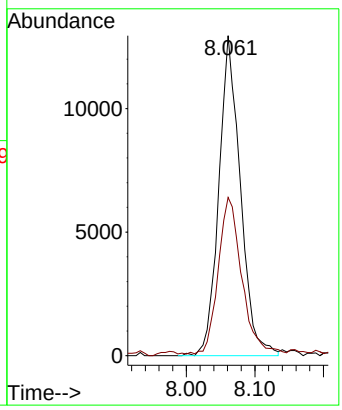
Tgt Ion: 65 Resp: 2825

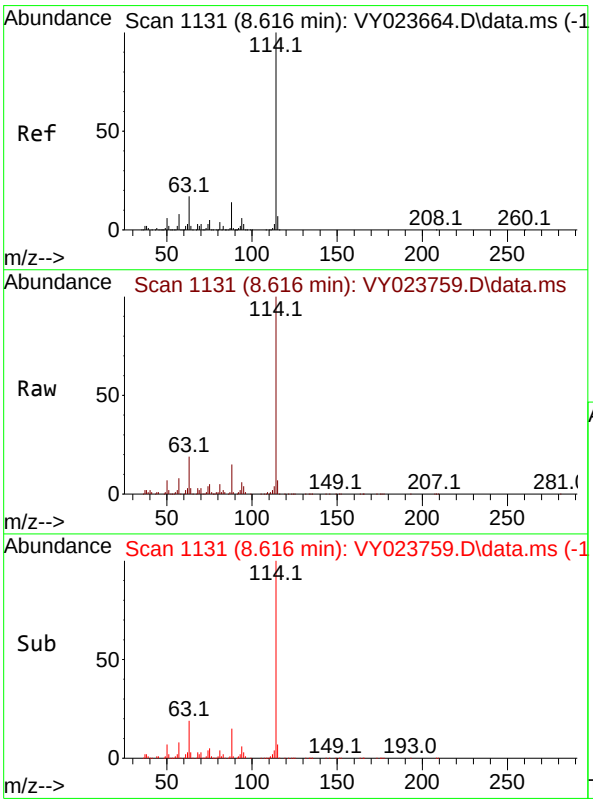
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4

Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

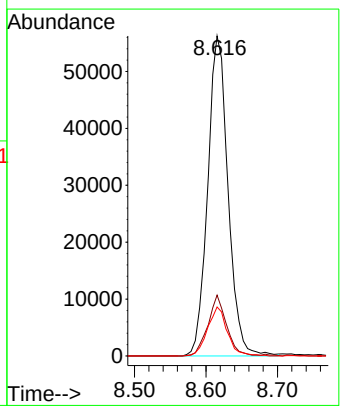


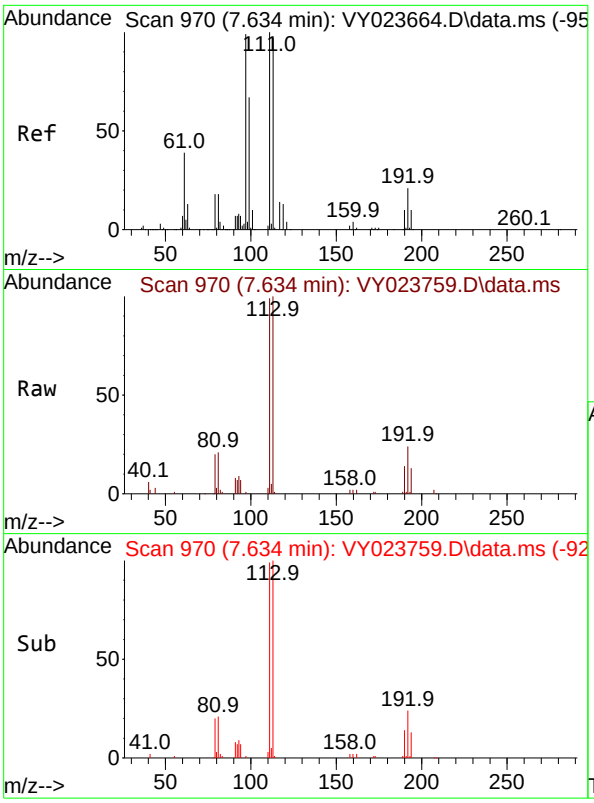


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion:114 Resp: 111445

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	33.8
88	15.3	0.0	29.0

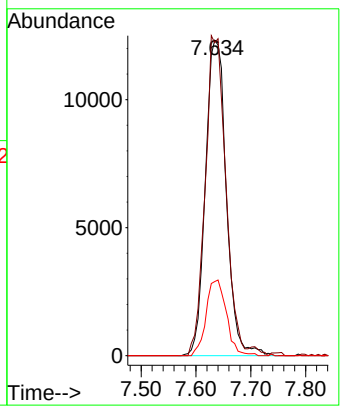




#35
Dibromofluoromethane
Concen: 46.750 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion:113 Resp: 3255

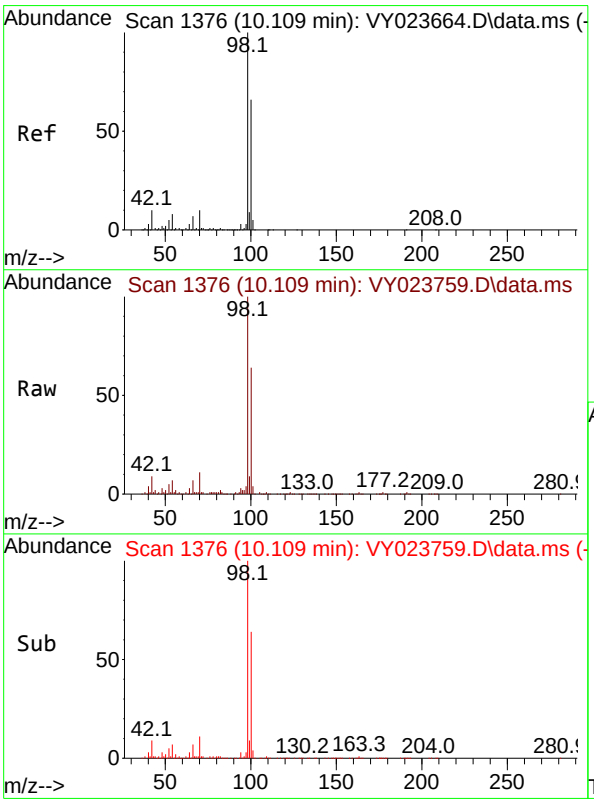
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.2	123.4
192	23.3	17.3	25.9



Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

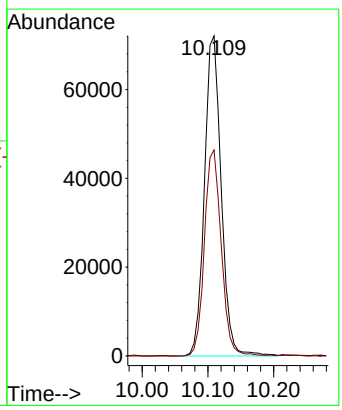
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



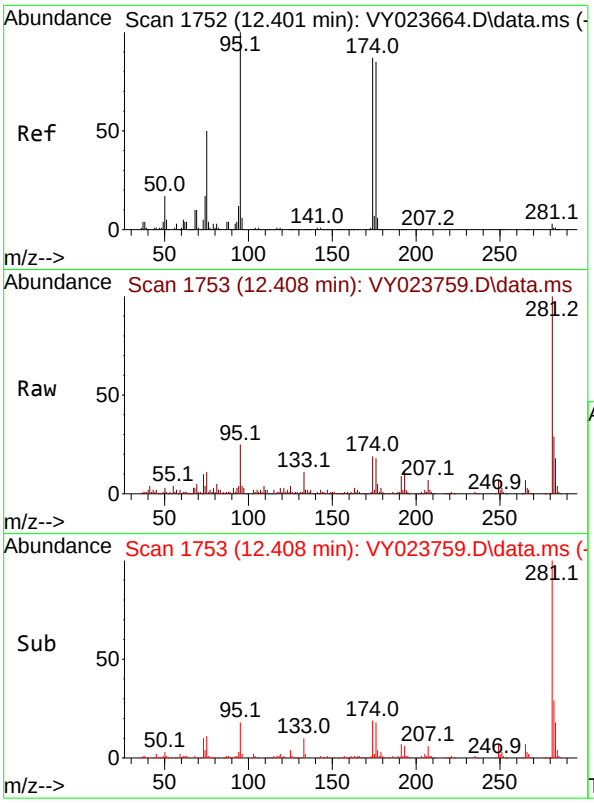
#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 98 Resp: 127782

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.7	79.1



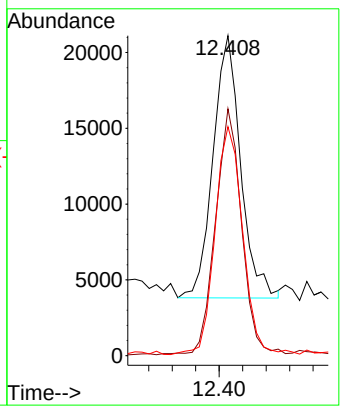
5



#62
4-Bromofluorobenzene
Concen: 33.618 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion: 95 Resp: 2820

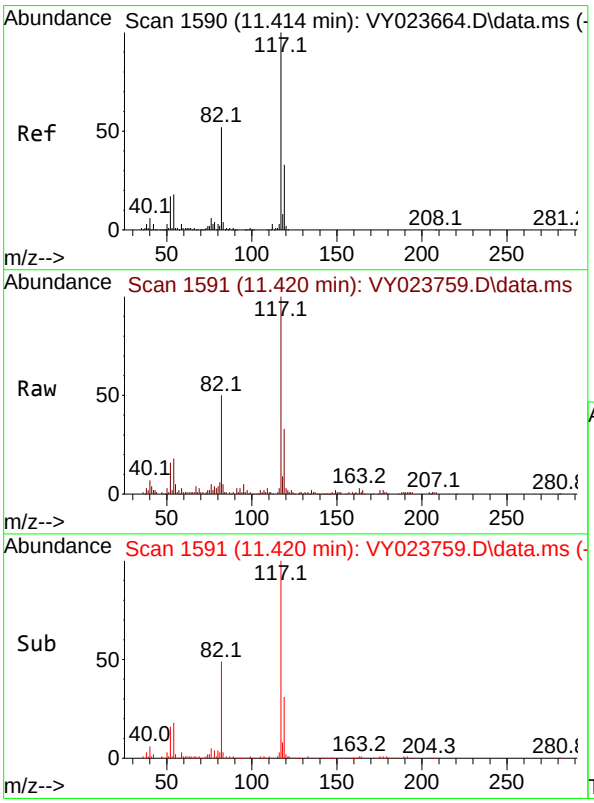
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	184.8
176	86.9	0.0	181.6



Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

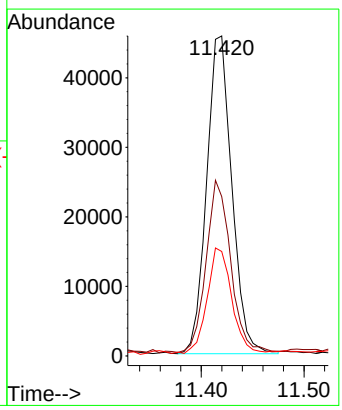
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

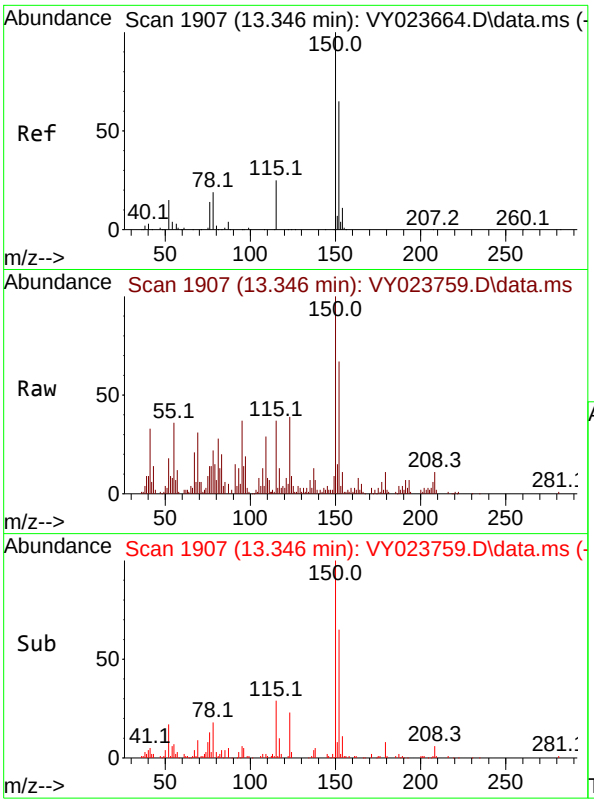


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion:117 Resp: 77890

Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.2	61.8
119	31.7	26.2	39.2

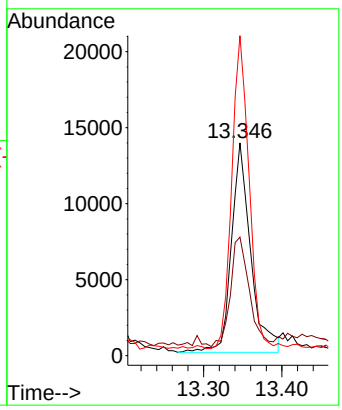




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023759.D
Acq: 12 Nov 2025 13:14

Tgt Ion:152 Resp: 2350

Ion	Ratio	Lower	Upper
152	100		
115	51.2	27.5	82.5
150	134.3	0.0	349.0



Instrument :
MSVOA_Y
ClientSampleId :
SED-1RE

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Time: Nov 12 03:49:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

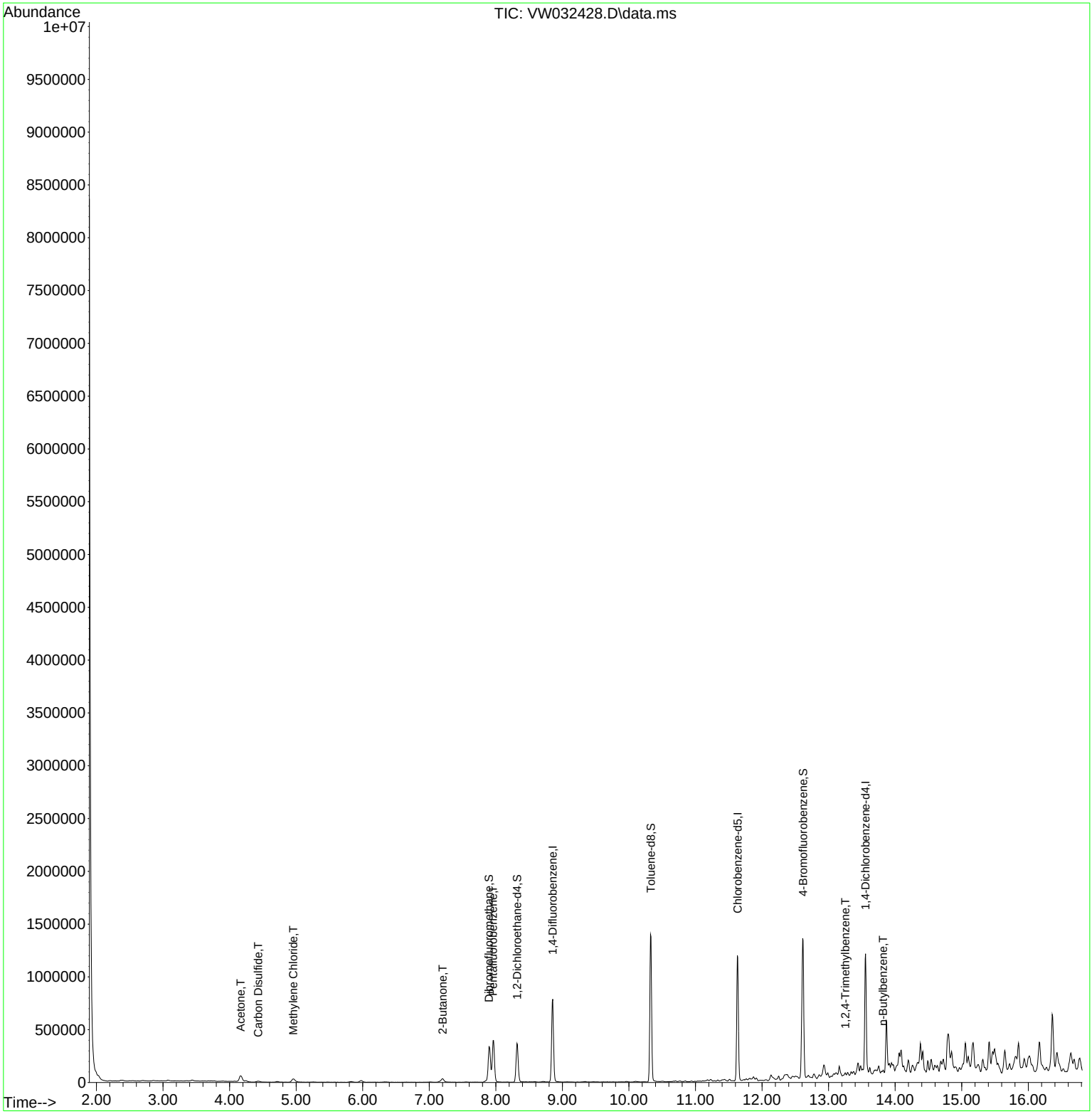
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	283259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	670411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	673114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	275351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	294458	80.632	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 161.260%#			
35) Dibromofluoromethane	7.898	113	259724	64.706	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 129.420%			
50) Toluene-d8	10.331	98	957024	62.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 124.300%#			
62) 4-Bromofluorobenzene	12.617	95	393409	67.631	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 135.260%			
Target Compounds						Qvalue
16) Acetone	4.167	43	108416	99.232	ug/l	99
17) Carbon Disulfide	4.429	76	16719	1.858	ug/l	100
20) Methylene Chloride	4.960	84	26320	6.736	ug/l	91
25) 2-Butanone	7.203	43	53672	33.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.251	105	22246	1.311	ug/l	99
89) n-Butylbenzene	13.818	91	17808	1.021	ug/l #	77

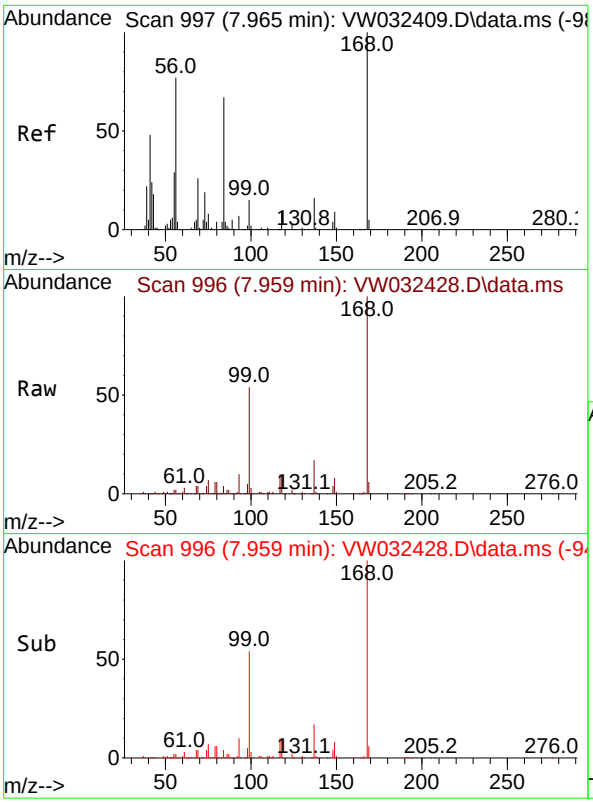
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Time: Nov 12 03:49:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



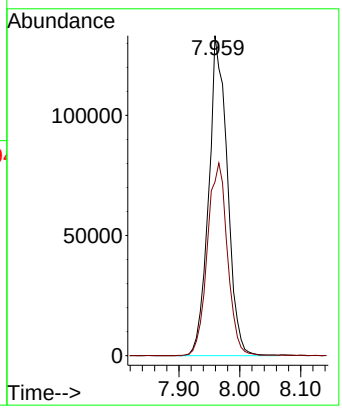


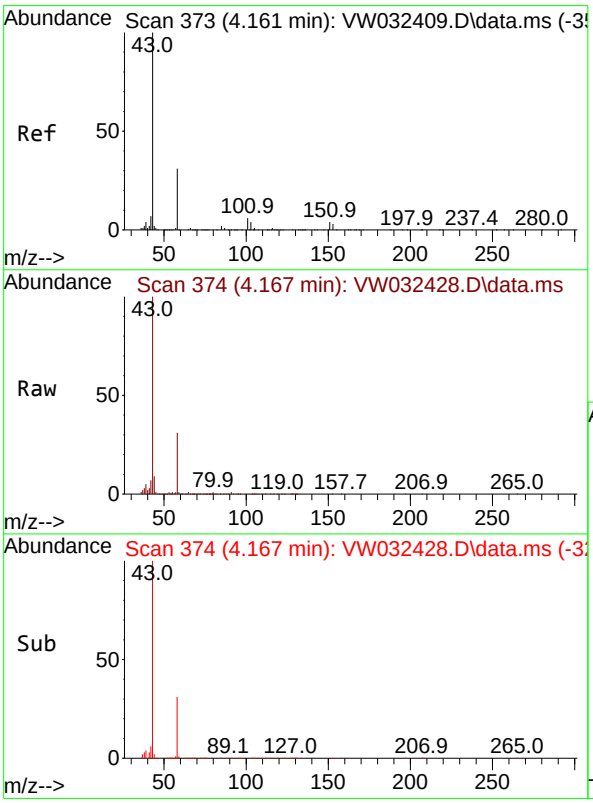
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion:168 Resp: 283259

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.4	68.2

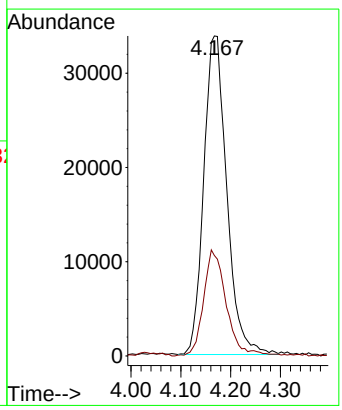


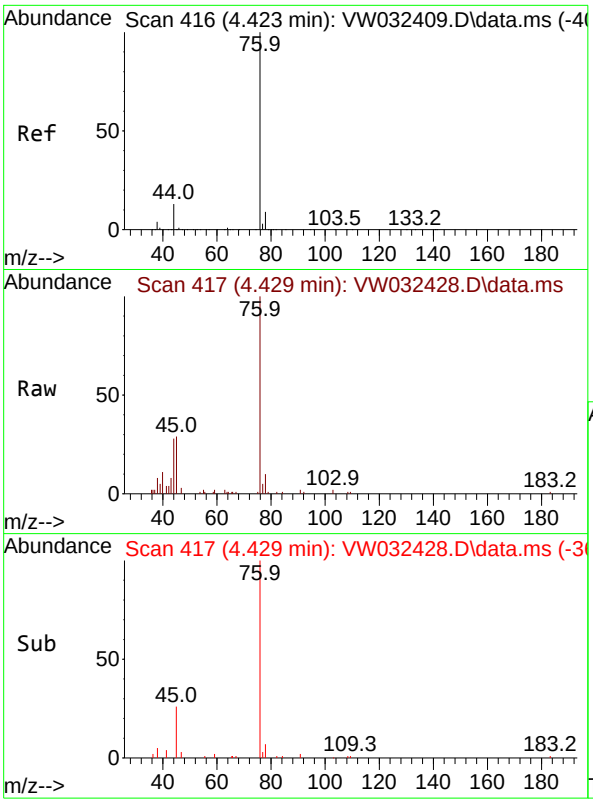


#16
Acetone
Concen: 99.232 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion: 43 Resp: 108416

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.8	37.2



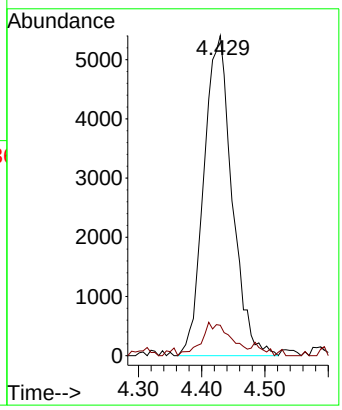


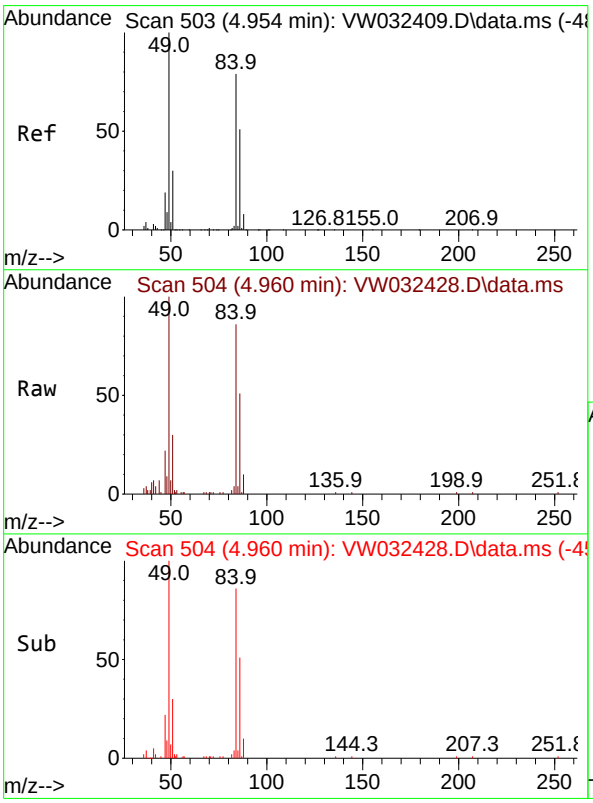
#17
Carbon Disulfide
Concen: 1.858 ug/l
RT: 4.429 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion: 76 Resp: 16719

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

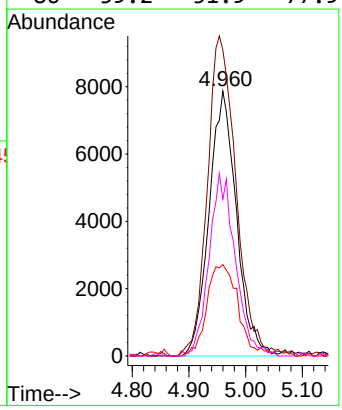


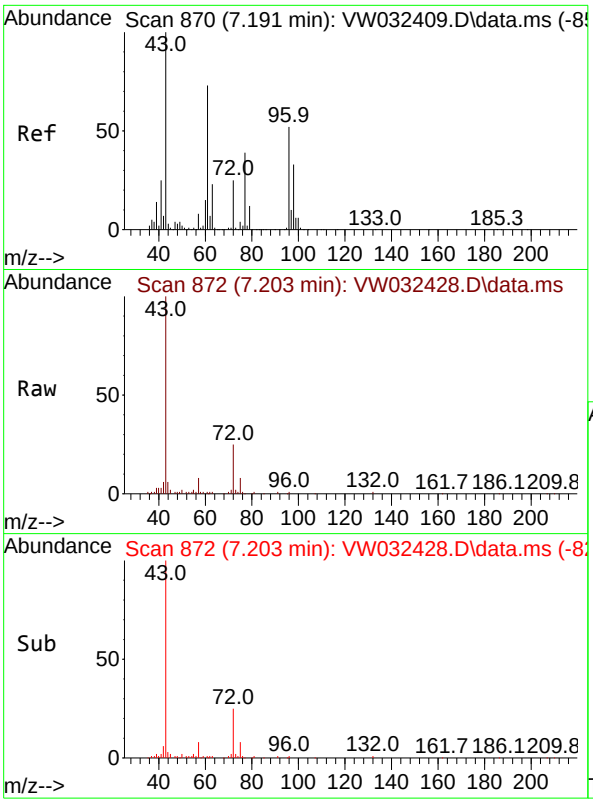


#20
Methylene Chloride
Concen: 6.736 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion: 84 Resp: 26320

Ion	Ratio	Lower	Upper
84	100		
49	115.6	101.5	152.3
51	34.5	30.6	46.0
86	59.2	51.9	77.9



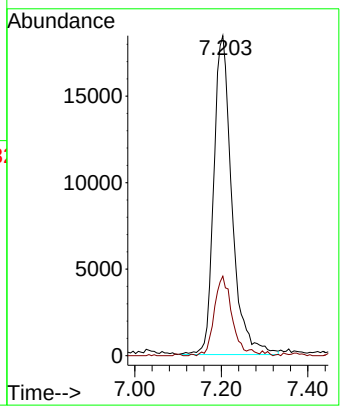


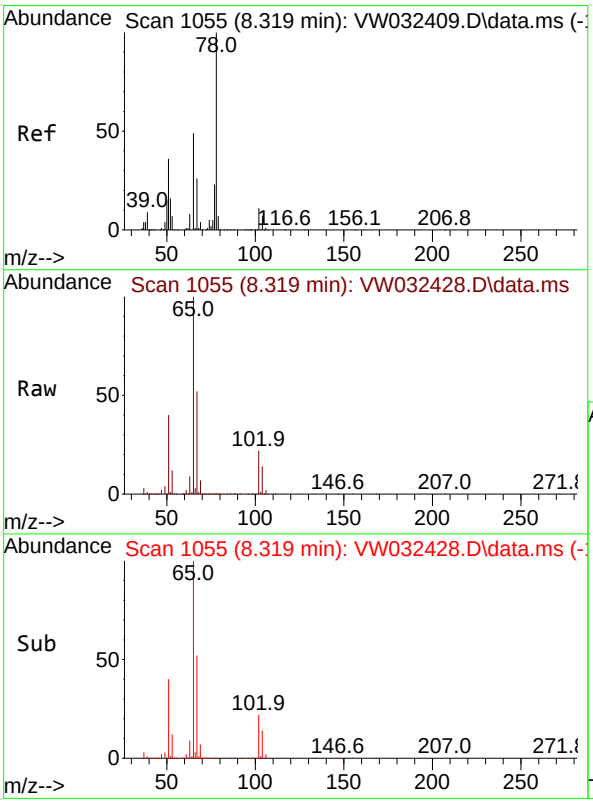
#25
2-Butanone
Concen: 33.345 ug/l
RT: 7.203 min Scan# 8
Delta R.T. 0.012 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion: 43 Resp: 53672

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.0	30.0

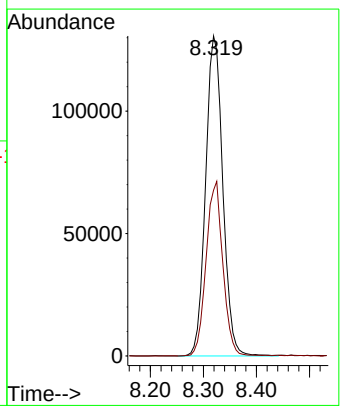


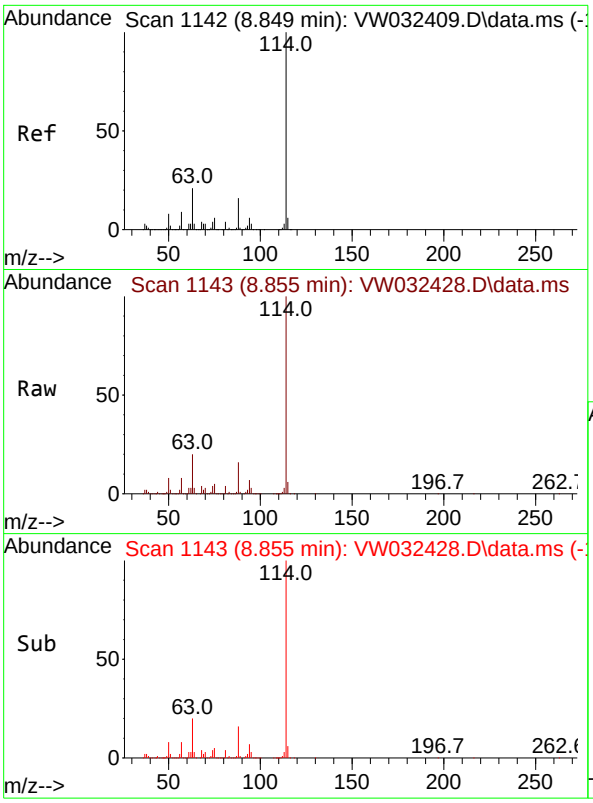


#33
1,2-Dichloroethane-d4
Concen: 80.632 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion: 65 Resp: 294458

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



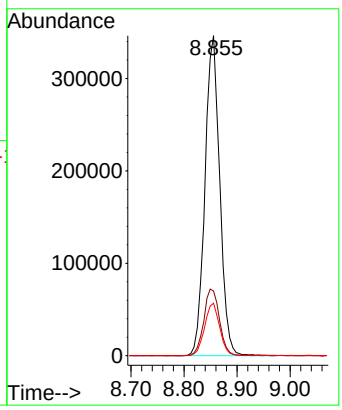


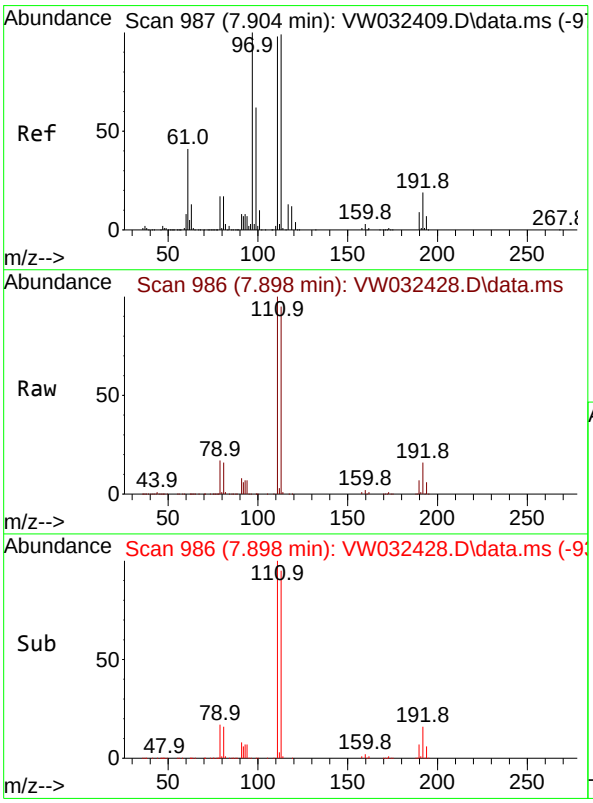
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion:114 Resp: 670411

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	16.4	0.0	32.6

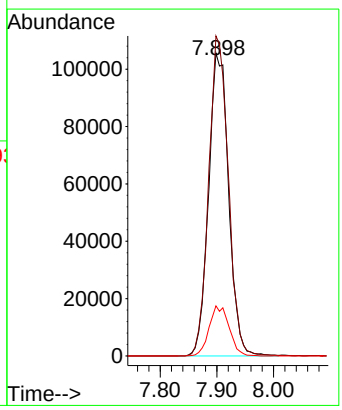


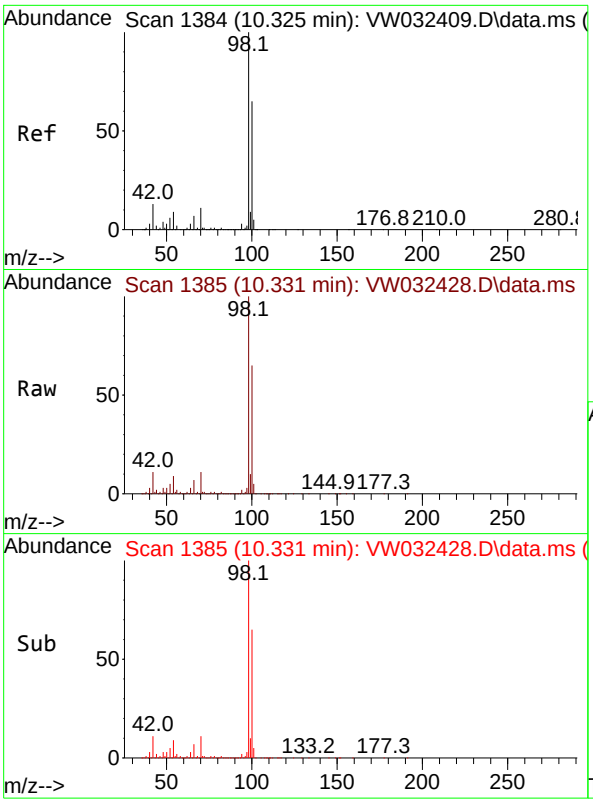


#35
Dibromofluoromethane
Concen: 64.706 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion:113 Resp: 259724

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	16.5	13.4	20.2



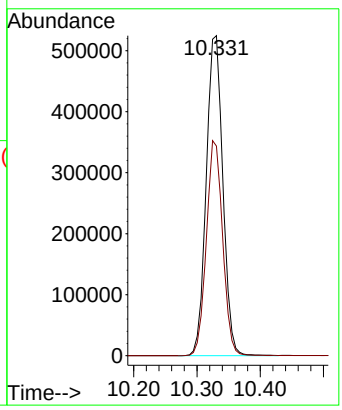


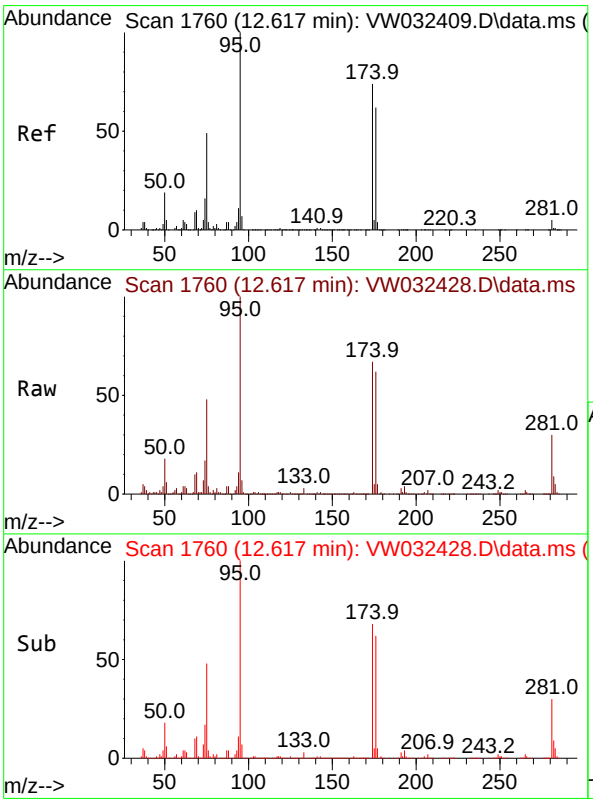
#50
Toluene-d8
Concen: 62.150 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion: 98 Resp: 957024

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

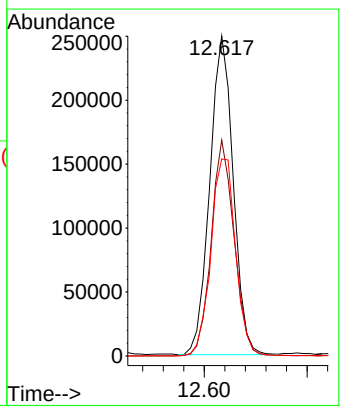


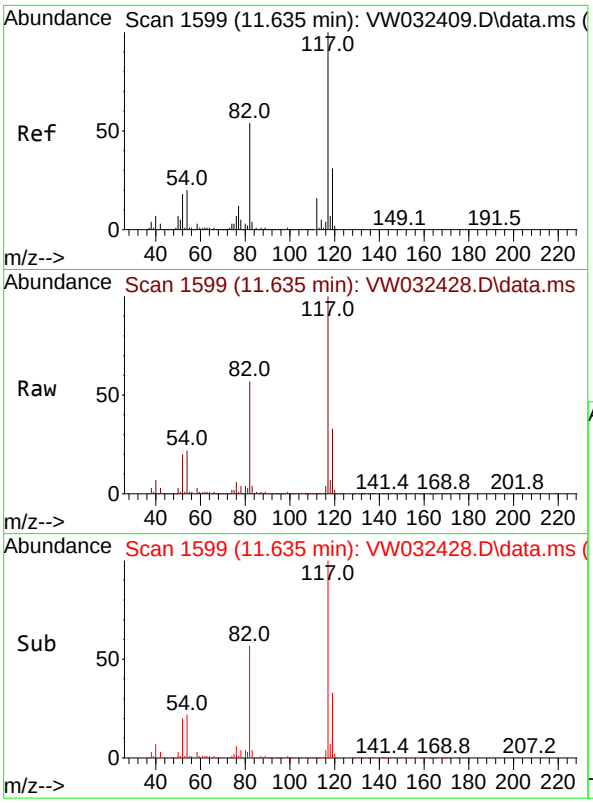


#62
4-Bromofluorobenzene
Concen: 67.631 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion: 95 Resp: 393409

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	135.4
176	65.4	0.0	131.8



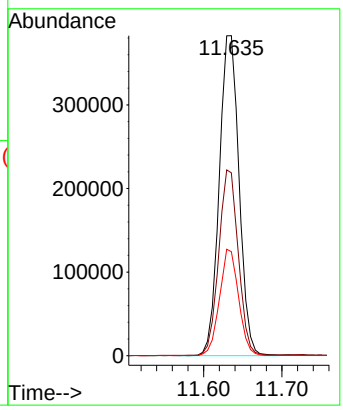


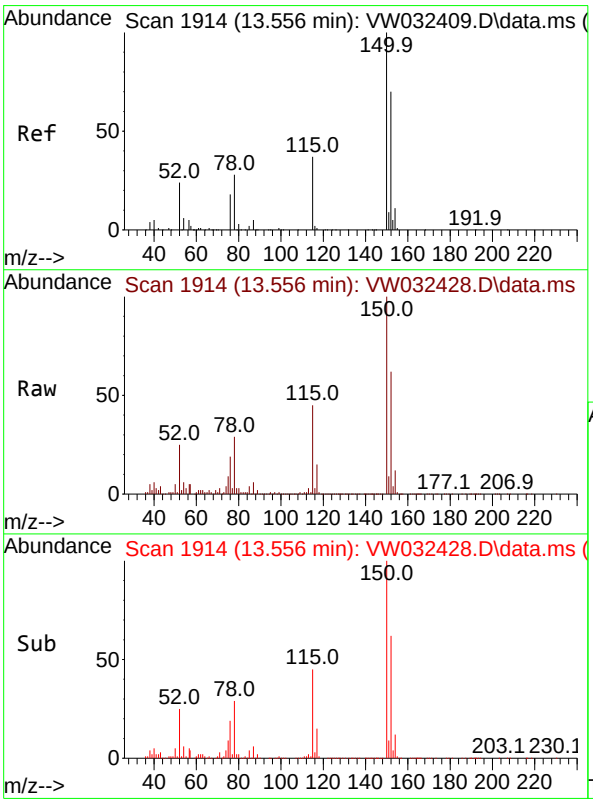
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion:117 Resp: 673114

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	32.5	25.0	37.6

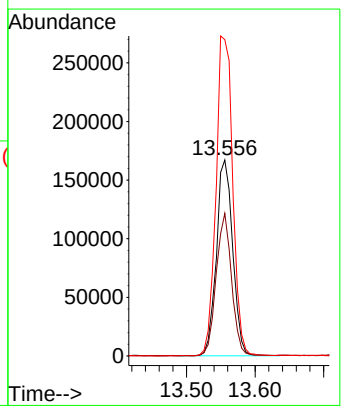


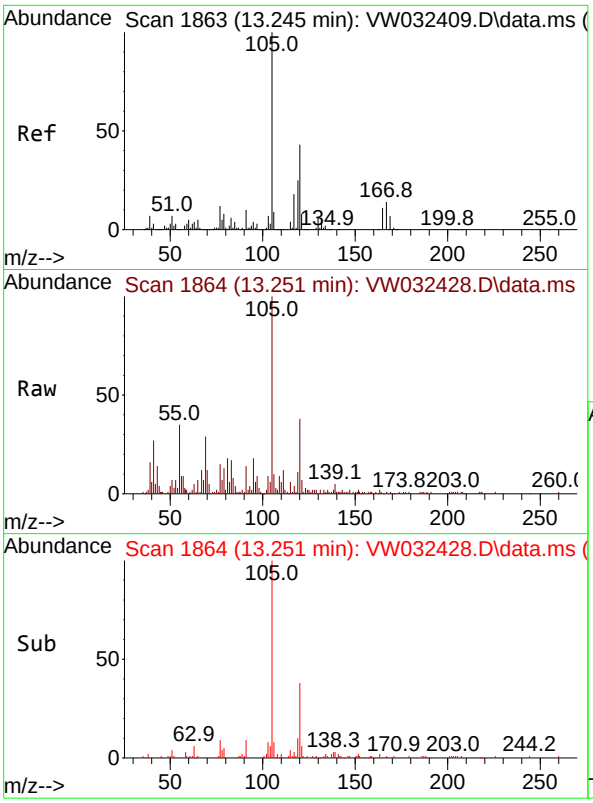


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion:152 Resp: 275351

Ion	Ratio	Lower	Upper
152	100		
115	68.3	32.8	98.3
150	167.0	0.0	356.6



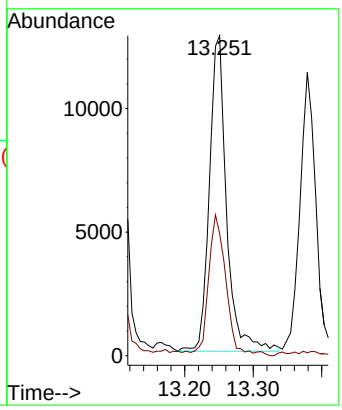


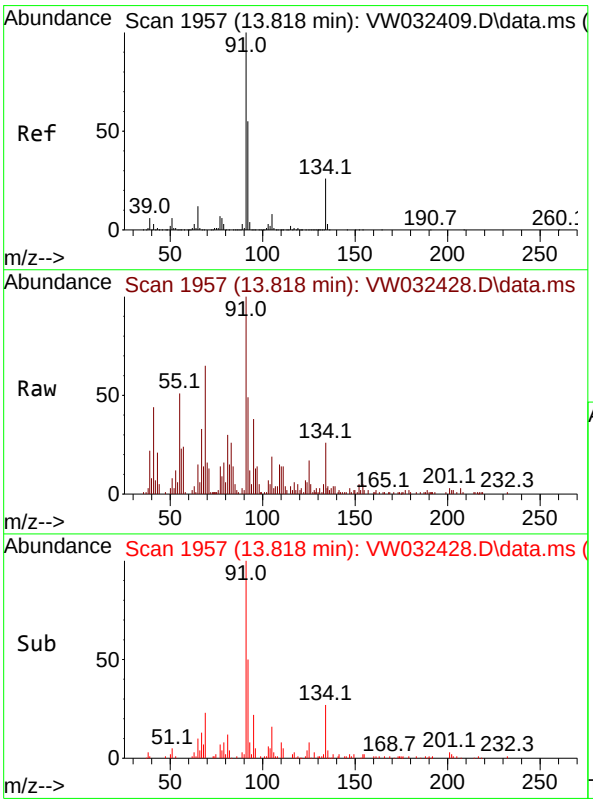
#84
1,2,4-Trimethylbenzene
Concen: 1.311 ug/l
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Tgt Ion:105 Resp: 22246

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.1	66.5

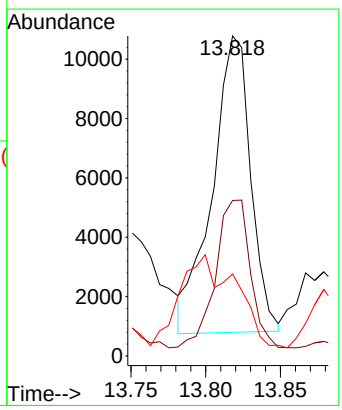




#89
n-Butylbenzene
Concen: 1.021 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032428.D
Acq: 11 Nov 2025 14:15

Tgt Ion: 91 Resp: 17808

Ion	Ratio	Lower	Upper
91	100		
92	47.4	27.4	82.2
134	0.0	12.4	37.4#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

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_W\Method\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.167	365	374	383	rBV2	51083	158723	5.98%	0.615%
2	4.960	490	504	517	rBV2	30806	115942	4.37%	0.449%
3	7.203	857	872	884	rBV2	32530	115935	4.37%	0.449%
4	7.898	970	986	992	rBV	338461	893076	33.65%	3.458%
5	7.965	992	997	1008	rVB2	392842	878767	33.12%	3.403%
6	8.319	1045	1055	1067	rBV	367359	830332	31.29%	3.215%
7	8.855	1131	1143	1161	rVB	784139	1590290	59.93%	6.158%
8	10.325	1376	1384	1401	rBV	1397165	2573641	96.98%	9.965%
9	11.629	1591	1598	1608	rBV	1189413	2079439	78.36%	8.052%
10	12.135	1674	1681	1692	rBV2	54158	174595	6.58%	0.676%
11	12.367	1709	1719	1720	rBV6	40918	121417	4.58%	0.470%
12	12.611	1751	1759	1767	rBV2	1325197	2653666	100.00%	10.275%
13	12.782	1783	1787	1794	rVB4	44777	92999	3.50%	0.360%
14	12.928	1804	1811	1818	rBV4	107716	259631	9.78%	1.005%
15	13.160	1845	1849	1856	rVB2	91306	159439	6.01%	0.617%
16	13.440	1888	1895	1899	rBV6	108028	225344	8.49%	0.873%
17	13.556	1908	1914	1921	rVV	1120700	1833342	69.09%	7.099%
18	13.617	1921	1924	1930	rVB3	60282	86640	3.26%	0.335%
19	13.751	1943	1946	1951	rVB	65782	99777	3.76%	0.386%
20	13.867	1960	1965	1970	rBV2	488488	807808	30.44%	3.128%
21	14.062	1986	1997	1999	rBV3	169002	393531	14.83%	1.524%
22	14.086	1999	2001	2006	rVB	162259	237682	8.96%	0.920%
23	14.196	2014	2019	2025	rVB5	116181	217935	8.21%	0.844%
24	14.263	2025	2030	2035	rBV5	67557	148277	5.59%	0.574%
25	14.342	2036	2043	2044	rVV6	85012	185136	6.98%	0.717%
26	14.379	2045	2049	2052	rVV2	261875	450736	16.99%	1.745%
27	14.415	2052	2055	2063	rVB2	194459	314603	11.86%	1.218%
28	14.489	2063	2067	2071	rBV3	107444	161052	6.07%	0.624%
29	14.543	2071	2076	2081	rVV5	99694	178102	6.71%	0.690%
30	14.690	2095	2100	2102	rBV2	94459	166726	6.28%	0.646%
31	14.726	2103	2106	2111	rVB4	95970	145250	5.47%	0.562%
32	14.793	2111	2117	2123	rBV4	335470	901747	33.98%	3.492%
33	15.056	2155	2160	2164	rBV2	197226	327847	12.35%	1.269%
34	15.098	2164	2167	2172	rVB2	94753	137958	5.20%	0.534%
35	15.171	2172	2179	2186	rVB4	239373	546767	20.60%	2.117%
36	15.318	2198	2203	2207	rBV3	114549	219476	8.27%	0.850%

Sample Results: **VW032428.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

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_W\Method\82W111025S.M
Title : SW846 8260

37	15.415	2213	2219	2223	rBV	259177	485956	18.31%	1.882%
38	15.464	2223	2227	2229	rBV4	110331	174192	6.56%	0.674%
39	15.647	2250	2257	2263	rBV2	213570	492618	18.56%	1.907%
40	15.805	2276	2283	2287	rBV4	108168	294698	11.11%	1.141%
41	15.854	2287	2291	2298	rVB2	235188	414279	15.61%	1.604%
42	15.940	2301	2305	2310	rBV5	82117	135409	5.10%	0.524%
43	16.013	2311	2317	2323	rBV4	101328	275862	10.40%	1.068%
44	16.165	2335	2342	2356	rVB2	262658	670468	25.27%	2.596%
45	16.360	2365	2374	2381	rBV2	530815	1204154	45.38%	4.662%
46	16.433	2381	2386	2397	rVB3	175360	489977	18.46%	1.897%
47	16.641	2411	2420	2425	rBV6	175933	511028	19.26%	1.979%
48	16.775	2436	2442	2444	rBV3	99201	194150	7.32%	0.752%

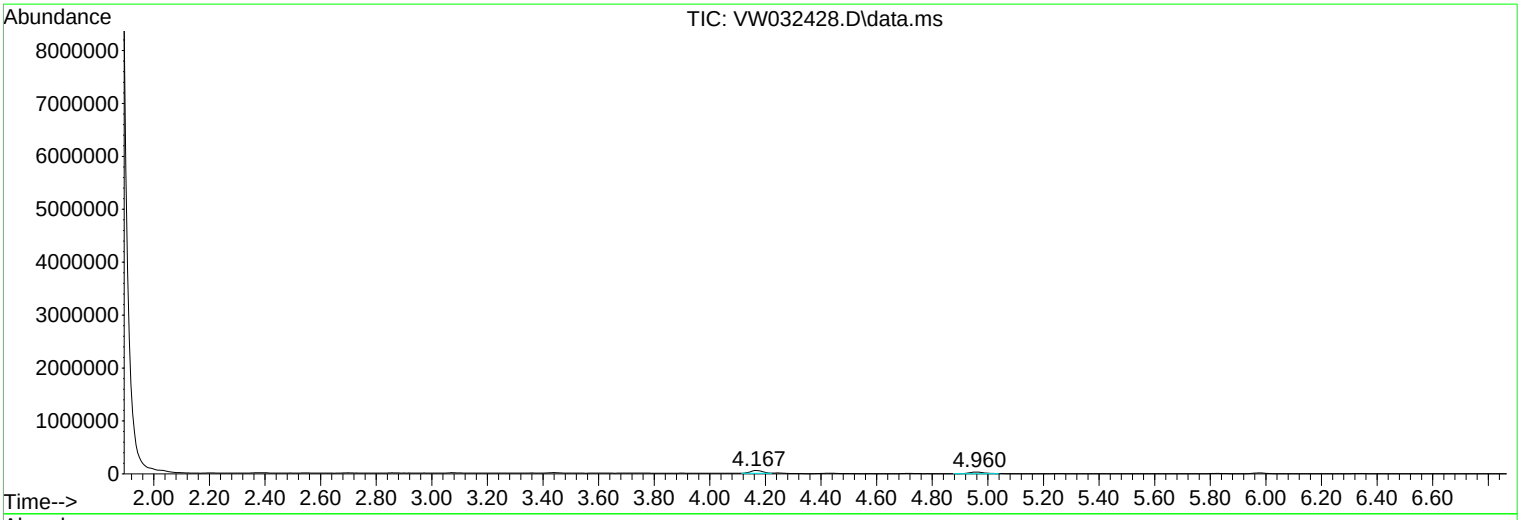
Sum of corrected areas: 25826419

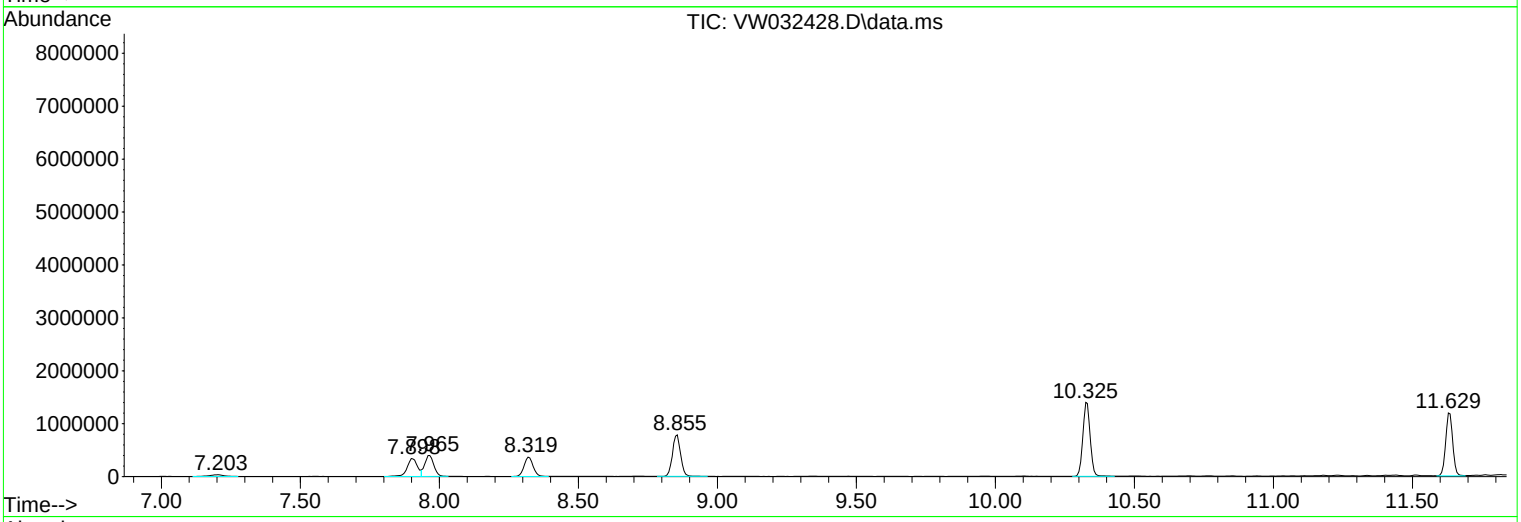
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

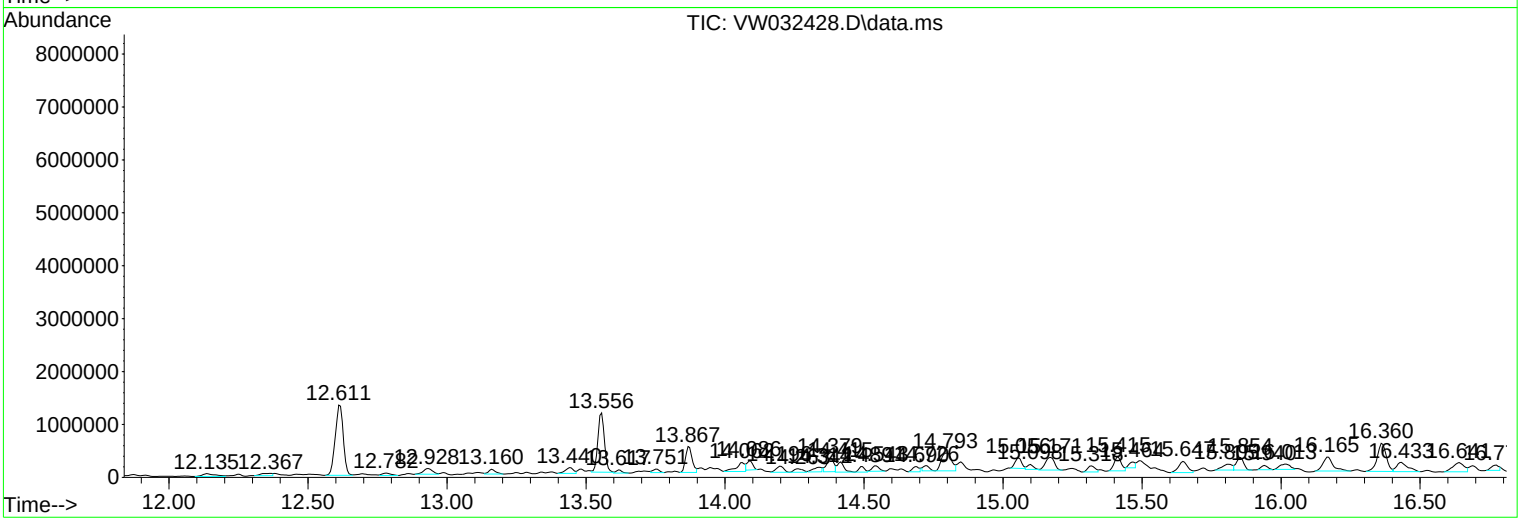
Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

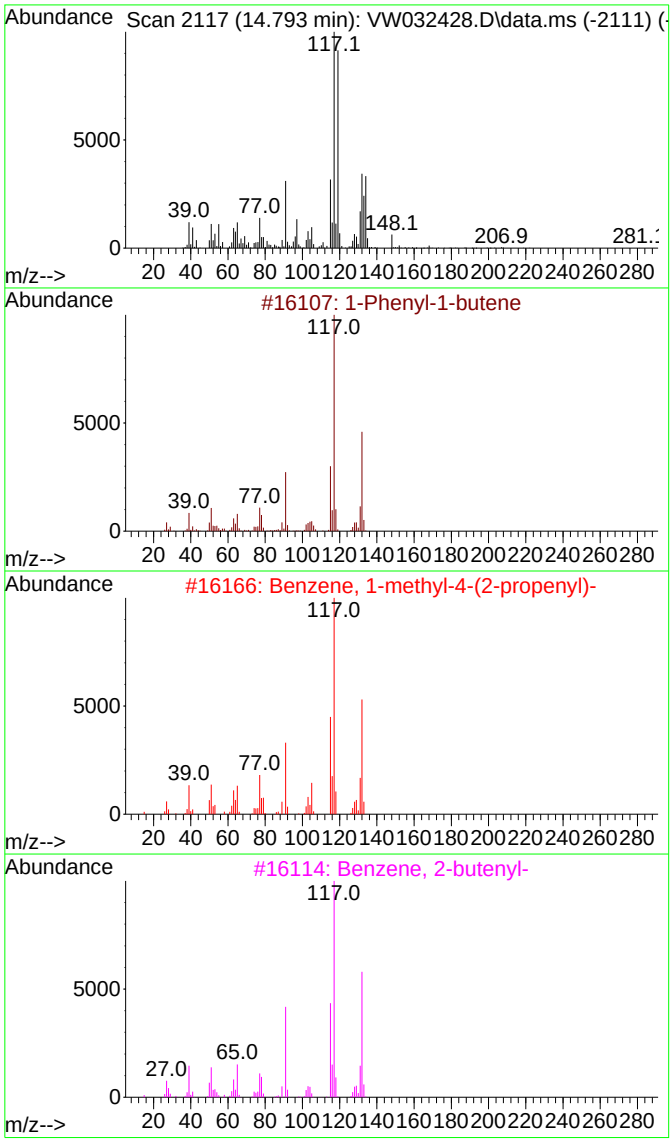
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

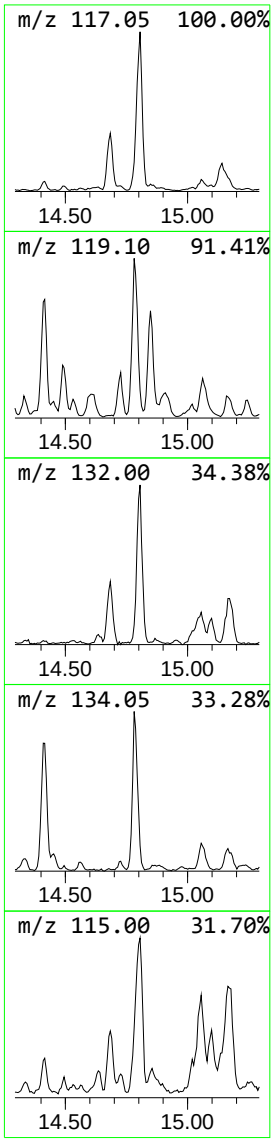
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	24.59 ug/l	901747	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

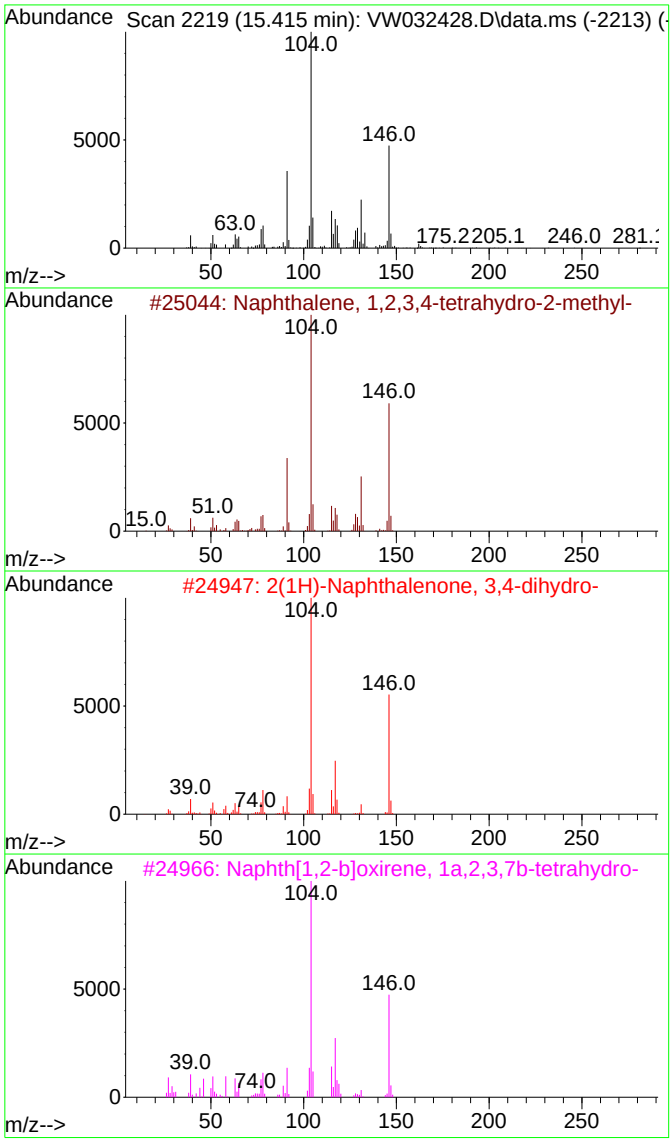
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

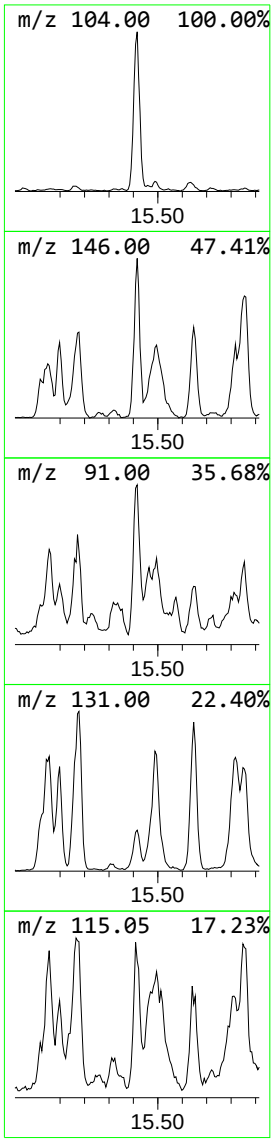
****

Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	13.25 ug/l	485956	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	43
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

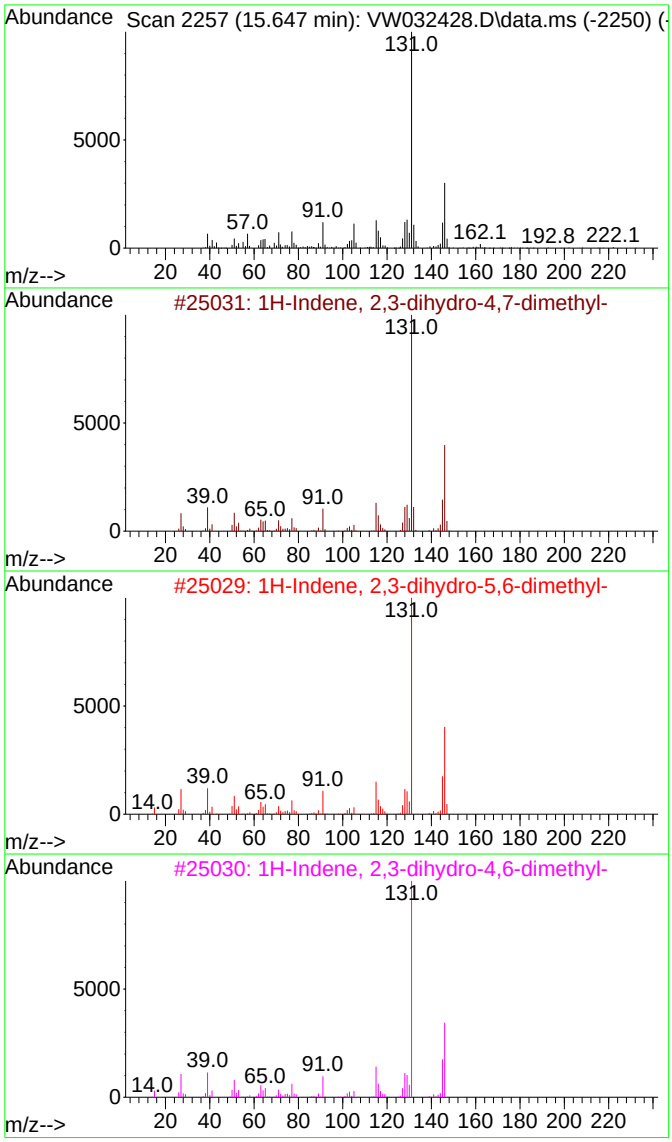
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

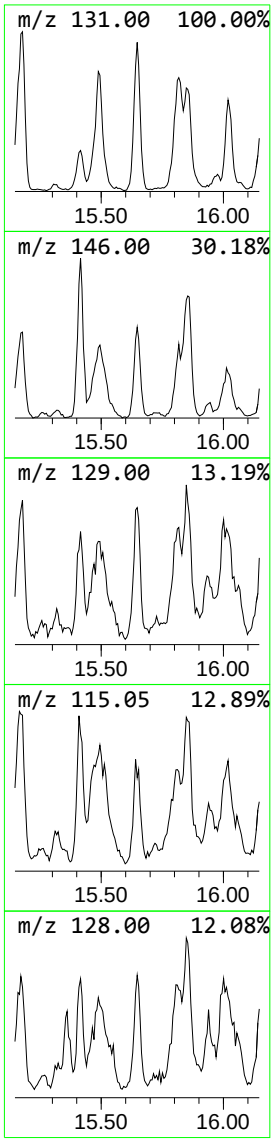
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	13.44 ug/l	492618	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

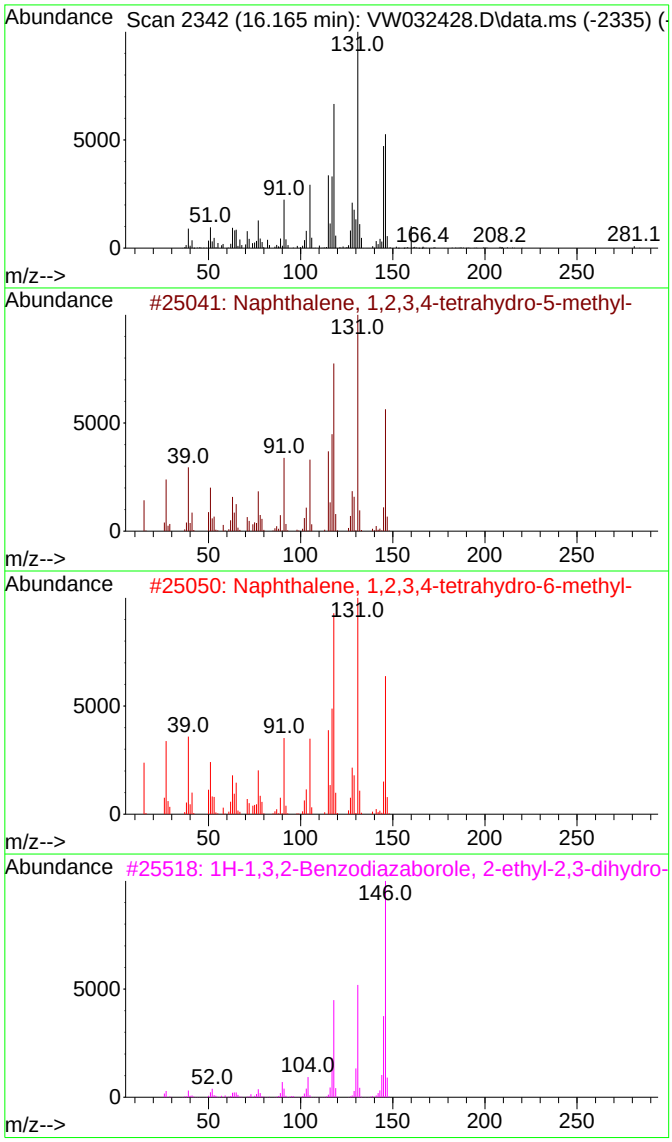
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

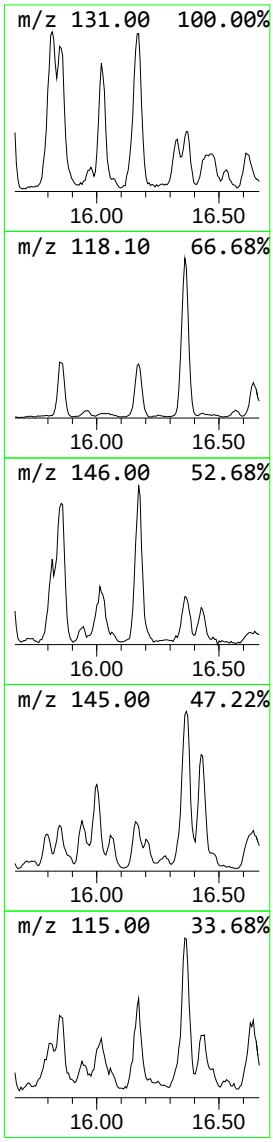
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	18.29 ug/l	670468	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

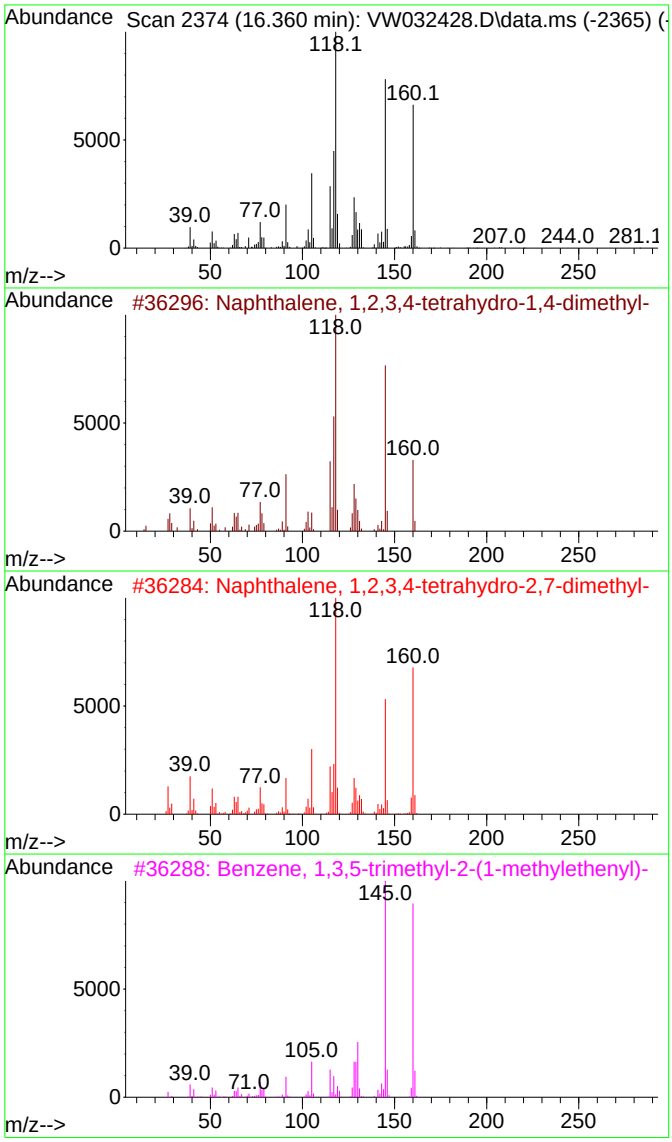
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

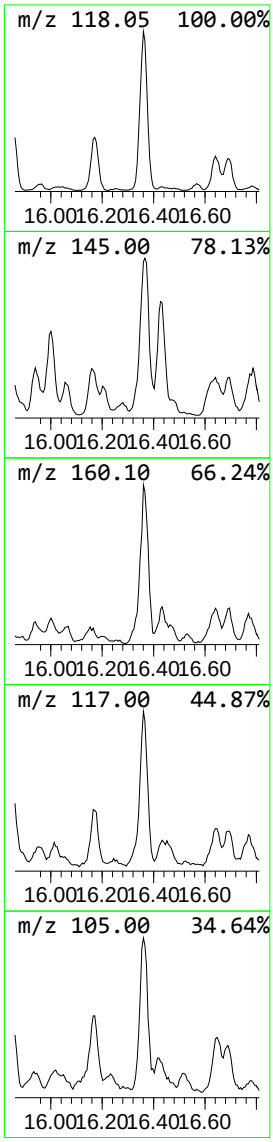
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	32.84 ug/l	1204150	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

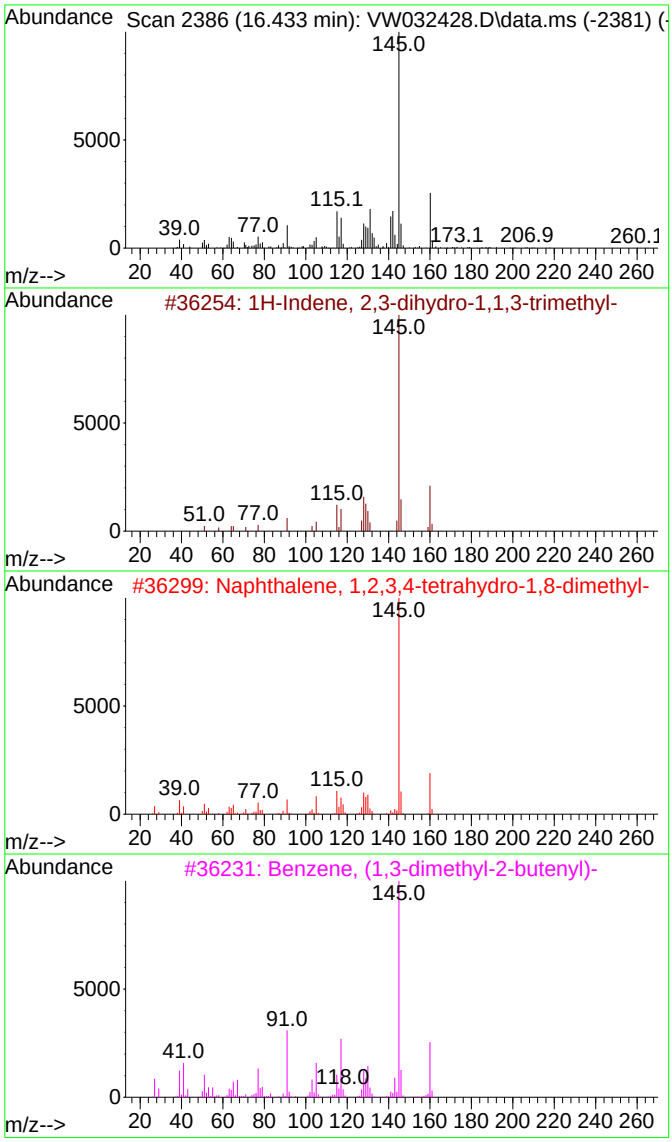
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

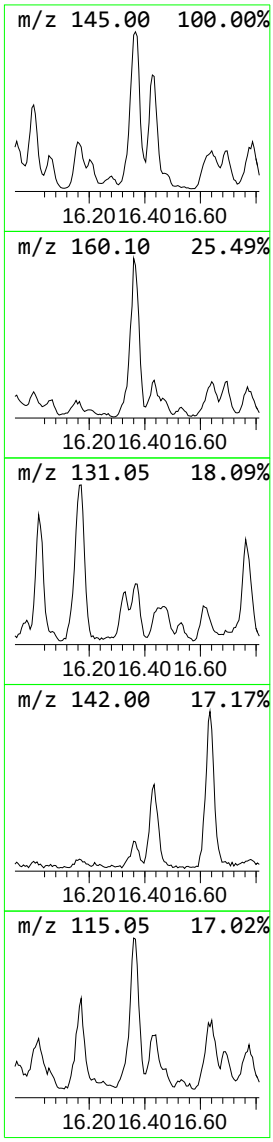
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	13.36 ug/l	489977	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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
1-Phenyl-1-butene	14.793	24.6	ug/l	901747	4	13.556	1833340	50.0
Naphthalene, 1,...	15.415	13.3	ug/l	485956	4	13.556	1833340	50.0
1H-Indene, 2,3-...	15.647	13.4	ug/l	492618	4	13.556	1833340	50.0
Naphthalene, 1,...	16.165	18.3	ug/l	670468	4	13.556	1833340	50.0
Naphthalene, 1,...	16.360	32.8	ug/l	1204150	4	13.556	1833340	50.0
1H-Indene, 2,3-...	16.433	13.4	ug/l	489977	4	13.556	1833340	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023760.D
Acq On : 12 Nov 2025 13:38
Operator : SY/MD
Sample : Q3586-02RE
Misc : 8.48g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Quant Time: Nov 14 03:38:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

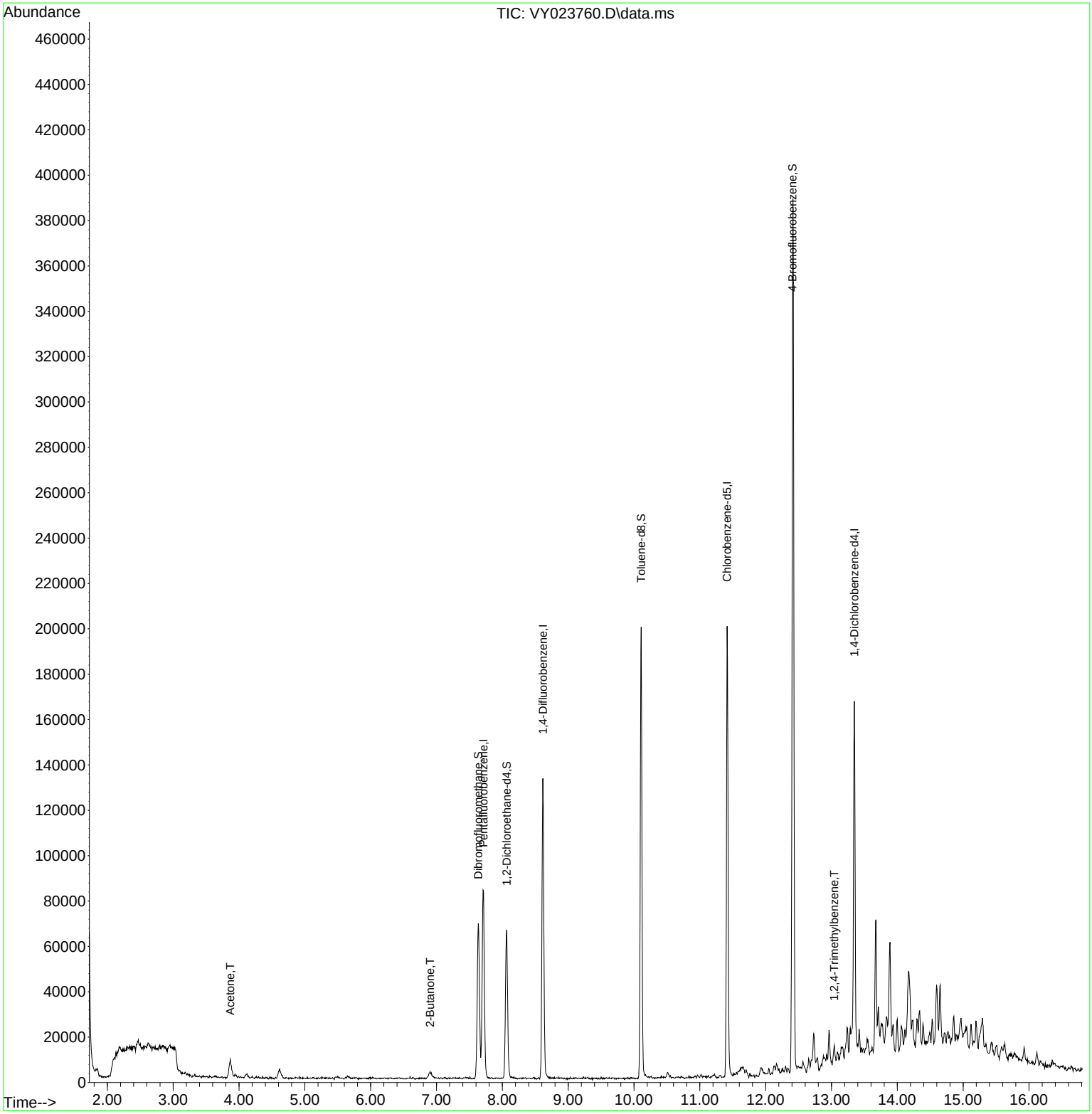
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	69400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	117751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	41947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52364	88.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 176.900%#			
35) Dibromofluoromethane	7.634	113	48847	66.380	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.760%			
50) Toluene-d8	10.109	98	134169	48.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.408	95	41670	47.007	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.020%			
Target Compounds						Qvalue
16) Acetone	3.866	43	12535	85.185	ug/l	98
25) 2-Butanone	6.902	43	4155	24.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	4652	2.061	ug/l	94

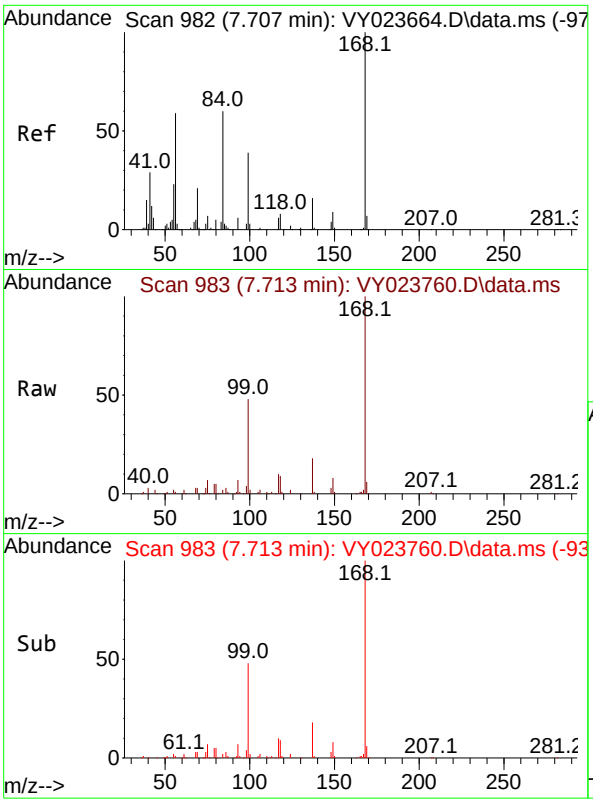
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023760.D
Acq On : 12 Nov 2025 13:38
Operator : SY/MD
Sample : Q3586-02RE
Misc : 8.48g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Quant Time: Nov 14 03:38:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



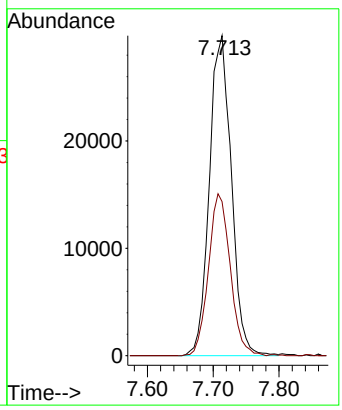


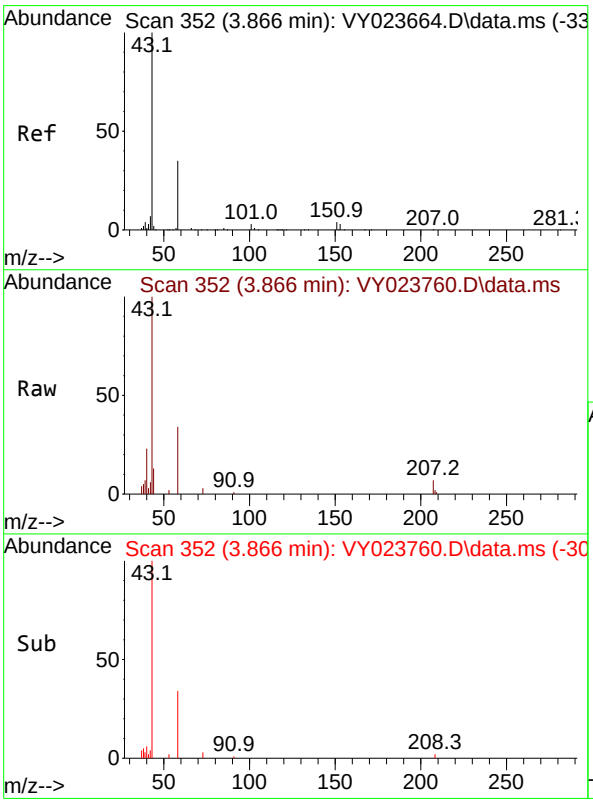
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion:168 Resp: 69400

Ion	Ratio	Lower	Upper
168	100		
99	48.1	41.0	61.4

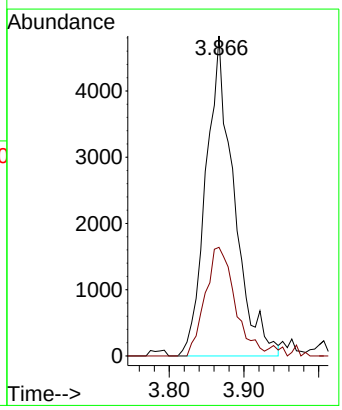


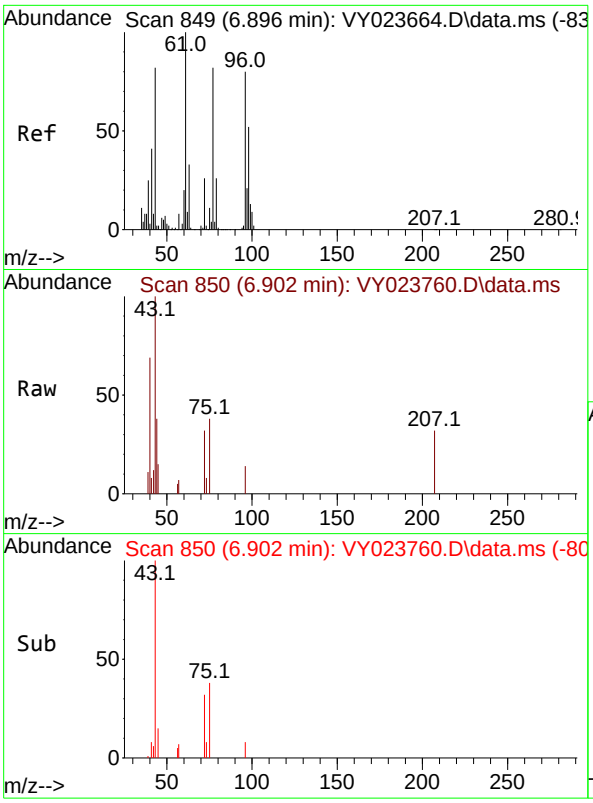


#16
Acetone
Concen: 85.185 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Tgt Ion: 43 Resp: 12535

Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.2	42.4



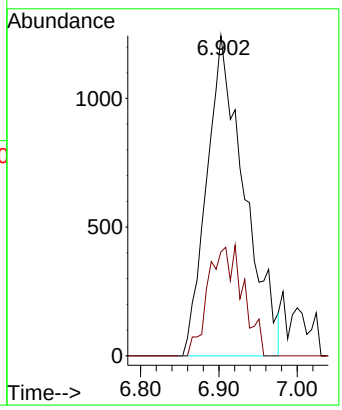


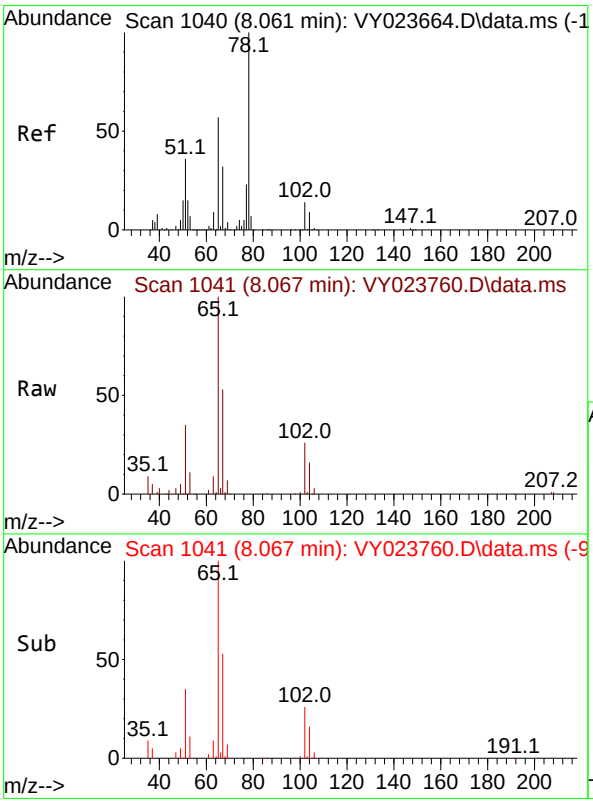
#25
2-Butanone
Concen: 24.422 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion: 43 Resp: 4155

Ion	Ratio	Lower	Upper
43	100		
72	32.5	25.7	38.5

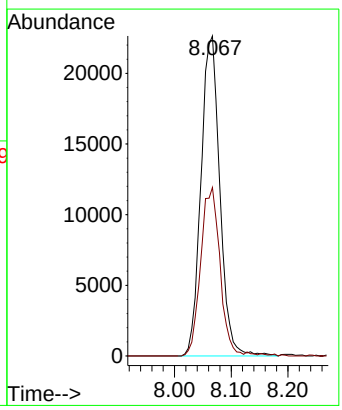


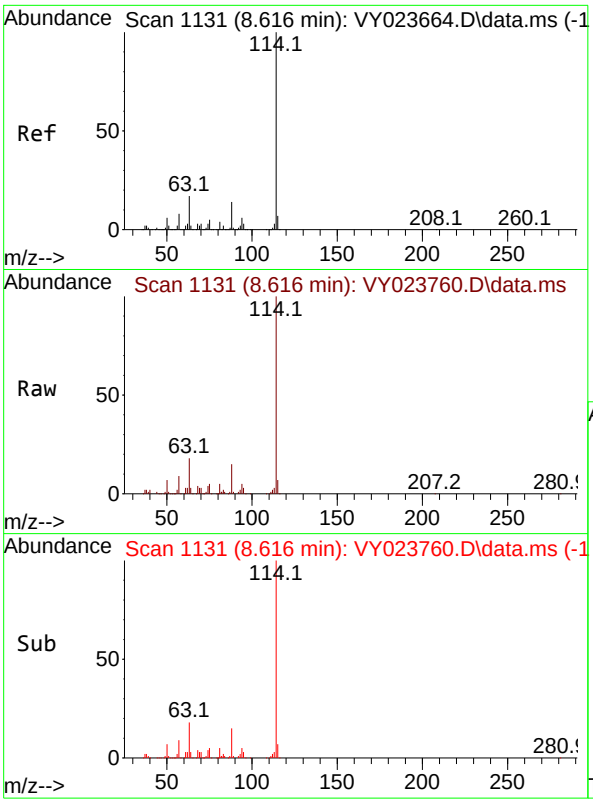


#33
1,2-Dichloroethane-d4
Concen: 88.454 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Tgt Ion: 65 Resp: 52364

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.4



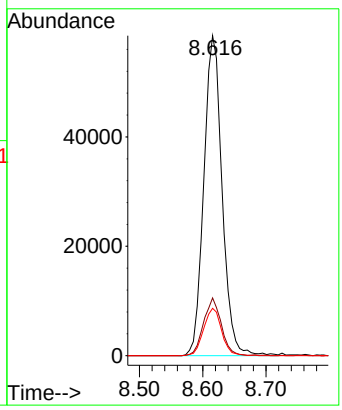


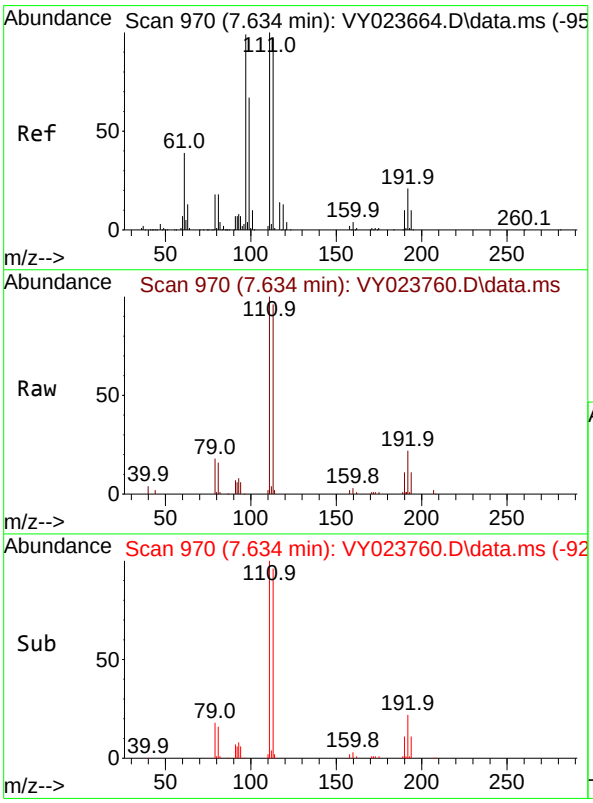
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion:114 Resp: 117751

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	33.8
88	14.8	0.0	29.0

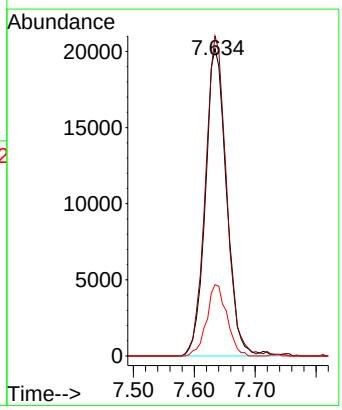


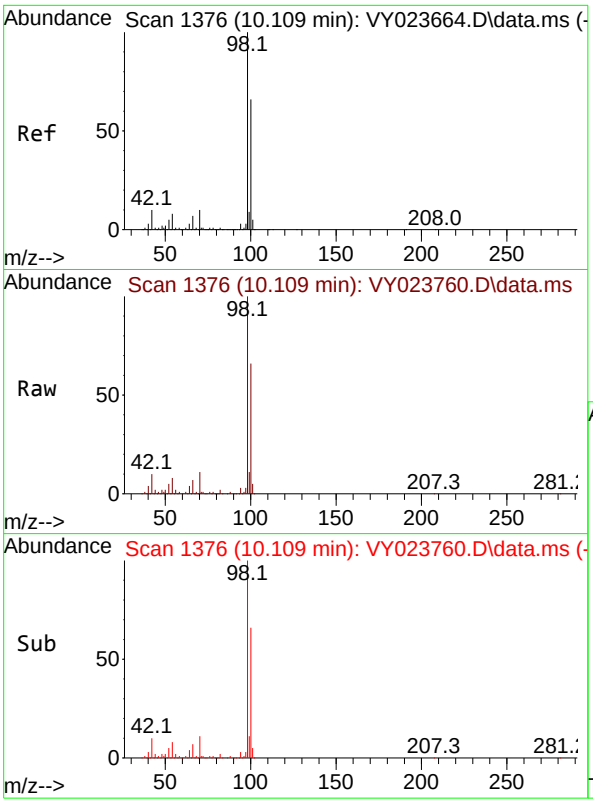


#35
Dibromofluoromethane
Concen: 66.380 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Tgt Ion:113 Resp: 48847

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	22.1	17.3	25.9



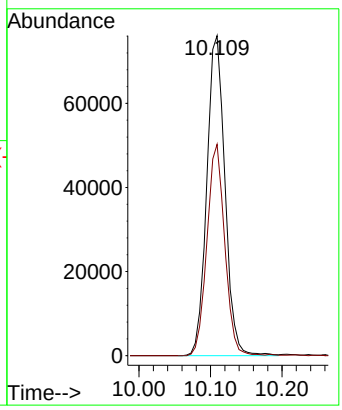


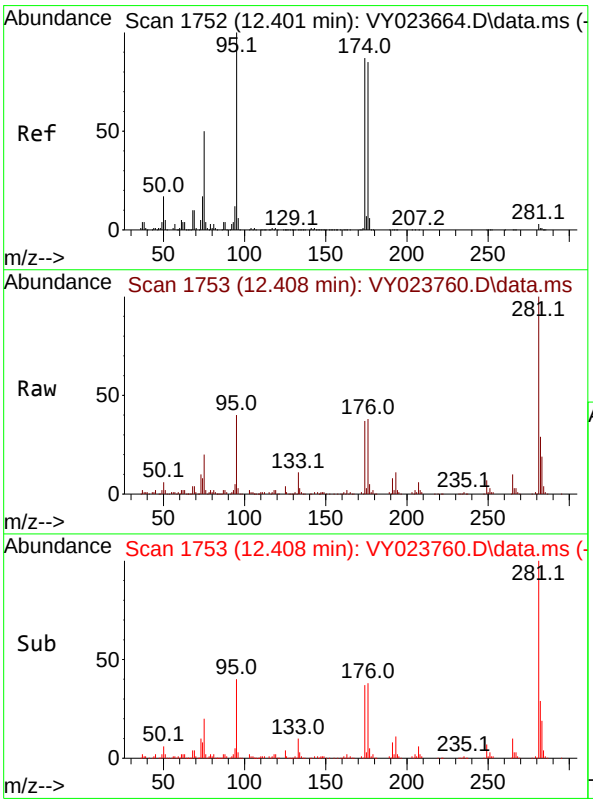
#50
Toluene-d8
Concen: 48.946 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion: 98 Resp: 134169

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.7	79.1

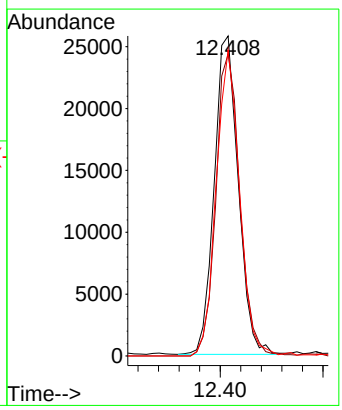


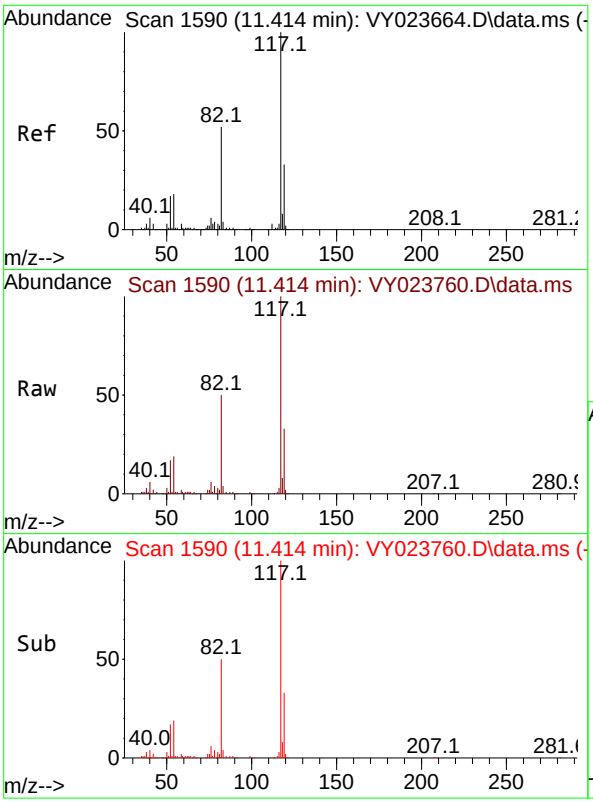


#62
4-Bromofluorobenzene
Concen: 47.007 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Tgt Ion: 95 Resp: 41670

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	184.8
176	93.7	0.0	181.6



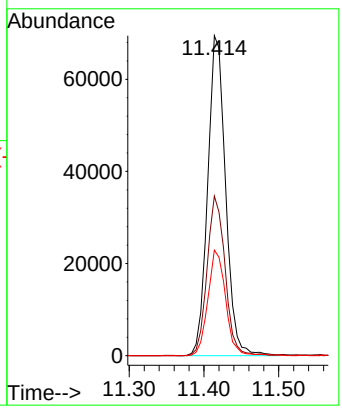


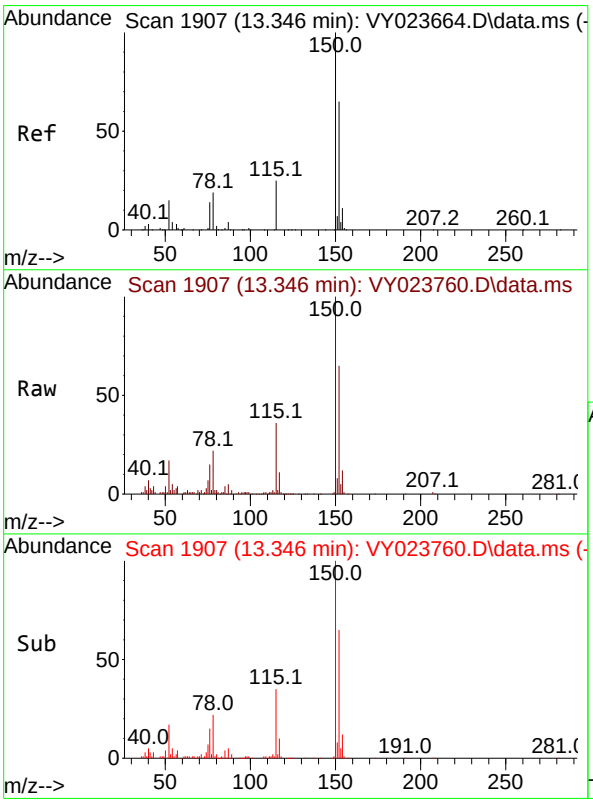
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion:117 Resp: 115570

Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.2	61.8
119	33.0	26.2	39.2

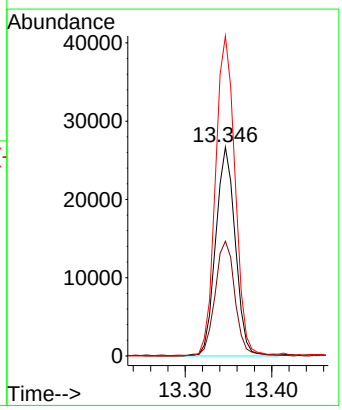


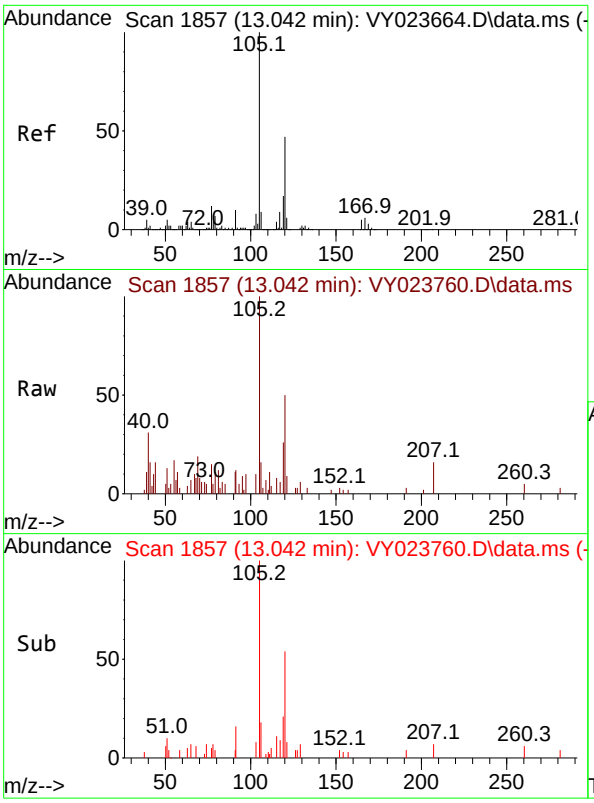


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Tgt Ion:152 Resp: 41947

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.5	82.5
150	153.6	0.0	349.0



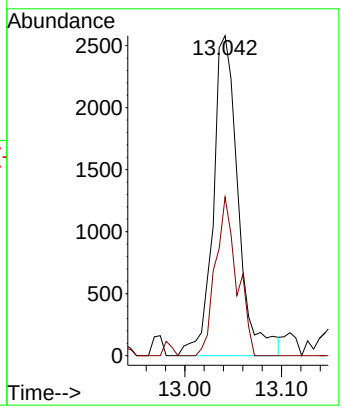


#84
1,2,4-Trimethylbenzene
Concen: 2.061 ug/l
RT: 13.042 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023760.D
Acq: 12 Nov 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
SED-2RE

Tgt Ion:105 Resp: 4652

Ion	Ratio	Lower	Upper
105	100		
120	42.6	23.2	69.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Quant Time: Nov 14 03:38:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

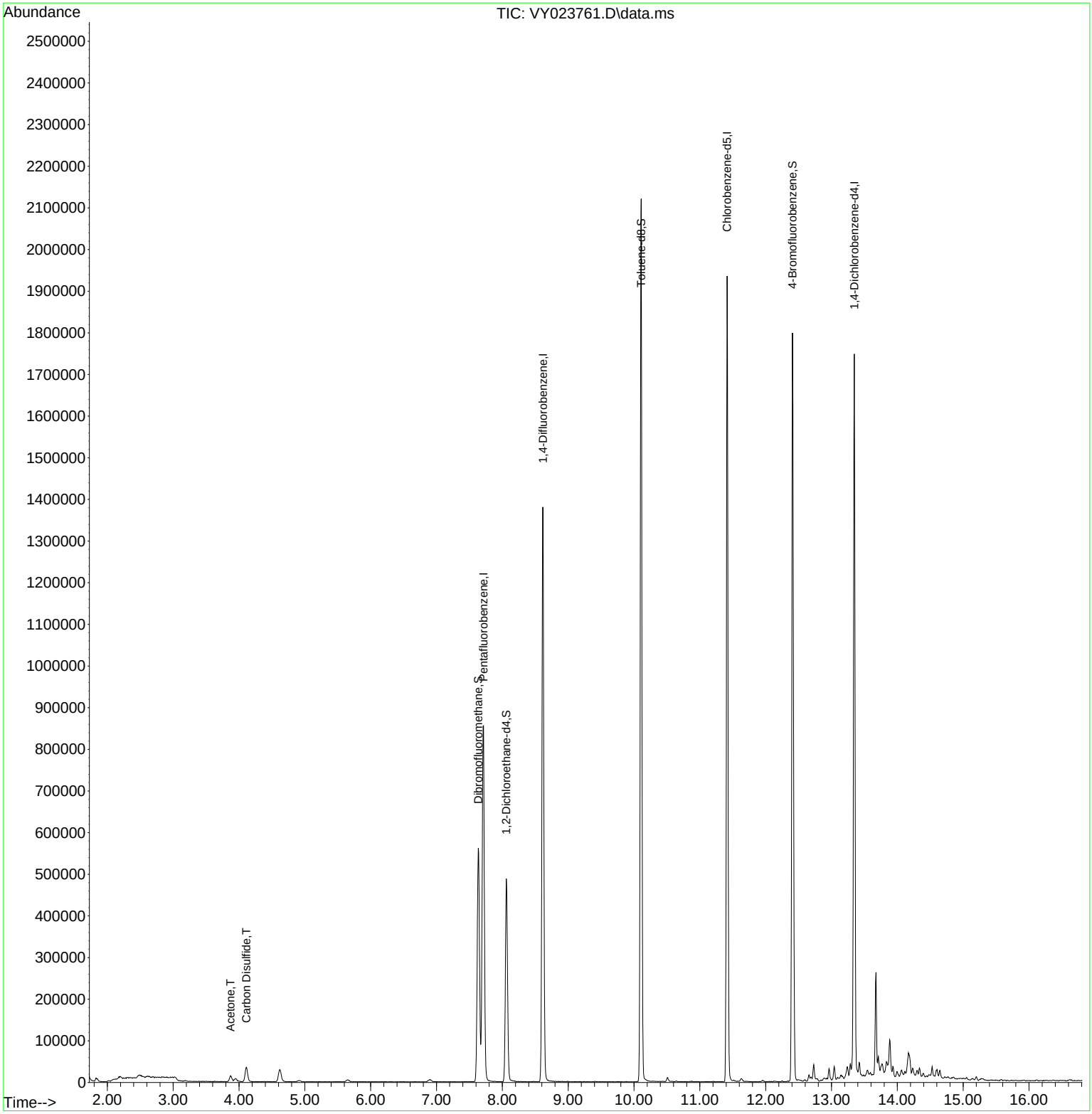
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	715841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1241972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1078013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	465632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	379494	62.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.300%			
35) Dibromofluoromethane	7.634	113	407574	52.512	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.020%			
50) Toluene-d8	10.109	98	1406469	48.646	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.408	95	430192	46.010	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.020%			
Target Compounds						Qvalue
16) Acetone	3.873	43	23954	15.782	ug/l	93
17) Carbon Disulfide	4.110	76	71109	3.622	ug/l	98

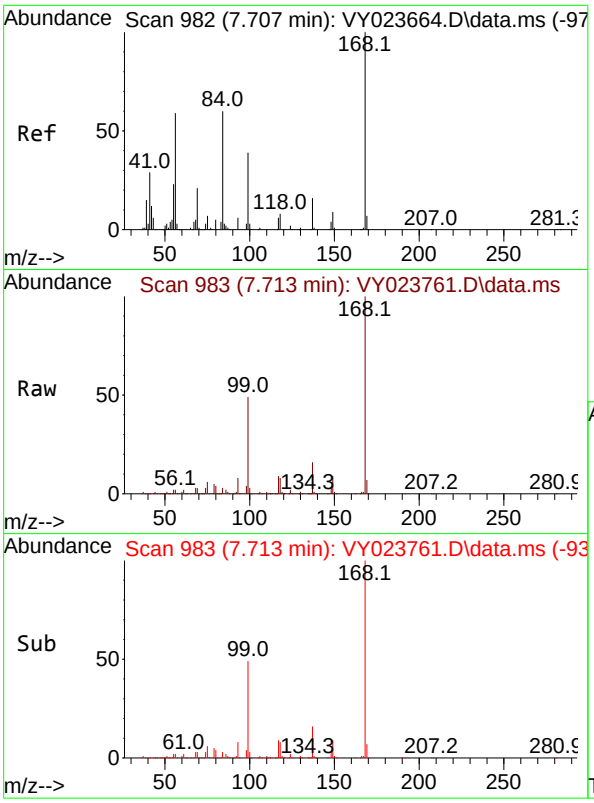
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Quant Time: Nov 14 03:38:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



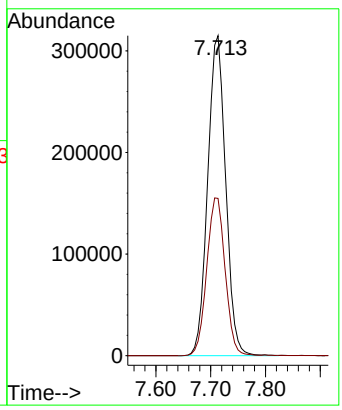


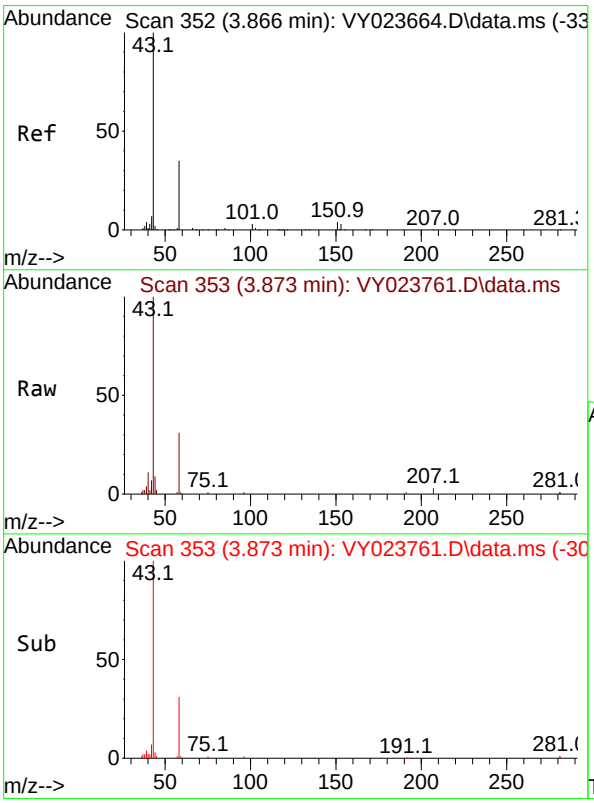
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Tgt Ion:168 Resp: 715841

Ion	Ratio	Lower	Upper
168	100		
99	49.1	41.0	61.4

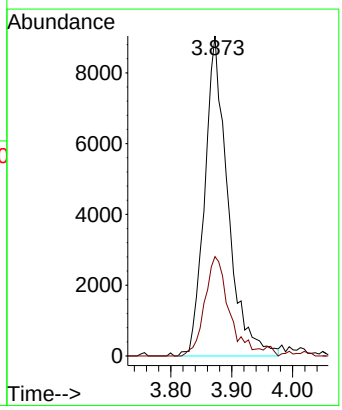




#16
Acetone
Concen: 15.782 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

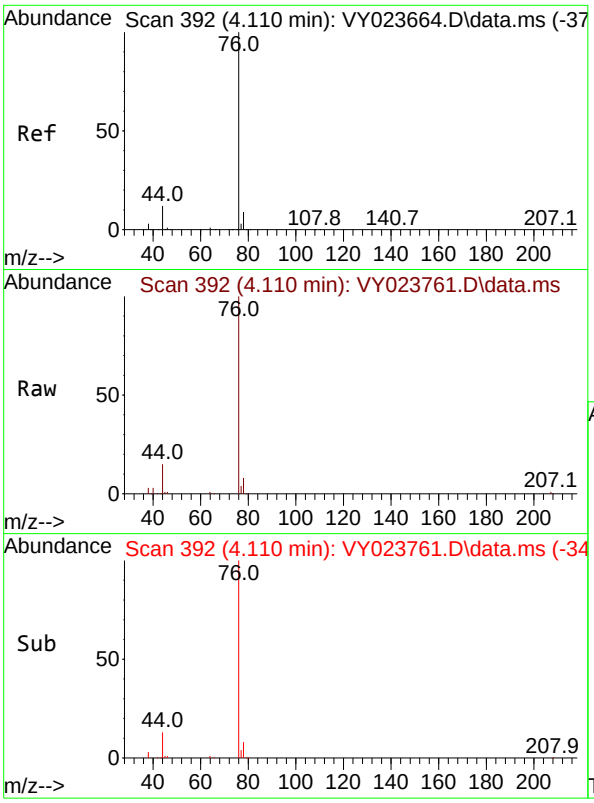
Tgt Ion: 43 Resp: 23954

Ion	Ratio	Lower	Upper
43	100		
58	31.1	28.2	42.4



5

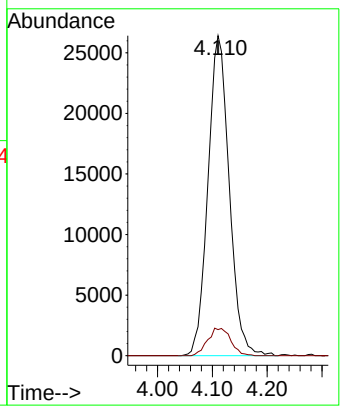
Instrument :
MSVOA_Y
ClientSampleId :
SED-3

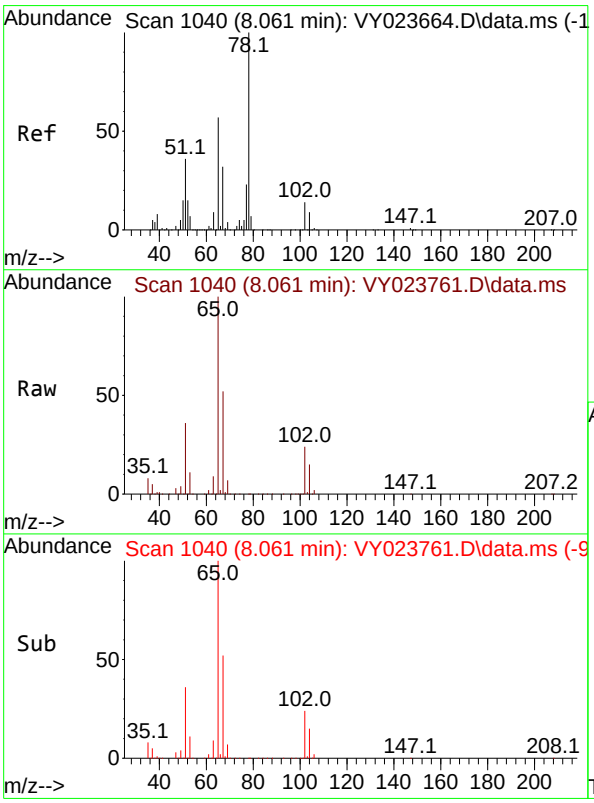


#17
Carbon Disulfide
Concen: 3.622 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 76 Resp: 71109

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.1	10.7

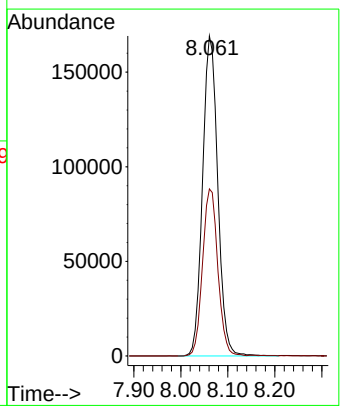


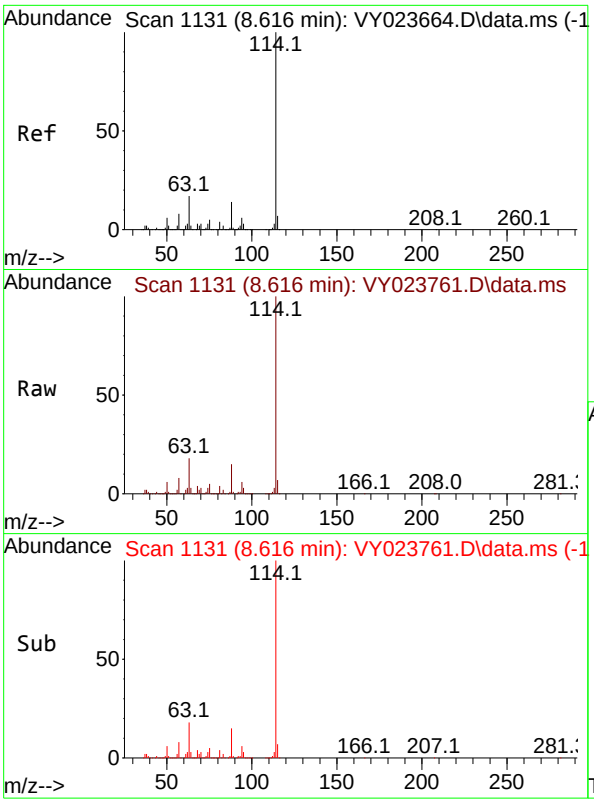


#33
1,2-Dichloroethane-d4
Concen: 62.149 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 65 Resp: 379494

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4



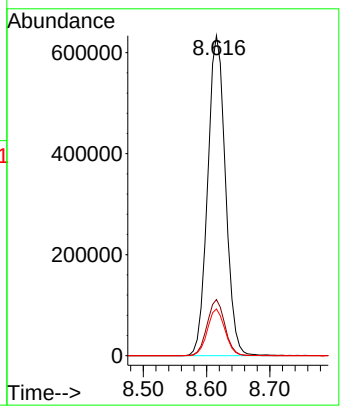


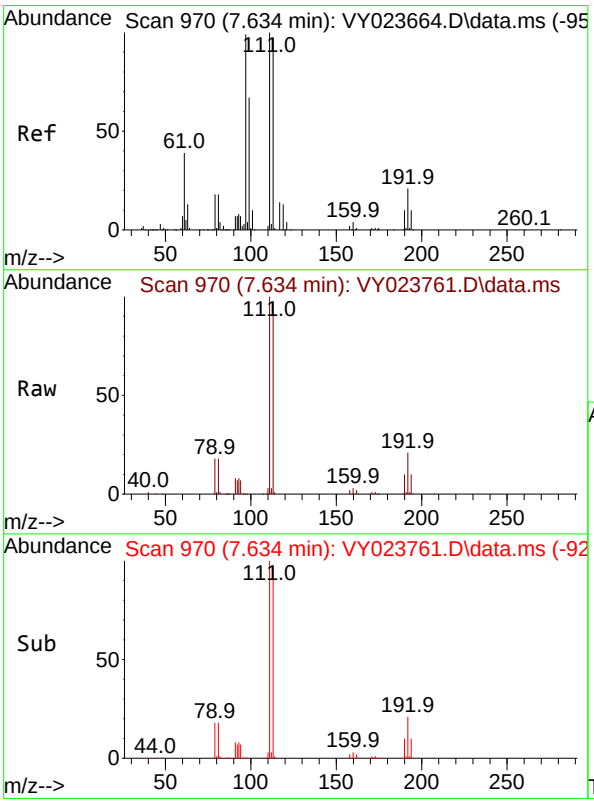
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Tgt Ion:114 Resp: 1241972

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	14.6	0.0	29.0

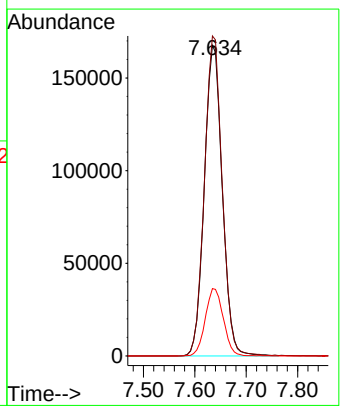


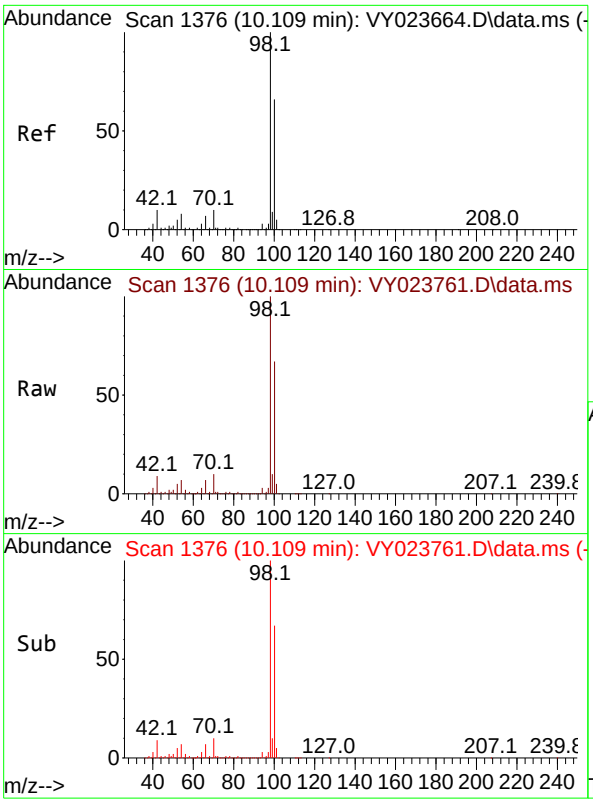


#35
Dibromofluoromethane
Concen: 52.512 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion:113 Resp: 407574

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	21.8	17.3	25.9



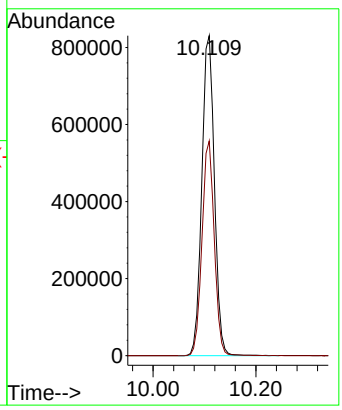


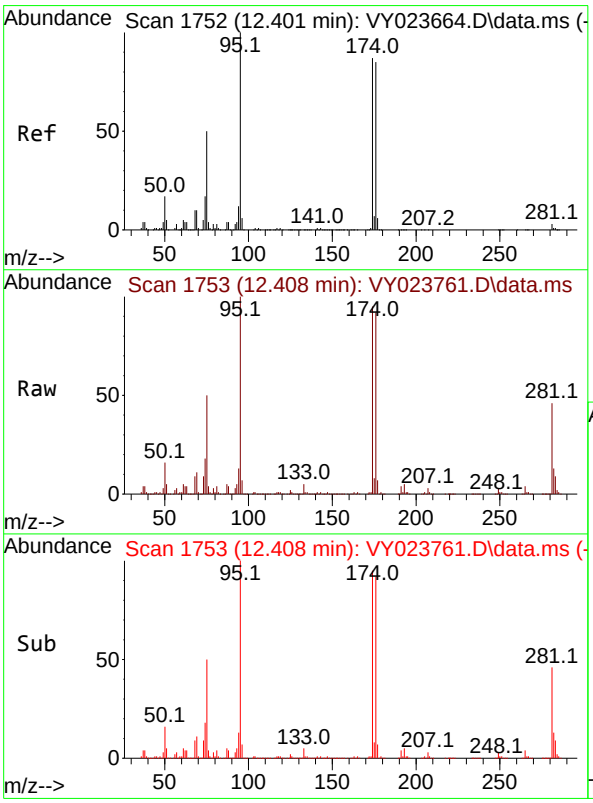
#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Tgt Ion: 98 Resp: 1406469

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1

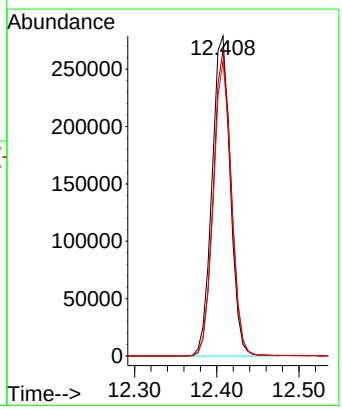


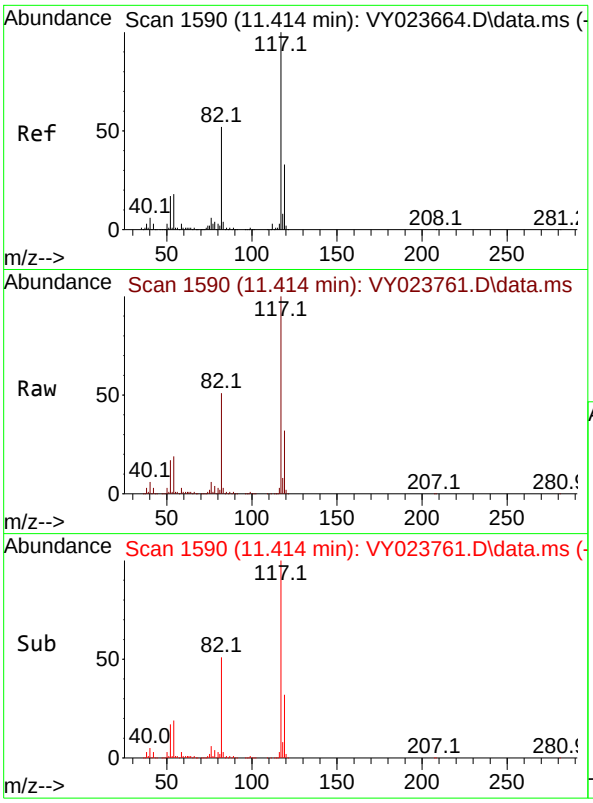


#62
4-Bromofluorobenzene
Concen: 46.010 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 95 Resp: 430192

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	184.8
176	91.5	0.0	181.6



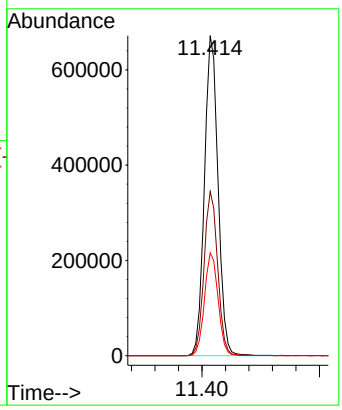


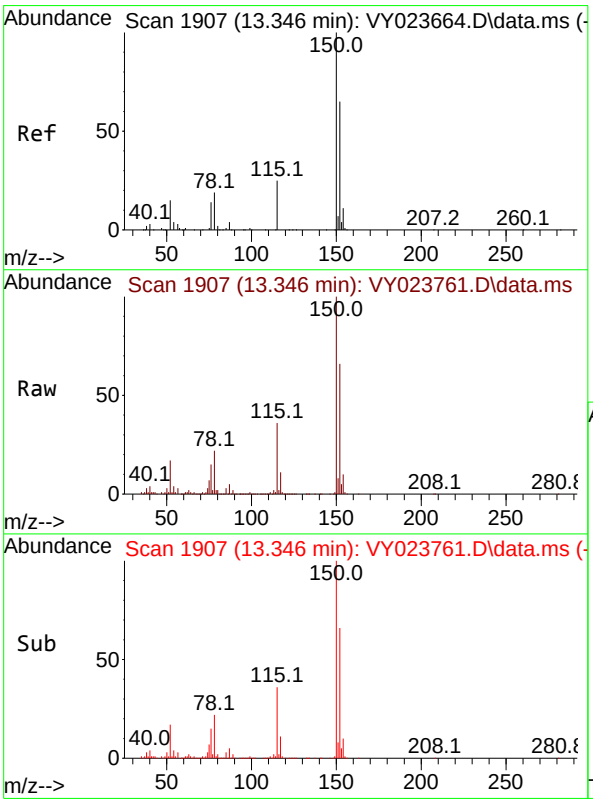
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Tgt Ion:117 Resp: 1078013

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.2	61.8
119	32.2	26.2	39.2

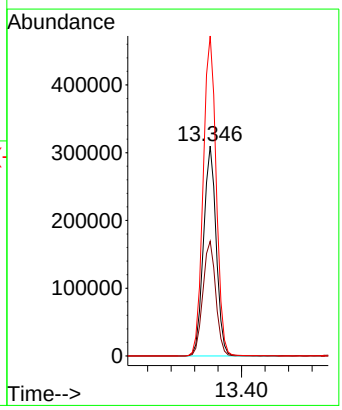




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023761.D
Acq: 12 Nov 2025 14:01

Tgt Ion:152 Resp: 465632

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.5
150	156.3	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

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\82Y110425S.M
Title : SW846 8260

Signal : TIC: VY023761.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.110	381	392	404	rBV2	34828	95827	2.66%	0.453%
2	4.616	464	475	490	rBV2	29087	91260	2.53%	0.432%
3	7.634	959	970	976	rBV	560873	1344189	37.28%	6.359%
4	7.713	976	983	1001	rVB	854074	1990198	55.20%	9.415%
5	8.061	1031	1040	1056	rBV	487298	1086787	30.14%	5.141%
6	8.616	1122	1131	1143	rBV	1380075	2704122	75.00%	12.792%
7	10.109	1366	1376	1393	rBV	2120006	3605483	100.00%	17.057%
8	11.414	1581	1590	1603	rBV	1934718	3113839	86.36%	14.731%
9	12.408	1743	1753	1764	rBV2	1797339	3227535	89.52%	15.269%
10	12.731	1802	1806	1811	rVB2	34537	51301	1.42%	0.243%
11	12.962	1840	1844	1850	rVB2	27341	42212	1.17%	0.200%
12	13.042	1851	1857	1862	rBV	31860	49677	1.38%	0.235%
13	13.237	1881	1889	1893	rBV5	28283	61873	1.72%	0.293%
14	13.285	1893	1897	1899	rVV2	31960	45360	1.26%	0.215%
15	13.346	1899	1907	1916	rVV	1733263	2727843	75.66%	12.905%
16	13.420	1916	1919	1923	rVB2	29068	41203	1.14%	0.195%
17	13.676	1955	1961	1965	rBV	245684	357345	9.91%	1.691%
18	13.712	1965	1967	1971	rVV2	43341	58861	1.63%	0.278%
19	13.767	1971	1976	1981	rVV7	25985	62604	1.74%	0.296%
20	13.834	1983	1987	1990	rVV4	31064	58689	1.63%	0.278%
21	13.883	1991	1995	2001	rVV3	83647	154371	4.28%	0.730%
22	14.169	2036	2042	2049	rBV8	49585	131666	3.65%	0.623%
23	14.602	2108	2113	2117	rVV6	18323	36146	1.00%	0.171%

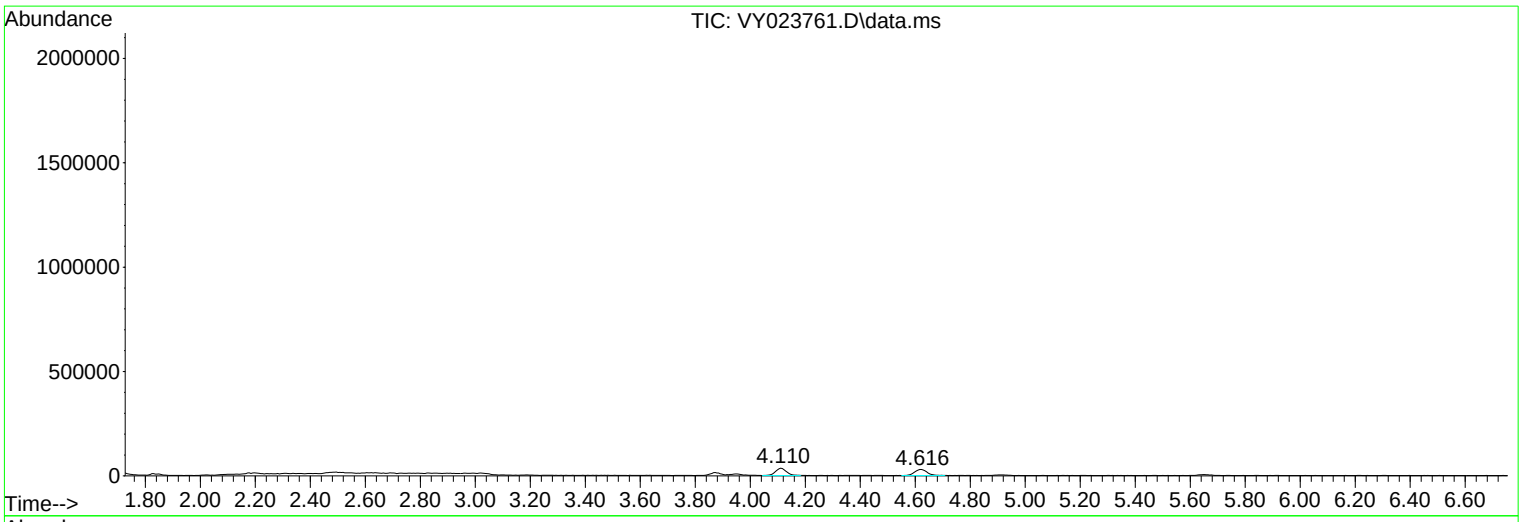
Sum of corrected areas: 21138391

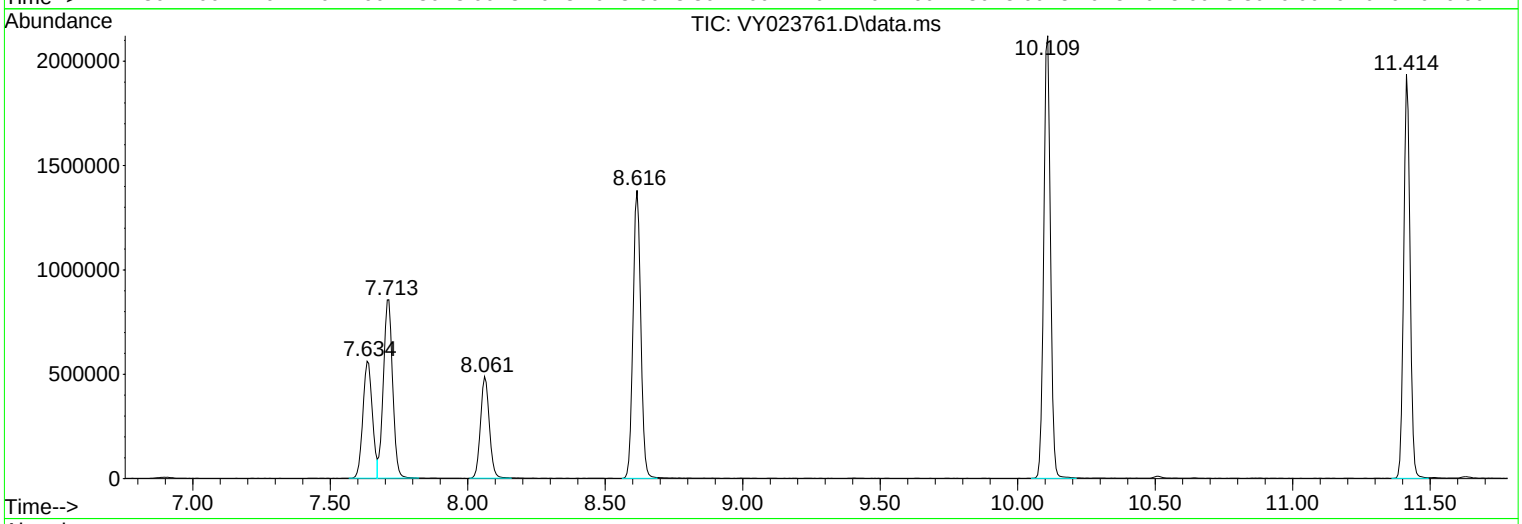
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

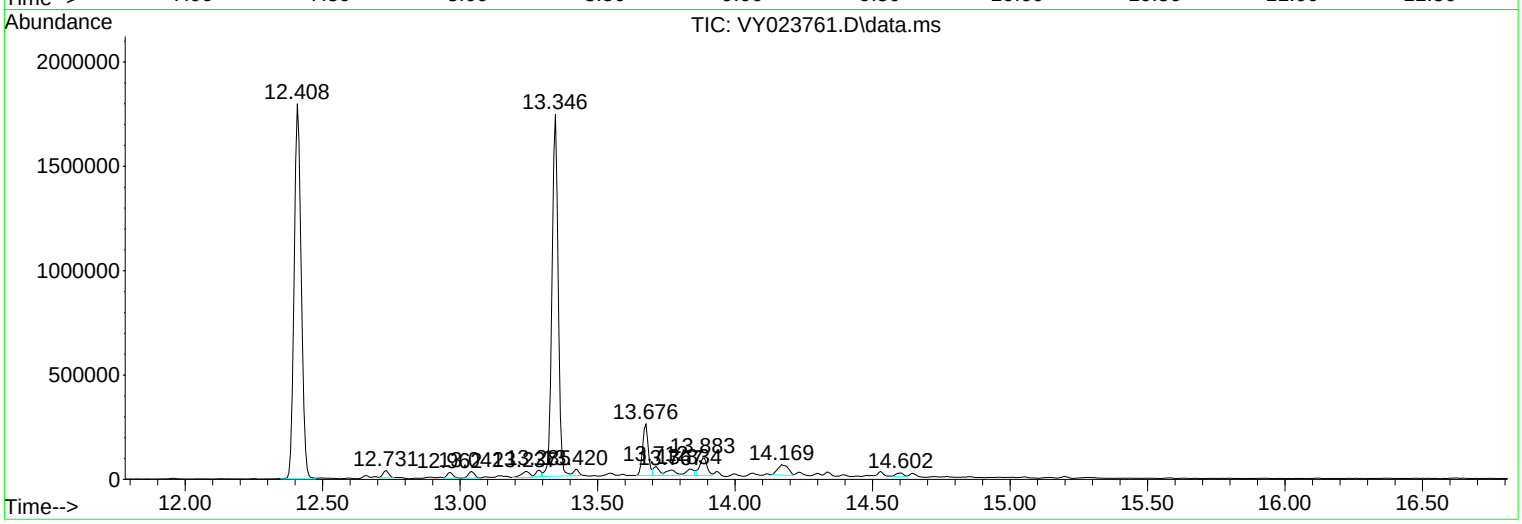
Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260

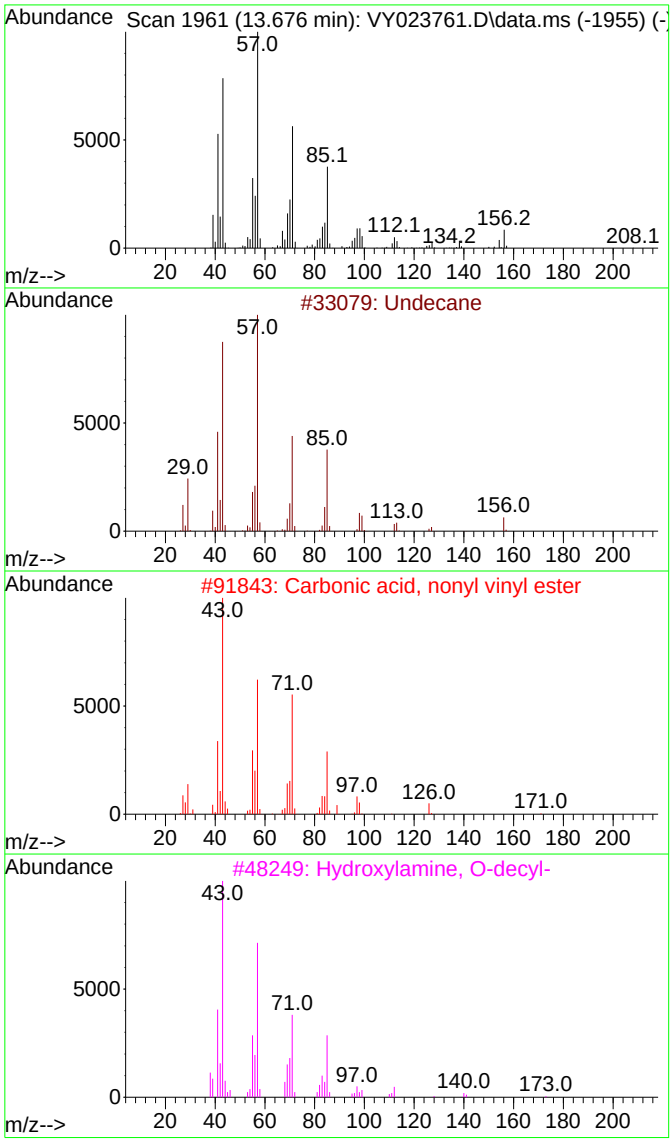
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

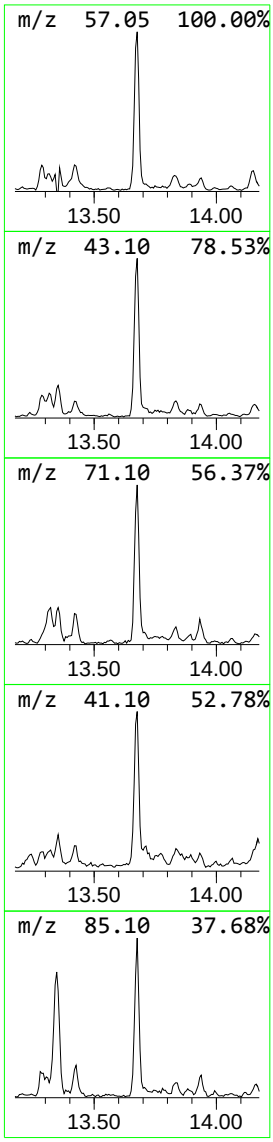
****

Peak Number 1 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	6.55 ug/l	357345	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	92
2	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	80
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
4	Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	58
5	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023761.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3586-03
Misc : 6.46g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.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
Undecane	13.676	6.5	ug/l	357345	4	13.346	2727840	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Time: Nov 12 03:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	277247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	601287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	633123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	297226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	215257	60.222	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 120.440%			
35) Dibromofluoromethane	7.898	113	198257	55.071	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 110.140%			
50) Toluene-d8	10.325	98	733818	53.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.617	95	298731	57.258	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 114.520%			

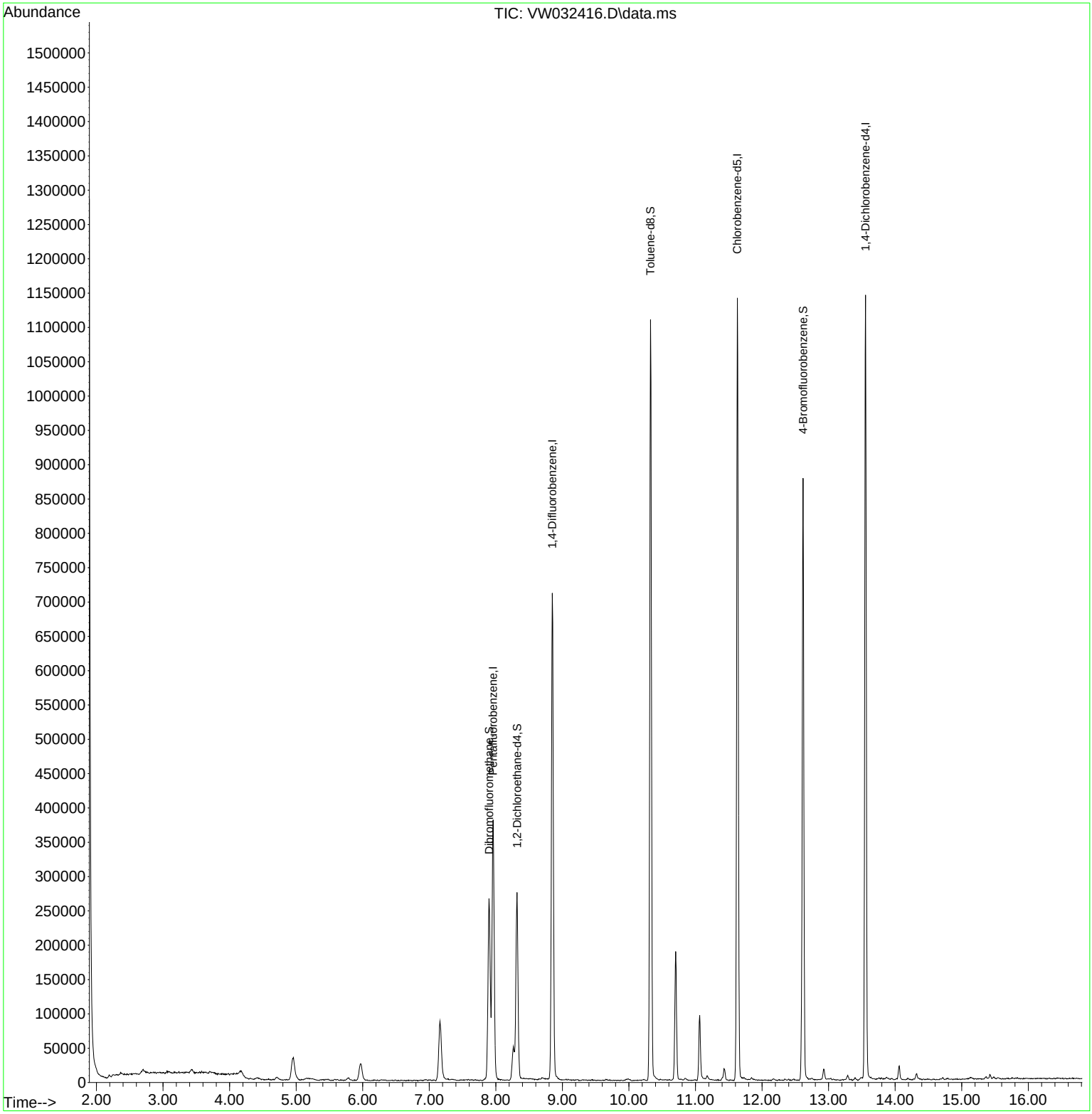
Target Compounds Qvalue

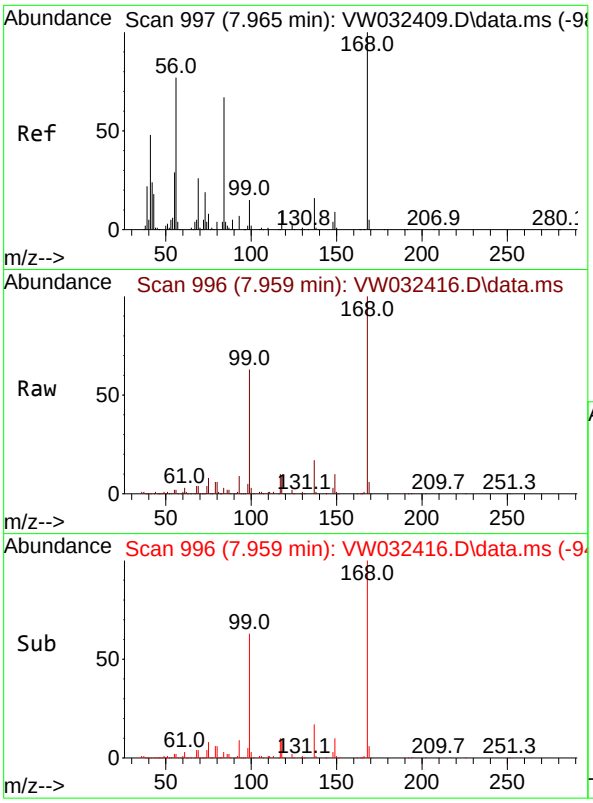
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Time: Nov 12 03:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



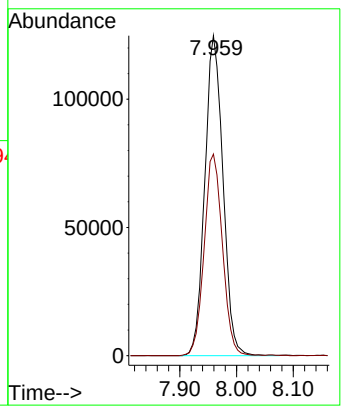


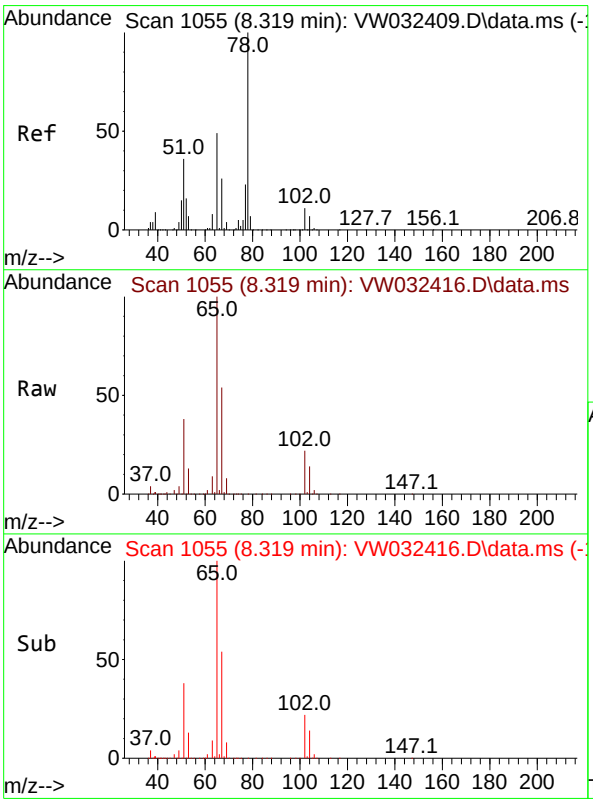
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Tgt Ion:168 Resp: 277247

Ion	Ratio	Lower	Upper
168	100		
99	63.0	45.4	68.2

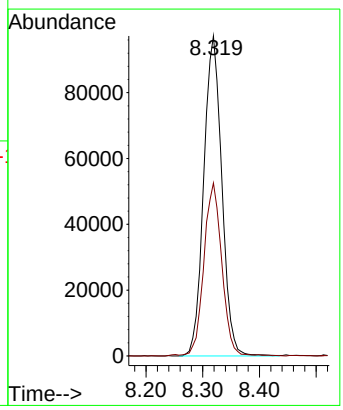


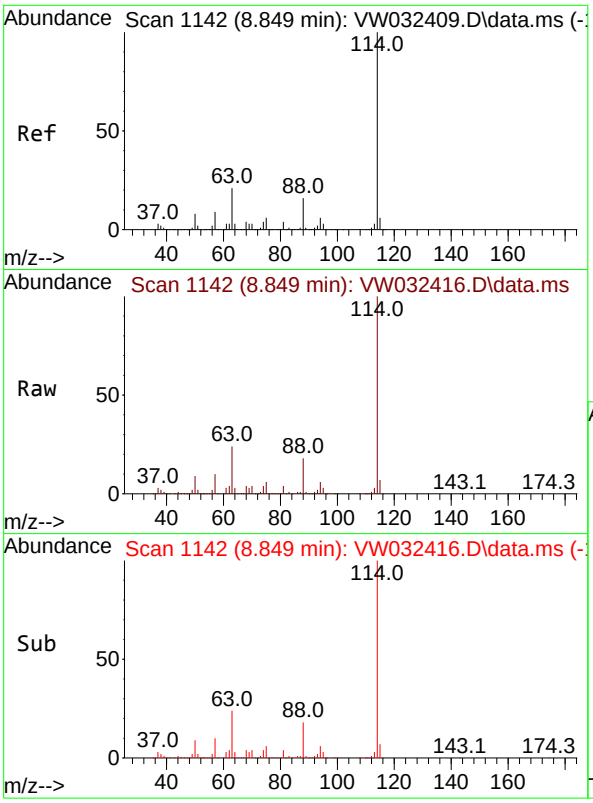


#33
1,2-Dichloroethane-d4
Concen: 60.222 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion: 65 Resp: 215257

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8



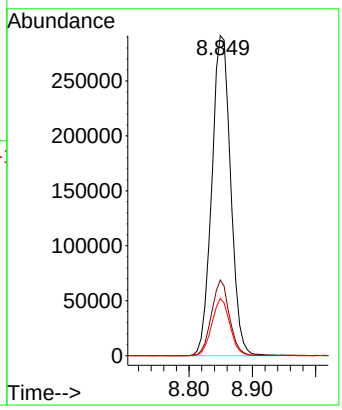


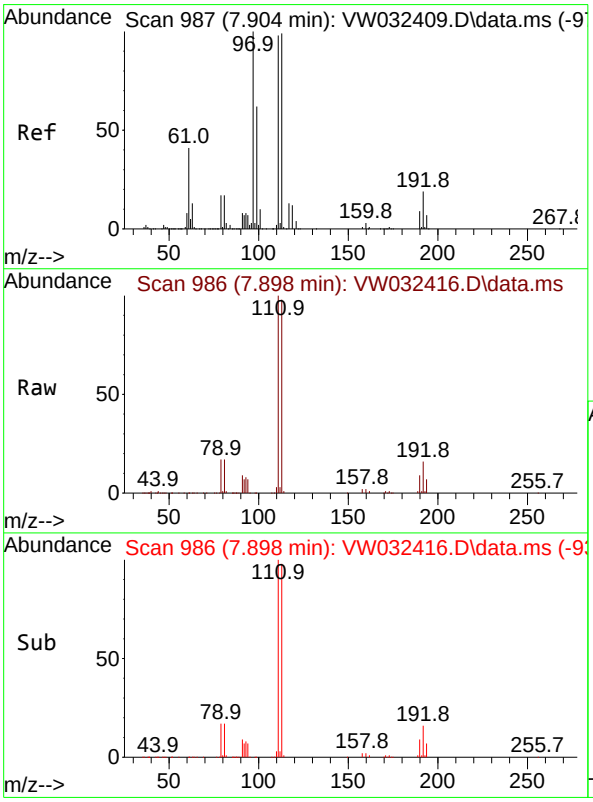
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Tgt Ion:114 Resp: 601287

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	41.8
88	17.9	0.0	32.6

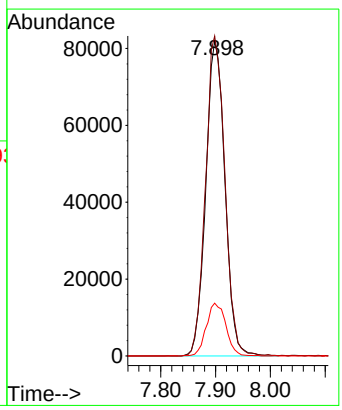


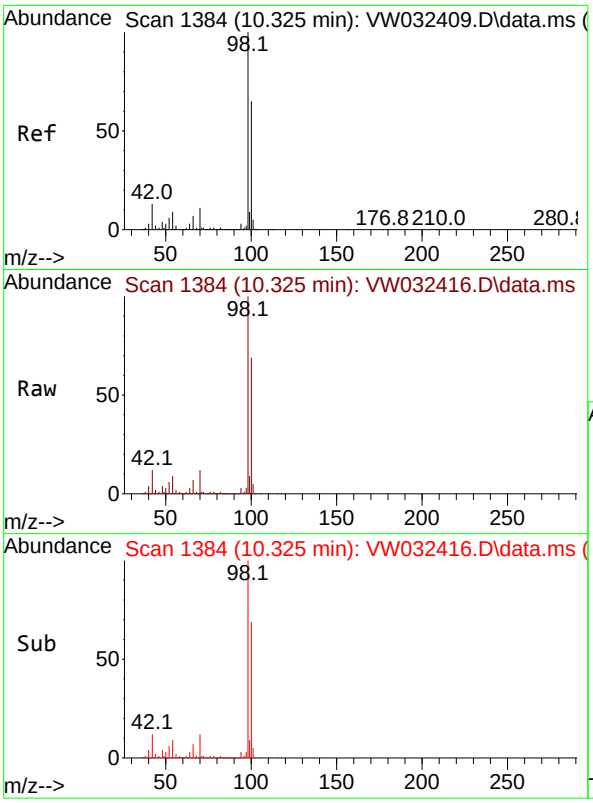


#35
Dibromofluoromethane
Concen: 55.071 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion:113 Resp: 198257

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	17.1	13.4	20.2



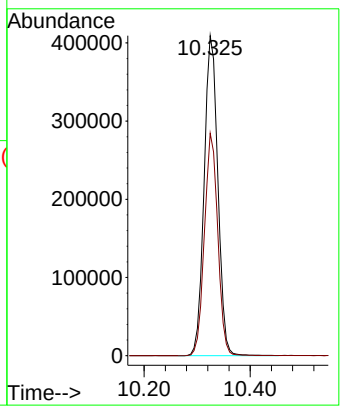


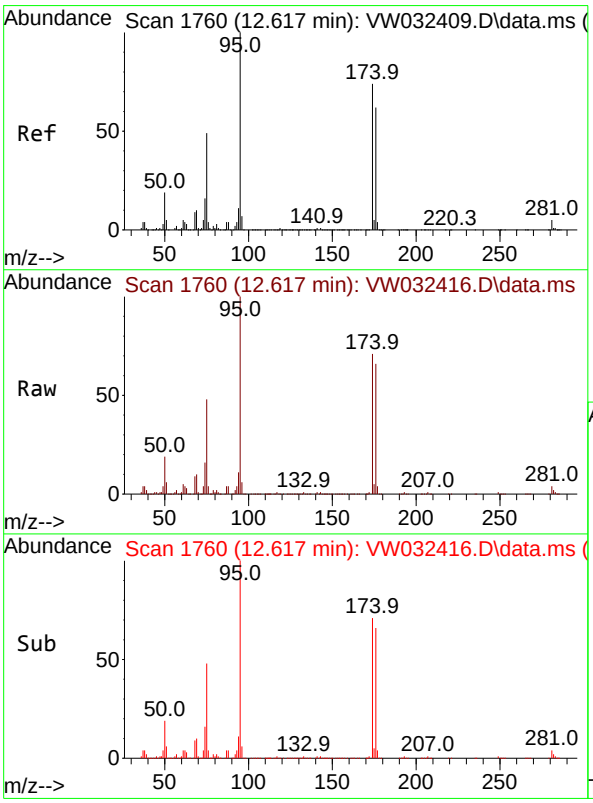
#50
Toluene-d8
Concen: 53.133 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Tgt Ion: 98 Resp: 733818

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.3	79.9

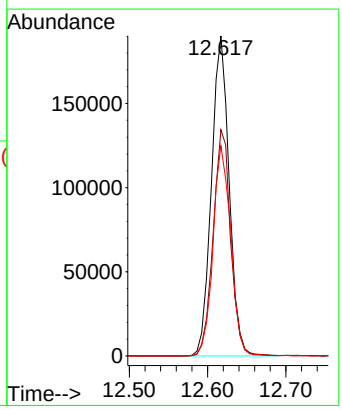


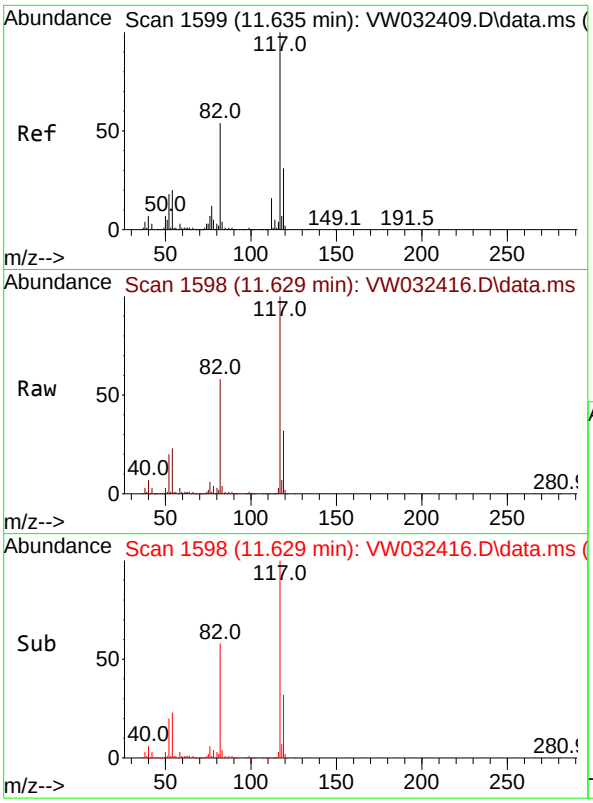


#62
4-Bromofluorobenzene
Concen: 57.258 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion: 95 Resp: 298731

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	135.4
176	66.1	0.0	131.8



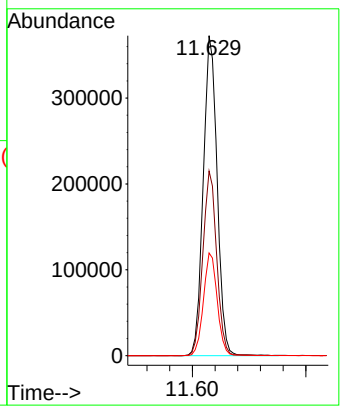


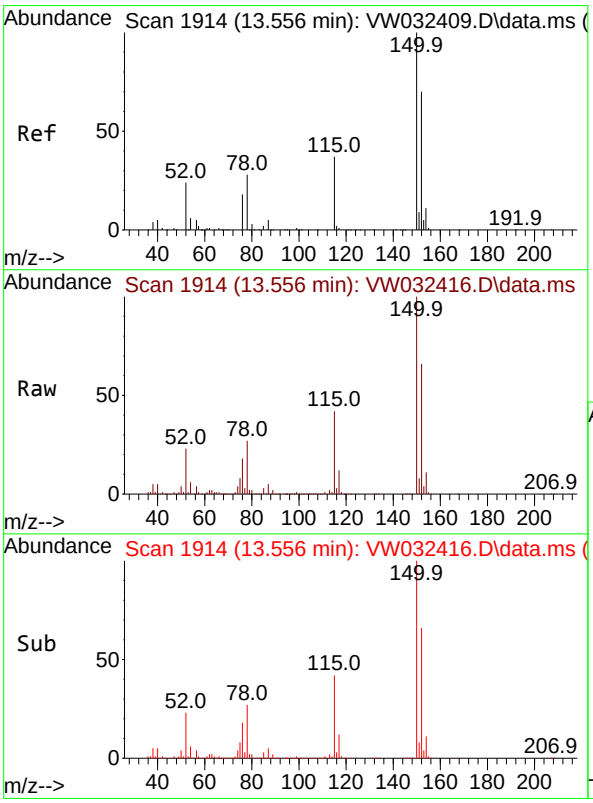
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Tgt Ion:117 Resp: 633123

Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.0	64.4
119	32.1	25.0	37.6

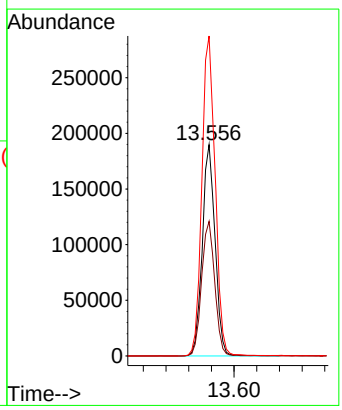




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion:152 Resp: 297226

Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.8	98.3
150	157.0	0.0	356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

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_W\Method\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	490	504	521	rVB3	33085	121100	6.12%	1.013%
2	5.966	658	669	681	rBV4	24346	81716	4.13%	0.683%
3	7.161	855	865	882	rBV	86495	259412	13.10%	2.170%
4	7.898	976	986	991	rBV2	263338	636600	32.15%	5.324%
5	7.959	991	996	1008	rVB	378420	838706	42.36%	7.015%
6	8.264	1036	1046	1048	rBV	49118	102406	5.17%	0.857%
7	8.319	1049	1055	1069	rVB	271980	599552	30.28%	5.015%
8	8.849	1133	1142	1152	rBV	707390	1429317	72.18%	11.955%
9	10.325	1376	1384	1404	rBV	1108314	1980084	100.00%	16.561%
10	10.703	1436	1446	1456	rBV	187593	338470	17.09%	2.831%
11	11.062	1498	1505	1516	rBV	95439	175429	8.86%	1.467%
12	11.428	1557	1565	1573	rBV3	17254	37835	1.91%	0.316%
13	11.629	1590	1598	1609	rBV	1140141	1954651	98.72%	16.349%
14	12.617	1750	1760	1774	rBV2	877443	1483576	74.92%	12.409%
15	12.928	1805	1811	1818	rBV2	15070	27111	1.37%	0.227%
16	13.556	1907	1914	1926	rBV	1140484	1855850	93.73%	15.522%
17	14.062	1992	1997	2004	rVB	20050	34274	1.73%	0.287%

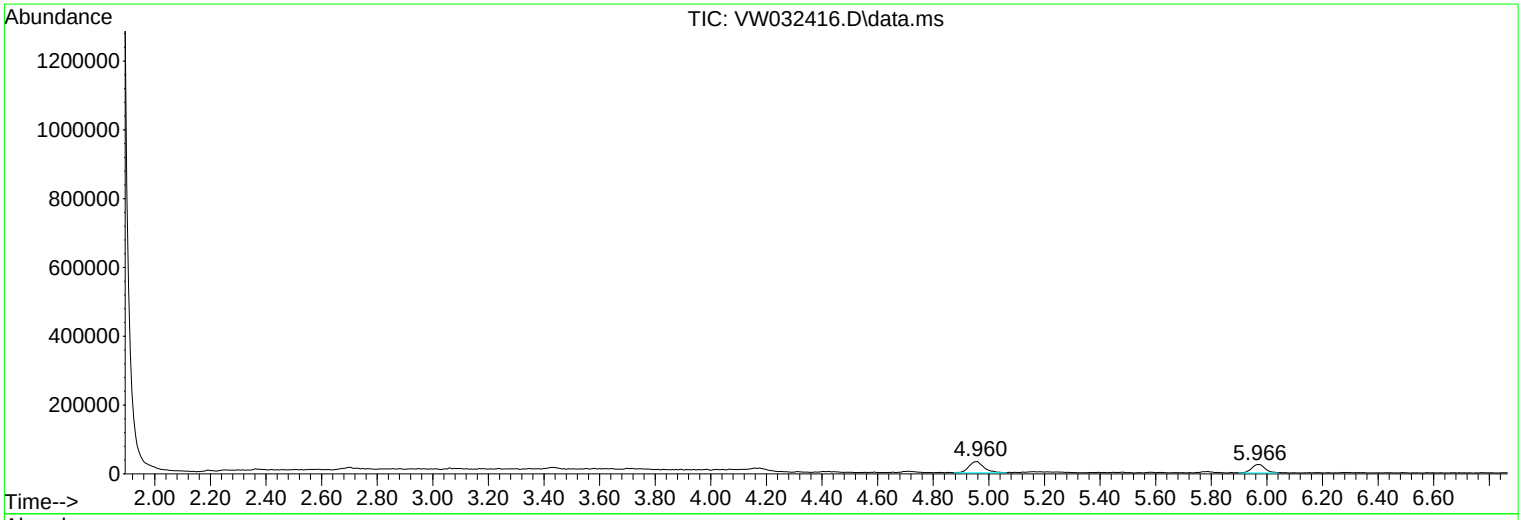
Sum of corrected areas: 11956089

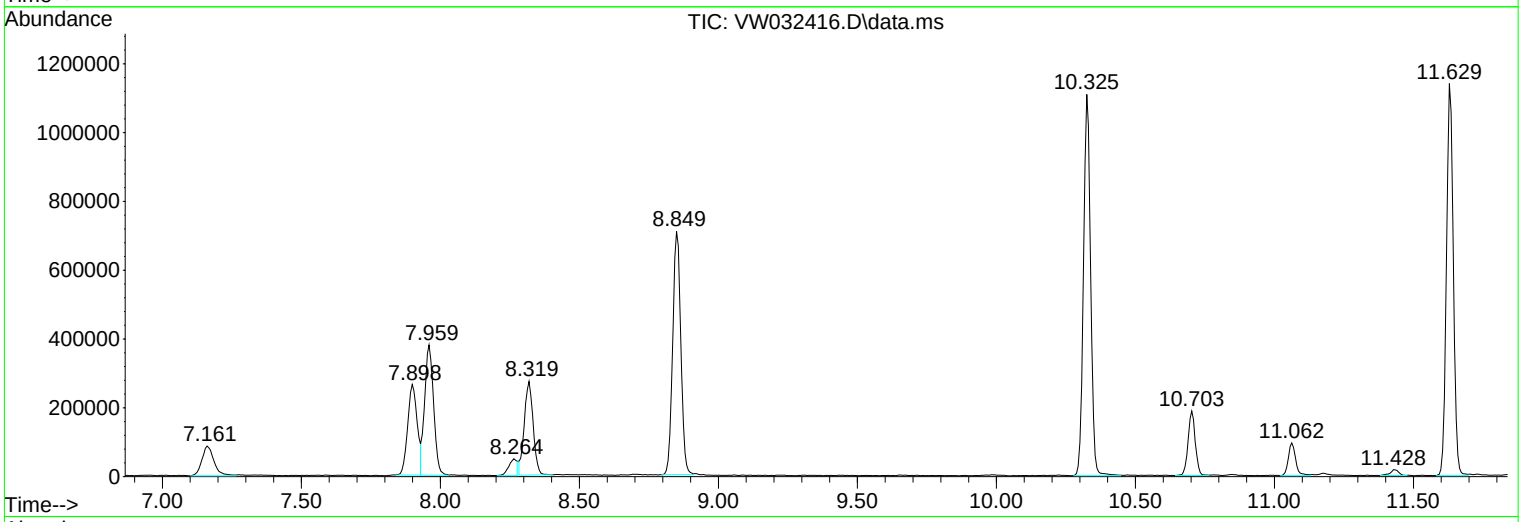
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

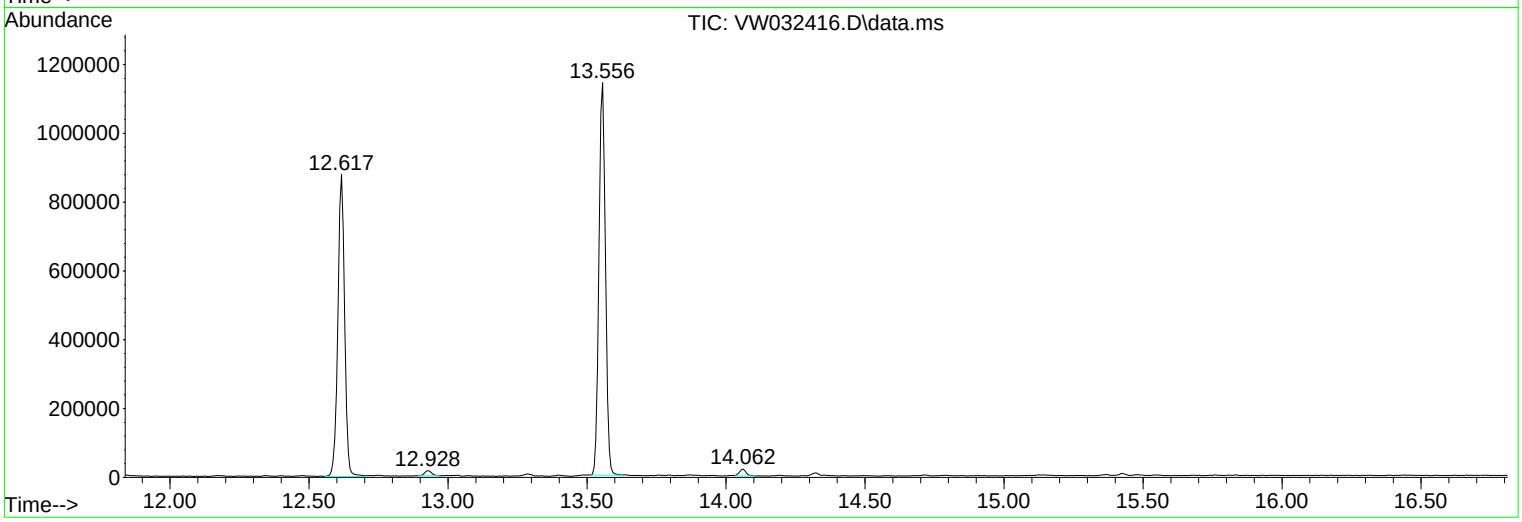
Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Time: Nov 14 03:33:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	769463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1302390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1092818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	431668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	376845	57.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.820%			
35) Dibromofluoromethane	7.640	113	415926	51.102	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.109	98	1458000	48.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.408	95	415705	42.398	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.800%			

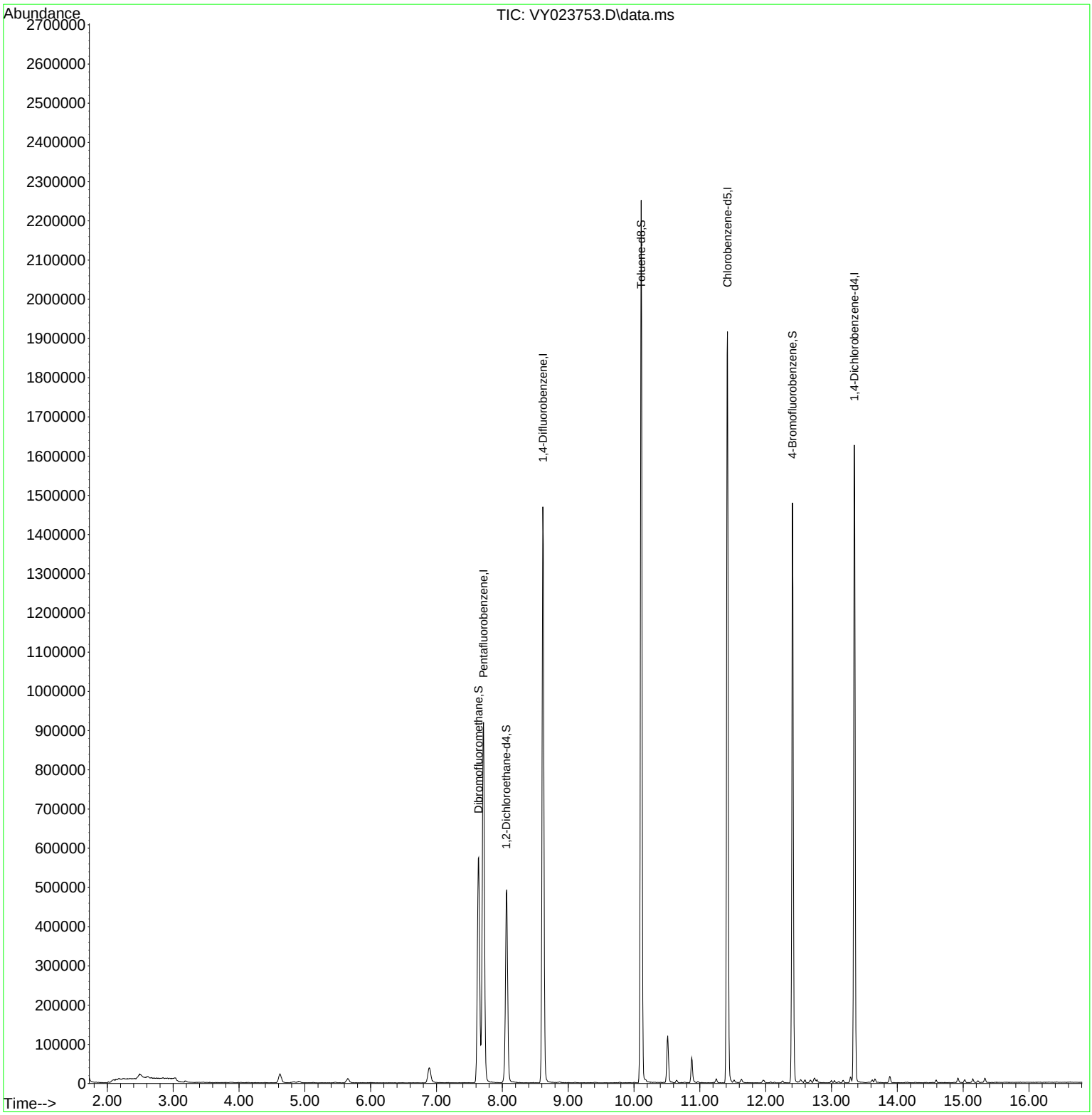
Target Compounds Qvalue

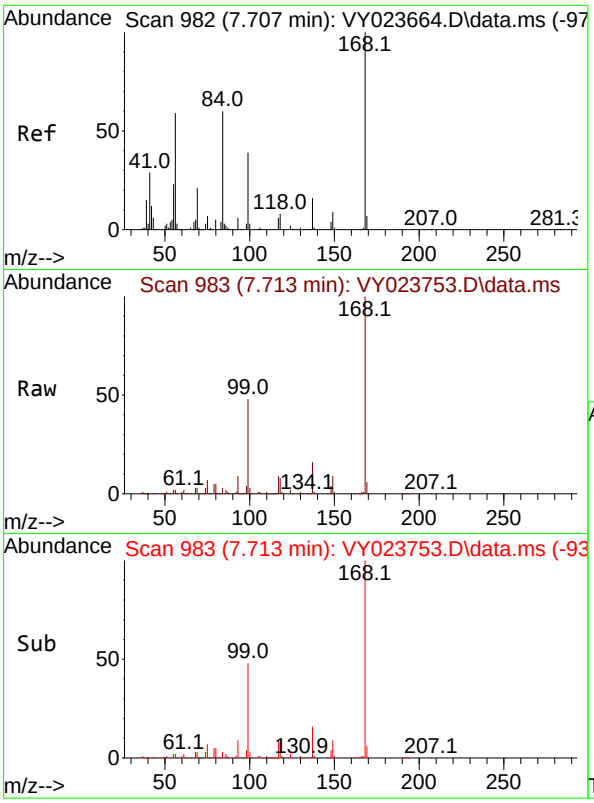
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Time: Nov 14 03:33:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



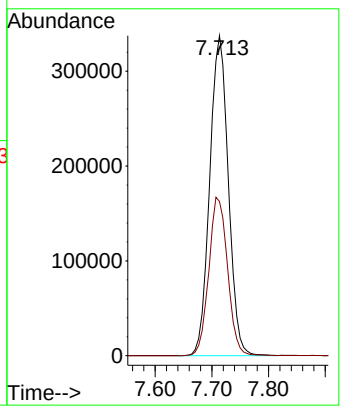


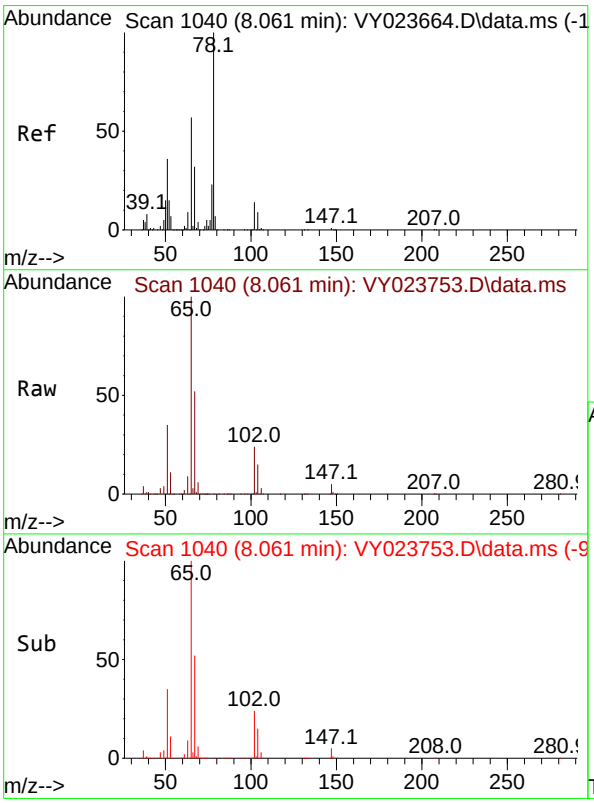
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:168 Resp: 769463

Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.0	61.4

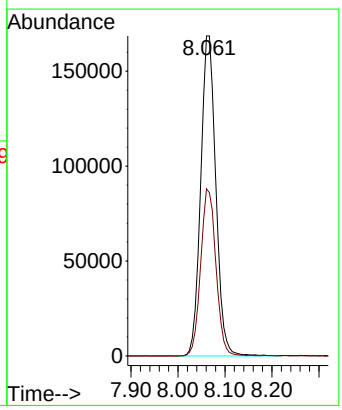


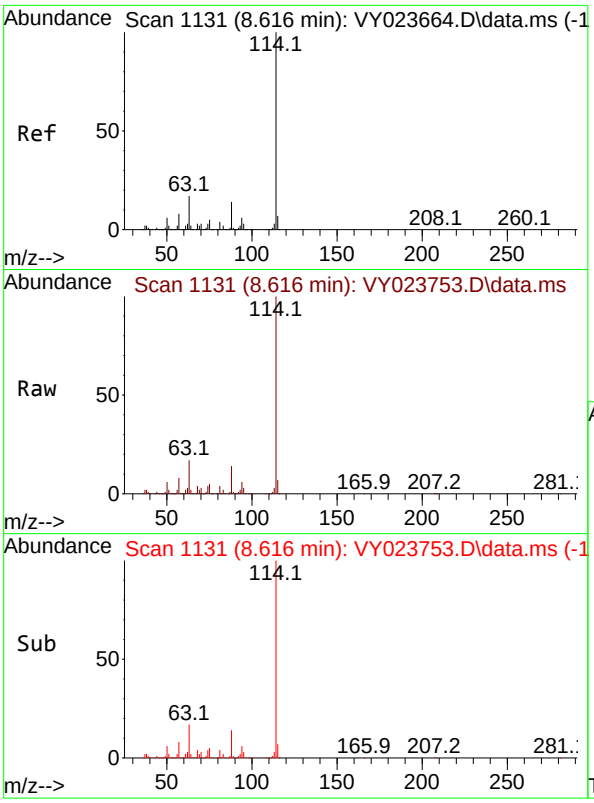


#33
1,2-Dichloroethane-d4
Concen: 57.414 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion: 65 Resp: 376845

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.4



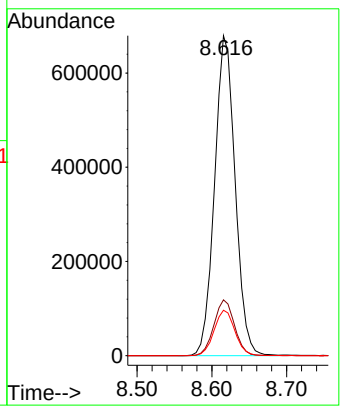


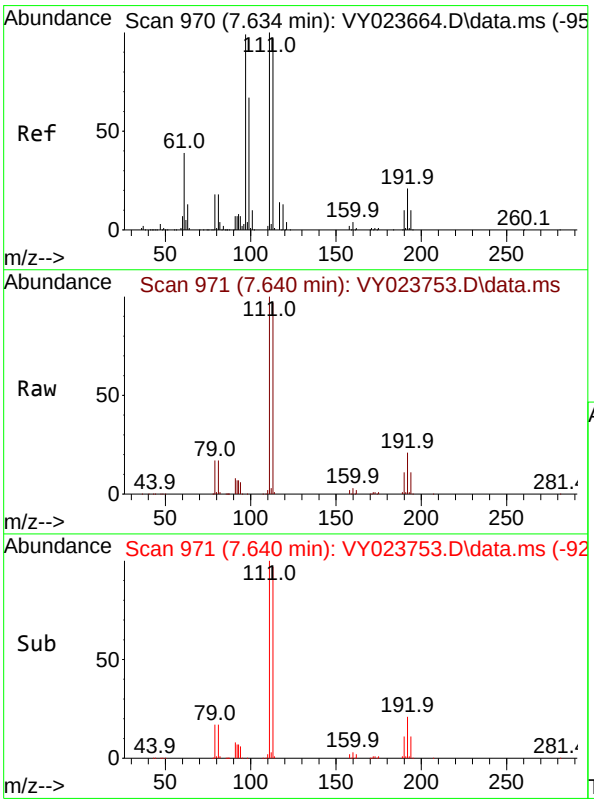
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:114 Resp: 1302390

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.8
88	14.2	0.0	29.0

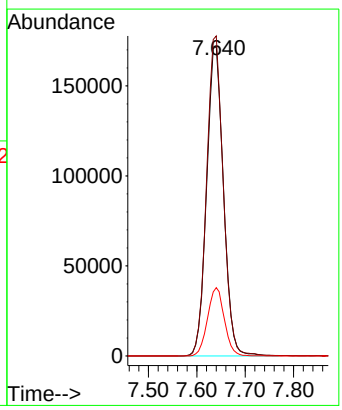


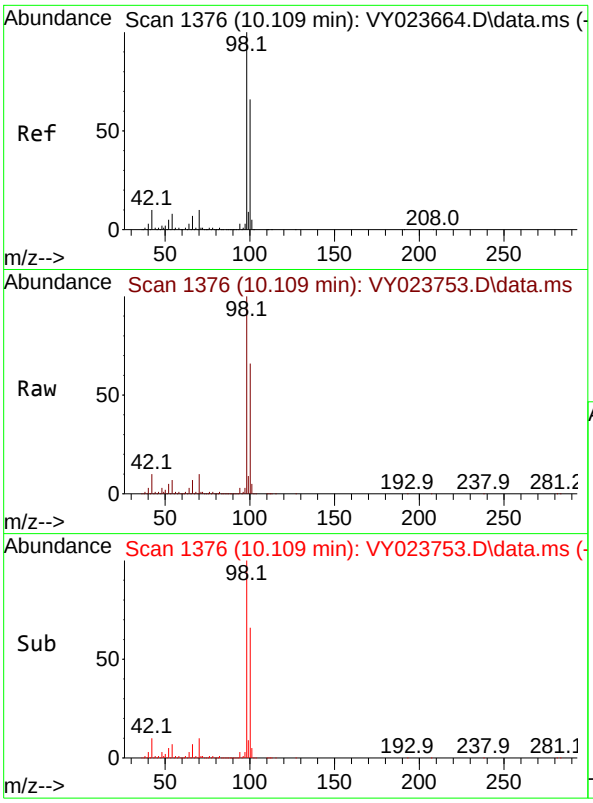


#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion:113 Resp: 415926

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	22.0	17.3	25.9



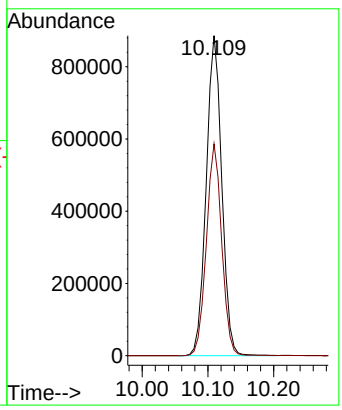


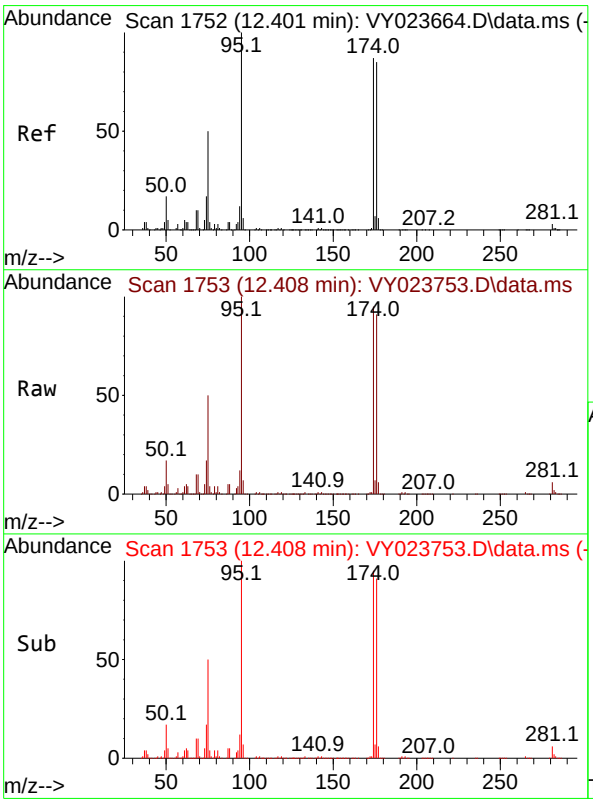
#50
Toluene-d8
Concen: 48.089 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion: 98 Resp: 1458000

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1

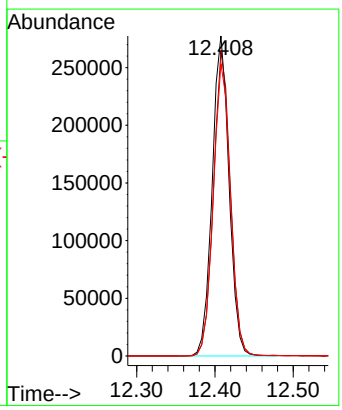


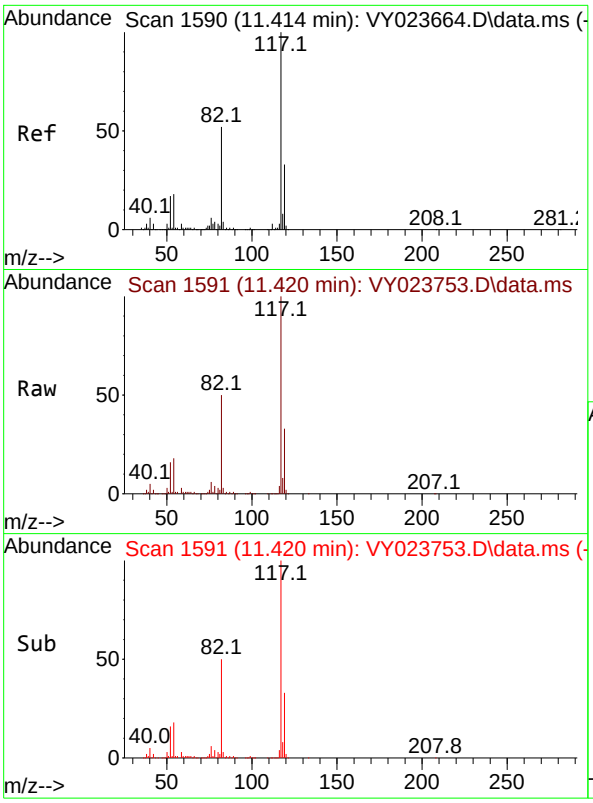


#62
4-Bromofluorobenzene
Concen: 42.398 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion: 95 Resp: 415705

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	184.8
176	92.6	0.0	181.6



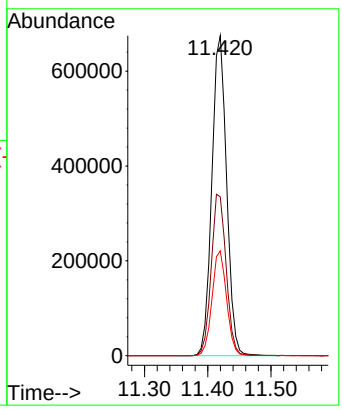


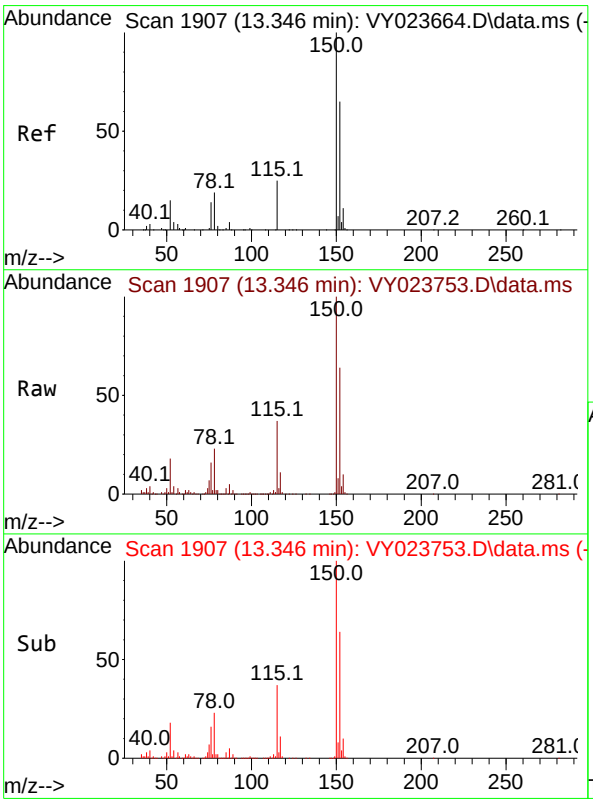
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:117 Resp: 1092818

Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.2	61.8
119	32.7	26.2	39.2

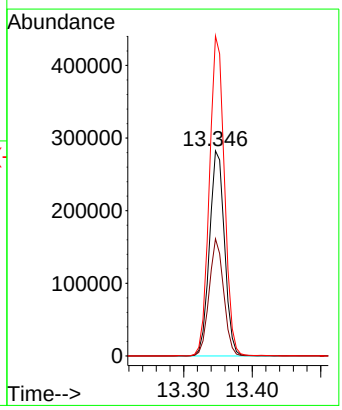




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion:152 Resp: 431668

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.5	82.5
150	155.9	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

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\82Y110425S.M
Title : SW846 8260

Signal : TIC: VY023753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	467	476	490	rVB3	22412	68329	1.83%	0.347%
2	6.890	836	848	860	rBV	38261	128159	3.43%	0.650%
3	7.640	957	971	976	rBV	574401	1365367	36.55%	6.929%
4	7.713	976	983	1000	rVB	918241	2141937	57.33%	10.869%
5	8.067	1026	1041	1054	rBV	492174	1139953	30.51%	5.785%
6	8.616	1121	1131	1143	rBV	1469309	2837953	75.97%	14.401%
7	10.109	1368	1376	1392	rBV	2251352	3735829	100.00%	18.957%
8	10.512	1434	1442	1451	rBV	119390	218279	5.84%	1.108%
9	10.877	1496	1502	1513	rBV	63530	111276	2.98%	0.565%
10	11.420	1583	1591	1603	rBV	1915887	3161631	84.63%	16.044%
11	12.408	1742	1753	1766	rBV2	1479362	2332645	62.44%	11.837%
12	13.346	1901	1907	1922	rVB	1625799	2465129	65.99%	12.509%

Sum of corrected areas: 19706487

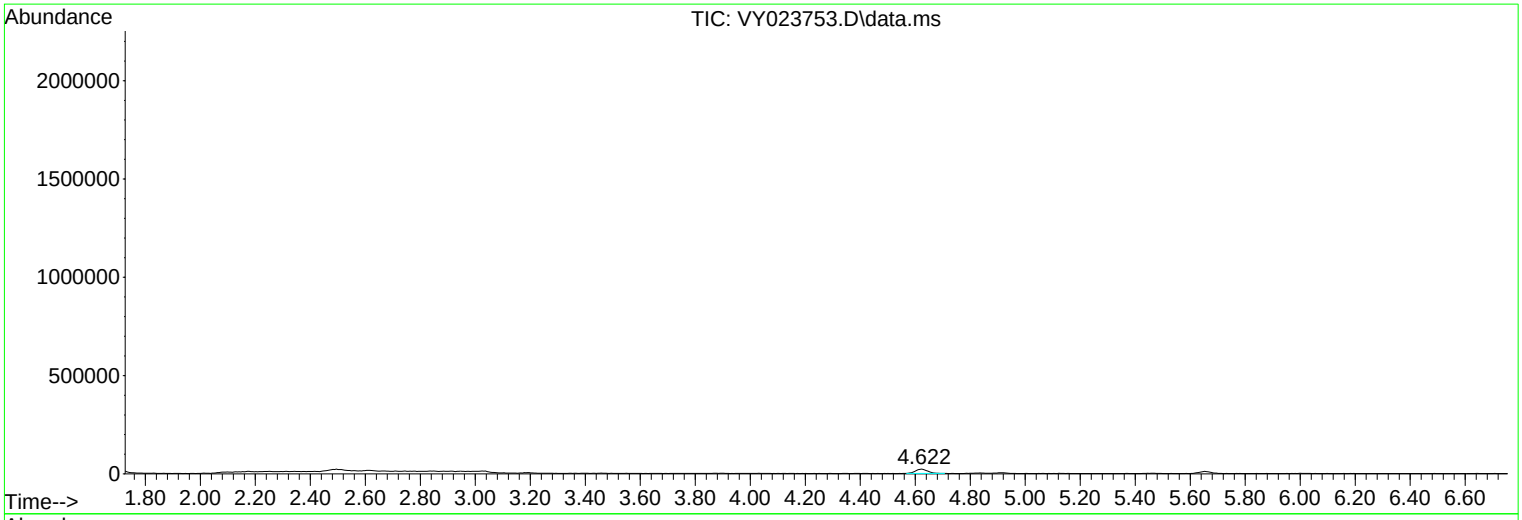
Sample Results: **VY023753.D**

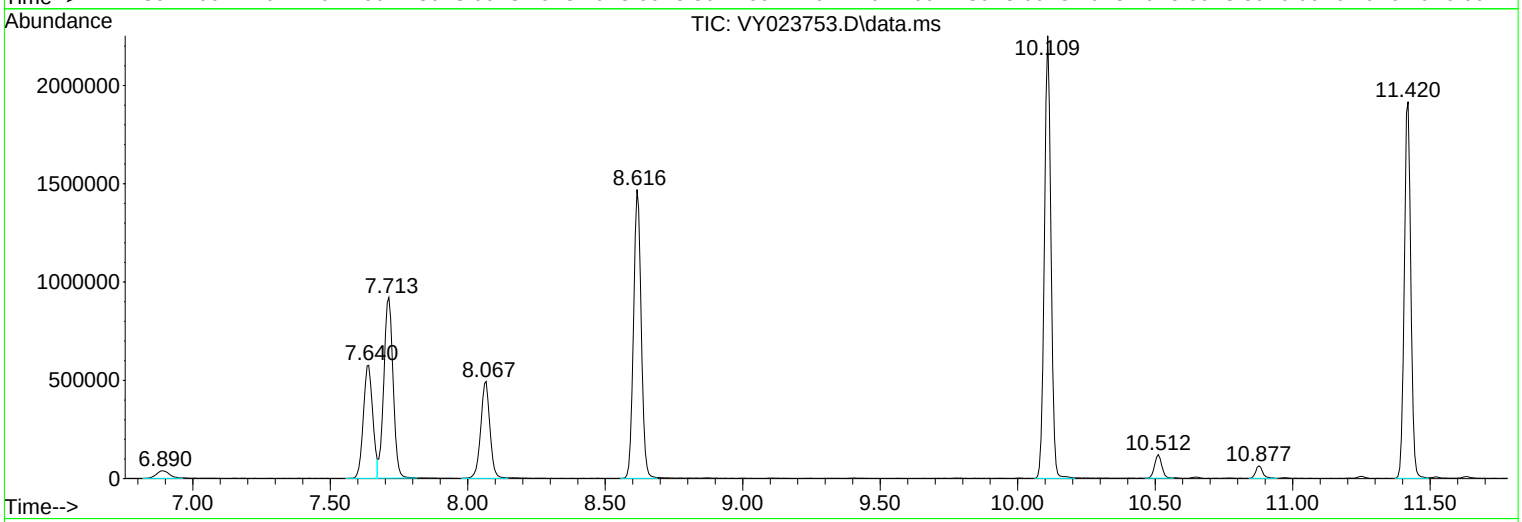
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

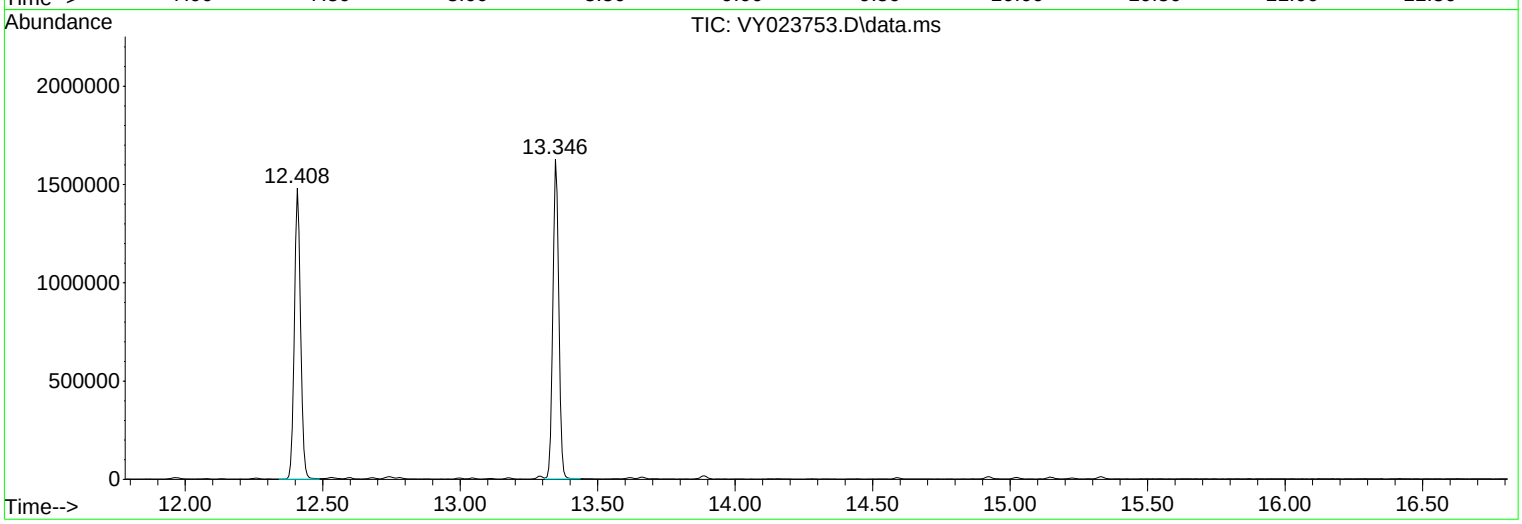
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.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\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.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_W\Data\VW111125\
Data File : VW032417.D
Acq On : 11 Nov 2025 10:00
Operator : SY/MD
Sample : VW1111SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 12 03:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBS01

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	436360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	782865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	700699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	322112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272975	48.523	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 97.040%			
35) Dibromofluoromethane	7.898	113	232064	49.510	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.020%			
50) Toluene-d8	10.324	98	922037	51.277	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.617	95	343026	50.499	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.051	85	41489	18.740	ug/l	92
3) Chloromethane	2.253	50	78459	20.675	ug/l	99
4) Vinyl Chloride	2.405	62	100720	21.031	ug/l	94
5) Bromomethane	2.820	94	66815	20.856	ug/l	86
6) Chloroethane	2.966	64	64340	20.534	ug/l	99
7) Trichlorofluoromethane	3.307	101	68862	18.339	ug/l	93
8) Diethyl Ether	3.722	74	60131	19.587	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	87296	21.342	ug/l	97
10) Methyl Iodide	4.307	142	130946	19.877	ug/l	99
11) Tert butyl alcohol	5.209	59	39926m	82.075	ug/l	
12) 1,1-Dichloroethene	4.075	96	100130	21.349	ug/l	98
13) Acrolein	3.929	56	77344	94.763	ug/l	99
14) Allyl chloride	4.703	41	182315	20.213	ug/l	98
15) Acrylonitrile	5.404	53	162387	91.485	ug/l	99
16) Acetone	4.161	43	170667	101.402	ug/l	99
17) Carbon Disulfide	4.423	76	281977	20.341	ug/l	96
18) Methyl Acetate	4.709	43	71779	17.222	ug/l	100
19) Methyl tert-butyl Ether	5.459	73	193164	19.538	ug/l	98
20) Methylene Chloride	4.953	84	115348	19.164	ug/l	96
21) trans-1,2-Dichloroethene	5.459	96	108024	20.142	ug/l	98
22) Diisopropyl ether	6.343	45	374441	20.390	ug/l	94
23) Vinyl Acetate	6.282	43	1207298	95.955	ug/l	99
24) 1,1-Dichloroethane	6.246	63	207089	20.583	ug/l	99
25) 2-Butanone	7.191	43	224145	90.396	ug/l	100
26) 2,2-Dichloropropane	7.191	77	112486	20.061	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	129519	20.212	ug/l	99
28) Bromochloromethane	7.526	49	92254	19.400	ug/l	99
29) Tetrahydrofuran	7.550	42	137114	87.122	ug/l	100
30) Chloroform	7.691	83	204053	20.717	ug/l	97
31) Cyclohexane	7.971	56	193811	20.824	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	146541	20.826	ug/l	99
36) 1,1-Dichloropropene	8.093	75	146806	21.257	ug/l	99
37) Ethyl Acetate	7.270	43	95387	18.575	ug/l	98
38) Carbon Tetrachloride	8.081	117	129945	21.176	ug/l	97
39) Methylcyclohexane	9.343	83	186531	20.849	ug/l	96
40) Benzene	8.337	78	465167	20.916	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032417.D
Acq On : 11 Nov 2025 10:00
Operator : SY/MD
Sample : VW1111SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 12 03:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	51421	18.228	ug/l		97
42) 1,2-Dichloroethane	8.410	62	132166	20.232	ug/l		100
43) Isopropyl Acetate	8.434	43	166641	18.326	ug/l		98
44) Trichloroethene	9.099	130	105263	20.340	ug/l		99
45) 1,2-Dichloropropane	9.373	63	114301	20.640	ug/l		98
46) Dibromomethane	9.465	93	65964	20.384	ug/l		98
47) Bromodichloromethane	9.648	83	148960	20.179	ug/l		96
48) Methyl methacrylate	9.440	41	82354	19.059	ug/l		99
49) 1,4-Dioxane	9.465	88	15786	348.214	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.215	43	462881	92.081	ug/l		100
52) Toluene	10.391	92	291874	21.247	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	148545	19.539	ug/l		99
54) cis-1,3-Dichloropropene	10.074	75	177591	20.200	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	88696	19.979	ug/l		96
56) Ethyl methacrylate	10.647	69	126877	18.627	ug/l		99
57) 1,3-Dichloropropane	10.934	76	160122	20.194	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	354300	97.670	ug/l		100
59) 2-Hexanone	10.971	43	337174	91.677	ug/l		98
60) Dibromochloromethane	11.129	129	94974	19.157	ug/l		99
61) 1,2-Dibromoethane	11.233	107	84500	19.543	ug/l		96
64) Tetrachloroethene	10.861	164	88528	21.335	ug/l		88
65) Chlorobenzene	11.659	112	312387	20.684	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.726	131	94205	20.155	ug/l		98
67) Ethyl Benzene	11.726	91	536421	20.528	ug/l		100
68) m/p-Xylenes	11.836	106	410106	41.799	ug/l		98
69) o-Xylene	12.165	106	187804	19.991	ug/l		97
70) Styrene	12.178	104	337079	20.858	ug/l		100
71) Bromoform	12.348	173	50121	18.105	ug/l	#	99
73) Isopropylbenzene	12.464	105	489968	20.711	ug/l		100
74) N-amyl acetate	12.269	43	152380	18.536	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	108555	19.335	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	79285m	17.951	ug/l		
77) Bromobenzene	12.745	156	117001	20.889	ug/l		98
78) n-propylbenzene	12.799	91	621805	21.583	ug/l		98
79) 2-Chlorotoluene	12.891	91	363914	20.692	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	409190	20.966	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	34259	17.766	ug/l		94
82) 4-Chlorotoluene	12.982	91	390845	21.367	ug/l		100
83) tert-Butylbenzene	13.202	119	359916	21.199	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	418744	21.094	ug/l		99
85) sec-Butylbenzene	13.379	105	533899	21.115	ug/l		99
86) p-Isopropyltoluene	13.494	119	442367	21.189	ug/l		99
87) 1,3-Dichlorobenzene	13.494	146	234557	22.087	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	226602	20.828	ug/l		98
89) n-Butylbenzene	13.818	91	428538	21.011	ug/l		99
90) Hexachloroethane	14.086	117	77763	20.659	ug/l		98
91) 1,2-Dichlorobenzene	13.866	146	194313	19.932	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	17241	17.826	ug/l		97
93) 1,2,4-Trichlorobenzene	15.122	180	127042	20.478	ug/l		100
94) Hexachlorobutadiene	15.226	225	54540	21.164	ug/l		92
95) Naphthalene	15.360	128	283464	18.323	ug/l		100
96) 1,2,3-Trichlorobenzene	15.543	180	108438	19.253	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032417.D
Acq On : 11 Nov 2025 10:00
Operator : SY/MD
Sample : VW1111SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 12 03:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

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

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

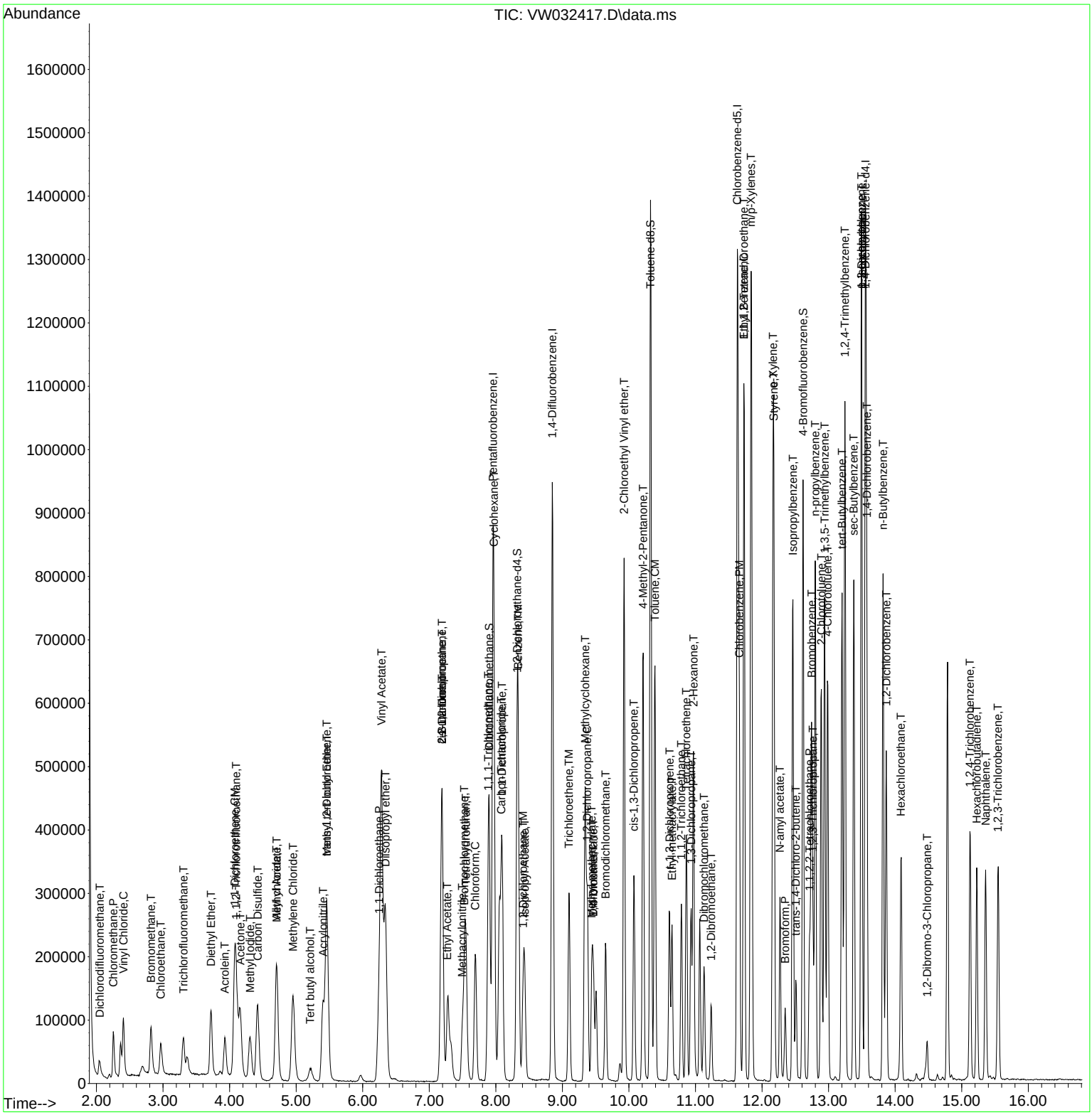
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032417.D
Acq On : 11 Nov 2025 10:00
Operator : SY/MD
Sample : VW1111SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 12 03:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025


Abundance
TIC: VW032417.D\data.ms
Time-->
Dichlorodifluoromethane,T
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane,T
Diethyl Ether,T
Acrolein,T
Acetone,T
Methyl Iodide,T
Carbon Disulfide,T
Methyl Acetate,T
Methylene Chloride,T
Tert butyl alcohol,T
Acrylonitrile,T
Vinyl Acetate,T
Ethyl Acetate,T
Methacrylonitrile,T
Chloroform,C
Cyclohexane,P
Carbon Tetrachloride,T
1,4-Difluorobenzene,I
Pentafluorobenzene,I
Trichloroethene,TM
Methylcyclohexane,T
Bromodichloromethane,T
2-Chloroethyl Vinyl ether,T
4-Methyl-2-Pentanone,T
Toluene,CM
Toluene-d8,S
cis-1,3-Dichloropropene,T
Ethyl Methacrylate,T
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,PM
Ethylbenzene,T
m/p-Xylenes,T
Styrene,T
o-Xylene,T
Isopropylbenzene,T
4-Bromofluorobenzene,S
Bromobenzene,T
n-propylbenzene,T
2-Chlorotoluene,T
1,3,5-Trimethylbenzene,T
4-Chlorotoluene,T
tert-Butylbenzene,T
1,2,4-Trimethylbenzene,T
sec-Butylbenzene,T
1,4-Dichlorobenzene,T
n-Butylbenzene,T
1,2-Dichlorobenzene,T
Hexachloroethane,T
1,2-Dibromo-3-Chloropropane,T
1,2,4-Trichlorobenzene,T
Naphthalene,T
1,2,3-Trichlorobenzene,T
N-amyl acetate,T
Bromoform,P
trans-1,4-Dichloro-2-butene,T
1,4-Dioxane,T
Dibromofluoromethane,S
Dibromofluoromethane-d4,S
1,1,1-Trichloroethane,S
1,2-Dichloroethane-d4,S
1,4-Difluorobenzene-d4,I
Chlorobenzene-d5,I
Ethylbenzene-d10,I
1,4-Dichlorobenzene-d4,I
Perylene-d12,I
1,2-Dichloroethane,T
Isobutyl Alcohol,T
Propionitrile,T
Methacrylonitrile,T
Isopropyl Ether,T
Ethyl Acetate,T
Methyl Methacrylate,T
Ethyl Methacrylate,T
Methyl Acrylate,T
Isopropanol,T
Allyl Chloride,T
Methyl Acrylate,T
Methyl Methacrylate,T
Ethyl Methacrylate,T
Methyl Acrylate,T
Isobutan

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	546007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	796865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230153	49.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.840%			
35) Dibromofluoromethane	7.634	113	251781	50.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.109	98	950745	51.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.408	95	310594	51.774	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	75861	21.166	ug/l	96
3) Chloromethane	2.074	50	95473	19.035	ug/l	98
4) Vinyl Chloride	2.208	62	125898	19.291	ug/l	99
5) Bromomethane	2.592	94	110591	20.145	ug/l	98
6) Chloroethane	2.739	64	86569	19.192	ug/l	99
7) Trichlorofluoromethane	3.062	101	193065	21.004	ug/l	99
8) Diethyl Ether	3.458	74	51199	20.771	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	103910	20.518	ug/l	99
10) Methyl Iodide	4.007	142	104268	17.436	ug/l	100
11) Tert butyl alcohol	4.854	59	32054	106.733	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96315	19.743	ug/l	94
13) Acrolein	3.659	56	32635	84.546	ug/l	95
14) Allyl chloride	4.385	41	116750	19.662	ug/l	99
15) Acrylonitrile	5.061	53	95226	101.091	ug/l	98
16) Acetone	3.866	43	131027	113.177	ug/l	96
17) Carbon Disulfide	4.110	76	295046	19.705	ug/l	100
18) Methyl Acetate	4.391	43	39801	15.586	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	223019	19.715	ug/l	99
20) Methylene Chloride	4.622	84	112698	20.165	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108183	19.668	ug/l	98
22) Diisopropyl ether	6.018	45	268058	20.260	ug/l	92
23) Vinyl Acetate	5.964	43	743253	105.267	ug/l	99
24) 1,1-Dichloroethane	5.915	63	175299	19.888	ug/l	99
25) 2-Butanone	6.896	43	143833	107.456	ug/l	99
26) 2,2-Dichloropropane	6.890	77	160319	19.773	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	123095	19.595	ug/l	100
28) Bromochloromethane	7.250	49	68160	20.196	ug/l	99
29) Tetrahydrofuran	7.262	42	70757	99.258	ug/l	100
30) Chloroform	7.427	83	192666	19.591	ug/l	99
31) Cyclohexane	7.701	56	152164	19.823	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	176895	20.125	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136108	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	55113	21.394	ug/l	96
38) Carbon Tetrachloride	7.823	117	160196	20.432	ug/l	98
39) Methylcyclohexane	9.109	83	170328	20.032	ug/l	98
40) Benzene	8.079	78	422366	20.136	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	26488	18.837	ug/l		93
42) 1,2-Dichloroethane	8.158	62	107624	20.281	ug/l		98
43) Isopropyl Acetate	8.195	43	98243	20.297	ug/l		98
44) Trichloroethene	8.866	130	121333	20.140	ug/l		100
45) 1,2-Dichloropropane	9.140	63	91399	19.744	ug/l		100
46) Dibromomethane	9.231	93	56733	19.779	ug/l		99
47) Bromodichloromethane	9.426	83	146486	20.256	ug/l		98
48) Methyl methacrylate	9.225	41	42932	18.774	ug/l		93
49) 1,4-Dioxane	9.231	88	11767	400.867	ug/l	#	96
51) 4-Methyl-2-Pentanone	9.999	43	266672	103.601	ug/l		99
52) Toluene	10.170	92	275871	20.601	ug/l		97
53) t-1,3-Dichloropropene	10.396	75	121908	19.923	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	146970	20.047	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	75882	19.796	ug/l		98
56) Ethyl methacrylate	10.438	69	85323	20.203	ug/l		99
57) 1,3-Dichloropropane	10.719	76	123192	20.262	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	192429	99.292	ug/l		100
59) 2-Hexanone	10.762	43	202789	107.985	ug/l		99
60) Dibromochloromethane	10.914	129	105980	20.122	ug/l		100
61) 1,2-Dibromoethane	11.018	107	72340	20.109	ug/l		99
64) Tetrachloroethene	10.646	164	144882	20.002	ug/l		95
65) Chlorobenzene	11.444	112	300999	19.868	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	105628	19.717	ug/l		98
67) Ethyl Benzene	11.518	91	495224	20.197	ug/l		97
68) m/p-Xylenes	11.627	106	401550	40.988	ug/l		100
69) o-Xylene	11.956	106	179658	19.839	ug/l		99
70) Styrene	11.969	104	300983	20.144	ug/l		100
71) Bromoform	12.133	173	63763	20.379	ug/l	#	99
73) Isopropylbenzene	12.255	105	475092	19.830	ug/l		100
74) N-amyl acetate	12.072	43	78890	19.449	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75530	19.739	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	59053m	20.369	ug/l		
77) Bromobenzene	12.536	156	121816	19.601	ug/l		98
78) n-propylbenzene	12.597	91	562853	19.972	ug/l		99
79) 2-Chlorotoluene	12.682	91	322130	19.698	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	392909	20.184	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	25027	19.509	ug/l		99
82) 4-Chlorotoluene	12.779	91	338093	20.047	ug/l		100
83) tert-Butylbenzene	12.999	119	342262	19.305	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	390413	20.249	ug/l		100
85) sec-Butylbenzene	13.176	105	516942	20.215	ug/l		100
86) p-Isopropyltoluene	13.292	119	432225	19.966	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	236767	19.357	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	235098	19.566	ug/l		99
89) n-Butylbenzene	13.621	91	370888	19.703	ug/l		100
90) Hexachloroethane	13.883	117	90499	19.454	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	206816	19.620	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10802	18.334	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	112897	18.724	ug/l		100
94) Hexachlorobutadiene	15.023	225	74687	18.905	ug/l		98
95) Naphthalene	15.145	128	164618	19.235	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	95857	19.028	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

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

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

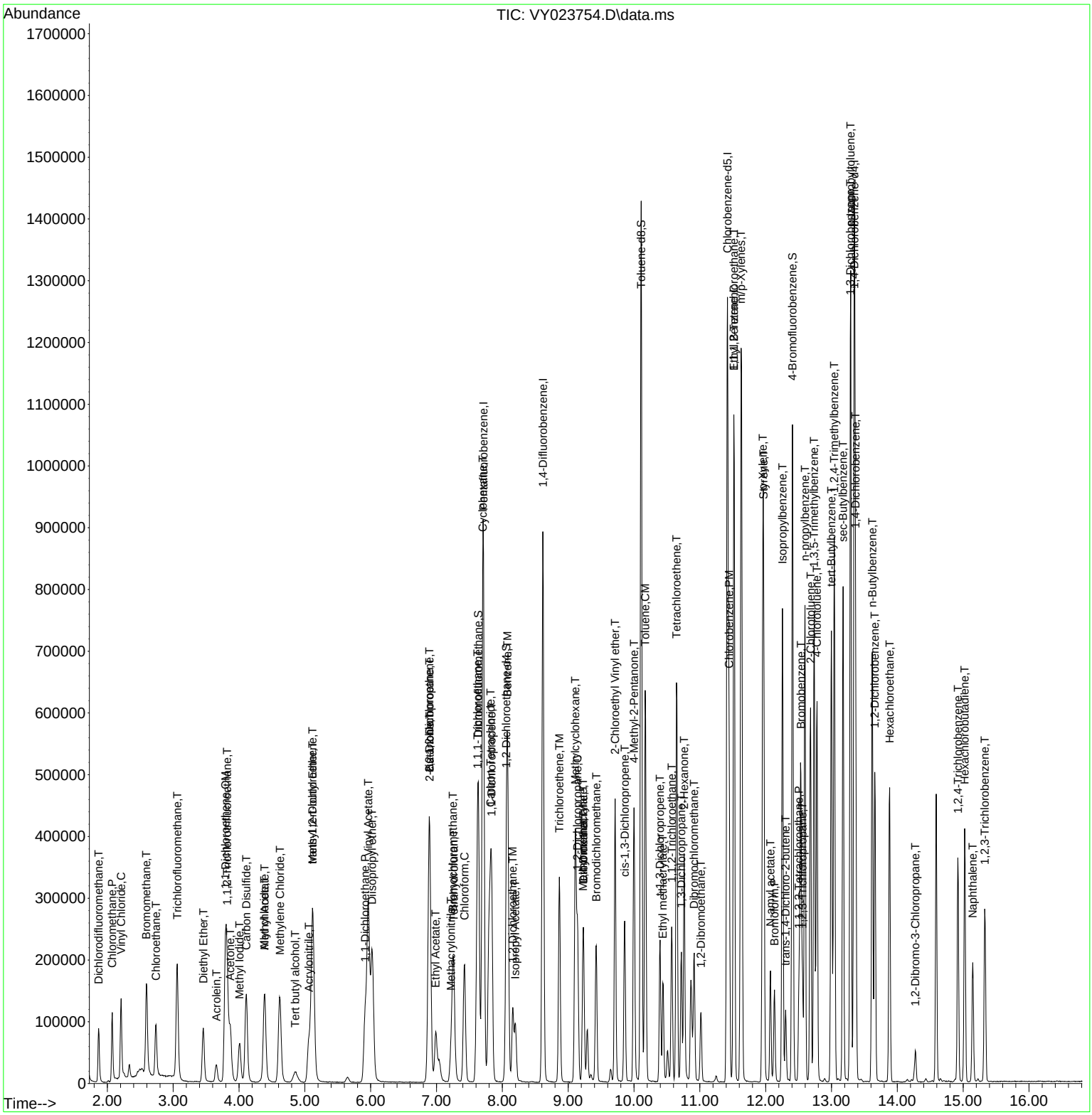
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032418.D
Acq On : 11 Nov 2025 10:21
Operator : SY/MD
Sample : VW1111SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 03:44:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	419398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	800811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	702782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	321153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	273700	50.619	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.240%			
35) Dibromofluoromethane	7.904	113	226016	47.139	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 94.280%			
50) Toluene-d8	10.325	98	883581	48.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.080%			
62) 4-Bromofluorobenzene	12.617	95	324060	46.638	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 93.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	36690	17.243	ug/l	98
3) Chloromethane	2.253	50	74732	20.490	ug/l	100
4) Vinyl Chloride	2.405	62	93282	20.265	ug/l	98
5) Bromomethane	2.814	94	64959	21.097	ug/l	93
6) Chloroethane	2.966	64	61667	20.477	ug/l	96
7) Trichlorofluoromethane	3.301	101	72929	20.208	ug/l	99
8) Diethyl Ether	3.722	74	60006	20.337	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	78883	20.065	ug/l	99
10) Methyl Iodide	4.307	142	130307	20.579	ug/l	98
11) Tert butyl alcohol	5.216	59	46510	99.477	ug/l	99
12) 1,1-Dichloroethene	4.076	96	91532	20.305	ug/l	98
13) Acrolein	3.936	56	83157	106.006	ug/l	100
14) Allyl chloride	4.710	41	177040	20.422	ug/l	98
15) Acrylonitrile	5.405	53	170008	99.653	ug/l	98
16) Acetone	4.161	43	182602	112.881	ug/l	99
17) Carbon Disulfide	4.417	76	273905	20.558	ug/l	97
18) Methyl Acetate	4.710	43	79050	19.734	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	197454	20.779	ug/l	99
20) Methylene Chloride	4.954	84	112776	19.494	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	105086	20.387	ug/l	98
22) Diisopropyl ether	6.338	45	375229	21.259	ug/l	96
23) Vinyl Acetate	6.283	43	1261647	104.330	ug/l	97
24) 1,1-Dichloroethane	6.252	63	198973	20.576	ug/l	99
25) 2-Butanone	7.197	43	253333	106.299	ug/l	99
26) 2,2-Dichloropropane	7.191	77	108403	20.114	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	125703	20.409	ug/l	98
28) Bromochloromethane	7.532	49	93614	20.482	ug/l	99
29) Tetrahydrofuran	7.551	42	153863	101.718	ug/l	99
30) Chloroform	7.697	83	198684	20.988	ug/l	99
31) Cyclohexane	7.971	56	178622	19.968	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	141908	20.984	ug/l	98
36) 1,1-Dichloropropene	8.099	75	140998	19.959	ug/l	99
37) Ethyl Acetate	7.276	43	100549	19.141	ug/l	99
38) Carbon Tetrachloride	8.081	117	124977	19.910	ug/l	91
39) Methylcyclohexane	9.343	83	177867	19.435	ug/l	96
40) Benzene	8.337	78	448366	19.708	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032418.D
Acq On : 11 Nov 2025 10:21
Operator : SY/MD
Sample : VW1111SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 03:44:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	59648	20.670	ug/l		95
42) 1,2-Dichloroethane	8.410	62	133173	19.929	ug/l		99
43) Isopropyl Acetate	8.435	43	184803	19.868	ug/l		100
44) Trichloroethene	9.099	130	103283	19.510	ug/l		99
45) 1,2-Dichloropropane	9.380	63	111670	19.713	ug/l		99
46) Dibromomethane	9.465	93	65788	19.874	ug/l		96
47) Bromodichloromethane	9.654	83	151191	20.022	ug/l		98
48) Methyl methacrylate	9.441	41	82916	18.759	ug/l		95
49) 1,4-Dioxane	9.471	88	17159	370.018	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.215	43	516256	100.397	ug/l		100
52) Toluene	10.392	92	277679	19.760	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	150828	19.395	ug/l		95
54) cis-1,3-Dichloropropene	10.081	75	174953	19.454	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	91425	20.132	ug/l		94
56) Ethyl methacrylate	10.648	69	133070	19.098	ug/l		99
57) 1,3-Dichloropropane	10.934	76	162811	20.073	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	374443	100.910	ug/l		100
59) 2-Hexanone	10.971	43	379060	100.756	ug/l		99
60) Dibromochloromethane	11.129	129	99792	19.678	ug/l		99
61) 1,2-Dibromoethane	11.239	107	87650	19.817	ug/l		96
64) Tetrachloroethene	10.867	164	85265	20.488	ug/l		89
65) Chlorobenzene	11.654	112	297697	19.653	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.733	131	92643	19.762	ug/l		99
67) Ethyl Benzene	11.727	91	525915	20.066	ug/l		98
68) m/p-Xylenes	11.837	106	403624	41.016	ug/l		98
69) o-Xylene	12.166	106	188000	19.953	ug/l		100
70) Styrene	12.178	104	319683	19.723	ug/l		99
71) Bromoform	12.349	173	54244	19.536	ug/l	#	99
73) Isopropylbenzene	12.464	105	481887	20.430	ug/l		98
74) N-amyl acetate	12.269	43	164118	20.024	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	115575	20.647	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	84270m	19.137	ug/l		
77) Bromobenzene	12.745	156	109510	19.610	ug/l		92
78) n-propylbenzene	12.800	91	601404	20.937	ug/l		98
79) 2-Chlorotoluene	12.891	91	363834	20.749	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	398351	20.471	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	38164	19.850	ug/l		98
82) 4-Chlorotoluene	12.989	91	377160	20.680	ug/l		98
83) tert-Butylbenzene	13.202	119	342260	20.219	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	409387	20.685	ug/l		99
85) sec-Butylbenzene	13.379	105	502121	19.918	ug/l		100
86) p-Isopropyltoluene	13.495	119	417419	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	220539	20.829	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	223516	20.605	ug/l		98
89) n-Butylbenzene	13.818	91	412879	20.303	ug/l		99
90) Hexachloroethane	14.086	117	77624	20.684	ug/l		90
91) 1,2-Dichlorobenzene	13.867	146	203564	20.943	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	19683	20.411	ug/l		97
93) 1,2,4-Trichlorobenzene	15.129	180	123783	20.013	ug/l		95
94) Hexachlorobutadiene	15.226	225	54615	21.257	ug/l		97
95) Naphthalene	15.360	128	303247	19.660	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	113920	20.287	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032418.D
Acq On : 11 Nov 2025 10:21
Operator : SY/MD
Sample : VW1111SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 03:44:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

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

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

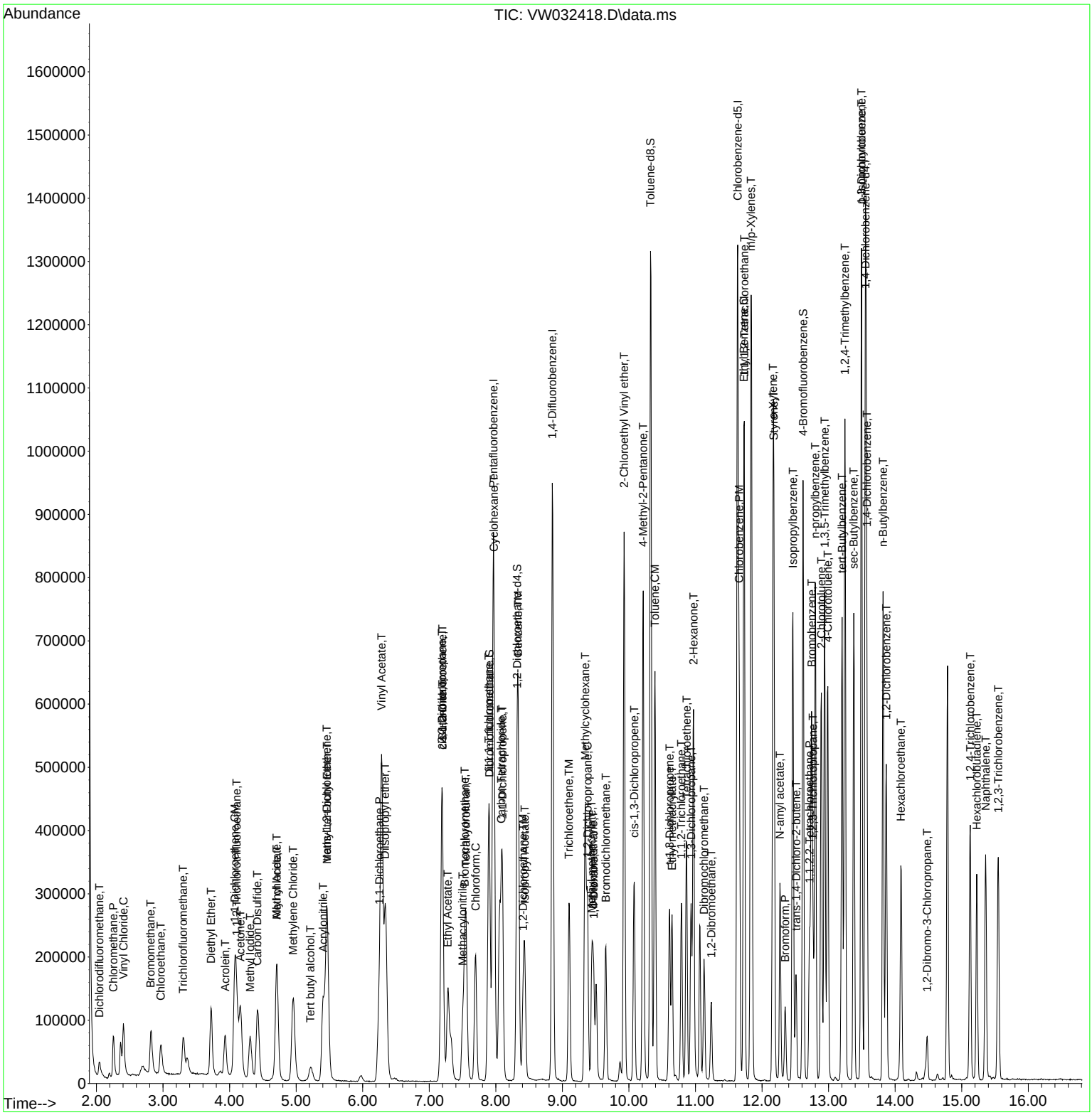
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032418.D
Acq On : 11 Nov 2025 10:21
Operator : SY/MD
Sample : VW1111SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 03:44:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



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

Manual Integration Report

Sequence:	VW111025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032406.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC005	VW032406.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC020	VW032408.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:39 AM	sam	11/11/2025 12:30:15 PM	Peak Integrated by Software
VSTDICCC050	VW032409.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:43 AM	sam	11/11/2025 12:29:38 PM	Peak Integrated by Software
VSTDICC100	VW032410.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:48 AM	sam	11/11/2025 12:30:21 PM	Peak Integrated by Software
VSTDICC150	VW032411.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:52 AM	sam	11/11/2025 12:29:30 PM	Peak Integrated by Software
VSTDICV050	VW032413.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:57 AM	sam	11/11/2025 12:29:34 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW111125	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032415.D	1,2,3-Trichloropropane	Amit	11/12/2025 3:51:57 PM	MMDadoda	11/12/2025 3:52:24 PM	Peak Integrated by Software
VW1111SBS01	VW032417.D	1,2,3-Trichloropropane	Amit	11/12/2025 3:52:00 PM	MMDadoda	11/12/2025 3:52:27 PM	Peak Integrated by Software
VW1111SBS01	VW032417.D	Tert butyl alcohol	Amit	11/12/2025 3:52:00 PM	MMDadoda	11/12/2025 3:52:27 PM	Peak Integrated by Software
VW1111SBSD01	VW032418.D	1,2,3-Trichloropropane	Amit	11/12/2025 3:52:04 PM	MMDadoda	11/12/2025 3:52:32 PM	Peak Integrated by Software
Q3586-01	VW032427.D	Tert butyl alcohol	Amit	11/12/2025 3:52:19 PM	MMDadoda	11/12/2025 3:53:27 PM	Peak Integrated by Software
VSTDCCC050	VW032435.D	1,2,3-Trichloropropane	Amit	11/12/2025 3:52:30 PM	MMDadoda	11/12/2025 3:53:39 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY110425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023661.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:41 PM	MMDadoda	11/5/2025 2:42:20 PM	Peak Integrated by Software
VSTDICC010	VY023662.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:45 PM	MMDadoda	11/5/2025 2:42:23 PM	Peak Integrated by Software
VSTDICC010	VY023662.D	Methacrylonitrile	Amit	11/5/2025 2:39:45 PM	MMDadoda	11/5/2025 2:42:23 PM	Peak Integrated by Software
VSTDICC020	VY023663.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:50 PM	MMDadoda	11/5/2025 2:42:26 PM	Peak Integrated by Software
VSTDICC020	VY023663.D	Methacrylonitrile	Amit	11/5/2025 2:39:50 PM	MMDadoda	11/5/2025 2:42:26 PM	Peak Integrated by Software
VSTDICCC050	VY023664.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:54 PM	MMDadoda	11/5/2025 2:42:29 PM	Peak Integrated by Software
VSTDICC100	VY023665.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:41:22 PM	MMDadoda	11/5/2025 2:42:32 PM	Peak Integrated by Software
VSTDICC150	VY023666.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:59 PM	MMDadoda	11/5/2025 2:42:36 PM	Peak Integrated by Software
VSTDICV050	VY023668.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:40:02 PM	MMDadoda	11/5/2025 2:42:40 PM	Peak Integrated by Software
VSTDCCC050	VY023677.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:41:12 PM	MMDadoda	11/5/2025 2:42:58 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY111225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023752.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:17 AM	MMDadoda	11/14/2025 10:52:53 AM	Peak Integrated by Software
VSTDCCC050	VY023752.D	Methacrylonitrile	Amit	11/14/2025 9:57:17 AM	MMDadoda	11/14/2025 10:52:53 AM	Peak Integrated by Software
VY1112SBS01	VY023754.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:20 AM	MMDadoda	11/14/2025 10:52:56 AM	Peak Integrated by Software
Q3586-01RE	VY023759.D	Acetone	Amit	11/14/2025 9:57:26 AM	MMDadoda	11/14/2025 10:53:03 AM	Peak Integrated by Software
VSTDCCC050	VY023772.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:30 AM	MMDadoda	11/14/2025 10:53:06 AM	Peak Integrated by Software
VSTDCCC050	VY023772.D	Methacrylonitrile	Amit	11/14/2025 9:57:30 AM	MMDadoda	11/14/2025 10:53:06 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136122
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136129
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032405.D	10 Nov 2025 14:20	SY/MD	Ok
2	VSTDICC005	VW032406.D	10 Nov 2025 15:11	SY/MD	Ok,M
3	VSTDICC010	VW032407.D	10 Nov 2025 15:33	SY/MD	Ok,M
4	VSTDICC020	VW032408.D	10 Nov 2025 15:55	SY/MD	Ok,M
5	VSTDICCC050	VW032409.D	10 Nov 2025 16:17	SY/MD	Ok,M
6	VSTDICC100	VW032410.D	10 Nov 2025 16:39	SY/MD	Ok,M
7	VSTDICC150	VW032411.D	10 Nov 2025 17:00	SY/MD	Ok,M
8	VIBLK	VW032412.D	10 Nov 2025 17:22	SY/MD	Ok
9	VSTDICV050	VW032413.D	10 Nov 2025 17:44	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_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111125

Review By	Amit Patel	Review On	11/13/2025 1:51:53 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/13/2025 1:52:16 PM				
SubDirectory	VW111125	HP Acquire Method	MSVOA_W		HP Processing Method	82w111025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136131
Initial Calibration Stds	
CCC	VP136134,VP136135,LOD VP136136,VP136137,LOQ VP136138
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	VW032414.D	11 Nov 2025 07:26	SY/MD	Ok
2	VSTDCCC050	VW032415.D	11 Nov 2025 08:31	SY/MD	Ok,M
3	VW1111SBL01	VW032416.D	11 Nov 2025 09:34	SY/MD	Ok
4	VW1111SBS01	VW032417.D	11 Nov 2025 10:00	SY/MD	Ok,M
5	VW1111SBSD01	VW032418.D	11 Nov 2025 10:21	SY/MD	Ok,M
6	Q3483-23	VW032419.D	11 Nov 2025 11:01	SY/MD	Not Ok
7	VIBLK	VW032420.D	11 Nov 2025 11:22	SY/MD	Ok
8	Q3483-23DL	VW032421.D	11 Nov 2025 11:44	SY/MD	Not Ok
9	Q3530-01	VW032422.D	11 Nov 2025 12:06	SY/MD	Ok,M
10	Q3530-01	VW032423.D	11 Nov 2025 12:28	SY/MD	Ok,M
11	Q3530-02	VW032424.D	11 Nov 2025 12:49	SY/MD	Ok,M
12	Q3583-04	VW032425.D	11 Nov 2025 13:11	SY/MD	Ok
13	Q3582-04	VW032426.D	11 Nov 2025 13:32	SY/MD	ReRun
14	Q3586-01	VW032427.D	11 Nov 2025 13:54	SY/MD	ReRun
15	Q3586-02	VW032428.D	11 Nov 2025 14:15	SY/MD	ReRun
16	Q3586-03	VW032429.D	11 Nov 2025 14:37	SY/MD	ReRun
17	Q3590-02	VW032430.D	11 Nov 2025 14:59	SY/MD	Dilution
18	Q3599-01	VW032431.D	11 Nov 2025 15:21	SY/MD	ReRun
19	Q3600-01	VW032432.D	11 Nov 2025 15:43	SY/MD	ReRun
20	Q3598-01	VW032433.D	11 Nov 2025 16:05	SY/MD	ReRun
21	VIBLK	VW032434.D	11 Nov 2025 16:27	SY/MD	Ok

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111125

Review By	Amit Patel	Review On	11/13/2025 1:51:53 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/13/2025 1:52:16 PM				
SubDirectory	VW111125	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136131
Initial Calibration Stds	
CCC	VP136134,VP136135,LOD VP136136,VP136137,LOQ VP136138
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VW032435.D	11 Nov 2025 16:49	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 # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM		
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023660.D	04 Nov 2025 08:11	SY/MD	Ok
2	VSTDICC005	VY023661.D	04 Nov 2025 09:19	SY/MD	Ok,M
3	VSTDICC010	VY023662.D	04 Nov 2025 09:42	SY/MD	Ok,M
4	VSTDICC020	VY023663.D	04 Nov 2025 10:19	SY/MD	Ok,M
5	VSTDICCC050	VY023664.D	04 Nov 2025 10:42	SY/MD	Ok,M
6	VSTDICC100	VY023665.D	04 Nov 2025 11:05	SY/MD	Ok,M
7	VSTDICC150	VY023666.D	04 Nov 2025 11:27	SY/MD	Ok,M
8	VIBLK	VY023667.D	04 Nov 2025 11:51	SY/MD	Ok
9	VSTDICV050	VY023668.D	04 Nov 2025 12:14	SY/MD	Ok,M
10	VY1104SBL01	VY023669.D	04 Nov 2025 12:37	SY/MD	Ok
11	VY1104SBS01	VY023670.D	04 Nov 2025 13:14	SY/MD	Ok,M
12	VY1104SBSD01	VY023671.D	04 Nov 2025 13:37	SY/MD	Ok,M
13	Q3530-01	VY023672.D	04 Nov 2025 14:08	SY/MD	Ok,M
14	Q3530-01	VY023673.D	04 Nov 2025 14:31	SY/MD	Ok,M
15	Q3530-02	VY023674.D	04 Nov 2025 14:53	SY/MD	Ok,M
16	Q3532-03	VY023675.D	04 Nov 2025 15:16	SY/MD	Ok
17	Q3532-07	VY023676.D	04 Nov 2025 15:40	SY/MD	Ok
18	VSTDCCC050	VY023677.D	04 Nov 2025 16:26	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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM		
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023751.D	12 Nov 2025 09:23	SY/MD	Ok
2	VSTDCCC050	VY023752.D	12 Nov 2025 10:01	SY/MD	Ok,M
3	VY1112SBL01	VY023753.D	12 Nov 2025 10:37	SY/MD	Ok
4	VY1112SBS01	VY023754.D	12 Nov 2025 11:04	SY/MD	Ok,M
5	VY1112SBSD01	VY023755.D	12 Nov 2025 11:27	SY/MD	Ok,M
6	Q3599-01	VY023756.D	12 Nov 2025 12:04	SY/MD	Ok,M
7	Q3598-01	VY023757.D	12 Nov 2025 12:27	SY/MD	Ok
8	Q3582-04RE	VY023758.D	12 Nov 2025 12:51	SY/MD	Confirms
9	Q3586-01RE	VY023759.D	12 Nov 2025 13:14	SY/MD	Confirms
10	Q3586-02RE	VY023760.D	12 Nov 2025 13:38	SY/MD	Confirms
11	Q3586-03	VY023761.D	12 Nov 2025 14:01	SY/MD	Ok
12	Q3600-01	VY023762.D	12 Nov 2025 14:24	SY/MD	Ok
13	Q3609-02	VY023763.D	12 Nov 2025 14:57	SY/MD	Ok
14	Q3609-05	VY023764.D	12 Nov 2025 15:21	SY/MD	Ok
15	Q3609-08	VY023765.D	12 Nov 2025 15:44	SY/MD	Ok
16	Q3609-11	VY023766.D	12 Nov 2025 16:08	SY/MD	Ok
17	Q3609-14	VY023767.D	12 Nov 2025 16:31	SY/MD	Ok
18	Q3614-01	VY023768.D	12 Nov 2025 16:55	SY/MD	Ok
19	Q3614-02	VY023769.D	12 Nov 2025 17:18	SY/MD	Ok
20	Q3614-03	VY023770.D	12 Nov 2025 17:42	SY/MD	Ok
21	VIBLK	VY023771.D	12 Nov 2025 18:05	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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM				
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY023772.D	12 Nov 2025 18:28	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_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136122
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136129
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032405.D	10 Nov 2025 14:20		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032406.D	10 Nov 2025 15:11		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032407.D	10 Nov 2025 15:33		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032408.D	10 Nov 2025 15:55		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032409.D	10 Nov 2025 16:17		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032410.D	10 Nov 2025 16:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032411.D	10 Nov 2025 17:00		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032412.D	10 Nov 2025 17:22		SY/MD	Ok
9	VSTDICV050	ICVVW111025	VW032413.D	10 Nov 2025 17:44		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_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111125

Review By	Amit Patel	Review On	11/13/2025 1:51:53 PM			
Supervise By	Mahesh Dadoda	Supervise On	11/13/2025 1:52:16 PM			
SubDirectory	VW111125	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136131
Initial Calibration Stds	
CCC	VP136134,VP136135,LOD VP136136,VP136137,LOQ VP136138
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	VW032414.D	11 Nov 2025 07:26		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032415.D	11 Nov 2025 08:31		SY/MD	Ok,M
3	VW1111SBL01	VW1111SBL01	VW032416.D	11 Nov 2025 09:34		SY/MD	Ok
4	VW1111SBS01	VW1111SBS01	VW032417.D	11 Nov 2025 10:00		SY/MD	Ok,M
5	VW1111SBSD01	VW1111SBSD01	VW032418.D	11 Nov 2025 10:21		SY/MD	Ok,M
6	Q3483-23	HW1025-PT-VOA-SOIL	VW032419.D	11 Nov 2025 11:01	Need 4X;Already analyzed	SY/MD	Not Ok
7	VIBLK	VIBLK	VW032420.D	11 Nov 2025 11:22		SY/MD	Ok
8	Q3483-23DL	HW1025-PT-VOA-SOIL	VW032421.D	11 Nov 2025 11:44	Already analyzed	SY/MD	Not Ok
9	Q3530-01	LOD-MDL-SOIL-01-QT	VW032422.D	11 Nov 2025 12:06		SY/MD	Ok,M
10	Q3530-01	LOD-MDL-SOIL-01-QT	VW032423.D	11 Nov 2025 12:28		SY/MD	Ok,M
11	Q3530-02	LOQ-SOIL-02-QT4-202	VW032424.D	11 Nov 2025 12:49		SY/MD	Ok,M
12	Q3583-04	CHRT27080	VW032425.D	11 Nov 2025 13:11	vial-A	SY/MD	Ok
13	Q3582-04	RT4912	VW032426.D	11 Nov 2025 13:32	vial-A Internal Standard Fail	SY/MD	ReRun
14	Q3586-01	SED-1	VW032427.D	11 Nov 2025 13:54	vial-A Surrogate Fail	SY/MD	ReRun
15	Q3586-02	SED-2	VW032428.D	11 Nov 2025 14:15	vial-A Surrogate Fail	SY/MD	ReRun
16	Q3586-03	SED-3	VW032429.D	11 Nov 2025 14:37	vial-A Surrogate Fail	SY/MD	ReRun
17	Q3590-02	MOO-25-0314-0316-CC	VW032430.D	11 Nov 2025 14:59	vial-A Internal Standard Fail;Need MeOH	SY/MD	Dilution

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW111125

Review By	Amit Patel	Review On	11/13/2025 1:51:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/13/2025 1:52:16 PM		
SubDirectory	VW111125	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136131
Initial Calibration Stds	
CCC	VP136134,VP136135,LOD VP136136,VP136137,LOQ VP136138
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3599-01	LIVINGSTON-SOIL	VW032431.D	11 Nov 2025 15:21	vial-A Surrogate Fail	SY/MD	ReRun
19	Q3600-01	CENTRAL-ROW-CONC	VW032432.D	11 Nov 2025 15:43	vial-A Surrogate Fail	SY/MD	ReRun
20	Q3598-01	EO-CONCRETE	VW032433.D	11 Nov 2025 16:05	vial-A Surrogate Fail	SY/MD	ReRun
21	VIBLK	VIBLK	VW032434.D	11 Nov 2025 16:27		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VW032435.D	11 Nov 2025 16:49		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 # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM		
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023660.D	04 Nov 2025 08:11		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023661.D	04 Nov 2025 09:19		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023662.D	04 Nov 2025 09:42		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023663.D	04 Nov 2025 10:19		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023664.D	04 Nov 2025 10:42	Comp. #95 on Linear Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023665.D	04 Nov 2025 11:05		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023666.D	04 Nov 2025 11:27		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023667.D	04 Nov 2025 11:51		SY/MD	Ok
9	VSTDICV050	ICVVY110425	VY023668.D	04 Nov 2025 12:14		SY/MD	Ok,M
10	VY1104SBL01	VY1104SBL01	VY023669.D	04 Nov 2025 12:37		SY/MD	Ok
11	VY1104SBS01	VY1104SBS01	VY023670.D	04 Nov 2025 13:14		SY/MD	Ok,M
12	VY1104SBSD01	VY1104SBSD01	VY023671.D	04 Nov 2025 13:37		SY/MD	Ok,M
13	Q3530-01	LOD-MDL-SOIL-01-QT	VY023672.D	04 Nov 2025 14:08		SY/MD	Ok,M
14	Q3530-01	LOD-MDL-SOIL-01-QT	VY023673.D	04 Nov 2025 14:31		SY/MD	Ok,M
15	Q3530-02	LOQ-SOIL-02-QT4-202	VY023674.D	04 Nov 2025 14:53		SY/MD	Ok,M
16	Q3532-03	TP-1-VOC	VY023675.D	04 Nov 2025 15:16	vial-A	SY/MD	Ok
17	Q3532-07	TP-2-VOC	VY023676.D	04 Nov 2025 15:40	vial-A	SY/MD	Ok
18	VSTDCCC050	VSTDCCC050EC	VY023677.D	04 Nov 2025 16:26		SY/MD	Ok,M

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 # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM		
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM		
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023751.D	12 Nov 2025 09:23		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023752.D	12 Nov 2025 10:01		SY/MD	Ok,M
3	VY1112SBL01	VY1112SBL01	VY023753.D	12 Nov 2025 10:37		SY/MD	Ok
4	VY1112SBS01	VY1112SBS01	VY023754.D	12 Nov 2025 11:04		SY/MD	Ok,M
5	VY1112SBSD01	VY1112SBSD01	VY023755.D	12 Nov 2025 11:27		SY/MD	Ok,M
6	Q3599-01	LIVINGSTON-SOIL	VY023756.D	12 Nov 2025 12:04	vial-B	SY/MD	Ok,M
7	Q3598-01	EO-CONCRETE	VY023757.D	12 Nov 2025 12:27	vial-B	SY/MD	Ok
8	Q3582-04RE	RT4912RE	VY023758.D	12 Nov 2025 12:51	vial-B Surrogate Fail;Internal Standard Fail	SY/MD	Confirms
9	Q3586-01RE	SED-1RE	VY023759.D	12 Nov 2025 13:14	vial-B Internal Standard Fail	SY/MD	Confirms
10	Q3586-02RE	SED-2RE	VY023760.D	12 Nov 2025 13:38	vial-B Surrogate Fail;Internal Standard Fail	SY/MD	Confirms
11	Q3586-03	SED-3	VY023761.D	12 Nov 2025 14:01	vial-B	SY/MD	Ok
12	Q3600-01	CENTRAL-ROW-CONC	VY023762.D	12 Nov 2025 14:24	vial-B	SY/MD	Ok
13	Q3609-02	AU-713-VOC-01	VY023763.D	12 Nov 2025 14:57	vial-A	SY/MD	Ok
14	Q3609-05	AU-713-VOC-02	VY023764.D	12 Nov 2025 15:21	vial-A	SY/MD	Ok
15	Q3609-08	AU-713-VOC-03	VY023765.D	12 Nov 2025 15:44	vial-A	SY/MD	Ok
16	Q3609-11	AU-713-VOC-04	VY023766.D	12 Nov 2025 16:08	vial-A	SY/MD	Ok
17	Q3609-14	AU-713-VOC-05	VY023767.D	12 Nov 2025 16:31	vial-A	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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM		
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3614-01	COMP-1	VY023768.D	12 Nov 2025 16:55	vial-A	SY/MD	Ok
19	Q3614-02	COMP-2	VY023769.D	12 Nov 2025 17:18	vial-A	SY/MD	Ok
20	Q3614-03	COMP-3	VY023770.D	12 Nov 2025 17:42	vial-A	SY/MD	Ok
21	VIBLK	VIBLK	VY023771.D	12 Nov 2025 18:05		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY023772.D	12 Nov 2025 18:28		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:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260D			11/11/25	
Q3586-01RE	**SED-1RE**	**SOIL**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260D			11/12/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260D			11/11/25	
Q3586-02RE	**SED-2RE**	**SOIL**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260D			11/12/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260D			11/12/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SED-1									
Q3586-01	SED-1	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	Butyl tetracosyl ether	*	250.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	n-Hexadecanoic acid	*	360.000	J	0	0	ug/Kg
			Total Tics :		**950.00**				
			Total Concentration:		**950.00**				
Client ID : SED-2									
Q3586-02	SED-2	SOIL	Bis(2-ethylhexyl)phthalate		270.000	J	140	410	ug/Kg
			Total Svoc :		**270.00**				
Q3586-02	SED-2	SOIL	1-Tricosene	*	270.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Benzophenone	*	910.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane, 11-butyl-	*	1,200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	n-Hexadecanoic acid	*	490.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Octadecane	*	200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Tetracosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Triacontane	*	460.000	J	0	0	ug/Kg
			Total Tics :		**4,010.00**				
			Total Concentration:		**4,280.00**				
Client ID : SED-3									
Q3586-03	SED-3	SOIL	Bis(2-ethylhexyl)phthalate		200.000	J	120	330	ug/Kg
			Total Svoc :		**200.00**				
Q3586-03	SED-3	SOIL	n-Hexadecanoic acid	*	640.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Octadecanoic acid	*	130.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	1-Heneicosyl formate	*	350.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Benzophenone	*	420.000	J	0	0	ug/Kg
			Total Tics :		**1,540.00**				
			Total Concentration:		**1,740.00**				

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	11/11/25 14:09	PB170478
108-95-2	Phenol	35.1	U	1	35.1	270	ug/Kg	11/11/25 14:09	PB170478
111-44-4	bis(2-Chloroethyl)ether	38.6	U	1	38.6	270	ug/Kg	11/11/25 14:09	PB170478
95-57-8	2-Chlorophenol	38.8	U	1	38.8	270	ug/Kg	11/11/25 14:09	PB170478
95-48-7	2-Methylphenol	47.5	U	1	47.5	270	ug/Kg	11/11/25 14:09	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	1	59.6	270	ug/Kg	11/11/25 14:09	PB170478
98-86-2	Acetophenone	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
65794-96-9	3+4-Methylphenols	65.3	U	1	65.3	520	ug/Kg	11/11/25 14:09	PB170478
621-64-7	n-Nitroso-di-n-propylamine	75.3	U	1	75.3	130	ug/Kg	11/11/25 14:09	PB170478
67-72-1	Hexachloroethane	28.0	U	1	28.0	270	ug/Kg	11/11/25 14:09	PB170478
98-95-3	Nitrobenzene	29.1	U	1	29.1	270	ug/Kg	11/11/25 14:09	PB170478
78-59-1	Isophorone	52.1	U	1	52.1	270	ug/Kg	11/11/25 14:09	PB170478
88-75-5	2-Nitrophenol	92.5	U	1	92.5	270	ug/Kg	11/11/25 14:09	PB170478
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
111-91-1	bis(2-Chloroethoxy)methane	49.0	U	1	49.0	270	ug/Kg	11/11/25 14:09	PB170478
120-83-2	2,4-Dichlorophenol	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
91-20-3	Naphthalene	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
106-47-8	4-Chloroaniline	56.3	UQ	1	56.3	270	ug/Kg	11/11/25 14:09	PB170478
87-68-3	Hexachlorobutadiene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
105-60-2	Caprolactam	82.8	U	1	82.8	520	ug/Kg	11/11/25 14:09	PB170478
59-50-7	4-Chloro-3-methylphenol	45.6	U	1	45.6	270	ug/Kg	11/11/25 14:09	PB170478
91-57-6	2-Methylnaphthalene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	11/11/25 14:09	PB170478
88-06-2	2,4,6-Trichlorophenol	31.5	U	1	31.5	270	ug/Kg	11/11/25 14:09	PB170478
95-95-4	2,4,5-Trichlorophenol	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
92-52-4	1,1-Biphenyl	34.6	U	1	34.6	270	ug/Kg	11/11/25 14:09	PB170478
91-58-7	2-Chloronaphthalene	35.8	U	1	35.8	270	ug/Kg	11/11/25 14:09	PB170478
88-74-4	2-Nitroaniline	76.4	U	1	76.4	270	ug/Kg	11/11/25 14:09	PB170478
131-11-3	Dimethylphthalate	43.1	U	1	43.1	270	ug/Kg	11/11/25 14:09	PB170478
208-96-8	Acenaphthylene	45.9	U	1	45.9	270	ug/Kg	11/11/25 14:09	PB170478
606-20-2	2,6-Dinitrotoluene	53.4	U	1	53.4	270	ug/Kg	11/11/25 14:09	PB170478
99-09-2	3-Nitroaniline	73.1	UQ	1	73.1	270	ug/Kg	11/11/25 14:09	PB170478
83-32-9	Acenaphthene	33.9	U	1	33.9	270	ug/Kg	11/11/25 14:09	PB170478
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	11/11/25 14:09	PB170478
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	11/11/25 14:09	PB170478
132-64-9	Dibenzofuran	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
121-14-2	2,4-Dinitrotoluene	79.6	U	1	79.6	270	ug/Kg	11/11/25 14:09	PB170478
84-66-2	Diethylphthalate	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
7005-72-3	4-Chlorophenyl-phenylether	42.4	U	1	42.4	270	ug/Kg	11/11/25 14:09	PB170478
86-73-7	Fluorene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	11/11/25 14:09	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.3	U	1	52.3	270	ug/Kg	11/11/25 14:09	PB170478
101-55-3	4-Bromophenyl-phenylether	44.2	U	1	44.2	270	ug/Kg	11/11/25 14:09	PB170478
118-74-1	Hexachlorobenzene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
1912-24-9	Atrazine	54.0	U	1	54.0	270	ug/Kg	11/11/25 14:09	PB170478
87-86-5	Pentachlorophenol	81.5	U	1	81.5	520	ug/Kg	11/11/25 14:09	PB170478
85-01-8	Phenanthrene	33.2	U	1	33.2	270	ug/Kg	11/11/25 14:09	PB170478
120-12-7	Anthracene	52.9	U	1	52.9	270	ug/Kg	11/11/25 14:09	PB170478
86-74-8	Carbazole	49.6	U	1	49.6	270	ug/Kg	11/11/25 14:09	PB170478
84-74-2	Di-n-butylphthalate	76.1	U	1	76.1	270	ug/Kg	11/11/25 14:09	PB170478
206-44-0	Fluoranthene	47.7	U	1	47.7	270	ug/Kg	11/11/25 14:09	PB170478
129-00-0	Pyrene	57.2	U	1	57.2	270	ug/Kg	11/11/25 14:09	PB170478
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	11/11/25 14:09	PB170478
91-94-1	3,3-Dichlorobenzidine	58.3	U	1	58.3	520	ug/Kg	11/11/25 14:09	PB170478
56-55-3	Benzo(a)anthracene	36.6	U	1	36.6	270	ug/Kg	11/11/25 14:09	PB170478
218-01-9	Chrysene	31.6	U	1	31.6	270	ug/Kg	11/11/25 14:09	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	94.1	U	1	94.1	270	ug/Kg	11/11/25 14:09	PB170478
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	11/11/25 14:09	PB170478
205-99-2	Benzo(b)fluoranthene	30.2	U	1	30.2	270	ug/Kg	11/11/25 14:09	PB170478
207-08-9	Benzo(k)fluoranthene	35.6	U	1	35.6	270	ug/Kg	11/11/25 14:09	PB170478
50-32-8	Benzo(a)pyrene	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
53-70-3	Dibenzo(a,h)anthracene	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
191-24-2	Benzo(g,h,i)perylene	40.8	U	1	40.8	270	ug/Kg	11/11/25 14:09	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
123-91-1	1,4-Dioxane	71.8	U	1	71.8	270	ug/Kg	11/11/25 14:09	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	118			30 (10) - 130 (105)	78%	SPK: 150		
13127-88-3	Phenol-d6	120			30 (10) - 130 (103)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.3			30 (10) - 130 (108)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.3			30 (10) - 130 (108)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	70.3			30 (10) - 130 (109)	70%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	66900							
1146-65-2	Naphthalene-d8	249000							
15067-26-2	Acenaphthene-d10	133000							
1517-22-2	Phenanthrene-d10	221000							
1719-03-5	Chrysene-d12	168000							
1520-96-3	Perylene-d12	214000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	340	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	360	J			11.9	ug/Kg		

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
1000406-40-9	Butyl tetracosyl ether	250	J			13.9	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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	380	U	1	380	800	ug/Kg	11/11/25 20:18	PB170478
108-95-2	Phenol	53.3	U	1	53.3	410	ug/Kg	11/11/25 20:18	PB170478
111-44-4	bis(2-Chloroethyl)ether	58.6	U	1	58.6	410	ug/Kg	11/11/25 20:18	PB170478
95-57-8	2-Chlorophenol	58.8	U	1	58.8	410	ug/Kg	11/11/25 20:18	PB170478
95-48-7	2-Methylphenol	72.1	U	1	72.1	410	ug/Kg	11/11/25 20:18	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	90.4	U	1	90.4	410	ug/Kg	11/11/25 20:18	PB170478
98-86-2	Acetophenone	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
65794-96-9	3+4-Methylphenols	99.1	U	1	99.1	800	ug/Kg	11/11/25 20:18	PB170478
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	110	190	ug/Kg	11/11/25 20:18	PB170478
67-72-1	Hexachloroethane	42.4	U	1	42.4	410	ug/Kg	11/11/25 20:18	PB170478
98-95-3	Nitrobenzene	44.1	U	1	44.1	410	ug/Kg	11/11/25 20:18	PB170478
78-59-1	Isophorone	79.1	U	1	79.1	410	ug/Kg	11/11/25 20:18	PB170478
88-75-5	2-Nitrophenol	140	U	1	140	410	ug/Kg	11/11/25 20:18	PB170478
105-67-9	2,4-Dimethylphenol	160	U	1	160	410	ug/Kg	11/11/25 20:18	PB170478
111-91-1	bis(2-Chloroethoxy)methane	74.2	U	1	74.2	410	ug/Kg	11/11/25 20:18	PB170478
120-83-2	2,4-Dichlorophenol	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
91-20-3	Naphthalene	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
106-47-8	4-Chloroaniline	85.3	UQ	1	85.3	410	ug/Kg	11/11/25 20:18	PB170478
87-68-3	Hexachlorobutadiene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
105-60-2	Caprolactam	130	U	1	130	800	ug/Kg	11/11/25 20:18	PB170478
59-50-7	4-Chloro-3-methylphenol	69.2	U	1	69.2	410	ug/Kg	11/11/25 20:18	PB170478
91-57-6	2-Methylnaphthalene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
77-47-4	Hexachlorocyclopentadiene	280	U	1	280	800	ug/Kg	11/11/25 20:18	PB170478
88-06-2	2,4,6-Trichlorophenol	47.7	U	1	47.7	410	ug/Kg	11/11/25 20:18	PB170478
95-95-4	2,4,5-Trichlorophenol	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
92-52-4	1,1-Biphenyl	52.6	U	1	52.6	410	ug/Kg	11/11/25 20:18	PB170478
91-58-7	2-Chloronaphthalene	54.2	U	1	54.2	410	ug/Kg	11/11/25 20:18	PB170478
88-74-4	2-Nitroaniline	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
131-11-3	Dimethylphthalate	65.3	U	1	65.3	410	ug/Kg	11/11/25 20:18	PB170478
208-96-8	Acenaphthylene	69.7	U	1	69.7	410	ug/Kg	11/11/25 20:18	PB170478
606-20-2	2,6-Dinitrotoluene	81.0	U	1	81.0	410	ug/Kg	11/11/25 20:18	PB170478
99-09-2	3-Nitroaniline	110	UQ	1	110	410	ug/Kg	11/11/25 20:18	PB170478
83-32-9	Acenaphthene	51.3	U	1	51.3	410	ug/Kg	11/11/25 20:18	PB170478
51-28-5	2,4-Dinitrophenol	550	U	1	550	800	ug/Kg	11/11/25 20:18	PB170478
100-02-7	4-Nitrophenol	260	U	1	260	800	ug/Kg	11/11/25 20:18	PB170478
132-64-9	Dibenzofuran	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
121-14-2	2,4-Dinitrotoluene	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
84-66-2	Diethylphthalate	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
7005-72-3	4-Chlorophenyl-phenylether	64.4	U	1	64.4	410	ug/Kg	11/11/25 20:18	PB170478
86-73-7	Fluorene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
100-01-6	4-Nitroaniline	150	U	1	150	410	ug/Kg	11/11/25 20:18	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	250	U	1	250	800	ug/Kg	11/11/25 20:18	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	79.3	U	1	79.3	410	ug/Kg	11/11/25 20:18	PB170478
101-55-3	4-Bromophenyl-phenylether	67.0	U	1	67.0	410	ug/Kg	11/11/25 20:18	PB170478
118-74-1	Hexachlorobenzene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
1912-24-9	Atrazine	82.0	U	1	82.0	410	ug/Kg	11/11/25 20:18	PB170478
87-86-5	Pentachlorophenol	120	U	1	120	800	ug/Kg	11/11/25 20:18	PB170478
85-01-8	Phenanthrene	50.4	U	1	50.4	410	ug/Kg	11/11/25 20:18	PB170478
120-12-7	Anthracene	80.3	U	1	80.3	410	ug/Kg	11/11/25 20:18	PB170478
86-74-8	Carbazole	75.2	U	1	75.2	410	ug/Kg	11/11/25 20:18	PB170478
84-74-2	Di-n-butylphthalate	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
206-44-0	Fluoranthene	72.3	U	1	72.3	410	ug/Kg	11/11/25 20:18	PB170478
129-00-0	Pyrene	86.8	U	1	86.8	410	ug/Kg	11/11/25 20:18	PB170478
85-68-7	Butylbenzylphthalate	170	U	1	170	410	ug/Kg	11/11/25 20:18	PB170478
91-94-1	3,3-Dichlorobenzidine	88.5	U	1	88.5	800	ug/Kg	11/11/25 20:18	PB170478
56-55-3	Benzo(a)anthracene	55.4	U	1	55.4	410	ug/Kg	11/11/25 20:18	PB170478
218-01-9	Chrysene	48.0	U	1	48.0	410	ug/Kg	11/11/25 20:18	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	1	140	410	ug/Kg	11/11/25 20:18	PB170478
117-84-0	Di-n-octyl phthalate	210	U	1	210	800	ug/Kg	11/11/25 20:18	PB170478
205-99-2	Benzo(b)fluoranthene	45.8	U	1	45.8	410	ug/Kg	11/11/25 20:18	PB170478
207-08-9	Benzo(k)fluoranthene	54.0	U	1	54.0	410	ug/Kg	11/11/25 20:18	PB170478
50-32-8	Benzo(a)pyrene	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
53-70-3	Dibenzo(a,h)anthracene	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
191-24-2	Benzo(g,h,i)perylene	62.0	U	1	62.0	410	ug/Kg	11/11/25 20:18	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
123-91-1	1,4-Dioxane	110	U	1	110	410	ug/Kg	11/11/25 20:18	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	137			30 (10) - 130 (105)	91%	SPK: 150		
13127-88-3	Phenol-d6	135			30 (10) - 130 (103)	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	91.4			30 (10) - 130 (108)	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.1			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	166			30 (10) - 130 (116)	111%	SPK: 150		
1718-51-0	Terphenyl-d14	75.5			30 (10) - 130 (109)	75%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	250000							
1146-65-2	Naphthalene-d8	984000							
15067-26-2	Acenaphthene-d10	623000							
1517-22-2	Phenanthrene-d10	1350000							
1719-03-5	Chrysene-d12	1640000							
1520-96-3	Perylene-d12	1940000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	910	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	490	J			18.1	ug/Kg		

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
018835-32-0	1-Tricosene	270	J			21.3	ug/Kg		
000593-45-3	Octadecane	200	J			22.5	ug/Kg		
000629-97-0	Docosane	240	J			23.3	ug/Kg		
000638-68-6	Triacontane	460	J			25.2	ug/Kg		
013475-76-8	Docosane, 11-butyl-	1200	J			29.6	ug/Kg		
000646-31-1	Tetracosane	240	J			31.7	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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	310	U	1	310	650	ug/Kg	11/11/25 16:11	PB170478
108-95-2	Phenol	43.4	U	1	43.4	330	ug/Kg	11/11/25 16:11	PB170478
111-44-4	bis(2-Chloroethyl)ether	47.7	U	1	47.7	330	ug/Kg	11/11/25 16:11	PB170478
95-57-8	2-Chlorophenol	47.9	U	1	47.9	330	ug/Kg	11/11/25 16:11	PB170478
95-48-7	2-Methylphenol	58.7	U	1	58.7	330	ug/Kg	11/11/25 16:11	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	73.6	U	1	73.6	330	ug/Kg	11/11/25 16:11	PB170478
98-86-2	Acetophenone	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
65794-96-9	3+4-Methylphenols	80.7	U	1	80.7	650	ug/Kg	11/11/25 16:11	PB170478
621-64-7	n-Nitroso-di-n-propylamine	93.0	U	1	93.0	160	ug/Kg	11/11/25 16:11	PB170478
67-72-1	Hexachloroethane	34.5	U	1	34.5	330	ug/Kg	11/11/25 16:11	PB170478
98-95-3	Nitrobenzene	35.9	U	1	35.9	330	ug/Kg	11/11/25 16:11	PB170478
78-59-1	Isophorone	64.4	U	1	64.4	330	ug/Kg	11/11/25 16:11	PB170478
88-75-5	2-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 16:11	PB170478
105-67-9	2,4-Dimethylphenol	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
111-91-1	bis(2-Chloroethoxy)methane	60.5	U	1	60.5	330	ug/Kg	11/11/25 16:11	PB170478
120-83-2	2,4-Dichlorophenol	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
91-20-3	Naphthalene	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
106-47-8	4-Chloroaniline	69.5	UQ	1	69.5	330	ug/Kg	11/11/25 16:11	PB170478
87-68-3	Hexachlorobutadiene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
105-60-2	Caprolactam	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
59-50-7	4-Chloro-3-methylphenol	56.3	U	1	56.3	330	ug/Kg	11/11/25 16:11	PB170478
91-57-6	2-Methylnaphthalene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
77-47-4	Hexachlorocyclopentadiene	230	U	1	230	650	ug/Kg	11/11/25 16:11	PB170478
88-06-2	2,4,6-Trichlorophenol	38.9	U	1	38.9	330	ug/Kg	11/11/25 16:11	PB170478
95-95-4	2,4,5-Trichlorophenol	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
92-52-4	1,1-Biphenyl	42.8	U	1	42.8	330	ug/Kg	11/11/25 16:11	PB170478
91-58-7	2-Chloronaphthalene	44.2	U	1	44.2	330	ug/Kg	11/11/25 16:11	PB170478
88-74-4	2-Nitroaniline	94.4	U	1	94.4	330	ug/Kg	11/11/25 16:11	PB170478
131-11-3	Dimethylphthalate	53.2	U	1	53.2	330	ug/Kg	11/11/25 16:11	PB170478
208-96-8	Acenaphthylene	56.7	U	1	56.7	330	ug/Kg	11/11/25 16:11	PB170478
606-20-2	2,6-Dinitrotoluene	65.9	U	1	65.9	330	ug/Kg	11/11/25 16:11	PB170478
99-09-2	3-Nitroaniline	90.3	UQ	1	90.3	330	ug/Kg	11/11/25 16:11	PB170478
83-32-9	Acenaphthene	41.8	U	1	41.8	330	ug/Kg	11/11/25 16:11	PB170478
51-28-5	2,4-Dinitrophenol	450	U	1	450	650	ug/Kg	11/11/25 16:11	PB170478
100-02-7	4-Nitrophenol	210	U	1	210	650	ug/Kg	11/11/25 16:11	PB170478
132-64-9	Dibenzofuran	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
121-14-2	2,4-Dinitrotoluene	98.3	U	1	98.3	330	ug/Kg	11/11/25 16:11	PB170478
84-66-2	Diethylphthalate	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
7005-72-3	4-Chlorophenyl-phenylether	52.4	U	1	52.4	330	ug/Kg	11/11/25 16:11	PB170478
86-73-7	Fluorene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
100-01-6	4-Nitroaniline	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1	200	650	ug/Kg	11/11/25 16:11	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	64.6	U	1	64.6	330	ug/Kg	11/11/25 16:11	PB170478
101-55-3	4-Bromophenyl-phenylether	54.6	U	1	54.6	330	ug/Kg	11/11/25 16:11	PB170478
118-74-1	Hexachlorobenzene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
1912-24-9	Atrazine	66.7	U	1	66.7	330	ug/Kg	11/11/25 16:11	PB170478
87-86-5	Pentachlorophenol	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
85-01-8	Phenanthrene	41.0	U	1	41.0	330	ug/Kg	11/11/25 16:11	PB170478
120-12-7	Anthracene	65.4	U	1	65.4	330	ug/Kg	11/11/25 16:11	PB170478
86-74-8	Carbazole	61.2	U	1	61.2	330	ug/Kg	11/11/25 16:11	PB170478
84-74-2	Di-n-butylphthalate	94.0	U	1	94.0	330	ug/Kg	11/11/25 16:11	PB170478
206-44-0	Fluoranthene	58.9	U	1	58.9	330	ug/Kg	11/11/25 16:11	PB170478
129-00-0	Pyrene	70.7	U	1	70.7	330	ug/Kg	11/11/25 16:11	PB170478
85-68-7	Butylbenzylphthalate	140	U	1	140	330	ug/Kg	11/11/25 16:11	PB170478
91-94-1	3,3-Dichlorobenzidine	72.0	U	1	72.0	650	ug/Kg	11/11/25 16:11	PB170478
56-55-3	Benzo(a)anthracene	45.1	U	1	45.1	330	ug/Kg	11/11/25 16:11	PB170478
218-01-9	Chrysene	39.1	U	1	39.1	330	ug/Kg	11/11/25 16:11	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	1	120	330	ug/Kg	11/11/25 16:11	PB170478
117-84-0	Di-n-octyl phthalate	170	U	1	170	650	ug/Kg	11/11/25 16:11	PB170478
205-99-2	Benzo(b)fluoranthene	37.3	U	1	37.3	330	ug/Kg	11/11/25 16:11	PB170478
207-08-9	Benzo(k)fluoranthene	44.0	U	1	44.0	330	ug/Kg	11/11/25 16:11	PB170478
50-32-8	Benzo(a)pyrene	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
53-70-3	Dibenzo(a,h)anthracene	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
191-24-2	Benzo(g,h,i)perylene	50.4	U	1	50.4	330	ug/Kg	11/11/25 16:11	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
123-91-1	1,4-Dioxane	88.7	U	1	88.7	330	ug/Kg	11/11/25 16:11	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	120			30 (10) - 130 (105)	80%	SPK: 150		
13127-88-3	Phenol-d6	117			30 (10) - 130 (103)	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.7			30 (10) - 130 (108)	84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.2			30 (10) - 130 (108)	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	146			30 (10) - 130 (116)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	73.9			30 (10) - 130 (109)	74%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1210000							
15067-26-2	Acenaphthene-d10	729000							
1517-22-2	Phenanthrene-d10	1510000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	2180000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	420	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	640	J			18.1	ug/Kg		

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	130	J			19.4	ug/Kg		
077899-03-7	1-Heneicosyl formate	350	J			21.3	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

SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170478BL	PB170478BL	2-Fluorophenol	150	115	77		30 (10)	130 (105)
		Phenol-d6	150	118	79		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.0	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.8	80		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	84.5	85		30 (10)	130 (109)
PB170478BS	PB170478BS	2-Fluorophenol	150	115	76		30 (10)	130 (105)
		Phenol-d6	150	112	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.4	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.0	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	82.9	83		30 (10)	130 (109)
Q3586-01	SED-1	2-Fluorophenol	150	118	78		30 (10)	130 (105)
		Phenol-d6	150	120	80		30 (10)	130 (103)
		Nitrobenzene-d5	100	86.3	86		30 (10)	130 (108)
		2-Fluorobiphenyl	100	84.3	84		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	70.3	70		30 (10)	130 (109)
Q3586-02	SED-2	2-Fluorophenol	150	137	91		30 (10)	130 (105)
		Phenol-d6	150	135	90		30 (10)	130 (103)
		Nitrobenzene-d5	100	91.4	91		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.1	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	166	111		30 (10)	130 (116)
		Terphenyl-d14	100	75.5	75		30 (10)	130 (109)
Q3586-03	SED-3	2-Fluorophenol	150	120	80		30 (10)	130 (105)
		Phenol-d6	150	117	78		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.7	84		30 (10)	130 (108)
		2-Fluorobiphenyl	100	75.2	75		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	146	98		30 (10)	130 (116)
		Terphenyl-d14	100	73.9	74		30 (10)	130 (109)
Q3586-03MS	SED-3MS	2-Fluorophenol	150	99.1	66		30 (10)	130 (105)
		Phenol-d6	150	98.9	66		30 (10)	130 (103)
		Nitrobenzene-d5	100	66.8	67		30 (10)	130 (108)
		2-Fluorobiphenyl	100	58.7	59		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	117	78		30 (10)	130 (116)
		Terphenyl-d14	100	60.4	60		30 (10)	130 (109)
Q3586-03MSD	SED-3MSD	2-Fluorophenol	150	105	70		30 (10)	130 (105)
		Phenol-d6	150	106	71		30 (10)	130 (103)
		Nitrobenzene-d5	100	68.1	68		30 (10)	130 (108)
		2-Fluorobiphenyl	100	61.7	62		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	119	79		30 (10)	130 (116)
		Terphenyl-d14	100	62.3	62		30 (10)	130 (109)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3586-03MS		**Client Sample ID: SED-3MS**									
Benzaldehyde	3300	0	2600	ug/Kg	79				20 (20)	160 (111)	
Phenol	3300	0	3000	ug/Kg	91				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	3300	0	2700	ug/Kg	82				70 (67)	130 (110)	
2-Chlorophenol	3300	0	3100	ug/Kg	94				70 (67)	130 (119)	
2-Methylphenol	3300	0	3000	ug/Kg	91				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	3300	0	2500	ug/Kg	76				70 (59)	130 (113)	
Acetophenone	3300	0	2900	ug/Kg	88				70 (55)	130 (128)	
3+4-Methylphenols	3300	0	2900	ug/Kg	88				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	3300	0	2800	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	3300	0	2900	ug/Kg	88				20 (65)	160 (115)	
Nitrobenzene	3300	0	3000	ug/Kg	91				70 (66)	130 (120)	
Isophorone	3300	0	2800	ug/Kg	85				70 (67)	130 (113)	
2-Nitrophenol	3300	0	4100	ug/Kg	124				70 (69)	130 (135)	
2,4-Dimethylphenol	3300	0	3300	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	3300	0	2800	ug/Kg	85				70 (70)	130 (112)	
2,4-Dichlorophenol	3300	0	3200	ug/Kg	97				70 (70)	130 (121)	
Naphthalene	3300	0	2800	ug/Kg	85				70 (66)	130 (113)	
4-Chloroaniline	3300	0	1300	ug/Kg	39	*			70 (10)	130 (100)	
Hexachlorobutadiene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Caprolactam	3300	0	3200	ug/Kg	97				20 (51)	160 (134)	
4-Chloro-3-methylphenol	3300	0	3200	ug/Kg	97				70 (71)	130 (118)	
2-Methylnaphthalene	3300	0	2600	ug/Kg	79				70 (59)	130 (123)	
Hexachlorocyclopentadiene	6500	0	8600	ug/Kg	132				20 (16)	160 (175)	
2,4,6-Trichlorophenol	3300	0	3400	ug/Kg	103				70 (67)	130 (128)	
2,4,5-Trichlorophenol	3300	0	3300	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	3300	0	2800	ug/Kg	85				70 (69)	130 (126)	
2-Chloronaphthalene	3300	0	2800	ug/Kg	85				70 (71)	130 (113)	
2-Nitroaniline	3300	0	3100	ug/Kg	94				70 (73)	130 (125)	
Dimethylphthalate	3300	0	2900	ug/Kg	88				70 (72)	130 (116)	
Acenaphthylene	3300	0	3300	ug/Kg	100				70 (69)	130 (128)	
2,6-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (67)	130 (141)	
3-Nitroaniline	3300	0	1900	ug/Kg	58	*			70 (28)	130 (102)	
Acenaphthene	3300	0	2700	ug/Kg	82				70 (70)	130 (121)	
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111				20 (10)	160 (164)	
4-Nitrophenol	6500	0	6800	ug/Kg	105				20 (49)	160 (133)	
Dibenzofuran	3300	0	2800	ug/Kg	85				70 (71)	130 (111)	
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (73)	130 (130)	
Diethylphthalate	3300	0	3000	ug/Kg	91				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	3300	0	2800	ug/Kg	85				70 (72)	130 (112)	
Fluorene	3300	0	2900	ug/Kg	88				70 (67)	130 (114)	
4-Nitroaniline	3300	0	3400	ug/Kg	103				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	3300	0	4000	ug/Kg	121				70 (25)	130 (163)	
N-Nitrosodiphenylamine	3300	0	2900	ug/Kg	88				70 (73)	130 (118)	
4-Bromophenyl-phenylether	3300	0	2900	ug/Kg	88				70 (65)	130 (121)	
Hexachlorobenzene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Atrazine	3300	0	3300	ug/Kg	100				70 (79)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	6900	ug/Kg	106				20 (39)	160 (145)	
Phenanthrene	3300	0	2800	ug/Kg	85				70 (52)	130 (128)	
Anthracene	3300	0	2900	ug/Kg	88				70 (62)	130 (124)	
Carbazole	3300	0	3000	ug/Kg	91				70 (73)	130 (115)	
Di-n-butylphthalate	3300	0	3200	ug/Kg	97				70 (72)	130 (129)	
Fluoranthene	3300	0	3000	ug/Kg	91				70 (31)	130 (152)	
Pyrene	3300	0	2800	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	3300	0	3300	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	3300	0	2200	ug/Kg	67	*			70 (10)	130 (116)	
Benzo(a)anthracene	3300	0	2900	ug/Kg	88				70 (53)	130 (119)	
Chrysene	3300	0	2900	ug/Kg	88				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88				70 (64)	130 (139)	
Di-n-octyl phthalate	3300	0	3700	ug/Kg	112				70 (51)	130 (156)	
Benzo(b)fluoranthene	3300	0	2800	ug/Kg	85				70 (52)	130 (117)	
Benzo(k)fluoranthene	3300	0	2800	ug/Kg	85				70 (57)	130 (134)	
Benzo(a)pyrene	3300	0	3000	ug/Kg	91				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	3300	0	3000	ug/Kg	91				70 (48)	130 (129)	
Dibenz(a,h)anthracene	3300	0	3000	ug/Kg	91				70 (43)	130 (123)	
Benzo(g,h,i)perylene	3300	0	3100	ug/Kg	94				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	3300	0	2800	ug/Kg	85				70 (65)	130 (132)	
1,4-Dioxane	3300	0	2500	ug/Kg	76				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	3300	0	3700	ug/Kg	112				70 (56)	130 (141)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3586-03MSD		**Client Sample ID: SED-3MSD**									
Benzaldehyde	3300	0	2700	ug/Kg	82		4		20 (20)	160 (111)	30 (20)
Phenol	3300	0	3200	ug/Kg	97		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	3300	0	2900	ug/Kg	88		7		70 (67)	130 (110)	30 (20)
2-Chlorophenol	3300	0	3300	ug/Kg	100		6		70 (67)	130 (119)	30 (20)
2-Methylphenol	3300	0	3200	ug/Kg	97		6		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	3300	0	2600	ug/Kg	79		4		70 (59)	130 (113)	30 (20)
Acetophenone	3300	0	3000	ug/Kg	91		3		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	3300	0	3200	ug/Kg	97		10		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	3300	0	3000	ug/Kg	91		7		70 (59)	130 (119)	30 (20)
Hexachloroethane	3300	0	3100	ug/Kg	94		7		20 (65)	160 (115)	30 (20)
Nitrobenzene	3300	0	3100	ug/Kg	94		3		70 (66)	130 (120)	30 (20)
Isophorone	3300	0	2900	ug/Kg	88		3		70 (67)	130 (113)	30 (20)
2-Nitrophenol	3300	0	4200	ug/Kg	127		2		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	3300	0	3400	ug/Kg	103		3		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	3300	0	2900	ug/Kg	88		3		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	3300	0	3300	ug/Kg	100		3		70 (70)	130 (121)	30 (20)
Naphthalene	3300	0	2900	ug/Kg	88		3		70 (66)	130 (113)	30 (20)
4-Chloroaniline	3300	0	1200	ug/Kg	36	*	8		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (118)	30 (16)
Caprolactam	3300	0	3300	ug/Kg	100		3		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	3300	0	3300	ug/Kg	100		3		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	3300	0	2700	ug/Kg	82		4		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	6500	0	9200	ug/Kg	142		7		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	3300	0	3500	ug/Kg	106		3		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	3300	0	3400	ug/Kg	103		3		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	3300	0	2900	ug/Kg	88		3		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	3300	0	2900	ug/Kg	88		3		70 (71)	130 (113)	30 (20)
2-Nitroaniline	3300	0	3300	ug/Kg	100		6		70 (73)	130 (125)	30 (16)
Dimethylphthalate	3300	0	3000	ug/Kg	91		3		70 (72)	130 (116)	30 (20)
Acenaphthylene	3300	0	3400	ug/Kg	103		3		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	3300	0	3500	ug/Kg	106		3		70 (67)	130 (141)	30 (20)
3-Nitroaniline	3300	0	1900	ug/Kg	58	*	0		70 (28)	130 (102)	30 (20)
Acenaphthene	3300	0	3300	ug/Kg	100		20		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111		0		20 (10)	160 (164)	30 (30)
4-Nitrophenol	6500	0	6700	ug/Kg	103		2		20 (49)	160 (133)	30 (20)
Dibenzofuran	3300	0	2900	ug/Kg	88		3		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103		0		70 (73)	130 (130)	30 (20)
Diethylphthalate	3300	0	3000	ug/Kg	91		0		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	3300	0	2900	ug/Kg	88		3		70 (72)	130 (112)	30 (20)
Fluorene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (114)	30 (20)
4-Nitroaniline	3300	0	3400	ug/Kg	103		0		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	3300	0	4100	ug/Kg	124		2		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	3300	0	3000	ug/Kg	91		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	3300	0	3100	ug/Kg	94		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	3300	0	3100	ug/Kg	94		7		70 (67)	130 (118)	30 (20)
Atrazine	3300	0	3400	ug/Kg	103		3		70 (79)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	7100	ug/Kg	109		3		20 (39)	160 (145)	30 (20)
Phenanthrene	3300	0	2900	ug/Kg	88		3		70 (52)	130 (128)	30 (20)
Anthracene	3300	0	3000	ug/Kg	91		3		70 (62)	130 (124)	30 (20)
Carbazole	3300	0	3000	ug/Kg	91		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	3300	0	3200	ug/Kg	97		0		70 (72)	130 (129)	30 (20)
Fluoranthene	3300	0	3000	ug/Kg	91		0		70 (31)	130 (152)	30 (20)
Pyrene	3300	0	2900	ug/Kg	88		3		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	3300	0	3400	ug/Kg	103		3		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	3300	0	2400	ug/Kg	73		9		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	3300	0	3000	ug/Kg	91		3		70 (53)	130 (119)	30 (20)
Chrysene	3300	0	2900	ug/Kg	88		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88		0		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	3300	0	3900	ug/Kg	118		5		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	3300	0	3000	ug/Kg	91		7		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	3300	0	2900	ug/Kg	88		3		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	3300	0	3100	ug/Kg	94		3		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	3300	0	3100	ug/Kg	94		3		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	3300	0	3100	ug/Kg	94		3		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	3300	0	3200	ug/Kg	97		3		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	3300	0	2900	ug/Kg	88		3		70 (65)	130 (132)	30 (20)
1,4-Dioxane	3300	0	2500	ug/Kg	76		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	3300	0	3800	ug/Kg	115		3		70 (56)	130 (141)	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.: Q3586 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170478BS	Benzaldehyde	1700	1100	ug/Kg	65				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (75)	130 (113)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (61)	130 (130)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	850	ug/Kg	50		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (68)	130 (108)	
	Caprolactam	1700	1500	ug/Kg	88				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (74)	130 (106)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (71)	130 (110)	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70 (70)	130 (103)	
	2-Nitroaniline	1700	1500	ug/Kg	88				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (101)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				70 (78)	130 (116)	
	3-Nitroaniline	1700	1000	ug/Kg	59		*		70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				20 (59)	160 (137)	
	4-Nitrophenol	3300	2600	ug/Kg	79				20 (60)	160 (124)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				70 (78)	130 (115)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (104)	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				70 (73)	130 (101)	
	Fluorene	1700	1500	ug/Kg	88				70 (75)	130 (99)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

( ) = 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.: Q3586 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170478BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (71)	130 (122)	
	Pentachlorophenol	3300	3100	ug/Kg	94				20 (56)	160 (129)	
	Phenanthrene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Anthracene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	Carbazole	1700	1500	ug/Kg	88				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (75)	130 (104)	
	Chrysene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1200	ug/Kg	71				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (71)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170478BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: BF144199.D | Lab Sample ID: PB170478BL

Instrument ID: BNA_F | Date Extracted: 11/11/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/11/2025

Level: (low/med) LOW | Time Analyzed: 13:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170478BS	PB170478BS	BF144200.D	11/11/2025
SED-1	Q3586-01	BF144201.D	11/11/2025
SED-3	Q3586-03	BP026092.D	11/11/2025
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025
SED-2	Q3586-02	BP026098.D	11/11/2025
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144168.D DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144197.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF144198.D	11/11/2025	10:09
PB170478BL	PB170478BL	BF144199.D	11/11/2025	13:07
PB170478BS	PB170478BS	BF144200.D	11/11/2025	13:36
SED-1	Q3586-01	BF144201.D	11/11/2025	14:09

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BP026089.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BP026090.D	11/11/2025	14:44
SED-3	Q3586-03	BP026092.D	11/11/2025	16:11
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025	16:52
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025	17:33
SED-2	Q3586-02	BP026098.D	11/11/2025	20:18

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	73404	6.875	271454	8.16	150816	9.92
	UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
	LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
	EPA SAMPLE NO.						
01	PB170478BL	80148	6.88	308933	8.16	180668	9.92
02	PB170478BS	75320	6.88	282587	8.16	160149	9.92
03	SED-1	66900	6.88	248822	8.16	132870	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER 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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	253608	11.41	166330	14.057	229506	15.545
	UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
	LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
	EPA SAMPLE NO.						
01	PB170478BL	336603	11.41	225293	14.06	226985	15.55
02	PB170478BS	268017	11.41	166103	14.06	208533	15.55
03	SED-1	221346	11.40	167727	14.06	213949	15.54

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	SED-2	249884	7.68	984033	10.44	622887	14.31
02	SED-3	318405	7.68	1214570	10.46	729423	14.32
03	SED-3MS	296222	7.68	1166340	10.45	745428	14.31
04	SED-3MSD	270854	7.67	1115780	10.44	711326	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER 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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	SED-2	1353620	17.13	1635330	21.58	1941020	24.91
02	SED-3	1507920	17.13	1773560	21.58	2177400	24.92
03	SED-3MS	1549760	17.13	1762340	21.58	2068060	24.92
04	SED-3MSD	1435440	17.13	1558560	21.58	1925500	24.92

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/11/25 13:07	PB170478
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/11/25 13:07	PB170478
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/11/25 13:07	PB170478
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/11/25 13:07	PB170478
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/11/25 13:07	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/11/25 13:07	PB170478
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/11/25 13:07	PB170478
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/11/25 13:07	PB170478
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/11/25 13:07	PB170478
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/11/25 13:07	PB170478
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/11/25 13:07	PB170478
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/11/25 13:07	PB170478
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/11/25 13:07	PB170478
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/11/25 13:07	PB170478
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/11/25 13:07	PB170478
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/11/25 13:07	PB170478
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/11/25 13:07	PB170478
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/11/25 13:07	PB170478
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/11/25 13:07	PB170478
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/11/25 13:07	PB170478
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/11/25 13:07	PB170478
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/11/25 13:07	PB170478
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/11/25 13:07	PB170478
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/11/25 13:07	PB170478
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/11/25 13:07	PB170478
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/11/25 13:07	PB170478
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/11/25 13:07	PB170478
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/11/25 13:07	PB170478
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 13:07	PB170478
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/11/25 13:07	PB170478
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/11/25 13:07	PB170478
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/11/25 13:07	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/11/25 13:07	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170478BL	SDG No.:	Q3586
Lab Sample ID:	PB170478BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/11/25 13:07	PB170478
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/11/25 13:07	PB170478
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/11/25 13:07	PB170478
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/11/25 13:07	PB170478
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/11/25 13:07	PB170478
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/11/25 13:07	PB170478
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/11/25 13:07	PB170478
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/11/25 13:07	PB170478
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/11/25 13:07	PB170478
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/11/25 13:07	PB170478
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/11/25 13:07	PB170478
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/11/25 13:07	PB170478
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/11/25 13:07	PB170478
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/11/25 13:07	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/11/25 13:07	PB170478
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/11/25 13:07	PB170478
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/11/25 13:07	PB170478
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/11/25 13:07	PB170478
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/11/25 13:07	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/11/25 13:07	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	77%	SPK: 150		
13127-88-3	Phenol-d6	118			30 (10) - 130 (103)	79%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.0			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.8			30 (10) - 130 (108)	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	84.5			30 (10) - 130 (109)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	80100							
1146-65-2	Naphthalene-d8	309000							
15067-26-2	Acenaphthene-d10	181000							
1517-22-2	Phenanthrene-d10	337000							
1719-03-5	Chrysene-d12	225000							
1520-96-3	Perylene-d12	227000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1100		1	160	330	ug/Kg	11/11/25 13:36	PB170478
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	11/11/25 13:36	PB170478
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	11/11/25 13:36	PB170478
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	11/11/25 13:36	PB170478
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	11/11/25 13:36	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	37.5	170	ug/Kg	11/11/25 13:36	PB170478
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/11/25 13:36	PB170478
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/11/25 13:36	PB170478
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	11/11/25 13:36	PB170478
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	11/11/25 13:36	PB170478
78-59-1	Isophorone	1500		1	32.8	170	ug/Kg	11/11/25 13:36	PB170478
88-75-5	2-Nitrophenol	1500		1	58.2	170	ug/Kg	11/11/25 13:36	PB170478
105-67-9	2,4-Dimethylphenol	1600		1	64.8	170	ug/Kg	11/11/25 13:36	PB170478
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	11/11/25 13:36	PB170478
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
91-20-3	Naphthalene	1500		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
106-47-8	4-Chloroaniline	850		1	35.4	170	ug/Kg	11/11/25 13:36	PB170478
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
105-60-2	Caprolactam	1500		1	52.1	330	ug/Kg	11/11/25 13:36	PB170478
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/11/25 13:36	PB170478
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
77-47-4	Hexachlorocyclopentadiene	3000	E	1	120	330	ug/Kg	11/11/25 13:36	PB170478
88-06-2	2,4,6-Trichlorophenol	1400		1	19.8	170	ug/Kg	11/11/25 13:36	PB170478
95-95-4	2,4,5-Trichlorophenol	1400		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	11/11/25 13:36	PB170478
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	11/11/25 13:36	PB170478
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	11/11/25 13:36	PB170478
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	11/11/25 13:36	PB170478
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/11/25 13:36	PB170478
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/11/25 13:36	PB170478
99-09-2	3-Nitroaniline	1000		1	46.0	170	ug/Kg	11/11/25 13:36	PB170478
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/11/25 13:36	PB170478
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/11/25 13:36	PB170478
100-02-7	4-Nitrophenol	2600		1	110	330	ug/Kg	11/11/25 13:36	PB170478
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
121-14-2	2,4-Dinitrotoluene	1500		1	50.1	170	ug/Kg	11/11/25 13:36	PB170478
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	11/11/25 13:36	PB170478
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
100-01-6	4-Nitroaniline	1500		1	64.2	170	ug/Kg	11/11/25 13:36	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	11/11/25 13:36	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	11/11/25 13:36	PB170478
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	11/11/25 13:36	PB170478
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	11/11/25 13:36	PB170478
87-86-5	Pentachlorophenol	3100	E	1	51.3	330	ug/Kg	11/11/25 13:36	PB170478
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	11/11/25 13:36	PB170478
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	11/11/25 13:36	PB170478
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/11/25 13:36	PB170478
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/11/25 13:36	PB170478
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/11/25 13:36	PB170478
129-00-0	Pyrene	1500		1	36.0	170	ug/Kg	11/11/25 13:36	PB170478
85-68-7	Butylbenzylphthalate	1600		1	71.4	170	ug/Kg	11/11/25 13:36	PB170478
91-94-1	3,3-Dichlorobenzidine	1200		1	36.7	330	ug/Kg	11/11/25 13:36	PB170478
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	11/11/25 13:36	PB170478
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	11/11/25 13:36	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.2	170	ug/Kg	11/11/25 13:36	PB170478
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	11/11/25 13:36	PB170478
205-99-2	Benzo(b)fluoranthene	1700		1	19.0	170	ug/Kg	11/11/25 13:36	PB170478
207-08-9	Benzo(k)fluoranthene	1400		1	22.4	170	ug/Kg	11/11/25 13:36	PB170478
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/11/25 13:36	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
123-91-1	1,4-Dioxane	1200		1	45.2	170	ug/Kg	11/11/25 13:36	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	1500		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	76%	SPK: 150		
13127-88-3	Phenol-d6	112			30 (10) - 130 (103)	75%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.4			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			30 (10) - 130 (116)	81%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			30 (10) - 130 (109)	83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	75300							
1146-65-2	Naphthalene-d8	283000							
15067-26-2	Acenaphthene-d10	160000							
1517-22-2	Phenanthrene-d10	268000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	209000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2600		1	310	650	ug/Kg	11/11/25 16:52	PB170478
108-95-2	Phenol	3000		1	43.3	330	ug/Kg	11/11/25 16:52	PB170478
111-44-4	bis(2-Chloroethyl)ether	2700		1	47.7	330	ug/Kg	11/11/25 16:52	PB170478
95-57-8	2-Chlorophenol	3100		1	47.9	330	ug/Kg	11/11/25 16:52	PB170478
95-48-7	2-Methylphenol	3000		1	58.6	330	ug/Kg	11/11/25 16:52	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2500		1	73.6	330	ug/Kg	11/11/25 16:52	PB170478
98-86-2	Acetophenone	2900		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
65794-96-9	3+4-Methylphenols	2900		1	80.6	650	ug/Kg	11/11/25 16:52	PB170478
621-64-7	n-Nitroso-di-n-propylamine	2800		1	93.0	160	ug/Kg	11/11/25 16:52	PB170478
67-72-1	Hexachloroethane	2900		1	34.5	330	ug/Kg	11/11/25 16:52	PB170478
98-95-3	Nitrobenzene	3000		1	35.9	330	ug/Kg	11/11/25 16:52	PB170478
78-59-1	Isophorone	2800		1	64.3	330	ug/Kg	11/11/25 16:52	PB170478
88-75-5	2-Nitrophenol	4100		1	110	330	ug/Kg	11/11/25 16:52	PB170478
105-67-9	2,4-Dimethylphenol	3300		1	130	330	ug/Kg	11/11/25 16:52	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2800		1	60.4	330	ug/Kg	11/11/25 16:52	PB170478
120-83-2	2,4-Dichlorophenol	3200		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
91-20-3	Naphthalene	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
106-47-8	4-Chloroaniline	1300		1	69.4	330	ug/Kg	11/11/25 16:52	PB170478
87-68-3	Hexachlorobutadiene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
105-60-2	Caprolactam	3200		1	100	650	ug/Kg	11/11/25 16:52	PB170478
59-50-7	4-Chloro-3-methylphenol	3200		1	56.3	330	ug/Kg	11/11/25 16:52	PB170478
91-57-6	2-Methylnaphthalene	2600		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
77-47-4	Hexachlorocyclopentadiene	8600	E	1	230	650	ug/Kg	11/11/25 16:52	PB170478
88-06-2	2,4,6-Trichlorophenol	3400		1	38.8	330	ug/Kg	11/11/25 16:52	PB170478
95-95-4	2,4,5-Trichlorophenol	3300		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
92-52-4	1,1-Biphenyl	2800		1	42.8	330	ug/Kg	11/11/25 16:52	PB170478
91-58-7	2-Chloronaphthalene	2800		1	44.1	330	ug/Kg	11/11/25 16:52	PB170478
88-74-4	2-Nitroaniline	3100		1	94.3	330	ug/Kg	11/11/25 16:52	PB170478
131-11-3	Dimethylphthalate	2900		1	53.2	330	ug/Kg	11/11/25 16:52	PB170478
208-96-8	Acenaphthylene	3300		1	56.7	330	ug/Kg	11/11/25 16:52	PB170478
606-20-2	2,6-Dinitrotoluene	3400		1	65.9	330	ug/Kg	11/11/25 16:52	PB170478
99-09-2	3-Nitroaniline	1900		1	90.2	330	ug/Kg	11/11/25 16:52	PB170478
83-32-9	Acenaphthene	2700		1	41.8	330	ug/Kg	11/11/25 16:52	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 16:52	PB170478
100-02-7	4-Nitrophenol	6800	E	1	210	650	ug/Kg	11/11/25 16:52	PB170478
132-64-9	Dibenzofuran	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.3	330	ug/Kg	11/11/25 16:52	PB170478
84-66-2	Diethylphthalate	3000		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2800		1	52.4	330	ug/Kg	11/11/25 16:52	PB170478
86-73-7	Fluorene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 16:52	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4000		1	200	650	ug/Kg	11/11/25 16:52	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2900		1	64.5	330	ug/Kg	11/11/25 16:52	PB170478
101-55-3	4-Bromophenyl-phenylether	2900		1	54.5	330	ug/Kg	11/11/25 16:52	PB170478
118-74-1	Hexachlorobenzene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
1912-24-9	Atrazine	3300		1	66.7	330	ug/Kg	11/11/25 16:52	PB170478
87-86-5	Pentachlorophenol	6900	E	1	100	650	ug/Kg	11/11/25 16:52	PB170478
85-01-8	Phenanthrene	2800		1	41.0	330	ug/Kg	11/11/25 16:52	PB170478
120-12-7	Anthracene	2900		1	65.3	330	ug/Kg	11/11/25 16:52	PB170478
86-74-8	Carbazole	3000		1	61.2	330	ug/Kg	11/11/25 16:52	PB170478
84-74-2	Di-n-butylphthalate	3200		1	93.9	330	ug/Kg	11/11/25 16:52	PB170478
206-44-0	Fluoranthene	3000		1	58.8	330	ug/Kg	11/11/25 16:52	PB170478
129-00-0	Pyrene	2800		1	70.6	330	ug/Kg	11/11/25 16:52	PB170478
85-68-7	Butylbenzylphthalate	3300		1	140	330	ug/Kg	11/11/25 16:52	PB170478
91-94-1	3,3-Dichlorobenzidine	2200		1	72.0	650	ug/Kg	11/11/25 16:52	PB170478
56-55-3	Benzo(a)anthracene	2900		1	45.1	330	ug/Kg	11/11/25 16:52	PB170478
218-01-9	Chrysene	2900		1	39.0	330	ug/Kg	11/11/25 16:52	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 16:52	PB170478
117-84-0	Di-n-octyl phthalate	3700		1	170	650	ug/Kg	11/11/25 16:52	PB170478
205-99-2	Benzo(b)fluoranthene	2800		1	37.3	330	ug/Kg	11/11/25 16:52	PB170478
207-08-9	Benzo(k)fluoranthene	2800		1	43.9	330	ug/Kg	11/11/25 16:52	PB170478
50-32-8	Benzo(a)pyrene	3000		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3000		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
53-70-3	Dibenzo(a,h)anthracene	3000		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
191-24-2	Benzo(g,h,i)perylene	3100		1	50.4	330	ug/Kg	11/11/25 16:52	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2800		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
123-91-1	1,4-Dioxane	2500		1	88.7	330	ug/Kg	11/11/25 16:52	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3700		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	99.1			30 (10) - 130 (105)	66%	SPK: 150		
13127-88-3	Phenol-d6	98.9			30 (10) - 130 (103)	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	66.8			30 (10) - 130 (108)	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	58.7			30 (10) - 130 (108)	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	117			30 (10) - 130 (116)	78%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			30 (10) - 130 (109)	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	296000							
1146-65-2	Naphthalene-d8	1170000							
15067-26-2	Acenaphthene-d10	745000							
1517-22-2	Phenanthrene-d10	1550000							
1719-03-5	Chrysene-d12	1760000							
1520-96-3	Perylene-d12	2070000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2700		1	310	650	ug/Kg	11/11/25 17:33	PB170478
108-95-2	Phenol	3200		1	43.4	330	ug/Kg	11/11/25 17:33	PB170478
111-44-4	bis(2-Chloroethyl)ether	2900		1	47.7	330	ug/Kg	11/11/25 17:33	PB170478
95-57-8	2-Chlorophenol	3300		1	47.9	330	ug/Kg	11/11/25 17:33	PB170478
95-48-7	2-Methylphenol	3200		1	58.7	330	ug/Kg	11/11/25 17:33	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2600		1	73.6	330	ug/Kg	11/11/25 17:33	PB170478
98-86-2	Acetophenone	3000		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
65794-96-9	3+4-Methylphenols	3200		1	80.7	650	ug/Kg	11/11/25 17:33	PB170478
621-64-7	n-Nitroso-di-n-propylamine	3000		1	93.1	160	ug/Kg	11/11/25 17:33	PB170478
67-72-1	Hexachloroethane	3100		1	34.6	330	ug/Kg	11/11/25 17:33	PB170478
98-95-3	Nitrobenzene	3100		1	35.9	330	ug/Kg	11/11/25 17:33	PB170478
78-59-1	Isophorone	2900		1	64.4	330	ug/Kg	11/11/25 17:33	PB170478
88-75-5	2-Nitrophenol	4200		1	110	330	ug/Kg	11/11/25 17:33	PB170478
105-67-9	2,4-Dimethylphenol	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2900		1	60.5	330	ug/Kg	11/11/25 17:33	PB170478
120-83-2	2,4-Dichlorophenol	3300		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
91-20-3	Naphthalene	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
106-47-8	4-Chloroaniline	1200		1	69.5	330	ug/Kg	11/11/25 17:33	PB170478
87-68-3	Hexachlorobutadiene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
105-60-2	Caprolactam	3300		1	100	650	ug/Kg	11/11/25 17:33	PB170478
59-50-7	4-Chloro-3-methylphenol	3300		1	56.4	330	ug/Kg	11/11/25 17:33	PB170478
91-57-6	2-Methylnaphthalene	2700		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
77-47-4	Hexachlorocyclopentadiene	9200	E	1	230	650	ug/Kg	11/11/25 17:33	PB170478
88-06-2	2,4,6-Trichlorophenol	3500		1	38.9	330	ug/Kg	11/11/25 17:33	PB170478
95-95-4	2,4,5-Trichlorophenol	3400		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
92-52-4	1,1-Biphenyl	2900		1	42.8	330	ug/Kg	11/11/25 17:33	PB170478
91-58-7	2-Chloronaphthalene	2900		1	44.2	330	ug/Kg	11/11/25 17:33	PB170478
88-74-4	2-Nitroaniline	3300		1	94.5	330	ug/Kg	11/11/25 17:33	PB170478
131-11-3	Dimethylphthalate	3000		1	53.2	330	ug/Kg	11/11/25 17:33	PB170478
208-96-8	Acenaphthylene	3400		1	56.8	330	ug/Kg	11/11/25 17:33	PB170478
606-20-2	2,6-Dinitrotoluene	3500		1	66.0	330	ug/Kg	11/11/25 17:33	PB170478
99-09-2	3-Nitroaniline	1900		1	90.3	330	ug/Kg	11/11/25 17:33	PB170478
83-32-9	Acenaphthene	3300		1	41.8	330	ug/Kg	11/11/25 17:33	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 17:33	PB170478
100-02-7	4-Nitrophenol	6700	E	1	210	650	ug/Kg	11/11/25 17:33	PB170478
132-64-9	Dibenzofuran	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.4	330	ug/Kg	11/11/25 17:33	PB170478
84-66-2	Diethylphthalate	3000		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2900		1	52.4	330	ug/Kg	11/11/25 17:33	PB170478
86-73-7	Fluorene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4100		1	200	650	ug/Kg	11/11/25 17:33	PB170478

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3000		1	64.6	330	ug/Kg	11/11/25 17:33	PB170478
101-55-3	4-Bromophenyl-phenylether	3100		1	54.6	330	ug/Kg	11/11/25 17:33	PB170478
118-74-1	Hexachlorobenzene	3100		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
1912-24-9	Atrazine	3400		1	66.8	330	ug/Kg	11/11/25 17:33	PB170478
87-86-5	Pentachlorophenol	7100	E	1	100	650	ug/Kg	11/11/25 17:33	PB170478
85-01-8	Phenanthrene	2900		1	41.0	330	ug/Kg	11/11/25 17:33	PB170478
120-12-7	Anthracene	3000		1	65.4	330	ug/Kg	11/11/25 17:33	PB170478
86-74-8	Carbazole	3000		1	61.3	330	ug/Kg	11/11/25 17:33	PB170478
84-74-2	Di-n-butylphthalate	3200		1	94.1	330	ug/Kg	11/11/25 17:33	PB170478
206-44-0	Fluoranthene	3000		1	58.9	330	ug/Kg	11/11/25 17:33	PB170478
129-00-0	Pyrene	2900		1	70.7	330	ug/Kg	11/11/25 17:33	PB170478
85-68-7	Butylbenzylphthalate	3400		1	140	330	ug/Kg	11/11/25 17:33	PB170478
91-94-1	3,3-Dichlorobenzidine	2400		1	72.1	650	ug/Kg	11/11/25 17:33	PB170478
56-55-3	Benzo(a)anthracene	3000		1	45.2	330	ug/Kg	11/11/25 17:33	PB170478
218-01-9	Chrysene	2900		1	39.1	330	ug/Kg	11/11/25 17:33	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 17:33	PB170478
117-84-0	Di-n-octyl phthalate	3900		1	170	650	ug/Kg	11/11/25 17:33	PB170478
205-99-2	Benzo(b)fluoranthene	3000		1	37.3	330	ug/Kg	11/11/25 17:33	PB170478
207-08-9	Benzo(k)fluoranthene	2900		1	44.0	330	ug/Kg	11/11/25 17:33	PB170478
50-32-8	Benzo(a)pyrene	3100		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3100		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
53-70-3	Dibenzo(a,h)anthracene	3100		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
191-24-2	Benzo(g,h,i)perylene	3200		1	50.5	330	ug/Kg	11/11/25 17:33	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
123-91-1	1,4-Dioxane	2500		1	88.8	330	ug/Kg	11/11/25 17:33	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	105			30 (10) - 130 (105)	70%	SPK: 150		
13127-88-3	Phenol-d6	106			30 (10) - 130 (103)	71%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.1			30 (10) - 130 (108)	68%	SPK: 100		
321-60-8	2-Fluorobiphenyl	61.7			30 (10) - 130 (108)	62%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			30 (10) - 130 (116)	79%	SPK: 150		
1718-51-0	Terphenyl-d14	62.3			30 (10) - 130 (109)	62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	271000							
1146-65-2	Naphthalene-d8	1120000							
15067-26-2	Acenaphthene-d10	711000							
1517-22-2	Phenanthrene-d10	1440000							
1719-03-5	Chrysene-d12	1560000							
1520-96-3	Perylene-d12	1930000							

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo(a)anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.090		2.4	
Benzo(a)pyrene	1.049	1.050		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.464		2.0	
Dibenzo(a,h)anthracene	1.153	1.177		2.1	
Benzo(g,h,i)perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo(a)anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo(b)fluoranthene	1.242	1.261		1.5	
Benzo(k)fluoranthene	1.268	1.232		-2.8	
Benzo(a)pyrene	1.141	1.172		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.518		2.8	
Dibenzo(a,h)anthracene	1.202	1.234		2.7	
Benzo(g,h,i)perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

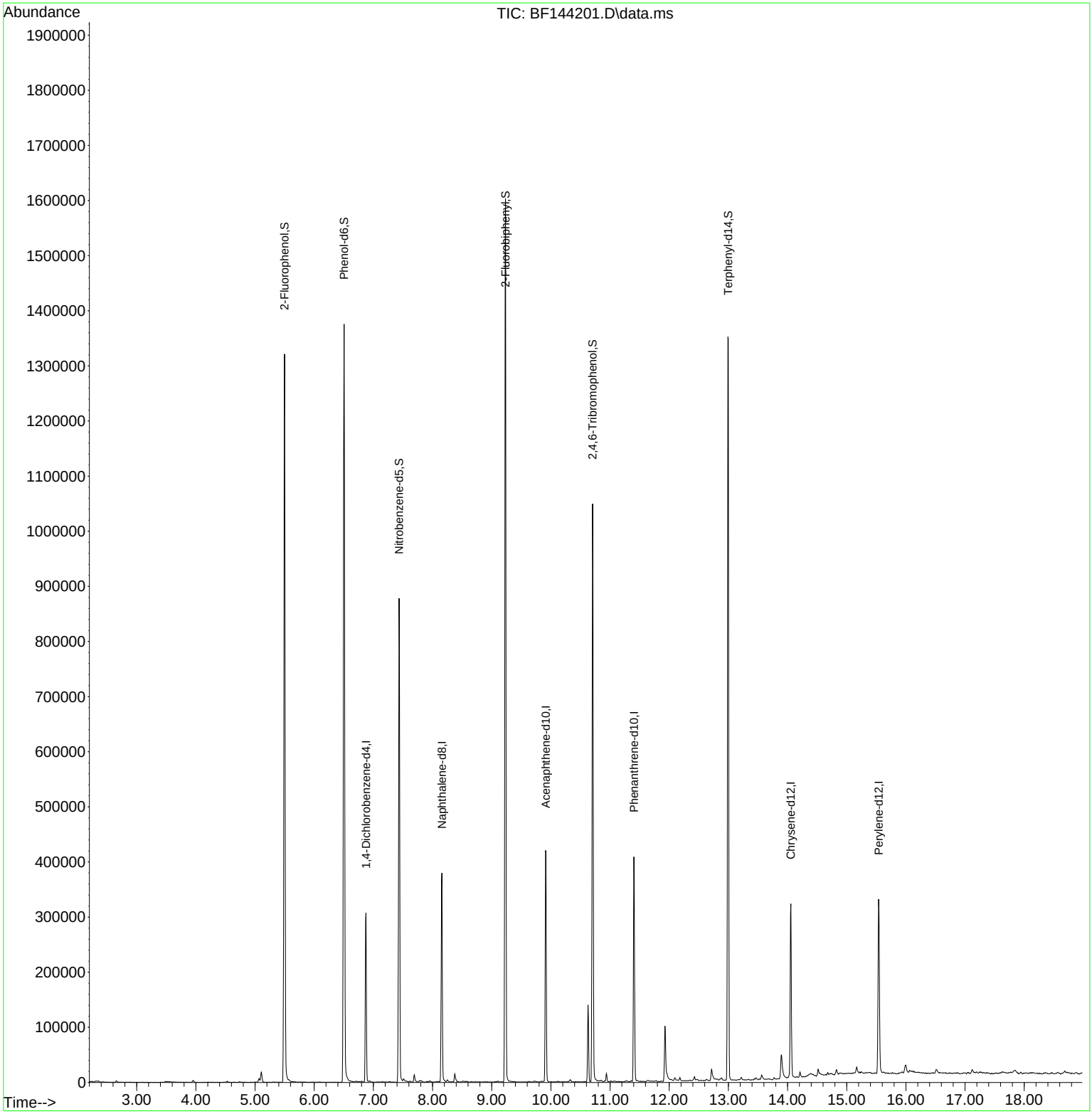
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66900	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	248822	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132870	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	221346	20.000	ng	0.00
76) Chrysene-d12	14.057	240	167727	20.000	ng	0.00
86) Perylene-d12	15.539	264	213949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503087	117.678	ng	0.00
7) Phenol-d6	6.504	99	582365	120.223	ng	0.00
23) Nitrobenzene-d5	7.434	82	371885	86.320	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210459	126.223	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	758037	84.261	ng	0.00
79) Terphenyl-d14	12.998	244	741841	70.254	ng	0.00
Target Compounds						Qvalue

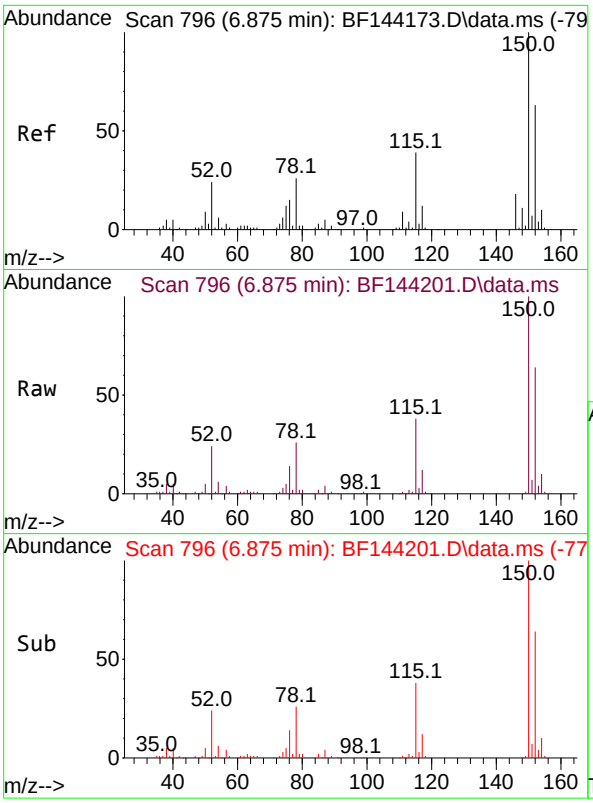
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



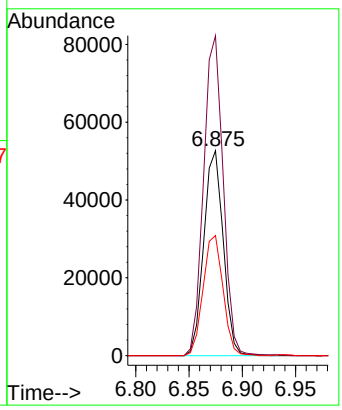


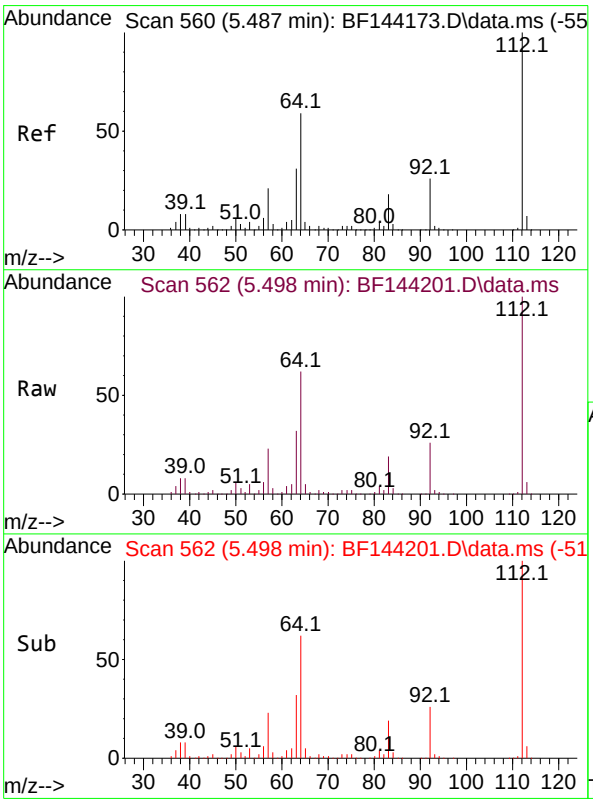
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:152 Resp: 66900

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	58.6	49.5	74.3

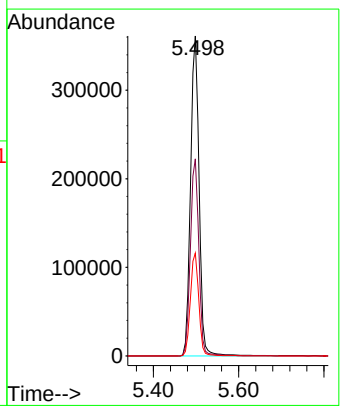


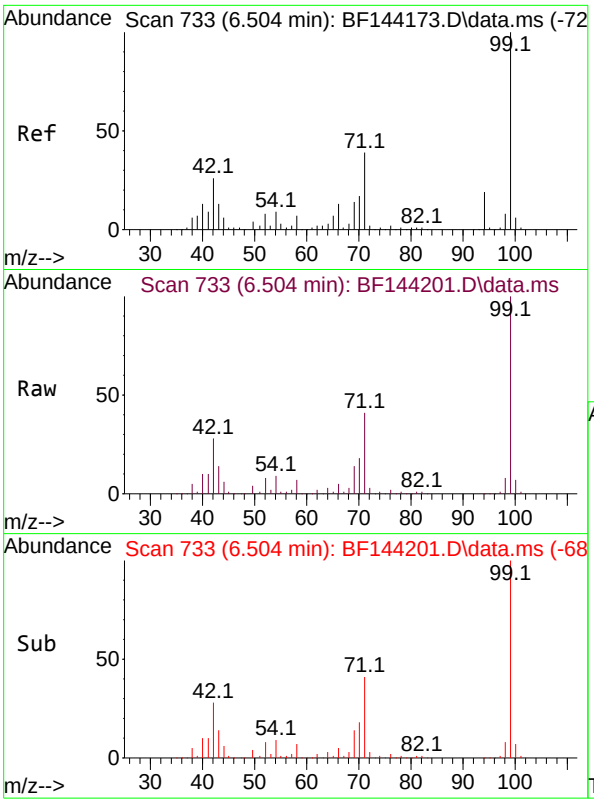


#5
2-Fluorophenol
Concen: 117.678 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:112 Resp: 503087

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.2	70.8
63	32.1	24.4	36.6



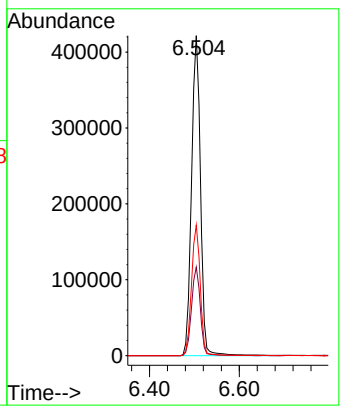


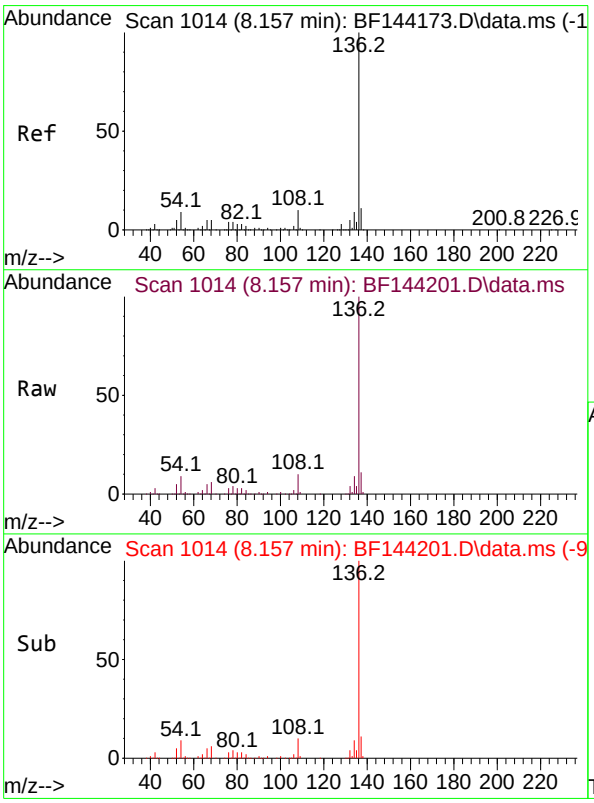
#7
Phenol-d6
Concen: 120.223 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion: 99 Resp: 582365

Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.9	31.3
71	40.8	31.4	47.2

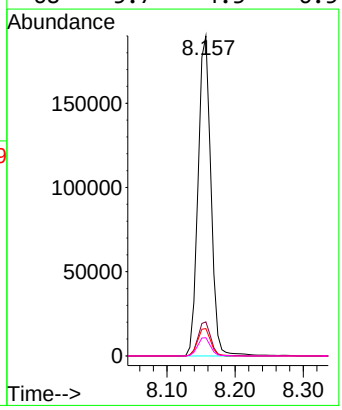


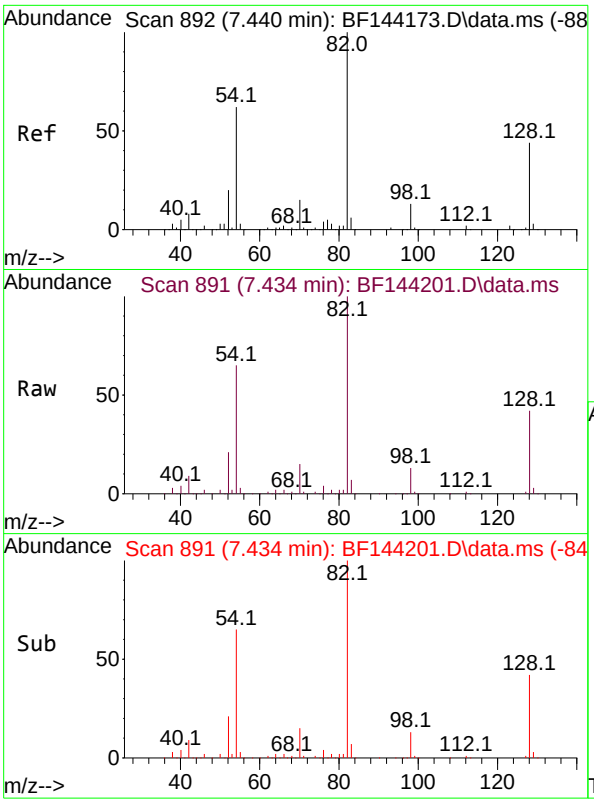


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:136 Resp: 248822

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	7.0	10.6
68	5.7	4.3	6.5



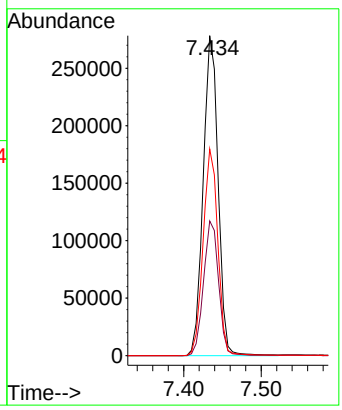


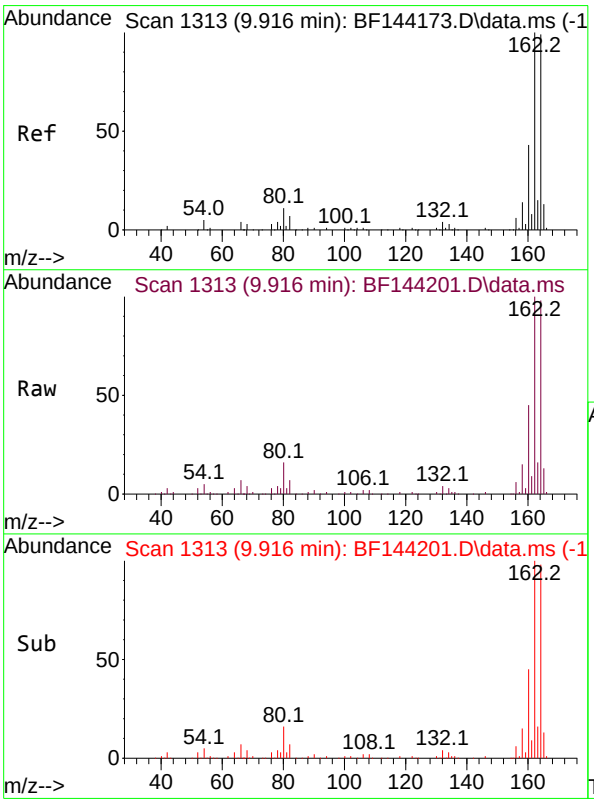
#23
Nitrobenzene-d5
Concen: 86.320 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion: 82 Resp: 371885

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.7	52.1
54	64.6	49.5	74.3

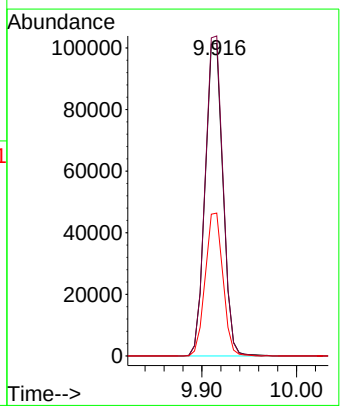


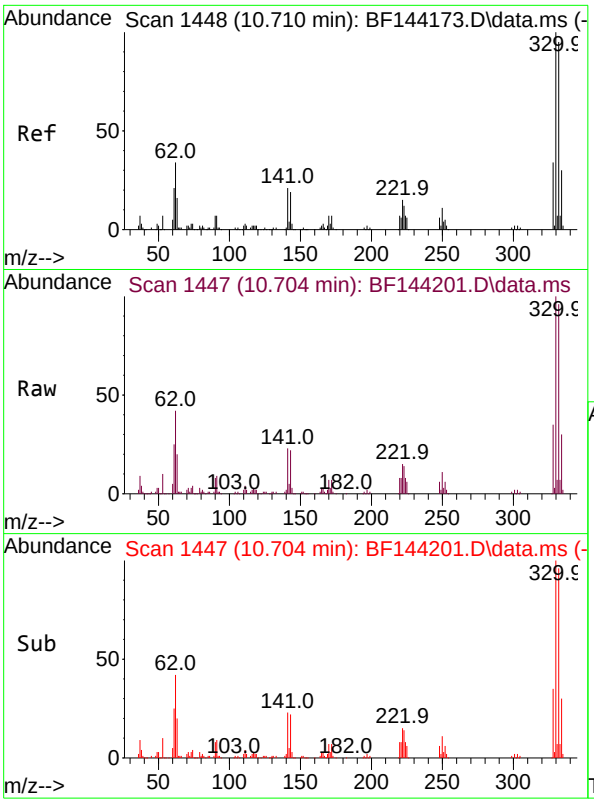


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:164 Resp: 132870

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	45.7	34.5	51.7



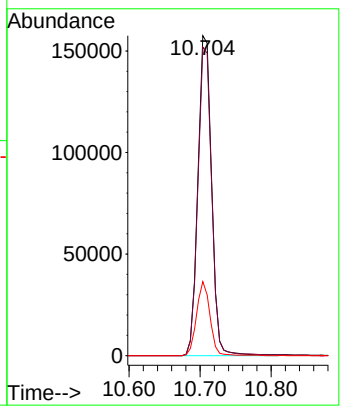


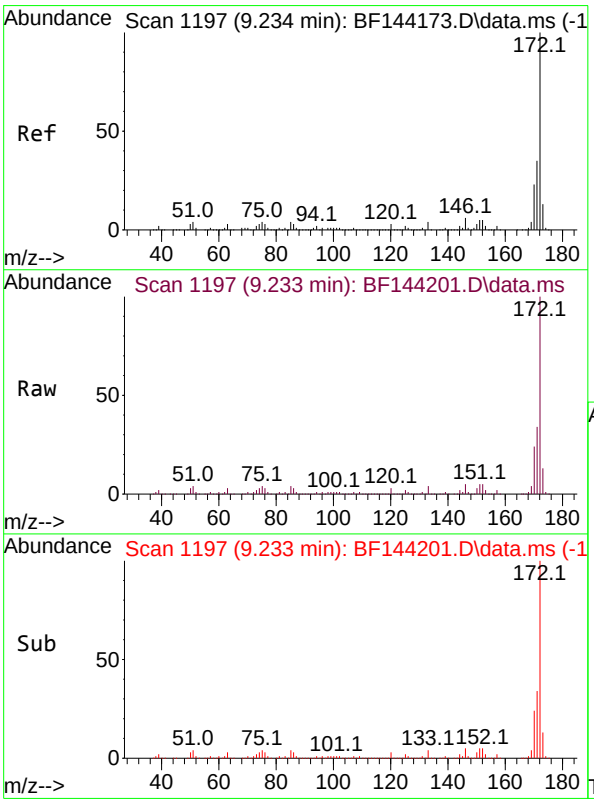
#42
2,4,6-Tribromophenol
Concen: 126.223 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:330 Resp: 210459

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	22.5	17.8	26.8

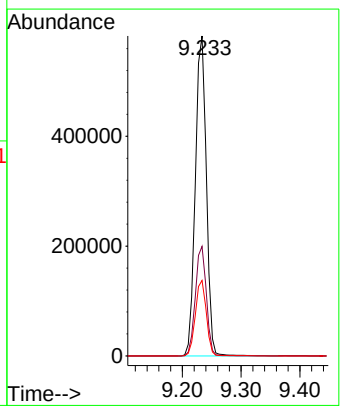


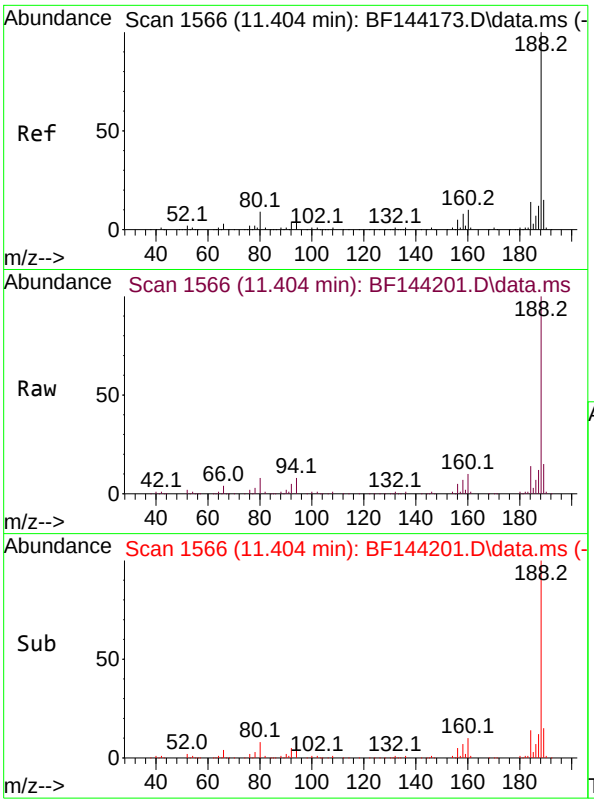


#45
2-Fluorobiphenyl
Concen: 84.261 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:172 Resp: 758037

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.6	18.6	28.0



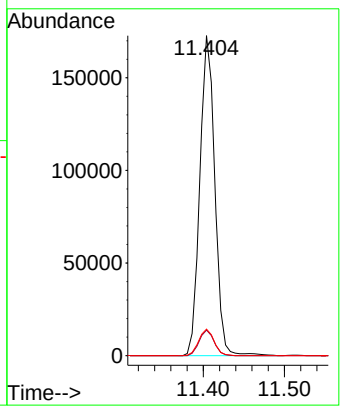


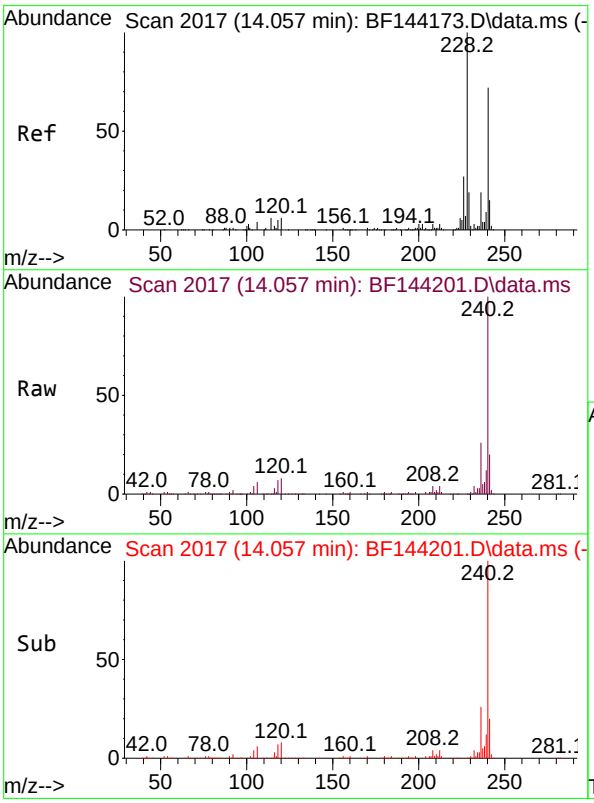
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:188 Resp: 221346

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.3	6.9	10.3

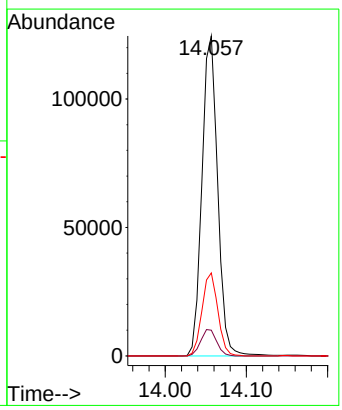


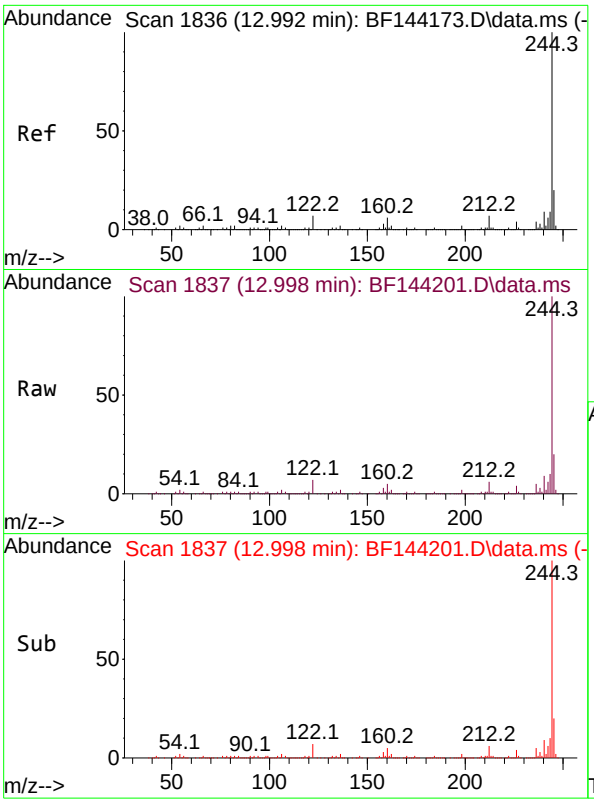


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:240 Resp: 167727

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.9	21.4	32.2



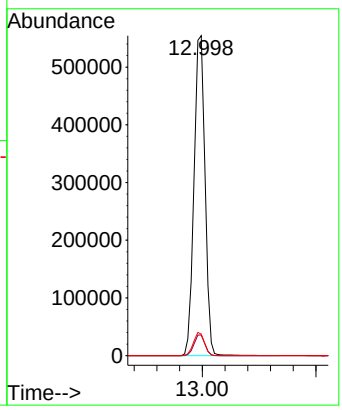


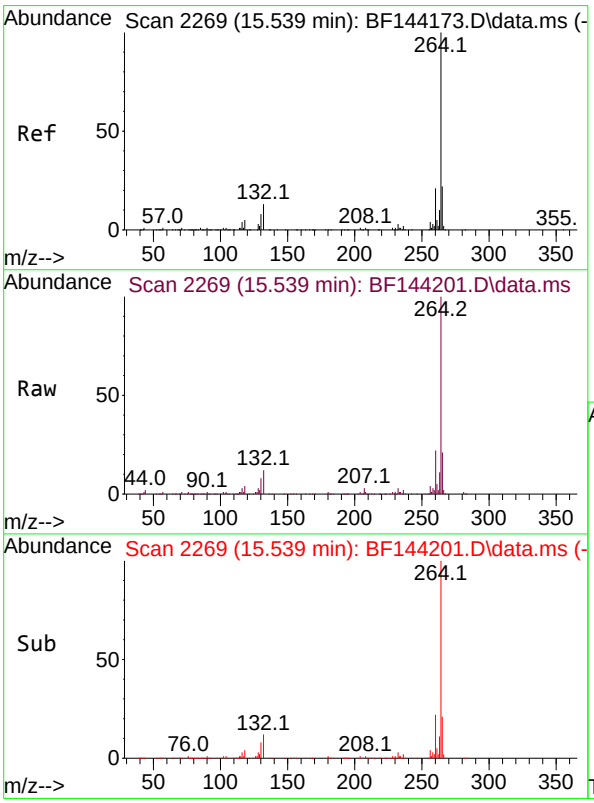
#79
Terphenyl-d14
Concen: 70.254 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:244 Resp: 741841

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	6.7	5.6	8.4

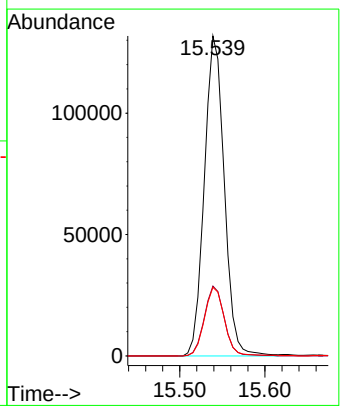




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:264 Resp: 213949

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.1	25.7
265	21.4	17.4	26.0



Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	508	rVB	18289	30055	1.45%	0.221%
2	5.498	556	562	573	rBV	1320816	1804168	86.77%	13.253%
3	6.504	727	733	748	rBV	1375412	1890063	90.90%	13.884%
4	6.875	791	796	801	rBV	306814	394228	18.96%	2.896%
5	7.434	885	891	901	rBV	877668	1167863	56.16%	8.579%
6	7.692	930	935	945	rVB	13468	22000	1.06%	0.162%
7	8.157	1008	1014	1026	rVB	378523	493100	23.71%	3.622%
8	8.375	1047	1051	1059	rBV2	14502	22747	1.09%	0.167%
9	9.233	1191	1197	1202	rBV	1602537	2079372	100.00%	15.275%
10	9.910	1307	1312	1318	rBV	418972	542355	26.08%	3.984%
11	10.627	1429	1434	1440	rBV	139438	173087	8.32%	1.271%
12	10.704	1442	1447	1463	rBV	1048293	1364866	65.64%	10.026%
13	11.404	1561	1566	1573	rBV	407684	515985	24.81%	3.790%
14	11.927	1650	1655	1670	rBV2	100702	176581	8.49%	1.297%
15	12.716	1784	1789	1799	rBV2	20252	42136	2.03%	0.310%
16	12.992	1831	1836	1842	rBV	1348239	1806935	86.90%	13.274%
17	13.898	1983	1990	2005	rBV	43443	103659	4.99%	0.761%
18	14.057	2009	2017	2030	rVV	315351	432879	20.82%	3.180%
19	15.539	2263	2269	2280	rBV	316307	520143	25.01%	3.821%
20	15.998	2341	2347	2354	rBV4	13873	30847	1.48%	0.227%

Sum of corrected areas: 13613069

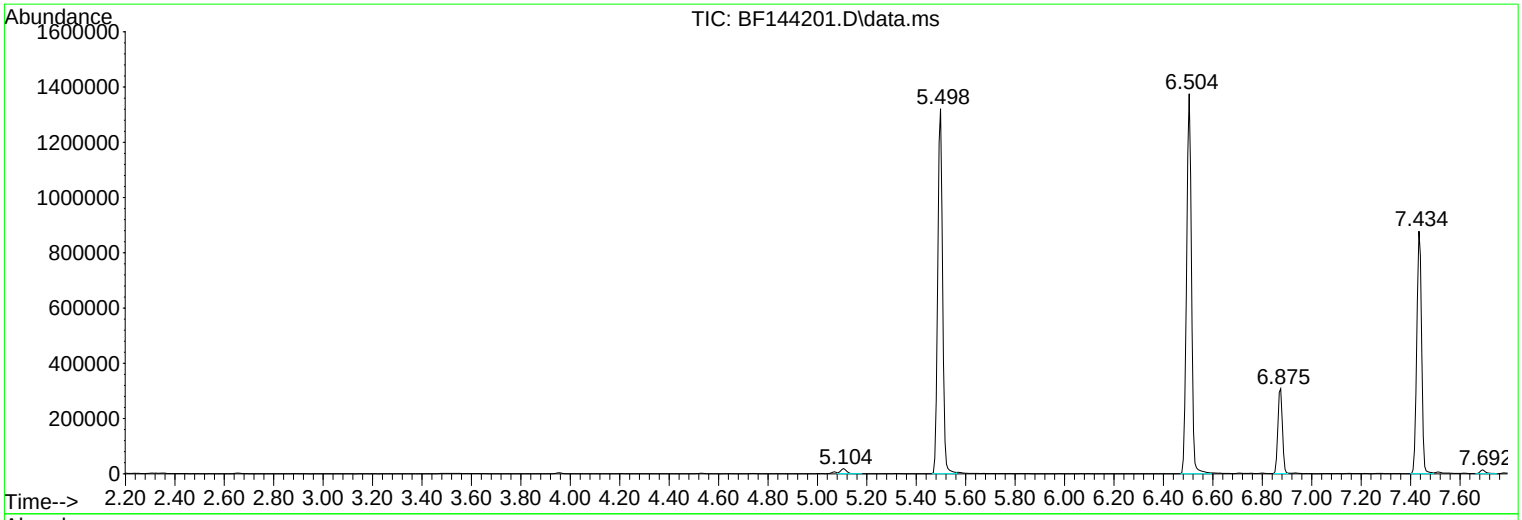
Sample Results: **BF144201.D**

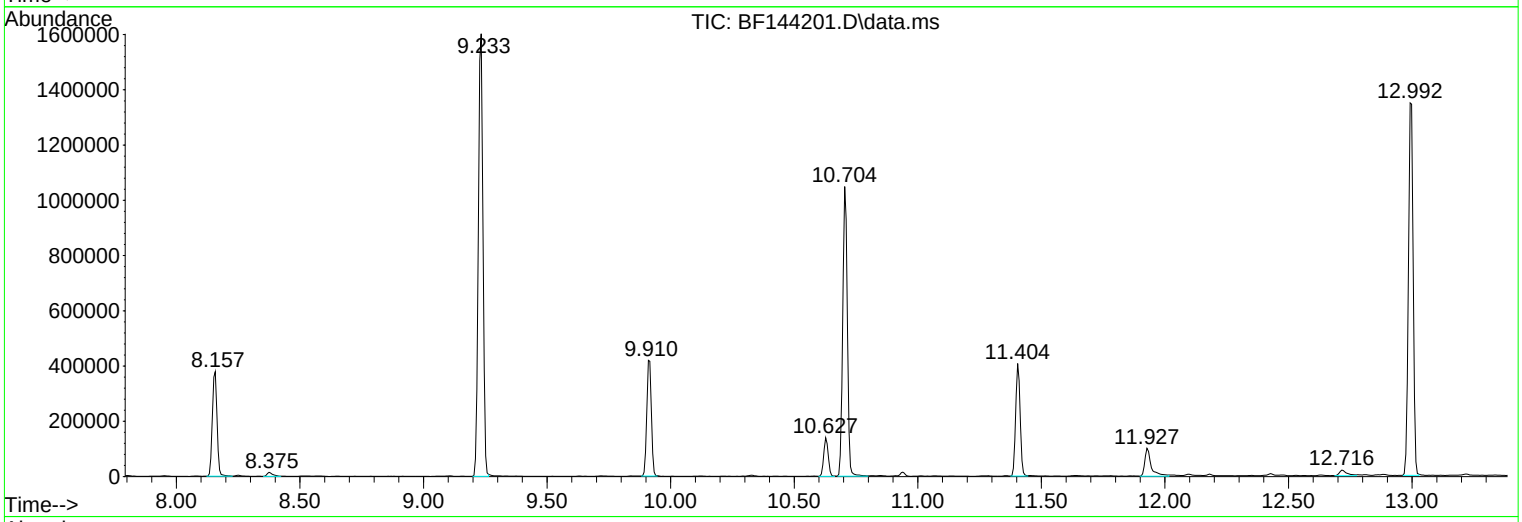
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

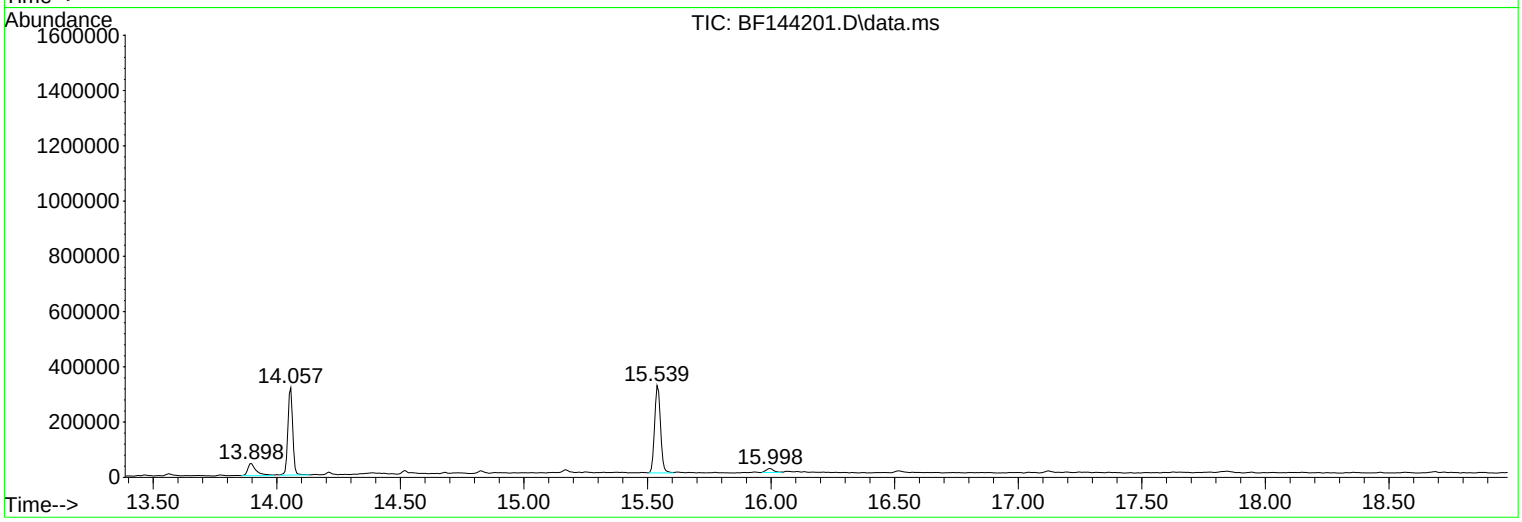
Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

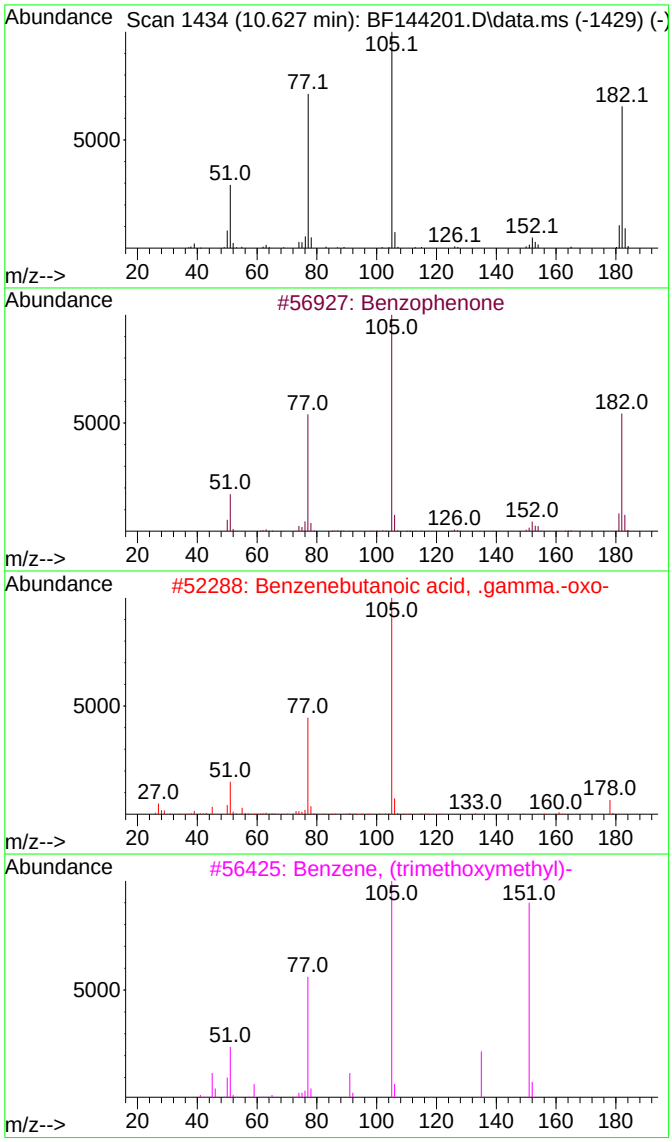
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

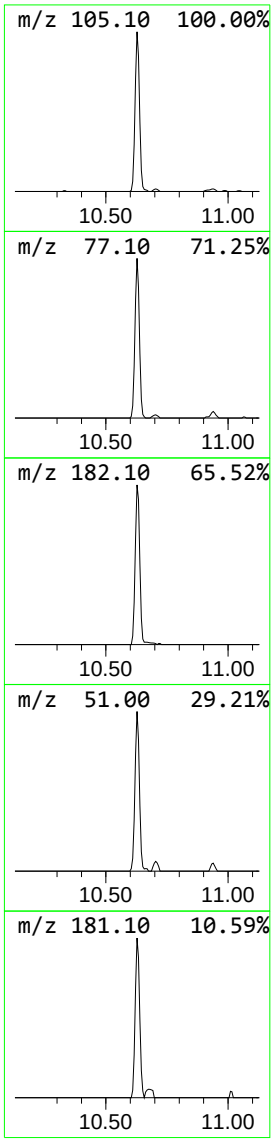
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.38 ng	173087	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
3	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	43
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	43
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

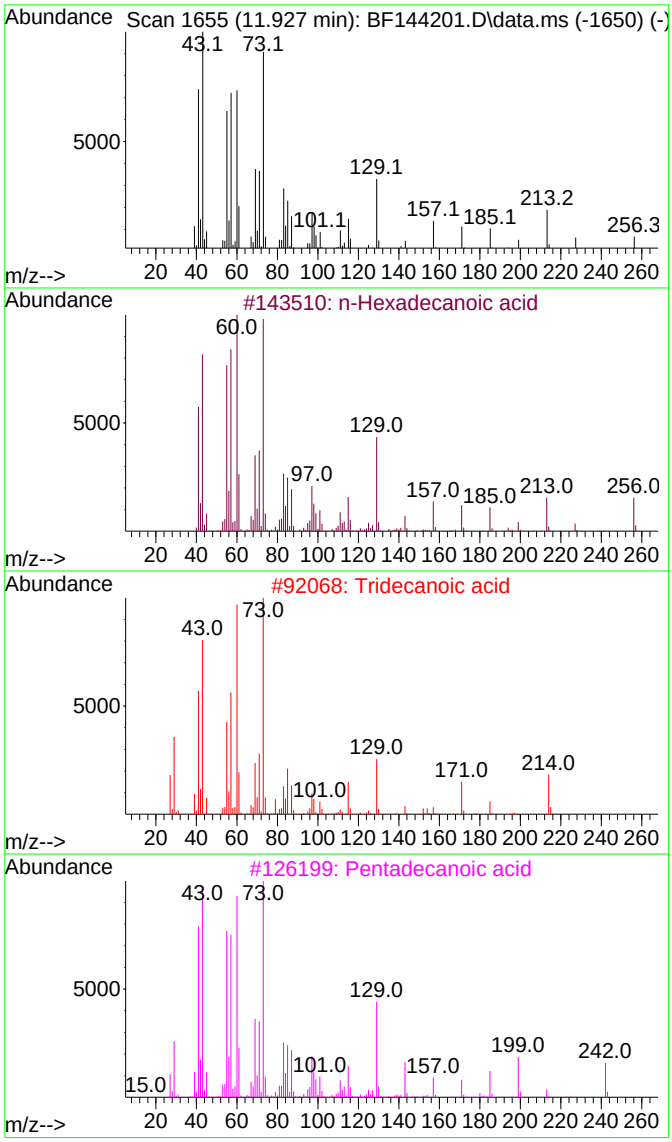
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

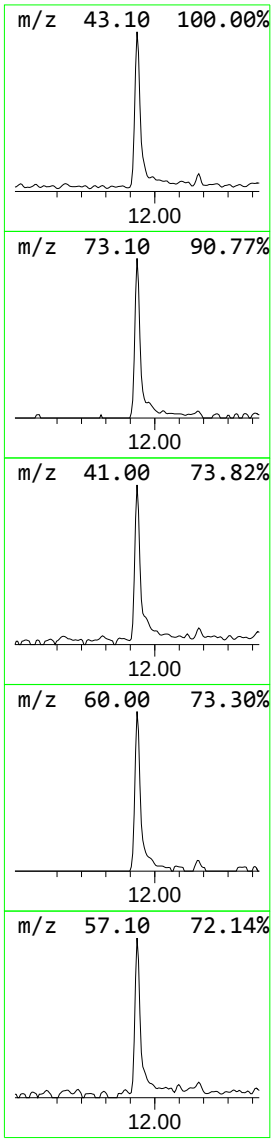
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.84 ng	176581	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

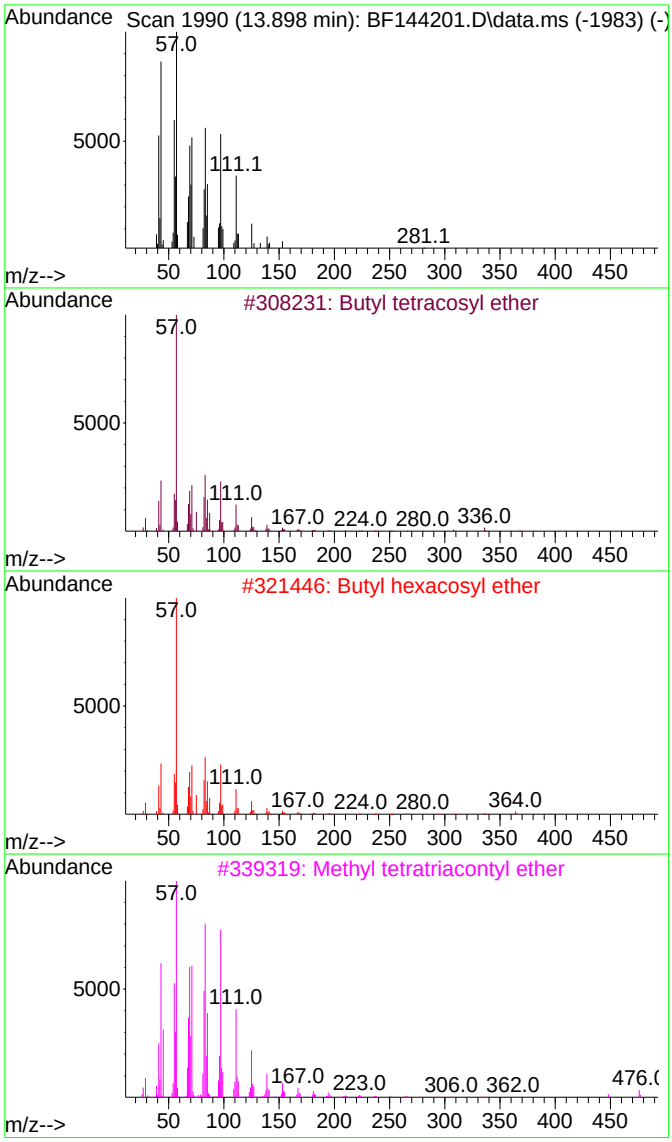
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

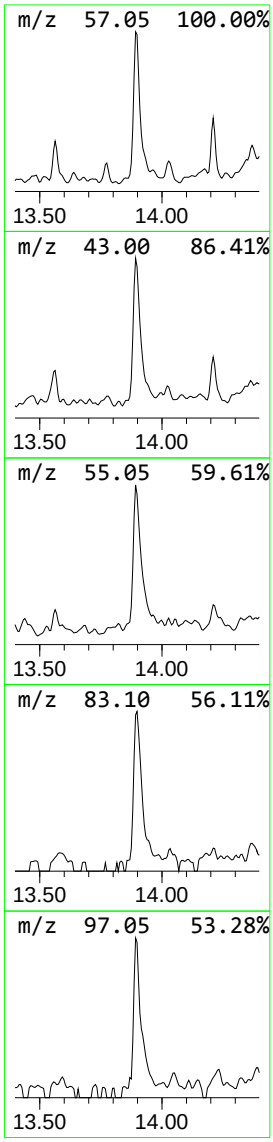
****

Peak Number 3 Butyl tetracosyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.79 ng	103659	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	91
2	Butyl hexacosyl ether	438	C30H62O	1000406-41-0	91
3	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.628	6.4	ng	173087	3	9.916	542355	20.0
n-Hexadecanoic ...	11.927	6.8	ng	176581	4	11.404	515985	20.0
Butyl tetracosy...	13.898	4.8	ng	103659	5	14.057	432879	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

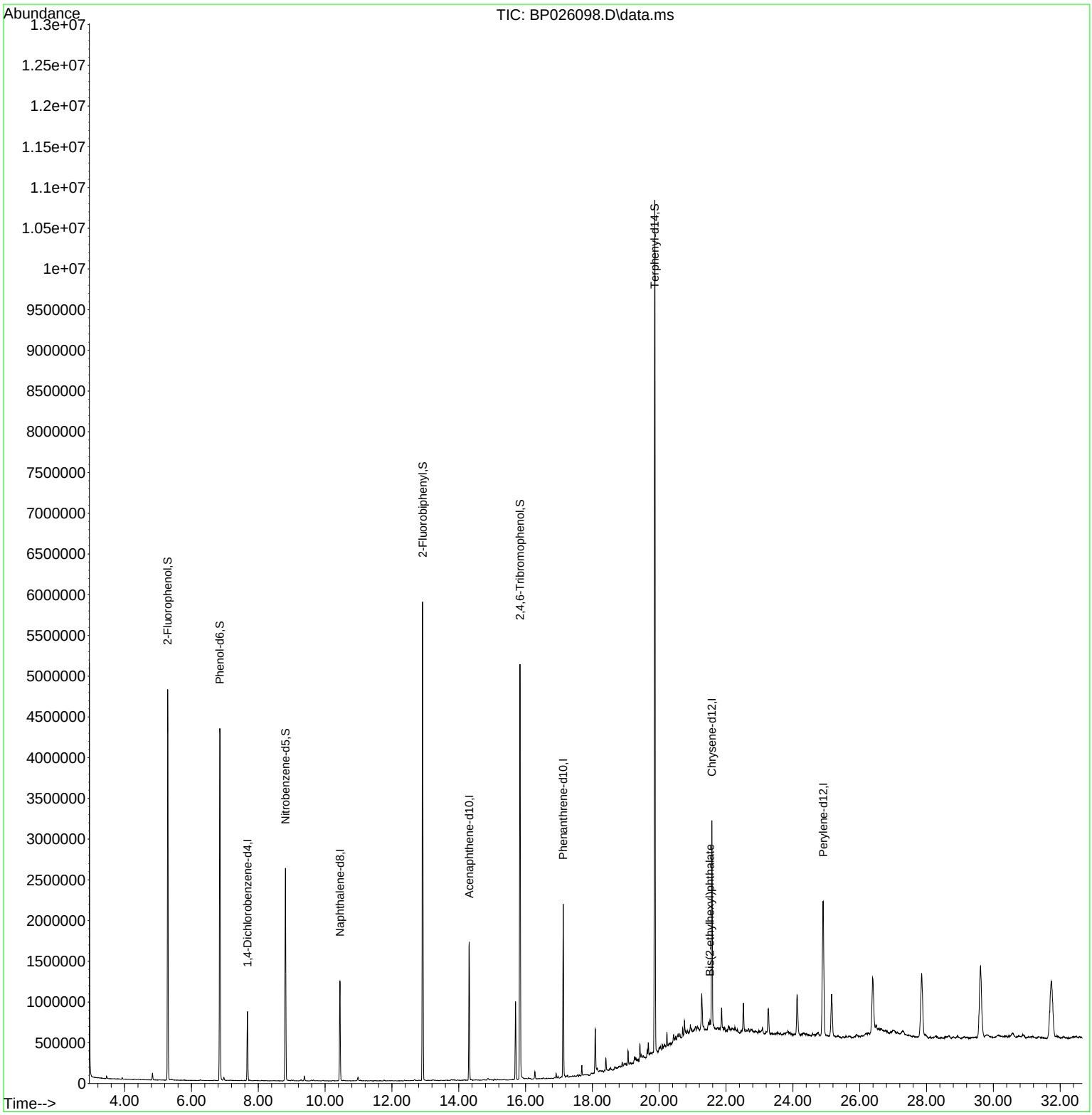
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	249884	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	984033	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	622887	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1353624	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1635330	20.000	ng	0.01
86) Perylene-d12	24.907	264	1941015	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2077906	137.214	ng	0.00
7) Phenol-d6	6.849	99	2598995	134.839	ng	0.00
23) Nitrobenzene-d5	8.813	82	1442241	91.368	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1120470	166.390	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	3428382	79.089	ng	-0.01
79) Terphenyl-d14	19.866	244	6074059	75.462	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.519	149	51211	3.332	ng	# 95

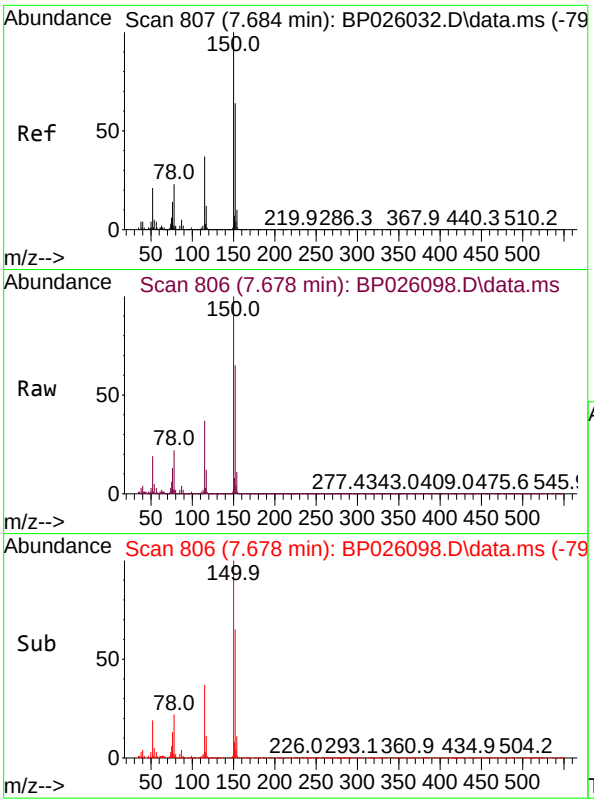
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



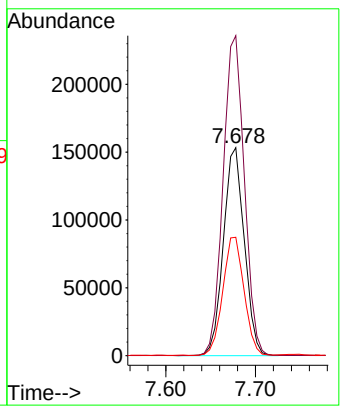


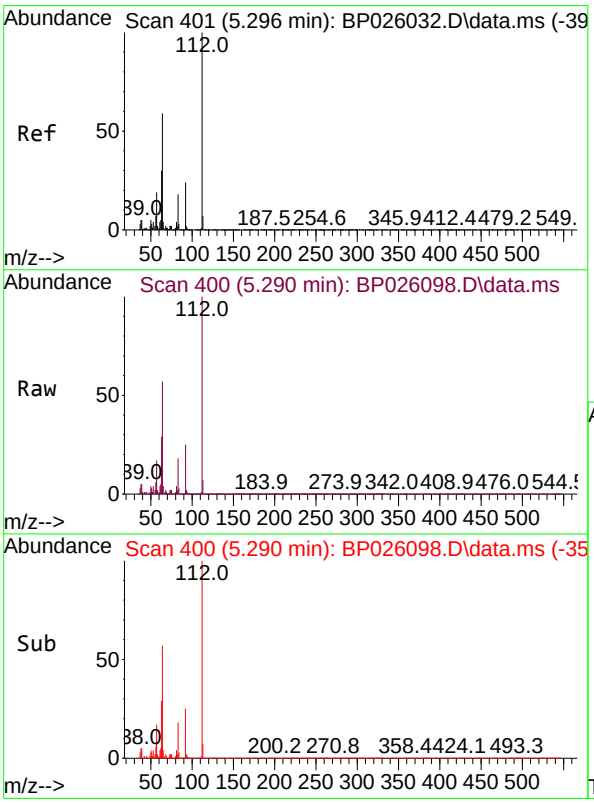
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:152 Resp: 249884

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.7	188.5
115	56.9	46.4	69.6

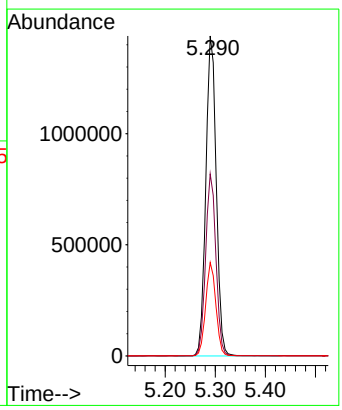


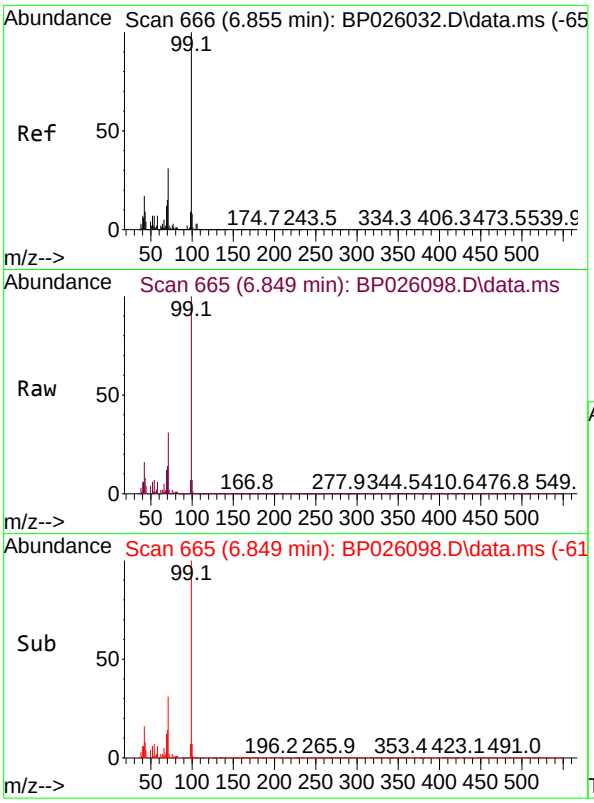


#5
2-Fluorophenol
Concen: 137.214 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:112 Resp: 2077906

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	29.2	24.2	36.4



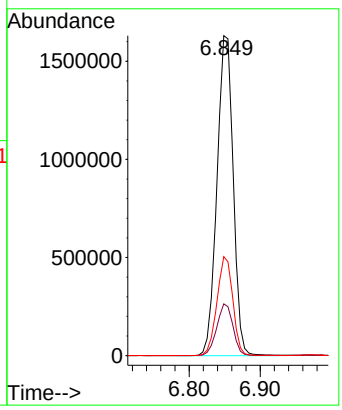


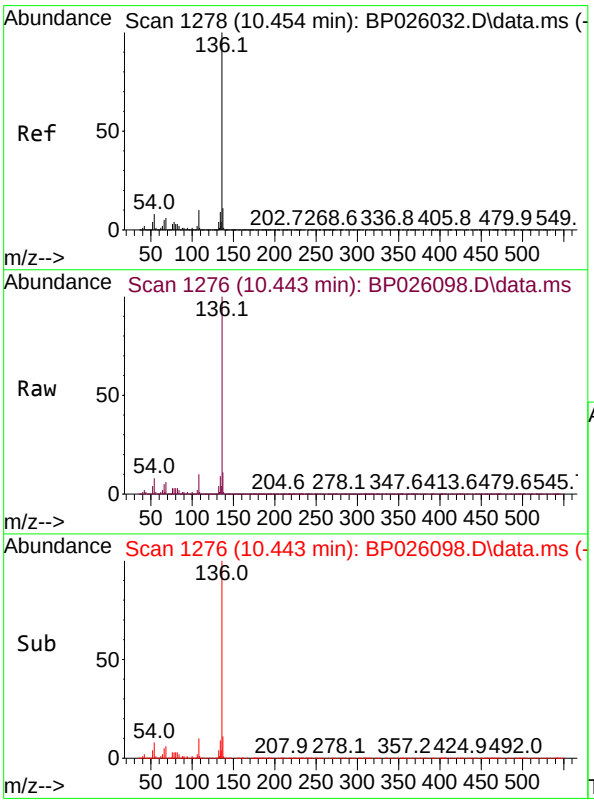
#7
Phenol-d6
Concen: 134.839 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion: 99 Resp: 2598995

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	30.9	24.4	36.6

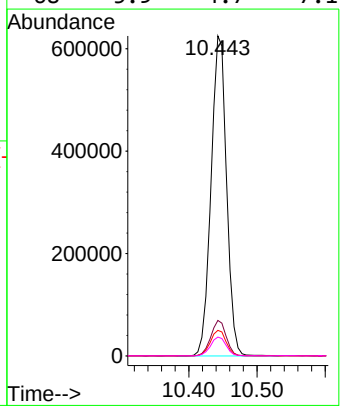


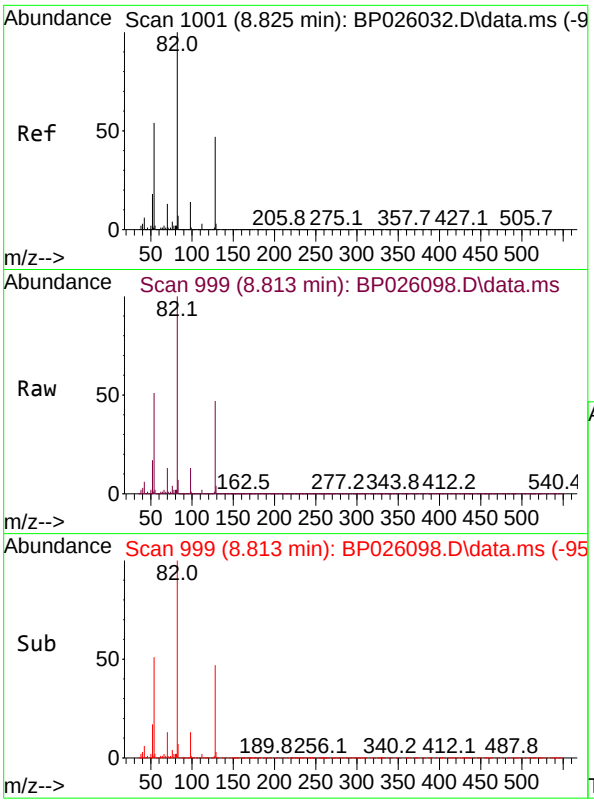


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:136 Resp: 984033

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.6	10.0
68	5.9	4.7	7.1



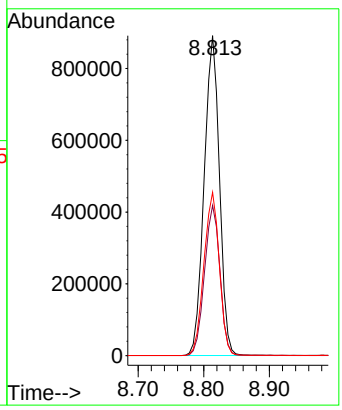


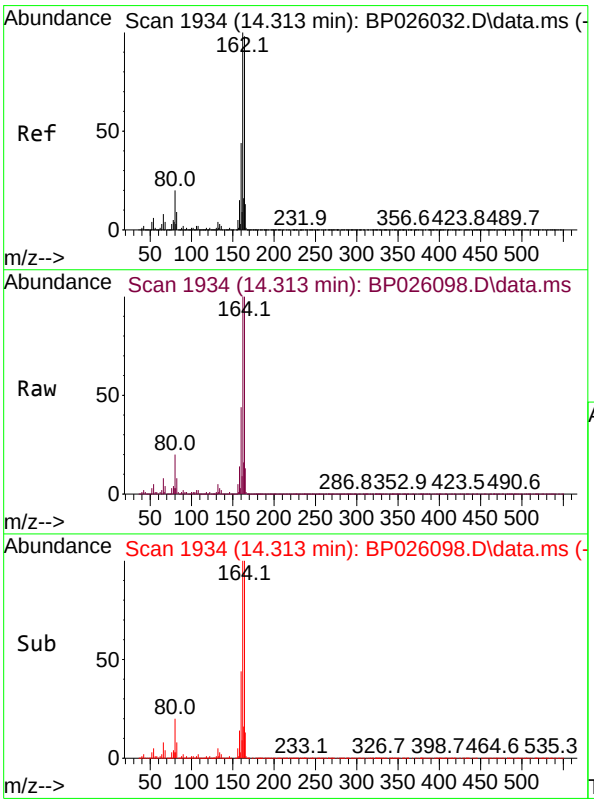
#23
Nitrobenzene-d5
Concen: 91.368 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion: 82 Resp: 1442241

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.0	42.7	64.1

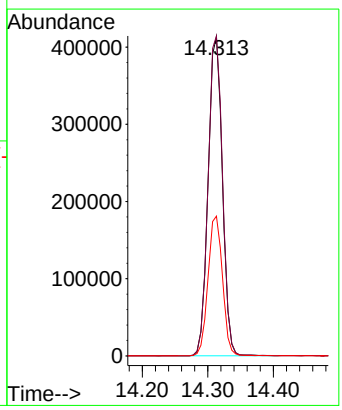


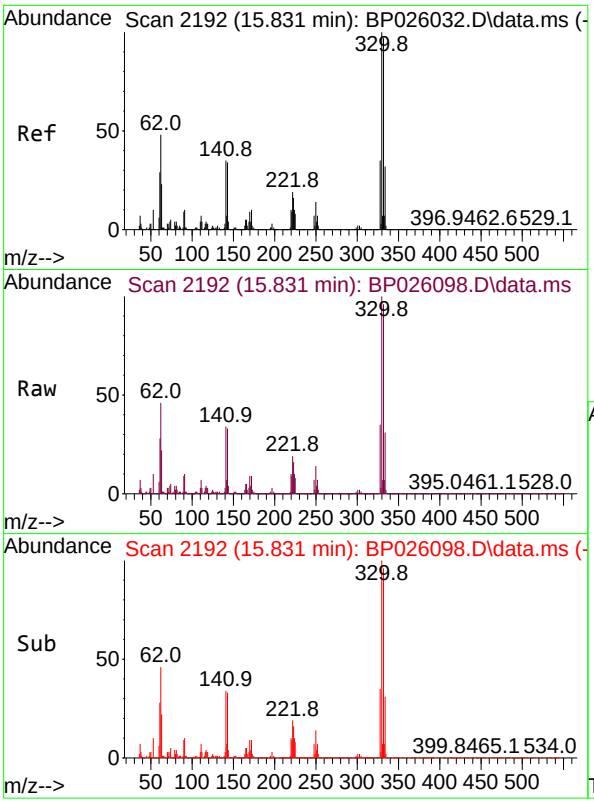


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:164 Resp: 622887

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.5	122.3
160	43.8	36.2	54.4



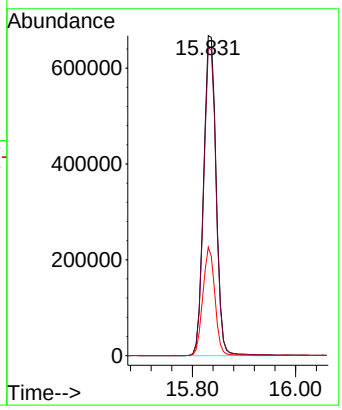


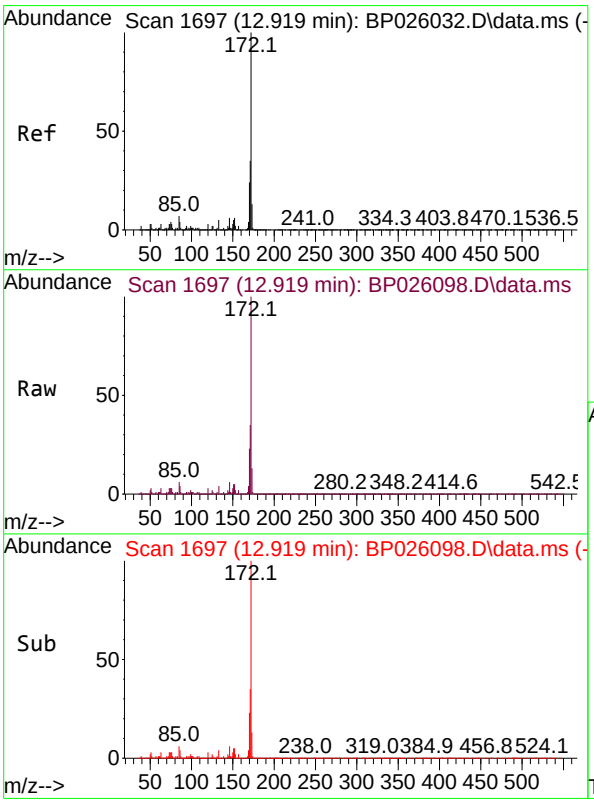
#42
2,4,6-Tribromophenol
Concen: 166.390 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:330 Resp: 1120470

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.8	28.6	42.8

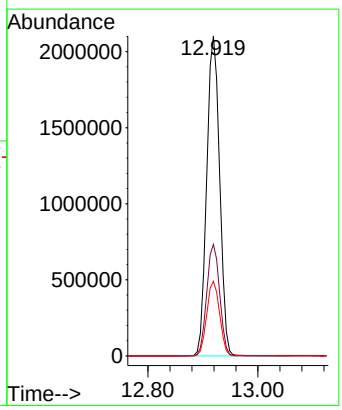


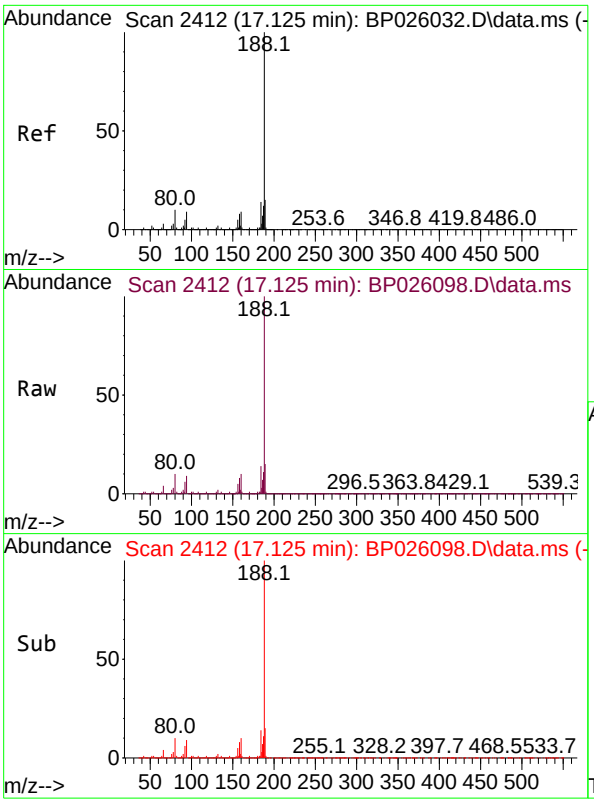


#45
2-Fluorobiphenyl
Concen: 79.089 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:172 Resp: 3428382

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.0	28.4



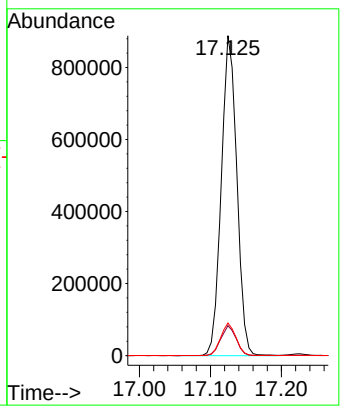


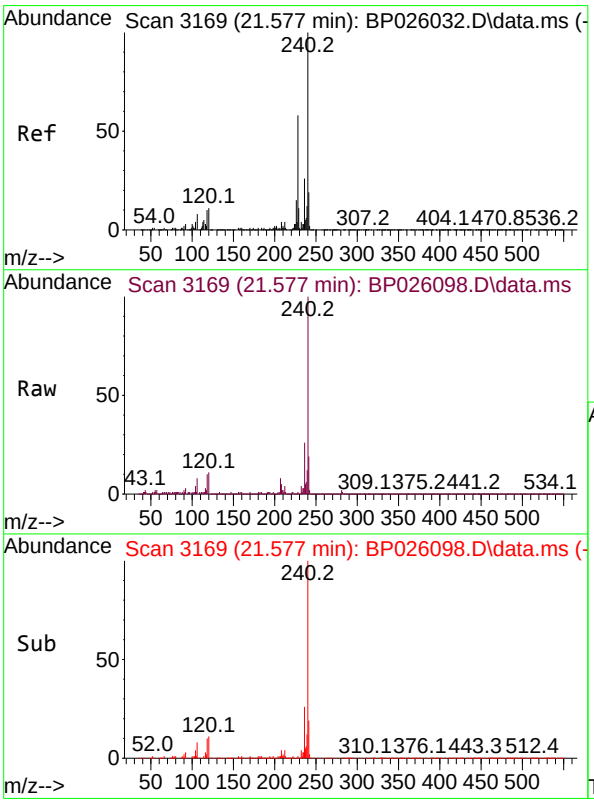
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:188 Resp: 1353624

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.9	11.9

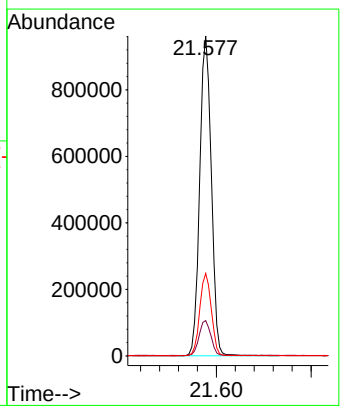


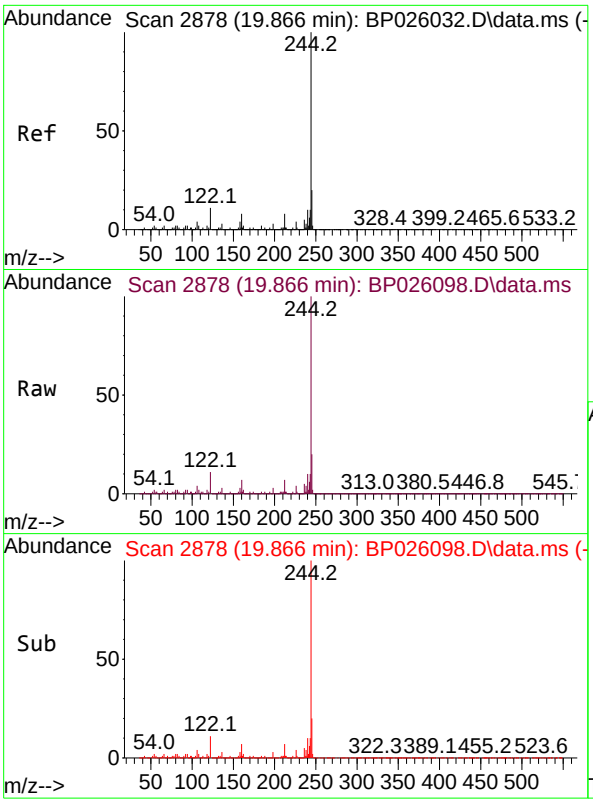


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:240 Resp: 1635330

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.8	20.6	31.0



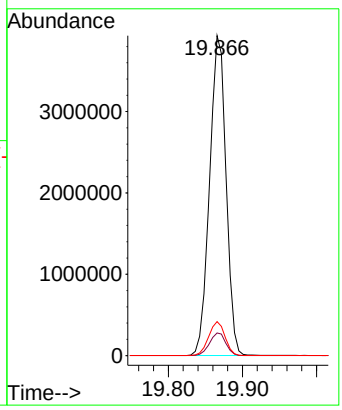


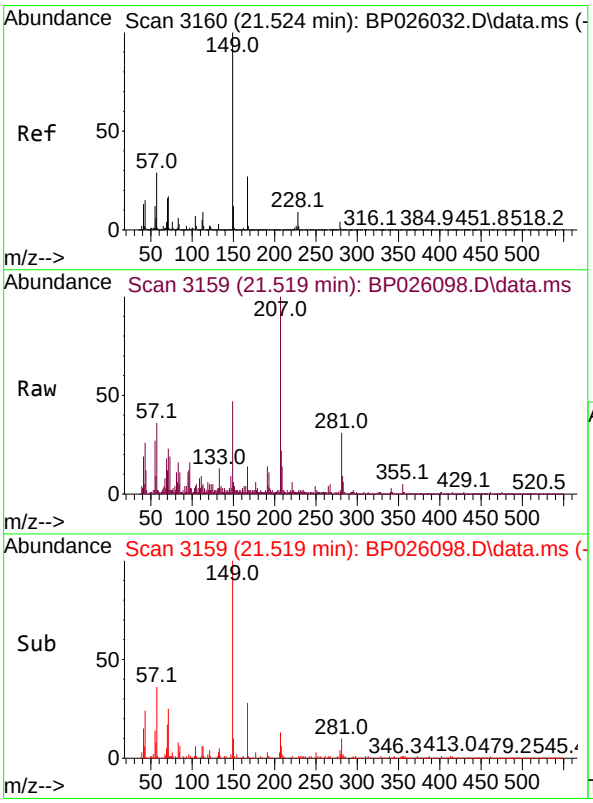
#79
Terphenyl-d14
Concen: 75.462 ng
RT: 19.866 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:244 Resp: 6074059

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.6	9.0	13.6

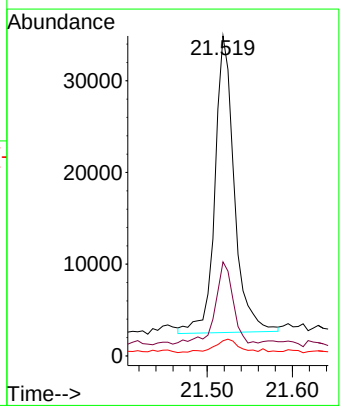


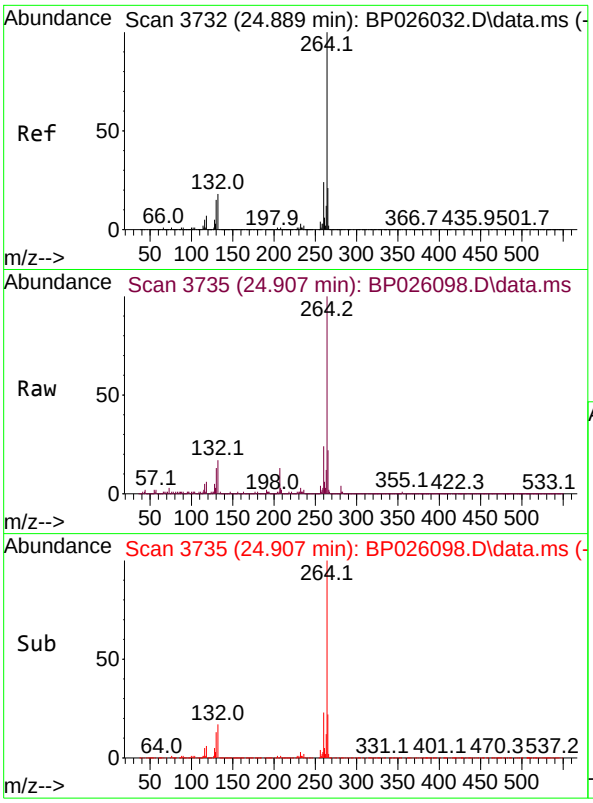


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.332 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:149 Resp: 51211

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.5	32.3
279	4.7	3.0	4.6#



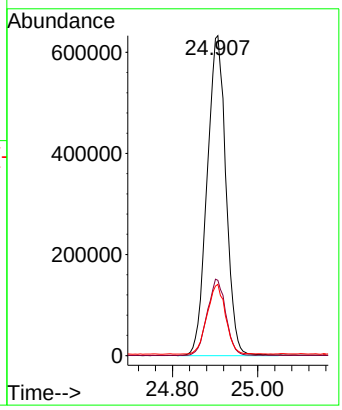


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:264 Resp: 1941015

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.3	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

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:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	393	400	410	rBV	4796267	6856935	42.21%	7.983%
2	6.849	658	665	679	rBV	4321683	7007609	43.14%	8.159%
3	7.678	797	806	813	rBV	849971	1406428	8.66%	1.637%
4	8.813	990	999	1008	rBV	2609290	4273459	26.31%	4.976%
5	10.443	1267	1276	1284	rBV	1230486	1956144	12.04%	2.278%
6	12.919	1690	1697	1709	rBV	5877386	9569728	58.92%	11.142%
7	14.313	1927	1934	1940	rBV	1697096	2601192	16.01%	3.029%
8	15.701	2163	2170	2181	rVB	956790	1468175	9.04%	1.709%
9	15.831	2185	2192	2213	rVV	5092733	8390870	51.66%	9.769%
10	17.125	2406	2412	2419	rBV2	2123496	3265517	20.10%	3.802%
11	18.083	2570	2575	2583	rBV	544202	990709	6.10%	1.153%
12	18.401	2625	2629	2636	rBV	151926	238261	1.47%	0.277%
13	19.066	2738	2742	2748	rBV	176701	250243	1.54%	0.291%
14	19.419	2799	2802	2806	rBV	205752	301730	1.86%	0.351%
15	19.866	2871	2878	2890	rBV	10467613	16242942	100.00%	18.912%
16	20.230	2937	2940	2945	rVB2	173448	190846	1.17%	0.222%
17	20.754	3027	3029	3035	rVB3	144089	166873	1.03%	0.194%
18	21.271	3113	3117	3124	rVB3	399869	726774	4.47%	0.846%
19	21.577	3163	3169	3176	rVB2	2512412	4255300	26.20%	4.954%
20	21.866	3216	3218	3223	rVB	244304	293203	1.81%	0.341%
21	22.518	3325	3329	3335	rVB	336048	541814	3.34%	0.631%
22	23.265	3451	3456	3465	rVB2	313434	734319	4.52%	0.855%
23	24.124	3598	3602	3617	rVB	499847	1256497	7.74%	1.463%
24	24.907	3726	3735	3748	rVB	1646247	4991709	30.73%	5.812%
25	25.160	3772	3778	3789	rVB	513148	1424421	8.77%	1.658%
26	26.383	3982	3986	4000	rVB2	618676	1910737	11.76%	2.225%
27	29.618	4525	4536	4554	rVB	871491	3824469	23.55%	4.453%
28	31.730	4888	4895	4896	rBV	371021	752100	4.63%	0.876%

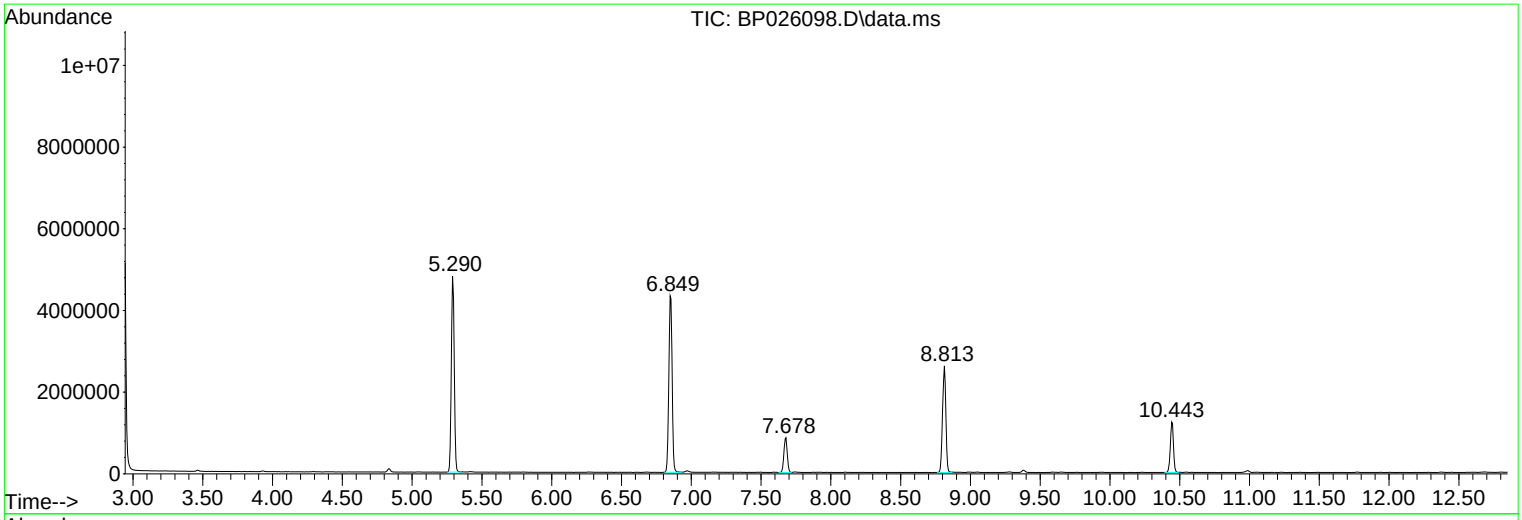
Sum of corrected areas: 85889004

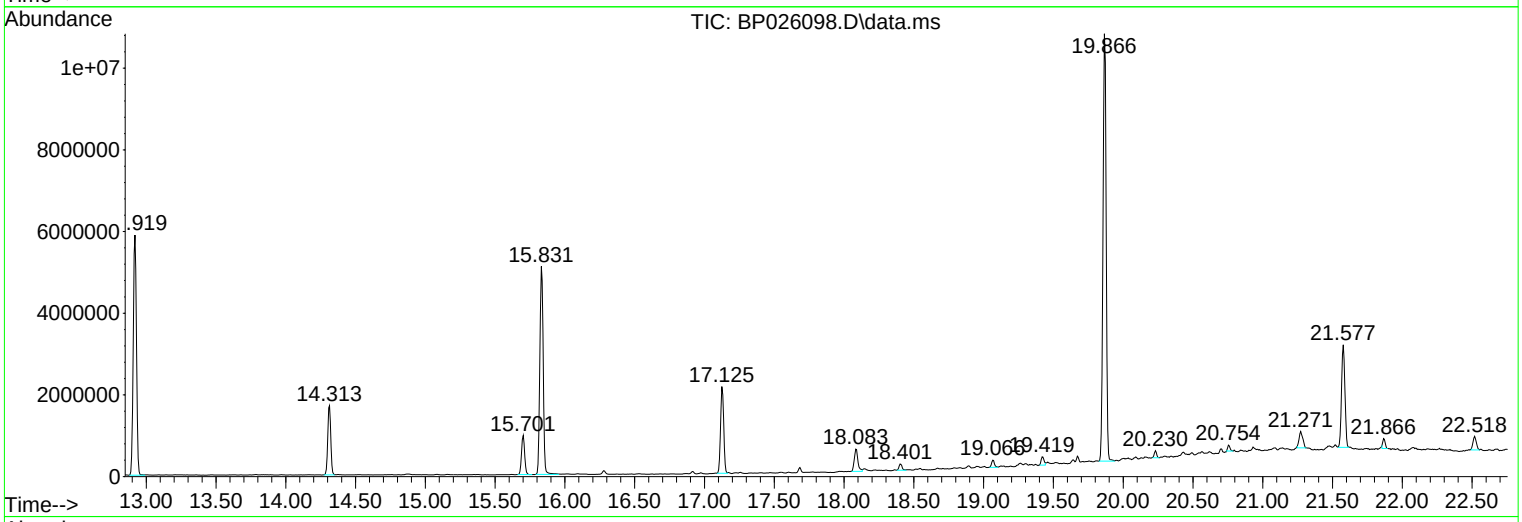
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

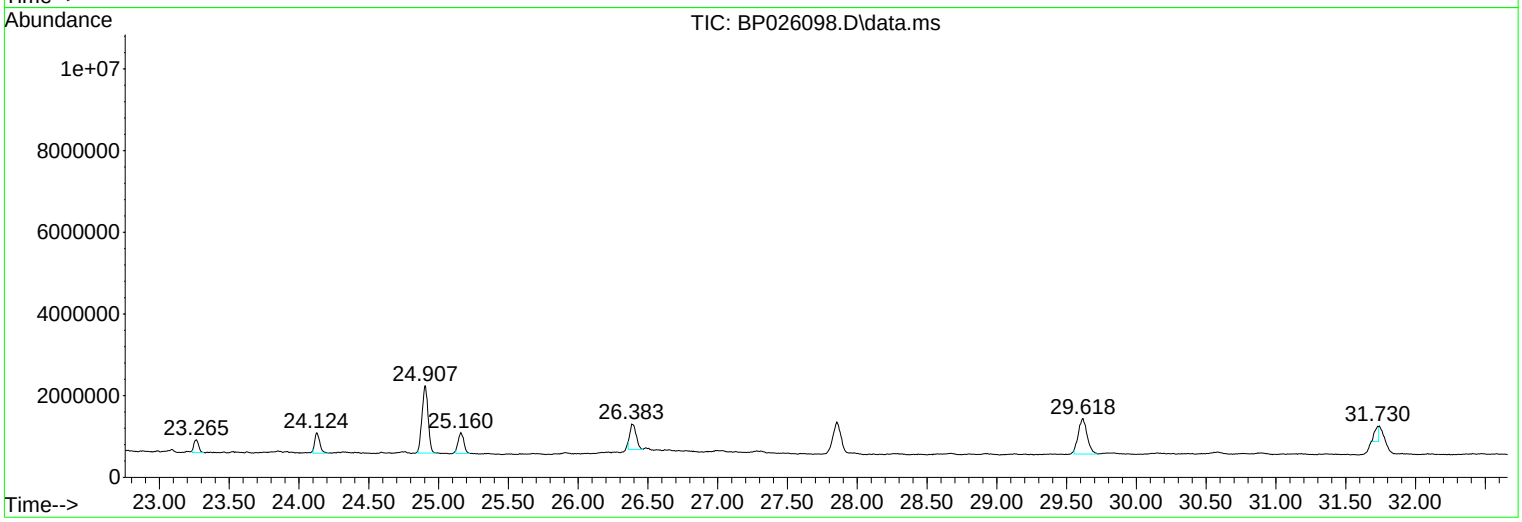
Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

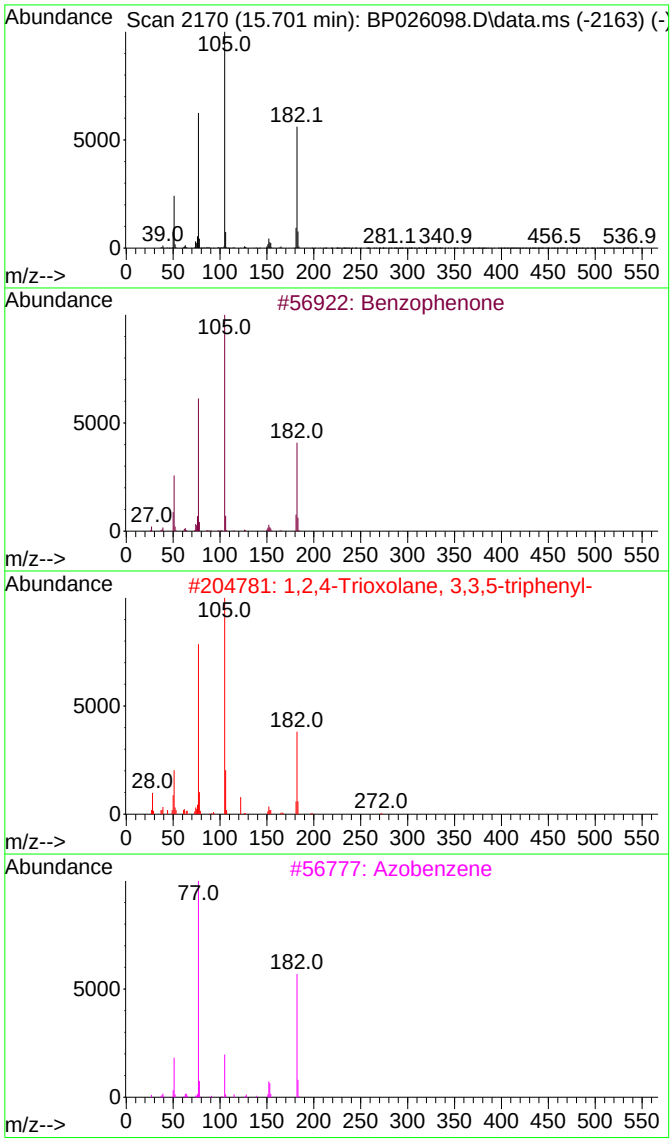
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

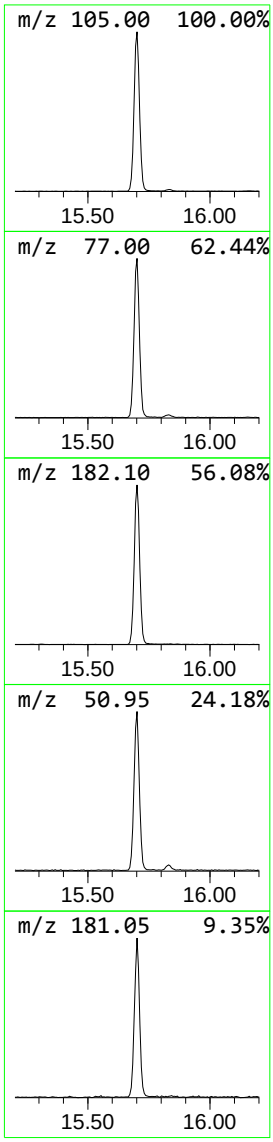
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	11.29 ng	1468180	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

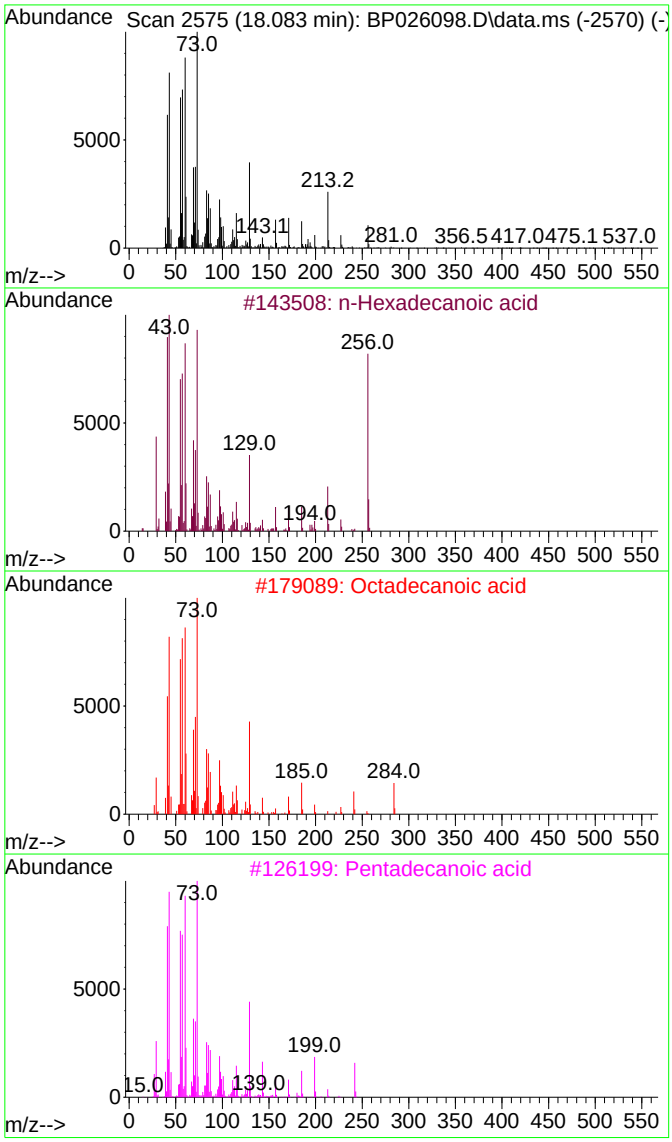
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

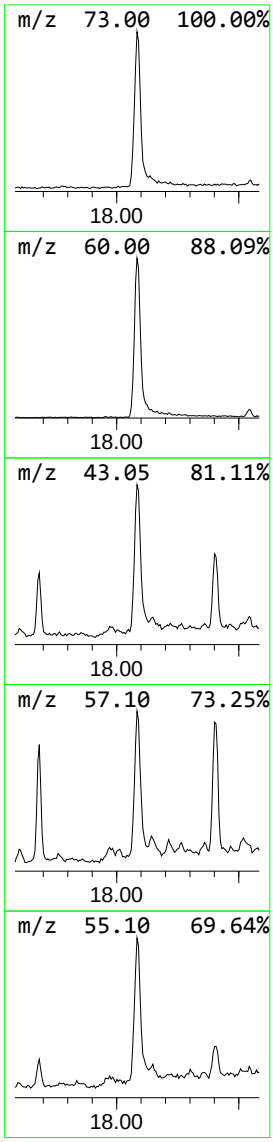
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	6.07 ng	990709	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

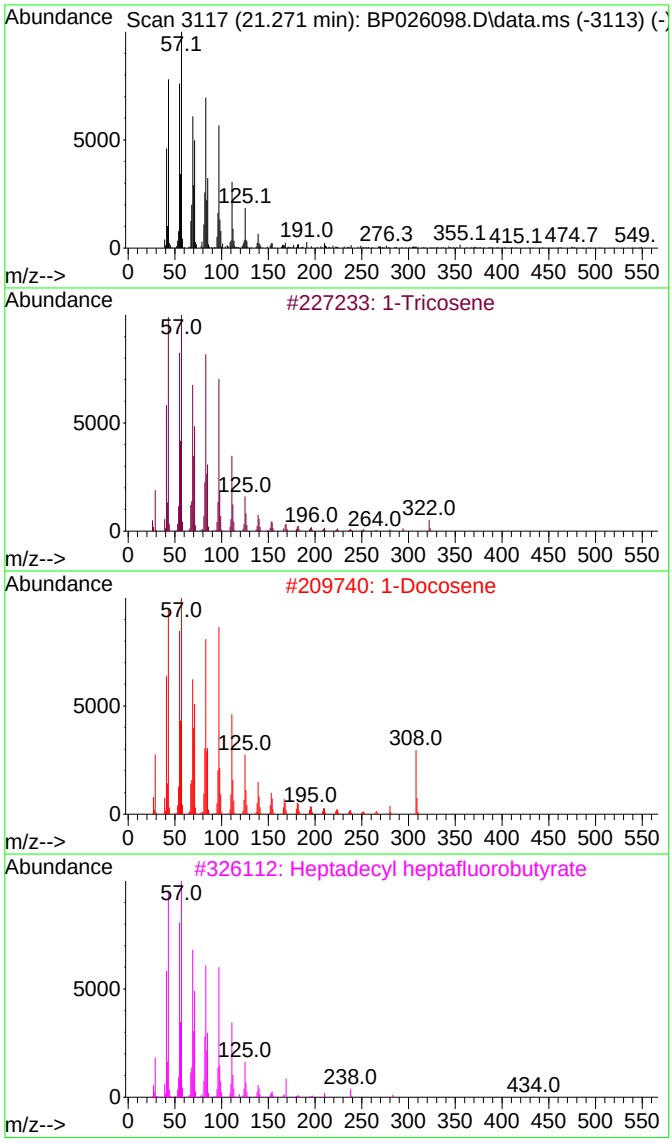
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

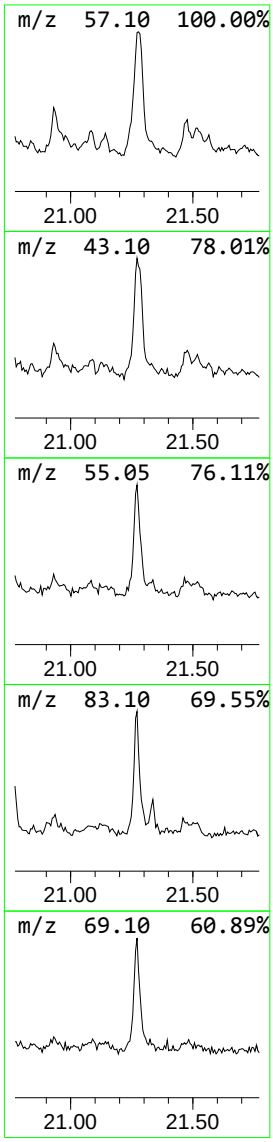
****

Peak Number 3 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.272	3.42 ng	726774	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Docosene	308	C22H44	001599-67-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

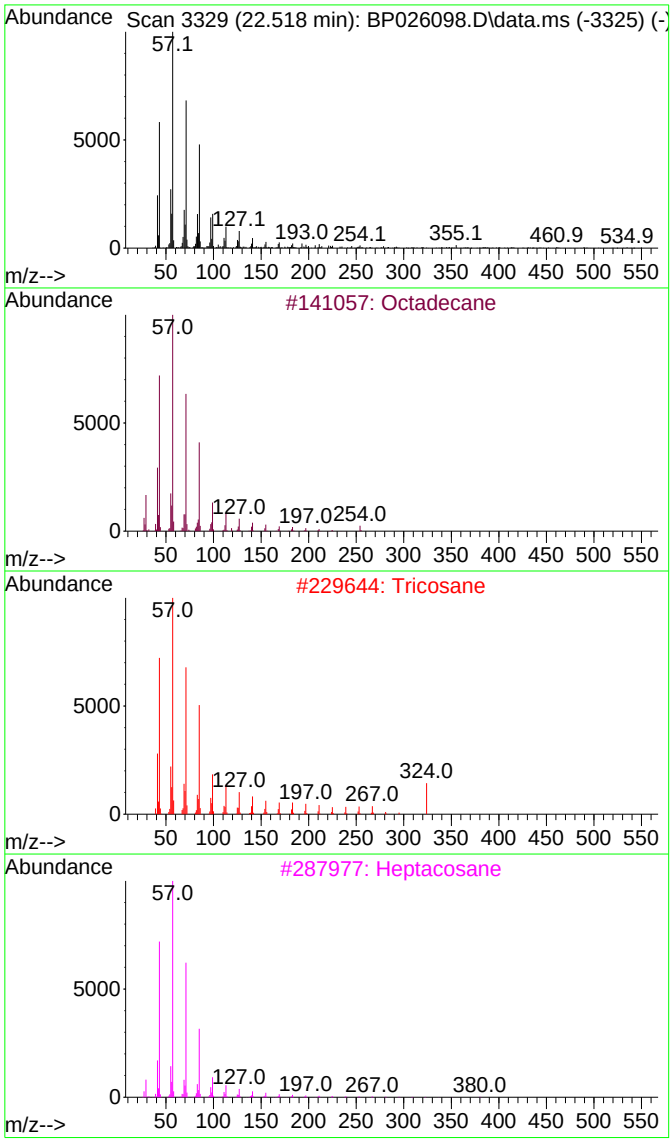
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

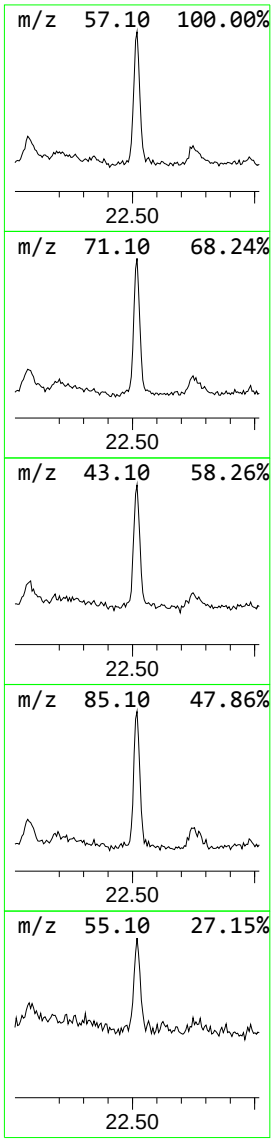
****

Peak Number 4 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.519	2.55 ng	541814	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

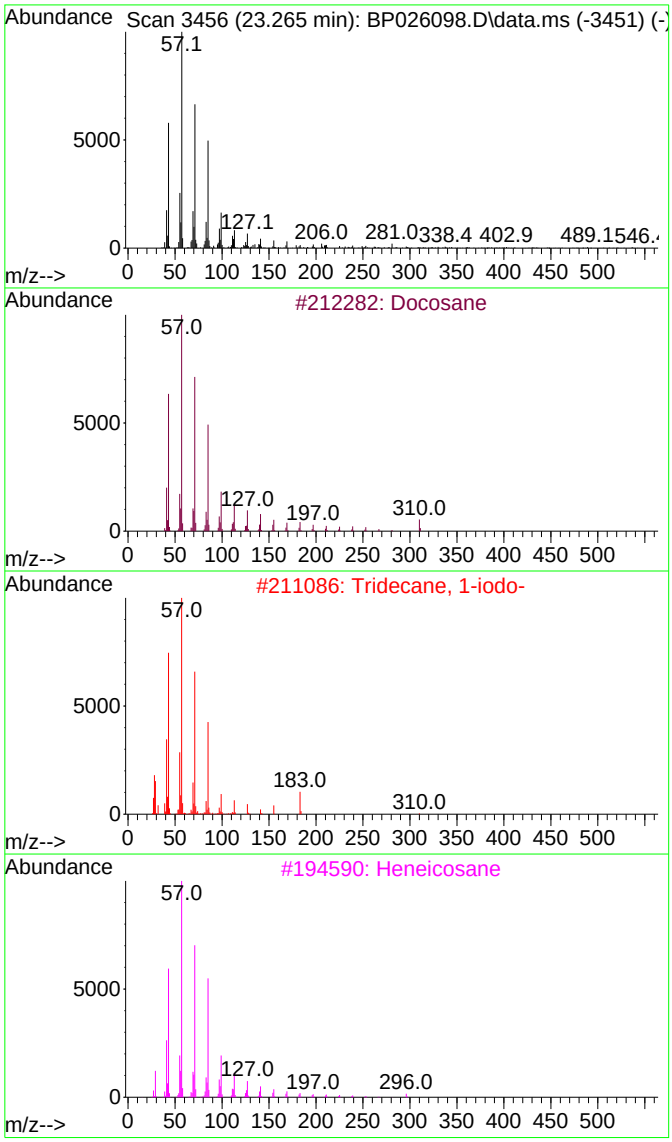
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

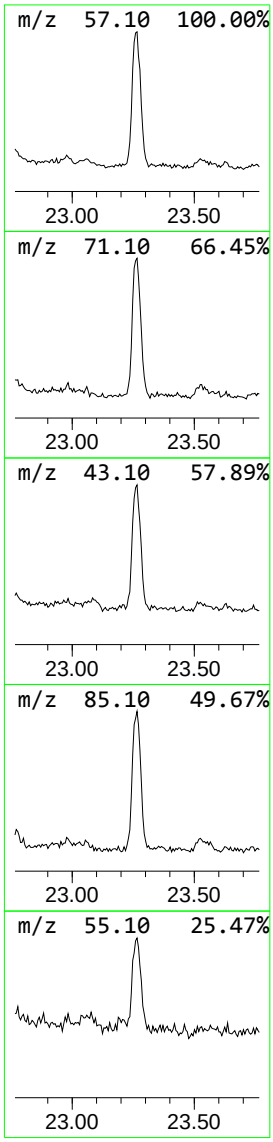
****

Peak Number 5 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.265	2.94 ng	734319	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

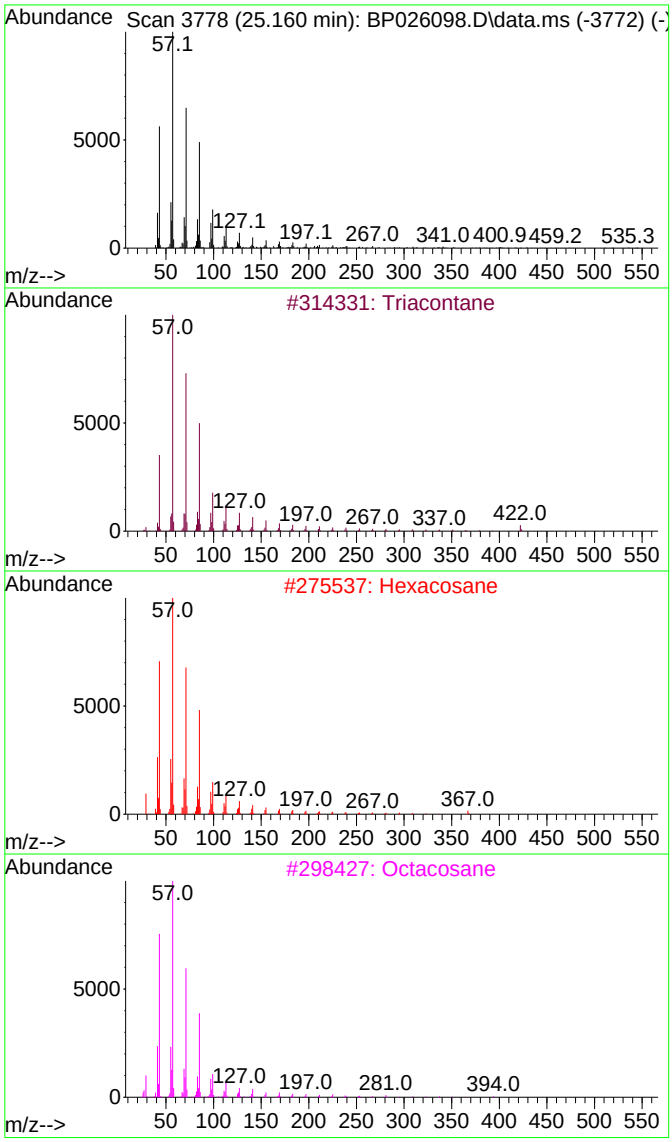
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

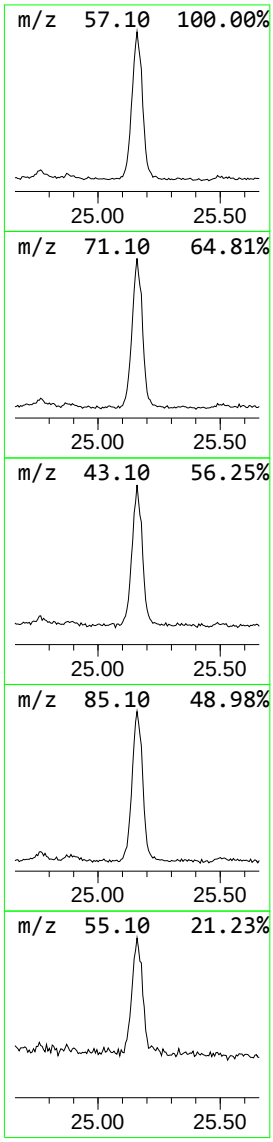
****

Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.160	5.71 ng	1424420	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

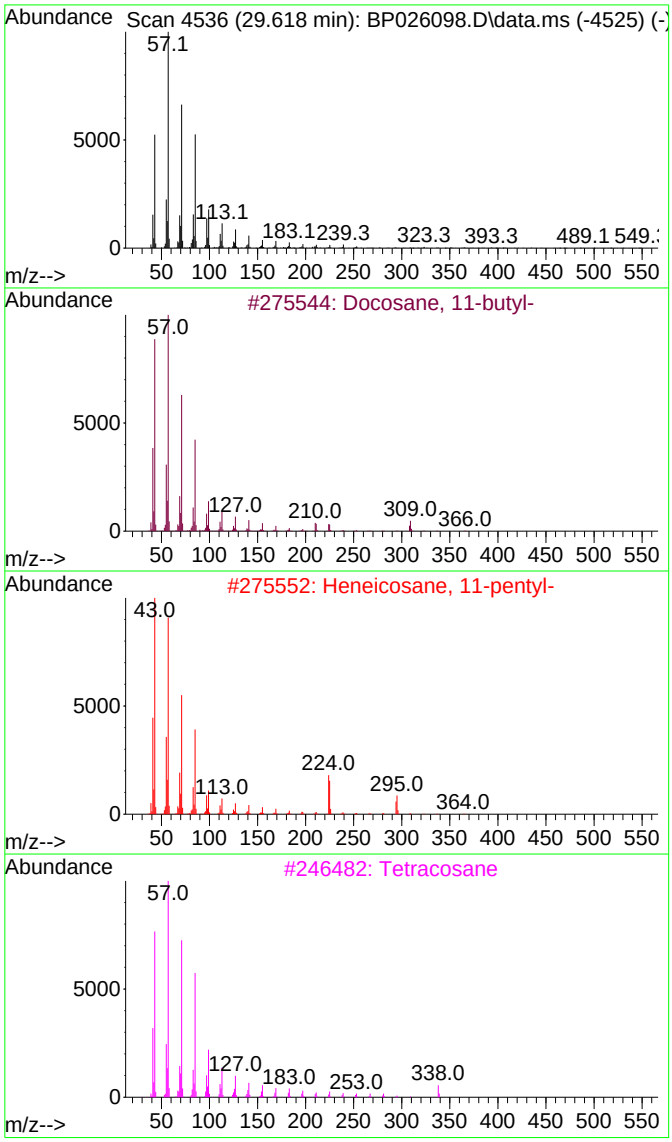
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

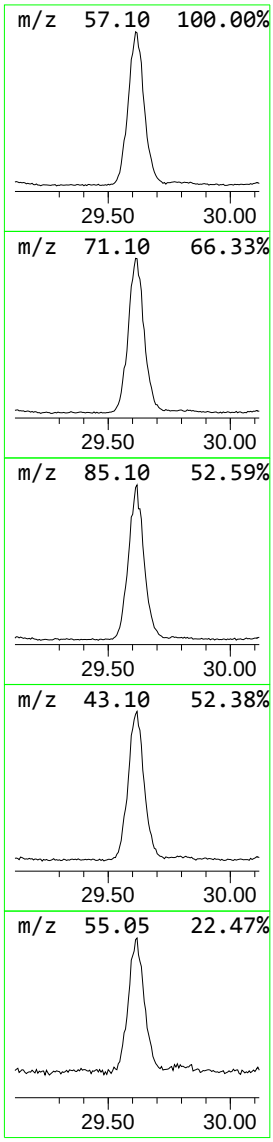
****

Peak Number 9 Docosane, 11-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.618	15.32 ng	3824470	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

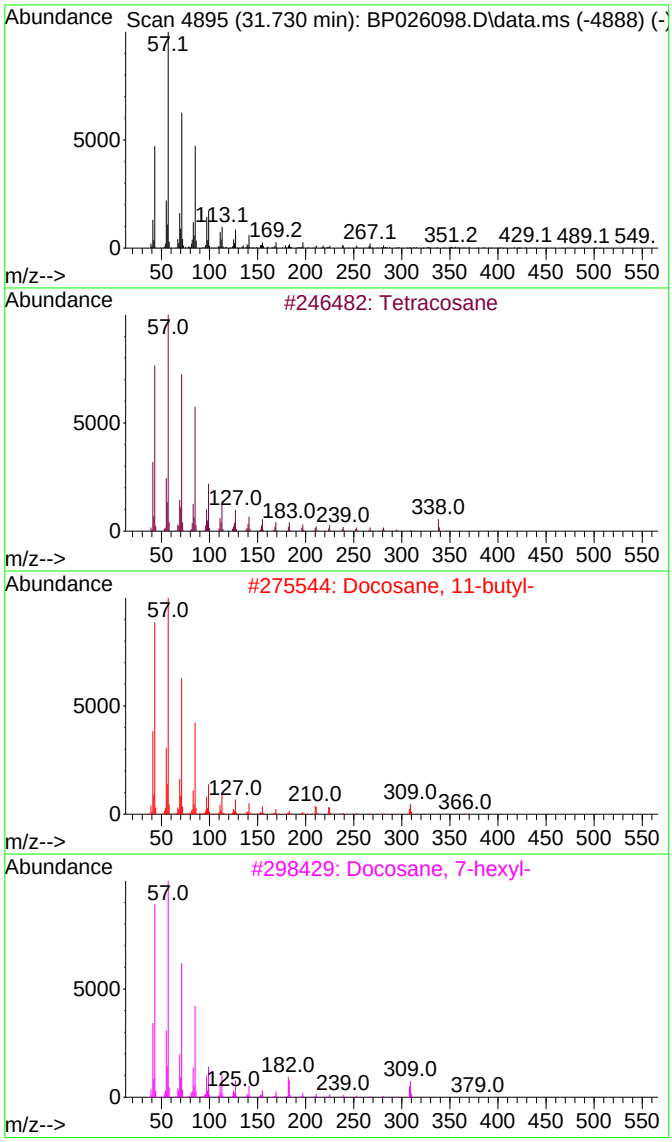
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

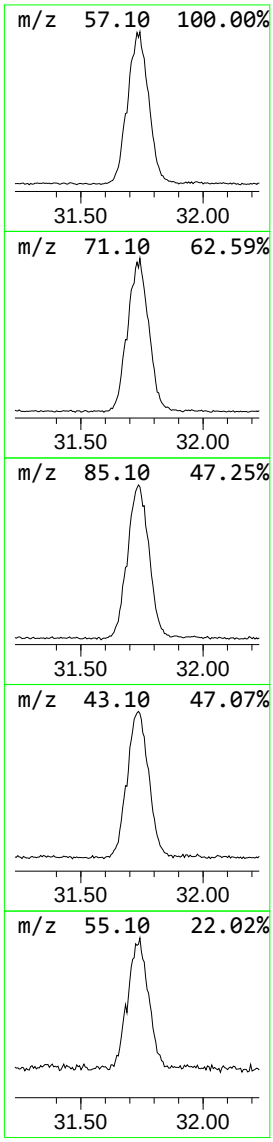
****

Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.730	3.01 ng	752100	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.701	11.3	ng	1468180	3	14.313	2601190	20.0
n-Hexadecanoic ...	18.083	6.1	ng	990709	4	17.125	3265520	20.0
1-Tricosene	21.272	3.4	ng	726774	5	21.577	4255300	20.0
Octadecane	22.519	2.5	ng	541814	5	21.577	4255300	20.0
Docosane	23.265	2.9	ng	734319	6	24.907	4991710	20.0
Triacontane	25.160	5.7	ng	1424420	6	24.907	4991710	20.0
Docosane, 11-bu...	29.618	15.3	ng	3824470	6	24.907	4991710	20.0
Tetracosane	31.730	3.0	ng	752100	6	24.907	4991710	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

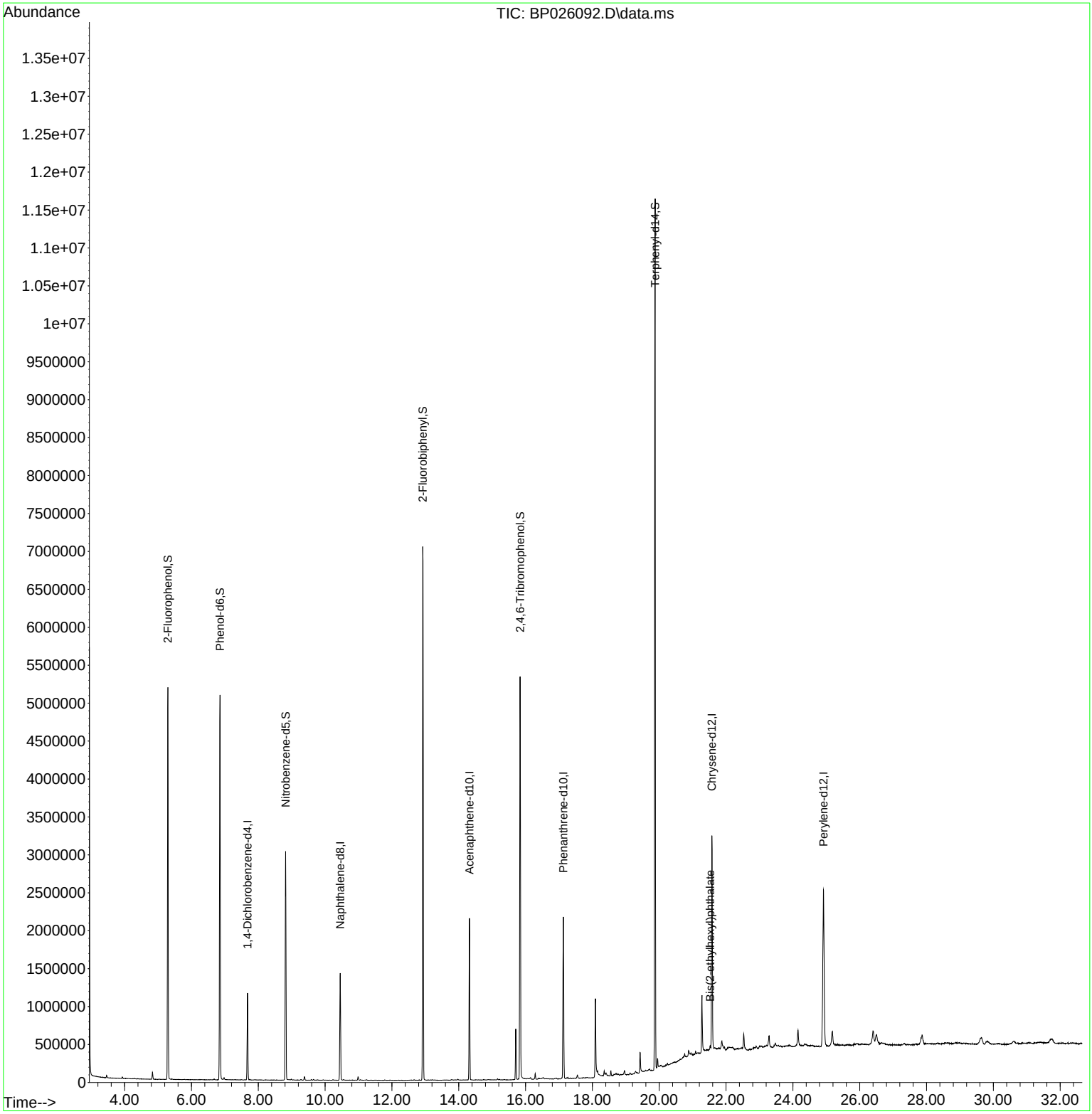
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318405	20.000	ng	-0.01
21) Naphthalene-d8	10.455	136	1214569	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	729423	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1507921	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1773559	20.000	ng	0.01
86) Perylene-d12	24.918	264	2177402	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2310855	119.757	ng	0.00
7) Phenol-d6	6.855	99	2883548	117.407	ng	0.00
23) Nitrobenzene-d5	8.819	82	1631319	83.730	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1155024	146.469	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3817179	75.196	ng	0.00
79) Terphenyl-d14	19.878	244	6447175	73.855	ng	0.01
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	34867	3.059	ng	# 99

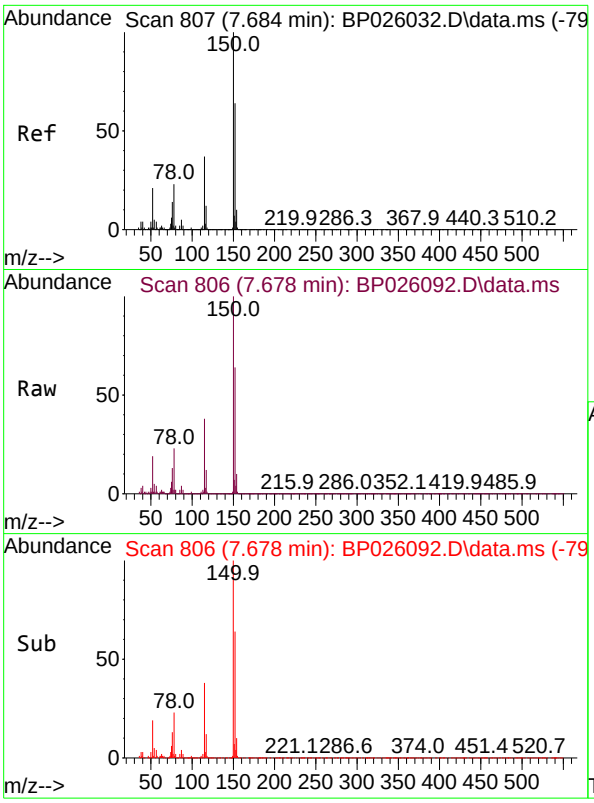
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



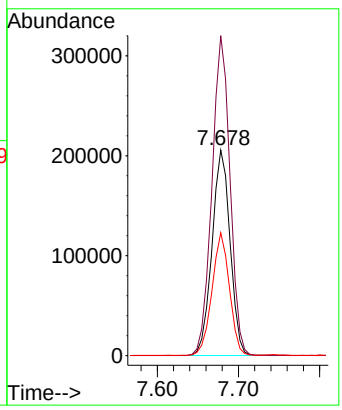


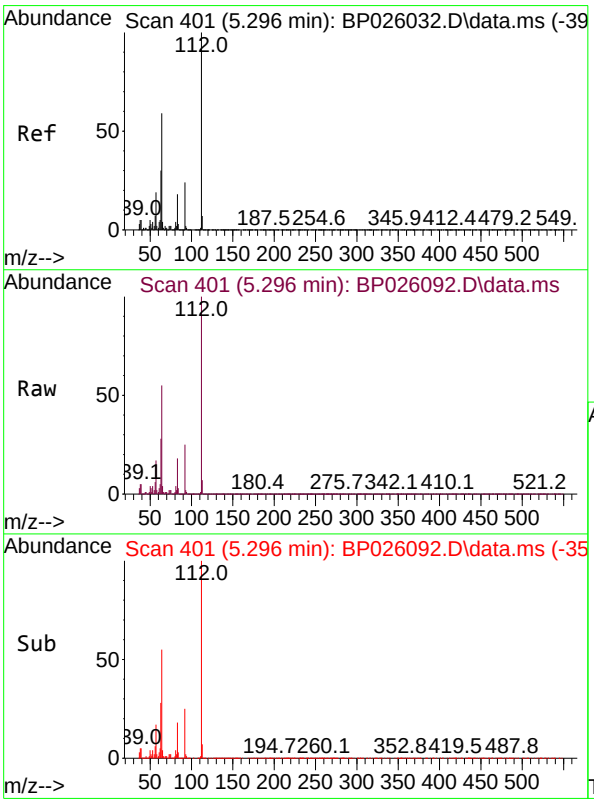
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:152 Resp: 318405

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.7	188.5
115	59.8	46.4	69.6

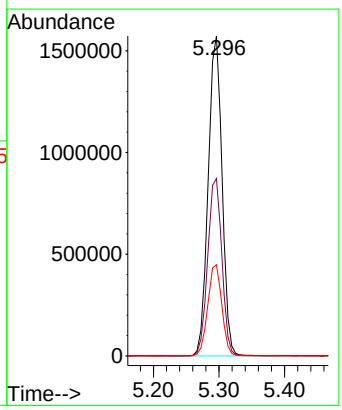


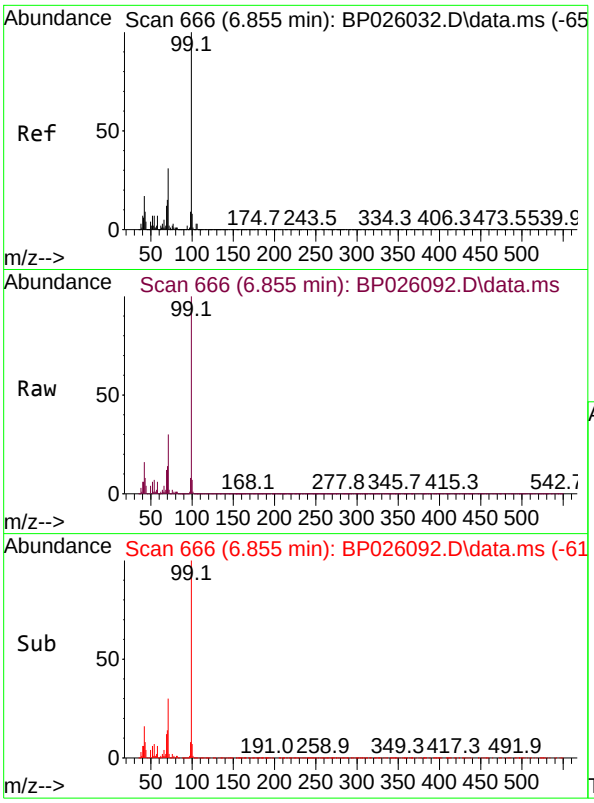


#5
2-Fluorophenol
Concen: 119.757 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:112 Resp: 2310855

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.4	71.2
63	28.5	24.2	36.4



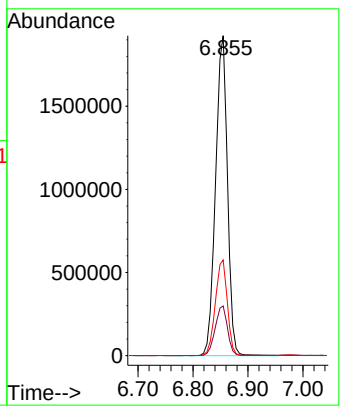


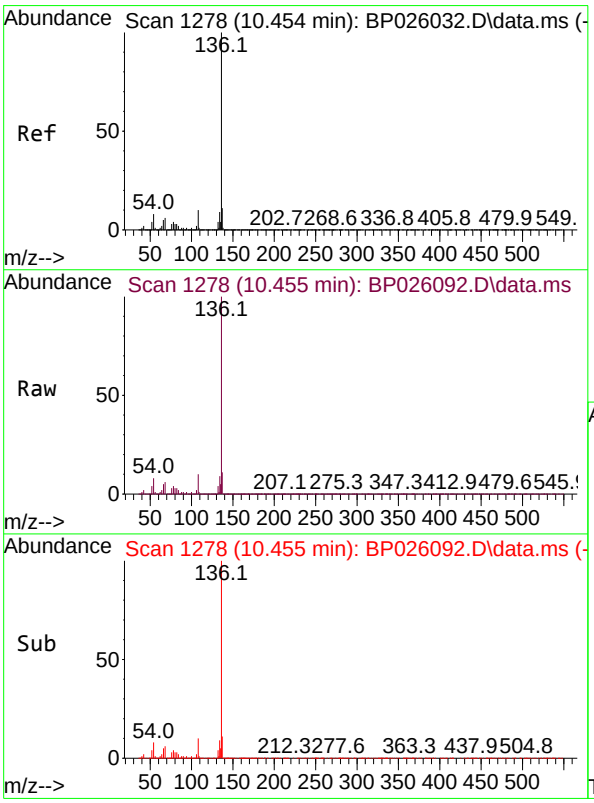
#7
Phenol-d6
Concen: 117.407 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion: 99 Resp: 2883548

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.7	20.5
71	29.9	24.4	36.6

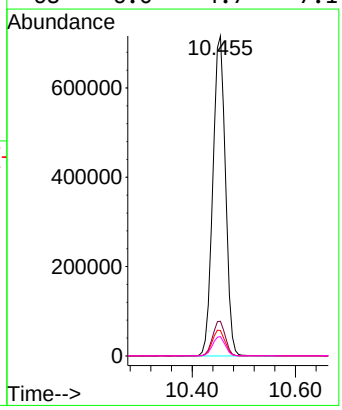


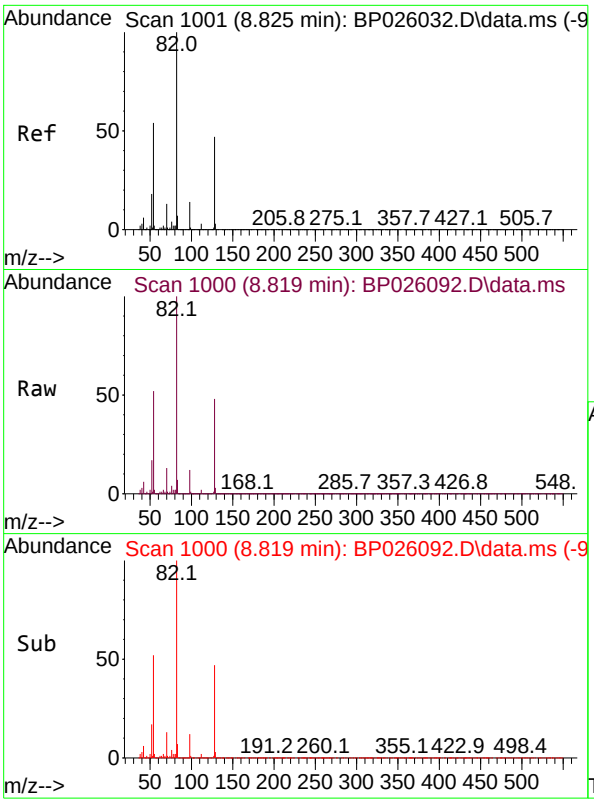


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:136 Resp: 1214569

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.6	10.0
68	6.0	4.7	7.1



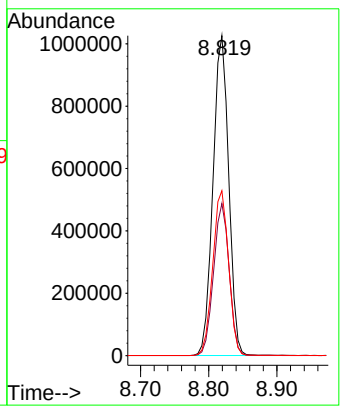


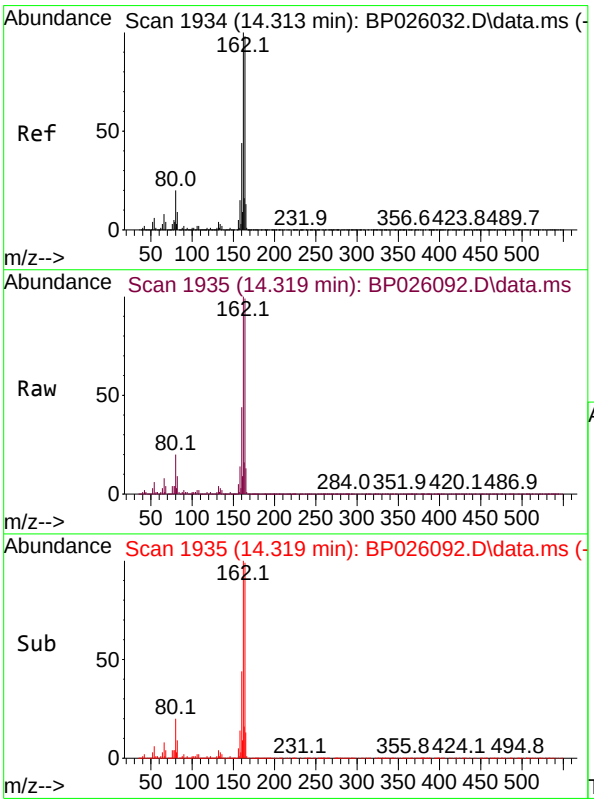
#23
Nitrobenzene-d5
Concen: 83.730 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion: 82 Resp: 1631319

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.5	42.7	64.1

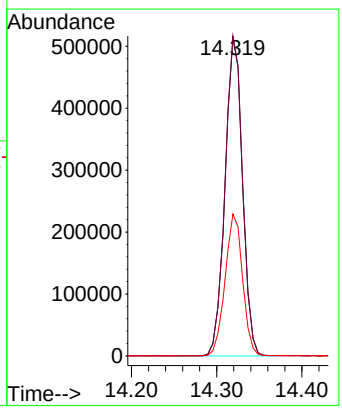


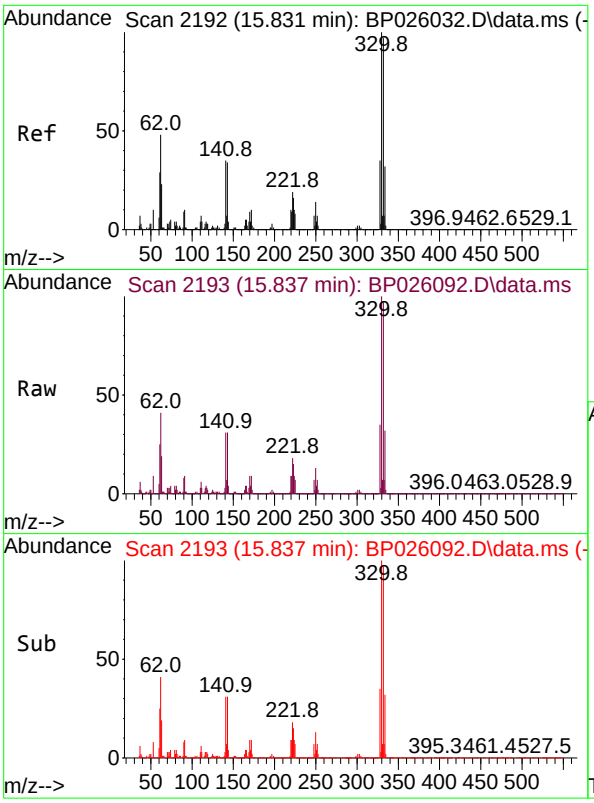


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:164 Resp: 729423

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.6	36.2	54.4



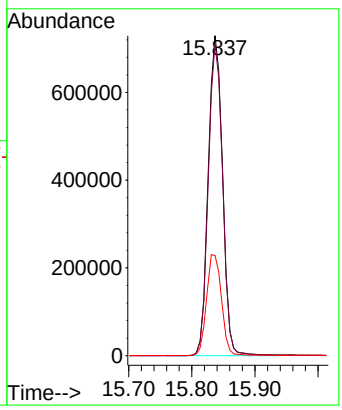


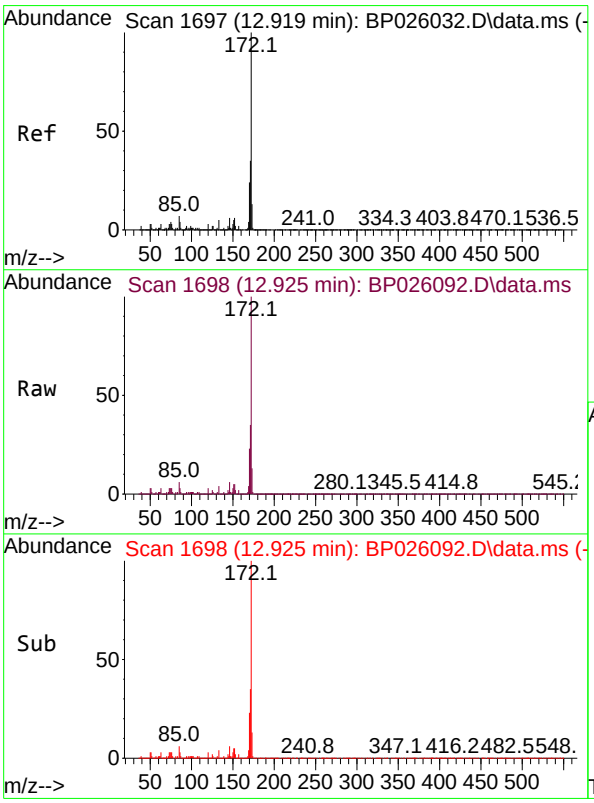
#42
2,4,6-Tribromophenol
Concen: 146.469 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:330 Resp: 1155024

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.8	28.6	42.8

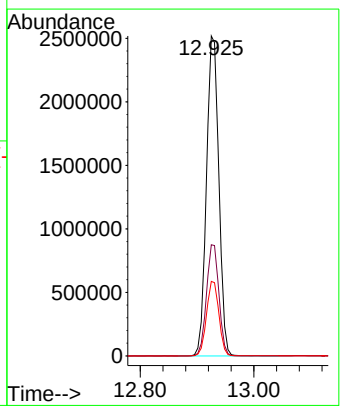


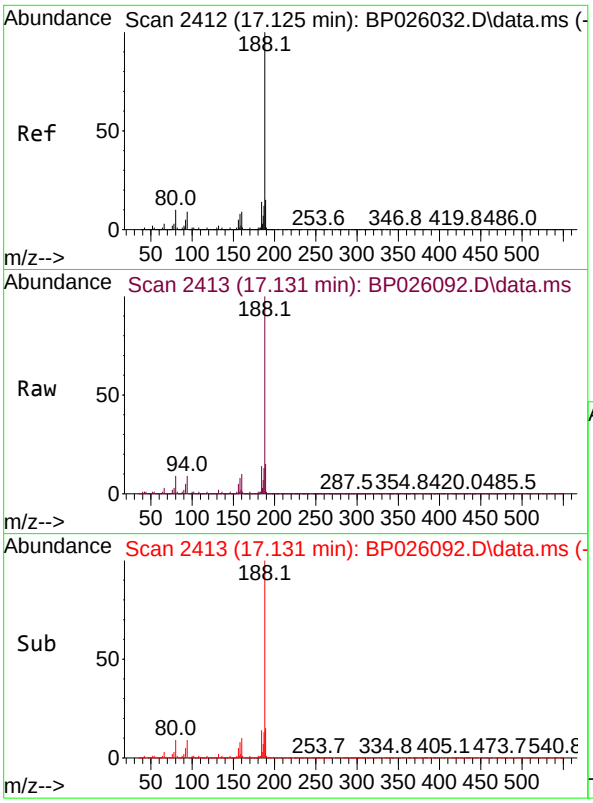


#45
2-Fluorobiphenyl
Concen: 75.196 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:172 Resp: 3817179

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.3	19.0	28.4



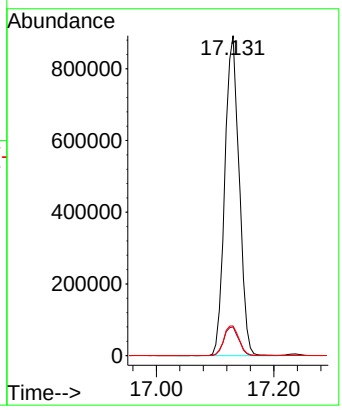


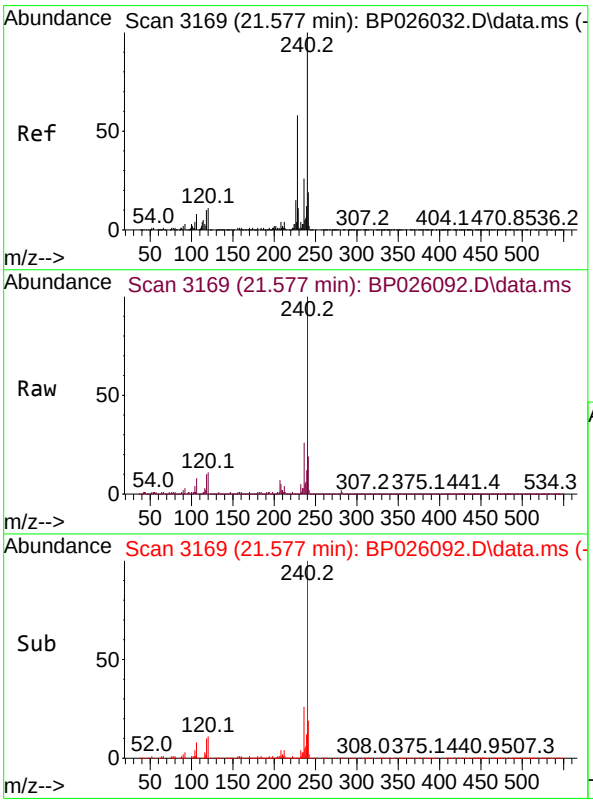
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:188 Resp: 1507921

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.3	7.9	11.9

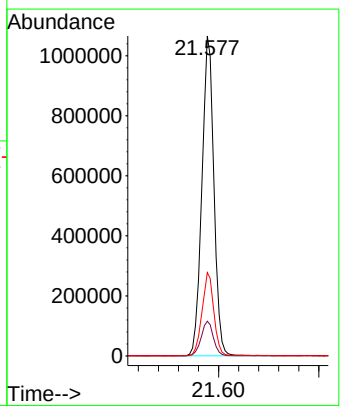


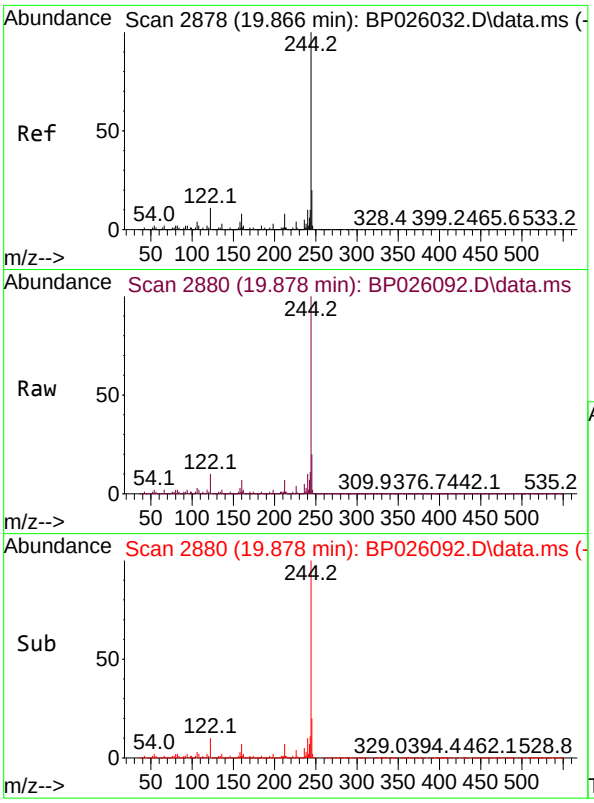


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:240 Resp: 1773559

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.6	31.0



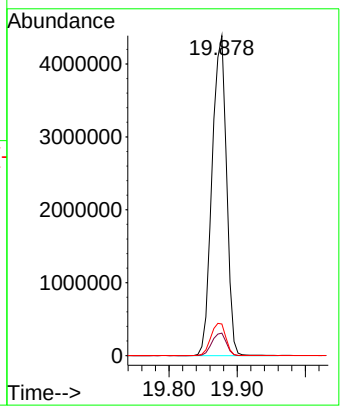


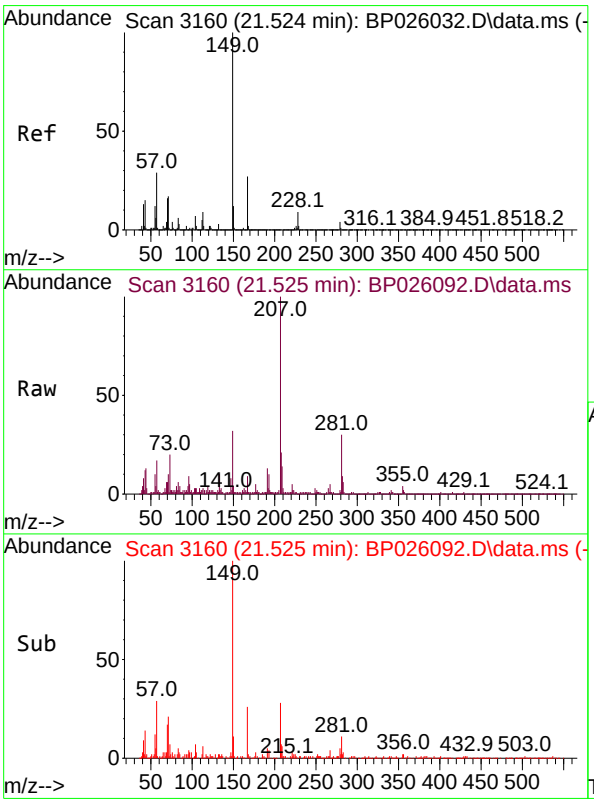
#79
Terphenyl-d14
Concen: 73.855 ng
RT: 19.878 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:244 Resp: 6447175

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.9	9.0	13.6

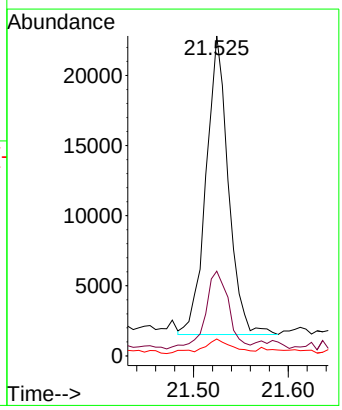


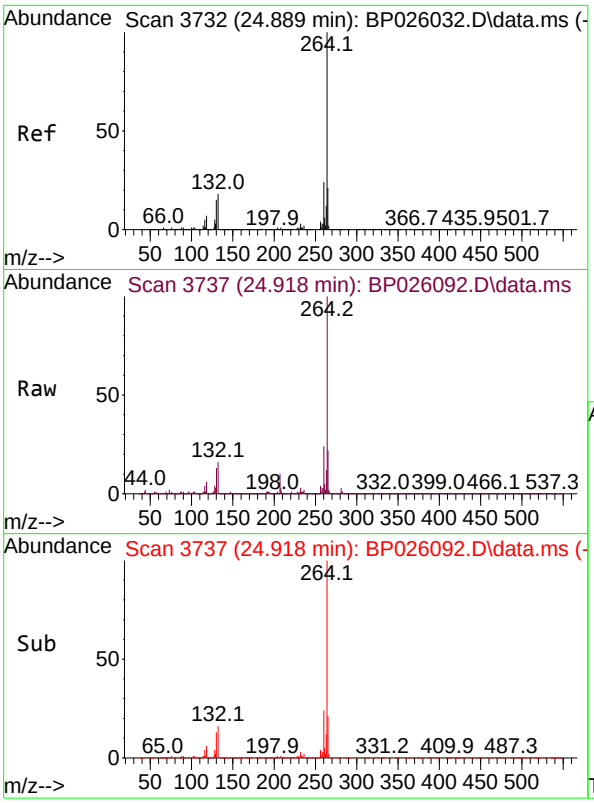


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.059 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:149 Resp: 34867

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.5	32.3
279	5.3	3.0	4.6#



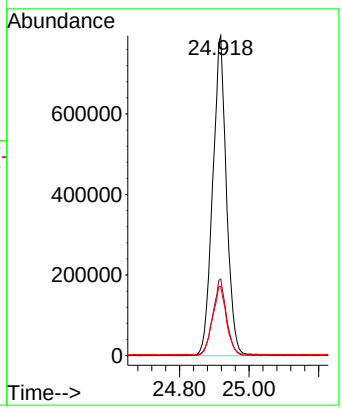


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.036 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:264 Resp: 2177402

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

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:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	415	rVB	5166648	7661635	44.94%	9.263%
2	6.855	656	666	678	rBV	5073753	7795845	45.72%	9.425%
3	7.678	799	806	814	rVB	1145545	1766955	10.36%	2.136%
4	8.819	992	1000	1012	rBV	3014196	4847308	28.43%	5.860%
5	10.455	1268	1278	1291	rBV	1413747	2416630	14.17%	2.922%
6	12.925	1691	1698	1711	rBV	7033784	10678637	62.63%	12.911%
7	14.319	1928	1935	1942	rBV	2131394	3048034	17.88%	3.685%
8	15.707	2165	2171	2180	rBV	668176	973975	5.71%	1.178%
9	15.837	2186	2193	2213	rBV	5304291	8632999	50.63%	10.437%
10	17.131	2406	2413	2421	rVB	2128467	3631314	21.30%	4.390%
11	18.089	2570	2576	2585	rBV	1033888	1779540	10.44%	2.151%
12	19.425	2799	2803	2814	rBV	266578	477858	2.80%	0.578%
13	19.878	2873	2880	2887	rBV	11482543	17050362	100.00%	20.614%
14	19.948	2889	2892	2900	rVV	116477	191616	1.12%	0.232%
15	21.278	3113	3118	3128	rBV	752373	1237108	7.26%	1.496%
16	21.577	3163	3169	3178	rVB2	2806666	4656996	27.31%	5.630%
17	22.530	3327	3331	3337	rVB	189553	319865	1.88%	0.387%
18	24.913	3727	3736	3749	rVB	2042236	5546039	32.53%	6.705%

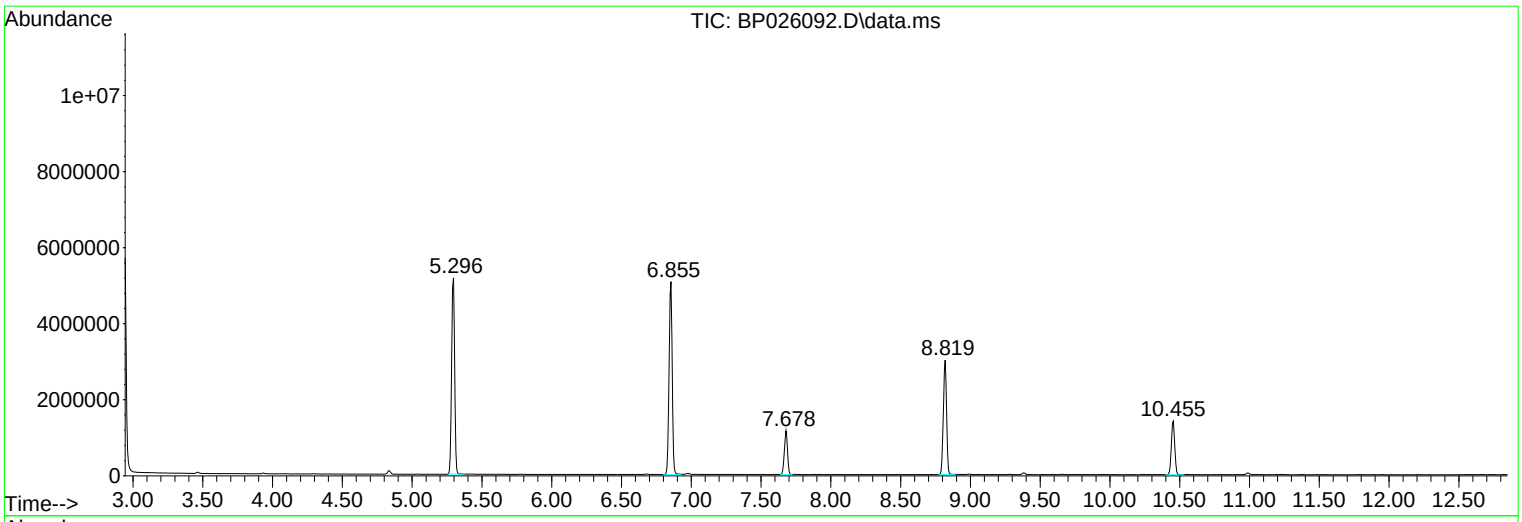
Sum of corrected areas: 82712716

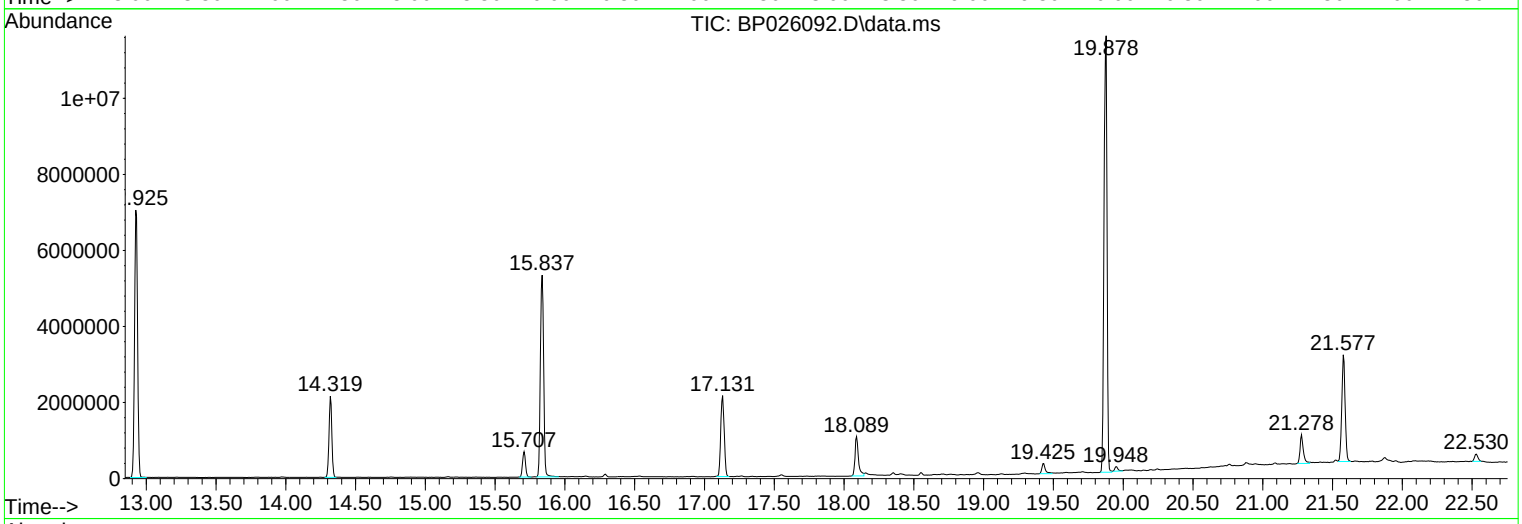
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

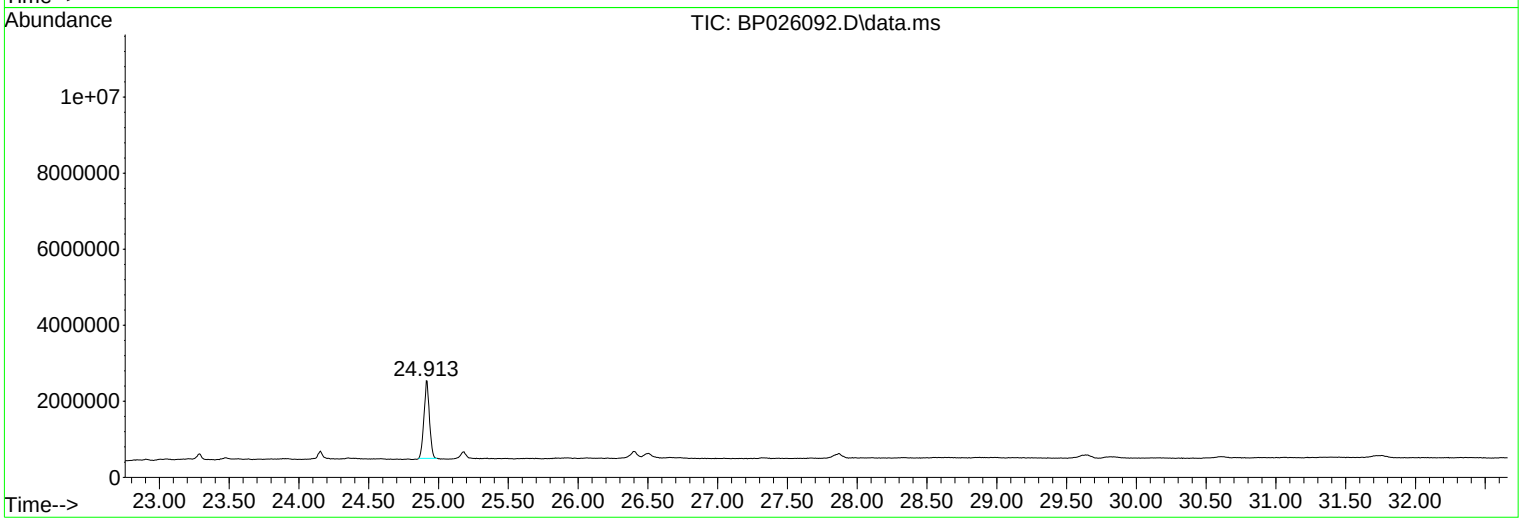
Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

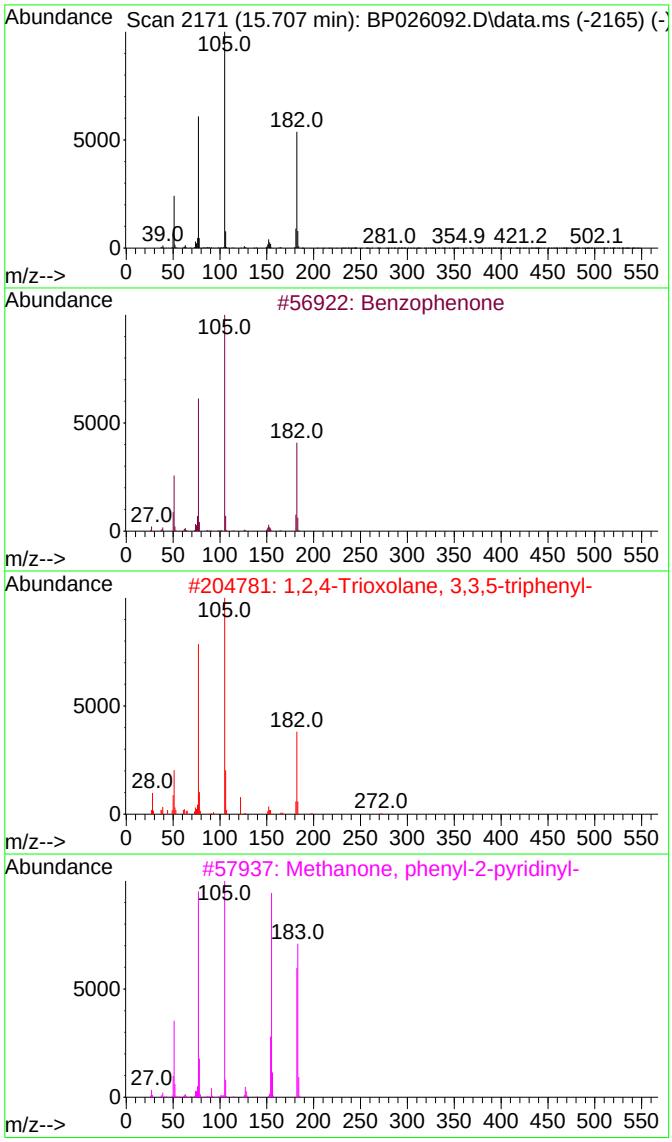
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

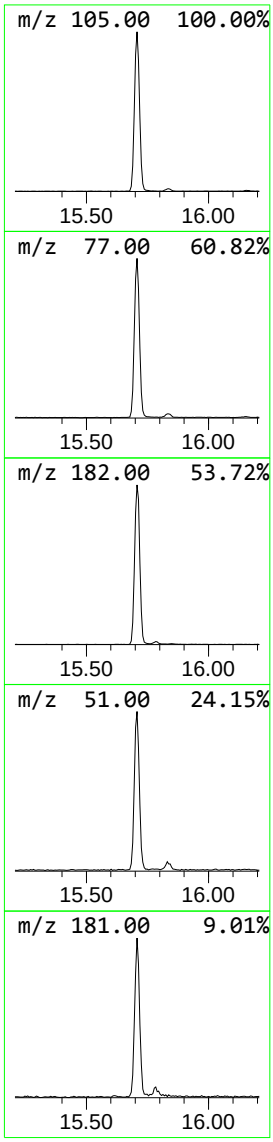
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	6.39 ng	973975	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4	Azobenzene	182	C12H10N2	000103-33-3	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

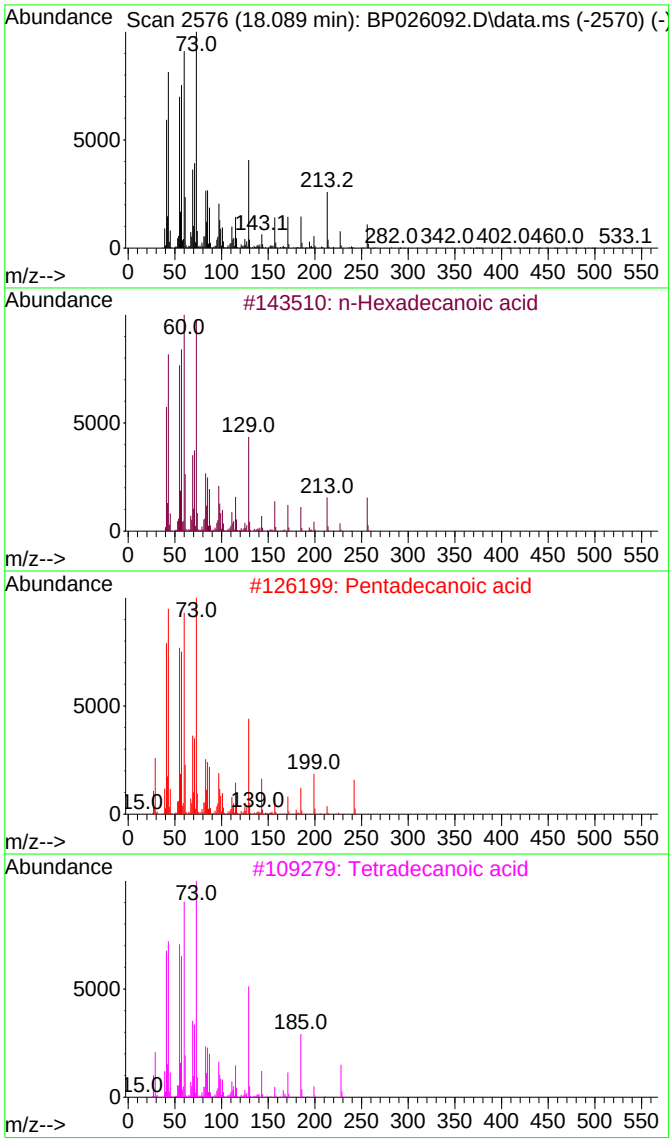
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

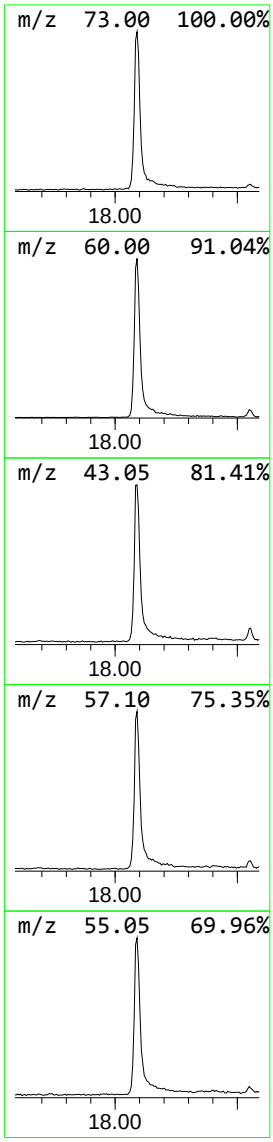
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	9.80 ng	1779540	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

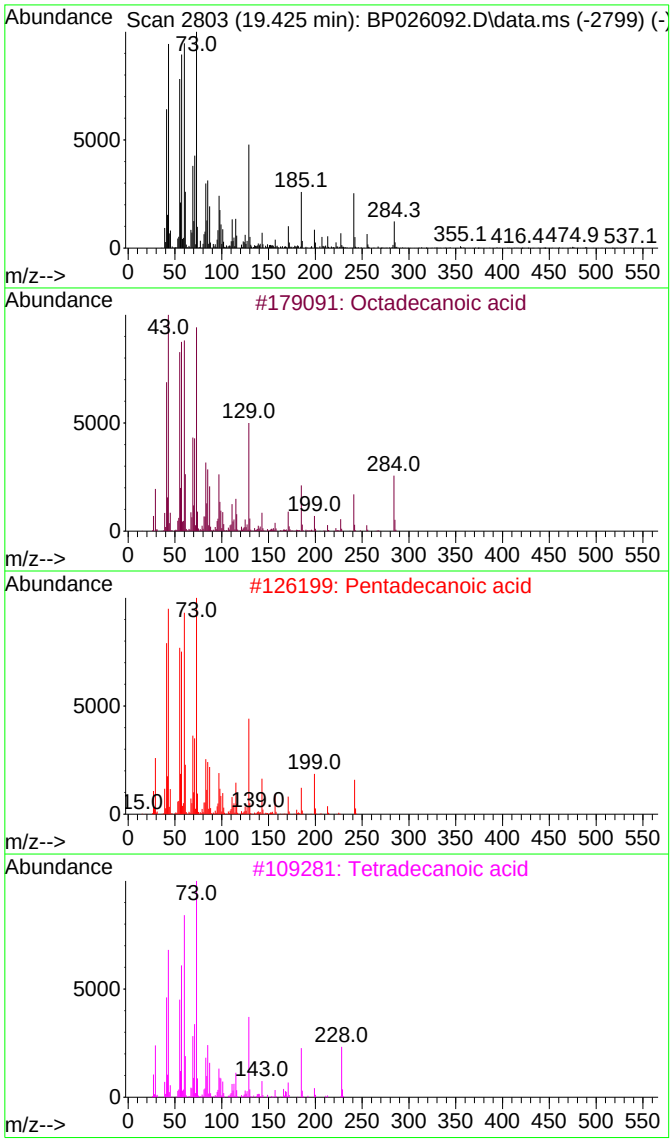
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

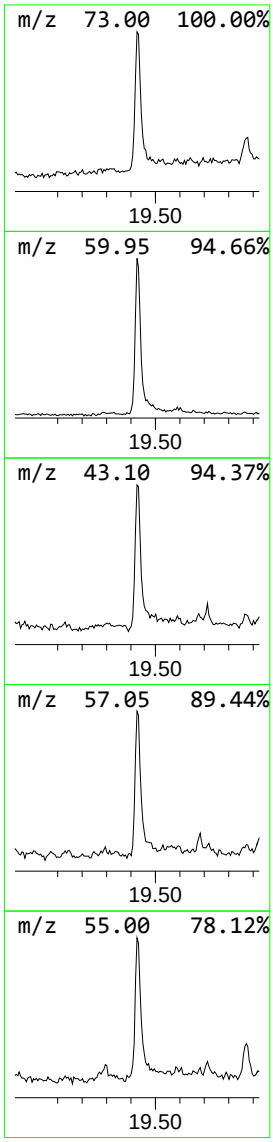
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.425	2.05 ng	477858	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

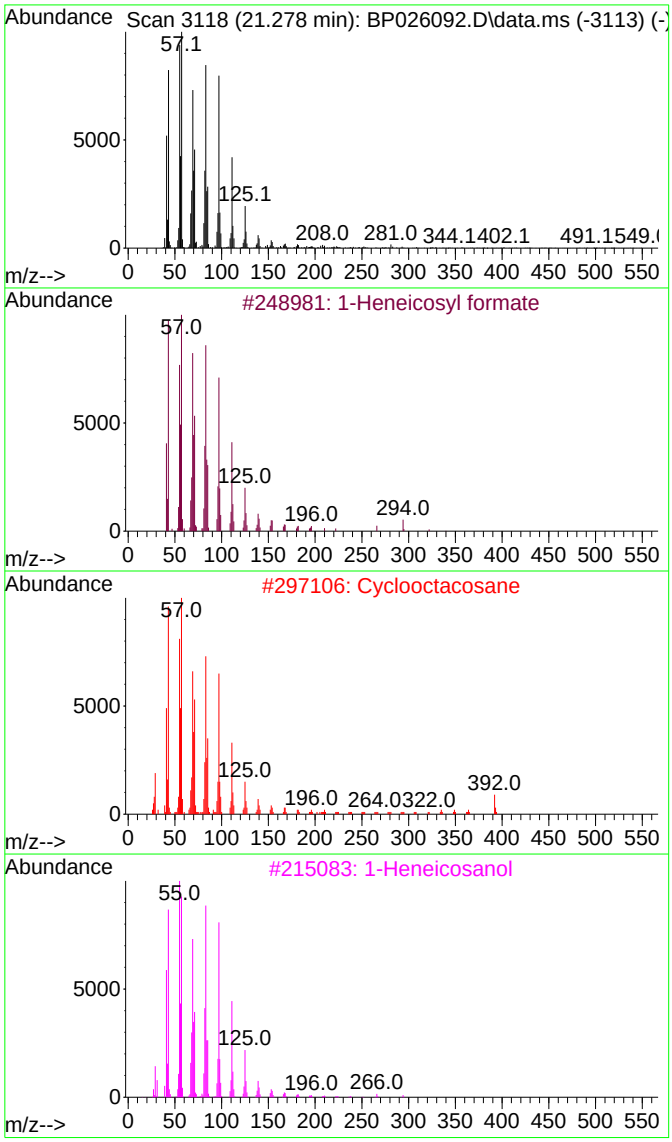
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

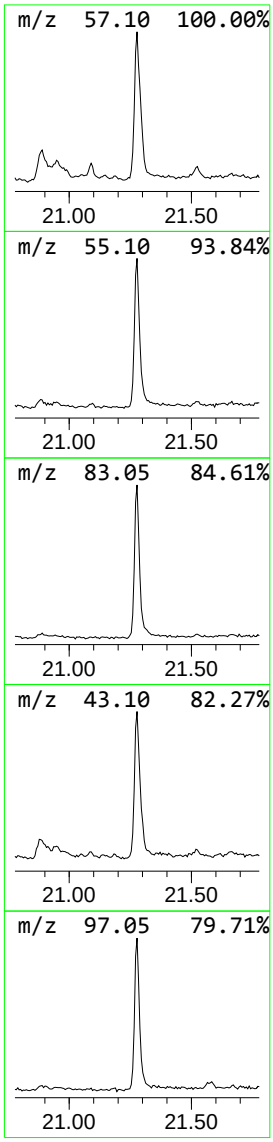
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	5.31 ng	1237110	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.707	6.4	ng	973975	3	14.319	3048030	20.0
n-Hexadecanoic ...	18.089	9.8	ng	1779540	4	17.131	3631310	20.0
Octadecanoic acid	19.425	2.0	ng	477858	5	21.578	4657000	20.0
1-Heneicosyl fo...	21.278	5.3	ng	1237110	5	21.578	4657000	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

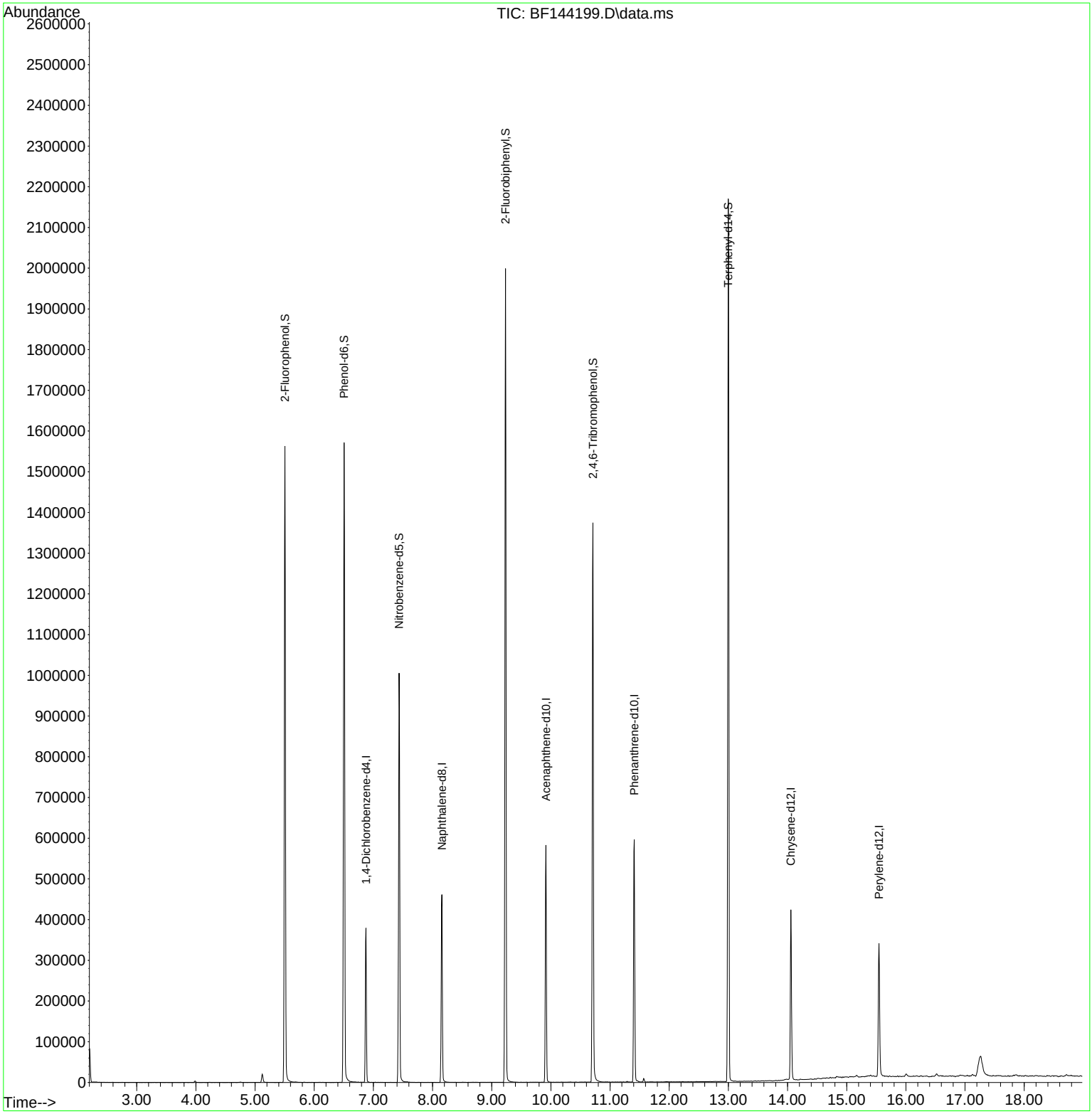
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80148	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308933	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180668	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225293	20.000	ng	0.00
86) Perylene-d12	15.545	264	226985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588374	114.879	ng	0.01
7) Phenol-d6	6.504	99	684658	117.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	443974	83.001	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284869	125.649	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	975916	79.780	ng	0.00
79) Terphenyl-d14	12.998	244	1198876	84.526	ng	0.00
Target Compounds						Qvalue

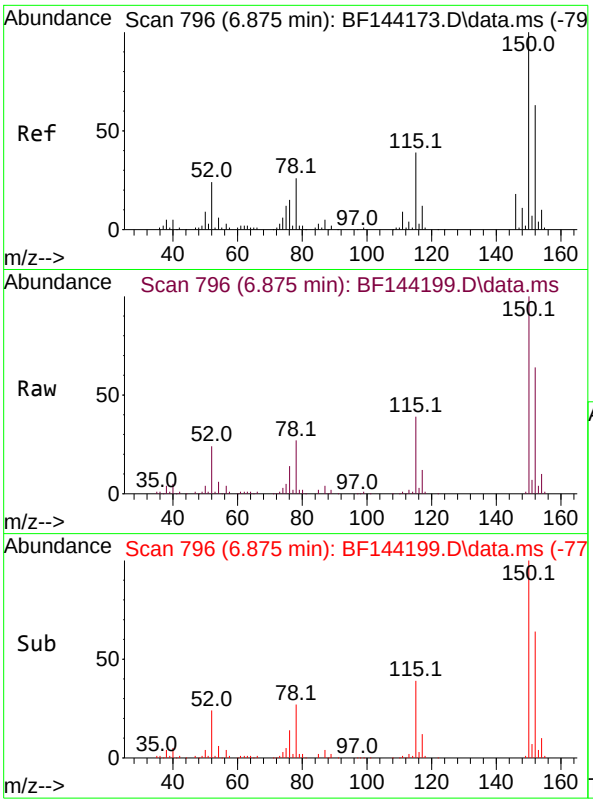
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



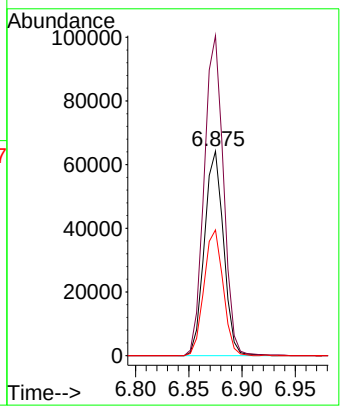


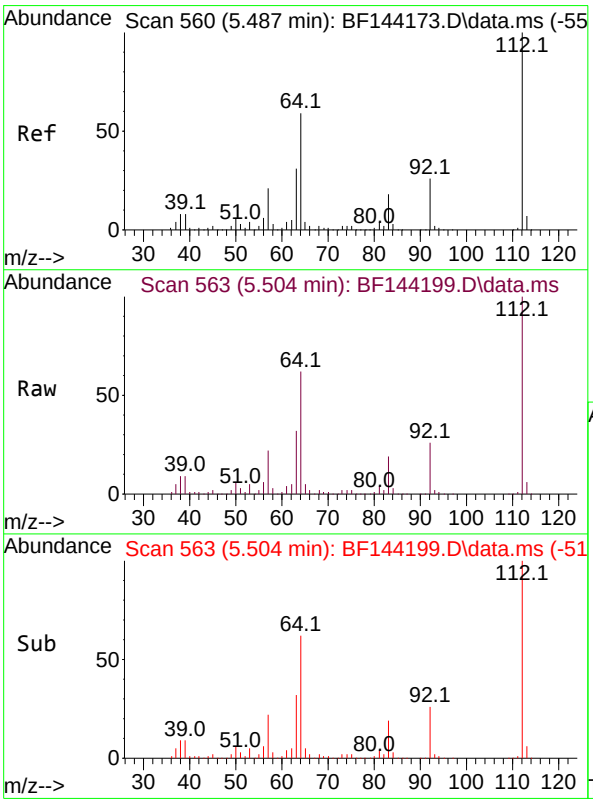
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:152 Resp: 80148

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	61.5	49.5	74.3

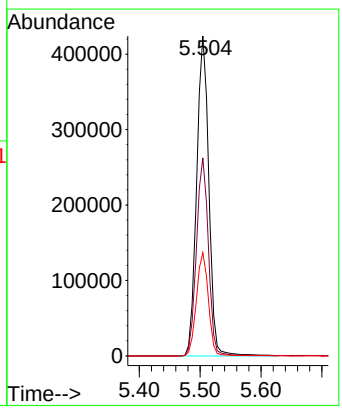


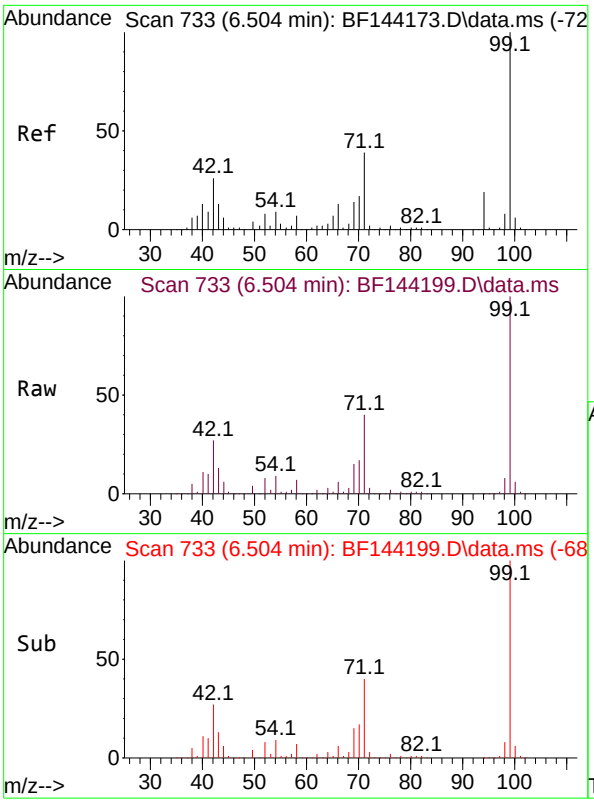


#5
2-Fluorophenol
Concen: 114.879 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:112 Resp: 588374

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.2	70.8
63	32.3	24.4	36.6



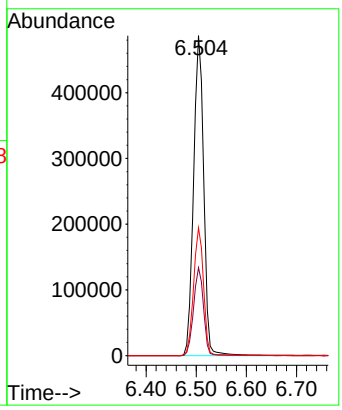


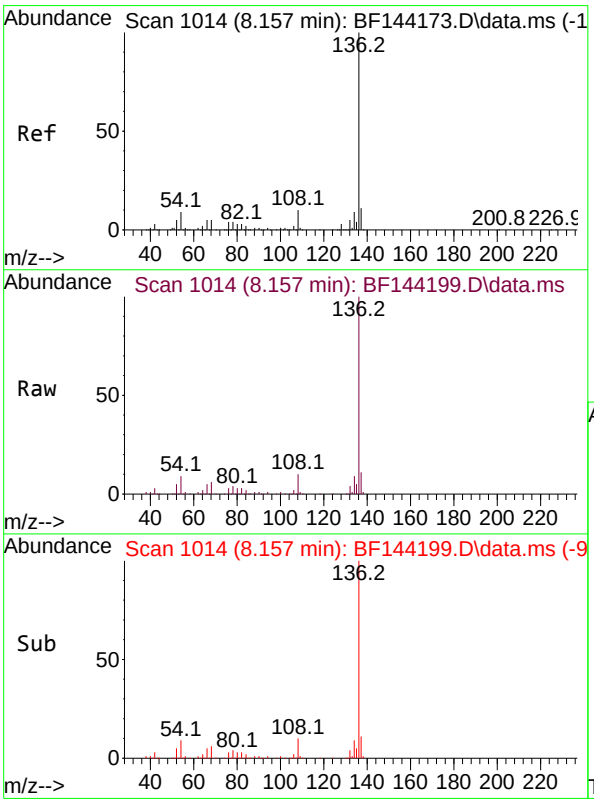
#7
Phenol-d6
Concen: 117.978 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion: 99 Resp: 684658

Ion	Ratio	Lower	Upper
99	100		
42	27.5	20.9	31.3
71	39.9	31.4	47.2

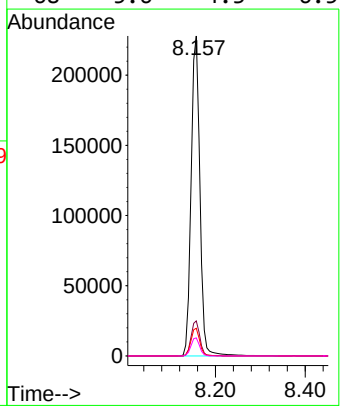


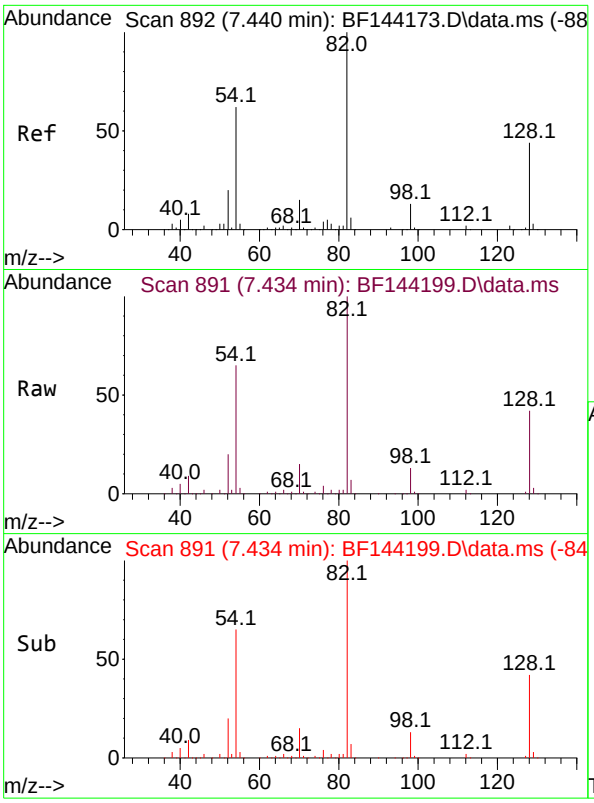


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:136 Resp: 308933

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	5.6	4.3	6.5



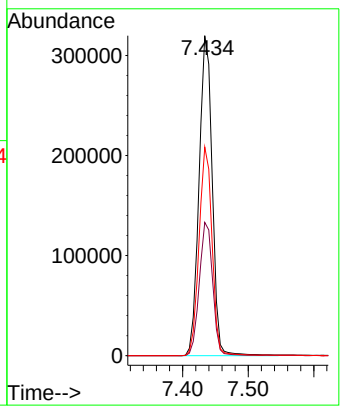


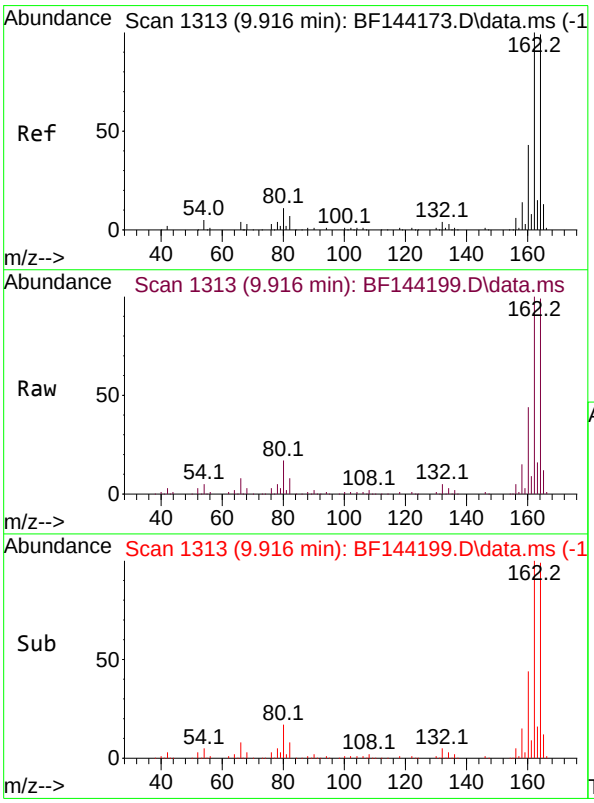
#23
Nitrobenzene-d5
Concen: 83.001 ng
RT: 7.434 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion: 82 Resp: 443974

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.7	52.1
54	65.2	49.5	74.3

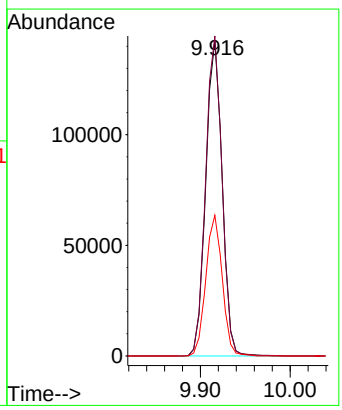


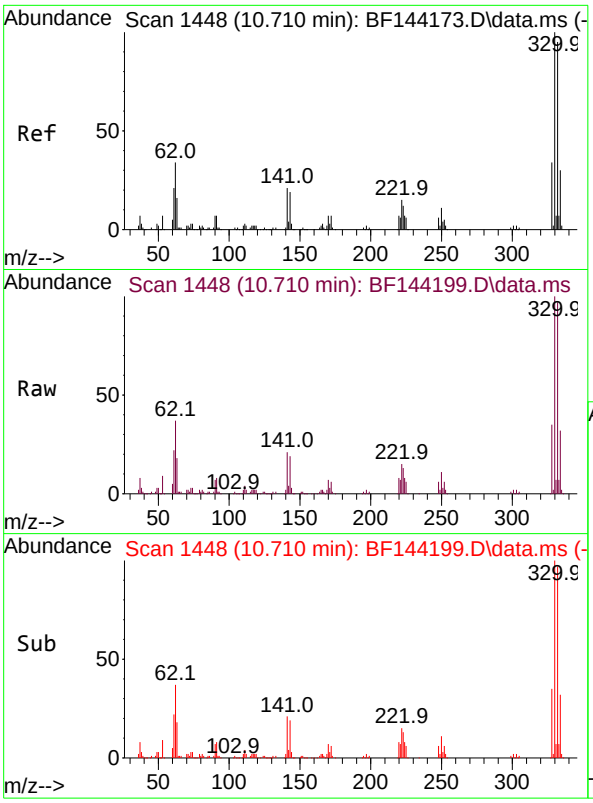


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:164 Resp: 180668

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.1	121.7
160	44.6	34.5	51.7



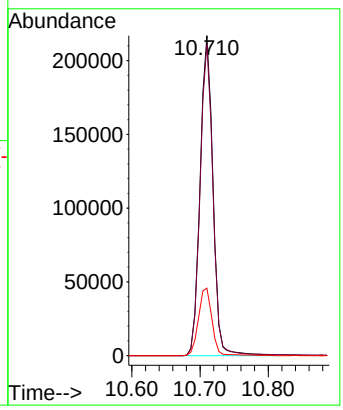


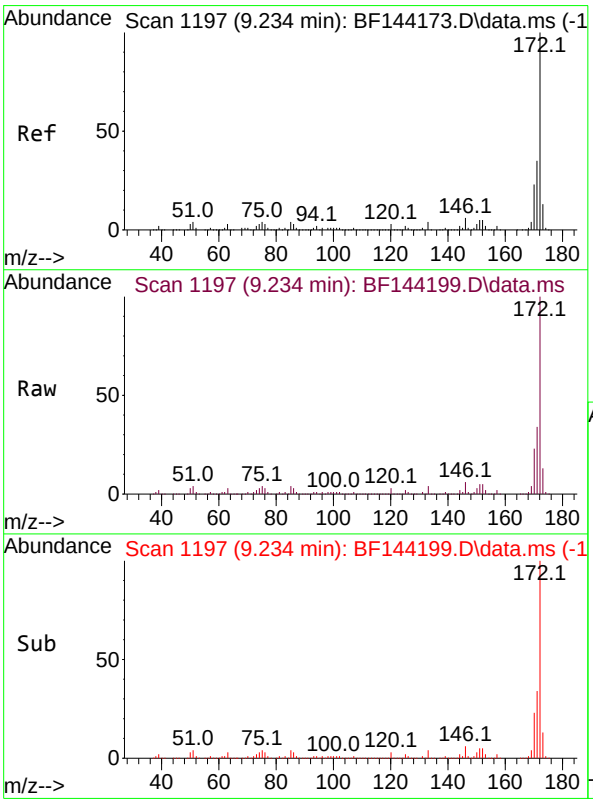
#42
2,4,6-Tribromophenol
Concen: 125.649 ng
RT: 10.710 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:330 Resp: 284869

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	22.2	17.8	26.8

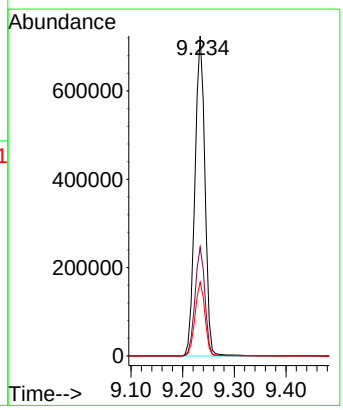


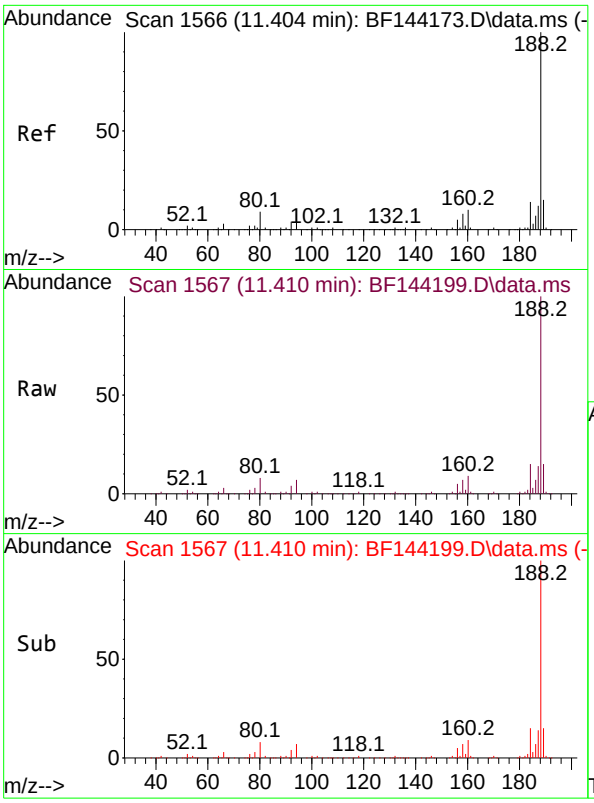


#45
2-Fluorobiphenyl
Concen: 79.780 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:172 Resp: 975916

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	23.1	18.6	28.0



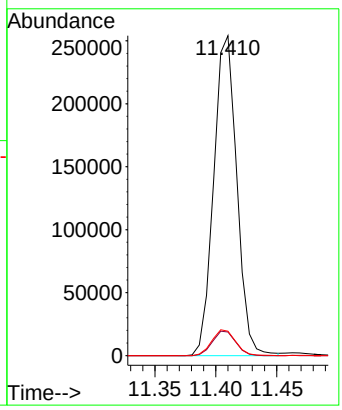


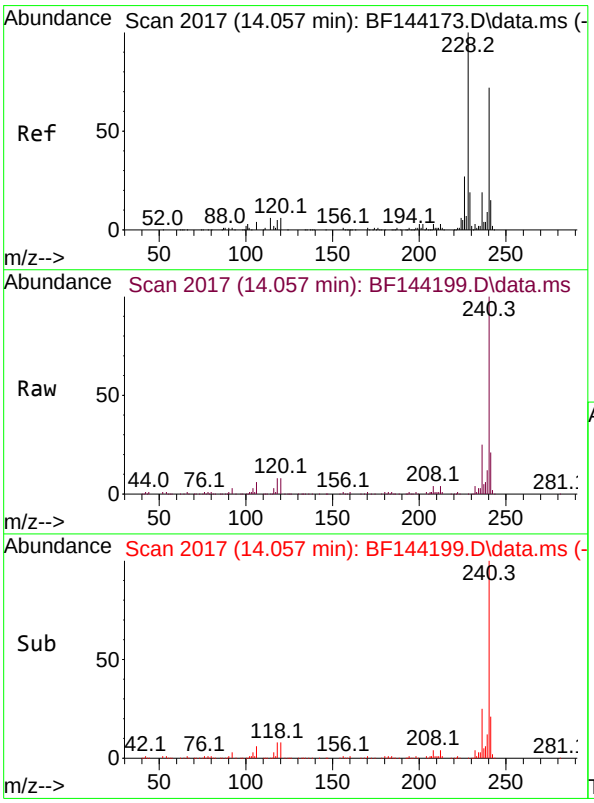
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:188 Resp: 336603

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	7.6	6.9	10.3

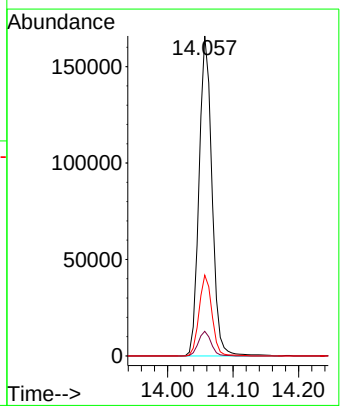


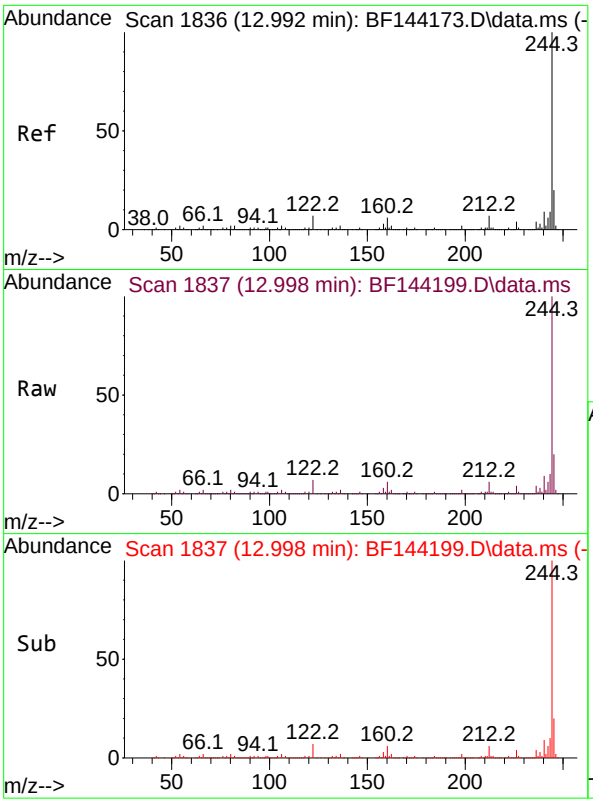


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:240 Resp: 225293

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.2	21.4	32.2



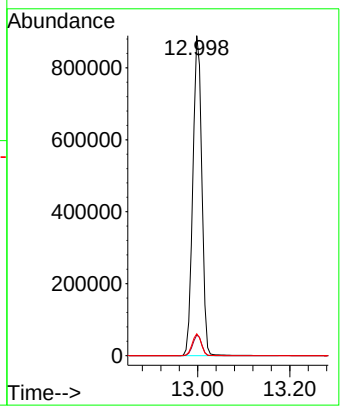


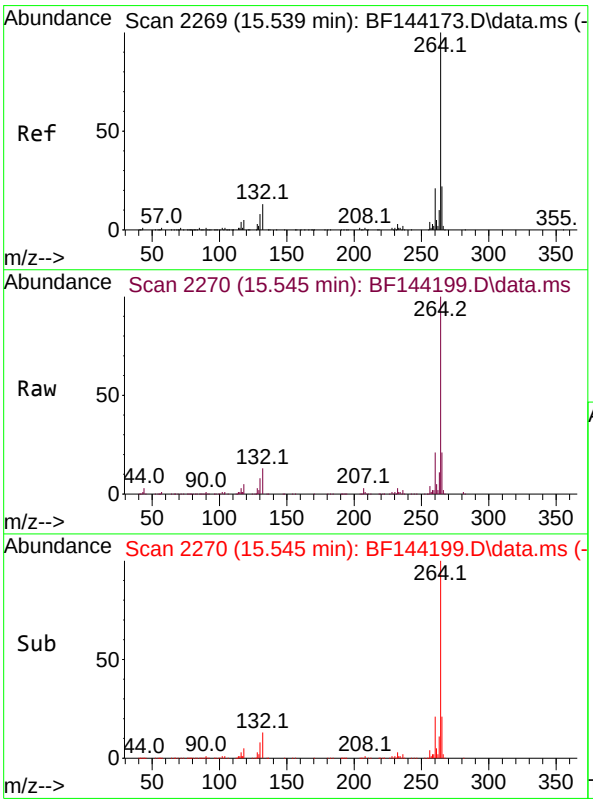
#79
Terphenyl-d14
Concen: 84.526 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:244 Resp: 1198876

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.8	5.6	8.4

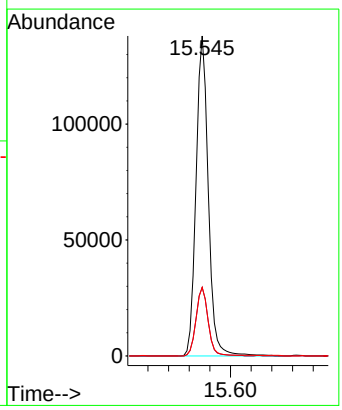




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:264 Resp: 226985

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.1	25.7
265	21.4	17.4	26.0



Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	492	498	509	rBV	20029	34020	1.18%	0.199%
2	5.504	557	563	585	rBV	1562184	2139432	73.95%	12.514%
3	6.504	727	733	752	rBV	1571253	2187793	75.62%	12.796%
4	6.875	791	796	801	rBV	378741	473668	16.37%	2.770%
5	7.434	885	891	907	rBV	1005188	1391541	48.10%	8.139%
6	8.157	1008	1014	1036	rBV	461030	618079	21.36%	3.615%
7	9.234	1191	1197	1202	rBV	1998604	2646740	91.49%	15.481%
8	9.916	1307	1313	1324	rVB	582305	736319	25.45%	4.307%
9	10.710	1442	1448	1466	rBV	1374052	1850076	63.95%	10.821%
10	11.410	1561	1567	1574	rBV	595555	788852	27.27%	4.614%
11	12.998	1831	1837	1843	rBV	2168477	2893029	100.00%	16.921%
12	14.057	2012	2017	2031	rVB	417789	558312	19.30%	3.266%
13	15.545	2264	2270	2281	rBV	326081	526637	18.20%	3.080%
14	17.263	2548	2562	2581	rBV3	49106	252473	8.73%	1.477%

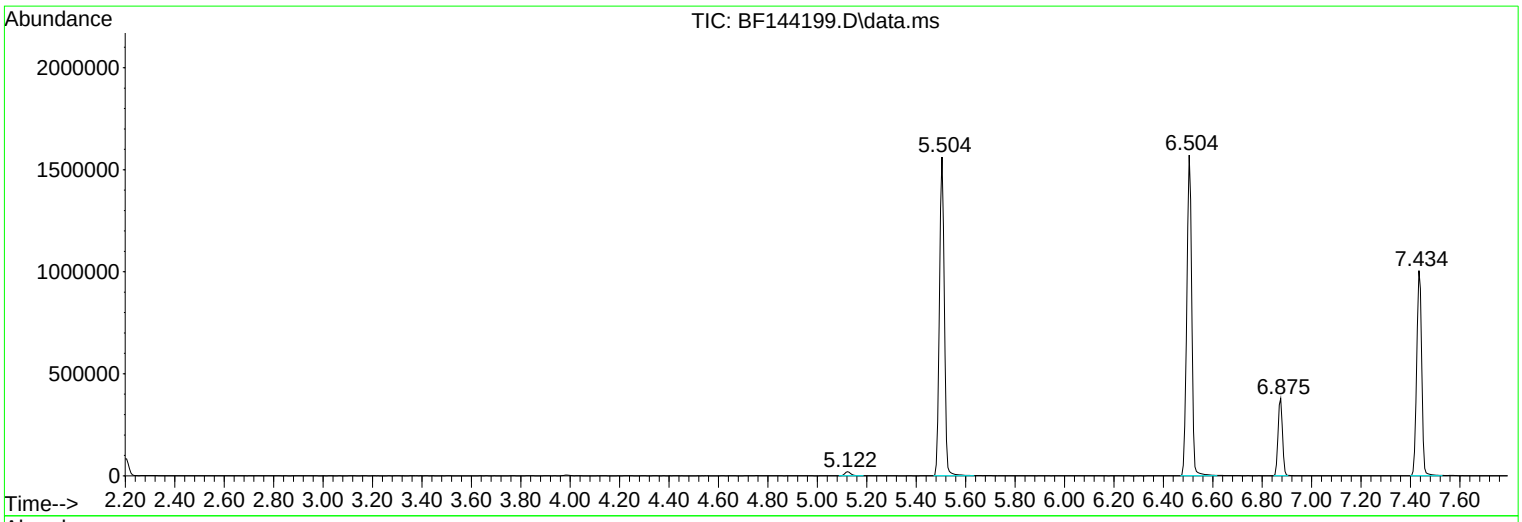
Sum of corrected areas: 17096971

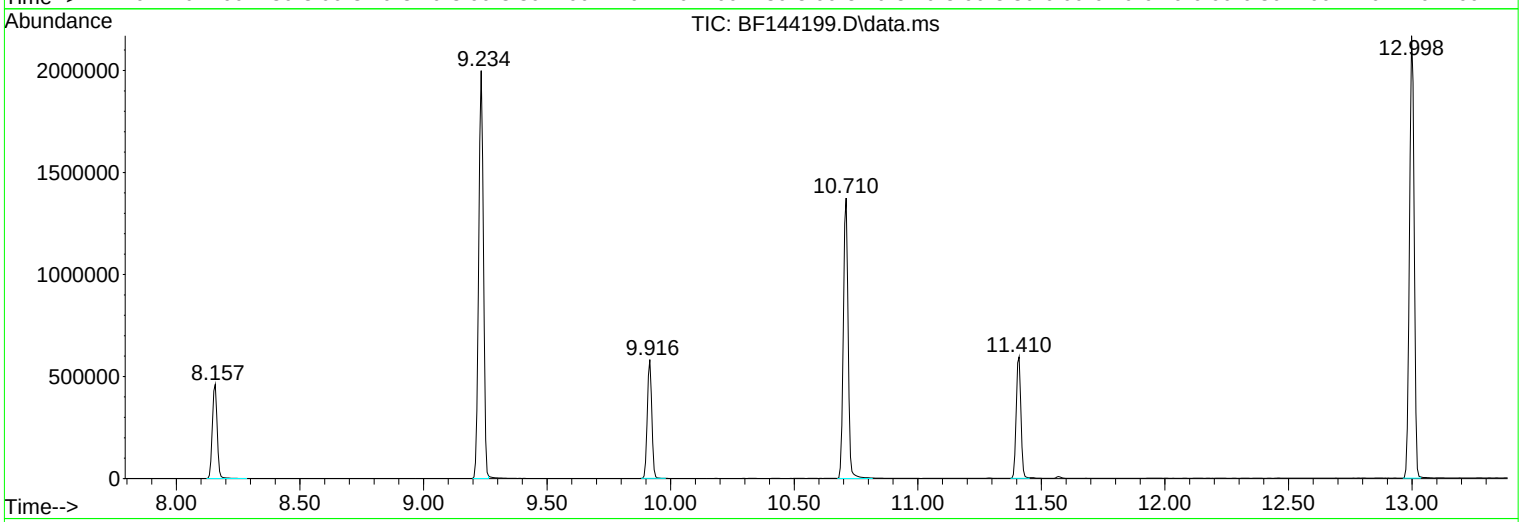
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

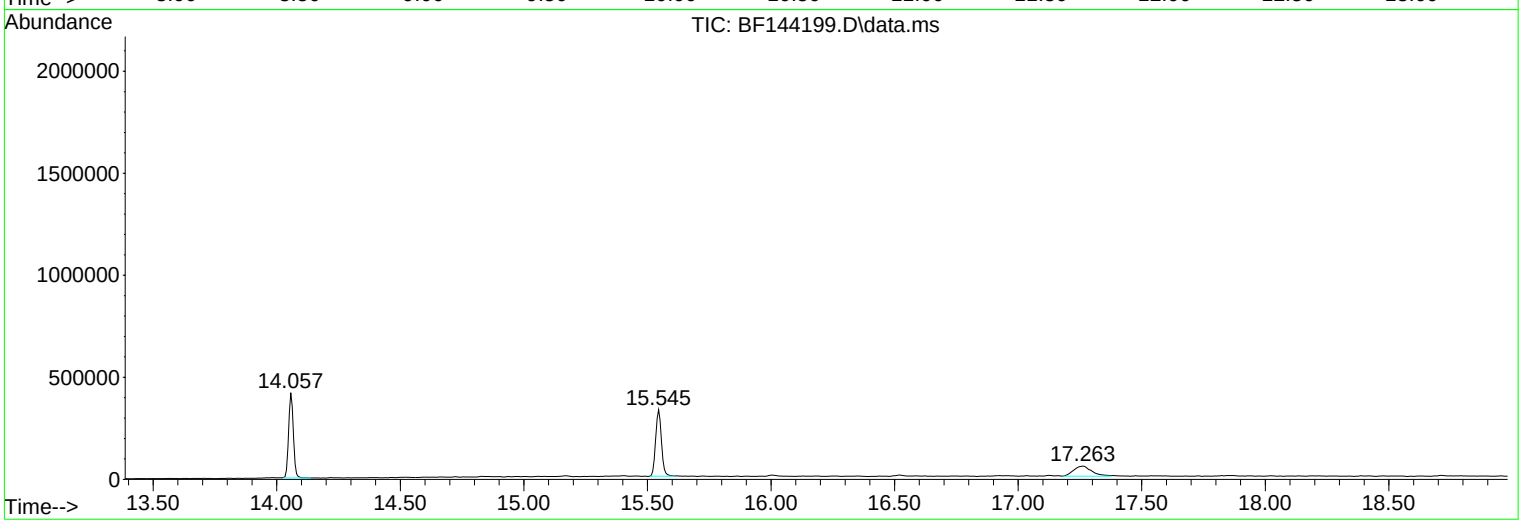
Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

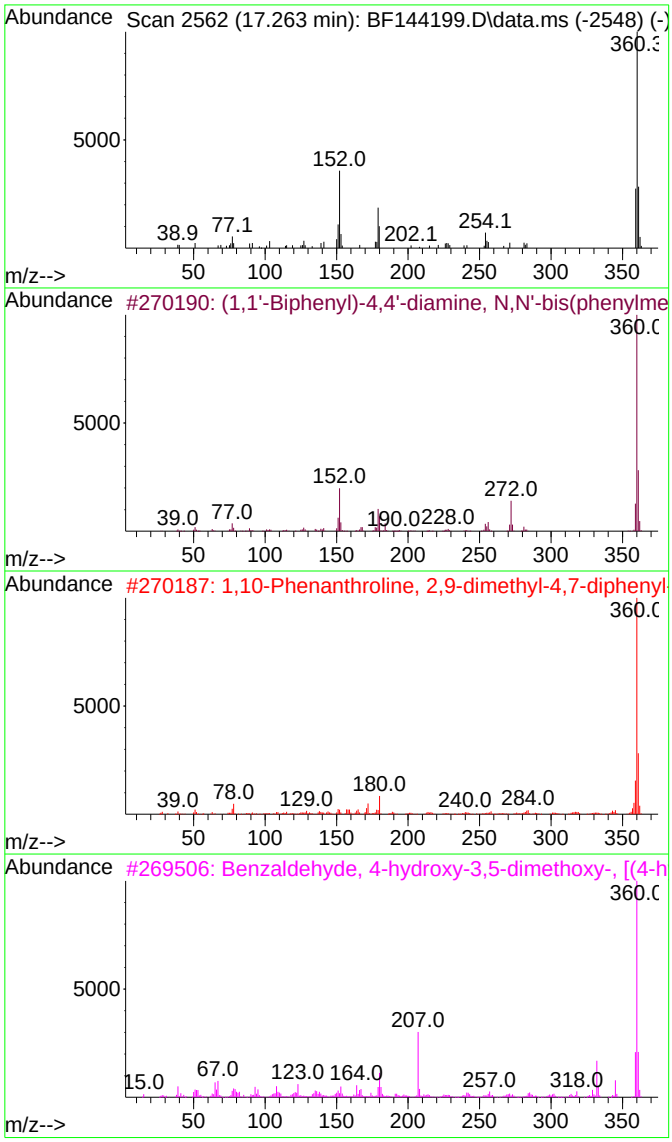
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

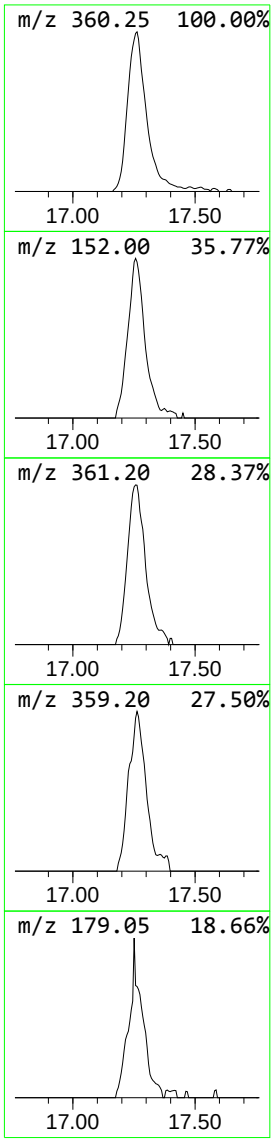
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.262	9.59 ng	252473	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	58
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	53
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	52
5	1H-isoindole-1,3(2H)-dione, 2-[5...	360	C21H16N2O4	1000398-48-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1,1'-Biphenyl)...	17.262	9.6	ng	252473	6	15.545	526637	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	282587	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268017	20.000	ng	0.00
76) Chrysene-d12	14.063	240	166103	20.000	ng	0.01
86) Perylene-d12	15.545	264	208533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	551140	114.507	ng	0.01
7) Phenol-d6	6.510	99	612261	112.265	ng	0.01
23) Nitrobenzene-d5	7.439	82	408124	83.412	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243773	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	856486	78.987	ng	0.00
79) Terphenyl-d14	12.998	244	866540	82.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	69787	35.071	ng	96
3) Pyridine	3.469	79	192404	34.657	ng	99
4) n-Nitrosodimethylamine	3.410	42	136976	47.235	ng	94
6) Aniline	6.540	93	266948	34.355	ng	94
8) 2-Chlorophenol	6.663	128	202619	42.926	ng	98
9) Benzaldehyde	6.428	77	100143	32.518	ng	97
10) Phenol	6.522	94	279333	41.921	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	208389	42.920	ng	97
12) 1,3-Dichlorobenzene	6.816	146	241625	41.484	ng	99
13) 1,4-Dichlorobenzene	6.892	146	253427	43.430	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241447	43.169	ng	99
15) Benzyl Alcohol	7.016	79	196161	45.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	397303	44.436	ng	93
17) 2-Methylphenol	7.128	107	162150	43.181	ng	97
18) Hexachloroethane	7.386	117	83780	43.215	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	154528	43.042	ng	94
20) 3+4-Methylphenols	7.281	107	184122	41.595	ng	93
22) Acetophenone	7.287	105	290309	47.889	ng	96
24) Nitrobenzene	7.457	77	234871	44.211	ng	99
25) Isophorone	7.698	82	416737	45.029	ng	99
26) 2-Nitrophenol	7.775	139	115191	43.802	ng	96
27) 2,4-Dimethylphenol	7.810	122	190067	48.221	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	257957	44.634	ng	96
29) 2,4-Dichlorophenol	8.016	162	193822	42.664	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	208428	44.679	ng	98
31) Naphthalene	8.181	128	585699	43.571	ng	99
32) Benzoic acid	7.939	122	131726	45.592	ng	96
33) 4-Chloroaniline	8.228	127	124369	25.368	ng	99
34) Hexachlorobutadiene	8.292	225	154326	43.896	ng	99
35) Caprolactam	8.598	113	56688m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.716	107	182799	44.898	ng	99
37) 2-Methylnaphthalene	8.869	142	356464	39.662	ng	99
38) 1-Methylnaphthalene	8.969	142	368954	42.546	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	246104	46.890	ng	98
41) Hexachlorocyclopentadiene	9.022	237	197419	91.222	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	153139	42.869	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	159933	41.540	ng	99
46) 1,1'-Biphenyl	9.339	154	524494	46.918	ng	99
47) 2-Chloronaphthalene	9.363	162	396675	41.599	ng	98
48) 2-Nitroaniline	9.463	65	126485	45.972	ng	99
49) Acenaphthylene	9.780	152	629798	48.466	ng	98
50) Dimethylphthalate	9.639	163	474893	44.761	ng	99
51) 2,6-Dinitrotoluene	9.704	165	102027	47.505	ng	98
52) Acenaphthene	9.951	154	345560	39.767	ng	98
53) 3-Nitroaniline	9.875	138	72985	31.087	ng	99
54) 2,4-Dinitrophenol	9.986	184	112309	86.597	ng	98
55) Dibenzofuran	10.122	168	509223	41.842	ng	98
56) 4-Nitrophenol	10.039	139	134569	79.237	ng	93
57) 2,4-Dinitrotoluene	10.110	165	130747	45.475	ng	93
58) Fluorene	10.469	166	403013	43.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	124788	45.811	ng	97
60) Diethylphthalate	10.339	149	442821	45.276	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	222229	42.162	ng	95
62) 4-Nitroaniline	10.492	138	98043	43.851	ng	98
63) Azobenzene	10.622	77	419160	46.050	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	77843	42.753	ng	97
66) n-Nitrosodiphenylamine	10.580	169	394291	45.741	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	151509	44.288	ng	98
68) Hexachlorobenzene	11.016	284	182575	45.310	ng	98
69) Atrazine	11.104	200	129589	47.271	ng	99
70) Pentachlorophenol	11.216	266	188539	93.963	ng	99
71) Phenanthrene	11.433	178	587824	44.051	ng	100
72) Anthracene	11.486	178	594138	43.787	ng	99
73) Carbazole	11.639	167	504944	43.764	ng	99
74) Di-n-butylphthalate	11.969	149	635124	45.535	ng	99
75) Fluoranthene	12.627	202	593499	43.055	ng	99
77) Benzidine	12.751	184	127913	26.035	ng	99
78) Pyrene	12.857	202	595945	44.498	ng	99
80) Butylbenzylphthalate	13.474	149	218599	47.094	ng	97
81) Benzo(a)anthracene	14.051	228	527718	45.840	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	137930	34.954	ng	96
83) Chrysene	14.086	228	467136	43.956	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	295568	46.515	ng	97
85) Di-n-octyl phthalate	14.645	149	506010	46.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	690764	46.145	ng	99
88) Benzo(b)fluoranthene	15.110	252	612732	51.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	478154	43.090	ng	99
90) Benzo(a)pyrene	15.480	252	532196	48.659	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	573506	47.705	ng	99
92) Benzo(g,h,i)perylene	17.509	276	584704	49.251	ng	99

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

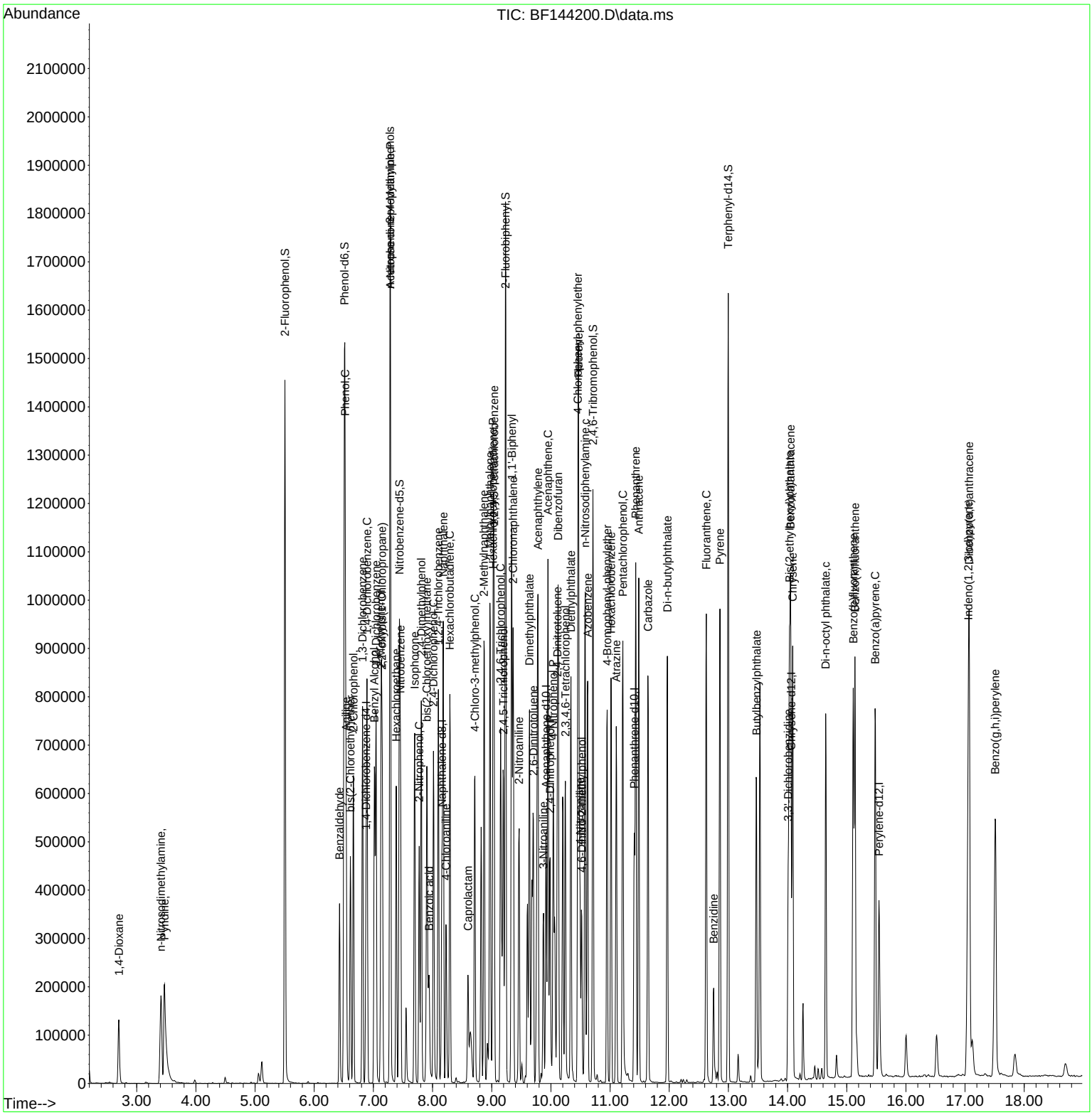
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	296222	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1166343	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	745428	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1549759	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1762341	20.000	ng		0.01
86) Perylene-d12	24.924	264	2068063	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1778196	99.054	ng		0.00
7) Phenol-d6	6.849	99	2260243	98.920	ng		0.00
23) Nitrobenzene-d5	8.813	82	1249195	66.768	ng		-0.01
42) 2,4,6-Tribromophenol	15.825	330	939233	116.547	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3047663	58.748	ng		-0.01
79) Terphenyl-d14	19.866	244	5237660	60.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	284762	37.628	ng		98
3) Pyridine	3.614	79	786988	36.581	ng		97
4) n-Nitrosodimethylamine	3.525	42	362450	42.035	ng		90
6) Aniline	7.008	93	934451	30.643	ng		98
8) 2-Chlorophenol	7.249	128	946013	47.589	ng		97
9) Benzaldehyde	6.819	77	463796	39.047	ng		99
10) Phenol	6.878	94	1148006	45.257	ng		100
11) bis(2-Chloroethyl)ether	7.102	93	833295	41.626	ng		99
12) 1,3-Dichlorobenzene	7.566	146	1009516	44.220	ng		99
13) 1,4-Dichlorobenzene	7.713	146	1027189	44.502	ng		100
14) 1,2-Dichlorobenzene	8.025	146	980092	44.498	ng		100
15) Benzyl Alcohol	7.908	79	748510	45.441	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1165540	38.523	ng		98
17) 2-Methylphenol	8.113	107	766752	46.161	ng		99
18) Hexachloroethane	8.749	117	355877	45.057	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	609970	43.005	ng		97
20) 3+4-Methylphenols	8.431	107	1042051	45.095	ng		98
22) Acetophenone	8.484	105	1300398	44.085	ng	#	97
24) Nitrobenzene	8.855	77	906907	45.910	ng		98
25) Isophorone	9.384	82	1731602	43.240	ng		99
26) 2-Nitrophenol	9.560	139	459763	62.382	ng		96
27) 2,4-Dimethylphenol	9.625	122	854401	50.736	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1086520	43.051	ng		100
29) 2,4-Dichlorophenol	10.096	162	868157	48.825	ng		98
30) 1,2,4-Trichlorobenzene	10.307	180	905744	46.866	ng		97
31) Naphthalene	10.496	128	2743320	43.132	ng		100
32) Benzoic acid	9.755	122	691403	61.547	ng		96
33) 4-Chloroaniline	10.596	127	470005	19.230	ng		99
34) Hexachlorobutadiene	10.790	225	548423	44.654	ng		98
35) Caprolactam	11.366	113	308604	49.424	ng	#	88
36) 4-Chloro-3-methylphenol	11.725	107	912347	48.947	ng		99
37) 2-Methylnaphthalene	12.113	142	1770111	39.764	ng		99
38) 1-Methylnaphthalene	12.331	142	1816726	42.008	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	1008627	43.548	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1120849	132.265	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	708087	51.722	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.790	196	788989	50.507	ng		99
46)	1,1'-Biphenyl	13.131	154	2485365	43.543	ng		99
47)	2-Chloronaphthalene	13.172	162	1920130	42.757	ng		99
48)	2-Nitroaniline	13.372	65	556442	48.138	ng		95
49)	Acenaphthylene	14.031	152	3279242	50.100	ng		100
50)	Dimethylphthalate	13.766	163	2430796	44.831	ng		100
51)	2,6-Dinitrotoluene	13.878	165	530255	52.105	ng		93
52)	Acenaphthene	14.378	154	1822943	40.569	ng		100
53)	3-Nitroaniline	14.201	138	344027	29.253	ng	#	96
54)	2,4-Dinitrophenol	14.419	184	617165	110.722	ng		92
55)	Dibenzofuran	14.719	168	2957373	43.561	ng		98
56)	4-Nitrophenol	14.525	139	1117576	103.365	ng		94
57)	2,4-Dinitrotoluene	14.678	165	777166	51.982	ng		91
58)	Fluorene	15.384	166	2341092	44.015	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.948	232	699686	56.966	ng		98
60)	Diethylphthalate	15.160	149	2469705	45.307	ng		99
61)	4-Chlorophenyl-phenyle...	15.384	204	1137548	42.828	ng		98
62)	4-Nitroaniline	15.395	138	605617	52.270	ng		94
63)	Azobenzene	15.684	77	2303527	46.628	ng		96
65)	4,6-Dinitro-2-methylph...	15.454	198	416417	61.165	ng		91
66)	n-Nitrosodiphenylamine	15.595	169	2155394	44.482	ng		100
67)	4-Bromophenyl-phenylether	16.301	248	754222	43.874	ng		97
68)	Hexachlorobenzene	16.419	284	877752	44.852	ng		96
69)	Atrazine	16.578	200	819183	50.115	ng		98
70)	Pentachlorophenol	16.772	266	1254838	104.976	ng		99
71)	Phenanthrene	17.172	178	3856008	42.748	ng		100
72)	Anthracene	17.260	178	3964031	44.333	ng		99
73)	Carbazole	17.542	167	3883757	45.885	ng		100
74)	Di-n-butylphthalate	18.154	149	4567374	48.225	ng		99
75)	Fluoranthene	19.266	202	4810970	45.721	ng		98
77)	Benzidine	19.460	184	2760993	61.722	ng		99
78)	Pyrene	19.642	202	5019988	42.116	ng		99
80)	Butylbenzylphthalate	20.607	149	2238758	50.144	ng		99
81)	Benzo(a)anthracene	21.560	228	5361718	44.274	ng		100
82)	3,3'-Dichlorobenzidine	21.489	252	1330753	34.105	ng		99
83)	Chrysene	21.625	228	5030796	43.854	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.525	149	3357041	47.305	ng		99
85)	Di-n-octyl phthalate	22.819	149	5992300	57.119	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.718	276	6960277m	45.588	ng		
88)	Benzo(b)fluoranthene	23.877	252	5541720	43.165	ng		99
89)	Benzo(k)fluoranthene	23.948	252	5709385	43.549	ng		99
90)	Benzo(a)pyrene	24.771	252	5501616	46.645	ng		99
91)	Dibenzo(a,h)anthracene	28.818	278	5718465	46.024	ng		99
92)	Benzo(g,h,i)perylene	29.895	276	5625013	47.046	ng		97

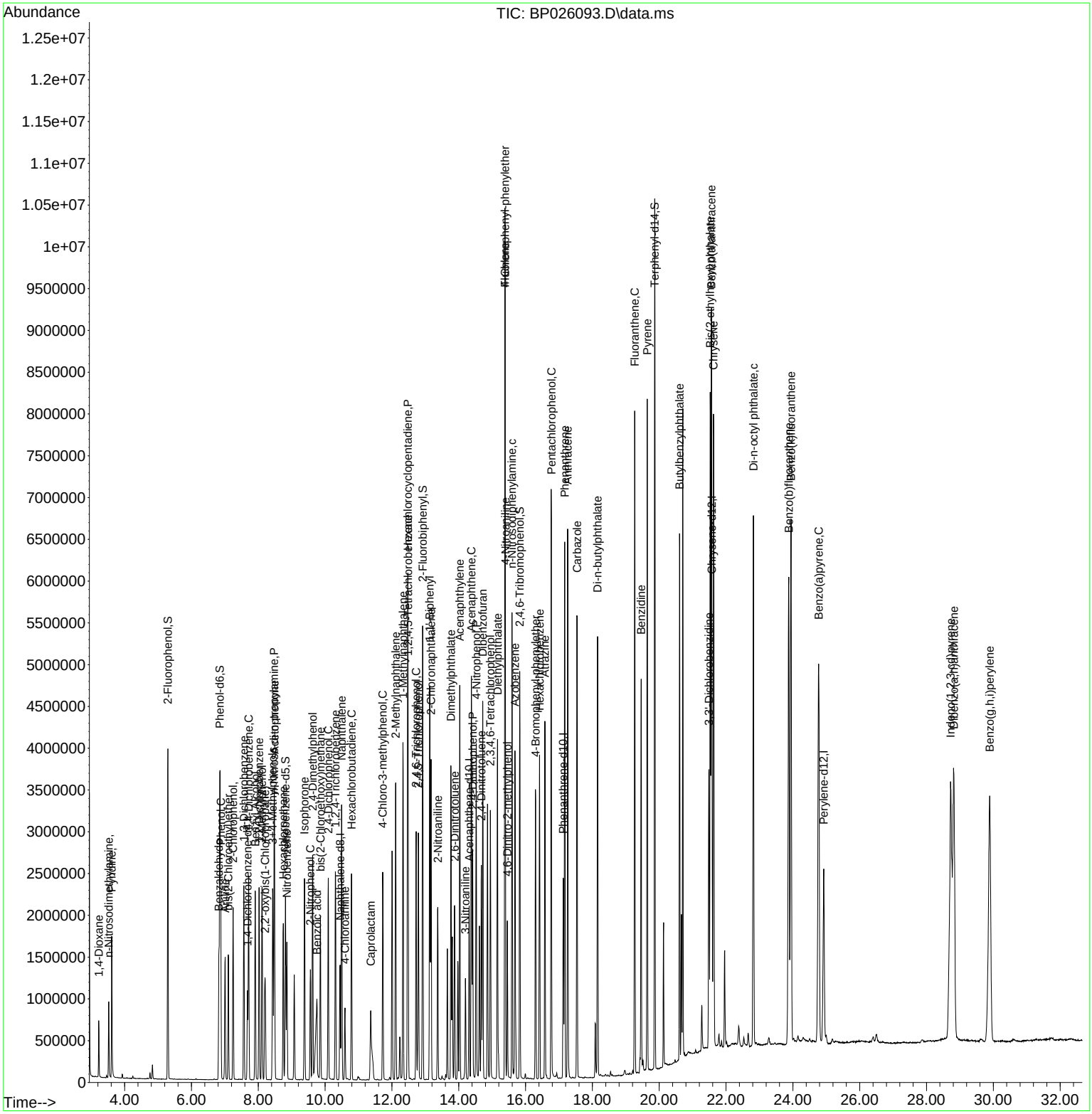
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	270854	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1115775	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	711326	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1435440	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1558558	20.000	ng	0.02
86) Perylene-d12	24.918	264	1925500	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1717502	104.634	ng	0.00
7) Phenol-d6	6.854	99	2209997	105.780	ng	0.00
23) Nitrobenzene-d5	8.819	82	1219040	68.109	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	911398	118.515	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	3055922	61.732	ng	0.00
79) Terphenyl-d14	19.871	244	4779744	62.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	261509	37.791	ng	97
3) Pyridine	3.613	79	725391	36.876	ng	97
4) n-Nitrosodimethylamine	3.525	42	341300	43.290	ng	90
6) Aniline	7.007	93	925919	33.207	ng	98
8) 2-Chlorophenol	7.249	128	922742	50.766	ng	96
9) Benzaldehyde	6.819	77	442961	40.786	ng	98
10) Phenol	6.878	94	1128889	48.671	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	806435	44.057	ng	99
12) 1,3-Dichlorobenzene	7.572	146	946954	45.365	ng	98
13) 1,4-Dichlorobenzene	7.707	146	967002	45.818	ng	100
14) 1,2-Dichlorobenzene	8.019	146	934651	46.409	ng	100
15) Benzyl Alcohol	7.907	79	738501	49.032	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1115064	40.307	ng	96
17) 2-Methylphenol	8.107	107	747464	49.214	ng	99
18) Hexachloroethane	8.743	117	338138	46.821	ng	100
19) n-Nitroso-di-n-propyla...	8.472	70	601399	46.372	ng	96
20) 3+4-Methylphenols	8.437	107	1031032	48.797	ng	99
22) Acetophenone	8.484	105	1282469	45.448	ng	97
24) Nitrobenzene	8.860	77	882581	46.703	ng	98
25) Isophorone	9.378	82	1708588	44.599	ng	100
26) 2-Nitrophenol	9.560	139	453068	64.179	ng	97
27) 2,4-Dimethylphenol	9.631	122	844212	52.403	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1074718	44.514	ng	99
29) 2,4-Dichlorophenol	10.090	162	860362	50.580	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	876028	47.383	ng	97
31) Naphthalene	10.495	128	2691629	44.237	ng	100
32) Benzoic acid	9.748	122	676396	62.530	ng	96
33) 4-Chloroaniline	10.595	127	414754	17.739	ng	99
34) Hexachlorobutadiene	10.784	225	530487	45.152	ng	99
35) Caprolactam	11.366	113	298250m	49.930	ng	
36) 4-Chloro-3-methylphenol	11.731	107	886927	49.739	ng	96
37) 2-Methylnaphthalene	12.113	142	1742690	40.922	ng	99
38) 1-Methylnaphthalene	12.337	142	1788990	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	987579	44.683	ng	99
41) Hexachlorocyclopentadiene	12.472	237	1140129	140.990	ng	98
43) 2,4,6-Trichlorophenol	12.731	196	703674	53.864	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	776825	52.112	ng		98
46) 1,1'-Biphenyl	13.137	154	2440513	44.807	ng		99
47) 2-Chloronaphthalene	13.178	162	1896905	44.264	ng		98
48) 2-Nitroaniline	13.378	65	551553	49.890	ng		96
49) Acenaphthylene	14.031	152	3264189	52.261	ng		100
50) Dimethylphthalate	13.778	163	2394255	46.274	ng		100
51) 2,6-Dinitrotoluene	13.878	165	518105	53.280	ng		96
52) Acenaphthene	14.389	154	2141197	49.936	ng		99
53) 3-Nitroaniline	14.207	138	322608	28.793	ng	#	98
54) 2,4-Dinitrophenol	14.425	184	582738	109.954	ng		95
55) Dibenzofuran	14.731	168	2888133	44.581	ng		100
56) 4-Nitrophenol	14.531	139	1063004	103.031	ng		97
57) 2,4-Dinitrotoluene	14.678	165	746671	52.315	ng		95
58) Fluorene	15.389	166	2336182	46.029	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	680080	58.025	ng		98
60) Diethylphthalate	15.178	149	2412363	46.377	ng		99
61) 4-Chlorophenyl-phenyle...	15.389	204	1129798	44.575	ng		99
62) 4-Nitroaniline	15.401	138	575520	52.053	ng		96
63) Azobenzene	15.689	77	2243220	47.584	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	392233	61.923	ng		91
66) n-Nitrosodiphenylamine	15.601	169	2087730	46.517	ng		100
67) 4-Bromophenyl-phenylether	16.307	248	747705	46.958	ng		97
68) Hexachlorobenzene	16.425	284	850021	46.895	ng		98
69) Atrazine	16.595	200	779928	51.514	ng		98
70) Pentachlorophenol	16.772	266	1199329	108.323	ng		99
71) Phenanthrene	17.177	178	3738298	44.743	ng		100
72) Anthracene	17.272	178	3835185	46.308	ng		100
73) Carbazole	17.548	167	3606555	46.004	ng		100
74) Di-n-butylphthalate	18.154	149	4293156	48.940	ng		100
75) Fluoranthene	19.271	202	4500587	46.178	ng		99
77) Benzidine	19.460	184	2562154	64.766	ng		99
78) Pyrene	19.648	202	4613557	43.767	ng		99
80) Butylbenzylphthalate	20.618	149	2046991	51.728	ng		96
81) Benzo(a)anthracene	21.565	228	4914004	45.882	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	1244227	36.057	ng		100
83) Chrysene	21.630	228	4558967	44.937	ng		100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3019336	48.065	ng		98
85) Di-n-octyl phthalate	22.818	149	5570128	60.037	ng		97
87) Indeno(1,2,3-cd)pyrene	28.712	276	6728862m	47.335	ng		
88) Benzo(b)fluoranthene	23.865	252	5395561	45.138	ng		100
89) Benzo(k)fluoranthene	23.936	252	5338585	43.736	ng		99
90) Benzo(a)pyrene	24.765	252	5253292	47.837	ng		99
91) Dibenzo(a,h)anthracene	28.800	278	5505218	47.589	ng		99
92) Benzo(g,h,i)perylene	29.877	276	5403461	48.540	ng		98

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

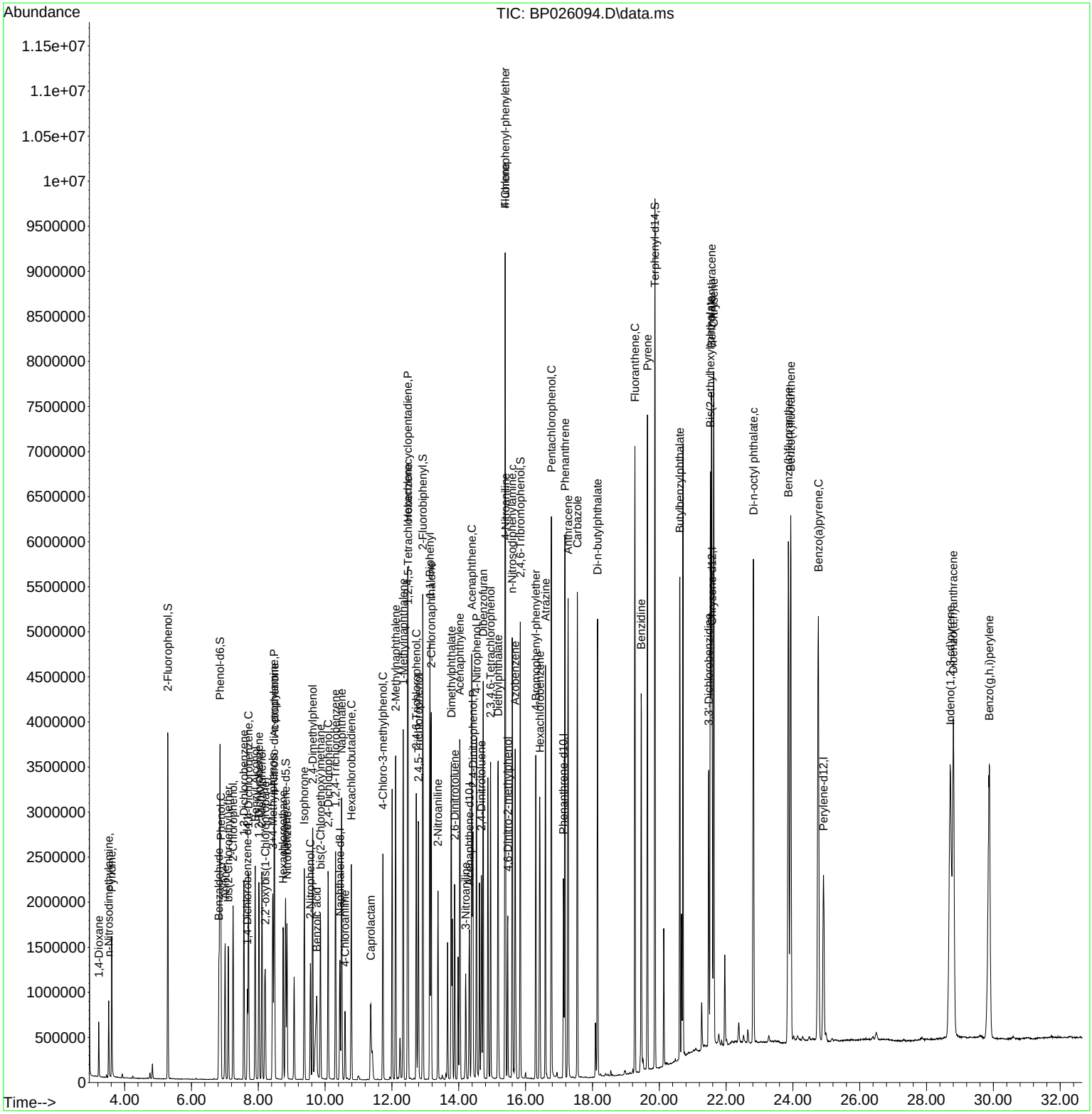
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF111125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170478BS	BF144200.D	Caprolactam	rahul	11/12/2025 9:18:27 AM	Jagrut	11/12/2025 11:26:05 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
Q3586-03MS	BP026093.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:46 AM	Jagrut	11/12/2025 11:21:55 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Caprolactam	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM				
SubDirectory	BF111125	HP Acquire Method	BNA_F		HP Processing Method	BF110525	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Not Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	Comp#9,77 fail from highside	RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-(	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-(	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C(	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C(	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-(	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-(	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,65,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59	TYPO- SAMPLE # TO BE CORRECTED	RC/JU	Not Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170478

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/11/2025
Matrix :	Solid			**Extraction Start Time :**	09:28
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	11/11/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:55
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
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
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.Q3590-01,03,05 used limited volume as samples are Oily Debris + Small particles.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext lab)	JY / SVOC
13:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170478

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170478BL	SBLK478	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U3-1
PB170478BS	SLCS478	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3581-01	VNJ-238	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	F		3
Q3581-03	VNJ-245	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	F		4
Q3581-05	VNJ-240	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	F		5
Q3581-07	RBR200059	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	F		6
Q3582-04	RT4912	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	F		U4-1
Q3583-04	CHRT27080	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E	Sludge	2
Q3586-01	SED-1	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		3
Q3586-02	SED-2	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	H		4
Q3586-03	SED-3	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	H		5
Q3586-03MS	SED-3MS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	H		6
Q3586-03MSD	SED-3MSD	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		U6-1
Q3587-01	NB-08-110725	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		2
Q3588-01	TR-06-11072025	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3588-03	TR-01-11072025	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		4
Q3590-01	MOO-25-0314-0316-COMP	SVOC-TCL BNA -20	5.04	N/A	ritesh	Evelyn	1	F	Oily Debris + Soil	5
Q3590-03	MOO-25-0317-0318-COMP	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris + Small Particles	6
Q3590-05	MOO-25-0319-COMP	SVOC-TCL BNA -20	5.03	N/A	ritesh	Evelyn	1	E	Oily Debris	U7-1
Q3592-01	11625	SVOC-PAH	50.06	N/A	ritesh	Evelyn	1	E	Concrete	2
Q3593-04	A-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.08	N/A	ritesh	Evelyn	1	E		3
Q3593-06	B-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.01	N/A	ritesh	Evelyn	1	E		4
Q3593-08	C-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.07	N/A	ritesh	Evelyn	1	E		5
Q3593-10	D-LAW-25-0156-0166-COMP	SVOC-TCL BNA	50.05	N/A	ritesh	Evelyn	1	E		6

RS 11/11

* **Extracts relinquished on the same date as received.**

Q3586 9:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3582 **WorkList ID :** 193030 **Department :** Extraction **Date :** 11-11-2025 08:17:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-03	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-05	VNJ-240	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-07	RBR200059	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3582-04	RT4912	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	11/07/2025	8270E
Q3583-04	CHRT27080	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3586-01	SED-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3586-02	SED-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3586-03	SED-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3587-01	NB-08-110725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3588-01	TR-06-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3588-03	TR-01-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3590-01	MOO-25-0314-0316-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3590-03	MOO-25-0317-0318-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3590-05	MOO-25-0319-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3592-01	11625	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E

317 of 821

Date/Time 11/11/25 9:25
Raw Sample Received by: RJ (Ex Labs)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 9:57
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ex Labs)

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3586 **Order ID:** Q3586

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	62.9
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.21	U	1	0.21	2.70	ug/kg	11/11/25 13:41	PB170476
319-85-7	beta-BHC	0.29	U	1	0.29	2.70	ug/kg	11/11/25 13:41	PB170476
319-86-8	delta-BHC	0.62	U	1	0.62	2.70	ug/kg	11/11/25 13:41	PB170476
58-89-9	gamma-BHC (Lindane)	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
76-44-8	Heptachlor	0.19	U	1	0.19	2.70	ug/kg	11/11/25 13:41	PB170476
309-00-2	Aldrin	0.19	U	1	0.19	2.70	ug/kg	11/11/25 13:41	PB170476
1024-57-3	Heptachlor epoxide	0.30	U	1	0.30	2.70	ug/kg	11/11/25 13:41	PB170476
959-98-8	Endosulfan I	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
60-57-1	Dieldrin	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
72-55-9	4,4-DDE	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
72-20-8	Endrin	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
33213-65-9	Endosulfan II	0.46	U	1	0.46	2.70	ug/kg	11/11/25 13:41	PB170476
72-54-8	4,4-DDD	0.24	U	1	0.24	2.70	ug/kg	11/11/25 13:41	PB170476
1031-07-8	Endosulfan Sulfate	0.21	U	1	0.21	2.70	ug/kg	11/11/25 13:41	PB170476
50-29-3	4,4-DDT	0.22	U	1	0.22	2.70	ug/kg	11/11/25 13:41	PB170476
72-43-5	Methoxychlor	0.59	U	1	0.59	2.70	ug/kg	11/11/25 13:41	PB170476
53494-70-5	Endrin ketone	0.30	U	1	0.30	2.70	ug/kg	11/11/25 13:41	PB170476
7421-93-4	Endrin aldehyde	0.59	U	1	0.59	2.70	ug/kg	11/11/25 13:41	PB170476
5103-71-9	alpha-Chlordane	0.19	U	1	0.19	2.70	ug/kg	11/11/25 13:41	PB170476
5103-74-2	gamma-Chlordane	0.24	U	1	0.24	2.70	ug/kg	11/11/25 13:41	PB170476
8001-35-2	Toxaphene	8.60	U	1	8.60	52.4	ug/kg	11/11/25 13:41	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.5			30 (10) - 150 (143)	78%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.2			30 (10) - 150 (131)	86%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	41.4
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.31	U	1	0.31	4.10	ug/kg	11/11/25 13:55	PB170476
319-85-7	beta-BHC	0.43	U	1	0.43	4.10	ug/kg	11/11/25 13:55	PB170476
319-86-8	delta-BHC	0.94	U	1	0.94	4.10	ug/kg	11/11/25 13:55	PB170476
58-89-9	gamma-BHC (Lindane)	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
76-44-8	Heptachlor	0.29	U	1	0.29	4.10	ug/kg	11/11/25 13:55	PB170476
309-00-2	Aldrin	0.29	U	1	0.29	4.10	ug/kg	11/11/25 13:55	PB170476
1024-57-3	Heptachlor epoxide	0.46	U	1	0.46	4.10	ug/kg	11/11/25 13:55	PB170476
959-98-8	Endosulfan I	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
60-57-1	Dieldrin	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
72-55-9	4,4-DDE	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
72-20-8	Endrin	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
33213-65-9	Endosulfan II	0.70	U	1	0.70	4.10	ug/kg	11/11/25 13:55	PB170476
72-54-8	4,4-DDD	0.36	U	1	0.36	4.10	ug/kg	11/11/25 13:55	PB170476
1031-07-8	Endosulfan Sulfate	0.31	U	1	0.31	4.10	ug/kg	11/11/25 13:55	PB170476
50-29-3	4,4-DDT	0.34	U	1	0.34	4.10	ug/kg	11/11/25 13:55	PB170476
72-43-5	Methoxychlor	0.89	U	1	0.89	4.10	ug/kg	11/11/25 13:55	PB170476
53494-70-5	Endrin ketone	0.46	U	1	0.46	4.10	ug/kg	11/11/25 13:55	PB170476
7421-93-4	Endrin aldehyde	0.89	U	1	0.89	4.10	ug/kg	11/11/25 13:55	PB170476
5103-71-9	alpha-Chlordane	0.29	U	1	0.29	4.10	ug/kg	11/11/25 13:55	PB170476
5103-74-2	gamma-Chlordane	0.36	U	1	0.36	4.10	ug/kg	11/11/25 13:55	PB170476
8001-35-2	Toxaphene	13.0	U	1	13.0	79.6	ug/kg	11/11/25 13:55	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	5.43	*		30 (10) - 150 (143)	27%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	11.9			30 (10) - 150 (131)	60%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.26	U	1	0.26	3.30	ug/kg	11/11/25 14:09	PB170476
319-85-7	beta-BHC	0.35	U	1	0.35	3.30	ug/kg	11/11/25 14:09	PB170476
319-86-8	delta-BHC	0.77	U	1	0.77	3.30	ug/kg	11/11/25 14:09	PB170476
58-89-9	gamma-BHC (Lindane)	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
76-44-8	Heptachlor	0.24	U	1	0.24	3.30	ug/kg	11/11/25 14:09	PB170476
309-00-2	Aldrin	0.24	U	1	0.24	3.30	ug/kg	11/11/25 14:09	PB170476
1024-57-3	Heptachlor epoxide	0.37	U	1	0.37	3.30	ug/kg	11/11/25 14:09	PB170476
959-98-8	Endosulfan I	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
60-57-1	Dieldrin	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
72-55-9	4,4-DDE	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
72-20-8	Endrin	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
33213-65-9	Endosulfan II	0.57	U	1	0.57	3.30	ug/kg	11/11/25 14:09	PB170476
72-54-8	4,4-DDD	0.29	U	1	0.29	3.30	ug/kg	11/11/25 14:09	PB170476
1031-07-8	Endosulfan Sulfate	0.26	U	1	0.26	3.30	ug/kg	11/11/25 14:09	PB170476
50-29-3	4,4-DDT	0.27	U	1	0.27	3.30	ug/kg	11/11/25 14:09	PB170476
72-43-5	Methoxychlor	0.73	U	1	0.73	3.30	ug/kg	11/11/25 14:09	PB170476
53494-70-5	Endrin ketone	0.37	U	1	0.37	3.30	ug/kg	11/11/25 14:09	PB170476
7421-93-4	Endrin aldehyde	0.73	U	1	0.73	3.30	ug/kg	11/11/25 14:09	PB170476
5103-71-9	alpha-Chlordane	0.24	U	1	0.24	3.30	ug/kg	11/11/25 14:09	PB170476
5103-74-2	gamma-Chlordane	0.29	U	1	0.29	3.30	ug/kg	11/11/25 14:09	PB170476
8001-35-2	Toxaphene	10.6	U	1	10.6	64.8	ug/kg	11/11/25 14:09	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.9			30 (10) - 150 (143)	70%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.1			30 (10) - 150 (131)	80%	SPK: 20		

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

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

Surrogate Summary

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD091050.D	PIBLK-PD091050.D	Decachlorobiphen	1	20	20.4	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.1	105		30 (41)	150 (134)
		Decachlorobiphen	2	20	23.7	119		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.7	123		30 (41)	150 (134)
Q3586-01	SED-1	Decachlorobiphen	1	20	13.9	69		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.9	74		30 (10)	150 (131)
		Decachlorobiphen	2	20	15.5	78		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.2	86		30 (10)	150 (131)
Q3586-02	SED-2	Decachlorobiphen	1	20	4.97	25	*	30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	10.3	52		30 (10)	150 (131)
		Decachlorobiphen	2	20	5.43	27	*	30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	11.9	60		30 (10)	150 (131)
Q3586-03	SED-3	Decachlorobiphen	1	20	12.7	63		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.1	71		30 (10)	150 (131)
		Decachlorobiphen	2	20	13.9	70		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	16.1	80		30 (10)	150 (131)
Q3586-03MS	SED-3MS	Decachlorobiphen	1	20	14.5	73		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.3	72		30 (10)	150 (131)
		Decachlorobiphen	2	20	16.4	82		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.0	85		30 (10)	150 (131)
Q3586-03MSD	SED-3MSD	Decachlorobiphen	1	20	14.7	73		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.9	74		30 (10)	150 (131)
		Decachlorobiphen	2	20	16.6	83		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.3	86		30 (10)	150 (131)
I.BLK-PD091067.D	PIBLK-PD091067.D	Decachlorobiphen	1	20	19.8	99		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.5	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.9	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.2	116		30 (41)	150 (134)
I.BLK-PD091081.D	PIBLK-PD091081.D	Decachlorobiphen	1	20	21.9	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.8	109		30 (41)	150 (134)
		Decachlorobiphen	2	20	27.4	137		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	25.6	128		30 (41)	150 (134)
PB170476BL	PB170476BL	Decachlorobiphen	1	20	18.9	94		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	18.6	93		30 (10)	150 (131)
		Decachlorobiphen	2	20	23.4	117		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	21.6	108		30 (10)	150 (131)
PB170476BS	PB170476BS	Decachlorobiphen	1	20	22.7	113		30 (10)	150 (143)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB170476BS	PB170476BS	Tetrachloro-m-xyl	1	20	22.9	115		30 (10)	150 (131)
		Decachlorobiphen	2	20	28.4	142		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	26.0	130		30 (10)	150 (131)
I.BLK-PD091104.D	PIBLK-PD091104.D	Decachlorobiphen	1	20	21.7	108		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	22.0	110		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.9	130		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.7	124		30 (41)	150 (134)

( ) = 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.: Q3586 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PD091062.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3586-03MS (Column 1)**	**Client Sample ID:**		**SED-3MS**								
	alpha-BHC	32.67	0	31.0	ug/kg	95				30 (60)	150 (144)	
	beta-BHC	32.67	0	30.8	ug/kg	94				30 (54)	150 (143)	
	delta-BHC	32.67	0	31.3	ug/kg	96				30 (47)	150 (129)	
	gamma-BHC (Lindane)	32.67	0	30.5	ug/kg	93				30 (39)	150 (136)	
	Heptachlor	32.67	0	37.2	ug/kg	114				30 (33)	150 (148)	
	Aldrin	32.67	0	30.6	ug/kg	94				30 (38)	150 (139)	
	Heptachlor epoxide	32.67	0	30.5	ug/kg	93				30 (23)	150 (155)	
	Endosulfan I	32.67	0	30.2	ug/kg	92				30 (30)	150 (142)	
	Dieldrin	32.67	0	30.4	ug/kg	93				30 (32)	150 (140)	
	4,4'-DDE	32.67	0	29.8	ug/kg	91				30 (20)	150 (156)	
	Endrin	32.67	0	29.9	ug/kg	92				30 (57)	150 (139)	
	Endosulfan II	32.67	0	29.2	ug/kg	89				30 (41)	150 (125)	
	4,4'-DDD	32.67	0	31.7	ug/kg	97				30 (47)	150 (163)	
	Endosulfan sulfate	32.67	0	29.4	ug/kg	90				30 (43)	150 (125)	
	4,4'-DDT	32.67	0	30.9	ug/kg	95				30 (25)	150 (149)	
	Methoxychlor	32.67	0	30.7	ug/kg	94				30 (32)	150 (132)	
	Endrin ketone	32.67	0	30.6	ug/kg	94				30 (27)	150 (142)	
	Endrin aldehyde	32.67	0	30.3	ug/kg	93				30 (19)	150 (148)	
	alpha-Chlordane	32.67	0	29.7	ug/kg	91				30 (26)	150 (147)	
	gamma-Chlordane	32.67	0	29.4	ug/kg	90				30 (30)	150 (142)	
Lab Sample ID:	**Q3586-03MS (Column 2)**	**Client Sample ID:**		**SED-3MS**								
	alpha-BHC	32.67	0	33.4	ug/kg	102				30 (60)	150 (144)	
	beta-BHC	32.67	0	33.6	ug/kg	103				30 (54)	150 (143)	
	delta-BHC	32.67	0	32.8	ug/kg	100				30 (47)	150 (129)	
	gamma-BHC (Lindane)	32.67	0	32.9	ug/kg	101				30 (39)	150 (136)	
	Heptachlor	32.67	0	34.7	ug/kg	106				30 (33)	150 (148)	
	Aldrin	32.67	0	32.8	ug/kg	100				30 (38)	150 (139)	
	Heptachlor epoxide	32.67	0	32.8	ug/kg	100				30 (23)	150 (155)	
	Endosulfan I	32.67	0	32.5	ug/kg	99				30 (30)	150 (142)	
	Dieldrin	32.67	0	32.6	ug/kg	100				30 (32)	150 (140)	
	4,4'-DDE	32.67	0	32.5	ug/kg	99				30 (20)	150 (156)	
	Endrin	32.67	0	32.3	ug/kg	99				30 (57)	150 (139)	
	Endosulfan II	32.67	0	32.9	ug/kg	101				30 (41)	150 (125)	
	4,4'-DDD	32.67	0	31.9	ug/kg	98				30 (47)	150 (163)	
	Endosulfan sulfate	32.67	0	32.7	ug/kg	100				30 (43)	150 (125)	

( ) = 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.: Q3586 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PD091062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	32.67	0	33.5	ug/kg	103				30 (25)	150 (149)	
Methoxychlor	32.67	0	33.4	ug/kg	102				30 (32)	150 (132)	
Endrin ketone	32.67	0	33.4	ug/kg	102				30 (27)	150 (142)	
Endrin aldehyde	32.67	0	32.9	ug/kg	101				30 (19)	150 (148)	
alpha-Chlordane	32.67	0	32.5	ug/kg	99				30 (26)	150 (147)	
gamma-Chlordane	32.67	0	32.5	ug/kg	99				30 (30)	150 (142)	

( ) = 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.: Q3586 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PD091063.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3586-03MSD (Column 1)**	**Client Sample ID:**		**SED-3MSD**								
	alpha-BHC	32.68	0	31.7	ug/kg	97		2		30 (60)	150 (144)	30 (15)
	beta-BHC	32.68	0	31.3	ug/kg	96		2		30 (54)	150 (143)	30 (15)
	delta-BHC	32.68	0	31.5	ug/kg	96		0		30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	32.68	0	31.1	ug/kg	95		2		30 (39)	150 (136)	30 (30)
	Heptachlor	32.68	0	37.7	ug/kg	115		1		30 (33)	150 (148)	30 (20)
	Aldrin	32.68	0	31.0	ug/kg	95		1		30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	32.68	0	31.1	ug/kg	95		2		30 (23)	150 (155)	30 (16)
	Endosulfan I	32.68	0	30.7	ug/kg	94		2		30 (30)	150 (142)	30 (15)
	Dieldrin	32.68	0	31.0	ug/kg	95		2		30 (32)	150 (140)	30 (20)
	4,4'-DDE	32.68	0	30.3	ug/kg	93		2		30 (20)	150 (156)	30 (16)
	Endrin	32.68	0	30.3	ug/kg	93		1		30 (57)	150 (139)	30 (16)
	Endosulfan II	32.68	0	29.6	ug/kg	91		2		30 (41)	150 (125)	30 (15)
	4,4'-DDD	32.68	0	32.3	ug/kg	99		2		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	32.68	0	29.9	ug/kg	91		1		30 (43)	150 (125)	30 (15)
	4,4'-DDT	32.68	0	31.5	ug/kg	96		1		30 (25)	150 (149)	30 (15)
	Methoxychlor	32.68	0	31.1	ug/kg	95		1		30 (32)	150 (132)	30 (20)
	Endrin ketone	32.68	0	31.1	ug/kg	95		1		30 (27)	150 (142)	30 (15)
	Endrin aldehyde	32.68	0	30.7	ug/kg	94		1		30 (19)	150 (148)	30 (15)
	alpha-Chlordane	32.68	0	30.4	ug/kg	93		2		30 (26)	150 (147)	30 (20)
	gamma-Chlordane	32.68	0	30.1	ug/kg	92		2		30 (30)	150 (142)	30 (15)
Lab Sample ID:	**Q3586-03MSD (Column 2)**	**Client Sample ID:**		**SED-3MSD**								
	alpha-BHC	32.68	0	33.8	ug/kg	103		1		30 (60)	150 (144)	30 (15)
	beta-BHC	32.68	0	34.2	ug/kg	105		2		30 (54)	150 (143)	30 (15)
	delta-BHC	32.68	0	33.3	ug/kg	102		2		30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	32.68	0	33.4	ug/kg	102		1		30 (39)	150 (136)	30 (30)
	Heptachlor	32.68	0	35.0	ug/kg	107		1		30 (33)	150 (148)	30 (20)
	Aldrin	32.68	0	33.2	ug/kg	102		2		30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	32.68	0	32.8	ug/kg	100		0		30 (23)	150 (155)	30 (16)
	Endosulfan I	32.68	0	32.9	ug/kg	101		2		30 (30)	150 (142)	30 (15)
	Dieldrin	32.68	0	33.0	ug/kg	101		1		30 (32)	150 (140)	30 (20)
	4,4'-DDE	32.68	0	32.8	ug/kg	100		1		30 (20)	150 (156)	30 (16)
	Endrin	32.68	0	32.5	ug/kg	99		0		30 (57)	150 (139)	30 (16)
	Endosulfan II	32.68	0	33.3	ug/kg	102		1		30 (41)	150 (125)	30 (15)
	4,4'-DDD	32.68	0	32.3	ug/kg	99		1		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	32.68	0	33.2	ug/kg	102		2		30 (43)	150 (125)	30 (15)

( ) = 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.: Q3586 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PD091063.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	32.68	0	33.8	ug/kg	103		0		30 (25)	150 (149)	30 (15)
Methoxychlor	32.68	0	33.8	ug/kg	103		1		30 (32)	150 (132)	30 (20)
Endrin ketone	32.68	0	34.2	ug/kg	105		3		30 (27)	150 (142)	30 (15)
Endrin aldehyde	32.68	0	33.3	ug/kg	102		1		30 (19)	150 (148)	30 (15)
alpha-Chlordane	32.68	0	33.0	ug/kg	101		2		30 (26)	150 (147)	30 (20)
gamma-Chlordane	32.68	0	32.8	ug/kg	100		1		30 (30)	150 (142)	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.: Q3586 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091085.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170476BS (Column 1)	alpha-BHC	16.66	15.4	ug/kg	92				40 (84)	140 (123)	
	beta-BHC	16.66	14.9	ug/kg	89				40 (82)	140 (123)	
	delta-BHC	16.66	15.6	ug/kg	94				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	15.2	ug/kg	91				40 (83)	140 (125)	
	Heptachlor	16.66	18.6	ug/kg	112				40 (83)	140 (122)	
	Aldrin	16.66	15.2	ug/kg	91				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.6	ug/kg	100				40 (83)	140 (120)	
	Endosulfan I	16.66	15.3	ug/kg	92				40 (81)	140 (124)	
	Dieldrin	16.66	15.4	ug/kg	92				40 (85)	140 (121)	
	4,4'-DDE	16.66	14.6	ug/kg	88				40 (81)	140 (123)	
	Endrin	16.66	14.8	ug/kg	89				40 (76)	140 (130)	
	Endosulfan II	16.66	17.0	ug/kg	102				40 (80)	140 (125)	
	4,4'-DDD	16.66	16.3	ug/kg	98				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	15.2	ug/kg	91				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.2	ug/kg	97				40 (70)	140 (129)	
	Methoxychlor	16.66	18.3	ug/kg	110				40 (60)	140 (119)	
	Endrin ketone	16.66	15.8	ug/kg	95				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.4	ug/kg	98				40 (79)	140 (124)	
	alpha-Chlordane	16.66	15.1	ug/kg	91				40 (84)	140 (120)	
	gamma-Chlordane	16.66	15.1	ug/kg	91				40 (83)	140 (122)	
PB170476BS (Column 2)	alpha-BHC	16.66	17.4	ug/kg	104				40 (84)	140 (123)	
	beta-BHC	16.66	16.6	ug/kg	100				40 (82)	140 (123)	
	delta-BHC	16.66	17.2	ug/kg	103				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	17.2	ug/kg	103				40 (83)	140 (125)	
	Heptachlor	16.66	17.9	ug/kg	107				40 (83)	140 (122)	
	Aldrin	16.66	17.4	ug/kg	104				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.7	ug/kg	100				40 (83)	140 (120)	
	Endosulfan I	16.66	13.5	ug/kg	81				40 (81)	140 (124)	
	Dieldrin	16.66	17.4	ug/kg	104				40 (85)	140 (121)	
	4,4'-DDE	16.66	17.2	ug/kg	103				40 (81)	140 (123)	
	Endrin	16.66	19.9	ug/kg	119				40 (76)	140 (130)	
	Endosulfan II	16.66	17.5	ug/kg	105				40 (80)	140 (125)	
	4,4'-DDD	16.66	18.1	ug/kg	109				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	17.4	ug/kg	104				40 (81)	140 (122)	
	4,4'-DDT	16.66	17.6	ug/kg	106				40 (70)	140 (129)	
	Methoxychlor	16.66	17.6	ug/kg	106				40 (60)	140 (119)	
	Endrin ketone	16.66	21.5	ug/kg	129				40 (77)	140 (132)	
	Endrin aldehyde	16.66	17.8	ug/kg	107				40 (79)	140 (124)	
	alpha-Chlordane	16.66	17.1	ug/kg	103				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.2	ug/kg	103				40 (83)	140 (122)	

( ) = LABORATORY INHOUSE LIMIT

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170476BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab Sample ID: PB170476BL | Lab File ID: PD091084.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/11/2025

Date Analyzed (1): 11/12/2025 | Date Analyzed (2): 11/12/2025

Time Analyzed (1): 09:44 | Time Analyzed (2): 09:44

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

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
SED-1	Q3586-01	PD091059.D	11/11/2025	11/11/2025
SED-2	Q3586-02	PD091060.D	11/11/2025	11/11/2025
SED-3	Q3586-03	PD091061.D	11/11/2025	11/11/2025
SED-3MS	Q3586-03MS	PD091062.D	11/11/2025	11/11/2025
SED-3MSD	Q3586-03MSD	PD091063.D	11/11/2025	11/11/2025
PB170476BS	PB170476BS	PD091085.D	11/12/2025	11/12/2025

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170476BL	SDG No.:	Q3586
Lab Sample ID:	PB170476BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	11/12/25 09:44	PB170476
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	11/12/25 09:44	PB170476
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	11/12/25 09:44	PB170476
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	11/12/25 09:44	PB170476
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	11/12/25 09:44	PB170476
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	11/12/25 09:44	PB170476
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	11/12/25 09:44	PB170476
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	11/12/25 09:44	PB170476
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	11/12/25 09:44	PB170476
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	11/12/25 09:44	PB170476
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	11/12/25 09:44	PB170476
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	11/12/25 09:44	PB170476
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	11/12/25 09:44	PB170476
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	11/12/25 09:44	PB170476
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	11/12/25 09:44	PB170476
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/12/25 09:44	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.4			30 (10) - 150 (143)	117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.6			30 (10) - 150 (131)	108%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	10/17/25
Project:	Edison Landfill	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			30 (31) - 150 (149)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (41) - 150 (134)	100%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PD091050.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PD091050.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/11/25	PD111125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/11/25	PD111125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/11/25	PD111125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/11/25	PD111125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/11/25	PD111125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/11/25	PD111125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/11/25	PD111125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/11/25	PD111125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/11/25	PD111125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/11/25	PD111125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/11/25	PD111125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/11/25	PD111125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/11/25	PD111125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/11/25	PD111125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/11/25	PD111125
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.7			30 (31) - 150 (149)	119%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.7			30 (41) - 150 (134)	123%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PD091067.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PD091067.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/11/25	PD111125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/11/25	PD111125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/11/25	PD111125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/11/25	PD111125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/11/25	PD111125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/11/25	PD111125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/11/25	PD111125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/11/25	PD111125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/11/25	PD111125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/11/25	PD111125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/11/25	PD111125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/11/25	PD111125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/11/25	PD111125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/11/25	PD111125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/11/25	PD111125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/11/25	PD111125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/11/25	PD111125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.9			30 (31) - 150 (149)	100%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.2			30 (41) - 150 (134)	116%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091081.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PD091081.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.4			30 (31) - 150 (149)	137%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.6			30 (41) - 150 (134)	128%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091104.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PD091104.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.9			30 (31) - 150 (149)	130%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.7			30 (41) - 150 (134)	124%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170476BS	SDG No.:	Q3586
Lab Sample ID:	PB170476BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.4		1	0.13	1.70	ug/kg	11/12/25 09:57	PB170476
319-85-7	beta-BHC	16.6		1	0.18	1.70	ug/kg	11/12/25 09:57	PB170476
319-86-8	delta-BHC	17.2		1	0.39	1.70	ug/kg	11/12/25 09:57	PB170476
58-89-9	gamma-BHC (Lindane)	17.2		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
76-44-8	Heptachlor	18.6		1	0.12	1.70	ug/kg	11/12/25 09:57	PB170476
309-00-2	Aldrin	17.4		1	0.12	1.70	ug/kg	11/12/25 09:57	PB170476
1024-57-3	Heptachlor epoxide	16.7		1	0.19	1.70	ug/kg	11/12/25 09:57	PB170476
959-98-8	Endosulfan I	15.3		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
60-57-1	Dieldrin	17.4		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
72-55-9	4,4-DDE	17.2		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
72-20-8	Endrin	19.9		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
33213-65-9	Endosulfan II	17.5		1	0.29	1.70	ug/kg	11/12/25 09:57	PB170476
72-54-8	4,4-DDD	18.1		1	0.15	1.70	ug/kg	11/12/25 09:57	PB170476
1031-07-8	Endosulfan Sulfate	17.4		1	0.13	1.70	ug/kg	11/12/25 09:57	PB170476
50-29-3	4,4-DDT	17.6		1	0.14	1.70	ug/kg	11/12/25 09:57	PB170476
72-43-5	Methoxychlor	18.3		1	0.37	1.70	ug/kg	11/12/25 09:57	PB170476
53494-70-5	Endrin ketone	21.5		1	0.19	1.70	ug/kg	11/12/25 09:57	PB170476
7421-93-4	Endrin aldehyde	17.8		1	0.37	1.70	ug/kg	11/12/25 09:57	PB170476
5103-71-9	alpha-Chlordane	17.1		1	0.12	1.70	ug/kg	11/12/25 09:57	PB170476
5103-74-2	gamma-Chlordane	17.2		1	0.15	1.70	ug/kg	11/12/25 09:57	PB170476
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/12/25 09:57	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.4			30 (10) - 150 (143)	142%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	26.0			30 (10) - 150 (131)	130%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	33.4		1	0.25	3.30	ug/kg	11/11/25 14:22	PB170476
319-85-7	beta-BHC	33.6		1	0.35	3.30	ug/kg	11/11/25 14:22	PB170476
319-86-8	delta-BHC	32.8		1	0.76	3.30	ug/kg	11/11/25 14:22	PB170476
58-89-9	gamma-BHC (Lindane)	32.9		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
76-44-8	Heptachlor	37.2		1	0.24	3.30	ug/kg	11/11/25 14:22	PB170476
309-00-2	Aldrin	32.8		1	0.24	3.30	ug/kg	11/11/25 14:22	PB170476
1024-57-3	Heptachlor epoxide	32.8		1	0.37	3.30	ug/kg	11/11/25 14:22	PB170476
959-98-8	Endosulfan I	32.5		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
60-57-1	Dieldrin	32.6		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
72-55-9	4,4-DDE	32.5		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
72-20-8	Endrin	32.3		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
33213-65-9	Endosulfan II	32.9		1	0.57	3.30	ug/kg	11/11/25 14:22	PB170476
72-54-8	4,4-DDD	31.9		1	0.29	3.30	ug/kg	11/11/25 14:22	PB170476
1031-07-8	Endosulfan Sulfate	32.7		1	0.25	3.30	ug/kg	11/11/25 14:22	PB170476
50-29-3	4,4-DDT	33.5		1	0.27	3.30	ug/kg	11/11/25 14:22	PB170476
72-43-5	Methoxychlor	33.4		1	0.73	3.30	ug/kg	11/11/25 14:22	PB170476
53494-70-5	Endrin ketone	33.4		1	0.37	3.30	ug/kg	11/11/25 14:22	PB170476
7421-93-4	Endrin aldehyde	32.9		1	0.73	3.30	ug/kg	11/11/25 14:22	PB170476
5103-71-9	alpha-Chlordane	32.5		1	0.24	3.30	ug/kg	11/11/25 14:22	PB170476
5103-74-2	gamma-Chlordane	32.5		1	0.29	3.30	ug/kg	11/11/25 14:22	PB170476
8001-35-2	Toxaphene	10.6	U	1	10.6	64.7	ug/kg	11/11/25 14:22	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			30 (10) - 150 (143)	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.0			30 (10) - 150 (131)	85%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	50.9
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	33.8		1	0.25	3.30	ug/kg	11/11/25 14:36	PB170476
319-85-7	beta-BHC	34.2		1	0.35	3.30	ug/kg	11/11/25 14:36	PB170476
319-86-8	delta-BHC	33.3		1	0.76	3.30	ug/kg	11/11/25 14:36	PB170476
58-89-9	gamma-BHC (Lindane)	33.4		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
76-44-8	Heptachlor	37.7		1	0.24	3.30	ug/kg	11/11/25 14:36	PB170476
309-00-2	Aldrin	33.2		1	0.24	3.30	ug/kg	11/11/25 14:36	PB170476
1024-57-3	Heptachlor epoxide	32.8		1	0.37	3.30	ug/kg	11/11/25 14:36	PB170476
959-98-8	Endosulfan I	32.9		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
60-57-1	Dieldrin	33.0		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
72-55-9	4,4-DDE	32.8		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
72-20-8	Endrin	32.5		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
33213-65-9	Endosulfan II	33.3		1	0.57	3.30	ug/kg	11/11/25 14:36	PB170476
72-54-8	4,4-DDD	32.3		1	0.29	3.30	ug/kg	11/11/25 14:36	PB170476
1031-07-8	Endosulfan Sulfate	33.2		1	0.25	3.30	ug/kg	11/11/25 14:36	PB170476
50-29-3	4,4-DDT	33.8		1	0.27	3.30	ug/kg	11/11/25 14:36	PB170476
72-43-5	Methoxychlor	33.8		1	0.73	3.30	ug/kg	11/11/25 14:36	PB170476
53494-70-5	Endrin ketone	34.2		1	0.37	3.30	ug/kg	11/11/25 14:36	PB170476
7421-93-4	Endrin aldehyde	33.3		1	0.73	3.30	ug/kg	11/11/25 14:36	PB170476
5103-71-9	alpha-Chlordane	33.0		1	0.24	3.30	ug/kg	11/11/25 14:36	PB170476
5103-74-2	gamma-Chlordane	32.8		1	0.29	3.30	ug/kg	11/11/25 14:36	PB170476
8001-35-2	Toxaphene	10.6	U	1	10.6	64.7	ug/kg	11/11/25 14:36	PB170476
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.6			30 (10) - 150 (143)	83%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			30 (10) - 150 (131)	86%	SPK: 20		

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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:26 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:26 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091052.D **Time Analyzed:** 09:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	47.930	50.000	-4.1
4,4'-DDE	6.189	6.090	6.290	45.680	50.000	-8.6
4,4'-DDT	7.015	6.915	7.115	45.970	50.000	-8.1
Aldrin	5.263	5.164	5.364	46.770	50.000	-6.5
alpha-BHC	3.993	3.894	4.094	48.020	50.000	-4.0
alpha-Chlordane	6.020	5.921	6.121	44.830	50.000	-10.3
beta-BHC	4.512	4.412	4.612	46.640	50.000	-6.7
Decachlorobiphenyl	9.065	8.964	9.164	40.770	50.000	-18.5
delta-BHC	4.760	4.660	4.860	47.520	50.000	-5.0
Dieldrin	6.340	6.240	6.440	46.640	50.000	-6.7
Endosulfan I	6.067	5.968	6.168	46.250	50.000	-7.5
Endosulfan II	6.781	6.681	6.881	44.170	50.000	-11.7
Endosulfan sulfate	7.145	7.045	7.245	44.560	50.000	-10.9
Endrin	6.568	6.468	6.668	44.690	50.000	-10.6
Endrin aldehyde	6.910	6.810	7.010	44.860	50.000	-10.3
Endrin ketone	7.625	7.525	7.725	45.420	50.000	-9.2
gamma-BHC (Lindane)	4.324	4.225	4.425	47.370	50.000	-5.3
gamma-Chlordane	5.939	5.840	6.040	45.910	50.000	-8.2
Heptachlor	4.922	4.823	5.023	56.770	50.000	13.5
Heptachlor epoxide	5.684	5.584	5.784	46.640	50.000	-6.7
Methoxychlor	7.488	7.388	7.588	45.160	50.000	-9.7
Tetrachloro-m-xylene	3.544	3.445	3.645	46.290	50.000	-7.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091052.D **Time Analyzed:** 09:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	52.740	50.000	5.5
4,4'-DDE	5.364	5.266	5.466	51.460	50.000	2.9
4,4'-DDT	6.173	6.074	6.274	51.330	50.000	2.7
Aldrin	4.359	4.261	4.461	51.960	50.000	3.9
alpha-BHC	3.385	3.287	3.487	52.820	50.000	5.6
alpha-Chlordane	5.180	5.081	5.281	51.460	50.000	2.9
beta-BHC	4.018	3.919	4.119	51.530	50.000	3.1
Decachlorobiphenyl	8.060	7.962	8.162	48.670	50.000	-2.7
delta-BHC	4.254	4.155	4.355	52.350	50.000	4.7
Dieldrin	5.502	5.404	5.604	51.890	50.000	3.8
Endosulfan I	5.237	5.138	5.338	51.410	50.000	2.8
Endosulfan II	6.071	5.972	6.172	51.000	50.000	2.0
Endosulfan sulfate	6.472	6.374	6.574	50.850	50.000	1.7
Endrin	5.779	5.681	5.881	50.610	50.000	1.2
Endrin aldehyde	6.249	6.150	6.350	50.690	50.000	1.4
Endrin ketone	6.982	6.883	7.083	51.750	50.000	3.5
gamma-BHC (Lindane)	3.722	3.623	3.823	52.540	50.000	5.1
gamma-Chlordane	5.115	5.017	5.217	51.560	50.000	3.1
Heptachlor	4.073	3.975	4.175	53.950	50.000	7.9
Heptachlor epoxide	4.863	4.764	4.964	50.620	50.000	1.2
Methoxychlor	6.743	6.645	6.845	50.330	50.000	0.7
Tetrachloro-m-xylene	2.874	2.775	2.975	52.220	50.000	4.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091069.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	46.770	50.000	-6.5
4,4'-DDE	6.190	6.090	6.290	44.410	50.000	-11.2
4,4'-DDT	7.016	6.915	7.115	44.490	50.000	-11.0
Aldrin	5.263	5.164	5.364	45.710	50.000	-8.6
alpha-BHC	3.993	3.894	4.094	47.310	50.000	-5.4
alpha-Chlordane	6.020	5.921	6.121	42.890	50.000	-14.2
beta-BHC	4.511	4.412	4.612	45.720	50.000	-8.6
Decachlorobiphenyl	9.066	8.964	9.164	42.180	50.000	-15.6
delta-BHC	4.759	4.660	4.860	46.470	50.000	-7.1
Dieldrin	6.341	6.240	6.440	44.580	50.000	-10.8
Endosulfan I	6.068	5.968	6.168	44.380	50.000	-11.2
Endosulfan II	6.781	6.681	6.881	42.760	50.000	-14.5
Endosulfan sulfate	7.145	7.045	7.245	43.560	50.000	-12.9
Endrin	6.568	6.468	6.668	43.400	50.000	-13.2
Endrin aldehyde	6.910	6.810	7.010	43.990	50.000	-12.0
Endrin ketone	7.626	7.525	7.725	44.810	50.000	-10.4
gamma-BHC (Lindane)	4.324	4.225	4.425	46.490	50.000	-7.0
gamma-Chlordane	5.939	5.840	6.040	44.130	50.000	-11.7
Heptachlor	4.921	4.823	5.023	55.010	50.000	10.0
Heptachlor epoxide	5.682	5.584	5.784	45.090	50.000	-9.8
Methoxychlor	7.489	7.388	7.588	44.120	50.000	-11.8
Tetrachloro-m-xylene	3.543	3.445	3.645	46.120	50.000	-7.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091069.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	49.330	50.000	-1.3
4,4'-DDE	5.364	5.266	5.466	47.770	50.000	-4.5
4,4'-DDT	6.173	6.074	6.274	47.280	50.000	-5.4
Aldrin	4.358	4.261	4.461	48.890	50.000	-2.2
alpha-BHC	3.385	3.287	3.487	50.250	50.000	0.5
alpha-Chlordane	5.180	5.081	5.281	47.750	50.000	-4.5
beta-BHC	4.018	3.919	4.119	49.010	50.000	-2.0
Decachlorobiphenyl	8.060	7.962	8.162	45.830	50.000	-8.3
delta-BHC	4.254	4.155	4.355	49.490	50.000	-1.0
Dieldrin	5.502	5.404	5.604	48.120	50.000	-3.8
Endosulfan I	5.237	5.138	5.338	47.550	50.000	-4.9
Endosulfan II	6.070	5.972	6.172	47.490	50.000	-5.0
Endosulfan sulfate	6.472	6.374	6.574	47.450	50.000	-5.1
Endrin	5.779	5.681	5.881	47.840	50.000	-4.3
Endrin aldehyde	6.249	6.150	6.350	47.200	50.000	-5.6
Endrin ketone	6.981	6.883	7.083	47.690	50.000	-4.6
gamma-BHC (Lindane)	3.721	3.623	3.823	49.700	50.000	-0.6
gamma-Chlordane	5.115	5.017	5.217	47.830	50.000	-4.3
Heptachlor	4.073	3.975	4.175	51.050	50.000	2.1
Heptachlor epoxide	4.862	4.764	4.964	47.460	50.000	-5.1
Methoxychlor	6.743	6.645	6.845	47.560	50.000	-4.9
Tetrachloro-m-xylene	2.873	2.775	2.975	49.860	50.000	-0.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	50.700	50.000	1.4
4,4'-DDE	6.190	6.090	6.290	47.140	50.000	-5.7
4,4'-DDT	7.016	6.915	7.115	46.930	50.000	-6.1
Aldrin	5.264	5.164	5.364	47.990	50.000	-4.0
alpha-BHC	3.993	3.894	4.094	49.100	50.000	-1.8
alpha-Chlordane	6.020	5.921	6.121	46.460	50.000	-7.1
beta-BHC	4.512	4.412	4.612	47.120	50.000	-5.8
Decachlorobiphenyl	9.066	8.964	9.164	43.920	50.000	-12.2
delta-BHC	4.760	4.660	4.860	48.430	50.000	-3.1
Dieldrin	6.341	6.240	6.440	48.050	50.000	-3.9
Endosulfan I	6.068	5.968	6.168	47.580	50.000	-4.8
Endosulfan II	6.781	6.681	6.881	45.840	50.000	-8.3
Endosulfan sulfate	7.145	7.045	7.245	46.880	50.000	-6.2
Endrin	6.568	6.468	6.668	45.730	50.000	-8.5
Endrin aldehyde	6.910	6.810	7.010	47.220	50.000	-5.6
Endrin ketone	7.625	7.525	7.725	48.450	50.000	-3.1
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.260	50.000	-5.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.684	5.584	5.784	48.040	50.000	-3.9
Methoxychlor	7.489	7.388	7.588	46.930	50.000	-6.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.460	50.000	-5.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	57.160	50.000	14.3
4,4'-DDE	5.364	5.266	5.466	53.980	50.000	8.0
4,4'-DDT	6.172	6.074	6.274	53.820	50.000	7.6
Aldrin	4.359	4.261	4.461	53.990	50.000	8.0
alpha-BHC	3.385	3.287	3.487	54.770	50.000	9.5
alpha-Chlordane	5.180	5.081	5.281	53.940	50.000	7.9
beta-BHC	4.018	3.919	4.119	53.360	50.000	6.7
Decachlorobiphenyl	8.060	7.962	8.162	55.600	50.000	11.2
delta-BHC	4.254	4.155	4.355	54.010	50.000	8.0
Dieldrin	5.502	5.404	5.604	54.550	50.000	9.1
Endosulfan I	5.236	5.138	5.338	53.860	50.000	7.7
Endosulfan II	6.070	5.972	6.172	54.820	50.000	9.6
Endosulfan sulfate	6.472	6.374	6.574	54.680	50.000	9.4
Endrin	5.779	5.681	5.881	52.800	50.000	5.6
Endrin aldehyde	6.249	6.150	6.350	54.950	50.000	9.9
Endrin ketone	6.981	6.883	7.083	57.120	50.000	14.2
gamma-BHC (Lindane)	3.721	3.623	3.823	54.230	50.000	8.5
gamma-Chlordane	5.115	5.017	5.217	54.010	50.000	8.0
Heptachlor	4.073	3.975	4.175	55.610	50.000	11.2
Heptachlor epoxide	4.862	4.764	4.964	52.690	50.000	5.4
Methoxychlor	6.743	6.645	6.845	53.940	50.000	7.9
Tetrachloro-m-xylene	2.874	2.775	2.975	53.990	50.000	8.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	51.080	50.000	2.2
4,4'-DDE	6.189	6.090	6.290	46.450	50.000	-7.1
4,4'-DDT	7.015	6.915	7.115	44.810	50.000	-10.4
Aldrin	5.263	5.164	5.364	48.170	50.000	-3.7
alpha-BHC	3.994	3.894	4.094	49.260	50.000	-1.5
alpha-Chlordane	6.020	5.921	6.121	47.660	50.000	-4.7
beta-BHC	4.512	4.412	4.612	47.370	50.000	-5.3
Decachlorobiphenyl	9.066	8.964	9.164	43.620	50.000	-12.8
delta-BHC	4.760	4.660	4.860	48.920	50.000	-2.2
Dieldrin	6.340	6.240	6.440	47.810	50.000	-4.4
Endosulfan I	6.067	5.968	6.168	47.400	50.000	-5.2
Endosulfan II	6.780	6.681	6.881	45.240	50.000	-9.5
Endosulfan sulfate	7.145	7.045	7.245	46.470	50.000	-7.1
Endrin	6.567	6.468	6.668	45.860	50.000	-8.3
Endrin aldehyde	6.910	6.810	7.010	46.530	50.000	-6.9
Endrin ketone	7.625	7.525	7.725	47.550	50.000	-4.9
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.140	50.000	-5.7
Heptachlor	4.922	4.823	5.023	57.320	50.000	14.6
Heptachlor epoxide	5.684	5.584	5.784	48.260	50.000	-3.5
Methoxychlor	7.488	7.388	7.588	45.760	50.000	-8.5
Tetrachloro-m-xylene	3.544	3.445	3.645	47.550	50.000	-4.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	55.810	50.000	11.6
4,4'-DDE	5.364	5.266	5.466	52.120	50.000	4.2
4,4'-DDT	6.172	6.074	6.274	50.000	50.000	0.0
Aldrin	4.358	4.261	4.461	52.430	50.000	4.9
alpha-BHC	3.385	3.287	3.487	53.050	50.000	6.1
alpha-Chlordane	5.179	5.081	5.281	51.920	50.000	3.8
beta-BHC	4.017	3.919	4.119	51.780	50.000	3.6
Decachlorobiphenyl	8.060	7.962	8.162	53.340	50.000	6.7
delta-BHC	4.253	4.155	4.355	52.470	50.000	4.9
Dieldrin	5.502	5.404	5.604	52.550	50.000	5.1
Endosulfan I	5.236	5.138	5.338	51.700	50.000	3.4
Endosulfan II	6.070	5.972	6.172	52.410	50.000	4.8
Endosulfan sulfate	6.472	6.374	6.574	52.700	50.000	5.4
Endrin	5.779	5.681	5.881	52.500	50.000	5.0
Endrin aldehyde	6.249	6.150	6.350	52.420	50.000	4.8
Endrin ketone	6.981	6.883	7.083	54.990	50.000	10.0
gamma-BHC (Lindane)	3.721	3.623	3.823	52.570	50.000	5.1
gamma-Chlordane	5.115	5.017	5.217	52.160	50.000	4.3
Heptachlor	4.073	3.975	4.175	53.730	50.000	7.5
Heptachlor epoxide	4.862	4.764	4.964	51.170	50.000	2.3
Methoxychlor	6.743	6.645	6.845	51.870	50.000	3.7
Tetrachloro-m-xylene	2.874	2.775	2.975	52.520	50.000	5.0

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091051.D **Date Analyzed:** 11/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:13

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	20.100	20.000	0.5
Tetrachloro-m-xylene	3.544	3.490	3.590	22.260	20.000	11.3
alpha-BHC	3.993	3.940	4.040	9.550	10.000	-4.5
beta-BHC	4.512	4.460	4.560	10.700	10.000	7.0
gamma-BHC (Lindane)	4.324	4.270	4.370	9.750	10.000	-2.5
Endrin	6.568	6.500	6.640	48.230	50.000	-3.5
4,4'-DDT	7.016	6.950	7.090	99.550	100.000	-0.5
Methoxychlor	7.489	7.420	7.560	232.970	250.000	-6.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091051.D **Date Analyzed:** 11/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:13

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.960	8.160	24.040	20.000	20.2
Tetrachloro-m-xylene	2.874	2.820	2.920	25.160	20.000	25.8
alpha-BHC	3.386	3.340	3.440	12.280	10.000	22.8
beta-BHC	4.018	3.970	4.070	12.470	10.000	24.7
gamma-BHC (Lindane)	3.722	3.670	3.770	12.320	10.000	23.2
Endrin	5.779	5.710	5.850	54.560	50.000	9.1
4,4'-DDT	6.173	6.100	6.240	109.940	100.000	9.9
Methoxychlor	6.744	6.670	6.810	224.670	250.000	-10.1

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.200	20.000	11.0
Tetrachloro-m-xylene	3.544	3.490	3.590	22.670	20.000	13.4
alpha-BHC	3.993	3.940	4.040	9.740	10.000	-2.6
beta-BHC	4.512	4.460	4.560	10.880	10.000	8.8
gamma-BHC (Lindane)	4.324	4.270	4.370	9.950	10.000	-0.5
Endrin	6.568	6.500	6.640	49.610	50.000	-0.8
4,4'-DDT	7.016	6.950	7.090	101.310	100.000	1.3
Methoxychlor	7.489	7.420	7.560	239.230	250.000	-4.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	27.590	20.000	38.0
Tetrachloro-m-xylene	2.874	2.820	2.920	26.010	20.000	30.1
alpha-BHC	3.385	3.330	3.440	12.640	10.000	26.4
beta-BHC	4.018	3.970	4.070	12.860	10.000	28.6
gamma-BHC (Lindane)	3.721	3.670	3.770	12.690	10.000	26.9
Endrin	5.779	5.710	5.850	56.530	50.000	13.1
4,4'-DDT	6.173	6.100	6.240	114.770	100.000	14.8
Methoxychlor	6.743	6.670	6.810	237.130	250.000	-5.1

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	11/11/2025	08:59	PD091050.D	9.07	3.54
PEM	PEM	11/11/2025	09:13	PD091051.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/11/2025	09:26	PD091052.D	9.07	3.54
SED-1	Q3586-01	11/11/2025	13:41	PD091059.D	9.07	3.54
SED-2	Q3586-02	11/11/2025	13:55	PD091060.D	9.07	3.54
SED-3	Q3586-03	11/11/2025	14:09	PD091061.D	9.07	3.54
SED-3MS	Q3586-03MS	11/11/2025	14:22	PD091062.D	9.07	3.54
SED-3MSD	Q3586-03MSD	11/11/2025	14:36	PD091063.D	9.07	3.54
I.BLK	I.BLK	11/11/2025	15:31	PD091067.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/11/2025	15:58	PD091069.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	9.07	3.54
PEM	PEM	11/12/2025	09:15	PD091082.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	9.07	3.54
PB170476BL	PB170476BL	11/12/2025	09:44	PD091084.D	9.07	3.55
PB170476BS	PB170476BS	11/12/2025	09:57	PD091085.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	9.07	3.54

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	11/11/2025	08:59	PD091050.D	8.06	2.87
PEM	PEM	11/11/2025	09:13	PD091051.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/11/2025	09:26	PD091052.D	8.06	2.87
SED-1	Q3586-01	11/11/2025	13:41	PD091059.D	8.06	2.87
SED-2	Q3586-02	11/11/2025	13:55	PD091060.D	8.06	2.88
SED-3	Q3586-03	11/11/2025	14:09	PD091061.D	8.06	2.87
SED-3MS	Q3586-03MS	11/11/2025	14:22	PD091062.D	8.06	2.87
SED-3MSD	Q3586-03MSD	11/11/2025	14:36	PD091063.D	8.06	2.87
I.BLK	I.BLK	11/11/2025	15:31	PD091067.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/11/2025	15:58	PD091069.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	8.06	2.87
PEM	PEM	11/12/2025	09:15	PD091082.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	8.06	2.87
PB170476BL	PB170476BL	11/12/2025	09:44	PD091084.D	8.06	2.87
PB170476BS	PB170476BS	11/12/2025	09:57	PD091085.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	8.06	2.87

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170476BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: PB170476BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan sulfate	1	7.14	7.09	7.19	15.2	13.5
	2	6.47	6.42	6.52	17.4	
Methoxychlor	1	7.49	7.44	7.54	18.3	3.9
	2	6.74	6.69	6.79	17.6	
Endrin ketone	1	7.63	7.58	7.68	15.8	30.6
	2	6.98	6.93	7.03	21.5	
alpha-BHC	1	3.99	3.94	4.04	15.4	12.2
	2	3.39	3.34	3.44	17.4	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.2	12.3
	2	3.72	3.67	3.77	17.2	
Heptachlor	1	4.92	4.87	4.97	18.6	3.8
	2	4.07	4.02	4.12	17.9	
Aldrin	1	5.26	5.21	5.31	15.2	13.5
	2	4.36	4.31	4.41	17.4	
beta-BHC	1	4.51	4.46	4.56	14.9	10.8
	2	4.02	3.97	4.07	16.6	
delta-BHC	1	4.76	4.71	4.81	15.6	9.8
	2	4.25	4.20	4.30	17.2	
Heptachlor epoxide	1	5.68	5.63	5.73	16.6	0.6
	2	4.86	4.81	4.91	16.7	
Endosulfan I	1	6.07	6.02	6.12	15.3	12.5
	2	5.24	5.19	5.29	13.5	
gamma-Chlordane	1	5.94	5.89	5.99	15.1	13
	2	5.12	5.07	5.17	17.2	
alpha-Chlordane	1	6.02	5.97	6.07	15.1	12.4
	2	5.18	5.13	5.23	17.1	
4,4'-DDE	1	6.19	6.14	6.24	14.6	16.4
	2	5.36	5.31	5.41	17.2	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170476BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: PB170476BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.34	6.29	6.39	15.4	12.2
	2	5.50	5.45	5.55	17.4	
Endrin	1	6.57	6.52	6.62	14.8	29.4
	2	5.78	5.73	5.83	19.9	
Endosulfan II	1	6.78	6.73	6.83	17.0	2.9
	2	6.07	6.02	6.12	17.5	
4,4'-DDD	1	6.70	6.65	6.75	16.3	10.5
	2	5.92	5.87	5.97	18.1	
4,4'-DDT	1	7.02	6.97	7.07	16.2	8.3
	2	6.17	6.12	6.22	17.6	
Endrin aldehyde	1	6.91	6.86	6.96	16.4	8.2
	2	6.25	6.20	6.30	17.8	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-3MS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: Q3586-03MS **Date(s) Analyzed:** 11/11/2025 11/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	29.2	11.9
	2	6.07	6.02	6.12	32.9	
4,4'-DDD	1	6.70	6.65	6.75	31.7	0.6
	2	5.92	5.87	5.97	31.9	
4,4'-DDT	1	7.02	6.97	7.07	30.9	8.1
	2	6.17	6.12	6.22	33.5	
Endrin aldehyde	1	6.91	6.86	6.96	30.3	8.2
	2	6.25	6.20	6.30	32.9	
Endosulfan sulfate	1	7.15	7.10	7.20	29.4	10.6
	2	6.47	6.42	6.52	32.7	
Methoxychlor	1	7.49	7.44	7.54	30.7	8.4
	2	6.74	6.69	6.79	33.4	
Endrin ketone	1	7.63	7.58	7.68	30.6	8.7
	2	6.98	6.93	7.03	33.4	
alpha-BHC	1	3.99	3.94	4.04	31.0	7.5
	2	3.39	3.34	3.44	33.4	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	30.5	7.6
	2	3.72	3.67	3.77	32.9	
Heptachlor	1	4.92	4.87	4.97	37.2	7
	2	4.07	4.02	4.12	34.7	
Aldrin	1	5.26	5.21	5.31	30.6	6.9
	2	4.36	4.31	4.41	32.8	
beta-BHC	1	4.51	4.46	4.56	30.8	8.7
	2	4.02	3.97	4.07	33.6	
delta-BHC	1	4.76	4.71	4.81	31.3	4.7
	2	4.25	4.20	4.30	32.8	
Heptachlor epoxide	1	5.68	5.63	5.73	30.5	7.3
	2	4.86	4.81	4.91	32.8	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-3MS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: Q3586-03MS **Date(s) Analyzed:** 11/11/2025 11/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	30.2	7.3
	2	5.24	5.19	5.29	32.5	
gamma-Chlordane	1	5.94	5.89	5.99	29.4	10
	2	5.12	5.07	5.17	32.5	
alpha-Chlordane	1	6.02	5.97	6.07	29.7	9
	2	5.18	5.13	5.23	32.5	
4,4'-DDE	1	6.19	6.14	6.24	29.8	8.7
	2	5.36	5.31	5.41	32.5	
Dieldrin	1	6.34	6.29	6.39	30.4	7
	2	5.50	5.45	5.55	32.6	
Endrin	1	6.57	6.52	6.62	29.9	7.7
	2	5.78	5.73	5.83	32.3	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-3MSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: Q3586-03MSD **Date(s) Analyzed:** 11/11/2025 11/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	32.3	0
	2	5.92	5.87	5.97	32.3	
4,4'-DDT	1	7.02	6.97	7.07	31.5	7
	2	6.17	6.12	6.22	33.8	
alpha-BHC	1	3.99	3.94	4.04	31.7	6.4
	2	3.39	3.34	3.44	33.8	
Aldrin	1	5.26	5.21	5.31	31.0	6.9
	2	4.36	4.31	4.41	33.2	
beta-BHC	1	4.51	4.46	4.56	31.3	8.9
	2	4.02	3.97	4.07	34.2	
delta-BHC	1	4.76	4.71	4.81	31.5	5.6
	2	4.25	4.20	4.30	33.3	
Endosulfan I	1	6.07	6.02	6.12	30.7	6.9
	2	5.24	5.19	5.29	32.9	
alpha-Chlordane	1	6.02	5.97	6.07	30.4	8.2
	2	5.18	5.13	5.23	33.0	
4,4'-DDE	1	6.19	6.14	6.24	30.3	7.9
	2	5.36	5.31	5.41	32.8	
Dieldrin	1	6.34	6.29	6.39	31.0	6.3
	2	5.50	5.45	5.55	33.0	
Endosulfan II	1	6.78	6.73	6.83	29.6	11.8
	2	6.07	6.02	6.12	33.3	
Endrin aldehyde	1	6.91	6.86	6.96	30.7	8.1
	2	6.25	6.20	6.30	33.3	
Endosulfan sulfate	1	7.15	7.10	7.20	29.9	10.5
	2	6.47	6.42	6.52	33.2	
Methoxychlor	1	7.49	7.44	7.54	31.1	8.3
	2	6.74	6.69	6.79	33.8	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-3MSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Lab Sample ID: Q3586-03MSD **Date(s) Analyzed:** 11/11/2025 11/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	31.1	9.5
	2	6.98	6.93	7.03	34.2	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	31.1	7.1
	2	3.72	3.67	3.77	33.4	
Heptachlor	1	4.92	4.87	4.97	37.7	7.4
	2	4.07	4.02	4.12	35.0	
Heptachlor epoxide	1	5.68	5.63	5.73	31.1	5.3
	2	4.86	4.81	4.91	32.8	
gamma-Chlordane	1	5.94	5.89	5.99	30.1	8.6
	2	5.12	5.07	5.17	32.8	
Endrin	1	6.57	6.52	6.62	30.3	7
	2	5.78	5.73	5.83	32.5	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:41
Operator : AR\AJ
Sample : Q3586-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:19:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.543	2.874	46320268	512.2E6	14.874m	17.202
28)	SA Decachlor...	9.066	8.061	64853480	470.3E6	13.864m	15.527
	Target Compounds						

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

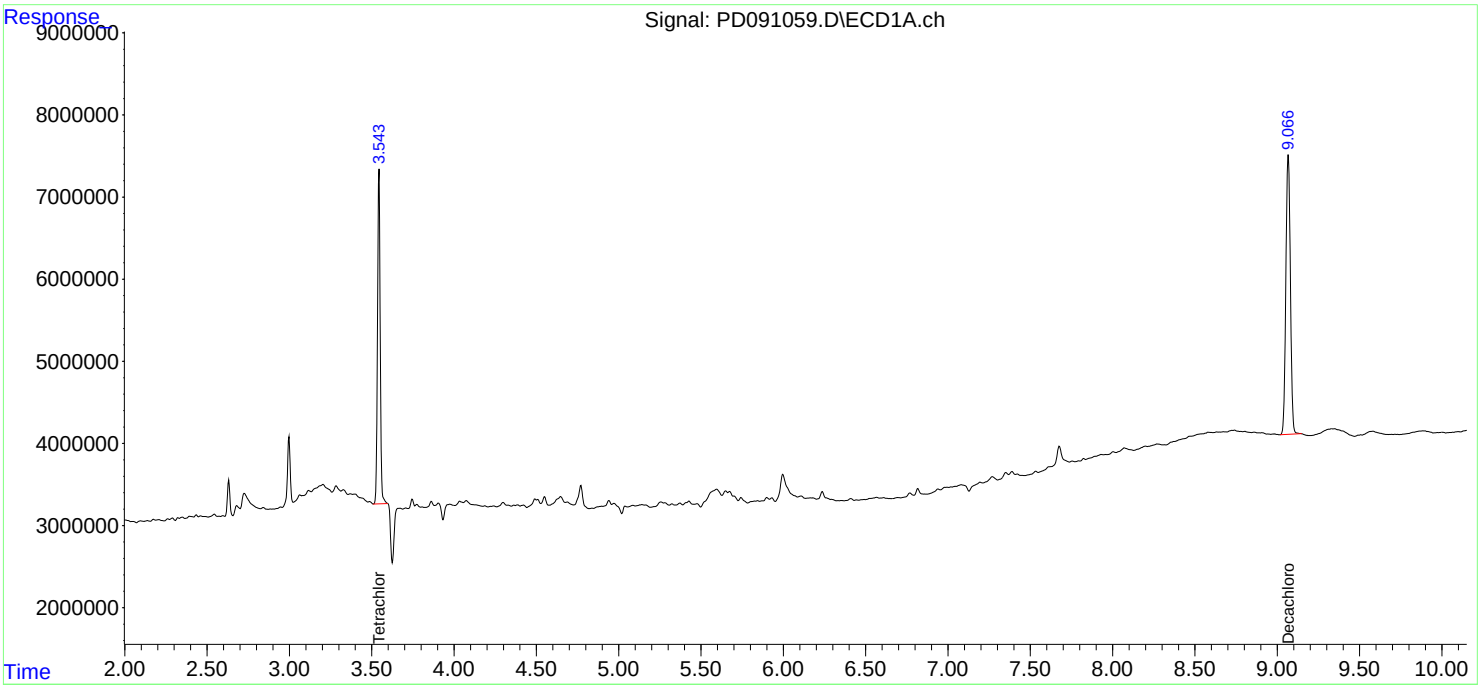
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:41
Operator : AR\AJ
Sample : Q3586-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

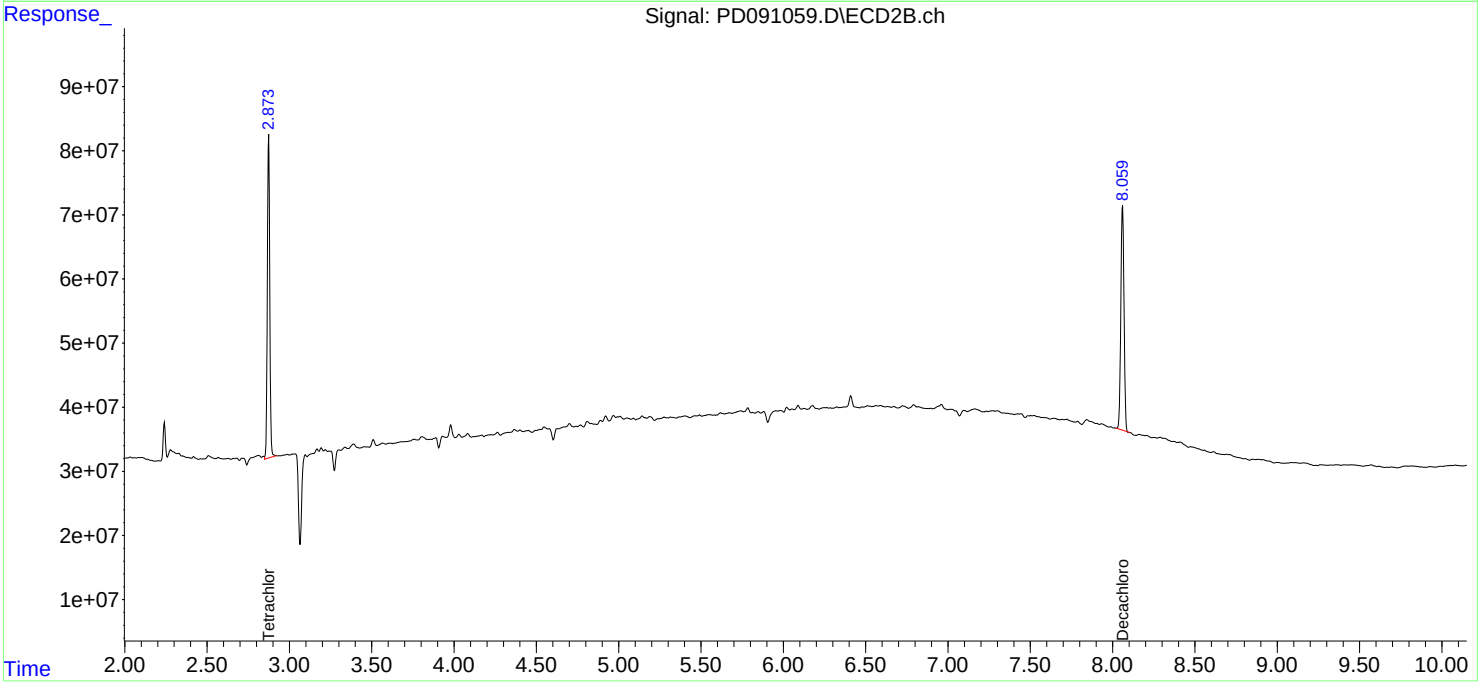
Instrument :
ECD_D
ClientSampleId :
SED-1

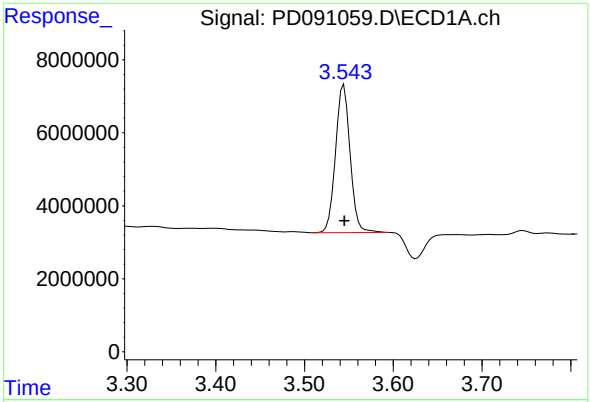
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:19:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







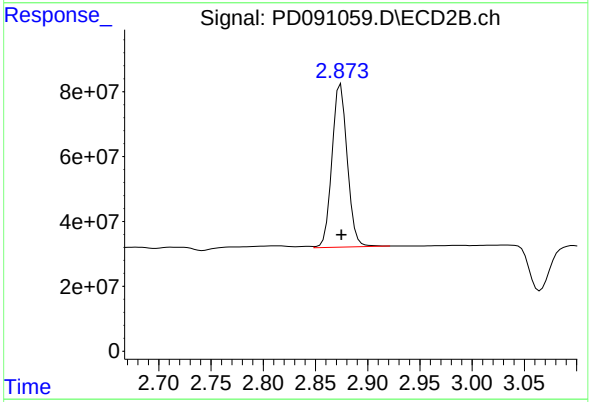
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 46320268
Conc: 14.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-1

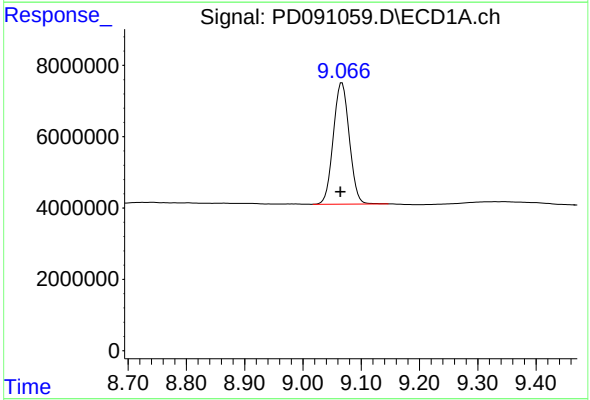
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



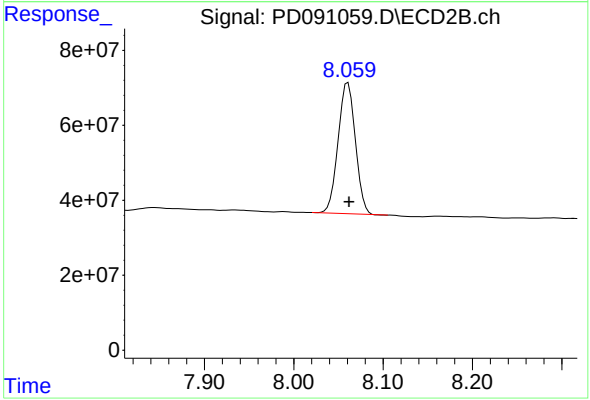
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 512218151
Conc: 17.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 64853480
Conc: 13.86 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 470335287
Conc: 15.53 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:55
Operator : AR\AJ
Sample : Q3586-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.543	2.875	32142850	354.5E6	10.321m	11.906
28)	SA Decachlor...	9.067	8.061	23256394	164.5E6	4.971	5.429
	Target Compounds						

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

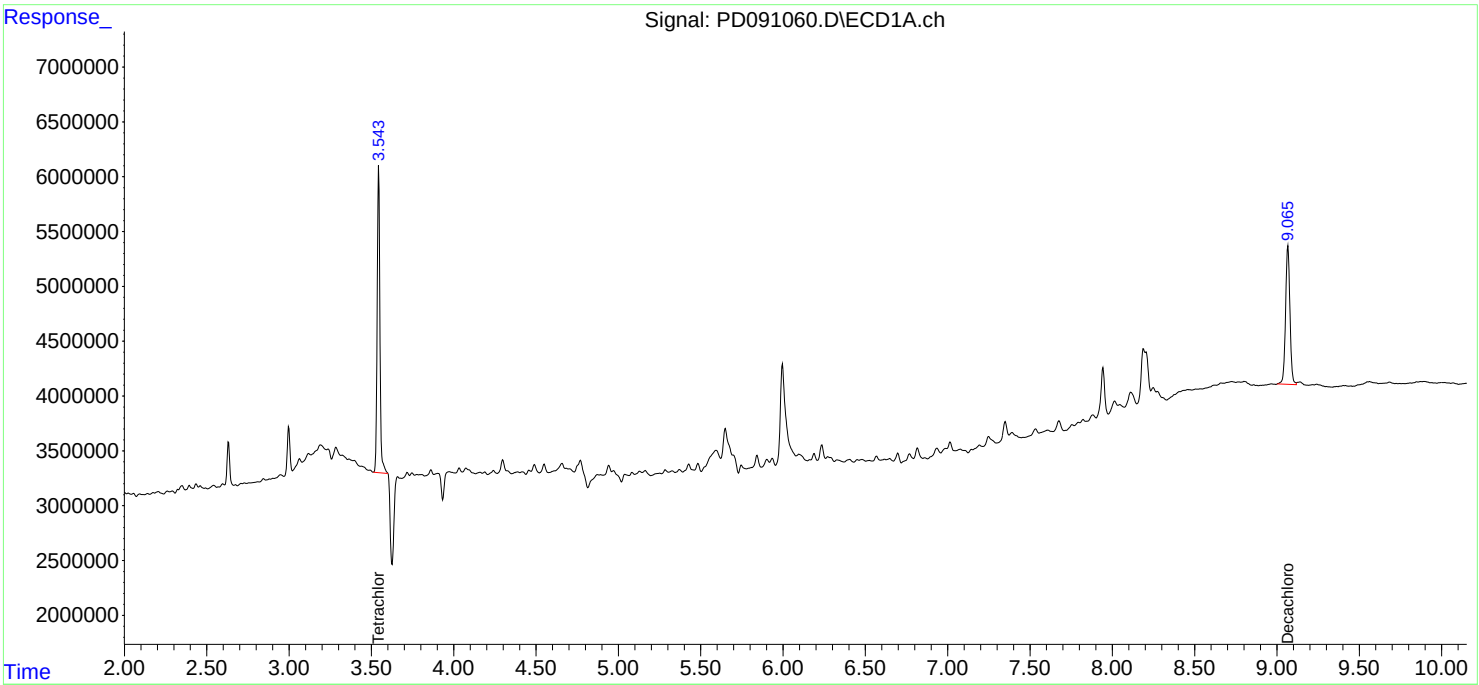
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:55
Operator : AR\AJ
Sample : Q3586-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

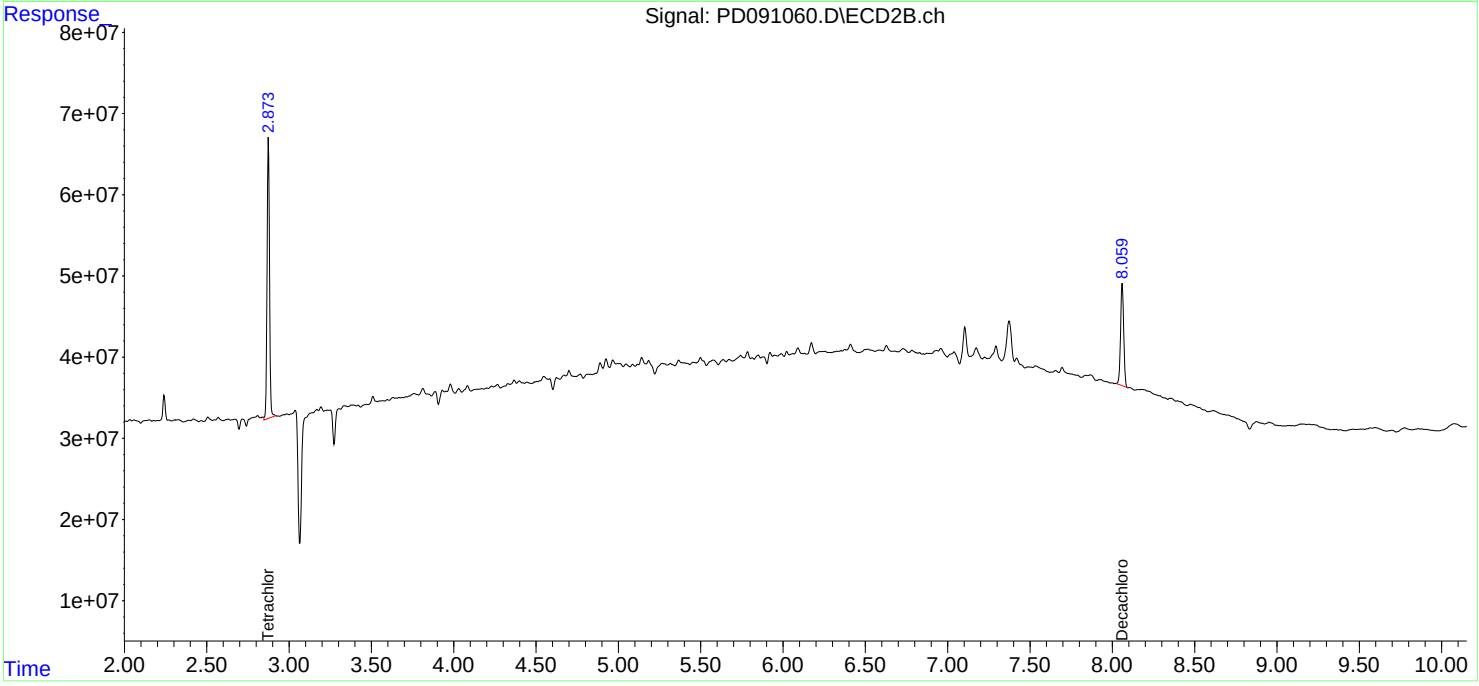
Instrument :
ECD_D
ClientSampleId :
SED-2

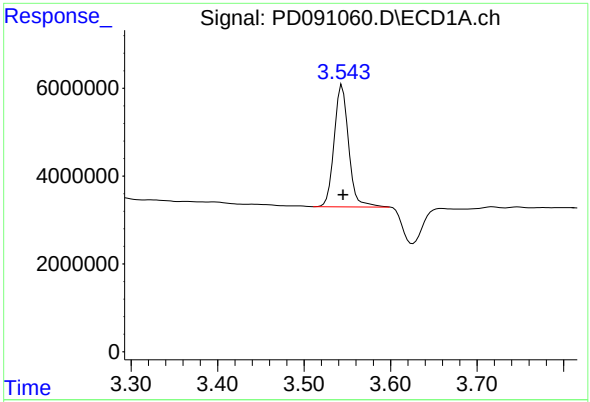
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm







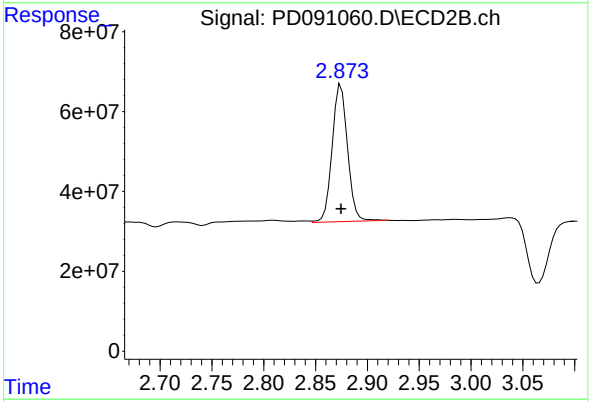
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 32142850
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-2

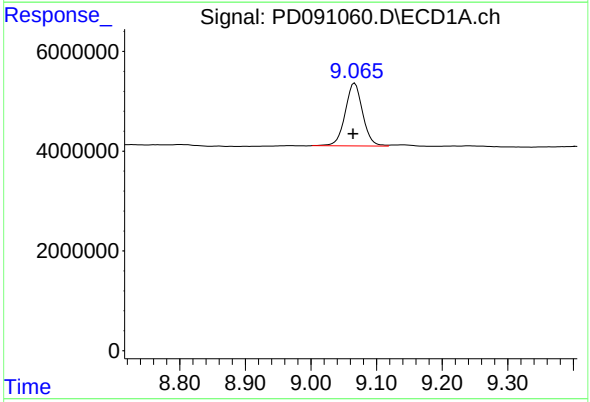
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



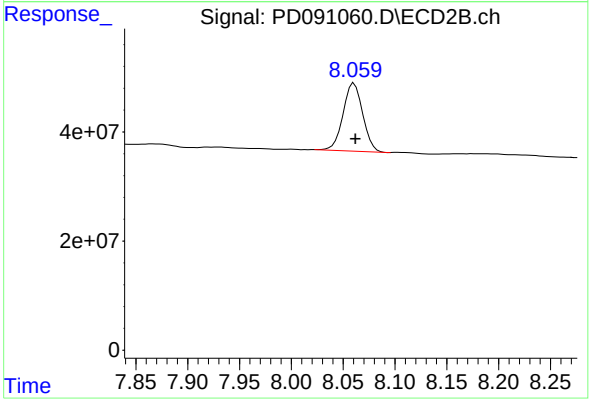
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 354524929
Conc: 11.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 23256394
Conc: 4.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 164454662
Conc: 5.43 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:09
Operator : AR\AJ
Sample : Q3586-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.542	2.872	44045282	477.9E6	14.144m	16.048m
28)	SA Decachlor...	9.067	8.060	59234901	421.7E6	12.663	13.921
	Target Compounds						

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

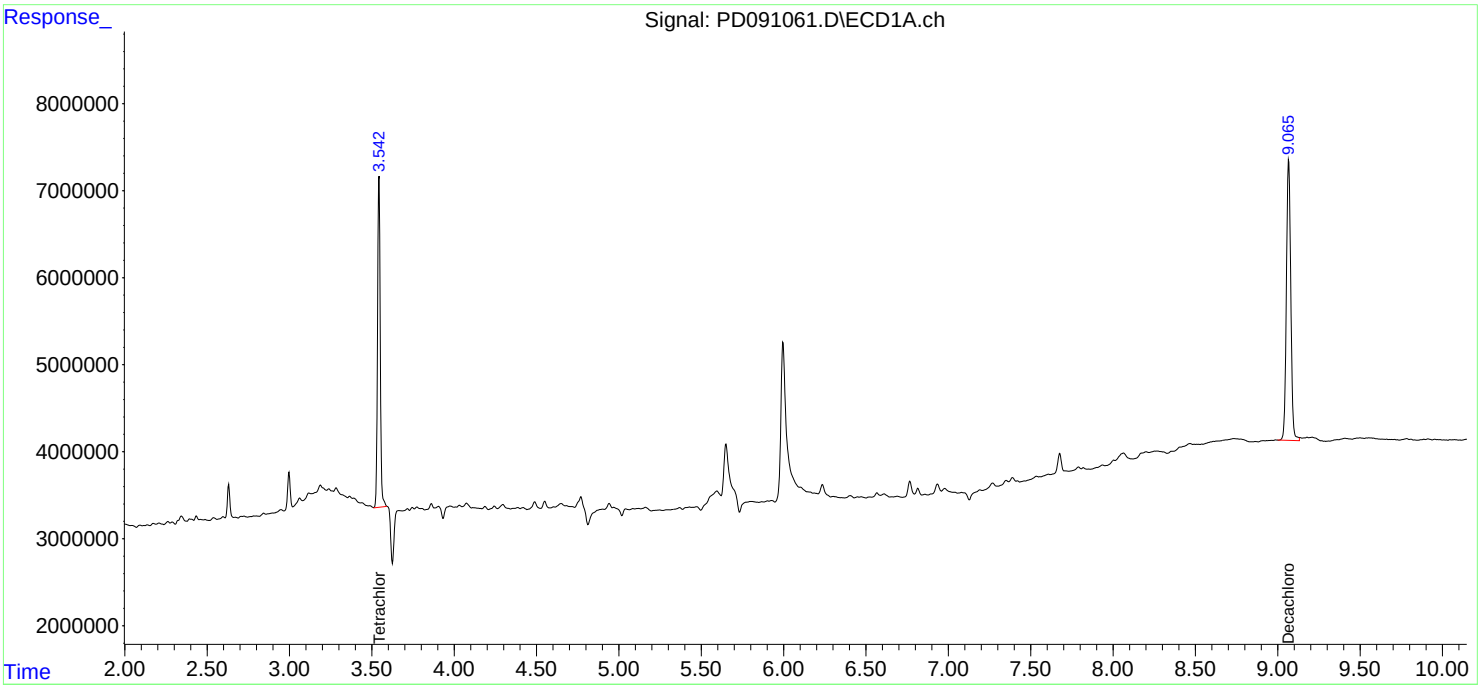
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:09
Operator : AR\AJ
Sample : Q3586-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

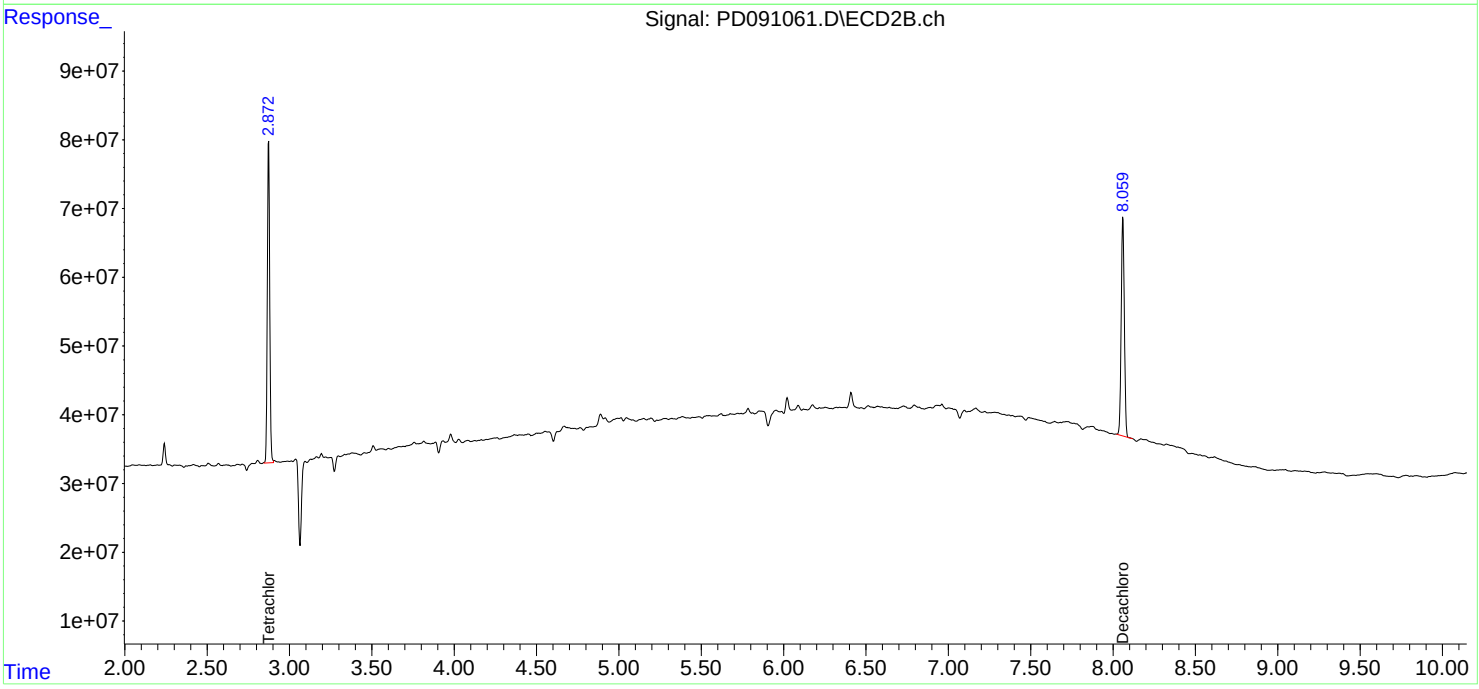
Instrument :
ECD_D
ClientSampleId :
SED-3

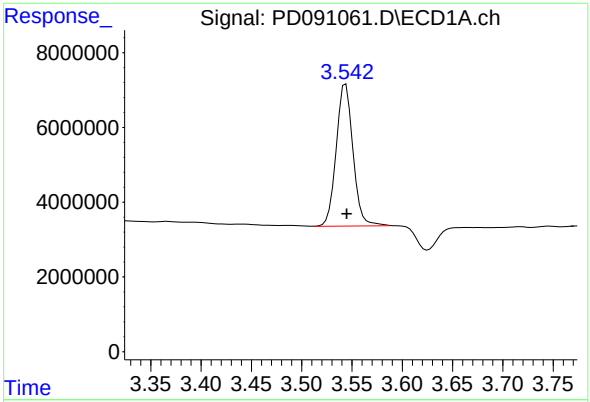
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







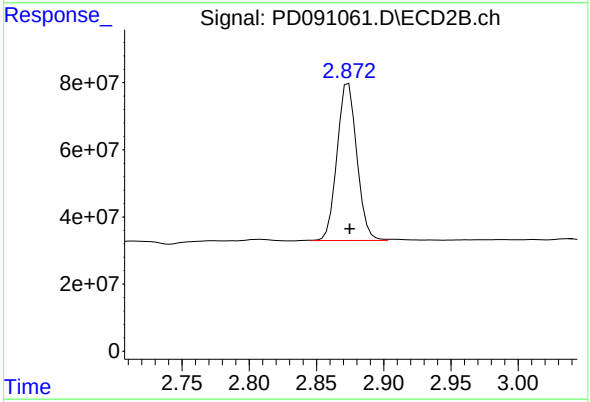
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 44045282
Conc: 14.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3

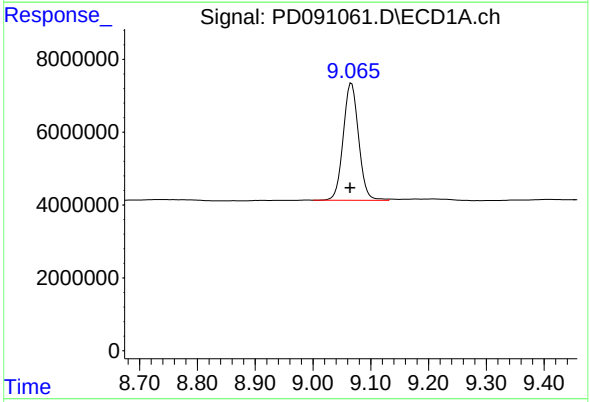
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



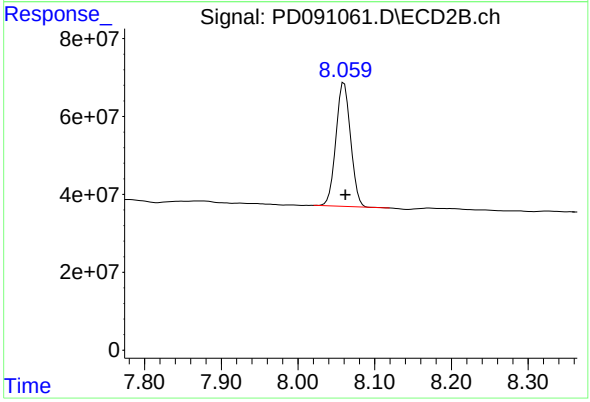
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 477858097
Conc: 16.05 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 59234901
Conc: 12.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 421681829
Conc: 13.92 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:44
Operator : AR\AJ
Sample : PB170476BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170476BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 09:57:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.547	2.874	57805156	641.7E6	18.562	21.549
28)	SA Decachlor...	9.069	8.061	88292714	708.1E6	18.874	23.375
	Target Compounds						

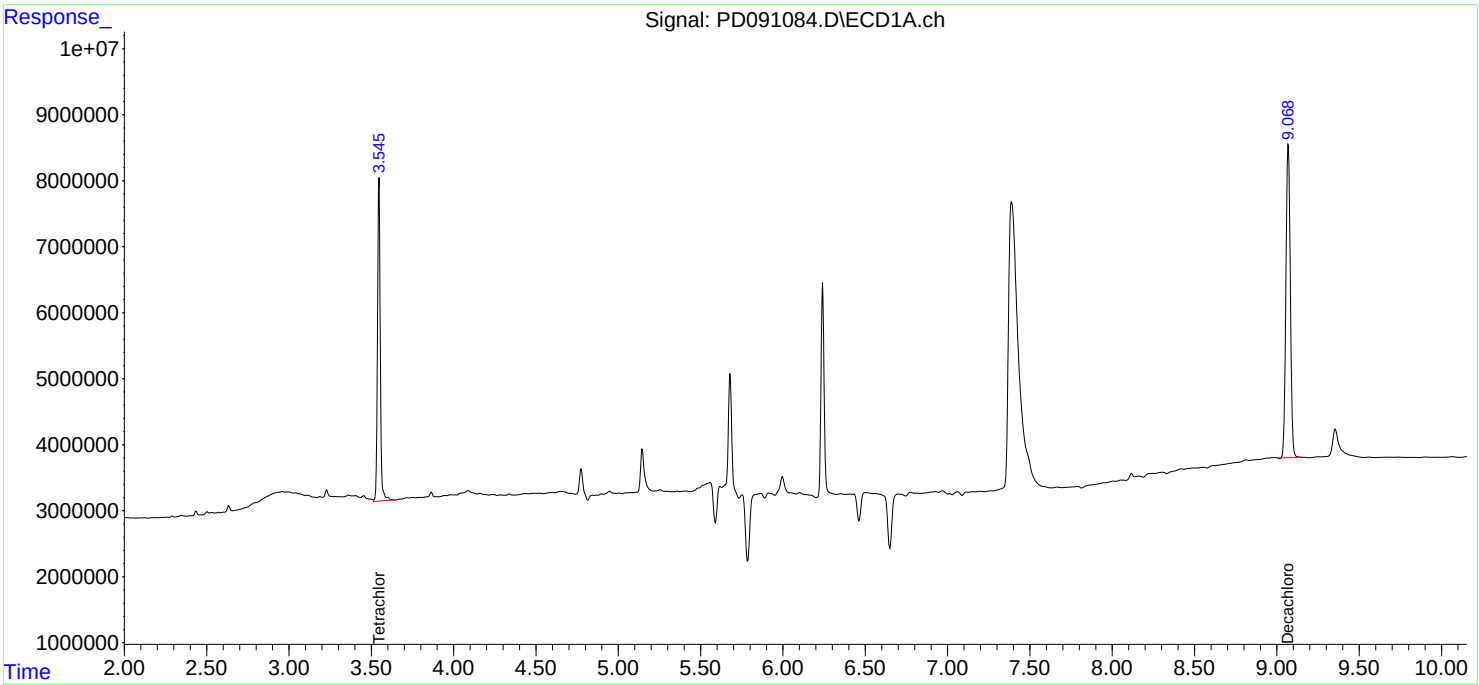
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

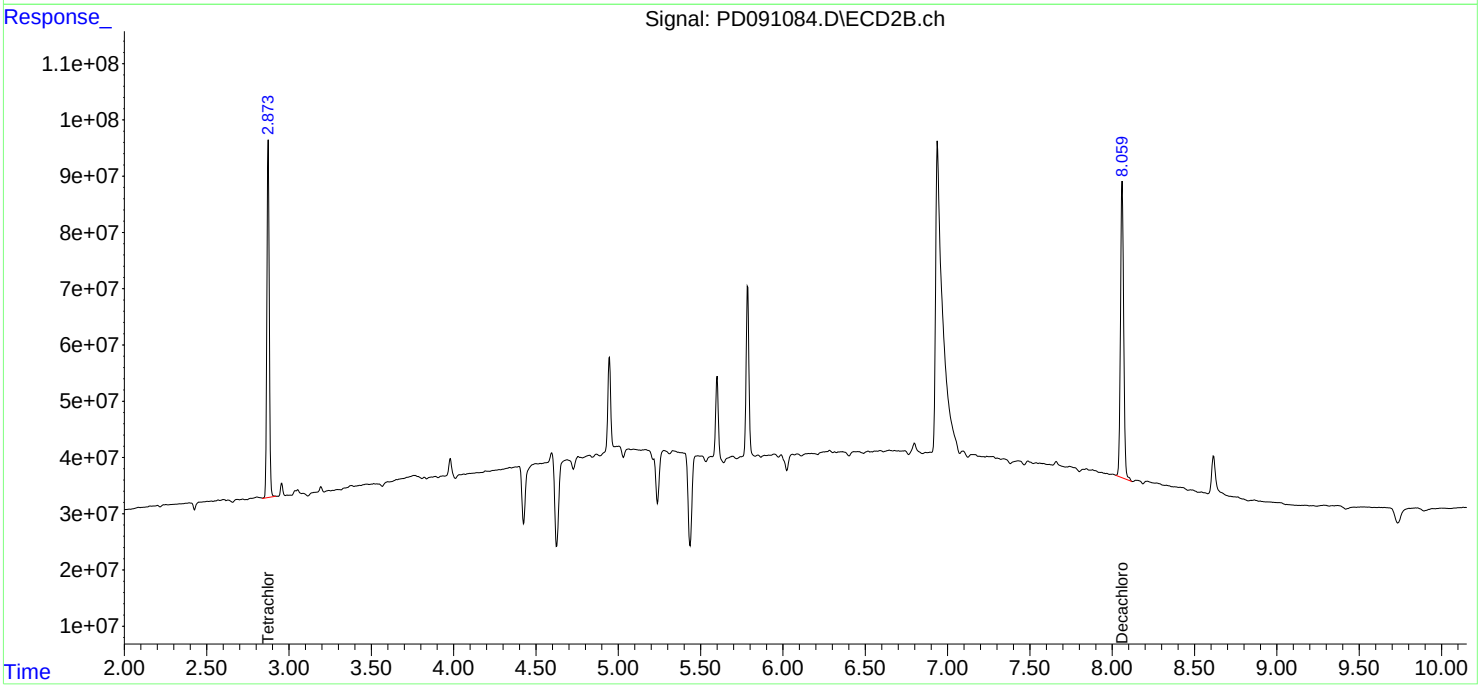
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:44
Operator : AR\AJ
Sample : PB170476BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

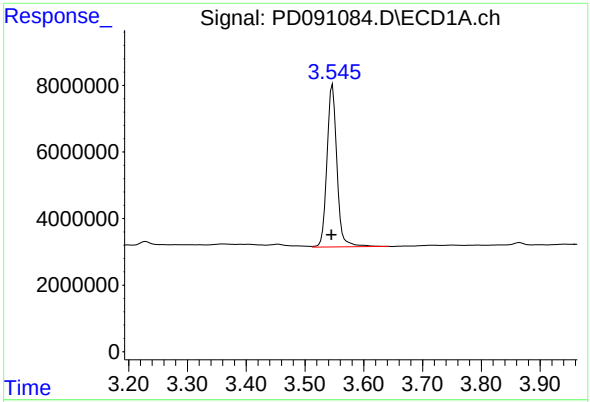
Instrument :
ECD_D
ClientSampleId :
PB170476BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 09:57:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm



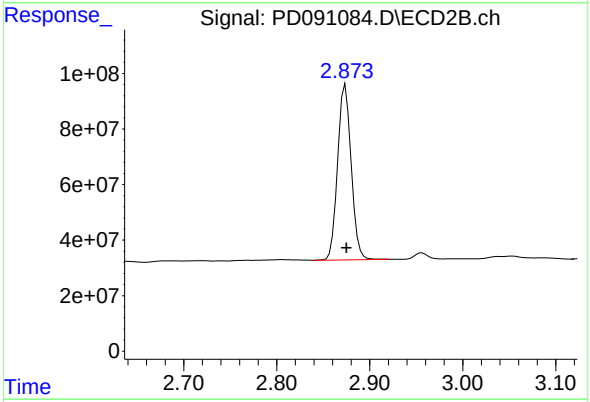




#1 Tetrachloro-m-xylene

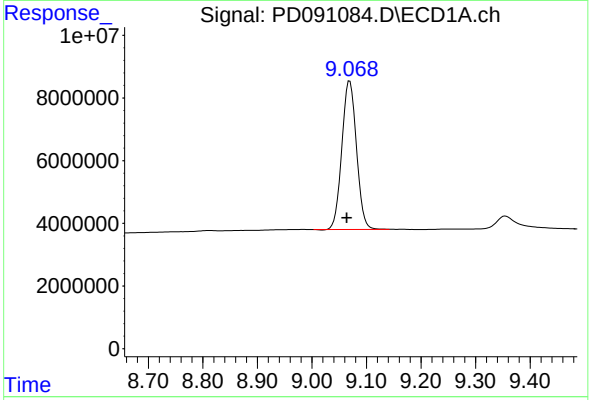
R.T.: 3.547 min
Delta R.T.: 0.002 min
Response: 57805156
Conc: 18.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BL



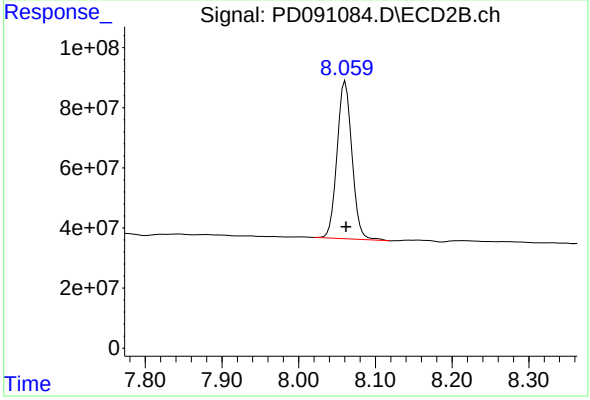
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 641676031
Conc: 21.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 88292714
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 708057488
Conc: 23.37 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:57
Operator : AR\AJ
Sample : PB170476BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170476BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.544	2.873	71333877	773.7E6	22.906	25.983m
28)	SA Decachlor...	9.066	8.060	106.1E6	859.3E6	22.682	28.369 #
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	331.0E6	2661.5E6	46.113	52.089
3)	MA gamma-BHC...	4.324	3.721	310.3E6	2437.0E6	45.641	51.577
4)	MA Heptachlor	4.922	4.074	311.5E6	2390.1E6	55.725	53.587
5)	MB Aldrin	5.263	4.359	299.5E6	2426.2E6	45.738	52.381
6)	B beta-BHC	4.512	4.018	117.4E6	991.1E6	44.804	49.979
7)	B delta-BHC	4.760	4.254	317.6E6	2463.7E6	46.969	51.631
8)	B Heptachlo...	5.683	4.863	287.6E6	2141.7E6	49.688	50.230
9)	A Endosulfan I	6.068	5.237	254.2E6	1599.3E6	45.912	40.602
10)	B gamma-Chl...	5.940	5.115	268.1E6	2316.6E6	45.195	51.540
11)	B alpha-Chl...	6.020	5.180	281.1E6	2211.6E6	45.484	51.269
12)	B 4,4'-DDE	6.189	5.363	233.4E6	2266.8E6	43.819	51.708m
13)	MA Dieldrin	6.340	5.502	269.1E6	2311.9E6	46.143	52.325
14)	MA Endrin	6.566	5.779	219.9E6	2416.5E6	44.398m	59.677 #
15)	B Endosulfa...	6.781	6.071	255.0E6	1969.7E6	50.990	52.448
16)	A 4,4'-DDD	6.699	5.919	198.6E6	1984.6E6	48.980m	54.464
17)	MA 4,4'-DDT	7.016	6.173	199.6E6	1857.9E6	48.570	52.974
18)	B Endrin al...	6.910	6.249	180.8E6	1477.2E6	49.369	53.341
19)	B Endosulfa...	7.144	6.472	211.3E6	1870.9E6	45.562	52.195
20)	A Methoxychlor	7.487	6.743	116.9E6	920.9E6	55.012m	52.840
21)	B Endrin ke...	7.625	6.979	230.5E6	2432.2E6	47.435	64.484m#
22)	Mirex	8.108	7.174	145.0E6	1356.9E6	45.311	52.817

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

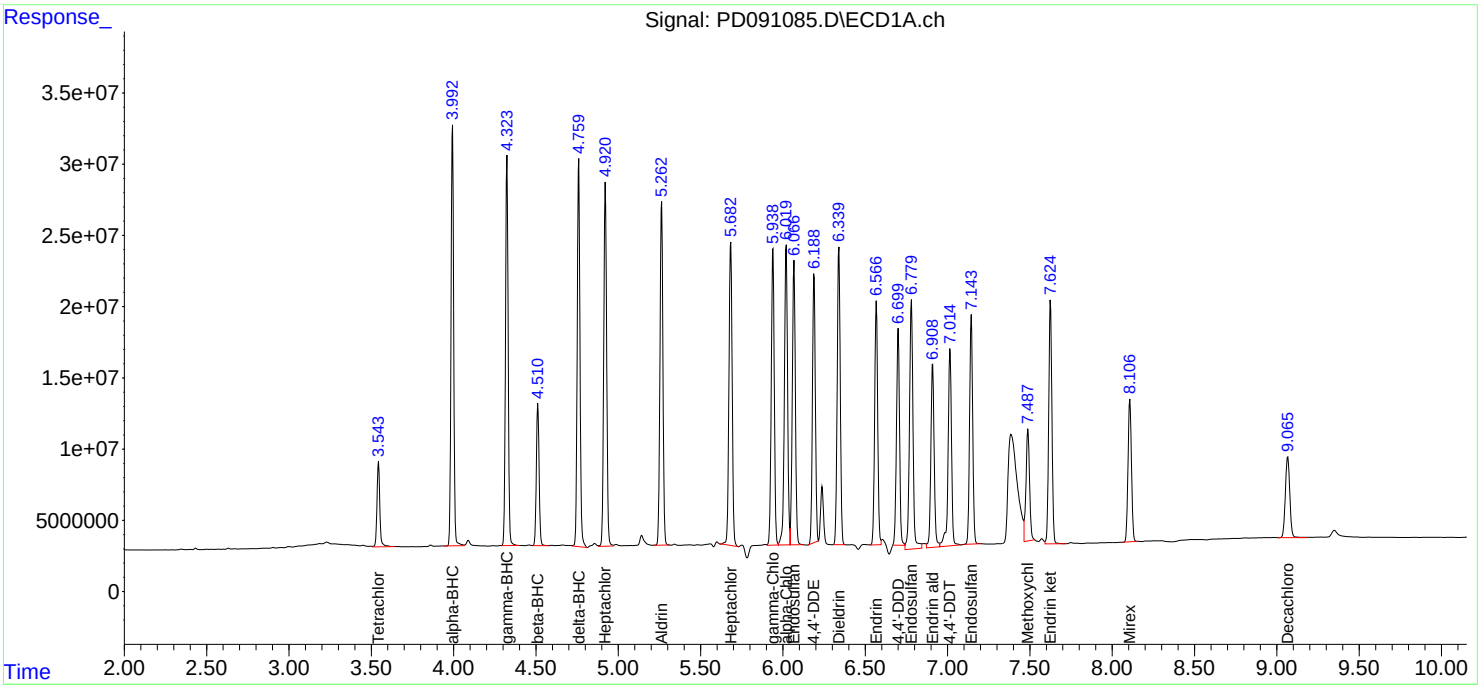
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:57
Operator : AR\AJ
Sample : PB170476BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

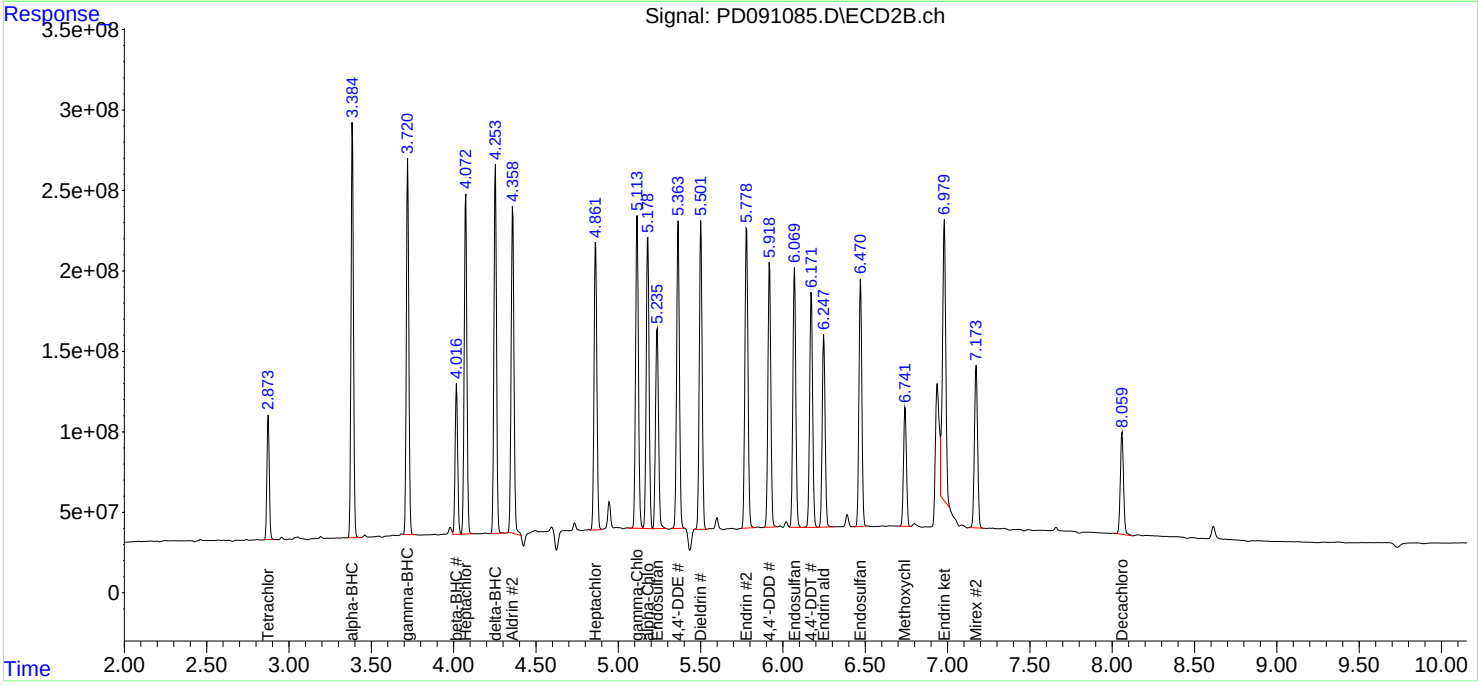
Instrument :
ECD_D
ClientSampleId :
PB170476BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:22
Operator : AR\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.543	2.874	44637773	506.6E6	14.334m	17.013
28)	SA Decachlor...	9.065	8.060	67920105	498.0E6	14.519	16.441
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	340.8E6	2611.5E6	47.486	51.110
3)	MA gamma-BHC...	4.324	3.722	317.9E6	2380.3E6	46.753	50.378
4)	MA Heptachlor	4.922	4.073	318.4E6	2365.8E6	56.972	53.041
5)	MB Aldrin	5.263	4.359	306.5E6	2321.9E6	46.819	50.128
6)	B beta-BHC	4.512	4.018	123.5E6	1019.7E6	47.146	51.424
7)	B delta-BHC	4.760	4.254	323.9E6	2395.2E6	47.899	50.196
8)	B Heptachlo...	5.684	4.862	270.1E6	2141.2E6	46.654	50.216
9)	A Endosulfan I	6.068	5.237	255.5E6	1956.5E6	46.154	49.670
10)	B gamma-Chl...	5.940	5.115	266.6E6	2234.0E6	44.948	49.700
11)	B alpha-Chl...	6.020	5.180	281.2E6	2148.3E6	45.494	49.801
12)	B 4,4'-DDE	6.190	5.364	242.9E6	2177.8E6	45.605	49.678
13)	MA Dieldrin	6.340	5.503	271.8E6	2203.3E6	46.604	49.868
14)	MA Endrin	6.566	5.779	226.5E6	2001.9E6	45.726m	49.436
15)	B Endosulfa...	6.781	6.071	223.1E6	1889.8E6	44.618	50.321
16)	A 4,4'-DDD	6.700	5.919	196.7E6	1780.5E6	48.524	48.865
17)	MA 4,4'-DDT	7.016	6.173	194.6E6	1799.6E6	47.343	51.310
18)	B Endrin al...	6.910	6.249	169.8E6	1395.4E6	46.354	50.389
19)	B Endosulfa...	7.145	6.472	208.7E6	1794.2E6	44.987	50.056
20)	A Methoxychlor	7.488	6.744	99869222	891.4E6	46.984	51.150
21)	B Endrin ke...	7.626	6.982	227.4E6	1930.7E6	46.797	51.188
22)	Mirex	8.108	7.175	138.6E6	1249.1E6	43.289	48.622

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

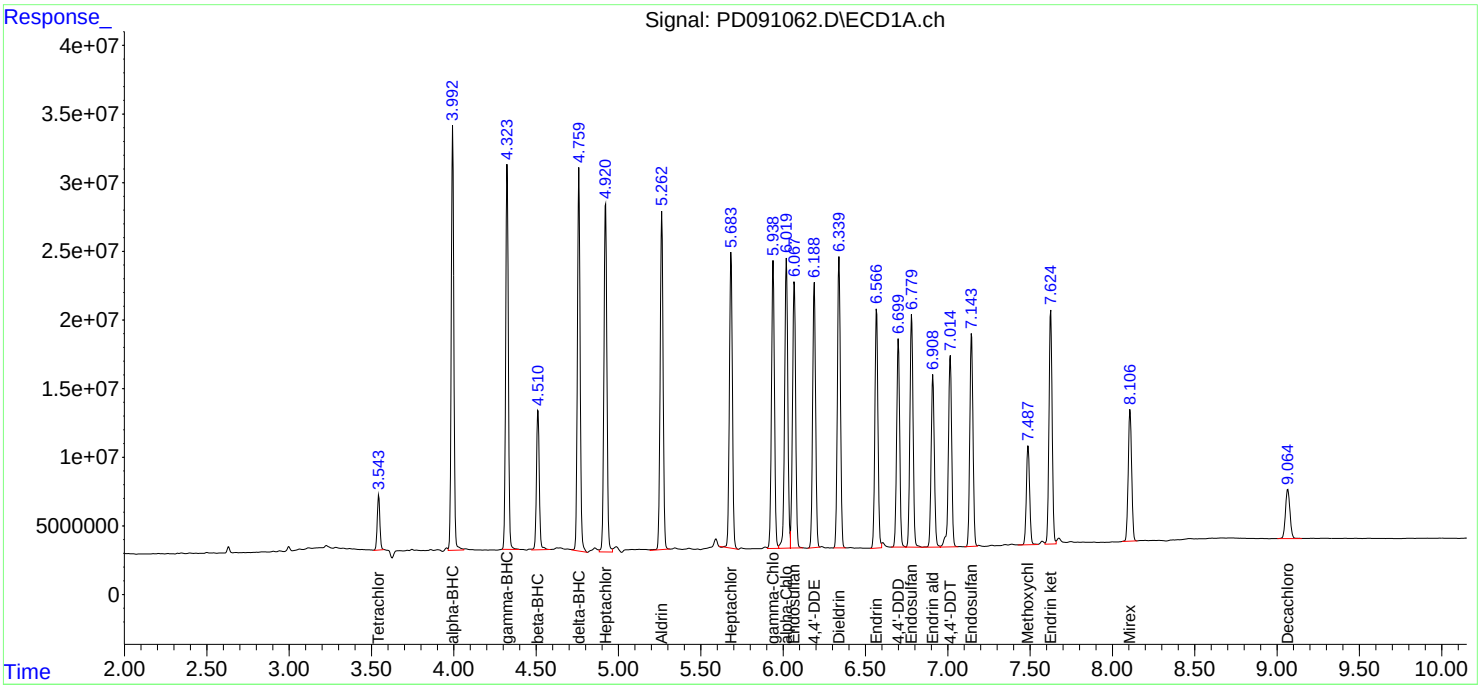
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:22
Operator : AR\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

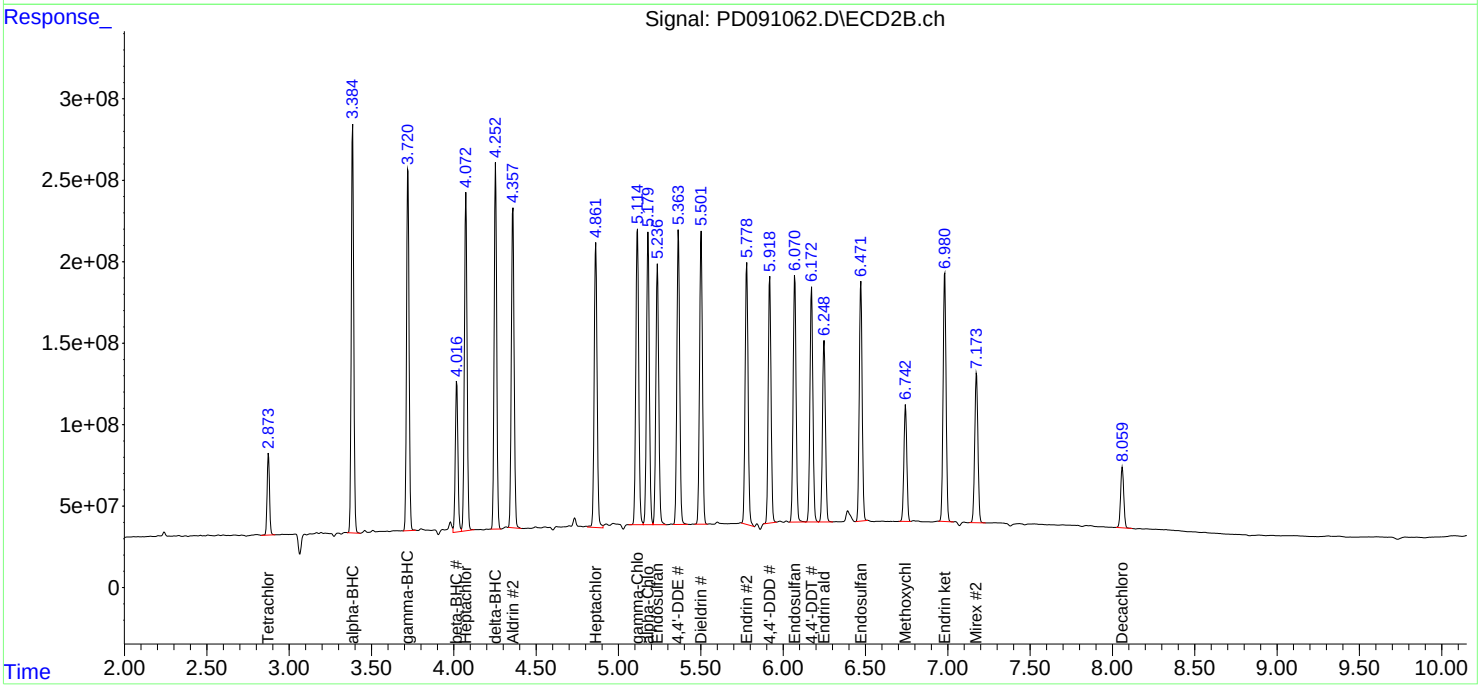
Instrument :
ECD_D
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:36
Operator : AR\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.543	2.874	46321195	514.1E6	14.874m	17.264
28)	SA Decachlor...	9.067	8.061	68584554	502.9E6	14.661	16.604
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	348.1E6	2641.6E6	48.499	51.699
3)	MA gamma-BHC...	4.324	3.722	323.1E6	2414.0E6	47.525	51.092
4)	MA Heptachlor	4.922	4.074	322.6E6	2389.8E6	57.717	53.580
5)	MB Aldrin	5.263	4.359	310.4E6	2349.8E6	47.416	50.730
6)	B beta-BHC	4.511	4.018	125.3E6	1037.9E6	47.823	52.342
7)	B delta-BHC	4.759	4.254	325.8E6	2428.0E6	48.177	50.883
8)	B Heptachlo...	5.684	4.863	275.6E6	2138.6E6	47.601	50.156
9)	A Endosulfan I	6.067	5.236	260.0E6	1980.0E6	46.952	50.267
10)	B gamma-Chl...	5.939	5.115	272.9E6	2258.1E6	46.018	50.237
11)	B alpha-Chl...	6.020	5.180	287.6E6	2176.3E6	46.537	50.451
12)	B 4,4'-DDE	6.189	5.364	247.2E6	2203.2E6	46.401	50.257
13)	MA Dieldrin	6.340	5.502	276.4E6	2227.9E6	47.406	50.423
14)	MA Endrin	6.568	5.779	229.8E6	2014.5E6	46.384	49.748
15)	B Endosulfa...	6.781	6.071	226.7E6	1912.0E6	45.341	50.912
16)	A 4,4'-DDD	6.700	5.919	200.6E6	1802.4E6	49.486	49.464
17)	MA 4,4'-DDT	7.015	6.173	197.9E6	1813.1E6	48.150	51.695
18)	B Endrin al...	6.910	6.249	172.1E6	1411.7E6	46.985	50.978
19)	B Endosulfa...	7.145	6.472	211.9E6	1821.8E6	45.696	50.825
20)	A Methoxychlor	7.488	6.743	101.2E6	902.1E6	47.632	51.761
21)	B Endrin ke...	7.626	6.981	231.2E6	1972.7E6	47.576	52.303
22)	Mirex	8.108	7.174	140.6E6	1269.1E6	43.932	49.397

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

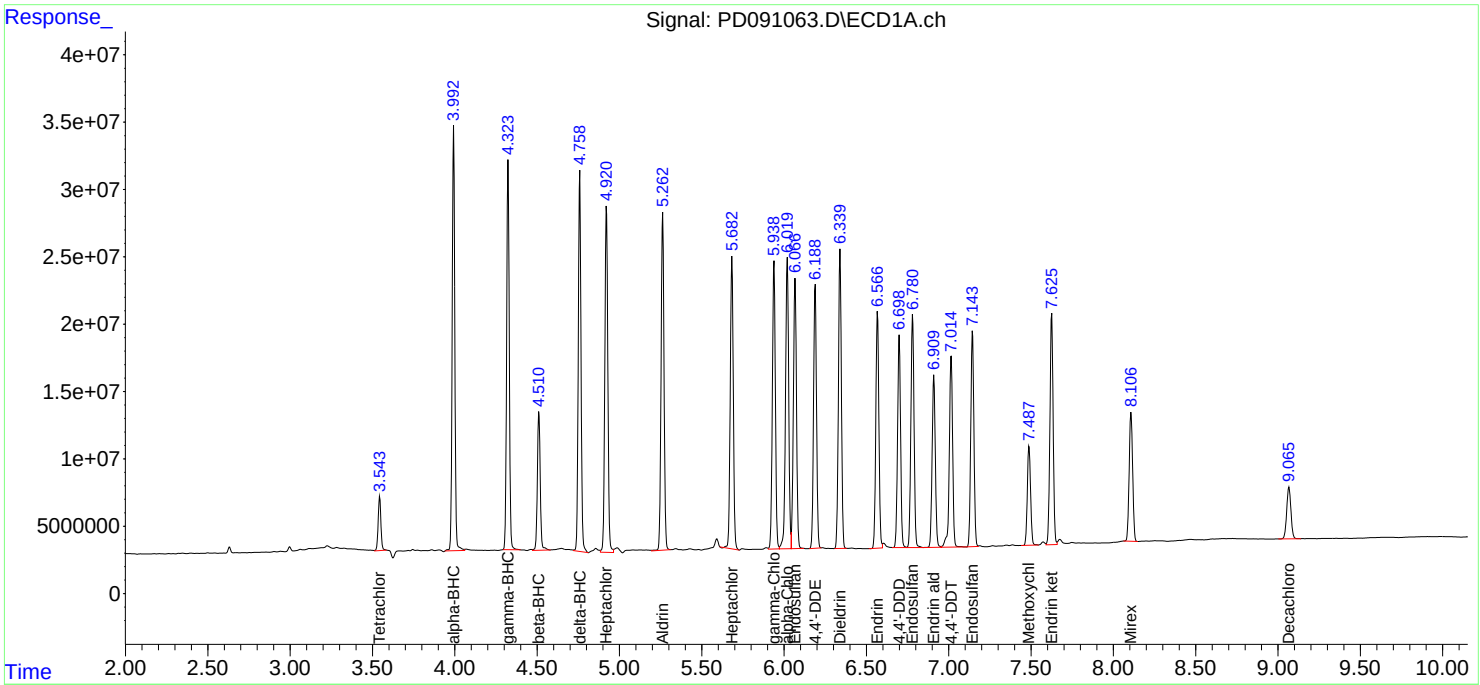
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:36
Operator : AR\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

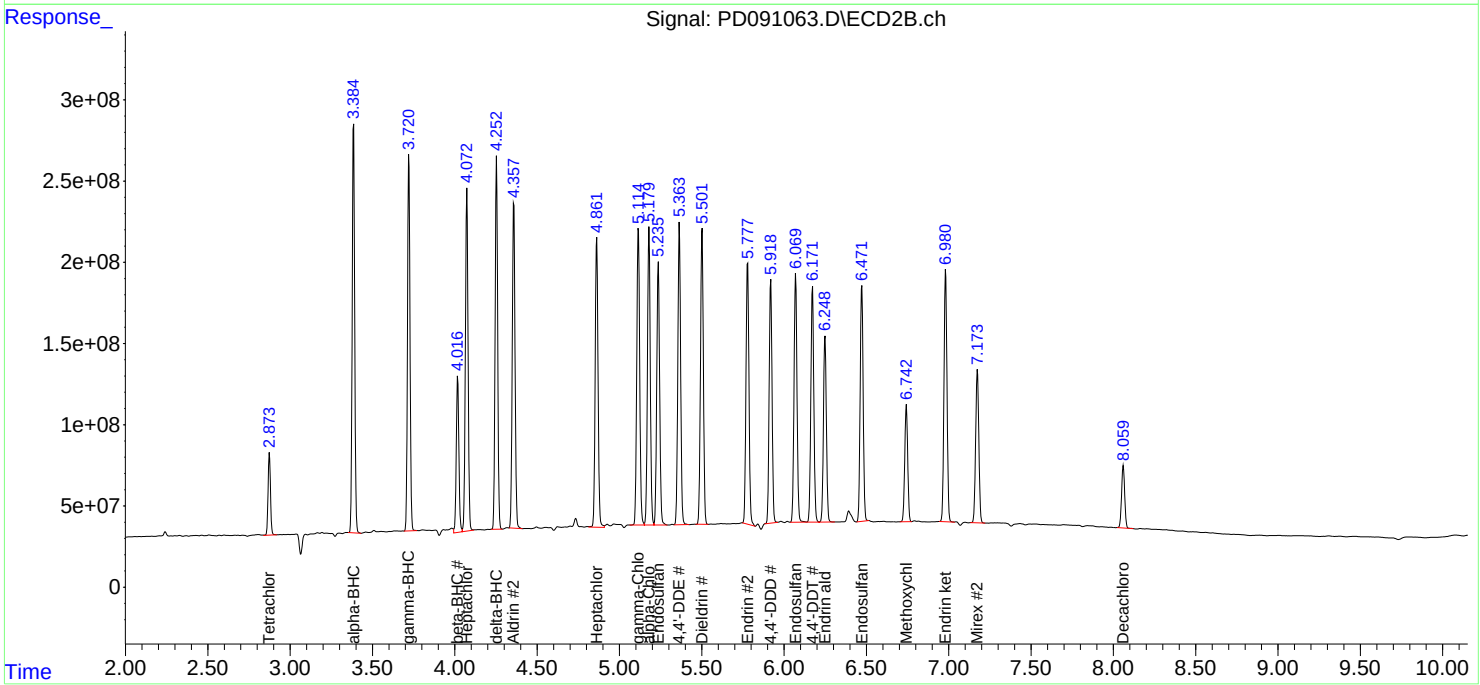
Instrument :
ECD_D
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





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

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD111125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091051.D	Endrin aldehyde	rahul	11/12/2025 8:58:57 AM	yogesh	11/12/2025 9:48:04	Peak Integrated by Software
Q3586-01	PD091059.D	Decachlorobiphenyl	rahul	11/12/2025 8:59:17 AM	yogesh	11/12/2025 9:48:28	Peak Integrated by Software
Q3586-01	PD091059.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:59:17 AM	yogesh	11/12/2025 9:48:28	Peak Integrated by Software
Q3586-02	PD091060.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:59:20 AM	yogesh	11/12/2025 9:48:30	Peak Integrated by Software
Q3586-03	PD091061.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:59:23 AM	yogesh	11/12/2025 9:48:35	Peak Integrated by Software
Q3586-03	PD091061.D	Tetrachloro-m-xylene #2	rahul	11/12/2025 8:59:23 AM	yogesh	11/12/2025 9:48:35	Peak Integrated by Software
Q3586-03MS	PD091062.D	Endrin	rahul	11/12/2025 8:59:25 AM	yogesh	11/12/2025 9:48:38	Peak Integrated by Software
Q3586-03MS	PD091062.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:59:25 AM	yogesh	11/12/2025 9:48:38	Peak Integrated by Software
Q3586-03MSD	PD091063.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:59:28 AM	yogesh	11/12/2025 9:48:41	Peak Integrated by Software
PEM	PD091068.D	4,4"-DDE	rahul	11/12/2025 8:59:40 AM	yogesh	11/12/2025 9:48:53	Peak Integrated by Software
PSTDCCC050	PD091069.D	Heptachlor epoxide	rahul	11/12/2025 8:59:43 AM	yogesh	11/12/2025 9:48:55	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170476BS	PD091085.D	4,4"-DDD	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PB170476BS	PD091085.D	4,4"-DDE #2	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PB170476BS	PD091085.D	Endrin	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PB170476BS	PD091085.D	Endrin ketone #2	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PB170476BS	PD091085.D	Methoxychlor	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PB170476BS	PD091085.D	Tetrachloro-m-xylene #2	rahul	11/13/2025 11:01:29 AM	yogesh	11/13/2025 1:17:38	Peak Integrated by Software
PEM	PD091105.D	4,4"-DDE	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software
PEM	PD091105.D	Endrin aldehyde #2	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111125

Review By	rahul	Review On	11/11/2025 1:40:14 PM		
Supervise By	yogesh	Supervise On	11/12/2025 9:49:28 AM		
SubDirectory	PD111125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091049.D	11 Nov 2025 08:45	AR\AJ	Ok
2	I.BLK	PD091050.D	11 Nov 2025 08:59	AR\AJ	Ok
3	PEM	PD091051.D	11 Nov 2025 09:13	AR\AJ	Ok,M
4	PSTDCCC050	PD091052.D	11 Nov 2025 09:26	AR\AJ	Ok
5	Q3581-01	PD091053.D	11 Nov 2025 12:19	AR\AJ	Ok,M
6	Q3581-03	PD091054.D	11 Nov 2025 12:33	AR\AJ	Ok,M
7	Q3581-05	PD091055.D	11 Nov 2025 12:47	AR\AJ	Ok,M
8	Q3581-07	PD091056.D	11 Nov 2025 13:00	AR\AJ	Ok,M
9	Q3582-04	PD091057.D	11 Nov 2025 13:14	AR\AJ	Ok,M
10	Q3583-04	PD091058.D	11 Nov 2025 13:28	AR\AJ	Ok,M
11	Q3586-01	PD091059.D	11 Nov 2025 13:41	AR\AJ	Ok,M
12	Q3586-02	PD091060.D	11 Nov 2025 13:55	AR\AJ	Ok,M
13	Q3586-03	PD091061.D	11 Nov 2025 14:09	AR\AJ	Ok,M
14	Q3586-03MS	PD091062.D	11 Nov 2025 14:22	AR\AJ	Ok,M
15	Q3586-03MSD	PD091063.D	11 Nov 2025 14:36	AR\AJ	Ok,M
16	Q3587-01	PD091064.D	11 Nov 2025 14:50	AR\AJ	Ok,M
17	Q3588-01	PD091065.D	11 Nov 2025 15:03	AR\AJ	Ok,M
18	Q3588-03	PD091066.D	11 Nov 2025 15:17	AR\AJ	Ok,M
19	I.BLK	PD091067.D	11 Nov 2025 15:31	AR\AJ	Ok
20	PEM	PD091068.D	11 Nov 2025 15:44	AR\AJ	Ok,M
21	PSTDCCC050	PD091069.D	11 Nov 2025 15:58	AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111125

Review By	rahul	Review On	11/11/2025 1:40:14 PM		
Supervise By	yogesh	Supervise On	11/12/2025 9:49:28 AM		
SubDirectory	PD111125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170476BL	PD091070.D	11 Nov 2025 16:12	AR\AJ	Not Ok
23	PB170476BS	PD091071.D	11 Nov 2025 16:25	AR\AJ	Not Ok
24	PB170485BL	PD091072.D	11 Nov 2025 16:39	AR\AJ	Not Ok
25	PB170485BS	PD091073.D	11 Nov 2025 16:52	AR\AJ	Not Ok
26	PB170485BSD	PD091074.D	11 Nov 2025 17:06	AR\AJ	Not Ok
27	Q3569-01	PD091075.D	11 Nov 2025 17:20	AR\AJ	Not Ok
28	Q3569-02	PD091076.D	11 Nov 2025 17:33	AR\AJ	Not Ok
29	Q3584-01	PD091077.D	11 Nov 2025 17:47	AR\AJ	Not Ok
30	Q3584-02	PD091078.D	11 Nov 2025 18:01	AR\AJ	Not Ok
31	Q3584-03	PD091079.D	11 Nov 2025 18:14	AR\AJ	Not Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091080.D	12 Nov 2025 08:48	AR\AJ	Ok
2	I.BLK	PD091081.D	12 Nov 2025 09:01	AR\AJ	Ok
3	PEM	PD091082.D	12 Nov 2025 09:15	AR\AJ	Ok
4	PSTDCCC050	PD091083.D	12 Nov 2025 09:28	AR\AJ	Ok
5	PB170476BL	PD091084.D	12 Nov 2025 09:44	AR\AJ	Ok
6	PB170476BS	PD091085.D	12 Nov 2025 09:57	AR\AJ	Ok,M
7	PB170485BL	PD091086.D	12 Nov 2025 10:11	AR\AJ	Ok
8	PB170485BS	PD091087.D	12 Nov 2025 10:25	AR\AJ	Ok,M
9	PB1701485BSD	PD091088.D	12 Nov 2025 10:38	AR\AJ	Not Ok
10	Q3593-04	PD091089.D	12 Nov 2025 10:52	AR\AJ	Ok
11	Q3593-06	PD091090.D	12 Nov 2025 11:06	AR\AJ	Ok
12	Q3593-08	PD091091.D	12 Nov 2025 11:19	AR\AJ	Ok
13	Q3593-10	PD091092.D	12 Nov 2025 11:33	AR\AJ	Not Ok
14	PB170485BSD	PD091093.D	12 Nov 2025 11:47	AR\AJ	Ok,M
15	Q3569-01	PD091094.D	12 Nov 2025 12:00	AR\AJ	Ok,M
16	Q3569-02	PD091095.D	12 Nov 2025 12:14	AR\AJ	Ok
17	Q3584-01	PD091096.D	12 Nov 2025 12:28	AR\AJ	Ok,M
18	Q3593-10DL	PD091097.D	12 Nov 2025 12:42	AR\AJ	Not Ok
19	Q3584-02	PD091098.D	12 Nov 2025 12:55	AR\AJ	Ok,M
20	Q3593-10	PD091099.D	12 Nov 2025 13:09	AR\AJ	Dilution
21	Q3584-03	PD091100.D	12 Nov 2025 13:22	AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3593-10DL	PD091101.D	12 Nov 2025 13:36	AR\AJ	Ok,M
23	Q3584-04	PD091102.D	12 Nov 2025 13:50	AR\AJ	Ok
24	Q3584-05	PD091103.D	12 Nov 2025 14:03	AR\AJ	Ok
25	I.BLK	PD091104.D	12 Nov 2025 14:17	AR\AJ	Ok
26	PEM	PD091105.D	12 Nov 2025 14:31	AR\AJ	Ok,M
27	PSTDCCC050	PD091106.D	12 Nov 2025 14:44	AR\AJ	Ok
28	PB170506BL	PD091107.D	12 Nov 2025 14:58	AR\AJ	Ok
29	PB170506BS	PD091108.D	12 Nov 2025 15:12	AR\AJ	Not Ok
30	Q3597-01	PD091109.D	12 Nov 2025 15:26	AR\AJ	Ok,M
31	Q3597-01MS	PD091110.D	12 Nov 2025 15:39	AR\AJ	Ok,M
32	Q3597-01MSD	PD091111.D	12 Nov 2025 15:53	AR\AJ	Ok,M
33	Q3597-04	PD091112.D	12 Nov 2025 16:07	AR\AJ	Ok,M
34	Q3597-07	PD091113.D	12 Nov 2025 16:20	AR\AJ	Ok,M
35	Q3597-10	PD091114.D	12 Nov 2025 16:34	AR\AJ	Ok,M
36	Q3598-01	PD091115.D	12 Nov 2025 16:47	AR\AJ	Ok,M
37	Q3600-01	PD091116.D	12 Nov 2025 17:01	AR\AJ	Ok
38	I.BLK	PD091117.D	12 Nov 2025 17:15	AR\AJ	Ok
39	PSTDCCC050	PD091118.D	12 Nov 2025 17:28	AR\AJ	Ok
40	Q3601-01	PD091119.D	12 Nov 2025 18:09	AR\AJ	Ok,M
41	Q3601-05	PD091120.D	12 Nov 2025 18:23	AR\AJ	Ok,M
42	Q3601-09	PD091121.D	12 Nov 2025 18:37	AR\AJ	Ok,M
43	Q3601-13	PD091122.D	12 Nov 2025 18:50	AR\AJ	Ok,M
44	Q3601-17	PD091123.D	12 Nov 2025 19:04	AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3584-07	PD091124.D	12 Nov 2025 19:18	AR\AJ	Ok,M
46	Q3599-01	PD091125.D	12 Nov 2025 19:31	AR\AJ	Ok,M
47	Q3590-01	PD091126.D	12 Nov 2025 19:45	AR\AJ	Ok
48	Q3590-03	PD091127.D	12 Nov 2025 19:59	AR\AJ	Ok,M
49	Q3590-05	PD091128.D	12 Nov 2025 20:12	AR\AJ	Ok,M
50	I.BLK	PD091129.D	12 Nov 2025 20:53	AR\AJ	Ok
51	PSTDCCC050	PD091130.D	12 Nov 2025 21:07	AR\AJ	Ok
52	PB170498BL	PD091131.D	12 Nov 2025 21:48	AR\AJ	Ok
53	PB170498BS	PD091132.D	12 Nov 2025 22:02	AR\AJ	Ok
54	PB170493TB	PD091133.D	12 Nov 2025 22:15	AR\AJ	Ok
55	Q3604-01	PD091134.D	12 Nov 2025 22:29	AR\AJ	Ok,M
56	Q3604-01MS	PD091135.D	12 Nov 2025 22:43	AR\AJ	Ok
57	Q3604-01MSD	PD091136.D	12 Nov 2025 22:56	AR\AJ	Ok
58	Q3604-02	PD091137.D	12 Nov 2025 23:10	AR\AJ	Ok,M
59	I.BLK	PD091138.D	12 Nov 2025 23:24	AR\AJ	Ok
60	PSTDCCC050	PD091139.D	12 Nov 2025 23:37	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111125

Review By	rahul	Review On	11/11/2025 1:40:14 PM		
Supervise By	yogesh	Supervise On	11/12/2025 9:49:28 AM		
SubDirectory	PD111125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091049.D	11 Nov 2025 08:45		AR\AJ	Ok
2	I.BLK	I.BLK	PD091050.D	11 Nov 2025 08:59		AR\AJ	Ok
3	PEM	PEM	PD091051.D	11 Nov 2025 09:13		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD091052.D	11 Nov 2025 09:26		AR\AJ	Ok
5	Q3581-01	VNJ-238	PD091053.D	11 Nov 2025 12:19		AR\AJ	Ok,M
6	Q3581-03	VNJ-245	PD091054.D	11 Nov 2025 12:33		AR\AJ	Ok,M
7	Q3581-05	VNJ-240	PD091055.D	11 Nov 2025 12:47		AR\AJ	Ok,M
8	Q3581-07	RBR200059	PD091056.D	11 Nov 2025 13:00		AR\AJ	Ok,M
9	Q3582-04	RT4912	PD091057.D	11 Nov 2025 13:14		AR\AJ	Ok,M
10	Q3583-04	CHRT27080	PD091058.D	11 Nov 2025 13:28		AR\AJ	Ok,M
11	Q3586-01	SED-1	PD091059.D	11 Nov 2025 13:41		AR\AJ	Ok,M
12	Q3586-02	SED-2	PD091060.D	11 Nov 2025 13:55		AR\AJ	Ok,M
13	Q3586-03	SED-3	PD091061.D	11 Nov 2025 14:09		AR\AJ	Ok,M
14	Q3586-03MS	SED-3MS	PD091062.D	11 Nov 2025 14:22		AR\AJ	Ok,M
15	Q3586-03MSD	SED-3MSD	PD091063.D	11 Nov 2025 14:36		AR\AJ	Ok,M
16	Q3587-01	NB-08-110725	PD091064.D	11 Nov 2025 14:50		AR\AJ	Ok,M
17	Q3588-01	TR-06-11072025	PD091065.D	11 Nov 2025 15:03		AR\AJ	Ok,M
18	Q3588-03	TR-01-11072025	PD091066.D	11 Nov 2025 15:17		AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111125

Review By	rahul	Review On	11/11/2025 1:40:14 PM		
Supervise By	yogesh	Supervise On	11/12/2025 9:49:28 AM		
SubDirectory	PD111125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PD091067.D	11 Nov 2025 15:31		AR\AJ	Ok
20	PEM	PEM	PD091068.D	11 Nov 2025 15:44		AR\AJ	Ok,M
21	PSTDCCC050	PSTDCCC050	PD091069.D	11 Nov 2025 15:58		AR\AJ	Ok,M
22	PB170476BL	PB170476BL	PD091070.D	11 Nov 2025 16:12	END CCC missing	AR\AJ	Not Ok
23	PB170476BS	PB170476BS	PD091071.D	11 Nov 2025 16:25	Endosulfan recovery fail , END CCC missing	AR\AJ	Not Ok
24	PB170485BL	PB170485BL	PD091072.D	11 Nov 2025 16:39	END CCC missing	AR\AJ	Not Ok
25	PB170485BS	PB170485BS	PD091073.D	11 Nov 2025 16:52	END CCC missing	AR\AJ	Not Ok
26	PB170485BSD	PB170485BSD	PD091074.D	11 Nov 2025 17:06	END CCC missing	AR\AJ	Not Ok
27	Q3569-01	MW-2	PD091075.D	11 Nov 2025 17:20	END CCC missing	AR\AJ	Not Ok
28	Q3569-02	MW-12	PD091076.D	11 Nov 2025 17:33	END CCC missing , DCB high in 2nd column	AR\AJ	Not Ok
29	Q3584-01	SW-1	PD091077.D	11 Nov 2025 17:47	END CCC missing	AR\AJ	Not Ok
30	Q3584-02	SW-2	PD091078.D	11 Nov 2025 18:01	END CCC missing	AR\AJ	Not Ok
31	Q3584-03	SW-3	PD091079.D	11 Nov 2025 18:14	END CCC missing	AR\AJ	Not Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091080.D	12 Nov 2025 08:48		AR\AJ	Ok
2	I.BLK	I.BLK	PD091081.D	12 Nov 2025 09:01		AR\AJ	Ok
3	PEM	PEM	PD091082.D	12 Nov 2025 09:15		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091083.D	12 Nov 2025 09:28		AR\AJ	Ok
5	PB170476BL	PB170476BL	PD091084.D	12 Nov 2025 09:44		AR\AJ	Ok
6	PB170476BS	PB170476BS	PD091085.D	12 Nov 2025 09:57		AR\AJ	Ok,M
7	PB170485BL	PB170485BL	PD091086.D	12 Nov 2025 10:11		AR\AJ	Ok
8	PB170485BS	PB170485BS	PD091087.D	12 Nov 2025 10:25		AR\AJ	Ok,M
9	PB1701485BSD	PB1701485BSD	PD091088.D	12 Nov 2025 10:38		AR\AJ	Not Ok
10	Q3593-04	A-LAW-25-0167-0175-(	PD091089.D	12 Nov 2025 10:52		AR\AJ	Ok
11	Q3593-06	B-LAW-25-0167-0175-(	PD091090.D	12 Nov 2025 11:06		AR\AJ	Ok
12	Q3593-08	C-LAW-25-0156-0166-(	PD091091.D	12 Nov 2025 11:19	DCB high 1st column	AR\AJ	Ok
13	Q3593-10	D-LAW-25-0156-0166-(	PD091092.D	12 Nov 2025 11:33	Need 10X	AR\AJ	Not Ok
14	PB170485BSD	PB170485BSD	PD091093.D	12 Nov 2025 11:47		AR\AJ	Ok,M
15	Q3569-01	MW-2	PD091094.D	12 Nov 2025 12:00		AR\AJ	Ok,M
16	Q3569-02	MW-12	PD091095.D	12 Nov 2025 12:14		AR\AJ	Ok
17	Q3584-01	SW-1	PD091096.D	12 Nov 2025 12:28		AR\AJ	Ok,M
18	Q3593-10DL	D-LAW-25-0156-0166-(	PD091097.D	12 Nov 2025 12:42		AR\AJ	Not Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3584-02	SW-2	PD091098.D	12 Nov 2025 12:55		AR\AJ	Ok,M
20	Q3593-10	D-LAW-25-0156-0166-(	PD091099.D	12 Nov 2025 13:09	Need 10X	AR\AJ	Dilution
21	Q3584-03	SW-3	PD091100.D	12 Nov 2025 13:22		AR\AJ	Ok,M
22	Q3593-10DL	D-LAW-25-0156-0166-(	PD091101.D	12 Nov 2025 13:36		AR\AJ	Ok,M
23	Q3584-04	EB-2	PD091102.D	12 Nov 2025 13:50		AR\AJ	Ok
24	Q3584-05	FB-2	PD091103.D	12 Nov 2025 14:03		AR\AJ	Ok
25	I.BLK	I.BLK	PD091104.D	12 Nov 2025 14:17		AR\AJ	Ok
26	PEM	PEM	PD091105.D	12 Nov 2025 14:31		AR\AJ	Ok,M
27	PSTDCCC050	PSTDCCC050	PD091106.D	12 Nov 2025 14:44		AR\AJ	Ok
28	PB170506BL	PB170506BL	PD091107.D	12 Nov 2025 14:58		AR\AJ	Ok
29	PB170506BS	PB170506BS	PD091108.D	12 Nov 2025 15:12	surrogate fail and recovery fail & Heptachlor	AR\AJ	Not Ok
30	Q3597-01	TP-1	PD091109.D	12 Nov 2025 15:26		AR\AJ	Ok,M
31	Q3597-01MS	TP-1MS	PD091110.D	12 Nov 2025 15:39		AR\AJ	Ok,M
32	Q3597-01MSD	TP-1MSD	PD091111.D	12 Nov 2025 15:53		AR\AJ	Ok,M
33	Q3597-04	TP-2	PD091112.D	12 Nov 2025 16:07		AR\AJ	Ok,M
34	Q3597-07	TP-3	PD091113.D	12 Nov 2025 16:20		AR\AJ	Ok,M
35	Q3597-10	TP-4	PD091114.D	12 Nov 2025 16:34		AR\AJ	Ok,M
36	Q3598-01	EO-CONCRETE	PD091115.D	12 Nov 2025 16:47		AR\AJ	Ok,M
37	Q3600-01	CENTRAL-ROW-CONC	PD091116.D	12 Nov 2025 17:01		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	I.BLK	I.BLK	PD091117.D	12 Nov 2025 17:15		AR\AJ	Ok
39	PSTDCCC050	PSTDCCC050	PD091118.D	12 Nov 2025 17:28		AR\AJ	Ok
40	Q3601-01	TP-1	PD091119.D	12 Nov 2025 18:09		AR\AJ	Ok,M
41	Q3601-05	TP-2	PD091120.D	12 Nov 2025 18:23		AR\AJ	Ok,M
42	Q3601-09	TP-3	PD091121.D	12 Nov 2025 18:37		AR\AJ	Ok,M
43	Q3601-13	TP-4	PD091122.D	12 Nov 2025 18:50		AR\AJ	Ok,M
44	Q3601-17	TP-5	PD091123.D	12 Nov 2025 19:04		AR\AJ	Ok,M
45	Q3584-07	SEEP-1	PD091124.D	12 Nov 2025 19:18		AR\AJ	Ok,M
46	Q3599-01	LIVINGSTON-SOIL	PD091125.D	12 Nov 2025 19:31		AR\AJ	Ok,M
47	Q3590-01	MOO-25-0314-0316-C(	PD091126.D	12 Nov 2025 19:45		AR\AJ	Ok
48	Q3590-03	MOO-25-0317-0318-C(	PD091127.D	12 Nov 2025 19:59		AR\AJ	Ok,M
49	Q3590-05	MOO-25-0319	PD091128.D	12 Nov 2025 20:12		AR\AJ	Ok,M
50	I.BLK	I.BLK	PD091129.D	12 Nov 2025 20:53		AR\AJ	Ok
51	PSTDCCC050	PSTDCCC050	PD091130.D	12 Nov 2025 21:07		AR\AJ	Ok
52	PB170498BL	PB170498BL	PD091131.D	12 Nov 2025 21:48		AR\AJ	Ok
53	PB170498BS	PB170498BS	PD091132.D	12 Nov 2025 22:02		AR\AJ	Ok
54	PB170493TB	PB170493TB	PD091133.D	12 Nov 2025 22:15		AR\AJ	Ok
55	Q3604-01	S-1	PD091134.D	12 Nov 2025 22:29		AR\AJ	Ok,M
56	Q3604-01MS	S-1MS	PD091135.D	12 Nov 2025 22:43		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	Q3604-01MSD	S-1MSD	PD091136.D	12 Nov 2025 22:56		AR\AJ	Ok
58	Q3604-02	S-2	PD091137.D	12 Nov 2025 23:10		AR\AJ	Ok,M
59	I.BLK	I.BLK	PD091138.D	12 Nov 2025 23:24		AR\AJ	Ok
60	PSTDCCC050	PSTDCCC050	PD091139.D	12 Nov 2025 23:37		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170476

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	11/11/2025
Matrix :	Solid			**Extraction Start Time :**	08:21
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	11/11/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	11:35
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
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	EP2660
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3981
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
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 # 03-40BTS721.Q3590-01,03,05 used limited volume as samples are Oily Debris + Small particles

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext-lab)	T-P Pest/PCB.
11:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170476

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170476BL	PBLK476	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170476BS	PLCS476	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			2
Q3581-01	VNJ-238	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	F		3
Q3581-03	VNJ-245	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	F		4
Q3581-05	VNJ-240	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	F		5
Q3581-07	RBR200059	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	F		6
Q3582-04	RT4912	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	F		U2-1
Q3583-04	CHRT27080	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E	Sludge	2
Q3586-01	SED-1	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	H		3
Q3586-02	SED-2	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	H		4
Q3586-03	SED-3	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	H		5
Q3586-03MS	SED-3MS	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	H		6
Q3586-03MSD	SED-3MSD	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	H		U3-1
Q3587-01	NB-08-110725	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		2
Q3588-01	TR-06-11072025	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		3
Q3588-03	TR-01-11072025	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q3590-01	MOO-25-0314-0316-COMP	Pesticide-TCL	5.02	N/A	ritesh	Evelyn	10	F	Oily Debris + Soil	5
Q3590-03	MOO-25-0317-0318-COMP	Pesticide-TCL	5.06	N/A	ritesh	Evelyn	10	E	Oily Debris + Small Particles	6
Q3590-05	MOO-25-0319-COMP	Pesticide-TCL	5.03	N/A	ritesh	Evelyn	10	E	Oily Debris	U4-1
Q3593-04	A-LAW-25-0167-0175-COMP	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		2
Q3593-06	B-LAW-25-0167-0175-COMP	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		3
Q3593-08	C-LAW-25-0167-0175-COMP	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		4
Q3593-10	D-LAW-25-0156-0166-COMP	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
Q3599-01	LIVINGSTON-SOIL	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E	Concrete	6

RS 11/11

* **Extracts relinquished on the same date as received.**

Q3586 Q3581P 8:21

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3581P **WorkList ID :** 193029 **Department :** Extraction **Date :** 11-11-2025 08:15:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3581-03	VNJ-245	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3581-05	VNJ-240	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3581-07	RBR200059	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3582-04	RT4912	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/07/2025	8081B
Q3583-04	CHRT27080	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3586-01	SED-1	Solid	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/06/2025	8081B
Q3586-02	SED-2	Solid	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/06/2025	8081B
Q3586-03	SED-3	Solid	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/06/2025	8081B
Q3587-01	NB-08-110725	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/07/2025	8081B
Q3588-01	TR-06-11072025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/07/2025	8081B
Q3588-03	TR-01-11072025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/07/2025	8081B
Q3590-01	MOO-25-0314-0316-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3590-03	MOO-25-0317-0318-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3590-05	MOO-25-0319-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/07/2025	8081B
Q3599-01	LIVINGSTON-SOIL	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/10/2025	8081B

Date/Time 11/11/25 8:15
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 8:52
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext Lab)

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3586 **Order ID:** Q3586

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	62.9
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	6.30	U	1	6.30	27.0	ug/kg	11/11/25 12:27	PB170475
11104-28-2	Aroclor-1221	6.40	U	1	6.40	27.0	ug/kg	11/11/25 12:27	PB170475
11141-16-5	Aroclor-1232	5.90	U	1	5.90	27.0	ug/kg	11/11/25 12:27	PB170475
53469-21-9	Aroclor-1242	6.40	U	1	6.40	27.0	ug/kg	11/11/25 12:27	PB170475
12672-29-6	Aroclor-1248	9.40	U	1	9.40	27.0	ug/kg	11/11/25 12:27	PB170475
11097-69-1	Aroclor-1254	5.10	U	1	5.10	27.0	ug/kg	11/11/25 12:27	PB170475
37324-23-5	Aroclor-1262	8.00	U	1	8.00	27.0	ug/kg	11/11/25 12:27	PB170475
11100-14-4	Aroclor-1268	5.70	U	1	5.70	27.0	ug/kg	11/11/25 12:27	PB170475
11096-82-5	Aroclor-1260	5.10	U	1	5.10	27.0	ug/kg	11/11/25 12:27	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.3			30 (21) - 150 (165)	96%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.9			30 (10) - 150 (170)	95%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	41.4
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	9.50	U	1	9.50	41.0	ug/kg	11/11/25 13:22	PB170475
11104-28-2	Aroclor-1221	9.70	U	1	9.70	41.0	ug/kg	11/11/25 13:22	PB170475
11141-16-5	Aroclor-1232	9.00	U	1	9.00	41.0	ug/kg	11/11/25 13:22	PB170475
53469-21-9	Aroclor-1242	9.70	U	1	9.70	41.0	ug/kg	11/11/25 13:22	PB170475
12672-29-6	Aroclor-1248	14.3	U	1	14.3	41.0	ug/kg	11/11/25 13:22	PB170475
11097-69-1	Aroclor-1254	7.70	U	1	7.70	41.0	ug/kg	11/11/25 13:22	PB170475
37324-23-5	Aroclor-1262	12.1	U	1	12.1	41.0	ug/kg	11/11/25 13:22	PB170475
11100-14-4	Aroclor-1268	8.70	U	1	8.70	41.0	ug/kg	11/11/25 13:22	PB170475
11096-82-5	Aroclor-1260	7.80	U	1	7.80	41.0	ug/kg	11/11/25 13:22	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	12.7			30 (21) - 150 (165)	64%	SPK: 20		
2051-24-3	Decachlorobiphenyl	7.06			30 (10) - 150 (170)	35%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	7.80	U	1	7.80	33.4	ug/kg	11/11/25 13:40	PB170475
11104-28-2	Aroclor-1221	7.90	U	1	7.90	33.4	ug/kg	11/11/25 13:40	PB170475
11141-16-5	Aroclor-1232	7.30	U	1	7.30	33.4	ug/kg	11/11/25 13:40	PB170475
53469-21-9	Aroclor-1242	7.90	U	1	7.90	33.4	ug/kg	11/11/25 13:40	PB170475
12672-29-6	Aroclor-1248	11.6	U	1	11.6	33.4	ug/kg	11/11/25 13:40	PB170475
11097-69-1	Aroclor-1254	6.30	U	1	6.30	33.4	ug/kg	11/11/25 13:40	PB170475
37324-23-5	Aroclor-1262	9.90	U	1	9.90	33.4	ug/kg	11/11/25 13:40	PB170475
11100-14-4	Aroclor-1268	7.10	U	1	7.10	33.4	ug/kg	11/11/25 13:40	PB170475
11096-82-5	Aroclor-1260	6.30	U	1	6.30	33.4	ug/kg	11/11/25 13:40	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			30 (21) - 150 (165)	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.2			30 (10) - 150 (170)	86%	SPK: 20		

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

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

Surrogate Summary

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		70 (60)	130 (140)
		Decachlorobiphen	1	20	16.8	84		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.2	81		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.3	86		70 (60)	130 (140)
I.BLK-PO114999.D	PIBLK-PO114999.D	Tetrachloro-m-xyl	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.7	99		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	20.3	101		70 (60)	130 (140)
		Decachlorobiphen	2	20	21.6	108		70 (60)	130 (140)
PB170475BL	PB170475BL	Tetrachloro-m-xyl	1	20	20.6	103		30 (21)	150 (165)
		Decachlorobiphen	1	20	21.0	105		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	19.6	98		30 (21)	150 (165)
		Decachlorobiphen	2	20	22.9	114		30 (10)	150 (170)
PB170475BS	PB170475BS	Tetrachloro-m-xyl	1	20	22.0	110		30 (21)	150 (165)
		Decachlorobiphen	1	20	21.8	109		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	20.5	102		30 (21)	150 (165)
		Decachlorobiphen	2	20	23.3	117		30 (10)	150 (170)
Q3586-01	SED-1	Tetrachloro-m-xyl	1	20	19.0	95		30 (21)	150 (165)
		Decachlorobiphen	1	20	17.3	86		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	19.3	96		30 (21)	150 (165)
		Decachlorobiphen	2	20	18.9	95		30 (10)	150 (170)
Q3586-01MS	SED-1MS	Tetrachloro-m-xyl	1	20	17.6	88		30 (21)	150 (165)
		Decachlorobiphen	1	20	12.0	60		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	16.5	82		30 (21)	150 (165)
		Decachlorobiphen	2	20	13.0	65		30 (10)	150 (170)
Q3586-01MSD	SED-1MSD	Tetrachloro-m-xyl	1	20	18.6	93		30 (21)	150 (165)
		Decachlorobiphen	1	20	12.8	64		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	18.0	90		30 (21)	150 (165)
		Decachlorobiphen	2	20	14.5	72		30 (10)	150 (170)
Q3586-02	SED-2	Tetrachloro-m-xyl	1	20	12.7	64		30 (21)	150 (165)
		Decachlorobiphen	1	20	5.92	30		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	12.7	63		30 (21)	150 (165)
		Decachlorobiphen	2	20	7.06	35		30 (10)	150 (170)
Q3586-03	SED-3	Tetrachloro-m-xyl	1	20	18.1	90		30 (21)	150 (165)
		Decachlorobiphen	1	20	15.8	79		30 (10)	150 (170)
		Tetrachloro-m-xyl	2	20	18.6	93		30 (21)	150 (165)
		Decachlorobiphen	2	20	17.2	86		30 (10)	150 (170)
I.BLK-PO115014.D	PIBLK-PO115014.D	Tetrachloro-m-xyl	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.8	99		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphen	2	20	21.7	108		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.: Q3586 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **DataFile :** PO115003.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3586-01MS (Column 1)**	**Client Sample ID:**		**SED-1MS**								
	AR1016	264.4	0	205	ug/kg	78				40 (39)	140 (159)	
	AR1260	264.4	0	173	ug/kg	65				40 (19)	140 (160)	
Lab Sample ID:	**Q3586-01MS (Column 2)**	**Client Sample ID:**		**SED-1MS**								
	AR1016	264.4	0	200	ug/kg	76				40 (39)	140 (159)	
	AR1260	264.4	0	173	ug/kg	65				40 (19)	140 (160)	

( ) = 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.: Q3586 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **DataFile :** PO115004.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3586-01MSD (Column 1)**	**Client Sample ID:**		**SED-1MSD**								
	AR1016	264.2	0	219	ug/kg	83		6		40 (39)	140 (159)	30 (21)
	AR1260	264.2	0	186	ug/kg	70		7		40 (19)	140 (160)	30 (15)
Lab Sample ID:	**Q3586-01MSD (Column 2)**	**Client Sample ID:**		**SED-1MSD**								
	AR1016	264.2	0	217	ug/kg	82		8		40 (39)	140 (159)	30 (21)
	AR1260	264.2	0	187	ug/kg	71		9		40 (19)	140 (160)	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.: Q3586 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO115001.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170475BS (Column 1)	AR1016	166.5	148	ug/kg	89				40 (71)	140 (120)	
	AR1260	166.5	140	ug/kg	84				40 (65)	140 (130)	
PB170475BS (Column 2)	AR1016	166.5	144	ug/kg	86				40 (71)	140 (120)	
	AR1260	166.5	139	ug/kg	83				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

Client ID: PB170475BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab Sample ID: PB170475BL | Lab File ID: PO115000.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/11/2025

Date Analyzed (1): 11/11/2025 | Date Analyzed (2): 11/11/2025

Time Analyzed (1): 11:50 | Time Analyzed (2): 11:50

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

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
PB170475BS	PB170475BS	PO115001.D	11/11/2025	11/11/2025
SED-1	Q3586-01	PO115002.D	11/11/2025	11/11/2025
SED-1MS	Q3586-01MS	PO115003.D	11/11/2025	11/11/2025
SED-1MSD	Q3586-01MSD	PO115004.D	11/11/2025	11/11/2025
SED-2	Q3586-02	PO115005.D	11/11/2025	11/11/2025
SED-3	Q3586-03	PO115006.D	11/11/2025	11/11/2025

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170475BL	SDG No.:	Q3586
Lab Sample ID:	PB170475BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	11/11/25 11:50	PB170475
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	11/11/25 11:50	PB170475
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	11/11/25 11:50	PB170475
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	11/11/25 11:50	PB170475
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	11/11/25 11:50	PB170475
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	11/11/25 11:50	PB170475
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	11/11/25 11:50	PB170475
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	11/11/25 11:50	PB170475
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	11/11/25 11:50	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.6			30 (21) - 150 (165)	103%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.9			30 (10) - 150 (170)	114%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			70 (60) - 130 (140)	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			70 (60) - 130 (140)	84%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PO114999.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PO114999.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/11/25	po111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	po111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	po111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	po111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	po111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	po111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	po111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	po111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	po111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			70 (60) - 130 (140)	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.7			70 (60) - 130 (140)	99%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PO115014.D	SDG No.:	Q3586
Lab Sample ID:	I.BLK-PO115014.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/11/25	po111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	po111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	po111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	po111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	po111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	po111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	po111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	po111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	po111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			70 (60) - 130 (140)	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.8			70 (60) - 130 (140)	99%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170475BS	SDG No.:	Q3586
Lab Sample ID:	PB170475BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	148		1	3.90	17.0	ug/kg	11/11/25 12:09	PB170475
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	11/11/25 12:09	PB170475
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	11/11/25 12:09	PB170475
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	11/11/25 12:09	PB170475
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	11/11/25 12:09	PB170475
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	11/11/25 12:09	PB170475
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	11/11/25 12:09	PB170475
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	11/11/25 12:09	PB170475
11096-82-5	Aroclor-1260	140		1	3.20	17.0	ug/kg	11/11/25 12:09	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.0			30 (21) - 150 (165)	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.3			30 (10) - 150 (170)	117%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	62.9
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	205		1	6.30	27.0	ug/kg	11/11/25 12:45	PB170475
11104-28-2	Aroclor-1221	6.40	U	1	6.40	27.0	ug/kg	11/11/25 12:45	PB170475
11141-16-5	Aroclor-1232	5.90	U	1	5.90	27.0	ug/kg	11/11/25 12:45	PB170475
53469-21-9	Aroclor-1242	6.40	U	1	6.40	27.0	ug/kg	11/11/25 12:45	PB170475
12672-29-6	Aroclor-1248	9.40	U	1	9.40	27.0	ug/kg	11/11/25 12:45	PB170475
11097-69-1	Aroclor-1254	5.10	U	1	5.10	27.0	ug/kg	11/11/25 12:45	PB170475
37324-23-5	Aroclor-1262	8.00	U	1	8.00	27.0	ug/kg	11/11/25 12:45	PB170475
11100-14-4	Aroclor-1268	5.70	U	1	5.70	27.0	ug/kg	11/11/25 12:45	PB170475
11096-82-5	Aroclor-1260	173		1	5.10	27.0	ug/kg	11/11/25 12:45	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.6			30 (21) - 150 (165)	88%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.0			30 (10) - 150 (170)	65%	SPK: 20		

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	62.9
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	219		1	6.30	26.9	ug/kg	11/11/25 13:04	PB170475
11104-28-2	Aroclor-1221	6.40	U	1	6.40	26.9	ug/kg	11/11/25 13:04	PB170475
11141-16-5	Aroclor-1232	5.90	U	1	5.90	26.9	ug/kg	11/11/25 13:04	PB170475
53469-21-9	Aroclor-1242	6.40	U	1	6.40	26.9	ug/kg	11/11/25 13:04	PB170475
12672-29-6	Aroclor-1248	9.40	U	1	9.40	26.9	ug/kg	11/11/25 13:04	PB170475
11097-69-1	Aroclor-1254	5.10	U	1	5.10	26.9	ug/kg	11/11/25 13:04	PB170475
37324-23-5	Aroclor-1262	8.00	U	1	8.00	26.9	ug/kg	11/11/25 13:04	PB170475
11100-14-4	Aroclor-1268	5.70	U	1	5.70	26.9	ug/kg	11/11/25 13:04	PB170475
11096-82-5	Aroclor-1260	187		1	5.10	26.9	ug/kg	11/11/25 13:04	PB170475
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			30 (21) - 150 (165)	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.5			30 (10) - 150 (170)	72%	SPK: 20		

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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

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

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1260-4	(4)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.35	6.36	6.35	6.35	6.36	6.35	6.25	6.45
Aroclor-1248-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1254-1	(1)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.21	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

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

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.97	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.68	5.68	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

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

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021	3
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917	3
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964	3
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084	3
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133	5
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442	5
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202	7
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979	7
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058	7
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654	3
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415	6
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711	4
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751	2
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181	2
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866	3
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634	4
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325	2
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505	6
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943	5
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686	6
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934	5
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736	3
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203	4
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916	3
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599	5
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939	2
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643	3
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398	7
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599	2
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306	3
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401	2
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219	3
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975	2
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3586
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

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

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	190255495	4
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	270864445	4
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	147973176	4
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	117417809	6
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	152713484	5
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	296107474	5
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	430031211	3
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	351151399	4
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	303028670	4
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	821628074	4
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3903823849	3
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4466779594	4
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	146221590	3
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	207147890	3
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	111977521	3
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	107131147	3
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	142917757	4
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	4303689581	3
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4681866584	4
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	109309714	5
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	148900481	7
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	155407759	6
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	183252329	5
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	184328628	3
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	4216062851	3
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	4803726475	1
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	300180077	8
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	269607535	9
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	422244738	4
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	297394184	3
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	397526003	2
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	4410129979	3
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	4888312959	2
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	976125339	2

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

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	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

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	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:58 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.91	7.90	7.80	8.00	-0.01
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:58 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114995.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.487	5.387	5.587	523.240	500.000	4.6
Aroclor-1016-2	5.509	5.408	5.608	519.530	500.000	3.9
Aroclor-1016-3	5.570	5.470	5.670	536.920	500.000	7.4
Aroclor-1016-4	5.666	5.566	5.766	518.900	500.000	3.8
Aroclor-1016-5	5.959	5.858	6.058	508.530	500.000	1.7
Aroclor-1260-1	7.072	6.971	7.171	494.540	500.000	-1.1
Aroclor-1260-2	7.326	7.225	7.425	530.960	500.000	6.2
Aroclor-1260-3	7.684	7.582	7.782	530.270	500.000	6.1
Aroclor-1260-4	7.906	7.803	8.003	513.550	500.000	2.7
Aroclor-1260-5	8.212	8.110	8.310	513.190	500.000	2.6
Decachlorobiphenyl	9.934	9.830	10.030	51.550	50.000	3.1
Tetrachloro-m-xylene	4.347	4.248	4.448	54.660	50.000	9.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114995.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.628	4.828	520.960	500.000	4.2
Aroclor-1016-2	4.746	4.647	4.847	517.670	500.000	3.5
Aroclor-1016-3	4.920	4.821	5.021	521.770	500.000	4.4
Aroclor-1016-4	4.963	4.864	5.064	520.570	500.000	4.1
Aroclor-1016-5	5.175	5.076	5.276	520.420	500.000	4.1
Aroclor-1260-1	6.205	6.106	6.306	498.280	500.000	-0.3
Aroclor-1260-2	6.393	6.294	6.494	495.230	500.000	-1.0
Aroclor-1260-3	6.546	6.446	6.646	501.370	500.000	0.3
Aroclor-1260-4	7.017	6.917	7.117	509.410	500.000	1.9
Aroclor-1260-5	7.257	7.158	7.358	505.340	500.000	1.1
Decachlorobiphenyl	8.643	8.541	8.741	53.990	50.000	8.0
Tetrachloro-m-xylene	3.648	3.548	3.748	52.580	50.000	5.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 09:39 18:31

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)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115010.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.486	5.387	5.587	516.170	500.000	3.2
Aroclor-1016-2	5.508	5.408	5.608	515.680	500.000	3.1
Aroclor-1016-3	5.569	5.470	5.670	531.180	500.000	6.2
Aroclor-1016-4	5.666	5.566	5.766	520.070	500.000	4.0
Aroclor-1016-5	5.957	5.858	6.058	505.450	500.000	1.1
Aroclor-1260-1	7.071	6.971	7.171	495.620	500.000	-0.9
Aroclor-1260-2	7.325	7.225	7.425	531.970	500.000	6.4
Aroclor-1260-3	7.683	7.582	7.782	531.940	500.000	6.4
Aroclor-1260-4	7.904	7.803	8.003	516.150	500.000	3.2
Aroclor-1260-5	8.212	8.110	8.310	512.360	500.000	2.5
Decachlorobiphenyl	9.933	9.830	10.030	51.230	50.000	2.5
Tetrachloro-m-xylene	4.347	4.248	4.448	53.580	50.000	7.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3586

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115010.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.628	4.828	517.240	500.000	3.4
Aroclor-1016-2	4.746	4.647	4.847	515.690	500.000	3.1
Aroclor-1016-3	4.920	4.821	5.021	522.320	500.000	4.5
Aroclor-1016-4	4.963	4.864	5.064	520.080	500.000	4.0
Aroclor-1016-5	5.175	5.076	5.276	517.410	500.000	3.5
Aroclor-1260-1	6.205	6.106	6.306	495.010	500.000	-1.0
Aroclor-1260-2	6.393	6.294	6.494	487.870	500.000	-2.4
Aroclor-1260-3	6.545	6.446	6.646	496.040	500.000	-0.8
Aroclor-1260-4	7.016	6.917	7.117	503.530	500.000	0.7
Aroclor-1260-5	7.257	7.158	7.358	499.860	500.000	0.0
Decachlorobiphenyl	8.642	8.541	8.741	53.840	50.000	7.7
Tetrachloro-m-xylene	3.648	3.548	3.748	52.450	50.000	4.9

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/11/2025	09:58	PO114995.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	11:18	PO114999.D	9.94	4.35
PB170475BL	PB170475BL	11/11/2025	11:50	PO115000.D	9.95	4.35
PB170475BS	PB170475BS	11/11/2025	12:09	PO115001.D	9.94	4.35
SED-1	Q3586-01	11/11/2025	12:27	PO115002.D	9.94	4.35
SED-1MS	Q3586-01MS	11/11/2025	12:45	PO115003.D	9.94	4.35
SED-1MSD	Q3586-01MSD	11/11/2025	13:04	PO115004.D	9.94	4.35
SED-2	Q3586-02	11/11/2025	13:22	PO115005.D	9.94	4.35
SED-3	Q3586-03	11/11/2025	13:40	PO115006.D	9.94	4.35
AR1660CCC500	AR1660CCC500	11/11/2025	15:49	PO115010.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	9.93	4.35

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/11/2025	09:58	PO114995.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	11:18	PO114999.D	8.64	3.65
PB170475BL	PB170475BL	11/11/2025	11:50	PO115000.D	8.65	3.65
PB170475BS	PB170475BS	11/11/2025	12:09	PO115001.D	8.64	3.65
SED-1	Q3586-01	11/11/2025	12:27	PO115002.D	8.64	3.65
SED-1MS	Q3586-01MS	11/11/2025	12:45	PO115003.D	8.64	3.65
SED-1MSD	Q3586-01MSD	11/11/2025	13:04	PO115004.D	8.64	3.65
SED-2	Q3586-02	11/11/2025	13:22	PO115005.D	8.64	3.65
SED-3	Q3586-03	11/11/2025	13:40	PO115006.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/11/2025	15:49	PO115010.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	8.64	3.65

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170475BS

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab Sample ID: PB170475BS Date(s) Analyzed: 11/11/2025 11/11/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO115001.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.488	5.438	5.538	149		
	2	5.509	5.459	5.559	148		
	3	5.571	5.521	5.621	153		
COLUMN 1	4	5.667	5.617	5.717	149		
	5	5.959	5.909	6.009	141	148	
	1	4.727	4.677	4.777	147		
	2	4.746	4.696	4.796	145		
	3	4.921	4.871	4.971	146		
	4	4.963	4.913	5.013	143		
COLUMN 2	5	5.175	5.125	5.225	140	144	2.74
Aroclor-1260	1	7.073	7.023	7.123	147		
	2	7.327	7.277	7.377	159		
	3	7.685	7.635	7.735	128		
COLUMN 1	4	7.906	7.856	7.956	136		
	5	8.213	8.163	8.263	130	140	
	1	6.206	6.156	6.256	144		
	2	6.393	6.343	6.443	143		
	3	6.546	6.496	6.596	149		
	4	7.018	6.968	7.068	128		
COLUMN 2	5	7.257	7.207	7.307	129	139	0.72

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SED-1MS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3586
Lab Sample ID: Q3586-01MS
Date(s) Analyzed: 11/11/2025 11/11/2025
Instrument ID (1): ECD_O
Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO115003.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.488	5.438	5.538	209		
	2	5.509	5.459	5.559	203		
	3	5.572	5.522	5.622	206		
COLUMN 1	4	5.667	5.617	5.717	207		
	5	5.959	5.909	6.009	199	205	
	1	4.727	4.677	4.777	202		
	2	4.746	4.696	4.796	203		
	3	4.921	4.871	4.971	202		
	4	4.963	4.913	5.013	197		
COLUMN 2	5	5.175	5.125	5.225	196	200	2.47
Aroclor-1260	1	7.073	7.023	7.123	187		
	2	7.327	7.277	7.377	190		
	3	7.685	7.635	7.735	156		
COLUMN 1	4	7.907	7.857	7.957	169		
	5	8.213	8.163	8.263	160	173	
	1	6.206	6.156	6.256	186		
	2	6.394	6.344	6.444	183		
	3	6.546	6.496	6.596	183		
	4	7.018	6.968	7.068	159		
COLUMN 2	5	7.259	7.209	7.309	155	173	0

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SED-1MSD

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab Sample ID: Q3586-01MSD | Date(s) Analyzed: 11/11/2025 11/11/2025

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

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

Data file PO115004.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.488	5.438	5.538	220		
	2	5.51	5.46	5.56	217		
	3	5.572	5.522	5.622	221		
COLUMN 1	4	5.667	5.617	5.717	225		
	5	5.959	5.909	6.009	212	219	
	1	4.728	4.678	4.778	219		
	2	4.747	4.697	4.797	219		
	3	4.921	4.871	4.971	221		
	4	4.964	4.914	5.014	214		
COLUMN 2	5	5.176	5.126	5.226	212	217	0.92
Aroclor-1260	1	7.073	7.023	7.123	199		
	2	7.327	7.277	7.377	207		
	3	7.685	7.635	7.735	169		
COLUMN 1	4	7.906	7.856	7.956	184		
	5	8.213	8.163	8.263	172	186	
	1	6.206	6.156	6.256	203		
	2	6.394	6.344	6.444	194		
	3	6.546	6.496	6.596	198		
	4	7.018	6.968	7.068	173		
COLUMN 2	5	7.259	7.209	7.309	169	187	0.54

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:27
Operator : YP/AJ
Sample : Q3586-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:03:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.348	3.649	133.6E6	86095625	18.986	19.275
2)	SA Decachlor...	9.936	8.643	76362660	73955371	17.276	18.944
	Target Compounds						

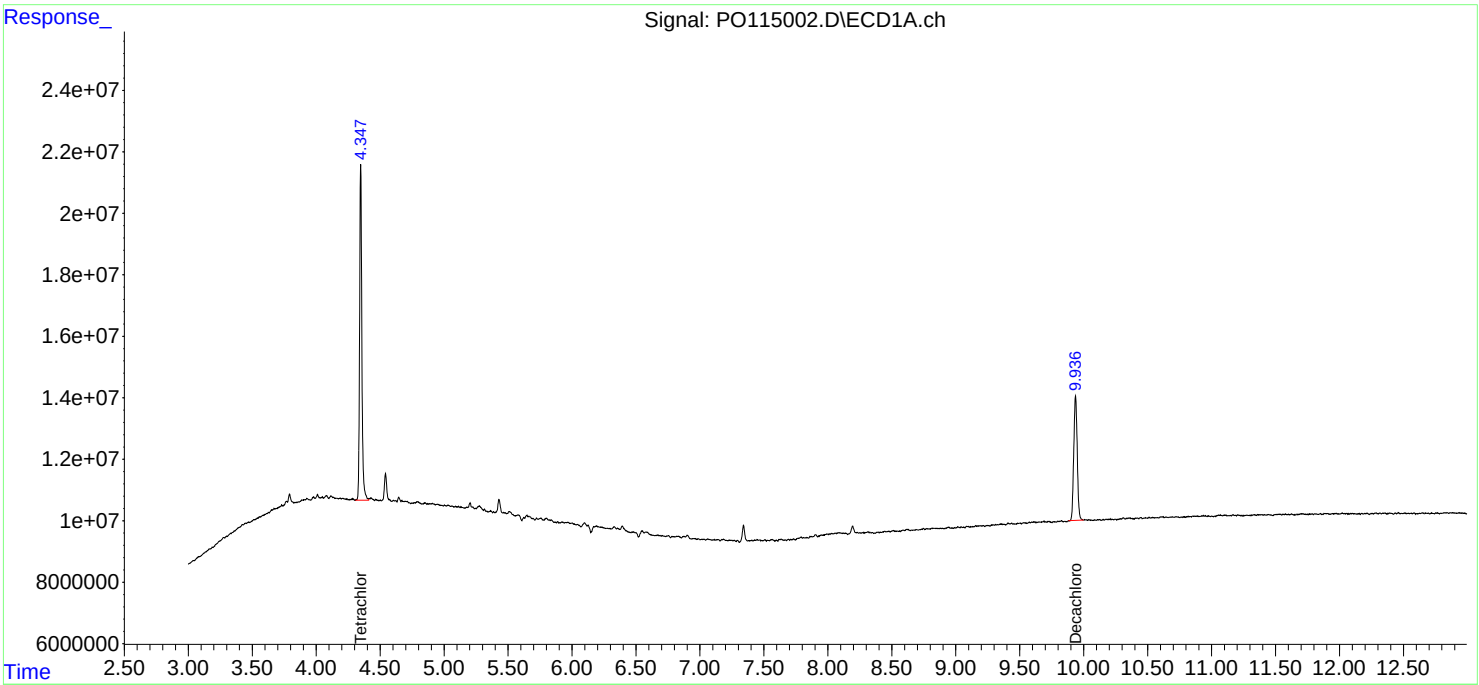
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

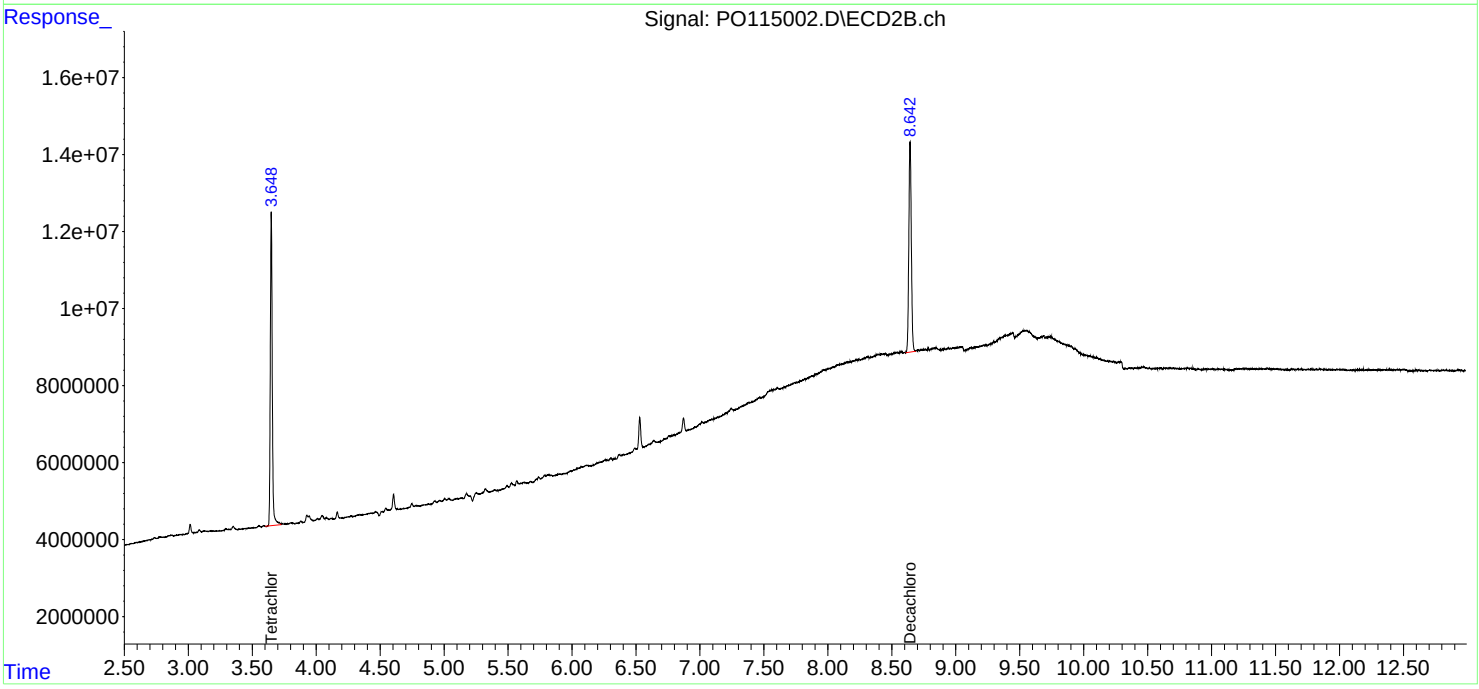
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:27
Operator : YP/AJ
Sample : Q3586-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

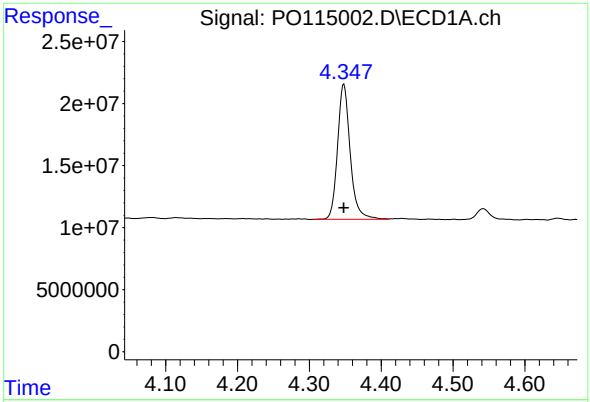
Instrument :
ECD_O
ClientSampleId :
SED-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:03:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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



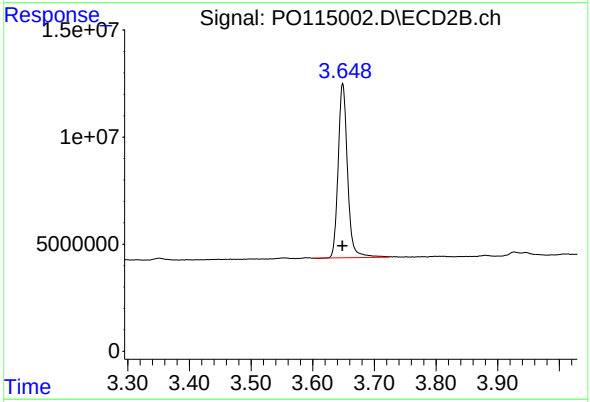




#1 Tetrachloro-m-xylene

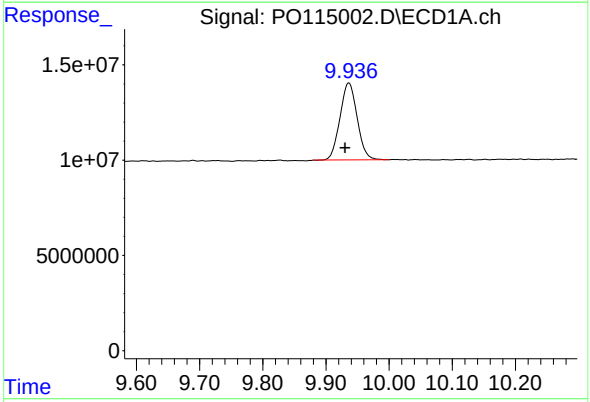
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 133624527
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
SED-1



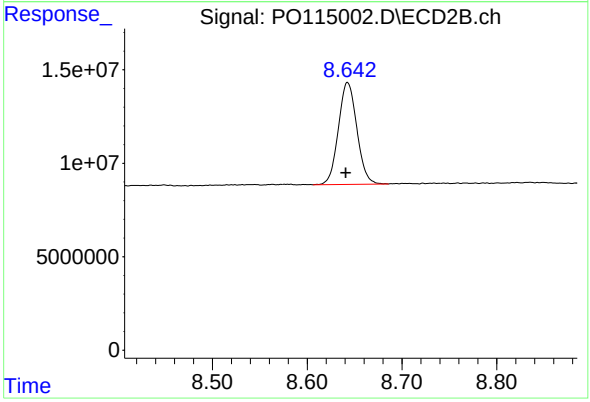
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 86095625
Conc: 19.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.006 min
Response: 76362660
Conc: 17.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.643 min
Delta R.T.: 0.002 min
Response: 73955371
Conc: 18.94 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:22
Operator : YP/AJ
Sample : Q3586-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:49:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.348	3.649	89693123	56639854	12.744	12.680
2)	SA Decachlor...	9.936	8.642	26157618	27546792	5.918	7.056
	Target Compounds						

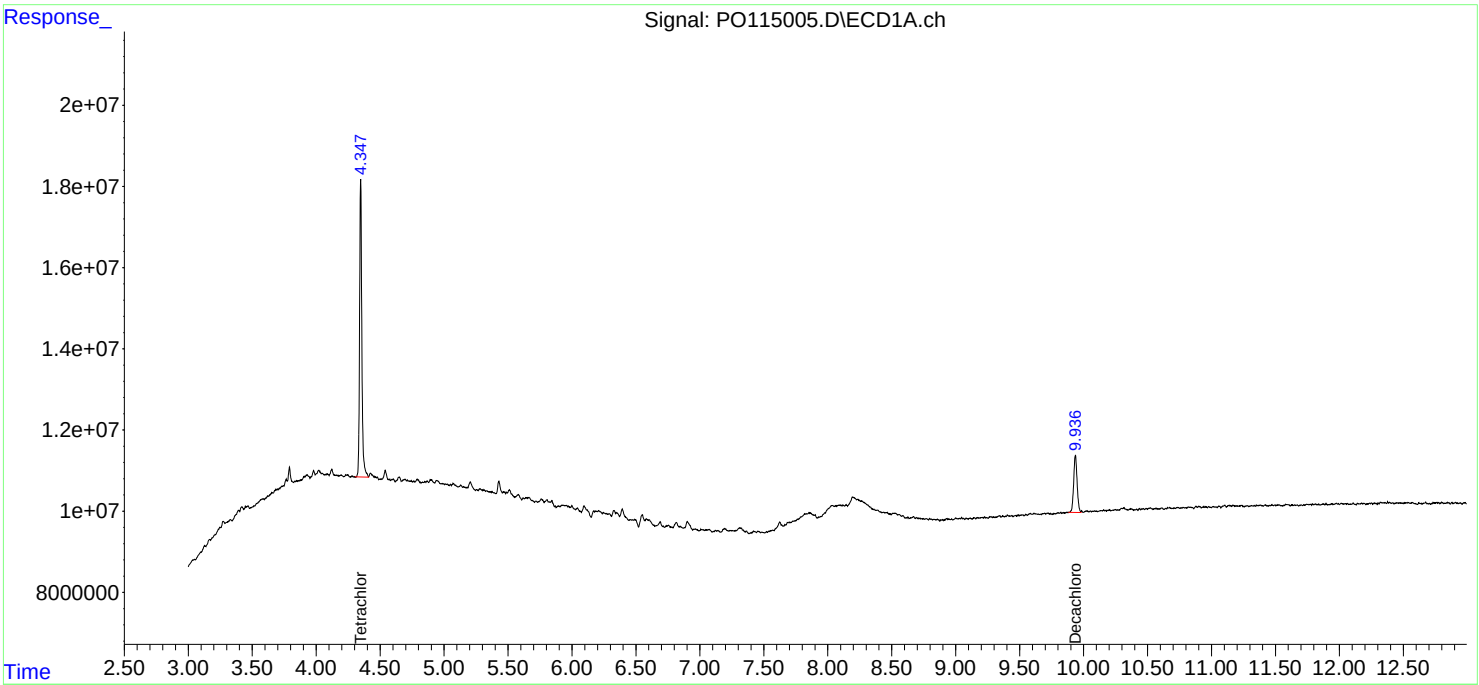
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

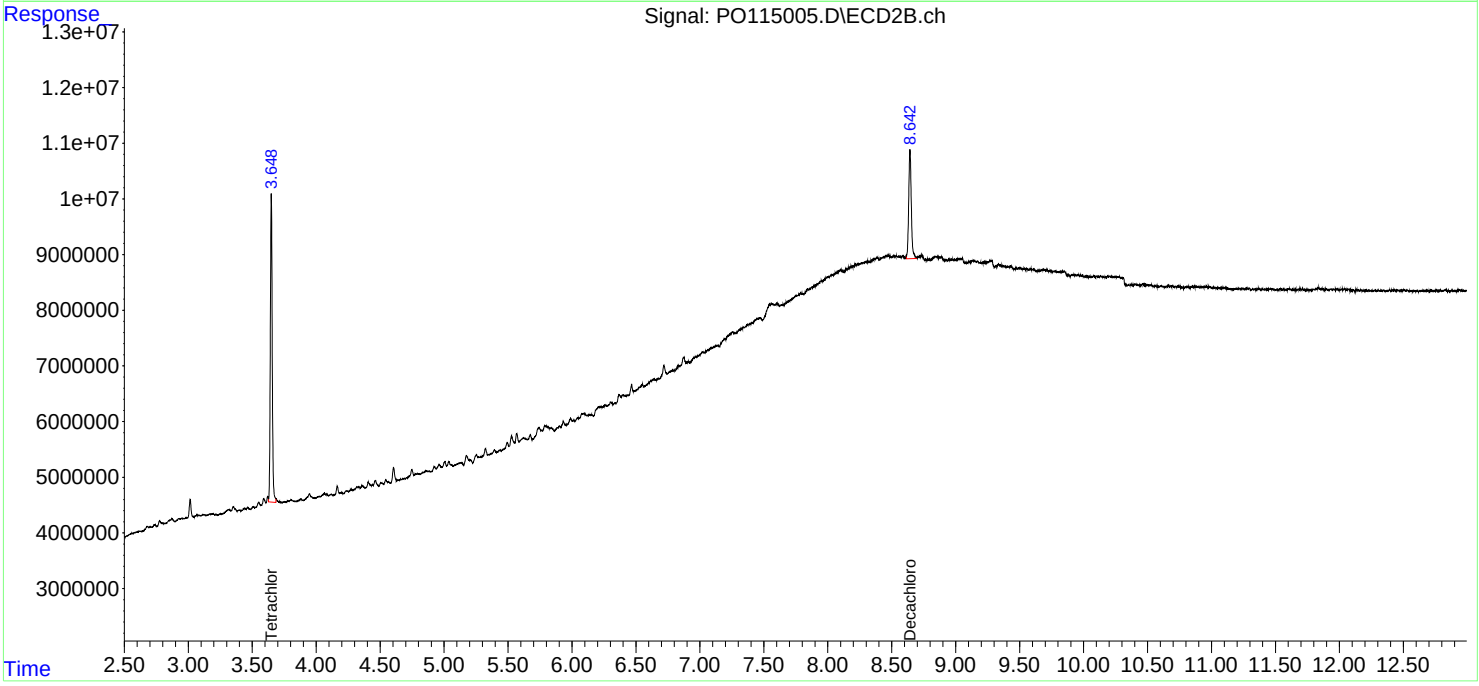
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:22
Operator : YP/AJ
Sample : Q3586-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

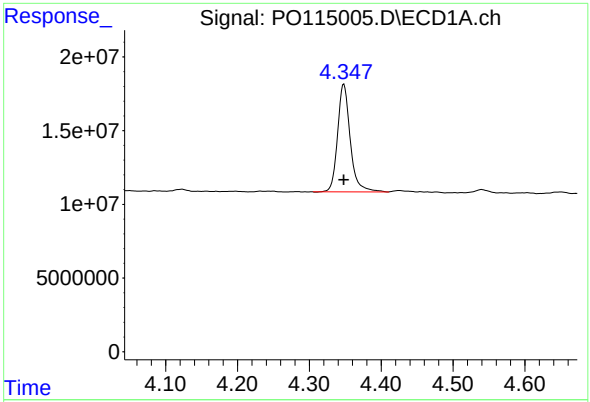
Instrument :
ECD_O
ClientSampleId :
SED-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:49:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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



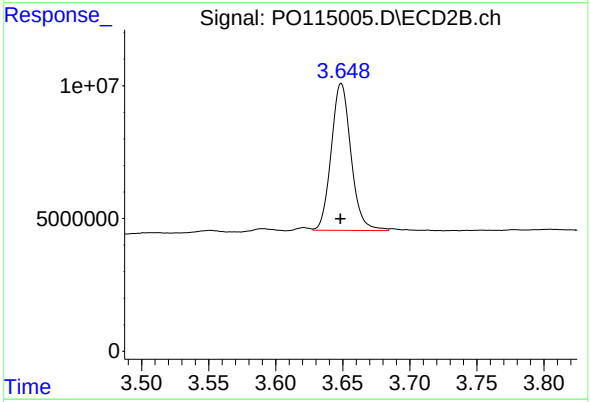




#1 Tetrachloro-m-xylene

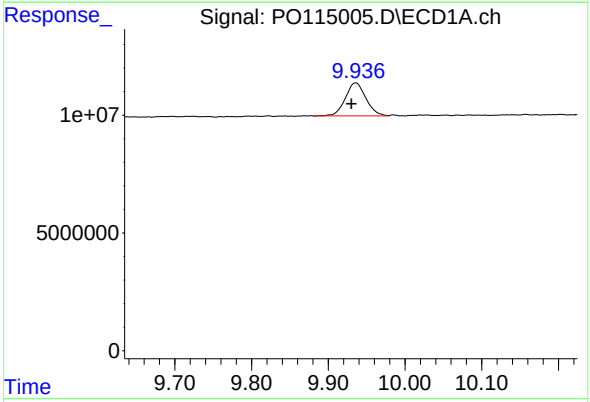
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 89693123
Conc: 12.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SED-2



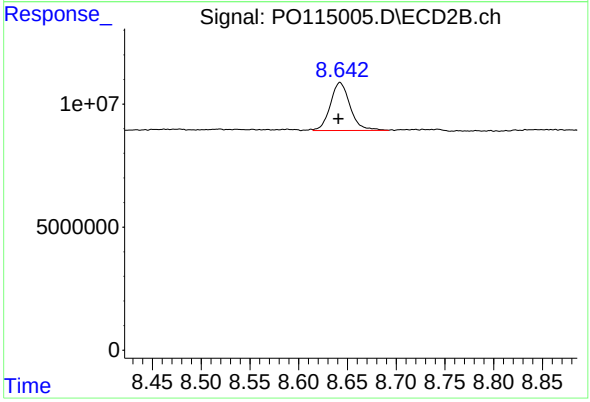
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 56639854
Conc: 12.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.006 min
Response: 26157618
Conc: 5.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: 0.002 min
Response: 27546792
Conc: 7.06 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:40
Operator : YP/AJ
Sample : Q3586-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:50:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.348	3.649	127.0E6	83246038	18.051	18.637
2)	SA Decachlor...	9.936	8.642	69890716	67131350	15.811	17.196
	Target Compounds						

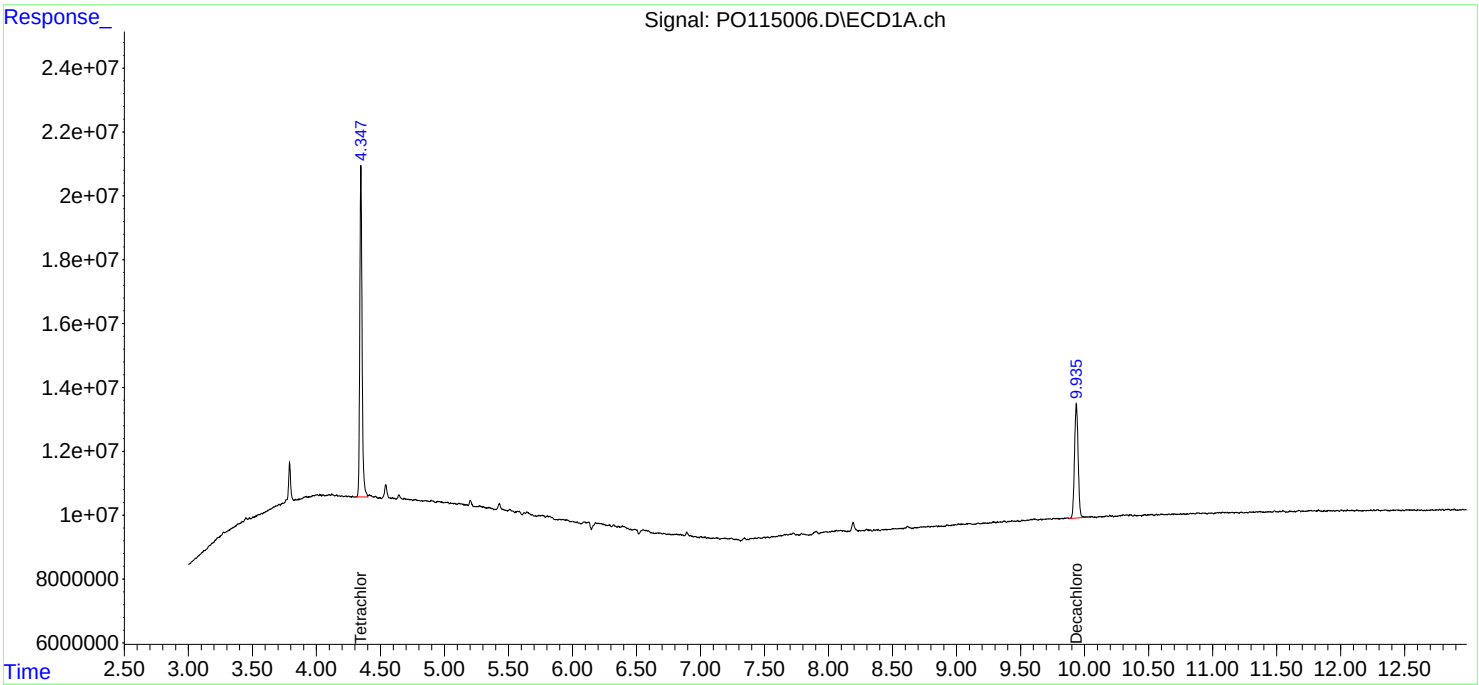
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

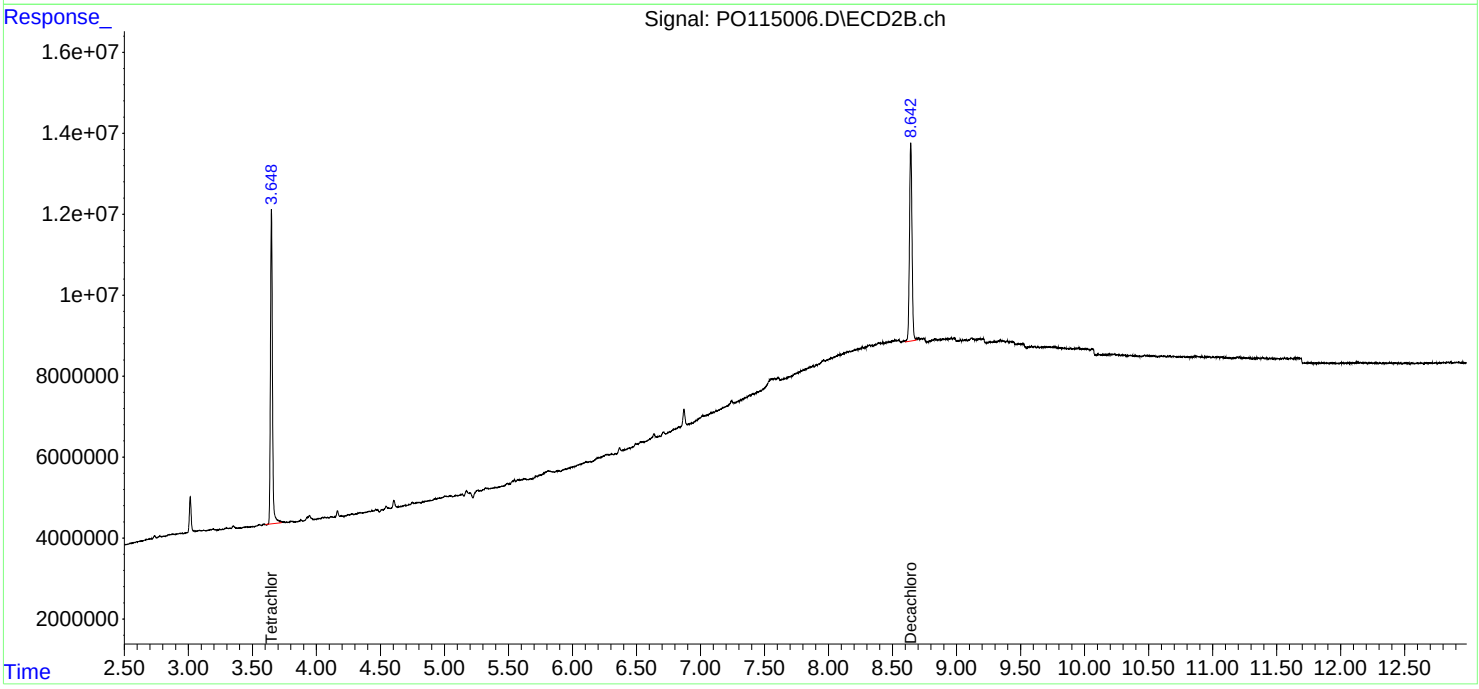
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:40
Operator : YP/AJ
Sample : Q3586-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

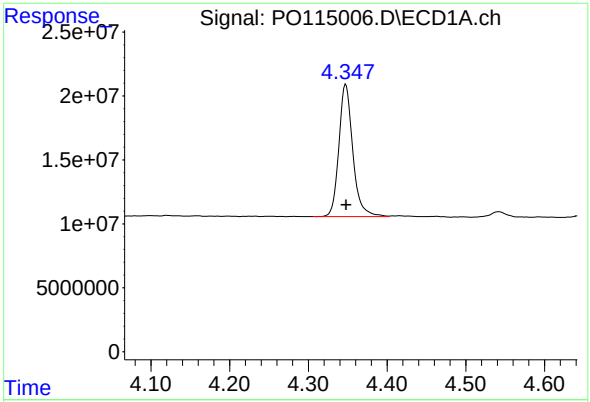
Instrument :
ECD_O
ClientSampleId :
SED-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:50:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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



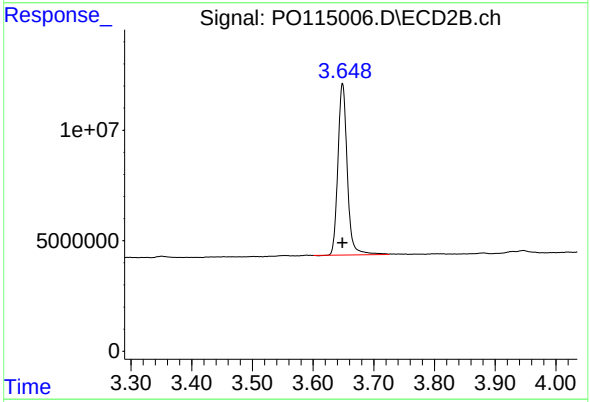




#1 Tetrachloro-m-xylene

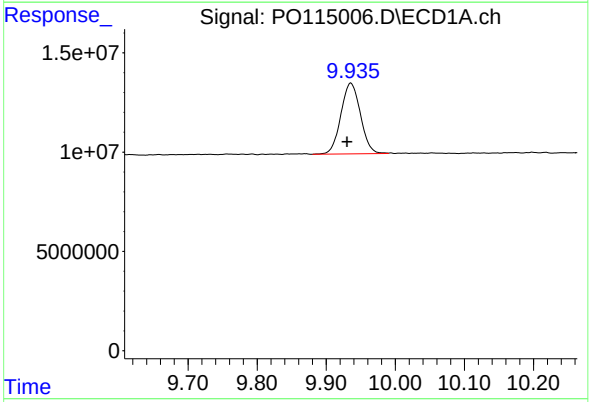
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 127047622
Conc: 18.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SED-3



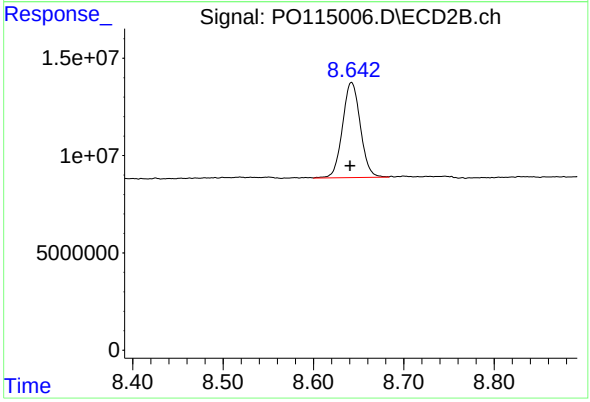
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 83246038
Conc: 18.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.006 min
Response: 69890716
Conc: 15.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: 0.002 min
Response: 67131350
Conc: 17.20 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 11:50
Operator : YP/AJ
Sample : PB170475BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170475BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.353	3.649	144.7E6	87526237	20.558	19.595
2)	SA Decachlor...	9.949	8.645	93009387	89337150	21.042	22.885
	Target Compounds						

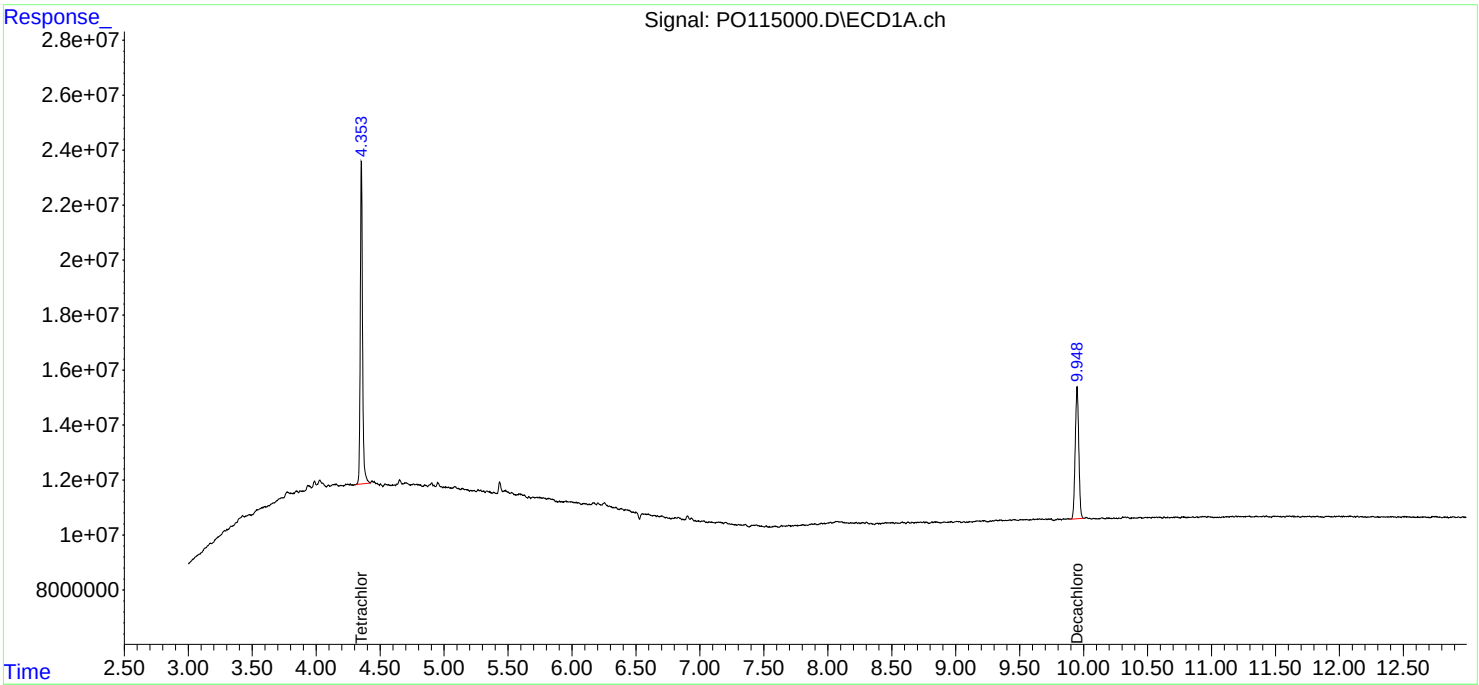
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

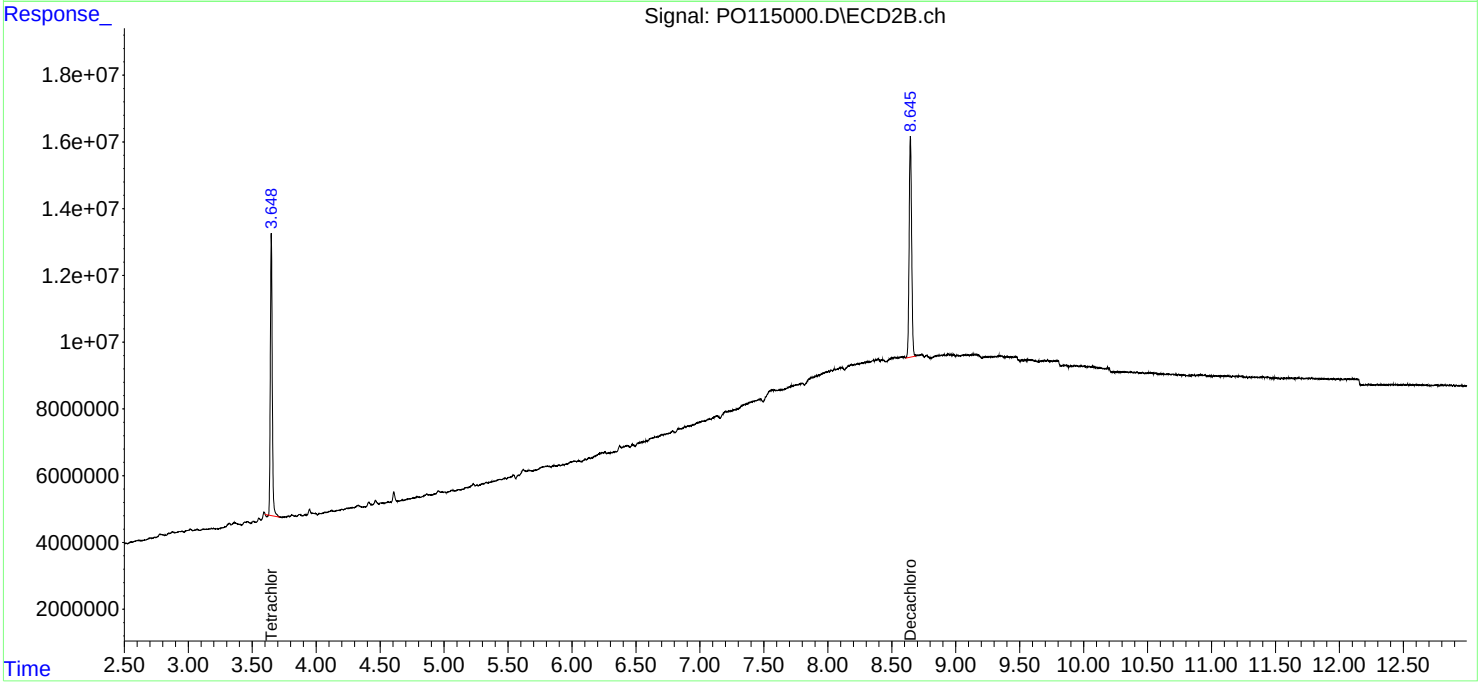
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 11:50
Operator : YP/AJ
Sample : PB170475BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

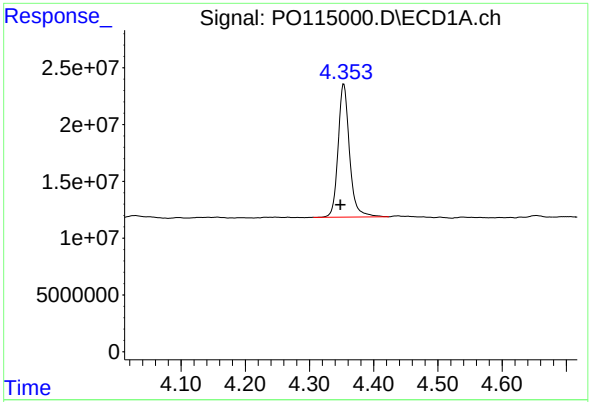
Instrument :
ECD_O
ClientSampleId :
PB170475BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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



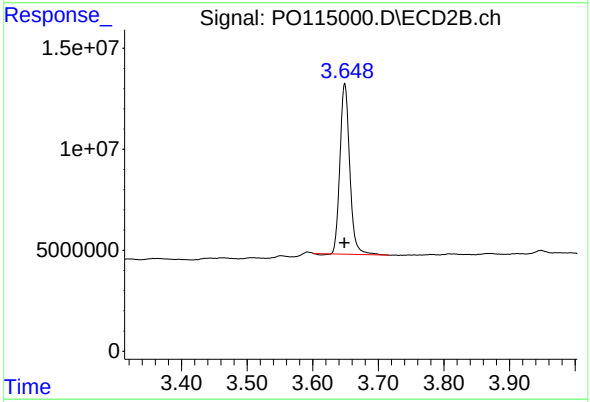




#1 Tetrachloro-m-xylene

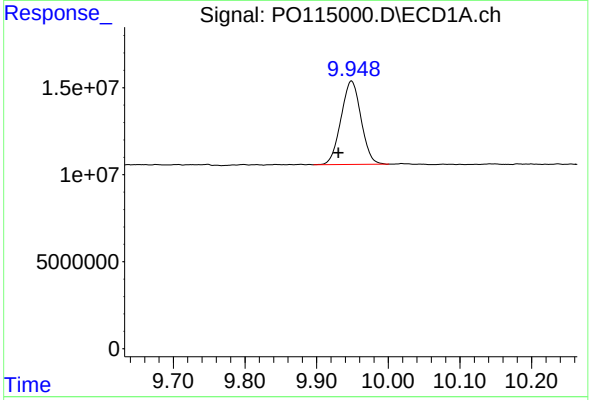
R.T.: 4.353 min
Delta R.T.: 0.005 min
Response: 144687857
Conc: 20.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170475BL



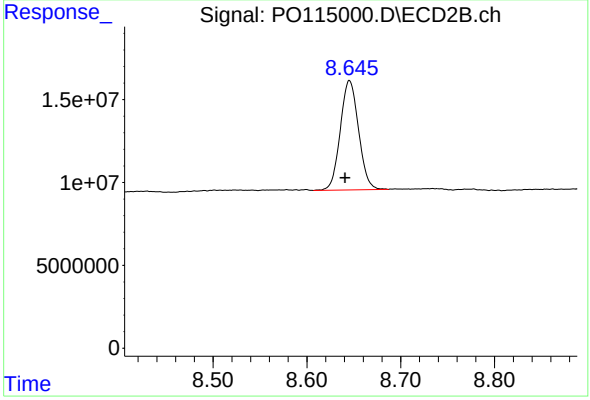
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 87526237
Conc: 19.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.949 min
Delta R.T.: 0.019 min
Response: 93009387
Conc: 21.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.645 min
Delta R.T.: 0.005 min
Response: 89337150
Conc: 22.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:09
Operator : YP/AJ
Sample : PB170475BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170475BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:02:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.348	3.648	154.6E6	91507548	21.973	20.486
2)	SA Decachlor...	9.937	8.642	96223751	91099181	21.769	23.336
	Target Compounds						
3)	L1 AR-1016-1	5.488	4.727	110.3E6	83922054	448.527	441.102
4)	L1 AR-1016-2	5.509	4.746	176.8E6	118.2E6	445.353	436.493
5)	L1 AR-1016-3	5.571	4.921	102.2E6	65054491	458.273	439.637
6)	L1 AR-1016-4	5.667	4.963	84436674	50315574	447.050	428.517
7)	L1 AR-1016-5	5.959	5.175	75299210	64381320	422.561	421.582
31)	L7 AR-1260-1	7.073	6.206	134.7E6	128.3E6	440.724	433.431
32)	L7 AR-1260-2	7.327	6.393	188.8E6	185.1E6	476.987	430.535
33)	L7 AR-1260-3	7.685	6.546	127.4E6	157.4E6	383.946	448.304
34)	L7 AR-1260-4	7.906	7.018	124.9E6	116.8E6	409.512	385.357
35)	L7 AR-1260-5	8.213	7.257	278.4E6	318.4E6	390.391	387.490

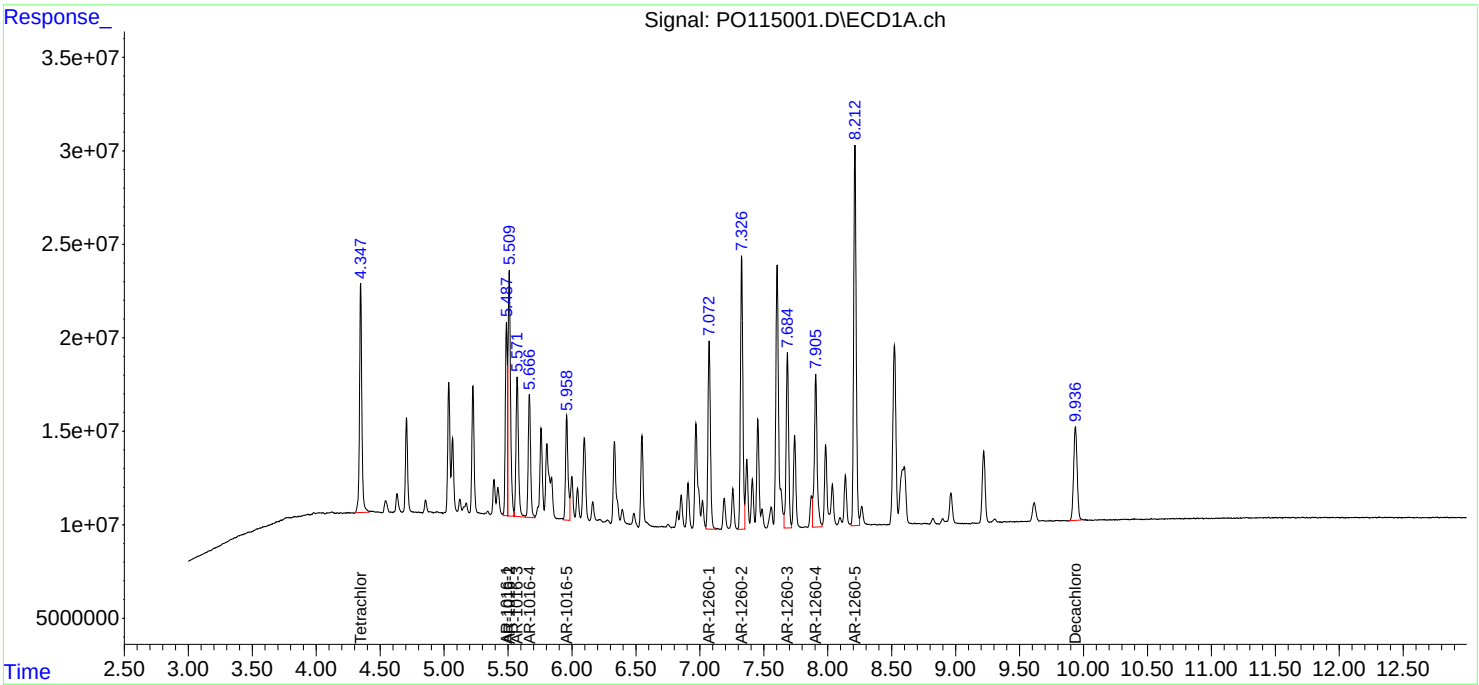
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

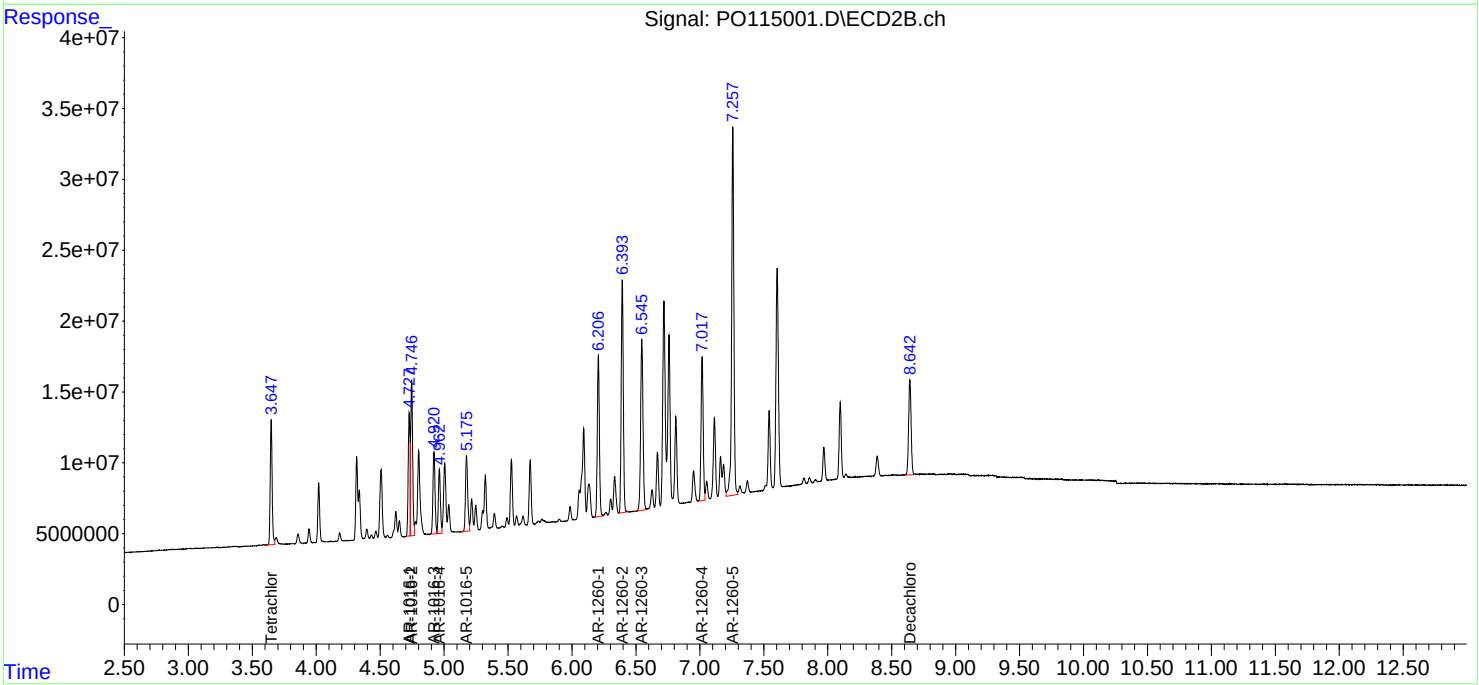
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:09
Operator : YP/AJ
Sample : PB170475BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170475BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 13:02:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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_O\Data\PO111125\
Data File : PO115003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:45
Operator : YP/AJ
Sample : Q3586-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:48:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.348	3.648	124.1E6	73655017	17.627	16.490
2)	SA Decachlor...	9.937	8.642	52976056	50605668	11.985	12.963
	Target Compounds						
3)	L1 AR-1016-1	5.488	4.727	97231048	72550242	395.216	381.331
4)	L1 AR-1016-2	5.509	4.746	152.3E6	103.7E6	383.592	383.013
5)	L1 AR-1016-3	5.572	4.921	86848876	56604831	389.455	382.534
6)	L1 AR-1016-4	5.667	4.963	74088361	43806099	392.261	373.079
7)	L1 AR-1016-5	5.959	5.175	66903548	56570108	375.447	370.433
31)	L7 AR-1260-1	7.073	6.206	108.0E6	104.3E6	353.416	352.335
32)	L7 AR-1260-2	7.327	6.394	142.5E6	149.0E6	359.837	346.548
33)	L7 AR-1260-3	7.685	6.546	98000528	121.4E6	295.344	345.722
34)	L7 AR-1260-4	7.907	7.018	97384649	90890646	319.273	299.941
35)	L7 AR-1260-5	8.213	7.259	216.1E6	241.5E6	303.044	293.974

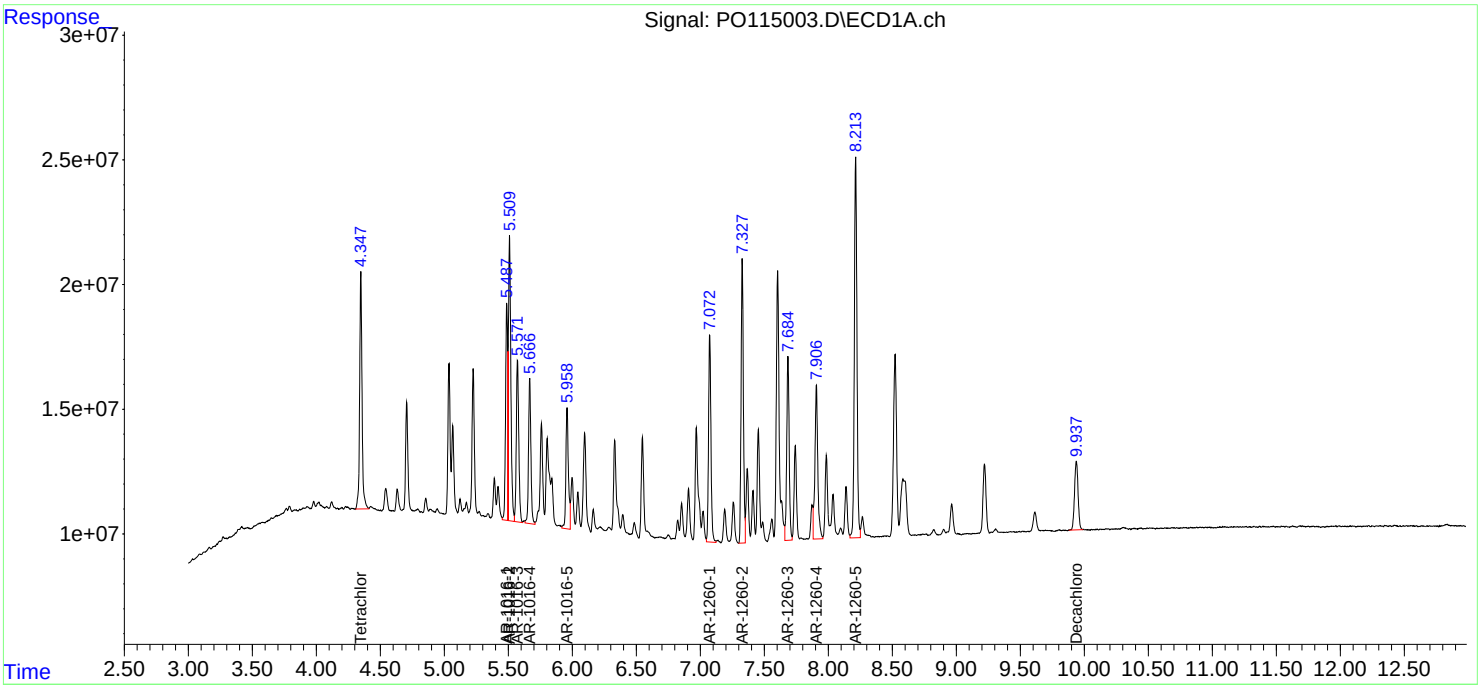
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

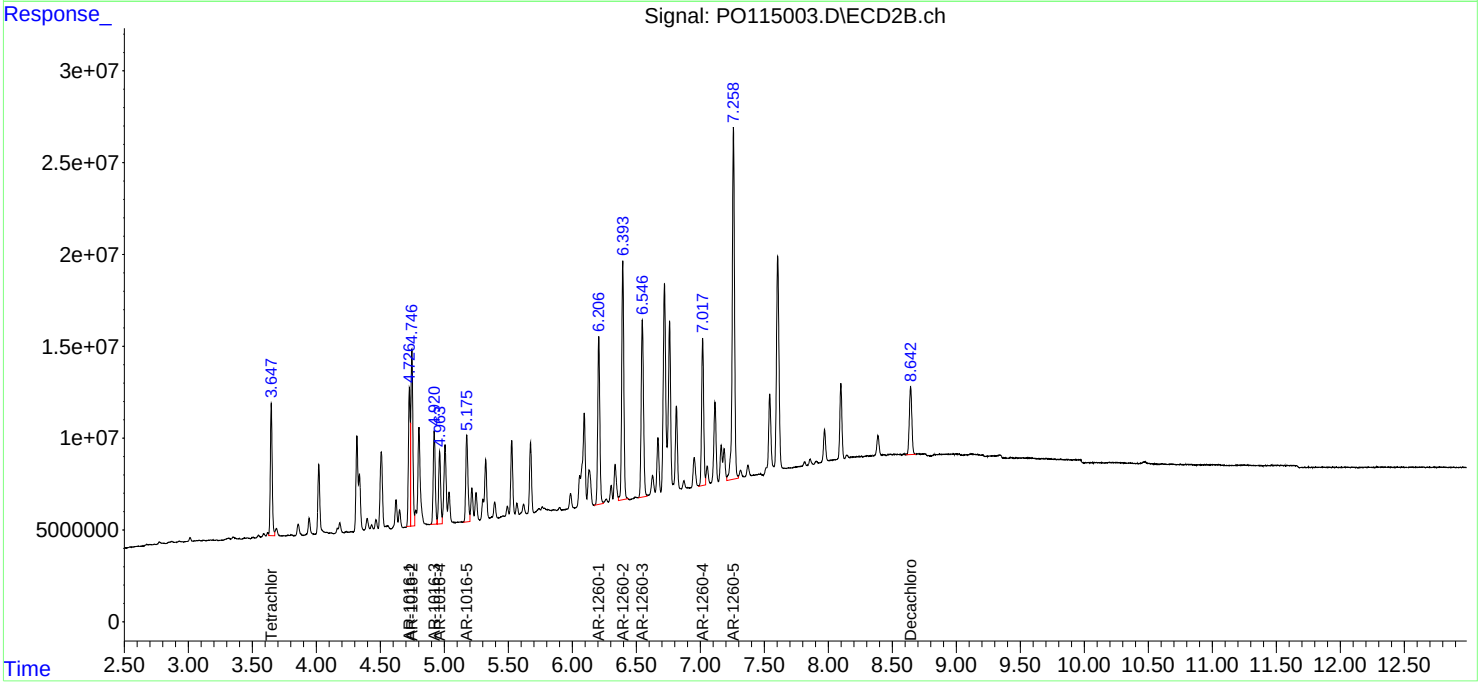
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 12:45
Operator : YP/AJ
Sample : Q3586-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:48:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:04
Operator : YP/AJ
Sample : Q3586-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:48:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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...	4.349	3.649	131.1E6	80243765	18.624	17.965
2)	SA Decachlor...	9.935	8.643	56662301	56508351	12.819	14.475
	Target Compounds						
3)	L1 AR-1016-1	5.488	4.728	102.3E6	78990138	415.919	415.179
4)	L1 AR-1016-2	5.510	4.747	163.2E6	112.4E6	410.903	415.098
5)	L1 AR-1016-3	5.572	4.921	93282345	61994918	418.305	418.961
6)	L1 AR-1016-4	5.667	4.964	80279158	47459389	425.038	404.192
7)	L1 AR-1016-5	5.959	5.176	71595260	61413921	401.776	402.151
31)	L7 AR-1260-1	7.073	6.206	115.2E6	113.5E6	376.882	383.346
32)	L7 AR-1260-2	7.327	6.394	155.2E6	158.2E6	391.981	367.927
33)	L7 AR-1260-3	7.685	6.546	106.3E6	131.6E6	320.225	374.788
34)	L7 AR-1260-4	7.906	7.018	106.2E6	98958180	348.074	326.564
35)	L7 AR-1260-5	8.213	7.259	232.0E6	263.3E6	325.251	320.451

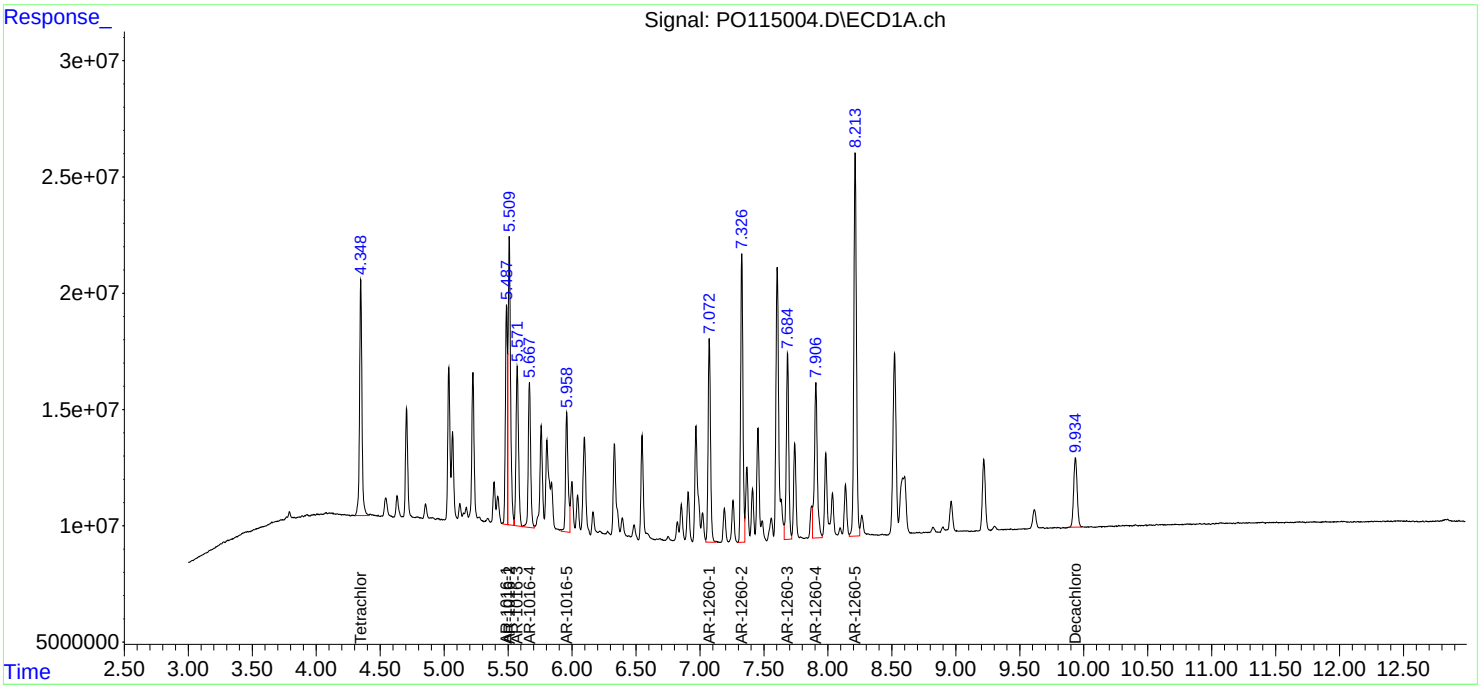
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

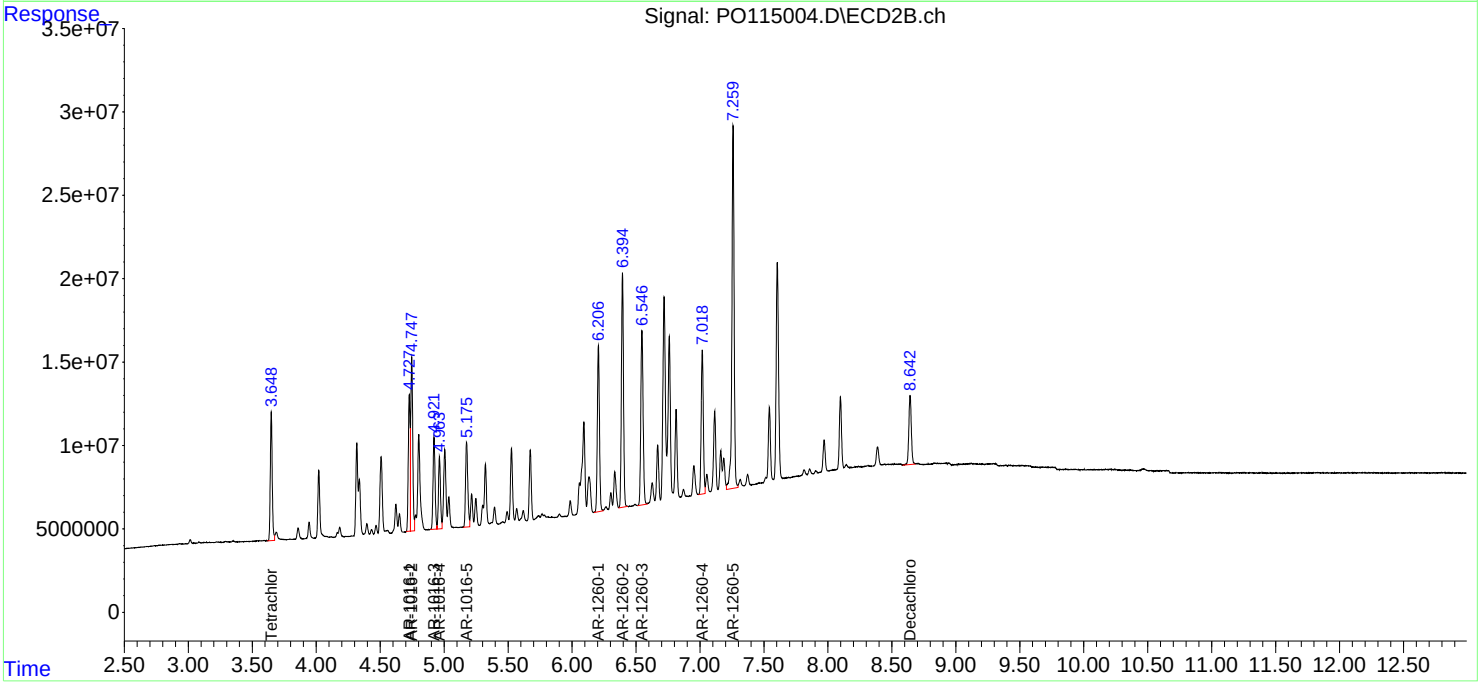
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 13:04
Operator : YP/AJ
Sample : Q3586-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SED-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:48:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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





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

Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO114874.D	AR-1260-1 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC250	PO114874.D	AR-1260-2 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-3 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-5 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-3	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-4	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1242ICC050	PO114882.D	AR-1242-5 #2	rahul	11/5/2025 8:39:51 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-1	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-2	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO114892.D	AR-1254-4	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	Decachlorobiphenyl	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1268ICC250	PO114897.D	AR-1268-1 #2	rahul	11/5/2025 8:40:09 AM	yogesh	11/5/2025 10:22:13	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-1	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-2	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-3	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-4	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po111125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115026.D	AR-1242-1	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-2	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-3	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-4	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114994.D	11 Nov 2025 09:40	YP/AJ	Ok
2	AR1660CCC500	PO114995.D	11 Nov 2025 09:58	YP/AJ	Ok
3	AR1242CCC500	PO114996.D	11 Nov 2025 10:23	YP/AJ	Ok
4	AR1248CCC500	PO114997.D	11 Nov 2025 10:42	YP/AJ	Ok
5	AR1254CCC500	PO114998.D	11 Nov 2025 11:00	YP/AJ	Ok
6	I.BLK	PO114999.D	11 Nov 2025 11:18	YP/AJ	Ok
7	PB170475BL	PO115000.D	11 Nov 2025 11:50	YP/AJ	Ok
8	PB170475BS	PO115001.D	11 Nov 2025 12:09	YP/AJ	Ok
9	Q3586-01	PO115002.D	11 Nov 2025 12:27	YP/AJ	Ok
10	Q3586-01MS	PO115003.D	11 Nov 2025 12:45	YP/AJ	Ok
11	Q3586-01MSD	PO115004.D	11 Nov 2025 13:04	YP/AJ	Ok
12	Q3586-02	PO115005.D	11 Nov 2025 13:22	YP/AJ	Ok
13	Q3586-03	PO115006.D	11 Nov 2025 13:40	YP/AJ	Ok
14	Q3590-01	PO115007.D	11 Nov 2025 13:59	YP/AJ	Ok,M
15	Q3590-03	PO115008.D	11 Nov 2025 14:17	YP/AJ	Ok
16	Q3590-05	PO115009.D	11 Nov 2025 14:36	YP/AJ	Ok,M
17	AR1660CCC500	PO115010.D	11 Nov 2025 15:49	YP/AJ	Ok
18	AR1242CCC500	PO115011.D	11 Nov 2025 16:07	YP/AJ	Ok
19	AR1248CCC500	PO115012.D	11 Nov 2025 16:26	YP/AJ	Ok
20	AR1254CCC500	PO115013.D	11 Nov 2025 16:44	YP/AJ	Ok
21	I.BLK	PO115014.D	11 Nov 2025 17:03	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170484BL	PO115015.D	11 Nov 2025 17:21	YP/AJ	Ok
23	PB170484BS	PO115016.D	11 Nov 2025 17:39	YP/AJ	Ok
24	PB170484BSD	PO115017.D	11 Nov 2025 17:58	YP/AJ	Ok
25	Q3551-01	PO115018.D	11 Nov 2025 18:16	YP/AJ	Ok
26	Q3561-01	PO115019.D	11 Nov 2025 18:34	YP/AJ	Dilution
27	Q3569-01	PO115020.D	11 Nov 2025 18:53	YP/AJ	Ok
28	Q3569-02	PO115021.D	11 Nov 2025 19:11	YP/AJ	Ok
29	Q3584-01	PO115022.D	11 Nov 2025 19:30	YP/AJ	Ok
30	Q3584-02	PO115023.D	11 Nov 2025 19:48	YP/AJ	Ok
31	Q3595-01	PO115024.D	11 Nov 2025 20:05	YP/AJ	Ok,M
32	AR1660CCC500	PO115025.D	11 Nov 2025 21:19	YP/AJ	Ok
33	AR1242CCC500	PO115026.D	11 Nov 2025 22:14	YP/AJ	Ok,M
34	AR1248CCC500	PO115027.D	11 Nov 2025 22:32	YP/AJ	Ok
35	AR1254CCC500	PO115028.D	11 Nov 2025 22:51	YP/AJ	Ok
36	I.BLK	PO115029.D	11 Nov 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_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114869.D	04 Nov 2025 09:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO114870.D	04 Nov 2025 09:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114872.D	04 Nov 2025 09:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114873.D	04 Nov 2025 10:16		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114874.D	04 Nov 2025 10:34		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO114875.D	04 Nov 2025 10:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114876.D	04 Nov 2025 11:11		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114877.D	04 Nov 2025 11:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114879.D	04 Nov 2025 12:06		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114880.D	04 Nov 2025 12:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114881.D	04 Nov 2025 12:42		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114882.D	04 Nov 2025 13:00		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114884.D	04 Nov 2025 13:37		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114885.D	04 Nov 2025 13:56		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114886.D	04 Nov 2025 14:14		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO114887.D	04 Nov 2025 14:33		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114889.D	04 Nov 2025 15:09		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114890.D	04 Nov 2025 15:28		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114891.D	04 Nov 2025 16:04		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114892.D	04 Nov 2025 16:23		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO114893.D	04 Nov 2025 17:00		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114895.D	04 Nov 2025 17:36		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114896.D	04 Nov 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114897.D	04 Nov 2025 18:13		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114898.D	04 Nov 2025 18:31		YP/AJ	Ok
31	PO110425ICV500	ICVPO110425	PO114899.D	04 Nov 2025 19:08		YP/AJ	Ok
32	AR1242ICV500	ICVPO110425AR1242	PO114900.D	04 Nov 2025 20:21		YP/AJ	Ok,M
33	AR1248ICV500	ICVPO110425AR1248	PO114901.D	04 Nov 2025 20:58		YP/AJ	Ok
34	AR1254ICV500	ICVPO110425AR1254	PO114902.D	04 Nov 2025 21:35		YP/AJ	Ok
35	AR1268ICV500	ICVPO110425AR1268	PO114903.D	04 Nov 2025 22:12		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114904.D	04 Nov 2025 22:48		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114994.D	11 Nov 2025 09:40		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114995.D	11 Nov 2025 09:58		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114996.D	11 Nov 2025 10:23		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114997.D	11 Nov 2025 10:42		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114998.D	11 Nov 2025 11:00		YP/AJ	Ok
6	I.BLK	I.BLK	PO114999.D	11 Nov 2025 11:18		YP/AJ	Ok
7	PB170475BL	PB170475BL	PO115000.D	11 Nov 2025 11:50		YP/AJ	Ok
8	PB170475BS	PB170475BS	PO115001.D	11 Nov 2025 12:09		YP/AJ	Ok
9	Q3586-01	SED-1	PO115002.D	11 Nov 2025 12:27		YP/AJ	Ok
10	Q3586-01MS	SED-1MS	PO115003.D	11 Nov 2025 12:45		YP/AJ	Ok
11	Q3586-01MSD	SED-1MSD	PO115004.D	11 Nov 2025 13:04		YP/AJ	Ok
12	Q3586-02	SED-2	PO115005.D	11 Nov 2025 13:22		YP/AJ	Ok
13	Q3586-03	SED-3	PO115006.D	11 Nov 2025 13:40		YP/AJ	Ok
14	Q3590-01	MOO-25-0314-0316-C(	PO115007.D	11 Nov 2025 13:59		YP/AJ	Ok,M
15	Q3590-03	MOO-25-0317-0318-C(	PO115008.D	11 Nov 2025 14:17		YP/AJ	Ok
16	Q3590-05	MOO-25-0319	PO115009.D	11 Nov 2025 14:36		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO115010.D	11 Nov 2025 15:49		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO115011.D	11 Nov 2025 16:07		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO115012.D	11 Nov 2025 16:26		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO115013.D	11 Nov 2025 16:44		YP/AJ	Ok
21	I.BLK	I.BLK	PO115014.D	11 Nov 2025 17:03		YP/AJ	Ok
22	PB170484BL	PB170484BL	PO115015.D	11 Nov 2025 17:21		YP/AJ	Ok
23	PB170484BS	PB170484BS	PO115016.D	11 Nov 2025 17:39		YP/AJ	Ok
24	PB170484BSD	PB170484BSD	PO115017.D	11 Nov 2025 17:58		YP/AJ	Ok
25	Q3551-01	MANHOLE	PO115018.D	11 Nov 2025 18:16		YP/AJ	Ok
26	Q3561-01	1027-A-D	PO115019.D	11 Nov 2025 18:34	TCMX high in 2nd column , AR1248 hit , need 2x dilution	YP/AJ	Dilution
27	Q3569-01	MW-2	PO115020.D	11 Nov 2025 18:53		YP/AJ	Ok
28	Q3569-02	MW-12	PO115021.D	11 Nov 2025 19:11		YP/AJ	Ok
29	Q3584-01	SW-1	PO115022.D	11 Nov 2025 19:30		YP/AJ	Ok
30	Q3584-02	SW-2	PO115023.D	11 Nov 2025 19:48		YP/AJ	Ok
31	Q3595-01	LAW-25-0176	PO115024.D	11 Nov 2025 20:05		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO115025.D	11 Nov 2025 21:19		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO115026.D	11 Nov 2025 22:14		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO115027.D	11 Nov 2025 22:32		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO115028.D	11 Nov 2025 22:51		YP/AJ	Ok
36	I.BLK	I.BLK	PO115029.D	11 Nov 2025 23:09		YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170475

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	11/11/2025
Matrix :	Solid			**Extraction Start Time :**	08:20
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	11/11/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	11:35
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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	PP24930
Surrogate	1.0ML	200 PPB	PP24663
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	EP2660
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
H2SO4 1:1	N/A	EP2657
Sand	N/A	E3951
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 # 03-40BTS721. Q3590-01,03,05 used Limited volume as sample is Oily Debris+Small Particles.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext Lab)	Y.P.Pegtap 63.
11:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170475

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170475BL	ABLK475	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170475BS	ALCS475	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3581-01	VNJ-238	PCB	30.06	N/A	ritesh	Evelyn	10	F		3
Q3581-03	VNJ-245	PCB	30.09	N/A	ritesh	Evelyn	10	F		4
Q3581-05	VNJ-240	PCB	30.08	N/A	ritesh	Evelyn	10	F		5
Q3581-07	RBR200059	PCB	30.04	N/A	ritesh	Evelyn	10	F		6
Q3582-04	RT4912	PCB	30.05	N/A	ritesh	Evelyn	10	F		U2-1
Q3583-04	CHRT27080	PCB	30.02	N/A	ritesh	Evelyn	10	E	Sludge	2
Q3586-01	SED-1	PCB	30.03	N/A	ritesh	Evelyn	10	H		3
Q3586-01MS	SED-1MS	PCB	30.06	N/A	ritesh	Evelyn	10	H		4
Q3586-01MSD	SED-1MSD	PCB	30.09	N/A	ritesh	Evelyn	10	H		5
Q3586-02	SED-2	PCB	30.05	N/A	ritesh	Evelyn	10	H		6
Q3586-03	SED-3	PCB	30.03	N/A	ritesh	Evelyn	10	H		U3-1
Q3587-01	NB-08-110725	PCB	30.04	N/A	ritesh	Evelyn	10	E		2
Q3588-01	TR-06-11072025	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q3588-03	TR-01-11072025	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q3590-01	MOO-25-0314-0316-COMP	PCB	5.02	N/A	ritesh	Evelyn	10	F	Oily Debris + Soil	5
Q3590-03	MOO-25-0317-0318-COMP	PCB	5.06	N/A	ritesh	Evelyn	10	E	Oily Debris + Small Particles	6
Q3590-05	MOO-25-0319-COMP	PCB	5.03	N/A	ritesh	Evelyn	10	E	Oily Debris	U4-1
Q3592-01	11625	PCB	30.01	N/A	ritesh	Evelyn	10	E	Concrete	2
Q3593-04	A-LAW-25-0167-0175-COMP	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q3593-06	B-LAW-25-0167-0175-COMP	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q3593-08	C-LAW-25-0167-0175-COMP	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q3593-10	D-LAW-25-0156-0166-COMP	PCB	30.02	N/A	ritesh	Evelyn	10	E		6

RJ 11/11

* **Extracts relinquished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3581 **WorkList ID :** 193028 **Department :** Extraction **Date :** 11-11-2025 08:13:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3581-03	VNJ-245	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3581-05	VNJ-240	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3581-07	RBR200059	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3582-04	RT4912	Solid	PCB	Cool 4 deg C	PSEG03	D31	11/07/2025	8082A
Q3583-04	CHRT27080	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3586-01	SED-1	Solid	PCB	Cool 4 deg C	REMI02	D31	11/06/2025	8082A
Q3586-02	SED-2	Solid	PCB	Cool 4 deg C	REMI02	D31	11/06/2025	8082A
Q3586-03	SED-3	Solid	PCB	Cool 4 deg C	REMI02	D31	11/06/2025	8082A
Q3587-01	NB-08-110725	Solid	PCB	Cool 4 deg C	PSEG05	D41	11/07/2025	8082A
Q3588-01	TR-06-11072025	Solid	PCB	Cool 4 deg C	PSEG05	D41	11/07/2025	8082A
Q3588-03	TR-01-11072025	Solid	PCB	Cool 4 deg C	PSEG05	D41	11/07/2025	8082A
Q3590-01	MOO-25-0314-0316-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3590-03	MOO-25-0317-0318-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3590-05	MOO-25-0319-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3592-01	11625	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A

Date/Time 11/11/25 8:15
Raw Sample Received by: RJ (ATech)
Raw Sample Relinquished by: SRM

Date/Time 11/11/25 8:52
Raw Sample Received by: SRM
Raw Sample Relinquished by: RJ (ATech)

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.9
Sample Wt/Vol:	30.04 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.26	J	1	0.22	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Total AliphaticEPH	Total AliphaticEPH	3.79	J		3.31	9.54	mg/kg			
Total AromaticEPH	Total AromaticEPH	6.84	J		3.08	9.53	mg/kg			
Total EPH	Total EPH	10.6	J		6.39	19.1	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	62.9
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	45.7			40 - 140	91%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	48.5			40 - 140	97%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.1			40 - 140	78%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FF016722.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	246554	1.868	200	ug/ml
Aromatic C12-C16	6.379	9.083	5728768	42.383	300	ug/ml
Aromatic C16-C21	9.084	13.405	2711844	20.277	500	ug/ml
Aromatic C21-C36	13.406	18.870	676517	5.749	800	ug/ml
Aromatic EPH	4.502	18.870	9363683	70.277		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5739038	39.08		ug/ml
2-Bromonaphthalene (SURR)	8.009	8.009	5178641	45.7		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	3463002	48.55		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	62.9
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.26	J	1	0.22	1.59	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	42.5			40 - 140	85%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FG016929.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	295464	2.422	300	ug/ml
Aliphatic C12-C16	6.902	10.358	397266	3.234	200	ug/ml
Aliphatic C16-C21	10.359	13.749	315151	2.38	300	ug/ml
Aliphatic C21-C28	13.750	17.436	536859	3.861	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3158969	27.76	600	ug/ml
Aliphatic EPH	3.260	22.460	4703709	39.657		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	5117800	42.49		ug/ml
Aliphatic C9-C28	3.260	17.436	1544740	11.897	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	41.4
Sample Wt/Vol:	30.08 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.56	J	1	0.34	2.41	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.27	1.61	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.99	J	1	0.31	2.41	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.31	J	1	1.28	3.21	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	5.57		1	2.84	4.82	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.29	1.61	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.99	J	1	0.55	2.41	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C16-C21	Aromatic C16-C21	9.51		1	0.96	4.02	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.87	U	1	2.87	6.42	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Total AliphaticEPH	Total AliphaticEPH	9.25	J		5.04	14.5	mg/kg			
Total AromaticEPH	Total AromaticEPH	10.9	J		4.68	14.5	mg/kg			
Total EPH	Total EPH	20.2	J		9.71	28.9	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	41.4
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.29	1.61	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.99	J	1	0.55	2.41	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	9.51		1	0.96	4.02	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.87	U	1	2.87	6.42	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	46.5			40 - 140	93%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	49.5			40 - 140	99%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.5			40 - 140	59%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-02	Acq On:	17 Nov 2025 18:31
Client Sample ID:	SED-2	Operator:	YP\AJ
Data file:	FF016723.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	349642	2.65	200	ug/ml
Aromatic C12-C16	6.379	9.083	829078	6.134	300	ug/ml
Aromatic C16-C21	9.084	13.405	7920540	59.222	500	ug/ml
Aromatic C21-C36	13.406	18.870	1394935	11.855	800	ug/ml
Aromatic EPH	4.502	18.870	10494195	79.86		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	4332904	29.51		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5264631	46.46		ug/ml
2-Flurobiphenyl (SURR)	8.885	8.885	3530106	49.5		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	41.4
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.56	J	1	0.34	2.41	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.27	1.61	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.99	J	1	0.31	2.41	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.31	J	1	1.28	3.21	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	5.57		1	2.84	4.82	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-02	Acq On:	17 Nov 2025 18:31
Client Sample ID:	SED-2	Operator:	YP\AJ
Data file:	FG016930.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	426808	3.498	300	ug/ml
Aliphatic C12-C16	6.902	10.358	626107	5.096	200	ug/ml
Aliphatic C16-C21	10.359	13.749	818695	6.184	300	ug/ml
Aliphatic C21-C28	13.750	17.436	1133960	8.156	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3948627	34.7	600	ug/ml
Aliphatic EPH	3.260	22.460	6954197	57.634		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	4466629	37.09		ug/ml
Aliphatic C9-C28	3.260	17.436	3005570	22.934	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.27	1.96	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.22	1.31	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.26	1.96	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.28	J	1	1.04	2.61	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	4.64		1	2.31	3.92	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.25	J	1	0.24	1.31	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.66		1	0.45	1.96	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.53	J	1	0.78	3.27	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.33	U	1	2.33	5.23	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Total AliphaticEPH	Total AliphaticEPH	7.09	J		4.09	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	7.44	J		3.80	11.8	mg/kg			
Total EPH	Total EPH	14.5	J		7.89	23.5	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.25	J	1	0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.66		1	0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.53	J	1	0.78	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.33	U	1	2.33	5.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.6			40 - 140	111%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	59.1			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	47.4			40 - 140	95%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-03	Acq On:	17 Nov 2025 19:01
Client Sample ID:	SED-3	Operator:	YP\AJ
Data file:	FF016724.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	251867	1.909	200	ug/ml
Aromatic C12-C16	6.379	9.083	4815581	35.627	300	ug/ml
Aromatic C16-C21	9.084	13.405	2587692	19.348	500	ug/ml
Aromatic C21-C36	13.406	18.870	890465	7.568	800	ug/ml
Aromatic EPH	4.502	18.870	8545605	64.452		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	6303217	55.62		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	4211923	59.06		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	6957013	47.37		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.27	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.28	J	1	1.04	2.61	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	4.64		1	2.31	3.92	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	69.0			40 - 140	138%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03	Acq On:	20 Nov 2025 13:13
Client Sample ID:	SED-3	Operator:	YP\AJ
Data file:	FG016958.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	358158	2.936	300	ug/ml
Aliphatic C12-C16	6.900	10.356	317338	2.583	200	ug/ml
Aliphatic C16-C21	10.357	13.743	452789	3.42	300	ug/ml
Aliphatic C21-C28	13.744	17.429	1366892	9.831	400	ug/ml
Aliphatic C28-C40	17.430	22.445	4037262	35.479	600	ug/ml
Aliphatic EPH	3.258	22.445	6532439	54.249		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.483	13.483	8310854	69.01		ug/ml
Aliphatic C9-C28	3.258	17.429	2495177	18.77	1200	ug/ml

QC SUMMARY

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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FF111725AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB170577BL	101	106	80	0
PB170577BS	118	119	87	0
PB170577BSD	107	109	79	0
SED-1	91	97	78	0
SED-2	93	99	59	0
SED-3	111	118	95	0
SED-3MS	94	100	69	0
SED-3MSD	96	103	71	0

	QC LIMITS
2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FG111725AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170577BS	49			0
PB170577BSD	50			0
SED-1	85			0
SED-2	74			0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FG112025AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170577BL	50			0
SED-3	138			0
SED-3MS	112			0
SED-3MSD	110			0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : Q3586-03MS **Datafile:** FF016726.D **Client ID :** SED-3MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	13.1	0.25	8.12	60		(40-140)
Aromatic C12-C16	19.6	4.66	13.6	46		(40-140)
Aromatic C16-C21	32.7	2.53	27.8	77		(40-140)
Aromatic C21-C36	52.3	0	44.9	86		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
1,2,3-Trimethylbenzene (C10.1)	6.5	0.0174	3.9777	61		(40-140)
Naphthalene (C11.7)	6.5	0.0256	3.8270	58		(40-140)
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.5596	54		(40-140)
Acenaphthylene (C15.06)	6.5	0.0198	4.1275	63		(40-140)
Acenaphthene (C15.5)	6.5	0.0000	4.2303	65		(40-140)
Flouorene (C16.55)	6.5	0.0116	4.6282	71		(40-140)
Phenanthrene (C19.36)	6.5	0.0074	4.6796	72		(40-140)
Anthracene (C19.43)	6.5	0.0042	4.7788	73		(40-140)
Pyrene (C20.8)	6.5	0.0000	4.5427	70		(40-140)
Fluoranthene (C21.85)	6.5	0.0612	4.6476	71		(40-140)
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.1470	171	*	(40-140)
Chrysene (C27.41)	6.5	0.0397	8.9965	138		(40-140)
Bnezo[k]fluoranthene (C30.14)	6.5	0.0172	9.5714	147	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.1114	139		(40-140)
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.5194	162	*	(40-140)
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.1313	79		(40-140)
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.6971	87		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	13.9442	213	*	(40-140)

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : Q3586-03MSD **Datafile:** FF016727.D **Client ID :** SED-3MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	13.1	0.25	8.32	62		2.3 | (40-140)	50
Aromatic C12-C16	19.6	4.66	14.0	48		4.29 | (40-140)	50
Aromatic C16-C21	32.7	2.53	33.7	95		20 | (40-140)	50
Aromatic C21-C36	52.4	0	46.2	88		2.76 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	6.5	0.0174	4.0914	63		3.23 | (40-140)	50
Naphthalene (C11.7)	6.5	0.0256	3.9334	60		3.39 | (40-140)	50
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.6731	56		3.64 | (40-140)	50
Acenaphthylene (C15.06)	6.5	0.0198	4.2409	65		3.13 | (40-140)	50
Acenaphthene (C15.5)	6.5	0.0000	4.3457	67		3.03 | (40-140)	50
Flouorene (C16.55)	6.5	0.0116	4.7286	73		2.78 | (40-140)	50
Phenanthrene (C19.36)	6.5	0.0074	4.8057	74		2.74 | (40-140)	50
Anthracene (C19.43)	6.5	0.0042	4.9010	75		2.7 | (40-140)	50
Pyrene (C20.8)	6.5	0.0000	4.6533	72		2.82 | (40-140)	50
Fluoranthene (C21.85)	6.5	0.0612	4.7658	72		1.4 | (40-140)	50
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.4626	176	*	2.88 | (40-140)	50
Chrysene (C27.41)	6.5	0.0397	9.2512	142	*	2.86 | (40-140)	50
Bnezo[k]fluoranthene (C30.14)	6.5	0.0172	9.8341	151	*	2.68 | (40-140)	50
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.3972	144	*	3.53 | (40-140)	50
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.8082	166	*	2.44 | (40-140)	50
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.2704	81		2.5 | (40-140)	50
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.8548	90		3.39 | (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	14.3815	220	*	3.23 | (40-140)	50

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : Q3586-03MS **Datafile:** FG016960.D **Client ID :** SED-3MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	19.6	0.38	9.59	47		(40-140)
Aliphatic C12-C16	13.1	0.34	8.55	63		(40-140)
Aliphatic C16-C21	19.6	0.45	13.9	68		(40-140)
Aliphatic C21-C28	26.2	1.28	17.2	61		(40-140)
Aliphatic C28-C40	39.3	4.64	26.9	57		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	6.5	0.0085	2.6093	40		(40-140)
n-Decane (C10)	6.5	0.0231	3.1071	47		(40-140)
Naphthalene (C11.7)	6.5	0.0100	0.0127	0	*	(40-140)
n-Dodecane (C12)	6.5	0.0412	3.4882	53		(40-140)
2-methylnaphthalene (C12.89)	6.5	0.0167	0.0214	0	*	(40-140)
n-Tetradecane (C14)	6.5	0.0387	3.8635	59		(40-140)
n-Hexadecane (C16)	6.5	0.0242	4.2604	65		(40-140)
n-Octadecane (C18)	6.5	0.0460	4.4257	67		(40-140)
n-Eicosane (C20)	6.5	0.0478	4.5381	69		(40-140)
n-Heneicosane (C21)	6.5	0.0828	4.6036	70		(40-140)
n-Docosane (C22)	6.5	0.1224	4.4766	67		(40-140)
n-Tetracosane (C24)	6.6	0.0998	4.2681	63		(40-140)
n-Hexacosane (C26)	6.5	0.1113	4.1255	62		(40-140)
n-Octacosane (C28)	6.5	0.1280	3.9400	59		(40-140)
n-Tricontane (C30)	6.5	0.1491	3.6114	53		(40-140)
n-Dotriacontane (C32)	6.5	0.1422	3.5159	52		(40-140)
n-Tetratriacontane (C34)	6.5	0.1643	3.8081	56		(40-140)
n-Hexatriacontane (C36)	6.5	0.2172	4.5077	66		(40-140)
n-Octatriacontane (C38)	6.5	0.2855	5.2253	76		(40-140)
n-Tetracontane (C40)	6.5	0.0888	5.0576	76		(40-140)

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : Q3586-03MSD **Datafile:** FG016961.D **Client ID :** SED-3MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	19.6	0.38	9.47	46		1.29 |	(40-140)	50
Aliphatic C12-C16	13.1	0.34	8.48	62		0.96 |	(40-140)	50
Aliphatic C16-C21	19.6	0.45	13.7	68		1.47 |	(40-140)	50
Aliphatic C21-C28	26.2	1.28	16.9	60		1.99 |	(40-140)	50
Aliphatic C28-C40	39.3	4.64	26.7	56		0.89 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	6.5	0.0085	2.5740	39	*	2.53 |	(40-140)	50
n-Decane (C10)	6.5	0.0231	3.0639	47		0 |	(40-140)	50
Naphthalene (C11.7)	6.5	0.0100	0.0104	0	*	0 |	(40-140)	50
n-Dodecane (C12)	6.5	0.0412	3.4272	52		1.9 |	(40-140)	50
2-methylnaphthalene (C12.89)	6.5	0.0167	0.0160	0	*	0 |	(40-140)	50
n-Tetradecane (C14)	6.5	0.0387	3.8167	58		1.71 |	(40-140)	50
n-Hexadecane (C16)	6.5	0.0242	4.2067	64		1.55 |	(40-140)	50
n-Octadecane (C18)	6.5	0.0460	4.3541	66		1.5 |	(40-140)	50
n-Eicosane (C20)	6.5	0.0478	4.4893	68		1.46 |	(40-140)	50
n-Heneicosane (C21)	6.5	0.0828	4.5310	68		2.9 |	(40-140)	50
n-Docosane (C22)	6.5	0.1224	4.4342	66		1.5 |	(40-140)	50
n-Tetracosane (C24)	6.6	0.0998	4.1979	62		1.6 |	(40-140)	50
n-Hexacosane (C26)	6.5	0.1113	4.0650	61		1.63 |	(40-140)	50
n-Octacosane (C28)	6.5	0.1280	3.8824	58		1.71 |	(40-140)	50
n-Tricontane (C30)	6.5	0.1491	3.5522	52		1.9 |	(40-140)	50
n-Dotriacontane (C32)	6.5	0.1422	3.4580	51		1.94 |	(40-140)	50
n-Tetratriacontane (C34)	6.5	0.1643	3.7474	55		1.8 |	(40-140)	50
n-Hexatriacontane (C36)	6.5	0.2172	4.4555	65		1.53 |	(40-140)	50
n-Octatriacontane (C38)	6.5	0.2855	4.9740	72		5.41 |	(40-140)	50
n-Tetracontane (C40)	6.5	0.0888	4.9568	75		1.32 |	(40-140)	50

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

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : PB170577BS **Datafile:** FF016717.D **Client ID :** PB170577BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	5.25	79		(40-140)
Aromatic C12-C16	10	8.68	87		(40-140)
Aromatic C16-C21	16.7	15.1	91		(40-140)
Aromatic C21-C36	26.6	26.4	99		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	3.3	2.44449	74		(40-140)
Naphthalene (C11.7)	3.3	2.80427	85		(40-140)
2-Methylnaphthalene (C12.89)	3.3	2.69687	82		(40-140)
Acenaphthylene (C15.06)	3.3	2.98726	91		(40-140)
Acenaphthene (C15.5)	3.3	2.99460	91		(40-140)
Flouorene (C16.55)	3.3	3.17257	96		(40-140)
Phenanthrene (C19.36)	3.3	3.08636	94		(40-140)
Anthracene (C19.43)	3.3	2.84811	86		(40-140)
Fluoranthene (C21.85)	3.3	2.96688	90		(40-140)
Pyrene (C20.8)	3.3	2.95327	89		(40-140)
Benzo[a]anthracene (C26.37)	3.3	3.27523	99		(40-140)
Chrysene (C27.41)	3.3	3.18420	96		(40-140)
benzo[b]fluoranthene (C30.41)	3.3	3.35681	102		(40-140)
Bnezo[k]fluoranthene (C30.14)	3.3	3.13261	95		(40-140)
Benzo[a]pyrene (C31.34)	3.3	3.36007	102		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	4.65676	140		(40-140)
Dibenz[a,h]anthracene (C30.36)	3.3	2.85656	87		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.3	3.65312	111		(40-140)

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

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : PB170577BSD **Datafile:** FF016718.D **Client ID :** PB170577BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	4.78	72		9.4|	(40-140)	25
Aromatic C12-C16	10	7.91	79		9.3|	(40-140)	25
Aromatic C16-C21	16.7	13.7	82		9.8|	(40-140)	25
Aromatic C21-C36	26.6	24.2	91		9.6|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	3.3	2.22843	68		8.45|	(40-140)	25
Naphthalene (C11.7)	3.3	2.54983	77		9.88|	(40-140)	25
2-Methylnaphthalene (C12.89)	3.3	2.45250	74		10.26|	(40-140)	25
Acenaphthylene (C15.06)	3.3	2.72131	82		10.4|	(40-140)	25
Acenaphthene (C15.5)	3.3	2.73237	83		9.2|	(40-140)	25
Flouorene (C16.55)	3.3	2.91102	88		8.7|	(40-140)	25
Phenanthrene (C19.36)	3.3	2.80421	85		10.06|	(40-140)	25
Anthracene (C19.43)	3.3	2.60062	79		8.48|	(40-140)	25
Fluoranthene (C21.85)	3.3	2.68790	81		10.53|	(40-140)	25
Pyrene (C20.8)	3.3	2.67651	81		9.41|	(40-140)	25
Benzo[a]anthracene (C26.37)	3.3	2.95968	90		9.52|	(40-140)	25
Chrysene (C27.41)	3.3	2.88280	87		9.84|	(40-140)	25
benzo[b]fluoranthene (C30.41)	3.3	3.03739	92		10.31|	(40-140)	25
Bnezo[k]fluoranthene (C30.14)	3.3	2.86089	87		8.79|	(40-140)	25
Benzo[a]pyrene (C31.34)	3.3	3.04916	92		10.31|	(40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	4.28072	130		8.12|	(40-140)	25
Dibenz[a,h]anthracene (C30.36)	3.3	2.76091	84		3.51|	(40-140)	25
Benzo[g,h,i]perylene (C34.01)	3.3	3.28095	99		11.43|	(40-140)	25

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

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : PB170577BS **Datafile:** FG016927.D **Client ID :** PB170577BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.57	56		(40-140)
Aliphatic C12-C16	6.7	5.04	76		(40-140)
Aliphatic C16-C21	10	8.70	87		(40-140)
Aliphatic C21-C28	13.3	11.0	83		(40-140)
Aliphatic C28-C40	20.0	16.5	83		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.55454	47		(40-140)
n-Decane (C10)	3.3	1.87240	57		(40-140)
Naphthalene (C11.7)	3.3	0.00000	0	*	(40-140)
n-Dodecane (C12)	3.3	2.13160	65		(40-140)
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	(40-140)
n-Tetradecane (C14)	3.3	2.40658	73		(40-140)
n-Hexadecane (C16)	3.3	2.62515	80		(40-140)
n-Octadecane (C18)	3.3	2.76795	84		(40-140)
n-Eicosane (C20)	3.3	2.94637	89		(40-140)
n-Heneicosane (C21)	3.3	2.98377	90		(40-140)
n-Docosane (C22)	3.3	2.93712	89		(40-140)
n-Tetracosane (C24)	3.4	2.79723	82		(40-140)
n-Hexacosane (C26)	3.3	2.71760	82		(40-140)
n-Octacosane (C28)	3.3	2.60291	79		(40-140)
n-Tricontane (C30)	3.3	2.37443	72		(40-140)
n-Dotriacontane (C32)	3.3	2.31710	70		(40-140)
n-Tetratriacontane (C34)	3.3	2.52969	77		(40-140)
n-Hexatriacontane (C36)	3.3	2.93256	89		(40-140)
n-Octatriacontane (C38)	3.3	3.32705	101		(40-140)
n-Tetracontane (C40)	3.3	3.62189	110		(40-140)

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

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3586

Sample No : PB170577BSD **Datafile:** FG016928.D **Client ID :** PB170577BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	5.61	56		0.6|	(40-140)	25
Aliphatic C12-C16	6.7	5.07	76		0.52|	(40-140)	25
Aliphatic C16-C21	10	8.78	88		0.86|	(40-140)	25
Aliphatic C21-C28	13.3	11.1	83		0.85|	(40-140)	25
Aliphatic C28-C40	20.0	16.5	83		0.0544|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.56744	47		0|	(40-140)	25
n-Decane (C10)	3.3	1.88798	57		0|	(40-140)	25
Naphthalene (C11.7)	3.3	0.00000	0	*	0|	(40-140)	25
n-Dodecane (C12)	3.3	2.14813	65		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.42590	74		1.36|	(40-140)	25
n-Hexadecane (C16)	3.3	2.64323	80		0|	(40-140)	25
n-Octadecane (C18)	3.3	2.79630	85		1.18|	(40-140)	25
n-Eicosane (C20)	3.3	2.97445	90		1.12|	(40-140)	25
n-Heneicosane (C21)	3.3	3.01273	91		1.1|	(40-140)	25
n-Docosane (C22)	3.3	2.96219	90		1.12|	(40-140)	25
n-Tetracosane (C24)	3.4	2.82008	83		1.21|	(40-140)	25
n-Hexacosane (C26)	3.3	2.73810	83		1.21|	(40-140)	25
n-Octacosane (C28)	3.3	2.62078	79		0|	(40-140)	25
n-Tricontane (C30)	3.3	2.38649	72		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.32907	71		1.42|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.53547	77		0|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.93949	89		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.33514	101		0|	(40-140)	25
n-Tetracontane (C40)	3.3	3.63188	110		0|	(40-140)	25

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

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB170577BL

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3586
Instrument ID: FID_F
Lab Sample ID: PB170577BL
Matrix: (soil/water) Solid
Date Extracted: 11/17/2025 9:50:00
Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170577BS	PB170577BS
PB170577BSD	PB170577BSD
SED-1	Q3586-01
SED-2	Q3586-02
SED-3	Q3586-03
SED-3MS	Q3586-03MS
SED-3MSD	Q3586-03MSD

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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170577BL	SDG No.:	Q3586
Lab Sample ID:	PB170577BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.01	mg/kg			
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BL			SDG No.:	Q3586
Lab Sample ID:	PB170577BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	50.6			40 - 140	101%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	53.3			40 - 140	106%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	40.2			40 - 140	80%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170577BL	Acq On:	17 Nov 2025 16:34
Client Sample ID:	PB170577BL	Operator:	YP\AJ
Data file:	FF016719.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	0	0	200	ug/ml
Aromatic C12-C16	6.379	9.083	0	0	300	ug/ml
Aromatic C16-C21	9.084	13.405	0	0	500	ug/ml
Aromatic C21-C36	13.406	18.870	0	0	800	ug/ml
Aromatic EPH	4.502	18.870	0	0		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	5732178	50.58		ug/ml
2-Flurobiphenyl (SURR)	8.879	8.879	3797616	53.25		ug/ml
ortho-Terphenyl (SURR)	11.949	11.949	5908012	40.23		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BL			SDG No.:	Q3586
Lab Sample ID:	PB170577BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.8			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170577BL	Acq On:	20 Nov 2025 11:09
Client Sample ID:	PB170577BL	Operator:	YP\AJ
Data file:	FG016957.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	0	0	300	ug/ml
Aliphatic C12-C16	6.900	10.356	0	0	200	ug/ml
Aliphatic C16-C21	10.357	13.743	0	0	300	ug/ml
Aliphatic C21-C28	13.744	17.429	0	0	400	ug/ml
Aliphatic C28-C40	17.430	22.445	0	0	600	ug/ml
Aliphatic EPH	3.258	22.445	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.478	13.478	2987792	24.81		ug/ml
Aliphatic C9-C28	3.258	17.429	0	0	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170577BS	SDG No.:	Q3586
Lab Sample ID:	PB170577BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	5.57		1	0.14	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04		1	0.11	0.67	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70		1	0.13	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0		1	0.53	1.33	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aromatic C10-C12	Aromatic C10-C12	5.25		1	0.12	0.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68		1	0.23	1.00	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1		1	0.40	1.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4		1	1.19	2.66	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Total AliphaticEPH	Total AliphaticEPH	46.8			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	55.4			1.94	6.00	mg/kg			
Total EPH	Total EPH	102			4.03	12.0	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BS			SDG No.:	Q3586
Lab Sample ID:	PB170577BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	5.25		1	0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68		1	0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1		1	0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4		1	1.19	2.66	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	58.8			40 - 140	118%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	59.7			40 - 140	119%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	43.4			40 - 140	87%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170577BS	Acq On:	17 Nov 2025 15:00
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FF016717.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	10401850	78.824	200	ug/ml
Aromatic C12-C16	6.379	9.083	17623690	130.385	300	ug/ml
Aromatic C16-C21	9.084	13.405	30315057	226.666	500	ug/ml
Aromatic C21-C36	13.406	18.870	46709752	396.968	800	ug/ml
Aromatic EPH	4.502	18.870	105050349	832.843		ug/ml
2-Bromonaphthalene (SURR)	8.005	8.005	6657703	58.75		ug/ml
2-Flurobiphenyl (SURR)	8.883	8.883	4257234	59.69		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	6379745	43.44		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BS			SDG No.:	Q3586
Lab Sample ID:	PB170577BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	5.57		1	0.14	1.00	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04		1	0.11	0.67	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70		1	0.13	1.00	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0		1	0.53	1.33	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.6			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170577BS	Acq On:	17 Nov 2025 17:03
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FG016927.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	10197699	83.585	300	ug/ml
Aliphatic C12-C16	6.902	10.358	9288354	75.607	200	ug/ml
Aliphatic C16-C21	10.359	13.749	17291968	130.608	300	ug/ml
Aliphatic C21-C28	13.750	17.436	23062370	165.875	400	ug/ml
Aliphatic C28-C40	17.437	22.460	28152650	247.399	600	ug/ml
Aliphatic EPH	3.260	22.460	87993041	703.074		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	2963779	24.61		ug/ml
Aliphatic C9-C28	3.260	17.436	59840391	455.675	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170577BSD	SDG No.:	Q3586
Lab Sample ID:	PB170577BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	5.61		1	0.14	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.07		1	0.11	0.67	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.78		1	0.13	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.1		1	0.53	1.33	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aromatic C10-C12	Aromatic C10-C12	4.78		1	0.12	0.67	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C12-C16	Aromatic C12-C16	7.91		1	0.23	1.00	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C16-C21	Aromatic C16-C21	13.7		1	0.40	1.67	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C21-C36	Aromatic C21-C36	24.2		1	1.19	2.66	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Total AliphaticEPH	Total AliphaticEPH	47.1			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	50.6			1.94	6.00	mg/kg			
Total EPH	Total EPH	97.7			4.03	12.0	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BSD			SDG No.:	Q3586
Lab Sample ID:	PB170577BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.78		1	0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	7.91		1	0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	13.7		1	0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	24.2		1	1.19	2.66	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	53.6			40 - 140	107%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	54.5			40 - 140	109%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.6			40 - 140	79%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170577BSD	Acq On:	17 Nov 2025 15:30
Client Sample ID:	PB170577BSD	Operator:	YP\AJ
Data file:	FF016718.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	9466234	71.734	200	ug/ml
Aromatic C12-C16	6.379	9.083	16049820	118.741	300	ug/ml
Aromatic C16-C21	9.084	13.405	27586485	206.265	500	ug/ml
Aromatic C21-C36	13.406	18.870	42706384	362.945	800	ug/ml
Aromatic EPH	4.502	18.870	95808923	759.685		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5813344	39.59		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	6072329	53.58		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	3887536	54.51		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170577BSD			SDG No.:	Q3586
Lab Sample ID:	PB170577BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	5.61		1	0.14	1.00	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.07		1	0.11	0.67	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.78		1	0.13	1.00	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.1		1	0.53	1.33	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.8			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170577BSD	Acq On:	17 Nov 2025 17:32
Client Sample ID:	PB170577BSD	Operator:	YP\AJ
Data file:	FG016928.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	10276857	84.234	300	ug/ml
Aliphatic C12-C16	6.902	10.358	9354182	76.142	200	ug/ml
Aliphatic C16-C21	10.359	13.749	17455890	131.846	300	ug/ml
Aliphatic C21-C28	13.750	17.436	23234451	167.113	400	ug/ml
Aliphatic C28-C40	17.437	22.460	28239240	248.16	600	ug/ml
Aliphatic EPH	3.260	22.460	88560620	707.495		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	2989856	24.83		ug/ml
Aliphatic C9-C28	3.260	17.436	60321380	459.335	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	9.59		1	0.28	1.96	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.55		1	0.22	1.31	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.9		1	0.26	1.96	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	17.2		1	1.04	2.62	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1	2.32	3.93	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aromatic C10-C12	Aromatic C10-C12	8.12		1	0.24	1.31	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C12-C16	Aromatic C12-C16	13.6		1	0.45	1.96	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C16-C21	Aromatic C16-C21	27.8		1	0.79	3.27	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C21-C36	Aromatic C21-C36	44.9		1	2.34	5.23	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Total AliphaticEPH	Total AliphaticEPH	76.1			4.11	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	94.4			3.81	11.8	mg/kg			
Total EPH	Total EPH	171			7.92	23.6	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	8.12		1	0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	13.6		1	0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	27.8		1	0.79	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	44.9		1	2.34	5.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	46.9			40 - 140	94%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	50.2			40 - 140	100%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	34.5			40 - 140	69%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-03MS	Acq On:	17 Nov 2025 19:59
Client Sample ID:	SED-3MS	Operator:	YP\AJ
Data file:	FF016726.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	8187001	62.04	200	ug/ml
Aromatic C12-C16	6.379	9.083	14077774	104.151	300	ug/ml
Aromatic C16-C21	9.084	13.405	28459302	212.791	500	ug/ml
Aromatic C21-C36	13.406	18.870	40420856	343.521	800	ug/ml
Aromatic EPH	4.502	18.870	91144933	722.503		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5071986	34.54		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5315856	46.91		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	3581574	50.22		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	9.59		1	0.28	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.55		1	0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.9		1	0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	17.2		1	1.04	2.62	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1	2.32	3.93	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	56.1			40 - 140	112%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03MS	Acq On:	20 Nov 2025 14:56
Client Sample ID:	SED-3MS	Operator:	YP\AJ
Data file:	FG016960.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	8943130	73.302	300	ug/ml
Aliphatic C12-C16	6.900	10.356	8027210	65.341	200	ug/ml
Aliphatic C16-C21	10.357	13.743	14073690	106.3	300	ug/ml
Aliphatic C21-C28	13.744	17.429	18245505	131.23	400	ug/ml
Aliphatic C28-C40	17.430	22.445	23400015	205.634	600	ug/ml
Aliphatic EPH	3.258	22.445	72689550	581.807		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	6757299	56.11		ug/ml
Aliphatic C9-C28	3.258	17.429	49289535	376.173	1200	ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	9.47		1	0.28	1.96	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.48		1	0.22	1.31	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.7		1	0.26	1.96	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	16.9		1	1.04	2.62	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.7		1	2.32	3.93	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aromatic C10-C12	Aromatic C10-C12	8.32		1	0.24	1.31	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C12-C16	Aromatic C12-C16	14.0		1	0.45	1.96	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C16-C21	Aromatic C16-C21	33.7		1	0.79	3.27	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C21-C36	Aromatic C21-C36	46.2		1	2.34	5.24	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Total AliphaticEPH	Total AliphaticEPH	75.3			4.11	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	102			3.81	11.8	mg/kg			
Total EPH	Total EPH	177			7.92	23.6	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	8.32		1	0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	14.0		1	0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	33.7		1	0.79	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	46.2		1	2.34	5.24	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.1			40 - 140	96%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	51.5			40 - 140	103%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	35.5			40 - 140	71%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-03MSD	Acq On:	17 Nov 2025 20:29
Client Sample ID:	SED-3MSD	Operator:	YP\AJ
Data file:	FF016727.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	8388158	63.564	200	ug/ml
Aromatic C12-C16	6.379	9.083	14422567	106.702	300	ug/ml
Aromatic C16-C21	9.084	13.405	34414242	257.316	500	ug/ml
Aromatic C21-C36	13.406	18.870	41516220	352.83	800	ug/ml
Aromatic EPH	4.502	18.870	98741187	780.413		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5206037	35.45		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5451012	48.1		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	3671951	51.48		ug/ml

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	9.47		1	0.28	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.48		1	0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.7		1	0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	16.9		1	1.04	2.62	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.7		1	2.32	3.93	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	55.1			40 - 140	110%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03MSD	Acq On:	20 Nov 2025 15:41
Client Sample ID:	SED-3MSD	Operator:	YP\AJ
Data file:	FG016961.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	8824862	72.333	300	ug/ml
Aliphatic C12-C16	6.900	10.356	7960461	64.798	200	ug/ml
Aliphatic C16-C21	10.357	13.743	13856071	104.656	300	ug/ml
Aliphatic C21-C28	13.744	17.429	17985721	129.361	400	ug/ml
Aliphatic C28-C40	17.430	22.445	23171272	203.624	600	ug/ml
Aliphatic EPH	3.258	22.445	71798387	574.772		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.494	13.494	6637711	55.12		ug/ml
Aliphatic C9-C28	3.258	17.429	48627115	371.148	1200	ug/ml

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FF102925AR

AreaCount

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	24131913.000	13386713.000	5040685.000	2667636.000	1458921.000	
Aromatic C12-C16	37802464.000	20995951.000	7841716.000	4071240.000	2151729.000	
Aromatic C16-C21	49515248.000	27355440.000	10200929.000	5383694.000	2920927.000	
Aromatic C21-C36	93883793.000	53603904.000	20060725.000	10856127.000	5977071.000	
Aromatic EPH	205333418.000	115342008.000	43144055.000	22978697.000	12508648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	131963.544	7.217				
Aromatic C12-C16	135166.617333	5.177				
Aromatic C16-C21	133743.1265	6.467				
Aromatic C21-C36	117666.2035552	9.089				
Aromatic EPH	125744.1821106	7.5				

Concentration

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	120659.565000	133867.130000	126017.125000	133381.800000	145892.100000	
Aromatic C12-C16	126008.213333	139973.006666	130695.266666	135708.000000	143448.600000	
Aromatic C16-C21	123788.120000	136777.200000	127511.612500	134592.350000	146046.350000	
Aromatic C21-C36	104315.325555	119119.786666	111448.472222	120623.633333	132823.800000	
Aromatic EPH	114074.121111	128157.786666	119844.597222	127659.427777	138984.977777	

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

Inital Calibration Report for SequenceID : FG102925AL

AreaCount

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	34262467.000	18492584.000	7254295.000	3738287.000	1905143.000	
Aliphatic C12-C16	23563142.000	12790679.000	4920528.000	2484208.000	1213101.000	
Aliphatic C16-C21	36760469.000	20195600.000	7804680.000	4060755.000	2090588.000	
Aliphatic C21-C28	48743388.000	27416427.000	10278435.000	5677486.000	3316302.000	
Aliphatic C28-C40	57463919.000	32655580.000	12432103.000	7187522.000	4228641.000	
Aliphatic EPH	200793385.000	111550870.000	42690041.000	23148258.000	12753775.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	122003.2266662	4.004				
Aliphatic C12-C16	122851.24	3.023				
Aliphatic C16-C21	132396.2526664	4.852				
Aliphatic C21-C28	139034.6585	12.12				
Aliphatic C28-C40	113794.5446664	15.39				
Aliphatic EPH	124878.1566664	9.088				

Concentration

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	114208.223333	123283.893333	120904.916666	124609.566666	127009.533333	
Aliphatic C12-C16	117815.710000	127906.790000	123013.200000	124210.400000	121310.100000	
Aliphatic C16-C21	122534.896666	134637.333333	130078.000000	135358.500000	139372.533333	

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

Inital Calibration Report for SequenceID : FG102925AL

Aliphatic C21-C28	121858.470000	137082.135000	128480.437500	141937.150000	165815.100000	
Aliphatic C28-C40	95773.198333	108851.933333	103600.858333	119792.033333	140954.700000	
Aliphatic EPH	111551.880555	123945.411111	118583.447222	128601.433333	141708.611111	

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

Continuing Calibration Report for SequenceID : FF111725AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016716.D**						
Aromatic C10-C12	5495483.000	40.000	4.502	6.378	137387.075	131963.544	-4.110
Aromatic C12-C16	8357375.000	60.000	6.379	9.083	139289.583	135166.617	-3.050
Aromatic C16-C21	10464575.000	80.000	9.084	13.405	130807.188	133743.127	2.195
Aromatic C21-C36	22365155.000	180.000	13.406	18.870	124250.861	117666.204	-5.596
Aromatic EPH	46682588.000	360.000	4.502	18.870	129673.856	125744.182	-3.125

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

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	17 Nov 2025 14:20
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016716.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.502	6.378	5495483.000	40.000	ug/ml
Aromatic C12-C16	6.379	9.083	8357375.000	60.000	ug/ml
Aromatic C16-C21	9.084	13.405	10464575.000	80.000	ug/ml
Aromatic C21-C36	13.406	18.870	22365155.000	180.000	ug/ml
Aromatic EPH	4.502	18.870	46682588.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FF111725AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016731.D**						
Aromatic C10-C12	5413826.000	40.000	4.502	6.378	135345.650	131963.544	-2.563
Aromatic C12-C16	8196999.000	60.000	6.379	9.083	136616.650	135166.617	-1.073
Aromatic C16-C21	10258552.000	80.000	9.084	13.405	128231.900	133743.127	4.121
Aromatic C21-C36	22208488.000	180.000	13.406	18.870	123380.489	117666.204	-4.856
Aromatic EPH	46077865.000	360.000	4.502	18.870	127994.069	125744.182	-1.789

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

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	17 Nov 2025 22:56
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016731.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.502	6.378	5413826.000	40.000	ug/ml
Aromatic C12-C16	6.379	9.083	8196999.000	60.000	ug/ml
Aromatic C16-C21	9.084	13.405	10258552.000	80.000	ug/ml
Aromatic C21-C36	13.406	18.870	22208488.000	180.000	ug/ml
Aromatic EPH	4.502	18.870	46077865.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FG111725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016925.D**						
Aliphatic C9-C12	8312412.000	60.000	3.260	6.901	138540.200	122003.227	-13.555
Aliphatic C12-C16	5689870.000	40.000	6.902	10.358	142246.750	122851.240	-15.788
Aliphatic C16-C21	8956347.000	60.000	10.359	13.749	149272.450	132396.253	-12.747
Aliphatic C21-C28	11592307.000	80.000	13.750	17.436	144903.838	139034.659	-4.221
Aliphatic C28-C40	13646977.000	120.000	17.437	22.460	113724.808	113794.545	0.061
Aliphatic EPH	48197913.000	360.000	3.260	22.460	133883.092	124878.157	-7.211

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	17 Nov 2025 14:20
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016925.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.901	8312412.000	60.000	ug/ml
Aliphatic C12-C16	6.902	10.358	5689870.000	40.000	ug/ml
Aliphatic C16-C21	10.359	13.749	8956347.000	60.000	ug/ml
Aliphatic C21-C28	13.750	17.436	11592307.000	80.000	ug/ml
Aliphatic C28-C40	17.437	22.460	13646977.000	120.000	ug/ml
Aliphatic EPH	3.260	22.460	48197913.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FG111725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016938.D**						
Aliphatic C9-C12	7912613.000	60.000	3.260	6.901	131876.883	122003.227	-8.093
Aliphatic C12-C16	5407778.000	40.000	6.902	10.358	135194.450	122851.240	-10.047
Aliphatic C16-C21	8530754.000	60.000	10.359	13.749	142179.233	132396.253	-7.389
Aliphatic C21-C28	10984596.000	80.000	13.750	17.436	137307.450	139034.659	1.242
Aliphatic C28-C40	13085578.000	120.000	17.437	22.460	109046.483	113794.545	4.172
Aliphatic EPH	45921319.000	360.000	3.260	22.460	127559.219	124878.157	-2.147

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	17 Nov 2025 22:56
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016938.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.901	7912613.000	60.000	ug/ml
Aliphatic C12-C16	6.902	10.358	5407778.000	40.000	ug/ml
Aliphatic C16-C21	10.359	13.749	8530754.000	60.000	ug/ml
Aliphatic C21-C28	13.750	17.436	10984596.000	80.000	ug/ml
Aliphatic C28-C40	17.437	22.460	13085578.000	120.000	ug/ml
Aliphatic EPH	3.260	22.460	45921319.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FG112025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016956.D**						
Aliphatic C9-C12	8189375.000	60.000	3.258	6.899	136489.583	122003.227	-11.874
Aliphatic C12-C16	5612132.000	40.000	6.900	10.356	140303.300	122851.240	-14.206
Aliphatic C16-C21	8831800.000	60.000	10.357	13.743	147196.667	132396.253	-11.179
Aliphatic C21-C28	11474845.000	80.000	13.744	17.429	143435.563	139034.659	-3.165
Aliphatic C28-C40	13319255.000	120.000	17.430	22.445	110993.792	113794.545	2.461
Aliphatic EPH	47427407.000	360.000	3.258	22.445	131742.797	124878.157	-5.497

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	20 Nov 2025 10:36
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016956.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.258	6.899	8189375.000	60.000	ug/ml
Aliphatic C12-C16	6.900	10.356	5612132.000	40.000	ug/ml
Aliphatic C16-C21	10.357	13.743	8831800.000	60.000	ug/ml
Aliphatic C21-C28	13.744	17.429	11474845.000	80.000	ug/ml
Aliphatic C28-C40	17.430	22.445	13319255.000	120.000	ug/ml
Aliphatic EPH	3.258	22.445	47427407.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FG112025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016963.D**						
Aliphatic C9-C12	7779432.000	60.000	3.258	6.899	129657.200	122003.227	-6.274
Aliphatic C12-C16	5321494.000	40.000	6.900	10.356	133037.350	122851.240	-8.291
Aliphatic C16-C21	8375437.000	60.000	10.357	13.743	139590.617	132396.253	-5.434
Aliphatic C21-C28	10879586.000	80.000	13.744	17.429	135994.825	139034.659	2.186
Aliphatic C28-C40	13293839.000	120.000	17.430	22.445	110781.992	113794.545	2.647
Aliphatic EPH	45649788.000	360.000	3.258	22.445	126804.967	124878.157	-1.543

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	20 Nov 2025 17:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016963.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.258	6.899	7779432.000	60.000	ug/ml
Aliphatic C12-C16	6.900	10.356	5321494.000	40.000	ug/ml
Aliphatic C16-C21	10.357	13.743	8375437.000	60.000	ug/ml
Aliphatic C21-C28	13.744	17.429	10879586.000	80.000	ug/ml
Aliphatic C28-C40	17.430	22.445	13293839.000	120.000	ug/ml
Aliphatic EPH	3.258	22.445	45649788.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 00:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.009	5178641	45.699 ug/ml
Spiked Amount 50.000		Recovery =	91.40%
6) S 2-Flurobiphenyl (SURR)	8.886	3463002	48.555 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery =	97.11%
11) S ortho-Terphenyl (SURR)	11.953	5739038	39.080 ug/ml
Spiked Amount 50.000		Recovery =	78.16%
Target Compounds			

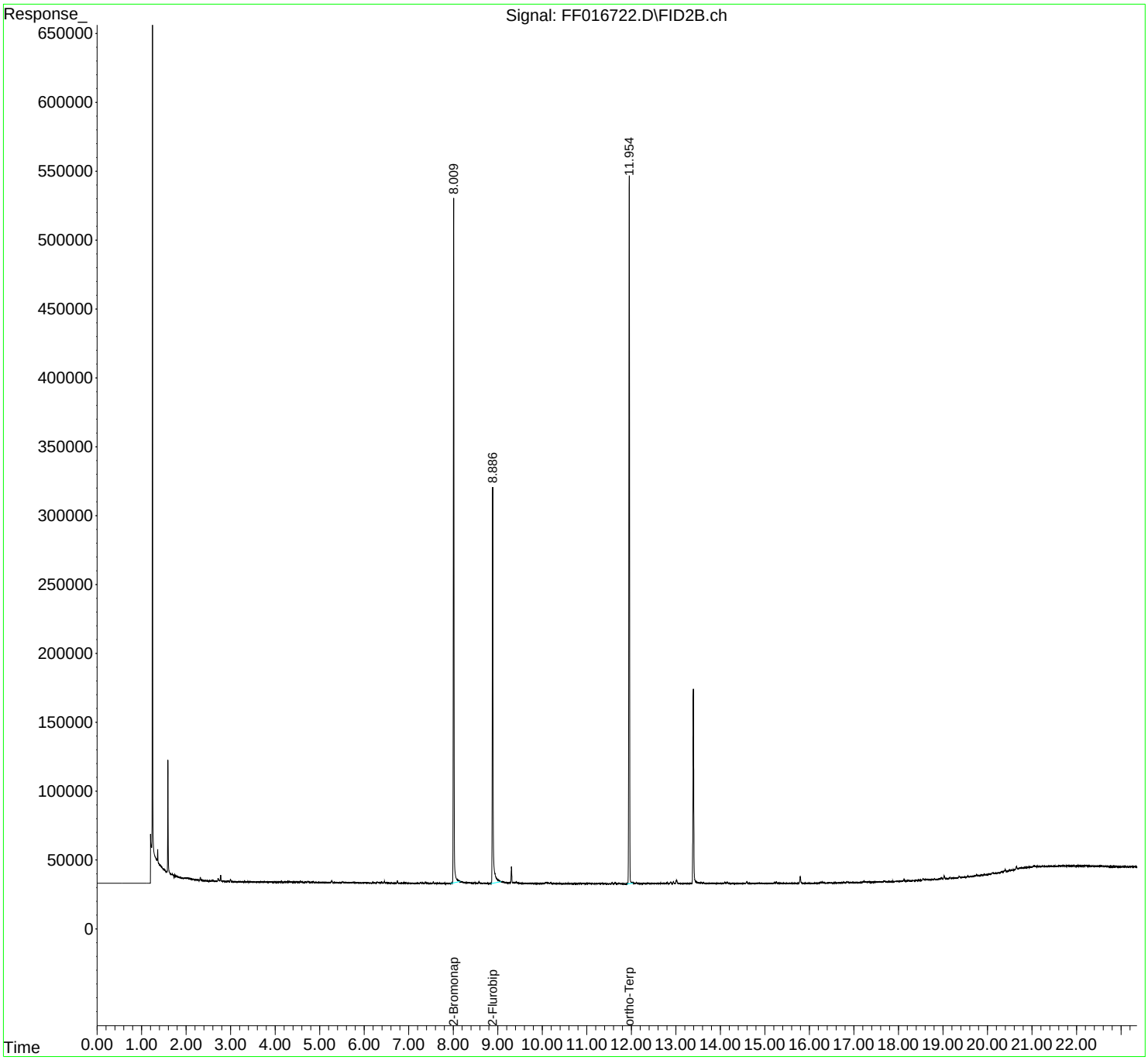
(f)=RT Delta > 1/2 Window (m)=manual int.

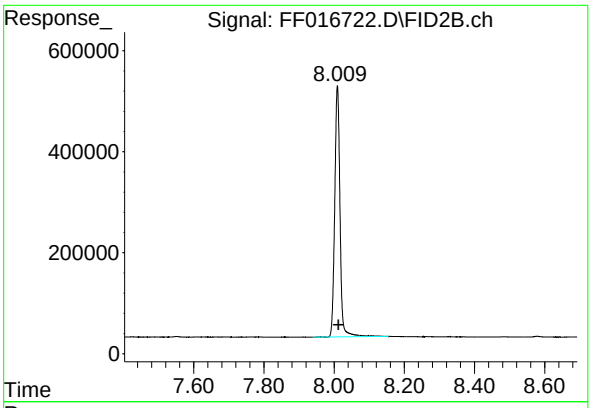
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 00:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

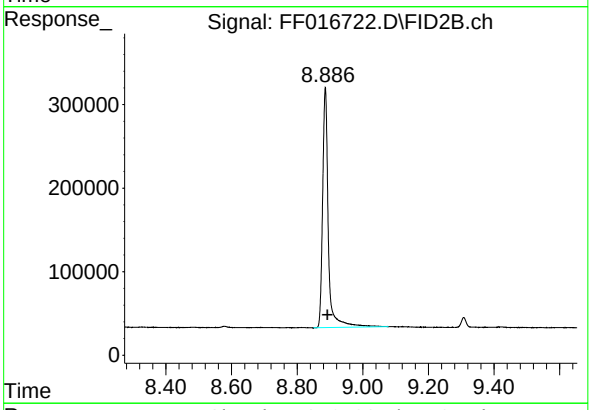




#4 2-Bromonaphthalene (SURR)

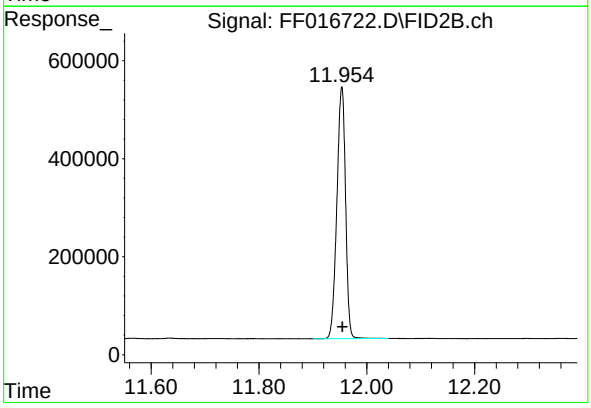
R.T.: 8.009 min
Delta R.T.: -0.003 min
Response: 5178641
Conc: 45.70 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-1



#6 2-Flurobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 3463002
Conc: 48.55 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.001 min
Response: 5739038
Conc: 39.08 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.426	4.422	4.459	PV	79	1046	0.02%	0.006%
2	4.475	4.459	4.506	VV	301	4736	0.08%	0.025%
3	4.567	4.534	4.585	VV	899	11801	0.20%	0.063%
4	4.604	4.585	4.631	VV	333	4965	0.09%	0.026%
5	4.637	4.631	4.662	VV	151	1801	0.03%	0.010%
6	4.680	4.662	4.705	VV	448	7536	0.13%	0.040%
7	4.733	4.705	4.747	VV	913	10811	0.19%	0.058%
8	4.756	4.747	4.777	VV	658	7231	0.13%	0.039%
9	4.783	4.777	4.801	VV	196	1931	0.03%	0.010%
10	4.818	4.801	4.833	VV	431	4738	0.08%	0.025%
11	4.853	4.833	4.875	VV	885	8968	0.16%	0.048%
12	4.883	4.875	4.910	VV	175	2574	0.04%	0.014%
13	4.931	4.917	4.940	VV	190	1955	0.03%	0.010%
14	4.985	4.940	5.005	VV	229	5397	0.09%	0.029%
15	5.030	5.005	5.042	VV	185	2163	0.04%	0.012%
16	5.067	5.042	5.107	VV	261	5051	0.09%	0.027%
17	5.119	5.107	5.134	VV	149	1302	0.02%	0.007%
18	5.147	5.134	5.160	VV	152	1542	0.03%	0.008%
19	5.182	5.170	5.194	VV	202	1699	0.03%	0.009%
20	5.214	5.194	5.225	VV	202	1720	0.03%	0.009%
21	5.246	5.225	5.253	VV	245	2818	0.05%	0.015%
22	5.272	5.253	5.308	VV	1824	22772	0.39%	0.121%
23	5.332	5.308	5.368	VV	472	7656	0.13%	0.041%
24	5.389	5.368	5.428	VV	307	5430	0.09%	0.029%
25	5.449	5.443	5.474	VV	80	1551	0.03%	0.008%
26	5.487	5.474	5.495	VV	140	1191	0.02%	0.006%
27	5.517	5.495	5.552	VV	916	15754	0.27%	0.084%
28	5.563	5.552	5.569	VV	349	2890	0.05%	0.015%
29	5.572	5.569	5.584	VV	299	2573	0.04%	0.014%
30	5.587	5.584	5.624	VV	269	4608	0.08%	0.025%
31	5.627	5.624	5.642	VV	156	1303	0.02%	0.007%
32	5.648	5.642	5.660	VV	199	1380	0.02%	0.007%
33	5.671	5.660	5.681	VV	228	2093	0.04%	0.011%
34	5.707	5.692	5.726	VV	503	6839	0.12%	0.036%
35	5.756	5.726	5.780	VV	607	11148	0.19%	0.059%
36	5.809	5.780	5.818	VV	293	3851	0.07%	0.021%

rteres

37	5.820	5.818	5.834	VV	184	1322	0.02%	0.007%
38	5.859	5.844	5.877	VV	227	2969	0.05%	0.016%
39	5.909	5.887	5.952	VV	262	5653	0.10%	0.030%
40	5.971	5.952	5.986	VV	227	2327	0.04%	0.012%
41	6.007	5.986	6.039	VV	229	5337	0.09%	0.028%
42	6.059	6.039	6.069	VV	333	3097	0.05%	0.017%
43	6.082	6.069	6.121	VV	312	5056	0.09%	0.027%
44	6.147	6.121	6.162	PV	155	2128	0.04%	0.011%
45	6.198	6.174	6.230	VV	598	9389	0.16%	0.050%
46	6.245	6.230	6.269	VV	312	4852	0.08%	0.026%
47	6.292	6.269	6.332	VV	745	18630	0.32%	0.099%
48	6.345	6.332	6.371	VV	624	8752	0.15%	0.047%
49	6.390	6.371	6.417	VV	956	13717	0.24%	0.073%
50	6.422	6.417	6.431	VV	252	1837	0.03%	0.010%
51	6.457	6.431	6.493	VV	1343	17606	0.30%	0.094%
52	6.518	6.493	6.527	VV	323	5109	0.09%	0.027%
53	6.532	6.527	6.559	VV	338	4631	0.08%	0.025%
54	6.572	6.559	6.602	VV	194	4805	0.08%	0.026%
55	6.609	6.602	6.645	VV	215	4282	0.07%	0.023%
56	6.746	6.717	6.779	VV	2004	24525	0.42%	0.131%
57	6.786	6.779	6.794	VV	160	1154	0.02%	0.006%
58	6.799	6.794	6.810	VV	134	1070	0.02%	0.006%
59	6.833	6.810	6.848	VV	357	4932	0.09%	0.026%
60	6.871	6.848	6.885	VV	329	4948	0.09%	0.026%
61	6.900	6.885	6.925	VV	757	9744	0.17%	0.052%
62	6.935	6.925	6.952	VV	333	3527	0.06%	0.019%
63	6.974	6.952	7.002	VV	522	7563	0.13%	0.040%
64	7.032	7.002	7.054	VV	223	4326	0.07%	0.023%
65	7.089	7.054	7.121	PV	194	3720	0.06%	0.020%
66	7.147	7.134	7.182	VV	239	3080	0.05%	0.016%
67	7.202	7.182	7.235	VV	419	6449	0.11%	0.034%
68	7.258	7.235	7.298	VV	588	13871	0.24%	0.074%
69	7.324	7.298	7.347	VV	610	11230	0.19%	0.060%
70	7.388	7.347	7.408	VV	698	15199	0.26%	0.081%
71	7.425	7.408	7.444	VV	483	6618	0.11%	0.035%
72	7.447	7.444	7.460	VV	140	1197	0.02%	0.006%
73	7.464	7.460	7.482	VV	182	1730	0.03%	0.009%
74	7.493	7.482	7.517	VV	227	3272	0.06%	0.017%
75	7.522	7.517	7.530	VV	194	1195	0.02%	0.006%
76	7.551	7.530	7.588	VV	1250	15769	0.27%	0.084%
77	7.612	7.588	7.621	VV	286	3312	0.06%	0.018%
78	7.627	7.621	7.634	VV	238	1492	0.03%	0.008%
79	7.640	7.634	7.650	VV	776	1960	0.03%	0.010%
80	7.662	7.650	7.675	VV	240	2695	0.05%	0.014%
81	7.697	7.675	7.714	VV	357	5530	0.10%	0.030%
82	7.722	7.714	7.745	VV	148	1973	0.03%	0.011%
83	7.764	7.745	7.779	VV	278	4174	0.07%	0.022%
84	7.787	7.779	7.811	VV	223	2730	0.05%	0.015%
85	7.832	7.811	7.836	PV	117	1021	0.02%	0.005%
86	7.860	7.836	7.886	VV	185	3221	0.06%	0.017%
87	7.910	7.902	7.921	VV	190	1318	0.02%	0.007%
88	7.962	7.943	7.978	VV	530	5582	0.10%	0.030%
89	8.010	7.978	8.102	VV	497578	5206894	90.14%	27.777%

rteres

90	8.110	8.102	8.219	VV	2514	112544	1.95%	0.600%
91	8.224	8.219	8.249	VV	997	15924	0.28%	0.085%
92	8.273	8.249	8.307	VV	951	27454	0.48%	0.146%
93	8.328	8.307	8.352	VV	946	19181	0.33%	0.102%
94	8.357	8.352	8.365	VV	564	4454	0.08%	0.024%
95	8.371	8.365	8.385	VV	600	6146	0.11%	0.033%
96	8.392	8.385	8.419	VV	502	8620	0.15%	0.046%
97	8.425	8.419	8.456	VV	413	8353	0.14%	0.045%
98	8.483	8.456	8.519	VV	675	17491	0.30%	0.093%
99	8.525	8.519	8.546	VV	385	5644	0.10%	0.030%
100	8.578	8.546	8.636	VV	1862	33983	0.59%	0.181%
101	8.642	8.636	8.652	VV	319	2188	0.04%	0.012%
102	8.658	8.652	8.661	VV	251	1060	0.02%	0.006%
103	8.676	8.661	8.683	VV	396	4381	0.08%	0.023%
104	8.687	8.683	8.691	VV	359	1638	0.03%	0.009%
105	8.694	8.691	8.701	VV	378	1920	0.03%	0.010%
106	8.706	8.701	8.717	VV	344	2723	0.05%	0.015%
107	8.723	8.717	8.757	VV	382	5814	0.10%	0.031%
108	8.771	8.757	8.797	VV	296	4506	0.08%	0.024%
109	8.813	8.797	8.842	VV	374	5736	0.10%	0.031%
110	8.886	8.850	9.110	VV	287928	3599460	62.31%	19.202%
111	9.124	9.110	9.174	VV	1361	42932	0.74%	0.229%
112	9.182	9.174	9.206	VV	901	14941	0.26%	0.080%
113	9.212	9.206	9.221	VV	753	6051	0.10%	0.032%
114	9.230	9.221	9.252	VV	748	11986	0.21%	0.064%
115	9.259	9.252	9.281	VV	667	10089	0.17%	0.054%
116	9.308	9.281	9.357	VV	12449	150087	2.60%	0.801%
117	9.362	9.357	9.372	VV	709	5945	0.10%	0.032%
118	9.376	9.372	9.378	VV	639	2484	0.04%	0.013%
119	9.388	9.378	9.400	VV	737	9390	0.16%	0.050%
120	9.421	9.400	9.452	VV	1179	24711	0.43%	0.132%
121	9.460	9.452	9.483	VV	543	9010	0.16%	0.048%
122	9.495	9.483	9.518	VV	495	8150	0.14%	0.043%
123	9.528	9.518	9.532	VV	330	2507	0.04%	0.013%
124	9.542	9.532	9.577	VV	381	7533	0.13%	0.040%
125	9.598	9.577	9.618	VV	393	7749	0.13%	0.041%
126	9.626	9.618	9.675	VV	349	8202	0.14%	0.044%
127	9.700	9.675	9.712	VV	329	5465	0.09%	0.029%
128	9.716	9.712	9.738	VV	278	2681	0.05%	0.014%
129	9.742	9.738	9.755	VV	193	1459	0.03%	0.008%
130	9.774	9.755	9.809	VV	409	8901	0.15%	0.047%
131	9.816	9.809	9.840	VV	163	3033	0.05%	0.016%
132	9.858	9.840	9.872	VV	260	3671	0.06%	0.020%
133	9.876	9.872	9.884	VV	202	1194	0.02%	0.006%
134	9.890	9.884	9.897	VV	188	1217	0.02%	0.006%
135	9.917	9.897	9.955	VV	314	6539	0.11%	0.035%
136	9.966	9.955	9.995	VV	286	4635	0.08%	0.025%
137	10.022	9.995	10.048	VV	512	8501	0.15%	0.045%
138	10.074	10.048	10.095	VV	928	18998	0.33%	0.101%
139	10.109	10.095	10.128	VV	987	15847	0.27%	0.085%
140	10.132	10.128	10.169	VV	648	11328	0.20%	0.060%
141	10.189	10.169	10.215	VV	1119	17908	0.31%	0.096%

rteres

142	10.220	10.215	10.239	VV	348	3401	0.06%	0.018%
143	10.255	10.239	10.280	VV	304	5538	0.10%	0.030%
144	10.284	10.280	10.300	VV	194	2340	0.04%	0.012%
145	10.304	10.300	10.317	VV	191	1649	0.03%	0.009%
146	10.325	10.317	10.336	VV	178	1911	0.03%	0.010%
147	10.354	10.344	10.369	VV	219	2456	0.04%	0.013%
148	10.372	10.369	10.385	VV	174	1243	0.02%	0.007%
149	10.392	10.385	10.444	VV	176	4298	0.07%	0.023%
150	10.467	10.444	10.487	VV	107	2414	0.04%	0.013%
151	10.511	10.487	10.546	VV	285	5992	0.10%	0.032%
152	10.581	10.546	10.600	VV	218	5068	0.09%	0.027%
153	10.615	10.600	10.643	VV	314	5023	0.09%	0.027%
154	10.675	10.643	10.689	VV	203	3493	0.06%	0.019%
155	10.710	10.689	10.731	VV	347	4923	0.09%	0.026%
156	10.744	10.731	10.777	VV	251	4568	0.08%	0.024%
157	10.794	10.777	10.802	VV	251	2671	0.05%	0.014%
158	10.813	10.802	10.845	VV	256	5304	0.09%	0.028%
159	10.865	10.845	10.896	VV	311	7501	0.13%	0.040%
160	10.927	10.896	10.967	VV	417	11708	0.20%	0.062%
161	10.980	10.967	11.005	VV	283	4605	0.08%	0.025%
162	11.055	11.005	11.092	VV	602	16072	0.28%	0.086%
163	11.118	11.092	11.140	VV	228	5038	0.09%	0.027%
164	11.148	11.140	11.176	VV	198	2795	0.05%	0.015%
165	11.219	11.176	11.232	VV	187	4655	0.08%	0.025%
166	11.241	11.232	11.258	VV	240	2839	0.05%	0.015%
167	11.266	11.258	11.296	VV	214	4146	0.07%	0.022%
168	11.308	11.296	11.333	VV	223	4452	0.08%	0.024%
169	11.351	11.333	11.407	VV	254	8100	0.14%	0.043%
170	11.435	11.407	11.455	VV	241	3474	0.06%	0.019%
171	11.468	11.455	11.479	VV	142	1124	0.02%	0.006%
172	11.489	11.479	11.507	VV	136	1249	0.02%	0.007%
173	11.518	11.507	11.539	VV	151	1336	0.02%	0.007%
174	11.565	11.539	11.600	PV	1046	15494	0.27%	0.083%
175	11.635	11.600	11.669	VV	1334	20313	0.35%	0.108%
176	11.678	11.669	11.696	VV	190	2242	0.04%	0.012%
177	11.713	11.696	11.750	VV	364	7000	0.12%	0.037%
178	11.765	11.750	11.812	VV	151	3969	0.07%	0.021%
179	11.839	11.812	11.847	VV	135	1581	0.03%	0.008%
180	11.858	11.847	11.901	VV	93	1863	0.03%	0.010%
181	11.953	11.901	12.080	PV	515456	5776486	100.00%	30.815%
182	12.116	12.080	12.187	VV	827	23380	0.40%	0.125%
183	12.204	12.187	12.213	VV	192	2639	0.05%	0.014%
184	12.225	12.213	12.239	VV	250	2880	0.05%	0.015%
185	12.297	12.239	12.332	VV	545	15574	0.27%	0.083%
186	12.360	12.332	12.379	VV	730	12082	0.21%	0.064%
187	12.398	12.379	12.432	VV	748	12367	0.21%	0.066%
188	12.439	12.432	12.454	VV	229	2474	0.04%	0.013%
189	12.460	12.454	12.494	VV	267	3726	0.06%	0.020%
190	12.524	12.494	12.564	VV	439	10277	0.18%	0.055%
191	12.590	12.564	12.615	VV	315	6889	0.12%	0.037%
192	12.631	12.615	12.645	VV	356	5005	0.09%	0.027%
193	12.659	12.645	12.705	VV	535	12701	0.22%	0.068%
194	12.729	12.705	12.752	VV	374	7899	0.14%	0.042%

rteres

195	12.807	12.752	12.842	VV	991	21810	0.38%	0.116%
196	12.885	12.842	12.920	VV	1362	26262	0.45%	0.140%
197	12.946	12.920	12.985	VV	1633	25523	0.44%	0.136%
198	13.016	12.985	13.059	VV	2821	51278	0.89%	0.274%
199	13.064	13.059	13.098	VV	238	3491	0.06%	0.019%
200	13.111	13.098	13.129	VV	114	1392	0.02%	0.007%
201	13.151	13.129	13.177	VV	276	3796	0.07%	0.020%
202	13.239	13.177	13.290	VV	269	11384	0.20%	0.061%
203	13.393	13.290	13.535	VV	141433	1822023	31.54%	9.720%
204	13.559	13.535	13.597	VV	716	19060	0.33%	0.102%
205	13.620	13.597	13.675	VV	660	19804	0.34%	0.106%
206	13.685	13.675	13.715	VV	345	6121	0.11%	0.033%
207	13.758	13.715	13.798	VV	419	13627	0.24%	0.073%
208	13.832	13.798	13.876	VV	387	12331	0.21%	0.066%
209	13.896	13.876	13.923	VV	258	5354	0.09%	0.029%
210	13.932	13.923	13.940	VV	198	1827	0.03%	0.010%
211	13.949	13.940	13.956	VV	237	1884	0.03%	0.010%
212	13.966	13.956	13.992	VV	264	4756	0.08%	0.025%
213	14.005	13.992	14.055	VV	306	7423	0.13%	0.040%
214	14.098	14.055	14.125	VV	1109	19870	0.34%	0.106%
215	14.149	14.125	14.200	VV	1288	23071	0.40%	0.123%
216	14.207	14.200	14.226	VV	230	2493	0.04%	0.013%
217	14.267	14.226	14.320	VV	267	7117	0.12%	0.038%
218	14.357	14.320	14.372	VV	206	3531	0.06%	0.019%
219	14.387	14.372	14.506	VV	190	7130	0.12%	0.038%
220	14.524	14.506	14.536	PV	195	1688	0.03%	0.009%
221	14.591	14.536	14.688	VV	1281	33458	0.58%	0.178%
222	14.712	14.688	14.741	VV	285	5319	0.09%	0.028%
223	14.750	14.741	14.772	VV	123	2025	0.04%	0.011%
224	14.780	14.772	14.790	VV	143	1110	0.02%	0.006%
225	14.820	14.790	14.832	VV	243	4402	0.08%	0.023%
226	14.867	14.832	14.913	VV	412	12326	0.21%	0.066%
227	14.921	14.913	14.955	VV	205	3488	0.06%	0.019%
228	14.972	14.955	14.981	VV	146	1759	0.03%	0.009%
229	15.000	14.981	15.019	VV	125	2319	0.04%	0.012%
230	15.056	15.019	15.084	VV	392	7559	0.13%	0.040%
231	15.103	15.084	15.130	VV	137	2747	0.05%	0.015%
232	15.142	15.130	15.179	VV	196	2598	0.04%	0.014%
233	15.215	15.179	15.239	VV	778	16198	0.28%	0.086%
234	15.256	15.239	15.297	VV	1188	21230	0.37%	0.113%
235	15.312	15.297	15.392	VV	381	11929	0.21%	0.064%
236	15.431	15.392	15.457	VV	275	7094	0.12%	0.038%
237	15.480	15.457	15.514	VV	202	3783	0.07%	0.020%
238	15.533	15.514	15.542	PV	109	1011	0.02%	0.005%
239	15.564	15.542	15.624	VV	168	3794	0.07%	0.020%
240	15.671	15.624	15.709	VV	197	5418	0.09%	0.029%
241	15.794	15.709	15.875	VV	5079	80248	1.39%	0.428%
242	15.905	15.875	15.952	VV	171	5191	0.09%	0.028%
243	15.993	15.952	16.014	PV	125	3537	0.06%	0.019%
244	16.058	16.039	16.072	PV	129	1525	0.03%	0.008%
245	16.103	16.072	16.130	VV	132	4205	0.07%	0.022%
246	16.138	16.130	16.167	VV	171	2694	0.05%	0.014%

rteres

247	16.178	16.167	16.195	VV	160	1526	0.03%	0.008%
248	16.244	16.195	16.260	VV	527	9421	0.16%	0.050%
249	16.281	16.260	16.366	VV	933	21237	0.37%	0.113%
250	16.376	16.366	16.396	VV	146	1927	0.03%	0.010%
251	16.424	16.396	16.451	VV	179	3819	0.07%	0.020%
252	16.458	16.451	16.490	VV	144	2160	0.04%	0.012%
253	16.500	16.490	16.519	VV	61	1276	0.02%	0.007%
254	16.548	16.539	16.566	VV	76	1085	0.02%	0.006%
255	16.591	16.566	16.615	VV	132	2884	0.05%	0.015%
256	16.628	16.615	16.647	PV	140	1283	0.02%	0.007%
257	16.715	16.674	16.729	VV	115	2523	0.04%	0.013%
258	16.768	16.729	16.790	VV	482	9587	0.17%	0.051%
259	16.805	16.790	16.814	VV	209	2197	0.04%	0.012%
260	16.849	16.814	16.905	VV	960	20778	0.36%	0.111%
261	16.926	16.905	16.978	VV	240	8102	0.14%	0.043%
262	17.006	16.978	17.025	VV	200	3916	0.07%	0.021%
263	17.065	17.025	17.099	VV	116	3018	0.05%	0.016%
264	17.139	17.099	17.159	PV	169	3646	0.06%	0.019%
265	17.234	17.159	17.267	VV	924	29869	0.52%	0.159%
266	17.282	17.267	17.311	VV	362	6897	0.12%	0.037%
267	17.328	17.311	17.374	VV	228	5149	0.09%	0.027%
268	17.388	17.374	17.400	VV	98	1256	0.02%	0.007%
269	17.428	17.400	17.452	VV	172	2613	0.05%	0.014%
270	17.488	17.452	17.495	VV	126	2236	0.04%	0.012%
271	17.527	17.495	17.543	PV	163	2800	0.05%	0.015%
272	17.569	17.543	17.590	VV	288	5333	0.09%	0.028%
273	17.600	17.590	17.639	VV	171	3195	0.06%	0.017%
274	17.687	17.639	17.722	VV	850	15604	0.27%	0.083%
275	17.794	17.739	17.837	VV	114	4258	0.07%	0.023%
276	17.871	17.837	17.889	PV	204	1667	0.03%	0.009%
277	18.017	17.889	18.025	PV	73	4407	0.08%	0.024%
278	18.126	18.025	18.155	PV	1054	22018	0.38%	0.117%
279	18.218	18.155	18.251	VV	245	6818	0.12%	0.036%
280	18.416	18.251	18.428	VV	122	3555	0.06%	0.019%
281	18.446	18.428	18.472	VV	206	2371	0.04%	0.013%
282	18.511	18.472	18.523	PV	110	2348	0.04%	0.013%
283	18.554	18.523	18.588	VV	1096	21866	0.38%	0.117%
284	18.608	18.588	18.631	VV	476	10066	0.17%	0.054%
285	18.637	18.631	18.717	VV	339	9927	0.17%	0.053%
286	18.819	18.717	18.851	PBA	145	7825	0.14%	0.042%

Sum of corrected areas: 18745410

Aromatic EPH 102925.M Tue Nov 18 01:15:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.481	5117800	42.495 ug/ml
Spiked Amount 50.000		Recovery = 84.99%	
Target Compounds			

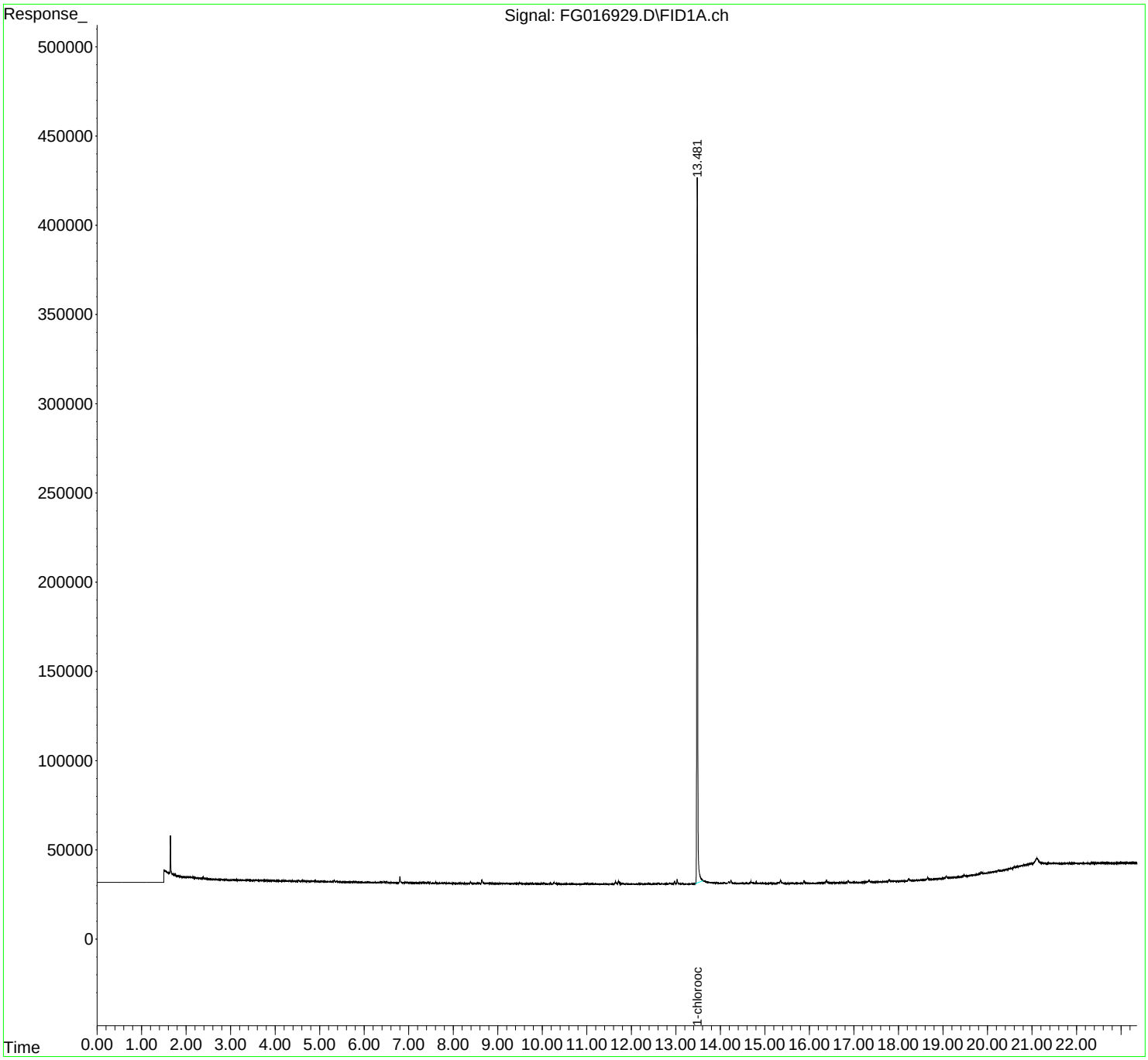
(f)=RT Delta > 1/2 Window (m)=manual int.

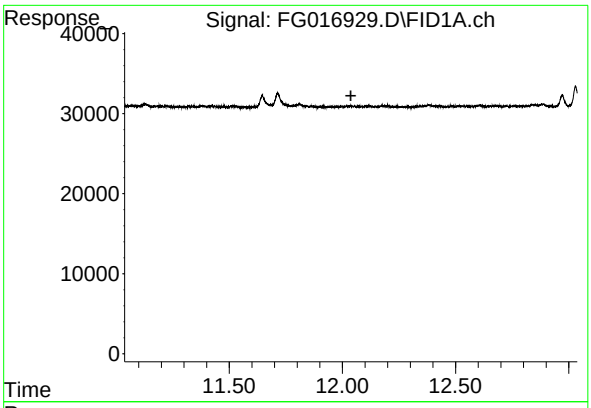
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

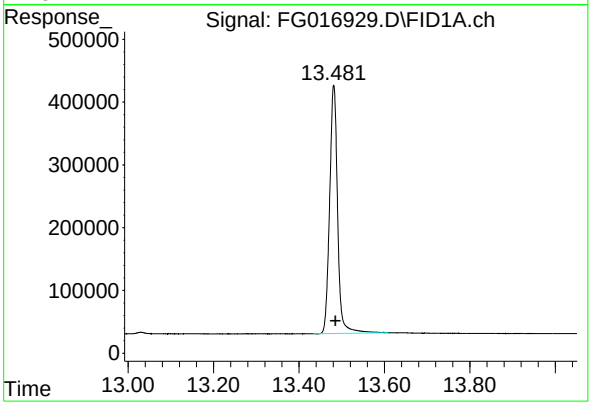




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-1



#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 5117800
Conc: 42.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.365	3.305	3.498	BV	144	3248	0.06%	0.032%
2	3.505	3.498	3.514	PV	55	343	0.01%	0.003%
3	3.531	3.514	3.548	VV	80	958	0.02%	0.010%
4	3.558	3.548	3.598	VV	112	2143	0.04%	0.021%
5	3.614	3.598	3.648	VV	121	1853	0.03%	0.018%
6	3.679	3.648	3.705	VV	130	2803	0.05%	0.028%
7	3.727	3.705	3.747	VV	125	1428	0.03%	0.014%
8	3.757	3.747	3.858	VV	96	2955	0.06%	0.029%
9	3.866	3.858	3.901	VV	97	1327	0.02%	0.013%
10	3.914	3.901	3.931	VV	96	783	0.01%	0.008%
11	3.942	3.931	4.006	PV	113	2202	0.04%	0.022%
12	4.062	4.006	4.141	PV	145	5091	0.09%	0.051%
13	4.157	4.141	4.176	VV	182	1854	0.03%	0.018%
14	4.195	4.176	4.219	VV	262	3271	0.06%	0.033%
15	4.229	4.219	4.260	VV	153	1624	0.03%	0.016%
16	4.271	4.260	4.318	VV	206	3042	0.06%	0.030%
17	4.362	4.318	4.488	VV	244	11523	0.22%	0.115%
18	4.530	4.488	4.548	VV	377	6449	0.12%	0.064%
19	4.559	4.548	4.605	VV	175	4664	0.09%	0.046%
20	4.622	4.605	4.717	VV	829	15428	0.29%	0.153%
21	4.738	4.717	4.783	VV	283	5994	0.11%	0.060%
22	4.812	4.783	4.855	VV	357	7258	0.14%	0.072%
23	4.874	4.855	4.889	VV	264	3307	0.06%	0.033%
24	4.906	4.889	4.985	VV	458	9332	0.17%	0.093%
25	4.991	4.985	5.000	VV	112	1013	0.02%	0.010%
26	5.017	5.000	5.029	VV	155	2255	0.04%	0.022%
27	5.042	5.029	5.063	VV	390	3739	0.07%	0.037%
28	5.111	5.063	5.162	VV	190	7308	0.14%	0.073%
29	5.170	5.162	5.195	VV	150	1660	0.03%	0.016%
30	5.234	5.195	5.258	VV	152	4087	0.08%	0.041%
31	5.275	5.258	5.288	VV	218	2207	0.04%	0.022%
32	5.299	5.288	5.306	VV	243	2223	0.04%	0.022%
33	5.326	5.306	5.357	VV	1063	14138	0.26%	0.140%
34	5.381	5.357	5.423	VV	366	6926	0.13%	0.069%
35	5.443	5.423	5.485	VV	246	3187	0.06%	0.032%
36	5.506	5.485	5.522	PV	74	1105	0.02%	0.011%

rteres

37	5.535	5.522	5.545	VV	70	651	0.01%	0.006%
38	5.560	5.545	5.623	VV	86	1968	0.04%	0.020%
39	5.640	5.623	5.652	VV	99	1105	0.02%	0.011%
40	5.658	5.652	5.711	VV	84	1621	0.03%	0.016%
41	5.725	5.711	5.748	VV	116	1458	0.03%	0.014%
42	5.766	5.748	5.786	PV	349	4441	0.08%	0.044%
43	5.808	5.786	5.839	VV	378	5363	0.10%	0.053%
44	5.866	5.839	5.888	VV	121	2402	0.04%	0.024%
45	5.890	5.888	5.927	VV	160	2029	0.04%	0.020%
46	5.960	5.927	6.011	VV	208	4824	0.09%	0.048%
47	6.025	6.011	6.043	VV	121	1685	0.03%	0.017%
48	6.076	6.043	6.109	VV	197	4601	0.09%	0.046%
49	6.132	6.109	6.178	VV	217	4908	0.09%	0.049%
50	6.183	6.178	6.224	VV	134	2281	0.04%	0.023%
51	6.245	6.224	6.280	VV	264	4011	0.07%	0.040%
52	6.298	6.280	6.322	VV	251	3086	0.06%	0.031%
53	6.358	6.322	6.379	VV	364	7523	0.14%	0.075%
54	6.399	6.379	6.422	VV	373	5833	0.11%	0.058%
55	6.445	6.422	6.491	VV	622	11544	0.22%	0.115%
56	6.508	6.491	6.554	VV	713	10298	0.19%	0.102%
57	6.566	6.554	6.571	VV	121	951	0.02%	0.009%
58	6.582	6.571	6.660	VV	204	5058	0.09%	0.050%
59	6.693	6.660	6.772	VV	142	4395	0.08%	0.044%
60	6.802	6.772	6.870	PV	3656	50092	0.93%	0.498%
61	6.889	6.870	6.908	VV	286	4608	0.09%	0.046%
62	6.924	6.908	6.935	VV	259	2910	0.05%	0.029%
63	6.956	6.935	6.980	VV	490	7424	0.14%	0.074%
64	6.990	6.980	7.015	VV	206	3001	0.06%	0.030%
65	7.029	7.015	7.071	VV	333	5907	0.11%	0.059%
66	7.083	7.071	7.128	VV	178	4239	0.08%	0.042%
67	7.144	7.128	7.237	VV	180	6949	0.13%	0.069%
68	7.259	7.237	7.298	VV	235	5369	0.10%	0.053%
69	7.315	7.298	7.350	VV	396	9184	0.17%	0.091%
70	7.377	7.350	7.399	VV	397	7758	0.14%	0.077%
71	7.428	7.399	7.466	VV	425	11133	0.21%	0.111%
72	7.482	7.466	7.520	VV	340	5854	0.11%	0.058%
73	7.530	7.520	7.538	VV	136	1505	0.03%	0.015%
74	7.546	7.538	7.570	VV	174	2553	0.05%	0.025%
75	7.608	7.570	7.658	VV	810	12955	0.24%	0.129%
76	7.684	7.658	7.703	VV	225	3954	0.07%	0.039%
77	7.716	7.703	7.729	VV	231	2736	0.05%	0.027%
78	7.758	7.729	7.795	VV	301	7766	0.14%	0.077%
79	7.815	7.795	7.872	VV	218	7691	0.14%	0.076%
80	7.882	7.872	7.893	VV	155	1605	0.03%	0.016%
81	7.901	7.893	7.953	VV	140	3513	0.07%	0.035%
82	8.020	7.953	8.061	PV	311	6109	0.11%	0.061%
83	8.086	8.061	8.101	VV	181	2560	0.05%	0.025%
84	8.119	8.101	8.150	VV	195	3279	0.06%	0.033%
85	8.185	8.150	8.232	VV	195	5721	0.11%	0.057%
86	8.242	8.232	8.276	VV	132	2426	0.05%	0.024%
87	8.297	8.276	8.312	VV	142	1373	0.03%	0.014%
88	8.335	8.312	8.366	VV	240	4201	0.08%	0.042%
89	8.388	8.366	8.471	VV	1018	17202	0.32%	0.171%

rteres

90	8.491	8.471	8.519	VV	187	2805	0.05%	0.028%
91	8.549	8.519	8.608	VV	345	9493	0.18%	0.094%
92	8.642	8.608	8.724	VV	2025	41328	0.77%	0.411%
93	8.741	8.724	8.760	VV	344	5416	0.10%	0.054%
94	8.786	8.760	8.813	VV	314	7704	0.14%	0.077%
95	8.829	8.813	8.862	VV	229	4330	0.08%	0.043%
96	8.876	8.862	8.963	VV	234	5310	0.10%	0.053%
97	9.002	8.963	9.051	VV	180	6475	0.12%	0.064%
98	9.058	9.051	9.072	VV	172	1838	0.03%	0.018%
99	9.107	9.072	9.119	VV	231	4522	0.08%	0.045%
100	9.145	9.119	9.168	VV	238	5532	0.10%	0.055%
101	9.190	9.168	9.227	VV	334	7687	0.14%	0.076%
102	9.247	9.227	9.280	VV	180	3596	0.07%	0.036%
103	9.304	9.280	9.329	VV	151	2920	0.05%	0.029%
104	9.337	9.329	9.348	VV	57	708	0.01%	0.007%
105	9.375	9.348	9.392	VV	589	8406	0.16%	0.084%
106	9.405	9.392	9.421	VV	323	4671	0.09%	0.046%
107	9.433	9.421	9.457	VV	335	4914	0.09%	0.049%
108	9.488	9.457	9.539	VV	796	15995	0.30%	0.159%
109	9.562	9.539	9.590	VV	237	4560	0.09%	0.045%
110	9.611	9.590	9.642	VV	213	3604	0.07%	0.036%
111	9.663	9.642	9.691	VV	182	3167	0.06%	0.031%
112	9.724	9.691	9.750	VV	215	5489	0.10%	0.055%
113	9.775	9.750	9.821	VV	329	6448	0.12%	0.064%
114	9.846	9.821	9.885	VV	317	6312	0.12%	0.063%
115	9.898	9.885	9.925	VV	232	3496	0.07%	0.035%
116	9.938	9.925	9.966	VV	134	2566	0.05%	0.026%
117	9.992	9.966	10.016	VV	296	5688	0.11%	0.057%
118	10.038	10.016	10.084	VV	673	11175	0.21%	0.111%
119	10.095	10.084	10.105	VV	127	1225	0.02%	0.012%
120	10.122	10.105	10.131	VV	150	1782	0.03%	0.018%
121	10.136	10.131	10.149	VV	133	983	0.02%	0.010%
122	10.184	10.149	10.235	VV	348	9017	0.17%	0.090%
123	10.263	10.235	10.468	VV	877	31227	0.58%	0.310%
124	10.482	10.468	10.561	PV	111	4507	0.08%	0.045%
125	10.582	10.561	10.631	VV	136	3737	0.07%	0.037%
126	10.654	10.631	10.716	VV	231	6973	0.13%	0.069%
127	10.746	10.716	10.762	VV	129	2743	0.05%	0.027%
128	10.771	10.762	10.782	VV	122	960	0.02%	0.010%
129	10.809	10.782	10.845	VV	125	3134	0.06%	0.031%
130	10.898	10.845	10.915	VV	183	3734	0.07%	0.037%
131	10.942	10.915	10.989	VV	259	7328	0.14%	0.073%
132	11.008	10.989	11.038	VV	313	6184	0.12%	0.061%
133	11.067	11.038	11.095	VV	263	5987	0.11%	0.059%
134	11.131	11.095	11.156	VV	406	9195	0.17%	0.091%
135	11.190	11.156	11.211	VV	188	4675	0.09%	0.046%
136	11.220	11.211	11.249	VV	174	2819	0.05%	0.028%
137	11.263	11.249	11.311	VV	114	3224	0.06%	0.032%
138	11.334	11.311	11.360	VV	148	3221	0.06%	0.032%
139	11.381	11.360	11.490	VV	206	9395	0.18%	0.093%
140	11.516	11.490	11.561	PV	175	3876	0.07%	0.039%
141	11.571	11.561	11.591	VV	76	565	0.01%	0.006%

rteres

142	11.646	11.591	11.690	VV	1464	27334	0.51%	0.272%
143	11.714	11.690	11.782	VV	1781	36202	0.68%	0.360%
144	11.810	11.782	11.895	VV	426	12435	0.23%	0.124%
145	11.901	11.895	11.928	VV	100	1494	0.03%	0.015%
146	11.944	11.928	11.975	VV	94	2120	0.04%	0.021%
147	11.979	11.975	11.986	VV	105	553	0.01%	0.005%
148	11.999	11.986	12.009	VV	127	1302	0.02%	0.013%
149	12.034	12.009	12.048	VV	167	2798	0.05%	0.028%
150	12.052	12.048	12.062	VV	133	809	0.02%	0.008%
151	12.071	12.062	12.088	VV	121	1389	0.03%	0.014%
152	12.103	12.088	12.110	VV	181	1613	0.03%	0.016%
153	12.120	12.110	12.155	VV	187	2834	0.05%	0.028%
154	12.175	12.155	12.191	VV	213	2927	0.05%	0.029%
155	12.201	12.191	12.301	VV	182	4287	0.08%	0.043%
156	12.380	12.301	12.415	VV	271	9290	0.17%	0.092%
157	12.427	12.415	12.455	VV	178	2582	0.05%	0.026%
158	12.488	12.455	12.501	VV	116	2577	0.05%	0.026%
159	12.519	12.501	12.563	VV	171	4206	0.08%	0.042%
160	12.573	12.563	12.591	VV	84	1572	0.03%	0.016%
161	12.606	12.591	12.639	VV	242	4539	0.08%	0.045%
162	12.674	12.639	12.715	VV	189	5389	0.10%	0.054%
163	12.722	12.715	12.737	VV	132	1377	0.03%	0.014%
164	12.844	12.737	12.863	VV	277	12142	0.23%	0.121%
165	12.886	12.863	12.931	VV	325	8152	0.15%	0.081%
166	12.971	12.931	13.000	VV	1492	22259	0.42%	0.221%
167	13.030	13.000	13.120	VV	2573	42610	0.80%	0.423%
168	13.152	13.120	13.227	VV	255	8341	0.16%	0.083%
169	13.308	13.227	13.335	PV	154	6410	0.12%	0.064%
170	13.361	13.335	13.385	VV	162	3351	0.06%	0.033%
171	13.481	13.385	13.808	VV	397874	5359246	100.00%	53.257%
172	13.827	13.808	13.898	VV	744	32757	0.61%	0.326%
173	13.915	13.898	14.007	VV	529	29279	0.55%	0.291%
174	14.066	14.007	14.152	VV	494	34584	0.65%	0.344%
175	14.187	14.152	14.211	VV	1317	25042	0.47%	0.249%
176	14.238	14.211	14.416	VV	2108	63027	1.18%	0.626%
177	14.470	14.416	14.554	VV	299	20240	0.38%	0.201%
178	14.571	14.554	14.636	VV	242	10496	0.20%	0.104%
179	14.688	14.636	14.778	VV	1089	36028	0.67%	0.358%
180	14.806	14.778	14.898	VV	703	22851	0.43%	0.227%
181	14.911	14.898	14.938	VV	247	4619	0.09%	0.046%
182	14.968	14.938	15.041	VV	278	10747	0.20%	0.107%
183	15.062	15.041	15.084	VV	126	2659	0.05%	0.026%
184	15.157	15.084	15.181	VV	120	5893	0.11%	0.059%
185	15.201	15.181	15.223	VV	173	3188	0.06%	0.032%
186	15.238	15.223	15.258	VV	135	1760	0.03%	0.017%
187	15.309	15.258	15.325	VV	596	10730	0.20%	0.107%
188	15.352	15.325	15.495	VV	1758	40450	0.75%	0.402%
189	15.516	15.495	15.605	VV	122	3178	0.06%	0.032%
190	15.621	15.605	15.705	VV	86	2050	0.04%	0.020%
191	15.769	15.705	15.808	PV	105	3715	0.07%	0.037%
192	15.877	15.808	16.048	VV	1126	27366	0.51%	0.272%
193	16.070	16.048	16.138	PV	75	2542	0.05%	0.025%
194	16.151	16.138	16.178	VV	76	1384	0.03%	0.014%

rteres

195	16.203	16.178	16.224	VV	117	2361	0.04%	0.023%
196	16.244	16.224	16.295	VV	121	3575	0.07%	0.036%
197	16.382	16.295	16.497	VV	1599	47043	0.88%	0.467%
198	16.517	16.497	16.595	VV	192	6651	0.12%	0.066%
199	16.609	16.595	16.649	VV	120	2675	0.05%	0.027%
200	16.691	16.649	16.718	PV	186	4447	0.08%	0.044%
201	16.736	16.718	16.803	VV	150	3566	0.07%	0.035%
202	16.869	16.803	17.011	VV	1005	26448	0.49%	0.263%
203	17.044	17.011	17.120	PV	122	4908	0.09%	0.049%
204	17.220	17.120	17.262	VV	154	6458	0.12%	0.064%
205	17.337	17.262	17.485	VV	1354	34142	0.64%	0.339%
206	17.553	17.485	17.567	PV	78	1947	0.04%	0.019%
207	17.631	17.567	17.654	VV	106	3754	0.07%	0.037%
208	17.685	17.654	17.700	VV	109	2039	0.04%	0.020%
209	17.792	17.700	17.860	VV	1231	30284	0.57%	0.301%
210	17.885	17.860	17.935	VV	388	7277	0.14%	0.072%
211	18.007	17.935	18.026	VV	146	4808	0.09%	0.048%
212	18.231	18.026	18.331	PV	1278	33448	0.62%	0.332%
213	18.397	18.331	18.429	PV	135	4873	0.09%	0.048%
214	18.508	18.429	18.535	VV	175	3048	0.06%	0.030%
215	18.658	18.535	18.731	VV	1240	26606	0.50%	0.264%
216	18.746	18.731	18.768	VV	109	1438	0.03%	0.014%
217	19.072	18.768	19.138	PV	1074	24464	0.46%	0.243%
218	19.471	19.138	19.525	PV	735	13041	0.24%	0.130%
219	19.860	19.525	19.901	VV	1241	72720	1.36%	0.723%
220	20.160	19.901	20.195	VV	1096	133286	2.49%	1.325%
221	20.237	20.195	20.265	VV	1482	51353	0.96%	0.510%
222	20.503	20.265	20.523	VV	1889	227915	4.25%	2.265%
223	20.605	20.523	20.625	VV	2582	129112	2.41%	1.283%
224	20.977	20.625	21.005	VV	3450	667585	12.46%	6.634%
225	21.109	21.005	21.251	VV	6231	626410	11.69%	6.225%
226	21.270	21.251	21.325	VV	3003	125978	2.35%	1.252%
227	21.375	21.325	21.431	VV	2933	173597	3.24%	1.725%
228	21.487	21.431	21.538	VV	2430	152476	2.85%	1.515%
229	21.555	21.538	21.665	VV	2237	154300	2.88%	1.533%
230	21.741	21.665	21.805	VV	1854	147855	2.76%	1.469%
231	21.836	21.805	21.891	VV	1633	79175	1.48%	0.787%
232	21.944	21.891	22.075	VV	1316	130119	2.43%	1.293%
233	22.101	22.075	22.126	VV	847	25296	0.47%	0.251%
234	22.154	22.126	22.241	VV	760	43951	0.82%	0.437%
235	22.269	22.241	22.291	VV	475	13416	0.25%	0.133%
236	22.357	22.291	22.391	VV	533	26134	0.49%	0.260%
237	22.417	22.391	22.501	VBA	326	21264	0.40%	0.211%

Sum of corrected areas: 10062953

Aliphatic EPH 102925.M Tue Nov 18 03:12:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 00:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.010	5264631	46.457 ug/ml
Spiked Amount 50.000		Recovery =	92.91%
6) S 2-Flurobiphenyl (SURR)	8.885	3530106	49.496 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery =	98.99%
11) S ortho-Terphenyl (SURR)	11.952	4332904	29.505 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
Target Compounds			

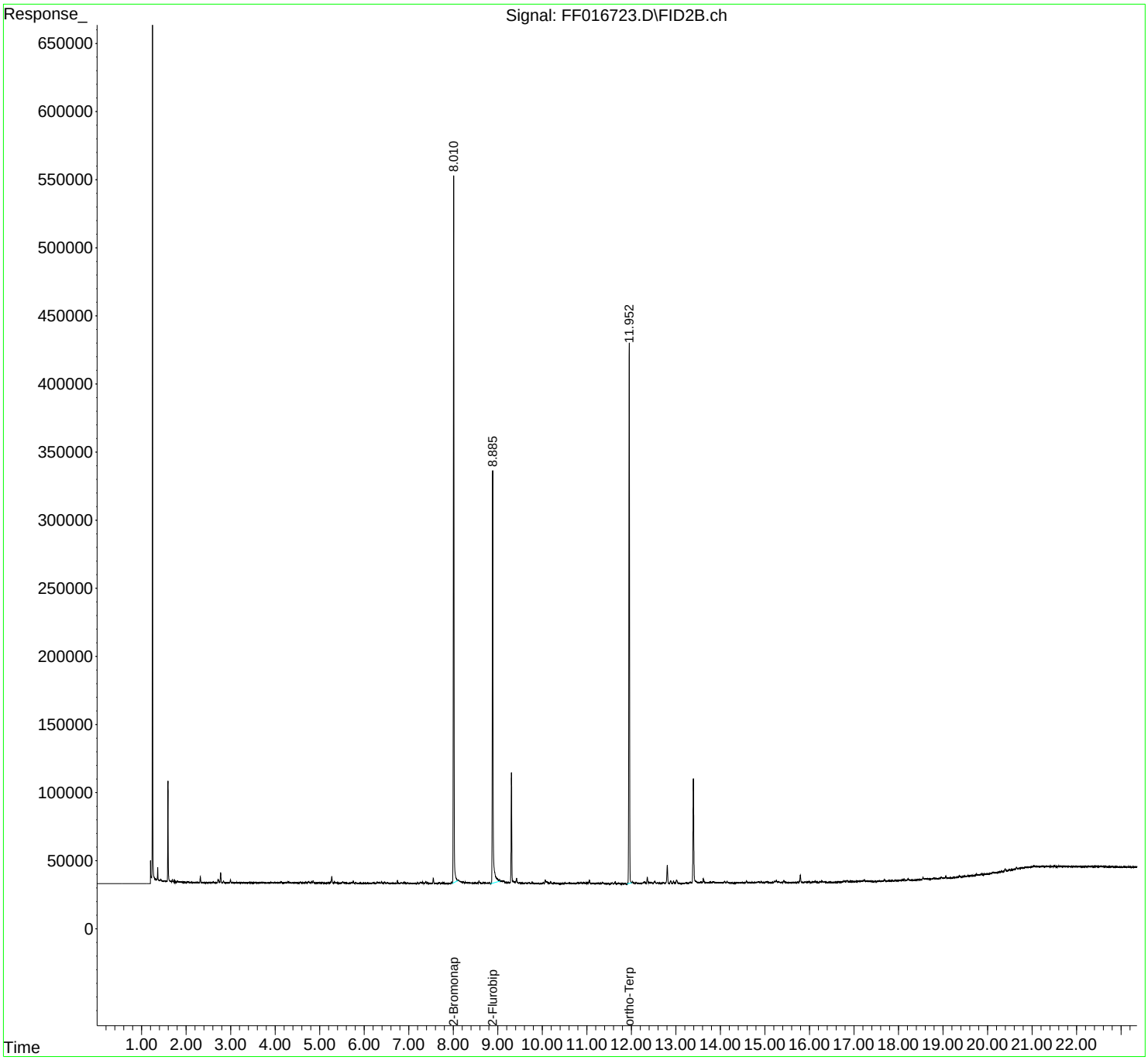
(f)=RT Delta > 1/2 Window (m)=manual int.

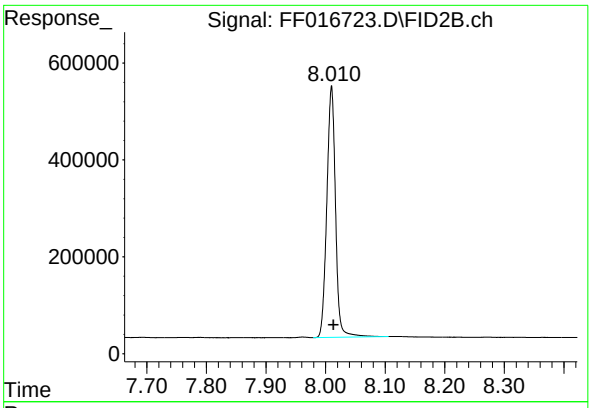
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 00:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

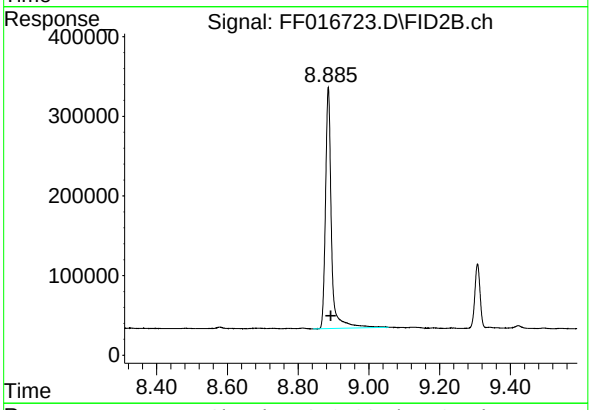




#4 2-Bromonaphthalene (SURR)

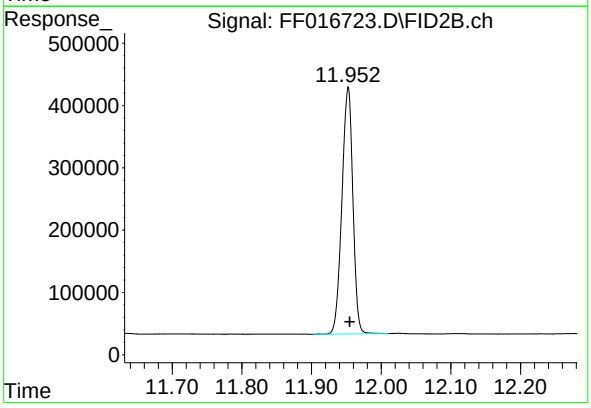
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 5264631
Conc: 46.46 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-2



#6 2-Flurobiphenyl (SURR)

R.T.: 8.885 min
Delta R.T.: -0.007 min
Response: 3530106
Conc: 49.50 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 4332904
Conc: 29.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.475	4.462	4.496	VV	262	2794	0.05%	0.014%
2	4.501	4.496	4.535	VV	172	1203	0.02%	0.006%
3	4.567	4.543	4.592	PV	1063	11766	0.22%	0.060%
4	4.603	4.592	4.627	VV	367	4038	0.08%	0.021%
5	4.635	4.627	4.653	VV	156	1470	0.03%	0.008%
6	4.678	4.653	4.684	VV	498	4104	0.08%	0.021%
7	4.693	4.684	4.714	VV	453	5324	0.10%	0.027%
8	4.734	4.714	4.742	VV	672	7359	0.14%	0.038%
9	4.757	4.742	4.782	VV	1360	16450	0.31%	0.084%
10	4.788	4.782	4.799	VV	230	1661	0.03%	0.009%
11	4.820	4.799	4.836	VV	971	10950	0.20%	0.056%
12	4.853	4.836	4.876	VV	1674	18257	0.34%	0.094%
13	4.884	4.876	4.908	VV	156	1862	0.03%	0.010%
14	4.931	4.921	4.947	VV	196	1828	0.03%	0.009%
15	4.982	4.947	5.008	VV	562	8684	0.16%	0.045%
16	5.041	5.031	5.054	VV	178	1769	0.03%	0.009%
17	5.069	5.054	5.083	VV	285	3347	0.06%	0.017%
18	5.090	5.083	5.107	VV	136	1355	0.03%	0.007%
19	5.123	5.107	5.133	VV	134	1269	0.02%	0.007%
20	5.143	5.133	5.156	VV	160	1016	0.02%	0.005%
21	5.190	5.156	5.217	PV	368	6556	0.12%	0.034%
22	5.246	5.217	5.253	VV	636	7391	0.14%	0.038%
23	5.272	5.253	5.312	VV	4813	59201	1.10%	0.304%
24	5.333	5.312	5.356	VV	1008	13508	0.25%	0.069%
25	5.359	5.356	5.365	VV	223	1291	0.02%	0.007%
26	5.389	5.365	5.427	VV	344	6830	0.13%	0.035%
27	5.451	5.442	5.467	VV	136	1632	0.03%	0.008%
28	5.479	5.467	5.497	VV	296	3056	0.06%	0.016%
29	5.516	5.497	5.559	VV	1081	18327	0.34%	0.094%
30	5.565	5.559	5.574	VV	301	2369	0.04%	0.012%
31	5.578	5.574	5.616	VV	296	5201	0.10%	0.027%
32	5.644	5.630	5.650	VV	150	1190	0.02%	0.006%
33	5.673	5.650	5.691	VV	320	3552	0.07%	0.018%
34	5.710	5.691	5.727	VV	604	8011	0.15%	0.041%
35	5.755	5.727	5.779	VV	1554	19812	0.37%	0.102%
36	5.816	5.779	5.833	VV	730	7032	0.13%	0.036%

rteres

37	5.886	5.847	5.899	VV	264	4925	0.09%	0.025%
38	5.908	5.899	5.958	VV	348	5110	0.10%	0.026%
39	5.975	5.958	5.991	VV	246	2797	0.05%	0.014%
40	6.021	5.991	6.045	VV	349	6829	0.13%	0.035%
41	6.059	6.045	6.066	VV	247	2316	0.04%	0.012%
42	6.080	6.066	6.121	VV	357	6735	0.13%	0.035%
43	6.144	6.135	6.168	VV	170	2115	0.04%	0.011%
44	6.197	6.168	6.230	PV	667	11726	0.22%	0.060%
45	6.245	6.230	6.264	VV	395	5068	0.09%	0.026%
46	6.294	6.264	6.327	VV	917	22503	0.42%	0.115%
47	6.345	6.327	6.369	VV	847	12050	0.22%	0.062%
48	6.390	6.369	6.422	VV	1475	20666	0.39%	0.106%
49	6.455	6.422	6.483	VV	1243	20596	0.38%	0.106%
50	6.492	6.483	6.497	VV	170	1308	0.02%	0.007%
51	6.528	6.497	6.578	VV	571	16166	0.30%	0.083%
52	6.586	6.578	6.619	VV	297	5126	0.10%	0.026%
53	6.635	6.619	6.644	VV	249	2613	0.05%	0.013%
54	6.672	6.644	6.690	VV	224	4388	0.08%	0.023%
55	6.706	6.699	6.718	VV	180	1328	0.02%	0.007%
56	6.745	6.718	6.771	VV	2244	26289	0.49%	0.135%
57	6.776	6.771	6.780	VV	257	1125	0.02%	0.006%
58	6.786	6.780	6.808	VV	296	3403	0.06%	0.017%
59	6.831	6.808	6.852	VV	942	11821	0.22%	0.061%
60	6.868	6.852	6.882	VV	640	6760	0.13%	0.035%
61	6.899	6.882	6.922	VV	1503	17906	0.33%	0.092%
62	6.934	6.922	6.956	VV	507	6144	0.11%	0.032%
63	6.974	6.956	7.005	VV	920	10198	0.19%	0.052%
64	7.031	7.005	7.054	VV	296	4201	0.08%	0.022%
65	7.089	7.075	7.112	VV	243	2613	0.05%	0.013%
66	7.125	7.112	7.137	VV	190	1997	0.04%	0.010%
67	7.153	7.137	7.176	VV	308	3591	0.07%	0.018%
68	7.201	7.176	7.237	PV	954	13223	0.25%	0.068%
69	7.258	7.237	7.271	VV	1275	15687	0.29%	0.081%
70	7.277	7.271	7.292	VV	787	8152	0.15%	0.042%
71	7.322	7.292	7.349	VV	1008	22947	0.43%	0.118%
72	7.386	7.349	7.411	VV	1701	29621	0.55%	0.152%
73	7.426	7.411	7.451	VV	584	6995	0.13%	0.036%
74	7.468	7.451	7.474	VV	247	2371	0.04%	0.012%
75	7.494	7.474	7.516	VV	472	6969	0.13%	0.036%
76	7.552	7.524	7.585	VV	4166	46999	0.88%	0.241%
77	7.614	7.585	7.622	PV	423	4849	0.09%	0.025%
78	7.630	7.622	7.645	VV	472	3956	0.07%	0.020%
79	7.662	7.645	7.674	VV	616	7239	0.13%	0.037%
80	7.694	7.674	7.720	VV	754	11735	0.22%	0.060%
81	7.733	7.720	7.744	VV	277	2797	0.05%	0.014%
82	7.763	7.744	7.775	VV	606	7836	0.15%	0.040%
83	7.789	7.775	7.832	VV	701	8524	0.16%	0.044%
84	7.861	7.832	7.882	VV	241	3768	0.07%	0.019%
85	7.916	7.882	7.920	PV	175	2369	0.04%	0.012%
86	7.926	7.920	7.944	VV	237	1829	0.03%	0.009%
87	7.962	7.944	7.978	VV	1486	15381	0.29%	0.079%
88	8.010	7.978	8.106	VV	519892	5364508	100.00%	27.531%
89	8.113	8.106	8.215	VV	2605	112330	2.09%	0.576%

rteres

90	8.223	8.215	8.252	VV	1170	21433	0.40%	0.110%
91	8.270	8.252	8.298	VV	1274	25583	0.48%	0.131%
92	8.306	8.298	8.315	VV	822	8080	0.15%	0.041%
93	8.328	8.315	8.349	VV	1039	16191	0.30%	0.083%
94	8.364	8.349	8.385	VV	739	13890	0.26%	0.071%
95	8.391	8.385	8.396	VV	585	4060	0.08%	0.021%
96	8.408	8.396	8.427	VV	602	9506	0.18%	0.049%
97	8.481	8.427	8.503	VV	851	24260	0.45%	0.125%
98	8.509	8.503	8.514	VV	519	3379	0.06%	0.017%
99	8.519	8.514	8.535	VV	499	5978	0.11%	0.031%
100	8.551	8.535	8.560	VV	596	7534	0.14%	0.039%
101	8.578	8.560	8.602	VV	2233	31482	0.59%	0.162%
102	8.607	8.602	8.623	VV	632	7195	0.13%	0.037%
103	8.627	8.623	8.655	VV	448	7239	0.13%	0.037%
104	8.677	8.655	8.715	VV	842	23634	0.44%	0.121%
105	8.731	8.715	8.754	VV	737	12456	0.23%	0.064%
106	8.772	8.754	8.794	VV	705	12135	0.23%	0.062%
107	8.813	8.794	8.843	VV	1063	15051	0.28%	0.077%
108	8.885	8.843	9.027	VV	303535	3622754	67.53%	18.592%
109	9.040	9.027	9.058	VV	2681	47319	0.88%	0.243%
110	9.064	9.058	9.082	VV	2108	28857	0.54%	0.148%
111	9.091	9.082	9.105	VV	1911	24968	0.47%	0.128%
112	9.125	9.105	9.164	VV	2150	60058	1.12%	0.308%
113	9.183	9.164	9.216	VV	1354	30457	0.57%	0.156%
114	9.233	9.216	9.261	VV	1195	24508	0.46%	0.126%
115	9.265	9.261	9.267	VV	719	2783	0.05%	0.014%
116	9.307	9.267	9.332	VV	81759	853864	15.92%	4.382%
117	9.342	9.332	9.355	VV	2154	25782	0.48%	0.132%
118	9.362	9.355	9.376	VV	1507	16263	0.30%	0.083%
119	9.423	9.376	9.473	VV	4073	91967	1.71%	0.472%
120	9.494	9.473	9.524	VV	1110	20299	0.38%	0.104%
121	9.544	9.524	9.571	VV	794	13932	0.26%	0.071%
122	9.592	9.571	9.602	VV	536	7963	0.15%	0.041%
123	9.606	9.602	9.614	VV	528	3271	0.06%	0.017%
124	9.625	9.614	9.670	VV	719	15692	0.29%	0.081%
125	9.691	9.670	9.700	VV	728	9551	0.18%	0.049%
126	9.709	9.700	9.731	VV	786	10136	0.19%	0.052%
127	9.738	9.731	9.751	VV	324	3099	0.06%	0.016%
128	9.773	9.751	9.816	VV	1565	24876	0.46%	0.128%
129	9.855	9.816	9.889	VV	386	11017	0.21%	0.057%
130	9.912	9.889	9.944	VV	617	8297	0.15%	0.043%
131	9.969	9.944	9.999	VV	345	6638	0.12%	0.034%
132	10.022	9.999	10.046	VV	1177	15032	0.28%	0.077%
133	10.067	10.046	10.097	VV	2664	51685	0.96%	0.265%
134	10.106	10.097	10.168	VV	1553	37751	0.70%	0.194%
135	10.188	10.168	10.229	VV	1637	26649	0.50%	0.137%
136	10.235	10.229	10.241	VV	294	1885	0.04%	0.010%
137	10.262	10.241	10.321	VV	675	21553	0.40%	0.111%
138	10.336	10.321	10.347	VV	438	5120	0.10%	0.026%
139	10.358	10.347	10.405	VV	410	6171	0.12%	0.032%
140	10.430	10.405	10.450	VV	208	3157	0.06%	0.016%
141	10.466	10.450	10.483	VV	371	5063	0.09%	0.026%

rteres

142	10.509	10.483	10.532	VV	743	13781	0.26%	0.071%
143	10.537	10.532	10.547	VV	371	2786	0.05%	0.014%
144	10.584	10.547	10.602	VV	797	15845	0.30%	0.081%
145	10.619	10.602	10.642	VV	732	11844	0.22%	0.061%
146	10.669	10.642	10.688	VV	536	10597	0.20%	0.054%
147	10.707	10.688	10.732	VV	484	9632	0.18%	0.049%
148	10.739	10.732	10.751	VV	346	3236	0.06%	0.017%
149	10.752	10.751	10.759	VV	335	1229	0.02%	0.006%
150	10.792	10.759	10.809	VV	880	15326	0.29%	0.079%
151	10.824	10.809	10.843	VV	732	12744	0.24%	0.065%
152	10.865	10.843	10.891	VV	883	19209	0.36%	0.099%
153	10.929	10.891	10.967	VV	862	27902	0.52%	0.143%
154	10.984	10.967	11.007	VV	843	14071	0.26%	0.072%
155	11.024	11.007	11.028	VV	622	7384	0.14%	0.038%
156	11.058	11.028	11.117	VV	2515	50870	0.95%	0.261%
157	11.126	11.117	11.134	VV	434	3690	0.07%	0.019%
158	11.138	11.134	11.141	VV	464	1752	0.03%	0.009%
159	11.148	11.141	11.192	VV	485	10006	0.19%	0.051%
160	11.217	11.192	11.229	VV	484	8442	0.16%	0.043%
161	11.247	11.229	11.286	VV	599	13953	0.26%	0.072%
162	11.300	11.286	11.313	VV	488	6649	0.12%	0.034%
163	11.355	11.313	11.375	VV	1193	24186	0.45%	0.124%
164	11.384	11.375	11.406	VV	421	5351	0.10%	0.027%
165	11.433	11.406	11.451	VV	309	5797	0.11%	0.030%
166	11.472	11.451	11.481	VV	227	2784	0.05%	0.014%
167	11.489	11.481	11.525	VV	152	2279	0.04%	0.012%
168	11.566	11.525	11.604	VV	957	15927	0.30%	0.082%
169	11.634	11.604	11.665	VV	1520	21602	0.40%	0.111%
170	11.685	11.665	11.696	VV	365	5235	0.10%	0.027%
171	11.707	11.696	11.744	VV	531	10639	0.20%	0.055%
172	11.750	11.744	11.777	VV	206	2252	0.04%	0.012%
173	11.791	11.777	11.806	VV	227	2070	0.04%	0.011%
174	11.824	11.806	11.839	PV	209	2467	0.05%	0.013%
175	11.848	11.839	11.853	VV	224	1437	0.03%	0.007%
176	11.864	11.853	11.878	VV	263	2600	0.05%	0.013%
177	11.882	11.878	11.903	VV	181	1231	0.02%	0.006%
178	11.953	11.903	12.011	PV	396464	4364737	81.36%	22.400%
179	12.025	12.011	12.087	VV	1391	36358	0.68%	0.187%
180	12.116	12.087	12.141	VV	991	21255	0.40%	0.109%
181	12.155	12.141	12.176	VV	391	7202	0.13%	0.037%
182	12.191	12.176	12.194	VV	371	3357	0.06%	0.017%
183	12.211	12.194	12.220	VV	471	6112	0.11%	0.031%
184	12.229	12.220	12.245	VV	544	7061	0.13%	0.036%
185	12.298	12.245	12.321	VV	1456	41371	0.77%	0.212%
186	12.359	12.321	12.385	VV	4758	72602	1.35%	0.373%
187	12.399	12.385	12.423	VV	1210	19841	0.37%	0.102%
188	12.442	12.423	12.451	VV	815	10929	0.20%	0.056%
189	12.456	12.451	12.461	VV	728	4139	0.08%	0.021%
190	12.465	12.461	12.485	VV	736	7623	0.14%	0.039%
191	12.525	12.485	12.556	VV	1903	42458	0.79%	0.218%
192	12.586	12.556	12.626	VV	732	22303	0.42%	0.114%
193	12.629	12.626	12.638	VV	411	2697	0.05%	0.014%
194	12.662	12.638	12.677	VV	582	10254	0.19%	0.053%

rteres

195	12.684	12.677	12.695	VV	546	5411	0.10%	0.028%
196	12.720	12.695	12.756	VV	675	20289	0.38%	0.104%
197	12.808	12.756	12.854	VV	13416	191342	3.57%	0.982%
198	12.883	12.854	12.919	VV	2105	35973	0.67%	0.185%
199	12.947	12.919	12.969	VV	1928	26669	0.50%	0.137%
200	13.016	12.969	13.055	VV	2692	57673	1.08%	0.296%
201	13.070	13.055	13.131	VV	339	7640	0.14%	0.039%
202	13.143	13.131	13.147	VV	200	1033	0.02%	0.005%
203	13.152	13.147	13.177	VV	146	1817	0.03%	0.009%
204	13.234	13.177	13.256	VV	516	15018	0.28%	0.077%
205	13.266	13.256	13.291	VV	377	4651	0.09%	0.024%
206	13.313	13.291	13.342	VV	1137	22871	0.43%	0.117%
207	13.346	13.342	13.358	VV	686	6002	0.11%	0.031%
208	13.393	13.358	13.507	VV	77152	1037560	19.34%	5.325%
209	13.518	13.507	13.526	VV	746	7464	0.14%	0.038%
210	13.529	13.526	13.541	VV	708	5951	0.11%	0.031%
211	13.561	13.541	13.575	VV	1098	17669	0.33%	0.091%
212	13.579	13.575	13.589	VV	821	6692	0.12%	0.034%
213	13.617	13.589	13.661	VV	3255	65200	1.22%	0.335%
214	13.676	13.661	13.741	VV	788	26195	0.49%	0.134%
215	13.765	13.741	13.796	VV	989	24614	0.46%	0.126%
216	13.834	13.796	13.847	VV	1074	25363	0.47%	0.130%
217	13.852	13.847	13.881	VV	1088	13810	0.26%	0.071%
218	13.899	13.881	13.939	VV	574	15984	0.30%	0.082%
219	13.945	13.939	13.964	VV	508	6297	0.12%	0.032%
220	14.018	13.964	14.046	VV	751	24121	0.45%	0.124%
221	14.098	14.046	14.122	VV	1434	33308	0.62%	0.171%
222	14.150	14.122	14.177	VV	1486	24802	0.46%	0.127%
223	14.182	14.177	14.227	VV	449	8708	0.16%	0.045%
224	14.234	14.227	14.259	VV	230	3962	0.07%	0.020%
225	14.270	14.259	14.300	VV	272	4191	0.08%	0.022%
226	14.377	14.335	14.404	VV	354	9043	0.17%	0.046%
227	14.420	14.404	14.436	VV	281	4258	0.08%	0.022%
228	14.446	14.436	14.463	VV	270	3563	0.07%	0.018%
229	14.487	14.463	14.506	VV	419	7767	0.14%	0.040%
230	14.515	14.506	14.523	VV	247	2117	0.04%	0.011%
231	14.537	14.523	14.554	VV	257	3954	0.07%	0.020%
232	14.589	14.554	14.629	VV	1401	32459	0.61%	0.167%
233	14.634	14.629	14.664	VV	562	10380	0.19%	0.053%
234	14.671	14.664	14.692	VV	470	7062	0.13%	0.036%
235	14.714	14.692	14.735	VV	662	11664	0.22%	0.060%
236	14.740	14.735	14.749	VV	339	2653	0.05%	0.014%
237	14.769	14.749	14.790	VV	445	9147	0.17%	0.047%
238	14.801	14.790	14.804	VV	558	4329	0.08%	0.022%
239	14.860	14.804	14.895	VV	809	33839	0.63%	0.174%
240	14.922	14.895	14.949	VV	980	20027	0.37%	0.103%
241	14.970	14.949	14.994	VV	534	11094	0.21%	0.057%
242	15.031	14.994	15.050	VV	755	19606	0.37%	0.101%
243	15.061	15.050	15.090	VV	782	12679	0.24%	0.065%
244	15.093	15.090	15.142	VV	336	8515	0.16%	0.044%
245	15.172	15.142	15.187	VV	606	10798	0.20%	0.055%
246	15.213	15.187	15.224	VV	1236	18323	0.34%	0.094%

rteres

247	15.256	15.224	15.292	VV	1702	44850	0.84%	0.230%
248	15.314	15.292	15.357	VV	1097	23349	0.44%	0.120%
249	15.382	15.357	15.400	VV	467	8080	0.15%	0.041%
250	15.425	15.400	15.469	VV	1919	34534	0.64%	0.177%
251	15.478	15.469	15.496	VV	594	3844	0.07%	0.020%
252	15.500	15.496	15.514	VV	212	1319	0.02%	0.007%
253	15.529	15.514	15.544	VV	192	2006	0.04%	0.010%
254	15.571	15.544	15.594	VV	250	4483	0.08%	0.023%
255	15.623	15.594	15.656	VV	366	7077	0.13%	0.036%
256	15.687	15.656	15.715	VV	322	7302	0.14%	0.037%
257	15.750	15.715	15.755	VV	360	6178	0.12%	0.032%
258	15.795	15.755	15.828	VV	5705	85131	1.59%	0.437%
259	15.835	15.828	15.870	VV	374	6077	0.11%	0.031%
260	15.899	15.870	15.932	VV	779	17830	0.33%	0.092%
261	15.940	15.932	15.960	VV	440	6627	0.12%	0.034%
262	15.989	15.960	16.041	VV	840	21769	0.41%	0.112%
263	16.045	16.041	16.057	VV	383	3081	0.06%	0.016%
264	16.063	16.057	16.069	VV	377	2593	0.05%	0.013%
265	16.073	16.069	16.076	VV	491	1744	0.03%	0.009%
266	16.094	16.076	16.101	VV	550	7156	0.13%	0.037%
267	16.134	16.101	16.157	VV	880	20401	0.38%	0.105%
268	16.172	16.157	16.204	VV	392	6871	0.13%	0.035%
269	16.209	16.204	16.216	VV	191	1166	0.02%	0.006%
270	16.239	16.216	16.260	VV	981	15583	0.29%	0.080%
271	16.281	16.260	16.313	VV	1224	22431	0.42%	0.115%
272	16.332	16.313	16.404	VV	628	17841	0.33%	0.092%
273	16.412	16.404	16.424	VV	126	1348	0.03%	0.007%
274	16.428	16.424	16.441	VV	170	1130	0.02%	0.006%
275	16.457	16.441	16.482	VV	243	4440	0.08%	0.023%
276	16.492	16.482	16.513	VV	235	2481	0.05%	0.013%
277	16.519	16.513	16.551	PV	191	2712	0.05%	0.014%
278	16.564	16.551	16.569	VV	174	1434	0.03%	0.007%
279	16.582	16.569	16.606	VV	216	3466	0.06%	0.018%
280	16.664	16.606	16.673	VV	252	6671	0.12%	0.034%
281	16.677	16.673	16.686	VV	204	1282	0.02%	0.007%
282	16.720	16.686	16.743	VV	303	7268	0.14%	0.037%
283	16.768	16.743	16.801	VV	1068	23655	0.44%	0.121%
284	16.807	16.801	16.822	VV	670	8015	0.15%	0.041%
285	16.846	16.822	16.875	VV	1309	25882	0.48%	0.133%
286	16.881	16.875	16.888	VV	429	3213	0.06%	0.016%
287	16.898	16.888	16.902	VV	476	3454	0.06%	0.018%
288	16.920	16.902	16.934	VV	604	10413	0.19%	0.053%
289	16.940	16.934	16.949	VV	544	4455	0.08%	0.023%
290	16.957	16.949	16.967	VV	578	5519	0.10%	0.028%
291	16.971	16.967	16.979	VV	536	3287	0.06%	0.017%
292	16.982	16.979	17.006	VV	467	6865	0.13%	0.035%
293	17.009	17.006	17.017	VV	456	2453	0.05%	0.013%
294	17.024	17.017	17.032	VV	433	3373	0.06%	0.017%
295	17.038	17.032	17.044	VV	380	2455	0.05%	0.013%
296	17.053	17.044	17.065	VV	440	4662	0.09%	0.024%
297	17.090	17.065	17.111	VV	578	12741	0.24%	0.065%
298	17.119	17.111	17.126	VV	598	4904	0.09%	0.025%
299	17.130	17.126	17.141	VV	612	4308	0.08%	0.022%

rteres

300	17.165	17.141	17.179	VV	682	12954	0.24%	0.066%
301	17.209	17.179	17.214	VV	973	14768	0.28%	0.076%
302	17.232	17.214	17.266	VV	1179	24372	0.45%	0.125%
303	17.281	17.266	17.296	VV	625	9563	0.18%	0.049%
304	17.312	17.296	17.332	VV	695	10990	0.20%	0.056%
305	17.335	17.332	17.346	VV	384	2610	0.05%	0.013%
306	17.349	17.346	17.366	VV	338	3032	0.06%	0.016%
307	17.387	17.373	17.402	VV	218	3149	0.06%	0.016%
308	17.423	17.414	17.448	VV	189	2276	0.04%	0.012%
309	17.472	17.461	17.492	PV	197	1601	0.03%	0.008%
310	17.514	17.501	17.522	VV	168	1551	0.03%	0.008%
311	17.565	17.522	17.594	VV	408	9330	0.17%	0.048%
312	17.614	17.594	17.619	VV	139	1679	0.03%	0.009%
313	17.646	17.633	17.652	VV	232	1981	0.04%	0.010%
314	17.687	17.652	17.722	VV	981	19704	0.37%	0.101%
315	17.729	17.722	17.739	VV	160	1110	0.02%	0.006%
316	17.747	17.739	17.759	VV	142	1380	0.03%	0.007%
317	17.782	17.759	17.819	VV	381	9810	0.18%	0.050%
318	17.836	17.824	17.849	VV	203	2451	0.05%	0.013%
319	17.855	17.849	17.865	VV	224	1745	0.03%	0.009%
320	17.898	17.865	17.910	VV	195	4245	0.08%	0.022%
321	17.943	17.910	17.959	VV	293	5641	0.11%	0.029%
322	17.964	17.959	17.980	VV	186	1740	0.03%	0.009%
323	17.986	17.980	18.005	VV	103	1149	0.02%	0.006%
324	18.051	18.019	18.059	VV	249	4301	0.08%	0.022%
325	18.124	18.059	18.155	VV	1150	28657	0.53%	0.147%
326	18.167	18.155	18.172	VV	216	1679	0.03%	0.009%
327	18.216	18.172	18.261	VV	1099	24057	0.45%	0.123%
328	18.270	18.261	18.292	VV	325	4619	0.09%	0.024%
329	18.298	18.292	18.316	VV	211	2215	0.04%	0.011%
330	18.346	18.338	18.367	VV	138	1481	0.03%	0.008%
331	18.419	18.381	18.424	PV	199	3179	0.06%	0.016%
332	18.450	18.424	18.467	VV	325	4675	0.09%	0.024%
333	18.501	18.467	18.507	VV	308	3837	0.07%	0.020%
334	18.549	18.512	18.594	VV	1332	32308	0.60%	0.166%
335	18.601	18.594	18.619	VV	505	6043	0.11%	0.031%
336	18.641	18.619	18.665	VV	517	10211	0.19%	0.052%
337	18.677	18.665	18.705	VV	280	4614	0.09%	0.024%
338	18.792	18.731	18.851	PBA	466	15411	0.29%	0.079%
			Sum of corrected areas:			19485451		

Aromatic EPH 102925.M Tue Nov 18 01:15:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.481	4466629	37.088 ug/ml
Spiked Amount 50.000		Recovery = 74.18%	
Target Compounds			

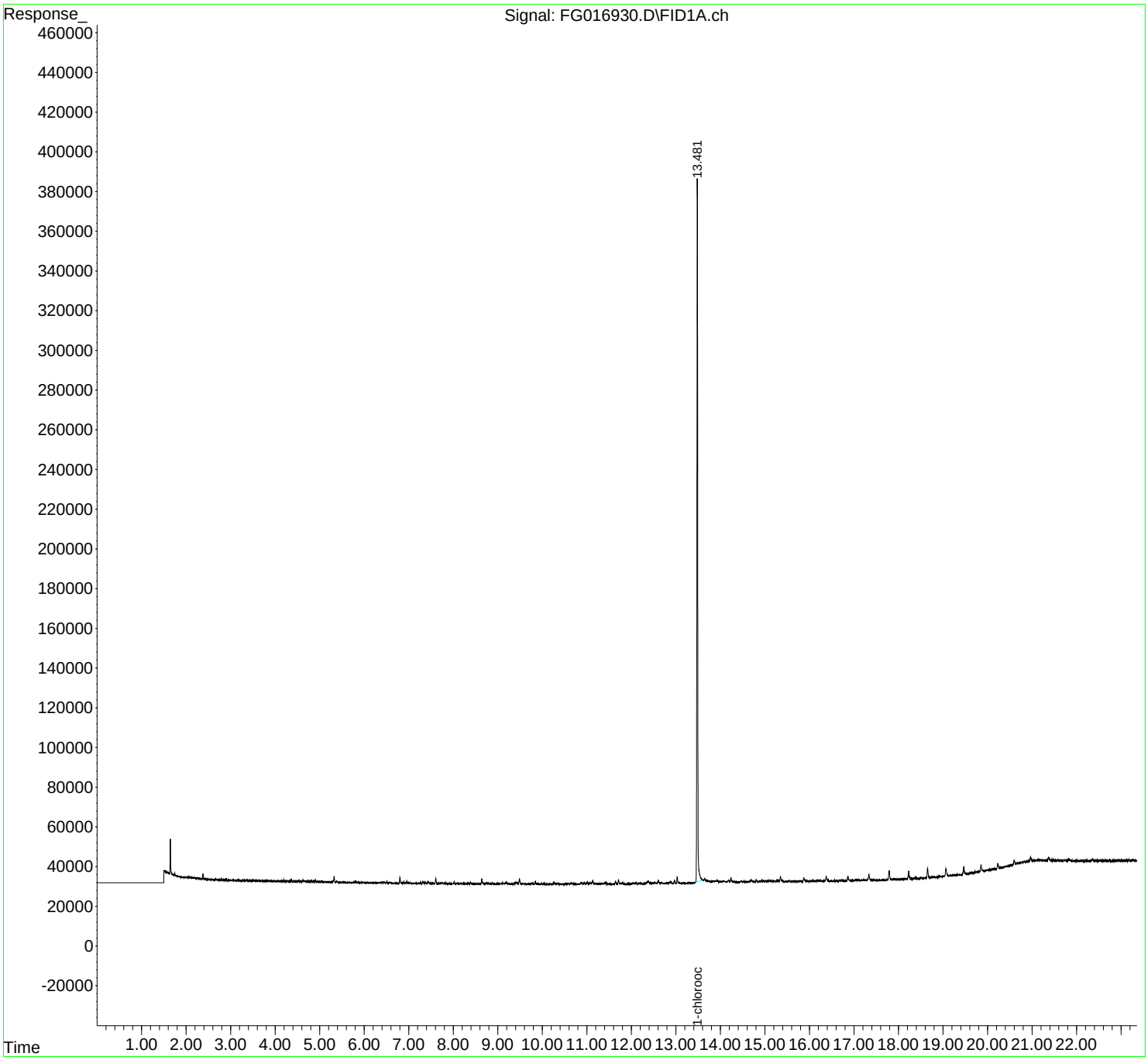
(f)=RT Delta > 1/2 Window (m)=manual int.

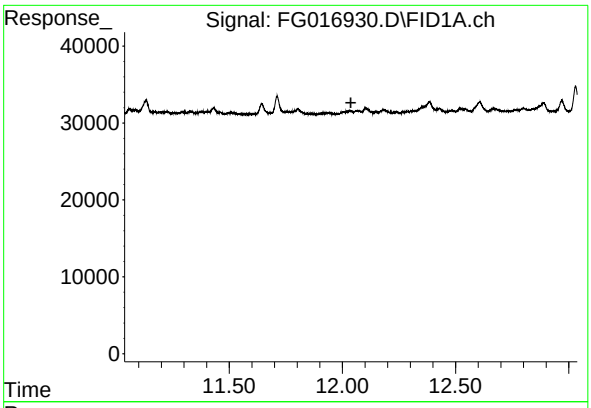
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

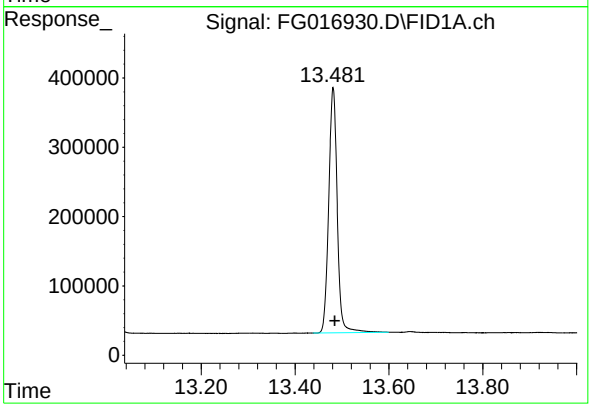




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-2



#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 4466629
Conc: 37.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.222	3.288	BV	59	1156	0.03%	0.010%
2	3.290	3.288	3.330	PV	68	461	0.01%	0.004%
3	3.363	3.330	3.420	VV	297	4161	0.09%	0.036%
4	3.428	3.420	3.465	VV	57	1067	0.02%	0.009%
5	3.475	3.465	3.492	VV	84	769	0.02%	0.007%
6	3.509	3.492	3.518	VV	93	976	0.02%	0.008%
7	3.529	3.518	3.578	VV	86	1399	0.03%	0.012%
8	3.604	3.578	3.645	VV	101	2954	0.06%	0.026%
9	3.648	3.645	3.662	VV	103	760	0.02%	0.007%
10	3.685	3.662	3.703	VV	159	2365	0.05%	0.020%
11	3.716	3.703	3.731	VV	99	1187	0.03%	0.010%
12	3.754	3.731	3.788	VV	225	3176	0.07%	0.027%
13	3.814	3.788	3.837	VV	208	2549	0.06%	0.022%
14	3.849	3.837	3.934	VV	97	4260	0.09%	0.037%
15	3.953	3.934	4.034	VV	168	4806	0.10%	0.042%
16	4.058	4.034	4.068	VV	143	1987	0.04%	0.017%
17	4.078	4.068	4.124	VV	169	2215	0.05%	0.019%
18	4.136	4.124	4.142	VV	97	702	0.02%	0.006%
19	4.157	4.142	4.174	VV	317	3651	0.08%	0.032%
20	4.192	4.174	4.222	VV	567	7578	0.16%	0.066%
21	4.230	4.222	4.250	VV	111	1404	0.03%	0.012%
22	4.270	4.250	4.315	VV	248	4727	0.10%	0.041%
23	4.328	4.315	4.337	VV	168	1800	0.04%	0.016%
24	4.363	4.337	4.385	VV	561	8364	0.18%	0.072%
25	4.390	4.385	4.408	VV	172	1505	0.03%	0.013%
26	4.422	4.408	4.458	VV	133	3589	0.08%	0.031%
27	4.498	4.458	4.512	VV	186	4345	0.09%	0.038%
28	4.531	4.512	4.558	VV	384	6851	0.15%	0.059%
29	4.568	4.558	4.605	VV	229	4616	0.10%	0.040%
30	4.621	4.605	4.683	VV	900	16262	0.35%	0.141%
31	4.695	4.683	4.722	VV	193	3797	0.08%	0.033%
32	4.745	4.722	4.772	VV	434	8833	0.19%	0.076%
33	4.779	4.772	4.785	VV	199	1430	0.03%	0.012%
34	4.809	4.785	4.854	VV	830	14392	0.31%	0.125%
35	4.873	4.854	4.888	VV	709	8233	0.18%	0.071%
36	4.906	4.888	4.948	VV	1092	14688	0.32%	0.127%

rteres

37	4.973	4.948	4.999	VV	223	5606	0.12%	0.049%
38	5.037	4.999	5.075	VV	400	9779	0.21%	0.085%
39	5.079	5.075	5.110	VV	224	3836	0.08%	0.033%
40	5.119	5.110	5.176	VV	229	5818	0.13%	0.050%
41	5.185	5.176	5.198	VV	137	1433	0.03%	0.012%
42	5.238	5.198	5.277	VV	291	7941	0.17%	0.069%
43	5.325	5.277	5.360	VV	2938	41838	0.91%	0.362%
44	5.387	5.360	5.419	VV	689	10927	0.24%	0.095%
45	5.443	5.419	5.485	VV	288	4989	0.11%	0.043%
46	5.534	5.485	5.558	PV	179	5507	0.12%	0.048%
47	5.571	5.558	5.603	VV	162	2818	0.06%	0.024%
48	5.613	5.603	5.629	PV	109	1301	0.03%	0.011%
49	5.645	5.629	5.698	VV	139	4391	0.10%	0.038%
50	5.729	5.698	5.748	VV	261	4194	0.09%	0.036%
51	5.766	5.748	5.792	VV	489	7605	0.17%	0.066%
52	5.807	5.792	5.852	VV	980	13161	0.29%	0.114%
53	5.869	5.852	5.905	VV	286	4942	0.11%	0.043%
54	5.955	5.905	6.015	VV	306	10080	0.22%	0.087%
55	6.025	6.015	6.046	VV	163	1618	0.04%	0.014%
56	6.074	6.046	6.112	VV	290	5089	0.11%	0.044%
57	6.134	6.112	6.166	VV	271	4068	0.09%	0.035%
58	6.201	6.166	6.227	VV	155	2471	0.05%	0.021%
59	6.247	6.227	6.268	PV	277	2847	0.06%	0.025%
60	6.298	6.268	6.324	VV	232	4043	0.09%	0.035%
61	6.360	6.324	6.382	VV	493	9149	0.20%	0.079%
62	6.399	6.382	6.425	VV	605	7967	0.17%	0.069%
63	6.445	6.425	6.487	VV	912	14108	0.31%	0.122%
64	6.508	6.487	6.545	VV	848	11492	0.25%	0.099%
65	6.577	6.545	6.612	VV	332	7930	0.17%	0.069%
66	6.622	6.612	6.660	VV	114	1936	0.04%	0.017%
67	6.687	6.660	6.705	VV	124	1528	0.03%	0.013%
68	6.712	6.705	6.722	VV	208	626	0.01%	0.005%
69	6.731	6.722	6.751	VV	81	805	0.02%	0.007%
70	6.762	6.751	6.768	VV	61	494	0.01%	0.004%
71	6.801	6.768	6.872	VV	3045	44651	0.97%	0.386%
72	6.886	6.872	6.908	VV	686	7961	0.17%	0.069%
73	6.924	6.908	6.937	VV	360	4399	0.10%	0.038%
74	6.955	6.937	6.977	VV	1052	12886	0.28%	0.112%
75	6.990	6.977	7.012	VV	402	5666	0.12%	0.049%
76	7.029	7.012	7.065	VV	620	8320	0.18%	0.072%
77	7.088	7.065	7.122	VV	188	3575	0.08%	0.031%
78	7.143	7.122	7.188	VV	229	4380	0.10%	0.038%
79	7.215	7.188	7.237	VV	187	2898	0.06%	0.025%
80	7.258	7.237	7.292	PV	618	8201	0.18%	0.071%
81	7.314	7.292	7.330	VV	773	11462	0.25%	0.099%
82	7.338	7.330	7.352	VV	679	6273	0.14%	0.054%
83	7.376	7.352	7.407	VV	651	14094	0.31%	0.122%
84	7.442	7.407	7.466	VV	988	18837	0.41%	0.163%
85	7.483	7.466	7.507	VV	413	5245	0.11%	0.045%
86	7.523	7.507	7.534	VV	174	2088	0.05%	0.018%
87	7.551	7.534	7.580	VV	303	5031	0.11%	0.044%
88	7.608	7.580	7.648	VV	2663	32145	0.70%	0.278%
89	7.685	7.648	7.705	VV	348	8087	0.18%	0.070%

rteres

90	7.718	7.705	7.730	VV	423	4394	0.10%	0.038%
91	7.752	7.730	7.799	VV	568	12808	0.28%	0.111%
92	7.818	7.799	7.832	VV	427	5898	0.13%	0.051%
93	7.845	7.832	7.878	VV	445	5724	0.12%	0.050%
94	7.915	7.878	7.955	VV	188	5052	0.11%	0.044%
95	7.965	7.955	7.986	VV	127	1749	0.04%	0.015%
96	8.019	7.986	8.062	VV	993	13369	0.29%	0.116%
97	8.106	8.062	8.115	VV	195	4605	0.10%	0.040%
98	8.121	8.115	8.149	VV	251	2841	0.06%	0.025%
99	8.189	8.149	8.209	VV	293	5983	0.13%	0.052%
100	8.218	8.209	8.229	VV	159	1369	0.03%	0.012%
101	8.245	8.229	8.270	VV	150	2392	0.05%	0.021%
102	8.283	8.270	8.312	VV	140	2405	0.05%	0.021%
103	8.332	8.312	8.365	PV	541	7548	0.16%	0.065%
104	8.388	8.365	8.410	VV	841	10827	0.24%	0.094%
105	8.426	8.410	8.445	VV	240	3971	0.09%	0.034%
106	8.460	8.445	8.499	VV	196	3857	0.08%	0.033%
107	8.508	8.499	8.518	VV	111	926	0.02%	0.008%
108	8.547	8.518	8.614	VV	347	9249	0.20%	0.080%
109	8.641	8.614	8.713	VV	2704	44974	0.98%	0.389%
110	8.754	8.713	8.772	VV	479	12779	0.28%	0.111%
111	8.791	8.772	8.818	VV	503	9342	0.20%	0.081%
112	8.835	8.818	8.858	VV	420	5814	0.13%	0.050%
113	8.876	8.858	8.915	VV	588	7650	0.17%	0.066%
114	8.994	8.915	9.039	PV	404	12835	0.28%	0.111%
115	9.067	9.039	9.082	VV	267	5750	0.13%	0.050%
116	9.104	9.082	9.120	VV	548	8920	0.19%	0.077%
117	9.136	9.120	9.146	VV	426	5740	0.12%	0.050%
118	9.190	9.146	9.230	VV	872	25871	0.56%	0.224%
119	9.249	9.230	9.282	VV	451	6700	0.15%	0.058%
120	9.301	9.282	9.332	VV	353	5657	0.12%	0.049%
121	9.340	9.332	9.348	VV	164	1275	0.03%	0.011%
122	9.374	9.348	9.392	VV	663	9764	0.21%	0.085%
123	9.407	9.392	9.458	VV	1084	24488	0.53%	0.212%
124	9.488	9.458	9.532	VV	2731	44762	0.97%	0.387%
125	9.561	9.532	9.587	VV	659	9513	0.21%	0.082%
126	9.610	9.587	9.646	VV	456	7161	0.16%	0.062%
127	9.663	9.646	9.677	VV	167	2519	0.05%	0.022%
128	9.694	9.677	9.740	VV	311	8295	0.18%	0.072%
129	9.776	9.740	9.818	VV	598	13975	0.30%	0.121%
130	9.842	9.818	9.885	VV	1172	18647	0.41%	0.161%
131	9.914	9.885	9.935	VV	230	5258	0.11%	0.046%
132	9.941	9.935	9.961	VV	166	1923	0.04%	0.017%
133	9.985	9.961	10.014	VV	581	9326	0.20%	0.081%
134	10.038	10.014	10.088	VV	606	11037	0.24%	0.096%
135	10.098	10.088	10.116	VV	175	1627	0.04%	0.014%
136	10.128	10.116	10.139	VV	80	729	0.02%	0.006%
137	10.181	10.139	10.217	PV	416	6941	0.15%	0.060%
138	10.227	10.217	10.238	VV	173	1796	0.04%	0.016%
139	10.260	10.238	10.311	VV	1304	21505	0.47%	0.186%
140	10.332	10.311	10.396	VV	436	14980	0.33%	0.130%
141	10.407	10.396	10.455	VV	213	4640	0.10%	0.040%

rteres

142	10.538	10.455	10.558	PV	300	6520	0.14%	0.056%
143	10.581	10.558	10.602	VV	551	8766	0.19%	0.076%
144	10.609	10.602	10.621	VV	274	2584	0.06%	0.022%
145	10.654	10.621	10.675	VV	708	13707	0.30%	0.119%
146	10.692	10.675	10.714	VV	569	9269	0.20%	0.080%
147	10.742	10.714	10.786	VV	453	11135	0.24%	0.096%
148	10.796	10.786	10.832	VV	178	4008	0.09%	0.035%
149	10.865	10.832	10.879	VV	600	10254	0.22%	0.089%
150	10.897	10.879	10.917	VV	488	9126	0.20%	0.079%
151	10.944	10.917	10.966	VV	702	14747	0.32%	0.128%
152	11.006	10.966	11.040	VV	886	24958	0.54%	0.216%
153	11.061	11.040	11.078	VV	746	12708	0.28%	0.110%
154	11.084	11.078	11.101	VV	636	7520	0.16%	0.065%
155	11.132	11.101	11.192	VV	1915	41569	0.90%	0.360%
156	11.222	11.192	11.243	VV	414	10153	0.22%	0.088%
157	11.258	11.243	11.270	VV	254	3344	0.07%	0.029%
158	11.293	11.270	11.315	VV	314	7047	0.15%	0.061%
159	11.328	11.315	11.355	VV	432	7745	0.17%	0.067%
160	11.375	11.355	11.388	VV	417	6636	0.14%	0.057%
161	11.401	11.388	11.410	VV	410	4881	0.11%	0.042%
162	11.431	11.410	11.452	VV	909	13784	0.30%	0.119%
163	11.460	11.452	11.479	VV	310	3392	0.07%	0.029%
164	11.508	11.479	11.551	VV	272	6918	0.15%	0.060%
165	11.564	11.551	11.602	VV	114	1987	0.04%	0.017%
166	11.643	11.602	11.685	VV	1426	23437	0.51%	0.203%
167	11.711	11.685	11.742	VV	2379	35093	0.76%	0.304%
168	11.759	11.742	11.775	VV	394	6842	0.15%	0.059%
169	11.804	11.775	11.865	VV	738	17075	0.37%	0.148%
170	11.870	11.865	11.888	VV	145	941	0.02%	0.008%
171	11.941	11.888	11.972	PV	192	5989	0.13%	0.052%
172	12.030	11.972	12.052	VV	395	12250	0.27%	0.106%
173	12.103	12.052	12.158	VV	747	24497	0.53%	0.212%
174	12.181	12.158	12.222	VV	533	12673	0.28%	0.110%
175	12.237	12.222	12.258	VV	281	3711	0.08%	0.032%
176	12.306	12.258	12.325	VV	397	11249	0.24%	0.097%
177	12.384	12.325	12.412	VV	1560	45430	0.99%	0.393%
178	12.428	12.412	12.456	VV	664	11787	0.26%	0.102%
179	12.482	12.456	12.502	VV	375	7570	0.16%	0.066%
180	12.522	12.502	12.538	VV	642	10332	0.22%	0.089%
181	12.543	12.538	12.568	VV	560	6888	0.15%	0.060%
182	12.606	12.568	12.643	VV	1431	33414	0.73%	0.289%
183	12.668	12.643	12.742	VV	606	19839	0.43%	0.172%
184	12.764	12.742	12.778	VV	374	6757	0.15%	0.058%
185	12.799	12.778	12.825	VV	567	12436	0.27%	0.108%
186	12.889	12.825	12.935	VV	1264	37514	0.82%	0.325%
187	12.969	12.935	13.001	VV	1573	24868	0.54%	0.215%
188	13.030	13.001	13.082	VV	3394	51323	1.12%	0.444%
189	13.092	13.082	13.133	VV	317	6763	0.15%	0.059%
190	13.153	13.133	13.259	VV	312	11061	0.24%	0.096%
191	13.309	13.259	13.342	PV	397	13490	0.29%	0.117%
192	13.357	13.342	13.373	VV	317	4418	0.10%	0.038%
193	13.400	13.373	13.409	VV	445	6680	0.15%	0.058%
194	13.481	13.409	13.624	VV	355055	4598915	100.00%	39.803%

rteres

195	13.646	13.624	13.679	VV	2531	59264	1.29%	0.513%
196	13.695	13.679	13.745	VV	1423	47706	1.04%	0.413%
197	13.762	13.745	13.805	VV	1024	31302	0.68%	0.271%
198	13.824	13.805	13.834	VV	943	14864	0.32%	0.129%
199	13.855	13.834	13.898	VV	1004	36859	0.80%	0.319%
200	13.921	13.898	13.933	VV	1230	23148	0.50%	0.200%
201	13.937	13.933	13.972	VV	1125	19153	0.42%	0.166%
202	13.989	13.972	14.015	VV	708	16425	0.36%	0.142%
203	14.031	14.015	14.045	VV	763	12405	0.27%	0.107%
204	14.070	14.045	14.127	VV	965	38638	0.84%	0.334%
205	14.145	14.127	14.154	VV	753	10722	0.23%	0.093%
206	14.185	14.154	14.212	VV	1406	30992	0.67%	0.268%
207	14.238	14.212	14.278	VV	2681	49108	1.07%	0.425%
208	14.291	14.278	14.312	VV	630	10688	0.23%	0.092%
209	14.332	14.312	14.366	VV	485	13048	0.28%	0.113%
210	14.387	14.366	14.412	VV	368	8164	0.18%	0.071%
211	14.472	14.412	14.518	VV	791	30146	0.66%	0.261%
212	14.539	14.518	14.562	VV	469	11007	0.24%	0.095%
213	14.574	14.562	14.588	VV	508	7145	0.16%	0.062%
214	14.627	14.588	14.638	VV	543	13721	0.30%	0.119%
215	14.683	14.638	14.781	VV	1226	58246	1.27%	0.504%
216	14.805	14.781	14.846	VV	1357	28472	0.62%	0.246%
217	14.874	14.846	14.887	VV	594	13025	0.28%	0.113%
218	14.923	14.887	14.949	VV	765	25746	0.56%	0.223%
219	14.964	14.949	14.988	VV	771	15989	0.35%	0.138%
220	15.006	14.988	15.039	VV	696	17201	0.37%	0.149%
221	15.062	15.039	15.080	VV	714	14324	0.31%	0.124%
222	15.124	15.080	15.142	VV	779	23387	0.51%	0.202%
223	15.157	15.142	15.176	VV	729	12295	0.27%	0.106%
224	15.197	15.176	15.220	VV	666	14239	0.31%	0.123%
225	15.231	15.220	15.252	VV	444	7888	0.17%	0.068%
226	15.271	15.252	15.288	VV	1086	15994	0.35%	0.138%
227	15.305	15.288	15.324	VV	924	15639	0.34%	0.135%
228	15.349	15.324	15.397	VV	2527	50677	1.10%	0.439%
229	15.404	15.397	15.462	VV	468	12170	0.26%	0.105%
230	15.481	15.462	15.500	VV	266	4973	0.11%	0.043%
231	15.543	15.500	15.578	VV	395	14797	0.32%	0.128%
232	15.625	15.578	15.644	VV	360	11015	0.24%	0.095%
233	15.687	15.644	15.717	VV	295	8445	0.18%	0.073%
234	15.740	15.717	15.755	VV	308	4743	0.10%	0.041%
235	15.776	15.755	15.814	VV	378	10000	0.22%	0.087%
236	15.874	15.814	15.961	VV	2044	52792	1.15%	0.457%
237	15.994	15.961	16.032	VV	291	10576	0.23%	0.092%
238	16.053	16.032	16.125	VV	514	18544	0.40%	0.160%
239	16.144	16.125	16.154	VV	268	3997	0.09%	0.035%
240	16.183	16.154	16.215	VV	552	15609	0.34%	0.135%
241	16.230	16.215	16.292	VV	539	15635	0.34%	0.135%
242	16.299	16.292	16.308	VV	199	1470	0.03%	0.013%
243	16.339	16.308	16.352	VV	449	7485	0.16%	0.065%
244	16.378	16.352	16.458	VV	2618	54918	1.19%	0.475%
245	16.466	16.458	16.498	VV	177	2721	0.06%	0.024%
246	16.514	16.498	16.528	PV	94	1089	0.02%	0.009%

rteres

247	16.556	16.528	16.623	VV	349	10531	0.23%	0.091%
248	16.632	16.623	16.645	VV	94	892	0.02%	0.008%
249	16.692	16.645	16.715	VV	281	7240	0.16%	0.063%
250	16.740	16.715	16.790	VV	225	5701	0.12%	0.049%
251	16.865	16.790	16.946	VV	2506	51704	1.12%	0.447%
252	16.957	16.946	16.971	VV	208	2367	0.05%	0.020%
253	17.029	16.971	17.055	VV	349	11895	0.26%	0.103%
254	17.073	17.055	17.137	VV	373	12903	0.28%	0.112%
255	17.168	17.137	17.184	VV	444	7829	0.17%	0.068%
256	17.216	17.184	17.248	VV	456	11696	0.25%	0.101%
257	17.256	17.248	17.279	VV	308	4493	0.10%	0.039%
258	17.334	17.279	17.422	VV	3019	65073	1.41%	0.563%
259	17.446	17.422	17.474	VV	228	5964	0.13%	0.052%
260	17.483	17.474	17.523	VV	224	4262	0.09%	0.037%
261	17.581	17.523	17.607	VV	180	5484	0.12%	0.047%
262	17.628	17.607	17.648	VV	198	2940	0.06%	0.025%
263	17.670	17.648	17.692	VV	213	3173	0.07%	0.027%
264	17.788	17.692	17.848	PV	4659	83972	1.83%	0.727%
265	17.895	17.848	17.948	VV	313	14062	0.31%	0.122%
266	17.955	17.948	17.978	VV	117	1761	0.04%	0.015%
267	17.997	17.978	18.030	VV	144	2912	0.06%	0.025%
268	18.074	18.030	18.093	VV	333	5655	0.12%	0.049%
269	18.132	18.093	18.142	VV	177	3678	0.08%	0.032%
270	18.227	18.142	18.329	VV	4083	77414	1.68%	0.670%
271	18.377	18.329	18.427	VV	607	17595	0.38%	0.152%
272	18.435	18.427	18.459	VV	113	1315	0.03%	0.011%
273	18.505	18.459	18.535	PV	468	9889	0.22%	0.086%
274	18.551	18.535	18.572	VV	217	3230	0.07%	0.028%
275	18.653	18.572	18.723	PV	4938	83520	1.82%	0.723%
276	18.747	18.723	18.767	VV	446	7019	0.15%	0.061%
277	18.796	18.767	18.825	VV	230	4976	0.11%	0.043%
278	18.918	18.825	18.942	VV	368	9282	0.20%	0.080%
279	18.954	18.942	19.008	VV	251	4149	0.09%	0.036%
280	19.066	19.008	19.138	PV	3780	74950	1.63%	0.649%
281	19.223	19.138	19.292	VV	332	15868	0.35%	0.137%
282	19.320	19.292	19.344	VV	333	6433	0.14%	0.056%
283	19.377	19.344	19.410	VV	202	6098	0.13%	0.053%
284	19.465	19.410	19.530	PV	3947	73363	1.60%	0.635%
285	19.647	19.530	19.676	VV	613	33889	0.74%	0.293%
286	19.714	19.676	19.735	VV	690	19706	0.43%	0.171%
287	19.792	19.735	19.803	VV	668	24946	0.54%	0.216%
288	19.854	19.803	19.933	VV	3975	113870	2.48%	0.986%
289	20.040	19.933	20.062	VV	1093	75835	1.65%	0.656%
290	20.150	20.062	20.183	VV	1479	89283	1.94%	0.773%
291	20.231	20.183	20.262	VV	3896	100444	2.18%	0.869%
292	20.287	20.262	20.304	VV	1657	40308	0.88%	0.349%
293	20.417	20.304	20.437	VV	1994	139702	3.04%	1.209%
294	20.479	20.437	20.487	VV	2181	63020	1.37%	0.545%
295	20.511	20.487	20.535	VV	2465	66671	1.45%	0.577%
296	20.543	20.535	20.550	VV	2332	20757	0.45%	0.180%
297	20.599	20.550	20.635	VV	4707	165075	3.59%	1.429%
298	20.668	20.635	20.688	VV	3105	95156	2.07%	0.824%
299	20.842	20.688	20.850	VV	3437	311019	6.76%	2.692%

rteres

300	20.877	20.850	20.931	VV	3599	169795	3.69%	1.470%
301	20.967	20.931	21.012	VV	5098	195870	4.26%	1.695%
302	21.051	21.012	21.073	VV	3528	127265	2.77%	1.101%
303	21.155	21.073	21.193	VV	3583	249723	5.43%	2.161%
304	21.210	21.193	21.251	VV	3329	111528	2.43%	0.965%
305	21.272	21.251	21.314	VV	3093	112244	2.44%	0.971%
306	21.374	21.314	21.454	VV	4126	262615	5.71%	2.273%
307	21.468	21.454	21.521	VV	2769	103747	2.26%	0.898%
308	21.531	21.521	21.540	VV	2491	27552	0.60%	0.238%
309	21.546	21.540	21.615	VV	2463	104722	2.28%	0.906%
310	21.628	21.615	21.637	VV	2240	28565	0.62%	0.247%
311	21.658	21.637	21.692	VV	2147	68419	1.49%	0.592%
312	21.709	21.692	21.797	VV	2060	119733	2.60%	1.036%
313	21.834	21.797	21.900	VV	2393	111805	2.43%	0.968%
314	21.911	21.900	21.942	VV	1365	33105	0.72%	0.287%
315	21.978	21.942	22.002	VV	1301	45160	0.98%	0.391%
316	22.008	22.002	22.048	VV	1175	30523	0.66%	0.264%
317	22.071	22.048	22.122	VV	1001	40024	0.87%	0.346%
318	22.148	22.122	22.184	VV	827	28174	0.61%	0.244%
319	22.213	22.184	22.271	VV	687	31012	0.67%	0.268%
320	22.353	22.271	22.478	VV	1063	58401	1.27%	0.505%

Sum of corrected areas: 11554263

Aliphatic EPH 102925.M Tue Nov 18 03:12:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 18 00:34:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.011	6303217	55.622 ug/ml
Spiked Amount 50.000		Recovery = 111.24%	
6) S 2-Flurobiphenyl (SURR)	8.886	4211923	59.056 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 118.11%	
11) S ortho-Terphenyl (SURR)	11.954	6957013	47.374 ug/ml
Spiked Amount 50.000		Recovery = 94.75%	
Target Compounds			

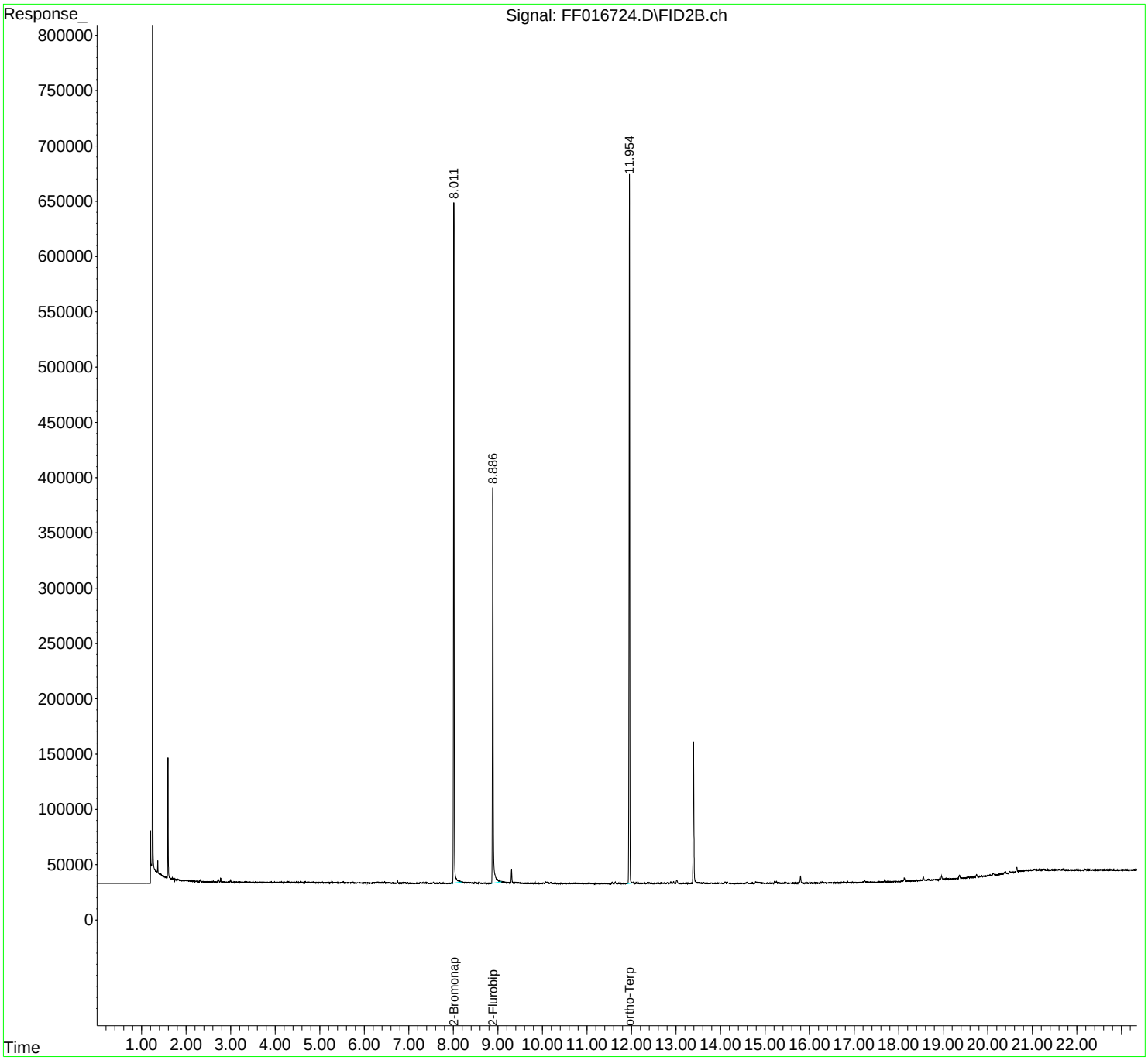
(f)=RT Delta > 1/2 Window (m)=manual int.

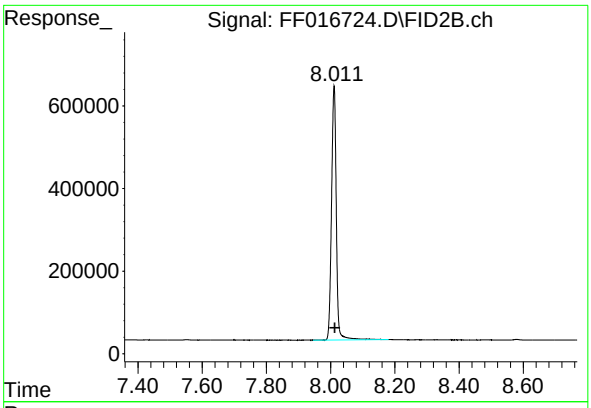
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 18 00:34:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

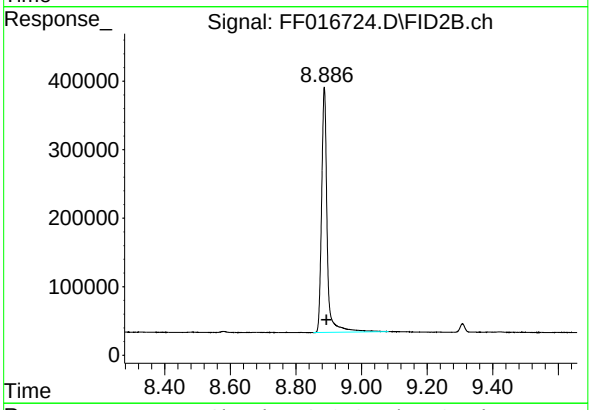




#4 2-Bromonaphthalene (SURR)

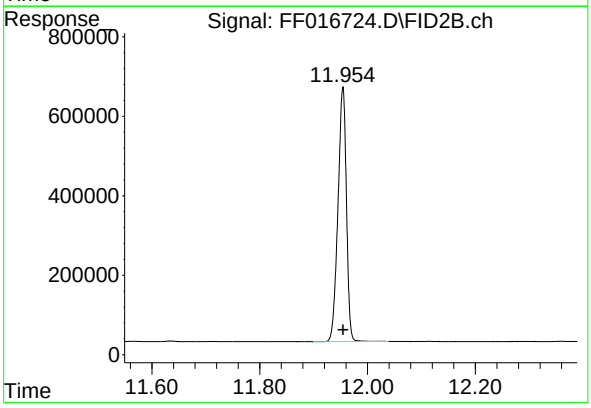
R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 6303217
Conc: 55.62 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3



#6 2-Flurobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 4211923
Conc: 59.06 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.000 min
Response: 6957013
Conc: 47.37 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.477	4.454	4.501	PV	423	4338	0.06%	0.020%
2	4.506	4.501	4.545	PV	134	1432	0.02%	0.007%
3	4.568	4.545	4.590	VV	1084	11762	0.17%	0.053%
4	4.601	4.590	4.627	VV	377	3952	0.06%	0.018%
5	4.645	4.627	4.657	VV	184	1825	0.03%	0.008%
6	4.677	4.657	4.717	VV	520	9116	0.13%	0.041%
7	4.734	4.717	4.745	VV	928	10416	0.15%	0.047%
8	4.755	4.745	4.777	VV	605	7724	0.11%	0.035%
9	4.794	4.777	4.802	VV	210	2193	0.03%	0.010%
10	4.819	4.802	4.835	VV	471	4771	0.07%	0.022%
11	4.851	4.835	4.872	VV	663	7344	0.10%	0.033%
12	4.889	4.872	4.896	VV	167	1415	0.02%	0.006%
13	4.911	4.896	4.919	VV	159	1588	0.02%	0.007%
14	4.925	4.919	4.943	VV	123	1586	0.02%	0.007%
15	4.959	4.952	4.971	VV	170	1484	0.02%	0.007%
16	4.983	4.971	5.008	VV	235	3655	0.05%	0.017%
17	5.030	5.008	5.051	VV	221	3857	0.06%	0.018%
18	5.068	5.051	5.127	VV	335	5586	0.08%	0.025%
19	5.149	5.134	5.166	VV	168	1935	0.03%	0.009%
20	5.173	5.166	5.225	VV	205	3997	0.06%	0.018%
21	5.248	5.225	5.255	VV	333	3524	0.05%	0.016%
22	5.272	5.255	5.305	VV	1706	21555	0.31%	0.098%
23	5.330	5.305	5.351	PV	459	8181	0.12%	0.037%
24	5.369	5.351	5.380	VV	437	5551	0.08%	0.025%
25	5.387	5.380	5.442	VV	348	5387	0.08%	0.024%
26	5.485	5.464	5.491	VV	117	1115	0.02%	0.005%
27	5.517	5.497	5.555	VV	1142	18754	0.27%	0.085%
28	5.566	5.555	5.575	VV	327	3364	0.05%	0.015%
29	5.583	5.575	5.593	VV	278	2339	0.03%	0.011%
30	5.599	5.593	5.620	VV	171	2111	0.03%	0.010%
31	5.643	5.620	5.654	VV	182	2709	0.04%	0.012%
32	5.671	5.667	5.689	VV	159	1462	0.02%	0.007%
33	5.708	5.689	5.723	VV	468	5529	0.08%	0.025%
34	5.755	5.723	5.774	VV	532	9761	0.14%	0.044%
35	5.785	5.774	5.799	VV	146	1307	0.02%	0.006%
36	5.818	5.799	5.829	VV	162	1950	0.03%	0.009%

rteres

37	5.846	5.838	5.889	VV	173	3536	0.05%	0.016%
38	5.903	5.889	5.914	VV	284	2803	0.04%	0.013%
39	5.917	5.914	5.938	VV	209	1861	0.03%	0.008%
40	5.975	5.938	5.988	PV	279	3896	0.06%	0.018%
41	6.020	6.003	6.044	VV	285	4211	0.06%	0.019%
42	6.061	6.044	6.072	VV	247	2692	0.04%	0.012%
43	6.080	6.072	6.131	VV	362	5180	0.07%	0.024%
44	6.149	6.131	6.171	VV	133	1481	0.02%	0.007%
45	6.197	6.171	6.216	PV	725	9885	0.14%	0.045%
46	6.220	6.216	6.227	VV	285	1469	0.02%	0.007%
47	6.247	6.227	6.263	VV	328	4799	0.07%	0.022%
48	6.296	6.263	6.329	VV	890	21141	0.30%	0.096%
49	6.344	6.329	6.369	VV	648	8676	0.12%	0.039%
50	6.390	6.369	6.429	VV	1017	16034	0.23%	0.073%
51	6.455	6.429	6.496	VV	1225	18937	0.27%	0.086%
52	6.513	6.496	6.522	VV	313	3791	0.05%	0.017%
53	6.532	6.522	6.537	VV	348	2762	0.04%	0.013%
54	6.541	6.537	6.553	VV	317	2655	0.04%	0.012%
55	6.560	6.553	6.579	VV	262	3565	0.05%	0.016%
56	6.595	6.579	6.604	VV	316	3906	0.06%	0.018%
57	6.611	6.604	6.627	VV	259	3156	0.05%	0.014%
58	6.631	6.627	6.653	VV	293	3511	0.05%	0.016%
59	6.658	6.653	6.669	VV	242	1810	0.03%	0.008%
60	6.674	6.669	6.705	VV	179	2830	0.04%	0.013%
61	6.713	6.705	6.722	VV	175	1420	0.02%	0.006%
62	6.746	6.722	6.809	VV	2090	28469	0.41%	0.129%
63	6.834	6.809	6.853	VV	376	5379	0.08%	0.024%
64	6.865	6.853	6.883	VV	385	4375	0.06%	0.020%
65	6.900	6.883	6.921	VV	750	9368	0.13%	0.043%
66	6.934	6.921	6.956	VV	349	3739	0.05%	0.017%
67	6.976	6.956	7.005	VV	542	7022	0.10%	0.032%
68	7.029	7.005	7.061	VV	273	3385	0.05%	0.015%
69	7.089	7.070	7.111	VV	206	2394	0.03%	0.011%
70	7.155	7.111	7.180	PV	236	3750	0.05%	0.017%
71	7.200	7.180	7.239	PV	355	6513	0.09%	0.030%
72	7.260	7.239	7.273	VV	635	8249	0.12%	0.038%
73	7.278	7.273	7.297	VV	524	5572	0.08%	0.025%
74	7.319	7.297	7.349	VV	713	12660	0.18%	0.058%
75	7.368	7.349	7.379	VV	711	9167	0.13%	0.042%
76	7.386	7.379	7.410	VV	745	8805	0.13%	0.040%
77	7.427	7.410	7.446	VV	594	7591	0.11%	0.035%
78	7.467	7.446	7.492	VV	205	3870	0.06%	0.018%
79	7.498	7.492	7.511	VV	225	1471	0.02%	0.007%
80	7.528	7.511	7.536	VV	236	2349	0.03%	0.011%
81	7.553	7.536	7.596	VV	1131	15390	0.22%	0.070%
82	7.613	7.596	7.624	VV	350	3681	0.05%	0.017%
83	7.628	7.624	7.646	VV	272	2518	0.04%	0.011%
84	7.663	7.646	7.679	VV	332	3910	0.06%	0.018%
85	7.699	7.679	7.742	VV	417	8330	0.12%	0.038%
86	7.766	7.742	7.809	VV	363	7670	0.11%	0.035%
87	7.815	7.809	7.891	VV	143	3555	0.05%	0.016%
88	7.933	7.911	7.945	VV	201	2613	0.04%	0.012%
89	7.963	7.945	7.979	VV	380	4643	0.07%	0.021%

rteres

90	8.011	7.979	8.256	VV	615078	6448564	92.17%	29.318%
91	8.270	8.256	8.300	VV	1024	22588	0.32%	0.103%
92	8.330	8.300	8.344	VV	931	20385	0.29%	0.093%
93	8.349	8.344	8.377	VV	634	11481	0.16%	0.052%
94	8.383	8.377	8.386	VV	574	2699	0.04%	0.012%
95	8.389	8.386	8.444	VV	575	16321	0.23%	0.074%
96	8.446	8.444	8.462	VV	463	4504	0.06%	0.020%
97	8.482	8.462	8.544	VV	771	24179	0.35%	0.110%
98	8.579	8.544	8.606	VV	1798	29242	0.42%	0.133%
99	8.611	8.606	8.619	VV	382	2541	0.04%	0.012%
100	8.625	8.619	8.646	VV	366	4378	0.06%	0.020%
101	8.673	8.646	8.709	VV	425	12267	0.18%	0.056%
102	8.716	8.709	8.721	VV	379	2307	0.03%	0.010%
103	8.724	8.721	8.756	VV	399	5923	0.08%	0.027%
104	8.772	8.756	8.794	VV	301	5110	0.07%	0.023%
105	8.816	8.794	8.835	VV	386	5728	0.08%	0.026%
106	8.841	8.835	8.854	VV	177	1264	0.02%	0.006%
107	8.887	8.854	9.160	VV	359247	4393849	62.80%	19.977%
108	9.165	9.160	9.170	VV	989	5588	0.08%	0.025%
109	9.178	9.170	9.216	VV	1029	24436	0.35%	0.111%
110	9.232	9.216	9.261	VV	896	21024	0.30%	0.096%
111	9.264	9.261	9.277	VV	720	6514	0.09%	0.030%
112	9.308	9.277	9.335	VV	13187	149776	2.14%	0.681%
113	9.343	9.335	9.357	VV	949	11418	0.16%	0.052%
114	9.362	9.357	9.368	VV	816	5097	0.07%	0.023%
115	9.388	9.368	9.401	VV	978	16144	0.23%	0.073%
116	9.421	9.401	9.456	VV	1224	28202	0.40%	0.128%
117	9.469	9.456	9.478	VV	701	8058	0.12%	0.037%
118	9.481	9.478	9.489	VV	560	3439	0.05%	0.016%
119	9.493	9.489	9.531	VV	604	10865	0.16%	0.049%
120	9.549	9.531	9.564	VV	397	6956	0.10%	0.032%
121	9.566	9.564	9.576	VV	310	1986	0.03%	0.009%
122	9.593	9.576	9.612	VV	463	8020	0.11%	0.036%
123	9.629	9.612	9.672	VV	408	10545	0.15%	0.048%
124	9.689	9.672	9.696	VV	305	3419	0.05%	0.016%
125	9.708	9.696	9.726	VV	324	4681	0.07%	0.021%
126	9.738	9.726	9.747	VV	218	2075	0.03%	0.009%
127	9.774	9.747	9.812	VV	440	9458	0.14%	0.043%
128	9.838	9.812	9.844	VV	344	2892	0.04%	0.013%
129	9.854	9.844	9.885	VV	246	3828	0.05%	0.017%
130	9.910	9.897	9.949	VV	246	4350	0.06%	0.020%
131	9.966	9.949	9.999	VV	273	5157	0.07%	0.023%
132	10.023	9.999	10.046	VV	894	12019	0.17%	0.055%
133	10.071	10.046	10.099	VV	1483	30682	0.44%	0.139%
134	10.107	10.099	10.155	VV	1154	24714	0.35%	0.112%
135	10.159	10.155	10.168	VV	424	3036	0.04%	0.014%
136	10.189	10.168	10.237	VV	1257	22730	0.32%	0.103%
137	10.260	10.237	10.279	VV	343	6543	0.09%	0.030%
138	10.282	10.279	10.320	VV	254	3922	0.06%	0.018%
139	10.331	10.320	10.338	VV	179	1575	0.02%	0.007%
140	10.355	10.338	10.383	VV	221	3932	0.06%	0.018%
141	10.423	10.406	10.444	VV	134	1974	0.03%	0.009%

rteres

142	10.459	10.444	10.471	VV	122	1190	0.02%	0.005%
143	10.490	10.478	10.496	VV	134	1031	0.01%	0.005%
144	10.506	10.496	10.537	VV	238	3503	0.05%	0.016%
145	10.554	10.537	10.569	VV	186	2278	0.03%	0.010%
146	10.586	10.569	10.601	VV	268	3500	0.05%	0.016%
147	10.619	10.601	10.642	VV	327	5290	0.08%	0.024%
148	10.650	10.642	10.659	VV	229	1759	0.03%	0.008%
149	10.665	10.659	10.691	VV	260	3597	0.05%	0.016%
150	10.710	10.691	10.730	VV	376	5512	0.08%	0.025%
151	10.750	10.730	10.771	VV	235	4589	0.07%	0.021%
152	10.814	10.771	10.845	VV	389	10675	0.15%	0.049%
153	10.930	10.845	10.972	VV	404	20990	0.30%	0.095%
154	10.984	10.972	11.009	VV	267	4027	0.06%	0.018%
155	11.053	11.009	11.099	VV	531	14836	0.21%	0.067%
156	11.112	11.099	11.129	VV	217	2400	0.03%	0.011%
157	11.151	11.129	11.167	VV	213	3195	0.05%	0.015%
158	11.189	11.167	11.229	VV	157	4246	0.06%	0.019%
159	11.258	11.229	11.284	VV	182	4318	0.06%	0.020%
160	11.323	11.284	11.337	VV	187	4254	0.06%	0.019%
161	11.354	11.337	11.390	VV	251	4515	0.06%	0.021%
162	11.400	11.390	11.422	VV	110	1839	0.03%	0.008%
163	11.436	11.422	11.481	VV	124	2495	0.04%	0.011%
164	11.565	11.521	11.599	VV	1139	16742	0.24%	0.076%
165	11.634	11.599	11.690	VV	1585	24727	0.35%	0.112%
166	11.713	11.690	11.762	VV	408	9211	0.13%	0.042%
167	11.790	11.762	11.814	VV	125	2218	0.03%	0.010%
168	11.829	11.814	11.856	VV	153	2039	0.03%	0.009%
169	11.954	11.898	12.080	PV	640023	6996396	100.00%	31.809%
170	12.116	12.080	12.179	VV	802	23558	0.34%	0.107%
171	12.237	12.179	12.247	VV	295	9428	0.13%	0.043%
172	12.297	12.247	12.334	VV	600	16793	0.24%	0.076%
173	12.359	12.334	12.378	VV	930	14269	0.20%	0.065%
174	12.397	12.378	12.426	VV	866	14776	0.21%	0.067%
175	12.437	12.426	12.492	VV	327	8154	0.12%	0.037%
176	12.527	12.492	12.548	VV	405	8387	0.12%	0.038%
177	12.579	12.548	12.617	VV	486	14333	0.20%	0.065%
178	12.628	12.617	12.640	VV	437	4495	0.06%	0.020%
179	12.658	12.640	12.707	VV	701	17072	0.24%	0.078%
180	12.730	12.707	12.759	VV	421	9223	0.13%	0.042%
181	12.806	12.759	12.844	VV	1023	20130	0.29%	0.092%
182	12.884	12.844	12.915	VV	1644	27633	0.39%	0.126%
183	12.946	12.915	12.984	VV	1917	28028	0.40%	0.127%
184	13.017	12.984	13.119	VV	3183	64223	0.92%	0.292%
185	13.151	13.119	13.182	VV	242	4716	0.07%	0.021%
186	13.230	13.182	13.294	VV	393	12646	0.18%	0.057%
187	13.393	13.294	13.546	VV	128605	1659797	23.72%	7.546%
188	13.562	13.546	13.594	VV	553	12389	0.18%	0.056%
189	13.618	13.594	13.719	VV	724	24786	0.35%	0.113%
190	13.780	13.719	13.802	VV	444	14823	0.21%	0.067%
191	13.831	13.802	13.874	VV	427	14865	0.21%	0.068%
192	13.887	13.874	13.931	VV	273	7091	0.10%	0.032%
193	13.991	13.931	14.004	VV	327	11110	0.16%	0.051%
194	14.014	14.004	14.049	VV	298	6050	0.09%	0.028%

rteres

195	14.099	14.049	14.129	VV	1566	28620	0.41%	0.130%
196	14.148	14.129	14.244	VV	1637	30280	0.43%	0.138%
197	14.264	14.244	14.291	VV	248	4365	0.06%	0.020%
198	14.299	14.291	14.318	VV	96	1059	0.02%	0.005%
199	14.384	14.318	14.406	PV	212	5040	0.07%	0.023%
200	14.413	14.406	14.429	VV	92	1085	0.02%	0.005%
201	14.446	14.429	14.467	VV	137	1746	0.02%	0.008%
202	14.484	14.467	14.494	VV	190	1673	0.02%	0.008%
203	14.502	14.494	14.527	VV	105	1895	0.03%	0.009%
204	14.591	14.527	14.682	VV	844	23421	0.33%	0.106%
205	14.715	14.682	14.733	VV	285	4891	0.07%	0.022%
206	14.793	14.733	14.944	VV	1247	63841	0.91%	0.290%
207	14.950	14.944	15.014	VV	290	8707	0.12%	0.040%
208	15.032	15.014	15.059	VV	264	5222	0.07%	0.024%
209	15.096	15.059	15.132	VV	346	8614	0.12%	0.039%
210	15.158	15.132	15.184	VV	287	5469	0.08%	0.025%
211	15.214	15.184	15.236	VV	1063	19968	0.29%	0.091%
212	15.256	15.236	15.284	VV	1378	22906	0.33%	0.104%
213	15.304	15.284	15.347	VV	574	11807	0.17%	0.054%
214	15.355	15.347	15.367	VV	176	1866	0.03%	0.008%
215	15.376	15.367	15.403	VV	250	3223	0.05%	0.015%
216	15.430	15.403	15.456	VV	285	5139	0.07%	0.023%
217	15.476	15.456	15.517	VV	539	7151	0.10%	0.033%
218	15.557	15.541	15.573	VV	122	1266	0.02%	0.006%
219	15.626	15.573	15.641	VV	184	3400	0.05%	0.015%
220	15.675	15.641	15.714	VV	195	5667	0.08%	0.026%
221	15.795	15.714	15.877	VV	6238	96802	1.38%	0.440%
222	15.909	15.877	15.972	VV	326	8260	0.12%	0.038%
223	15.993	15.972	16.037	VV	168	3935	0.06%	0.018%
224	16.042	16.037	16.071	VV	153	2221	0.03%	0.010%
225	16.079	16.071	16.117	VV	175	3563	0.05%	0.016%
226	16.136	16.117	16.196	VV	200	4697	0.07%	0.021%
227	16.240	16.196	16.262	PV	660	11373	0.16%	0.052%
228	16.280	16.262	16.312	VV	1167	18030	0.26%	0.082%
229	16.344	16.312	16.394	VV	252	5722	0.08%	0.026%
230	16.425	16.394	16.490	VV	186	5851	0.08%	0.027%
231	16.499	16.490	16.517	PV	130	1004	0.01%	0.005%
232	16.567	16.517	16.586	PV	135	3226	0.05%	0.015%
233	16.602	16.586	16.626	VV	119	1916	0.03%	0.009%
234	16.633	16.626	16.656	VV	138	1252	0.02%	0.006%
235	16.678	16.656	16.707	VV	170	2914	0.04%	0.013%
236	16.766	16.707	16.817	VV	776	16087	0.23%	0.073%
237	16.848	16.817	16.899	VV	1272	21792	0.31%	0.099%
238	16.916	16.899	16.991	VV	221	6144	0.09%	0.028%
239	17.033	17.005	17.064	VV	155	2588	0.04%	0.012%
240	17.129	17.096	17.172	PV	199	4194	0.06%	0.019%
241	17.234	17.172	17.262	VV	1873	39526	0.56%	0.180%
242	17.283	17.262	17.297	VV	451	6885	0.10%	0.031%
243	17.309	17.297	17.381	VV	365	8681	0.12%	0.039%
244	17.423	17.381	17.452	VV	115	3068	0.04%	0.014%
245	17.472	17.452	17.499	VV	108	1530	0.02%	0.007%
246	17.567	17.499	17.592	PV	308	8008	0.11%	0.036%

rteres

247	17.601	17.592	17.612	VV	164	1678	0.02%	0.008%
248	17.687	17.612	17.744	VV	2287	39699	0.57%	0.180%
249	17.790	17.744	17.831	VV	235	7525	0.11%	0.034%
250	17.863	17.831	17.870	VV	120	1736	0.02%	0.008%
251	17.916	17.870	17.941	VV	209	4606	0.07%	0.021%
252	17.960	17.941	17.992	VV	149	2983	0.04%	0.014%
253	18.011	17.992	18.029	VV	95	1095	0.02%	0.005%
254	18.125	18.029	18.173	PV	2967	51696	0.74%	0.235%
255	18.219	18.173	18.248	VV	590	13690	0.20%	0.062%
256	18.302	18.248	18.324	VV	204	6357	0.09%	0.029%
257	18.352	18.324	18.384	VV	160	3755	0.05%	0.017%
258	18.405	18.384	18.425	VV	265	3683	0.05%	0.017%
259	18.445	18.425	18.467	PV	281	3833	0.05%	0.017%
260	18.502	18.467	18.519	VV	359	7026	0.10%	0.032%
261	18.551	18.519	18.592	VV	3308	56578	0.81%	0.257%
262	18.646	18.592	18.655	VV	363	8859	0.13%	0.040%
263	18.673	18.655	18.715	VV	413	7800	0.11%	0.035%
264	18.819	18.715	18.851	PBA	204	9162	0.13%	0.042%

Sum of corrected areas: 21994899

Aromatic EPH 102925.M Tue Nov 18 01:16:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.483	8310854	69.008 ug/ml
Spiked Amount 50.000		Recovery = 138.02%	
Target Compounds			

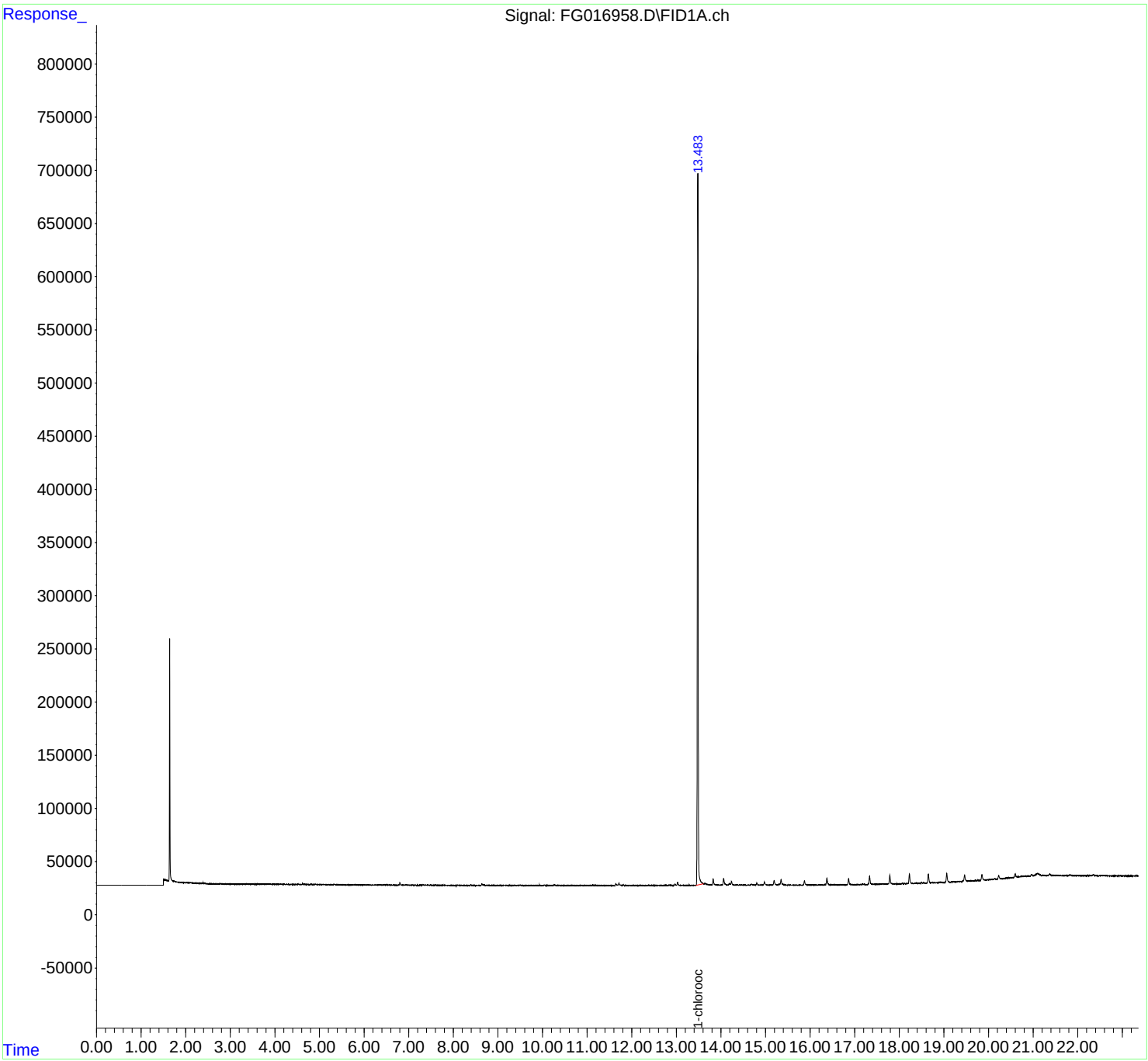
(f)=RT Delta > 1/2 Window (m)=manual int.

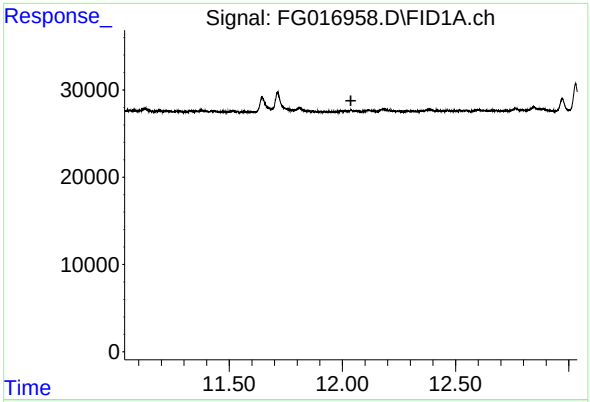
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

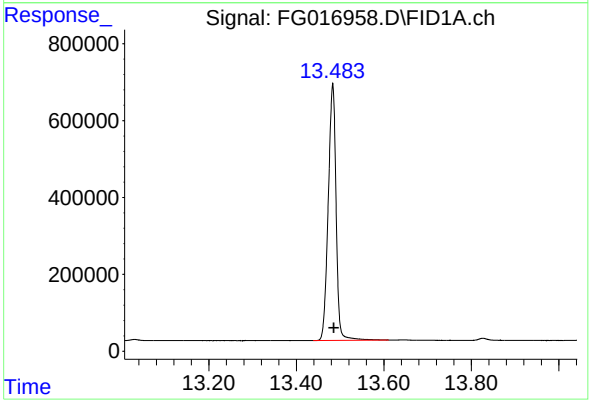




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-3



#12 1-chlorooctadecane (SURR)

R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 8310854
Conc: 69.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.251	3.221	3.261	BV	60	597	0.01%	0.004%
2	3.269	3.261	3.311	PV	82	1405	0.02%	0.009%
3	3.359	3.311	3.400	VV	405	7816	0.09%	0.052%
4	3.411	3.400	3.437	VV	129	1939	0.02%	0.013%
5	3.478	3.437	3.501	VV	151	4186	0.05%	0.028%
6	3.509	3.501	3.584	VV	151	6620	0.08%	0.044%
7	3.599	3.584	3.609	VV	177	2124	0.03%	0.014%
8	3.627	3.609	3.662	VV	202	4844	0.06%	0.032%
9	3.679	3.662	3.728	VV	182	5872	0.07%	0.039%
10	3.740	3.728	3.795	VV	177	5397	0.06%	0.036%
11	3.804	3.795	3.878	VV	187	7923	0.09%	0.053%
12	3.890	3.878	3.941	VV	200	5385	0.06%	0.036%
13	3.971	3.941	4.014	VV	203	5899	0.07%	0.039%
14	4.023	4.014	4.035	VV	146	1500	0.02%	0.010%
15	4.045	4.035	4.055	VV	163	1591	0.02%	0.011%
16	4.068	4.055	4.108	VV	181	3631	0.04%	0.024%
17	4.115	4.108	4.135	VV	153	2103	0.02%	0.014%
18	4.156	4.135	4.173	VV	257	3911	0.05%	0.026%
19	4.192	4.173	4.211	VV	324	4301	0.05%	0.029%
20	4.222	4.211	4.249	VV	138	2662	0.03%	0.018%
21	4.268	4.249	4.282	VV	255	3650	0.04%	0.024%
22	4.291	4.282	4.328	VV	168	3347	0.04%	0.022%
23	4.360	4.328	4.379	VV	262	5059	0.06%	0.034%
24	4.387	4.379	4.415	VV	192	2505	0.03%	0.017%
25	4.434	4.415	4.445	VV	175	2387	0.03%	0.016%
26	4.472	4.445	4.515	VV	210	6714	0.08%	0.045%
27	4.529	4.515	4.553	VV	460	6631	0.08%	0.044%
28	4.562	4.553	4.591	VV	204	2914	0.03%	0.019%
29	4.621	4.591	4.645	VV	944	13282	0.16%	0.089%
30	4.657	4.645	4.711	VV	307	8305	0.10%	0.056%
31	4.737	4.711	4.776	VV	277	7063	0.08%	0.047%

rteres

32	4.805	4.776	4.851	VV	370	8372	0.10%	0.056%
33	4.870	4.851	4.891	VV	265	4284	0.05%	0.029%
34	4.904	4.891	4.930	VV	447	5905	0.07%	0.039%
35	4.950	4.930	5.015	VV	194	7635	0.09%	0.051%
36	5.026	5.015	5.070	VV	206	6123	0.07%	0.041%
37	5.080	5.070	5.104	VV	220	3460	0.04%	0.023%
38	5.114	5.104	5.153	VV	206	4232	0.05%	0.028%
39	5.162	5.153	5.205	VV	119	3131	0.04%	0.021%
40	5.211	5.205	5.221	VV	110	1042	0.01%	0.007%
41	5.236	5.221	5.255	VV	150	2519	0.03%	0.017%
42	5.265	5.255	5.278	VV	164	2005	0.02%	0.013%
43	5.324	5.278	5.363	VV	833	15384	0.18%	0.103%
44	5.381	5.363	5.411	VV	321	5964	0.07%	0.040%
45	5.420	5.411	5.427	VV	93	1017	0.01%	0.007%
46	5.443	5.427	5.486	VV	300	4594	0.05%	0.031%
47	5.535	5.486	5.623	VV	150	6402	0.08%	0.043%
48	5.638	5.623	5.673	VV	110	2139	0.03%	0.014%
49	5.703	5.673	5.712	VV	118	1578	0.02%	0.011%
50	5.725	5.712	5.745	VV	92	1373	0.02%	0.009%
51	5.764	5.745	5.784	VV	232	3895	0.05%	0.026%
52	5.806	5.784	5.827	VV	343	5152	0.06%	0.034%
53	5.843	5.827	5.855	VV	121	1628	0.02%	0.011%
54	5.862	5.855	5.879	VV	143	1742	0.02%	0.012%
55	5.891	5.879	5.903	VV	131	1409	0.02%	0.009%
56	5.939	5.903	5.954	VV	170	3691	0.04%	0.025%
57	5.967	5.954	5.988	VV	209	2800	0.03%	0.019%
58	6.028	5.988	6.055	VV	212	5908	0.07%	0.039%
59	6.076	6.055	6.110	VV	219	5076	0.06%	0.034%
60	6.133	6.110	6.173	VV	217	5555	0.07%	0.037%
61	6.201	6.173	6.220	VV	171	3021	0.04%	0.020%
62	6.244	6.220	6.281	PV	212	3483	0.04%	0.023%
63	6.302	6.281	6.318	VV	163	2568	0.03%	0.017%
64	6.359	6.318	6.381	VV	332	6977	0.08%	0.047%
65	6.399	6.381	6.423	VV	377	5261	0.06%	0.035%
66	6.443	6.423	6.487	VV	530	9574	0.11%	0.064%
67	6.508	6.487	6.554	VV	673	10252	0.12%	0.069%
68	6.577	6.554	6.616	VV	168	4212	0.05%	0.028%
69	6.630	6.616	6.681	VV	90	2089	0.02%	0.014%
70	6.688	6.681	6.714	VV	56	912	0.01%	0.006%
71	6.723	6.714	6.757	PV	78	853	0.01%	0.006%
72	6.802	6.757	6.864	VV	2527	38939	0.46%	0.260%
73	6.884	6.864	6.907	VV	253	5036	0.06%	0.034%
74	6.925	6.907	6.935	VV	256	3049	0.04%	0.020%
75	6.955	6.935	6.978	VV	436	7010	0.08%	0.047%
76	6.992	6.978	7.008	VV	186	2946	0.04%	0.020%
77	7.028	7.008	7.071	VV	275	6108	0.07%	0.041%
78	7.089	7.071	7.128	VV	191	3705	0.04%	0.025%
79	7.142	7.128	7.164	VV	138	1949	0.02%	0.013%

rteres

80	7.196	7.164	7.241	PV	130	4268	0.05%	0.029%
81	7.257	7.241	7.301	VV	217	5062	0.06%	0.034%
82	7.318	7.301	7.350	VV	343	7956	0.09%	0.053%
83	7.379	7.350	7.402	VV	335	7764	0.09%	0.052%
84	7.429	7.402	7.463	VV	396	9286	0.11%	0.062%
85	7.483	7.463	7.511	VV	331	5247	0.06%	0.035%
86	7.525	7.511	7.578	VV	162	4933	0.06%	0.033%
87	7.607	7.578	7.641	VV	544	9357	0.11%	0.063%
88	7.657	7.641	7.667	VV	126	1751	0.02%	0.012%
89	7.687	7.667	7.701	VV	154	2286	0.03%	0.015%
90	7.757	7.701	7.889	VV	185	11810	0.14%	0.079%
91	7.898	7.889	7.968	PV	86	2185	0.03%	0.015%
92	7.974	7.968	7.988	VV	62	375	0.00%	0.003%
93	8.021	7.988	8.077	VV	209	4606	0.05%	0.031%
94	8.090	8.077	8.107	VV	203	2257	0.03%	0.015%
95	8.120	8.107	8.142	VV	161	2419	0.03%	0.016%
96	8.184	8.142	8.229	VV	171	4868	0.06%	0.033%
97	8.245	8.229	8.264	VV	75	1214	0.01%	0.008%
98	8.286	8.264	8.301	VV	104	1158	0.01%	0.008%
99	8.339	8.301	8.358	PV	150	2702	0.03%	0.018%
100	8.389	8.358	8.491	VV	681	13042	0.15%	0.087%
101	8.552	8.491	8.601	PV	200	6748	0.08%	0.045%
102	8.644	8.601	8.715	VV	1496	35773	0.42%	0.239%
103	8.755	8.715	8.813	VV	323	14692	0.17%	0.098%
104	8.831	8.813	8.865	VV	161	3477	0.04%	0.023%
105	8.873	8.865	8.904	VV	152	2266	0.03%	0.015%
106	8.977	8.904	9.032	PV	138	5753	0.07%	0.038%
107	9.045	9.032	9.083	VV	120	3006	0.04%	0.020%
108	9.100	9.083	9.116	VV	145	2277	0.03%	0.015%
109	9.143	9.116	9.175	VV	227	5878	0.07%	0.039%
110	9.188	9.175	9.232	VV	232	4867	0.06%	0.033%
111	9.264	9.232	9.283	VV	108	1999	0.02%	0.013%
112	9.307	9.283	9.325	VV	160	2357	0.03%	0.016%
113	9.373	9.325	9.460	VV	430	17033	0.20%	0.114%
114	9.487	9.460	9.541	VV	531	11353	0.13%	0.076%
115	9.564	9.541	9.601	VV	164	2791	0.03%	0.019%
116	9.608	9.601	9.621	VV	117	827	0.01%	0.006%
117	9.661	9.621	9.691	VV	165	4500	0.05%	0.030%
118	9.727	9.691	9.756	VV	183	4835	0.06%	0.032%
119	9.774	9.756	9.819	VV	208	3759	0.04%	0.025%
120	9.844	9.819	9.888	PV	236	4669	0.06%	0.031%
121	9.913	9.888	9.940	VV	121	2802	0.03%	0.019%
122	9.948	9.940	9.964	VV	45	609	0.01%	0.004%
123	9.992	9.964	10.014	VV	219	3696	0.04%	0.025%
124	10.040	10.014	10.084	VV	549	9374	0.11%	0.063%
125	10.098	10.084	10.132	VV	132	2717	0.03%	0.018%
126	10.140	10.132	10.161	VV	69	1049	0.01%	0.007%

rteres

127	10.191	10.161	10.231	VV	237	5835	0.07%	0.039%
128	10.265	10.231	10.349	VV	874	23083	0.27%	0.154%
129	10.359	10.349	10.416	VV	168	4404	0.05%	0.029%
130	10.441	10.416	10.458	VV	139	1979	0.02%	0.013%
131	10.487	10.458	10.529	VV	207	4125	0.05%	0.028%
132	10.550	10.529	10.561	VV	94	1174	0.01%	0.008%
133	10.578	10.561	10.631	VV	109	2976	0.04%	0.020%
134	10.652	10.631	10.671	VV	208	3323	0.04%	0.022%
135	10.685	10.671	10.731	VV	155	3801	0.05%	0.025%
136	10.745	10.731	10.765	VV	159	2206	0.03%	0.015%
137	10.773	10.765	10.800	VV	105	1664	0.02%	0.011%
138	10.810	10.800	10.881	VV	131	4786	0.06%	0.032%
139	10.951	10.881	10.971	VV	232	7442	0.09%	0.050%
140	10.981	10.971	10.992	VV	253	2667	0.03%	0.018%
141	11.007	10.992	11.036	VV	335	6092	0.07%	0.041%
142	11.072	11.036	11.096	VV	207	6149	0.07%	0.041%
143	11.129	11.096	11.180	VV	404	11108	0.13%	0.074%
144	11.190	11.180	11.209	VV	203	2683	0.03%	0.018%
145	11.225	11.209	11.261	VV	174	3333	0.04%	0.022%
146	11.269	11.261	11.293	VV	134	1922	0.02%	0.013%
147	11.306	11.293	11.314	VV	98	1151	0.01%	0.008%
148	11.327	11.314	11.344	VV	179	2283	0.03%	0.015%
149	11.354	11.344	11.363	VV	136	1390	0.02%	0.009%
150	11.380	11.363	11.412	VV	201	4602	0.05%	0.031%
151	11.424	11.412	11.458	VV	174	2871	0.03%	0.019%
152	11.472	11.458	11.498	VV	104	1731	0.02%	0.012%
153	11.517	11.498	11.546	VV	154	2575	0.03%	0.017%
154	11.645	11.546	11.687	PV	1770	34646	0.41%	0.232%
155	11.714	11.687	11.784	VV	2259	46480	0.55%	0.311%
156	11.810	11.784	11.909	VV	480	14110	0.17%	0.094%
157	11.923	11.909	11.967	VV	82	1702	0.02%	0.011%
158	12.016	11.967	12.024	VV	121	3241	0.04%	0.022%
159	12.037	12.024	12.049	VV	179	2241	0.03%	0.015%
160	12.055	12.049	12.083	VV	133	2052	0.02%	0.014%
161	12.113	12.083	12.149	VV	204	5362	0.06%	0.036%
162	12.179	12.149	12.259	VV	375	11039	0.13%	0.074%
163	12.311	12.259	12.340	PV	121	3776	0.04%	0.025%
164	12.386	12.340	12.411	VV	283	7615	0.09%	0.051%
165	12.421	12.411	12.451	VV	211	3470	0.04%	0.023%
166	12.466	12.451	12.499	VV	172	3504	0.04%	0.023%
167	12.519	12.499	12.529	VV	177	2408	0.03%	0.016%
168	12.545	12.529	12.567	VV	165	2666	0.03%	0.018%
169	12.606	12.567	12.662	VV	253	8409	0.10%	0.056%
170	12.677	12.662	12.701	VV	140	2687	0.03%	0.018%
171	12.725	12.701	12.736	VV	140	2293	0.03%	0.015%
172	12.765	12.736	12.810	VV	358	9387	0.11%	0.063%
173	12.846	12.810	12.875	VV	536	12011	0.14%	0.080%
174	12.888	12.875	12.938	VV	333	6520	0.08%	0.044%

rteres

175	12.971	12.938	13.001	PV	1459	21616	0.26%	0.145%
176	13.030	13.001	13.085	VV	3190	48548	0.58%	0.325%
177	13.091	13.085	13.113	VV	217	2926	0.03%	0.020%
178	13.151	13.113	13.195	VV	421	9745	0.12%	0.065%
179	13.222	13.195	13.235	VV	115	1873	0.02%	0.013%
180	13.240	13.235	13.273	VV	114	1461	0.02%	0.010%
181	13.285	13.273	13.333	VV	159	3296	0.04%	0.022%
182	13.359	13.333	13.385	VV	144	3523	0.04%	0.024%
183	13.401	13.385	13.418	VV	122	1932	0.02%	0.013%
184	13.483	13.418	13.622	VV	671370	8417200	100.00%	56.271%
185	13.645	13.622	13.741	VV	1998	83813	1.00%	0.560%
186	13.753	13.741	13.790	VV	754	20556	0.24%	0.137%
187	13.826	13.790	13.909	VV	6171	120481	1.43%	0.805%
188	13.918	13.909	13.979	VV	549	19214	0.23%	0.128%
189	13.989	13.979	14.007	VV	435	6525	0.08%	0.044%
190	14.060	14.007	14.157	VV	6537	148469	1.76%	0.993%
191	14.189	14.157	14.213	VV	1717	37195	0.44%	0.249%
192	14.237	14.213	14.400	VV	3929	89030	1.06%	0.595%
193	14.469	14.400	14.491	VV	314	14294	0.17%	0.096%
194	14.501	14.491	14.568	VV	289	10577	0.13%	0.071%
195	14.579	14.568	14.615	VV	224	5671	0.07%	0.038%
196	14.631	14.615	14.641	VV	207	2787	0.03%	0.019%
197	14.684	14.641	14.773	VV	1282	38120	0.45%	0.255%
198	14.805	14.773	14.861	VV	2091	38568	0.46%	0.258%
199	14.867	14.861	14.930	VV	240	8251	0.10%	0.055%
200	14.976	14.930	15.075	VV	3087	66404	0.79%	0.444%
201	15.091	15.075	15.114	VV	219	3975	0.05%	0.027%
202	15.128	15.114	15.142	VV	157	2023	0.02%	0.014%
203	15.192	15.142	15.281	VV	4421	94892	1.13%	0.634%
204	15.307	15.281	15.323	VV	1043	18474	0.22%	0.124%
205	15.349	15.323	15.382	VV	5463	88679	1.05%	0.593%
206	15.395	15.382	15.479	VV	996	20284	0.24%	0.136%
207	15.485	15.479	15.498	VV	112	929	0.01%	0.006%
208	15.517	15.498	15.600	VV	216	7821	0.09%	0.052%
209	15.622	15.600	15.666	VV	148	2346	0.03%	0.016%
210	15.690	15.666	15.708	PV	107	1158	0.01%	0.008%
211	15.774	15.708	15.834	VV	194	5213	0.06%	0.035%
212	15.873	15.834	15.972	VV	4190	72725	0.86%	0.486%
213	15.979	15.972	16.005	VV	78	1066	0.01%	0.007%
214	16.042	16.005	16.060	VV	95	2143	0.03%	0.014%
215	16.115	16.060	16.124	PV	76	1507	0.02%	0.010%
216	16.144	16.124	16.169	PV	99	1669	0.02%	0.011%
217	16.197	16.169	16.222	VV	195	3442	0.04%	0.023%
218	16.242	16.222	16.293	VV	155	4122	0.05%	0.028%
219	16.306	16.293	16.318	VV	136	1388	0.02%	0.009%
220	16.339	16.318	16.349	VV	492	6213	0.07%	0.042%
221	16.377	16.349	16.461	VV	6555	113234	1.35%	0.757%

rteres

222	16.473	16.461	16.500	VV	255	3873	0.05%	0.026%
223	16.515	16.500	16.573	VV	254	5815	0.07%	0.039%
224	16.585	16.573	16.607	VV	116	1577	0.02%	0.011%
225	16.689	16.607	16.718	VV	275	7309	0.09%	0.049%
226	16.736	16.718	16.788	VV	225	4575	0.05%	0.031%
227	16.864	16.788	16.966	PV	5918	101573	1.21%	0.679%
228	16.995	16.966	17.015	VV	123	2796	0.03%	0.019%
229	17.032	17.015	17.110	VV	170	5757	0.07%	0.038%
230	17.168	17.110	17.190	VV	270	6124	0.07%	0.041%
231	17.216	17.190	17.252	VV	301	6110	0.07%	0.041%
232	17.333	17.252	17.414	VV	7933	137971	1.64%	0.922%
233	17.427	17.414	17.455	VV	180	3967	0.05%	0.027%
234	17.458	17.455	17.488	VV	162	2176	0.03%	0.015%
235	17.496	17.488	17.512	VV	143	1251	0.01%	0.008%
236	17.554	17.512	17.597	VV	162	5041	0.06%	0.034%
237	17.624	17.597	17.651	VV	355	6483	0.08%	0.043%
238	17.674	17.651	17.694	PV	259	3577	0.04%	0.024%
239	17.725	17.694	17.744	VV	202	3909	0.05%	0.026%
240	17.787	17.744	17.862	VV	8301	138948	1.65%	0.929%
241	17.888	17.862	17.968	VV	313	11722	0.14%	0.078%
242	17.973	17.968	17.981	VV	113	681	0.01%	0.005%
243	17.990	17.981	18.027	VV	158	3072	0.04%	0.021%
244	18.069	18.027	18.096	VV	565	11053	0.13%	0.074%
245	18.116	18.096	18.150	VV	290	5194	0.06%	0.035%
246	18.226	18.150	18.324	PV	9360	165168	1.96%	1.104%
247	18.373	18.324	18.431	VV	618	18772	0.22%	0.125%
248	18.500	18.431	18.525	VV	677	13881	0.16%	0.093%
249	18.550	18.525	18.583	VV	701	11251	0.13%	0.075%
250	18.609	18.583	18.620	VV	282	3037	0.04%	0.020%
251	18.651	18.620	18.719	VV	8596	144758	1.72%	0.968%
252	18.744	18.719	18.775	VV	669	12096	0.14%	0.081%
253	18.808	18.775	18.833	VV	144	3531	0.04%	0.024%
254	18.839	18.833	18.846	PV	46	179	0.00%	0.001%
255	18.915	18.846	18.942	VV	755	14342	0.17%	0.096%
256	18.961	18.942	18.990	VV	334	4905	0.06%	0.033%
257	19.064	18.990	19.143	PV	8656	153650	1.83%	1.027%
258	19.214	19.143	19.261	VV	454	19345	0.23%	0.129%
259	19.320	19.261	19.348	VV	582	16271	0.19%	0.109%
260	19.365	19.348	19.401	VV	528	10337	0.12%	0.069%
261	19.464	19.401	19.550	VV	6514	147519	1.75%	0.986%
262	19.636	19.550	19.681	VV	726	39448	0.47%	0.264%
263	19.712	19.681	19.734	VV	894	21607	0.26%	0.144%
264	19.757	19.734	19.788	VV	711	18591	0.22%	0.124%
265	19.853	19.788	19.941	VV	6204	156690	1.86%	1.048%
266	19.999	19.941	20.011	VV	903	33478	0.40%	0.224%
267	20.035	20.011	20.065	VV	936	27850	0.33%	0.186%
268	20.093	20.065	20.115	VV	1234	32248	0.38%	0.216%
269	20.140	20.115	20.190	VV	1463	51471	0.61%	0.344%

rteres

270	20.229	20.190	20.266	VV	4571	107566	1.28%	0.719%
271	20.283	20.266	20.308	VV	1485	34566	0.41%	0.231%
272	20.412	20.308	20.429	VV	1688	109429	1.30%	0.732%
273	20.466	20.429	20.482	VV	1858	54949	0.65%	0.367%
274	20.510	20.482	20.541	VV	2043	66975	0.80%	0.448%
275	20.599	20.541	20.635	VV	5341	170451	2.03%	1.139%
276	20.659	20.635	20.698	VV	2627	94318	1.12%	0.631%
277	20.877	20.698	20.908	VV	2875	335380	3.98%	2.242%
278	20.966	20.908	21.008	VV	4232	187723	2.23%	1.255%
279	21.100	21.008	21.191	VV	4787	396281	4.71%	2.649%
280	21.214	21.191	21.255	VV	2844	105127	1.25%	0.703%
281	21.278	21.255	21.318	VV	2594	93370	1.11%	0.624%
282	21.373	21.318	21.435	VV	3773	195352	2.32%	1.306%
283	21.438	21.435	21.461	VV	2502	36132	0.43%	0.242%
284	21.481	21.461	21.521	VV	2227	76384	0.91%	0.511%
285	21.532	21.521	21.568	VV	2095	57252	0.68%	0.383%
286	21.581	21.568	21.597	VV	2045	34234	0.41%	0.229%
287	21.607	21.597	21.675	VV	1916	84602	1.01%	0.566%
288	21.725	21.675	21.789	VV	1740	112949	1.34%	0.755%
289	21.833	21.789	21.918	VV	1999	122103	1.45%	0.816%
290	21.929	21.918	22.072	VV	1296	101162	1.20%	0.676%
291	22.081	22.072	22.118	VV	931	23774	0.28%	0.159%
292	22.144	22.118	22.181	VV	849	29045	0.35%	0.194%
293	22.207	22.181	22.268	VV	682	31735	0.38%	0.212%
294	22.281	22.268	22.298	VV	480	8300	0.10%	0.055%
295	22.351	22.298	22.487	VV	1147	54571	0.65%	0.365%
296	22.496	22.487	22.501	PBA	53	8196	0.10%	0.055%

Sum of corrected areas: 14958429

Aliphatic EPH 102925.M Fri Nov 21 00:24:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 18 00:32:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.002	5732178	50.583 ug/ml
Spiked Amount 50.000		Recovery = 101.17%	
6) S 2-Flurobiphenyl (SURR)	8.879	3797616	53.247 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 106.49%	
11) S ortho-Terphenyl (SURR)	11.949	5908012	40.231 ug/ml
Spiked Amount 50.000		Recovery = 80.46%	
Target Compounds			

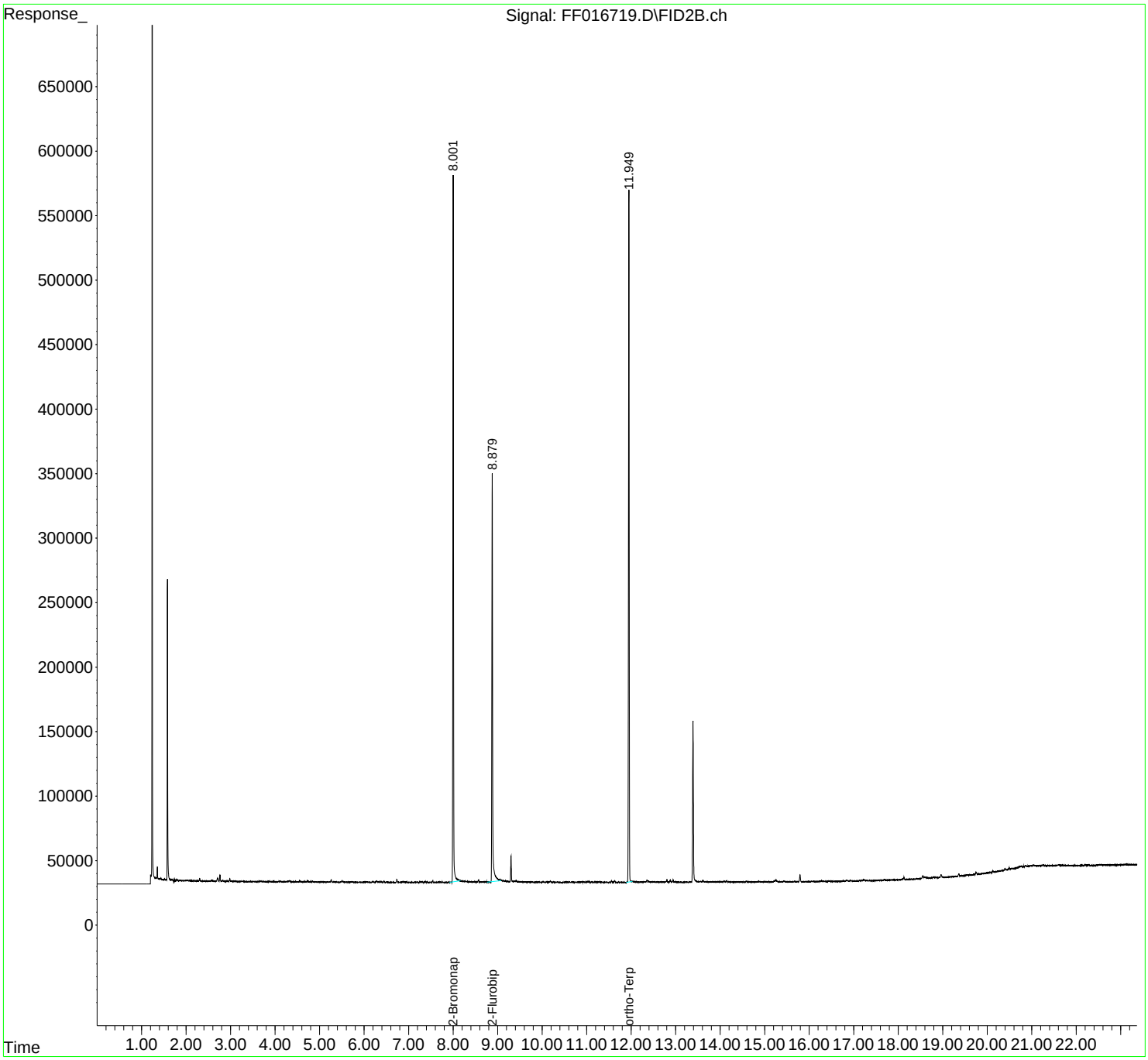
(f)=RT Delta > 1/2 Window (m)=manual int.

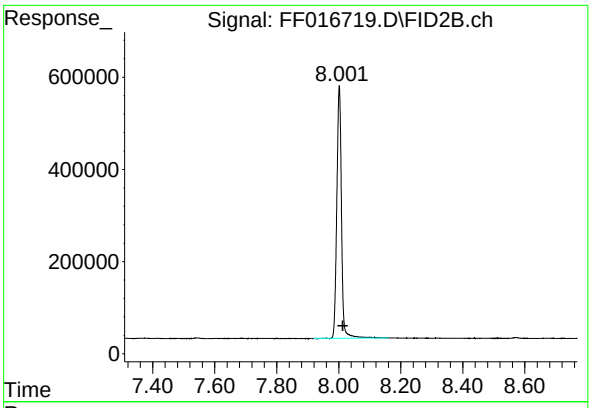
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 18 00:32:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

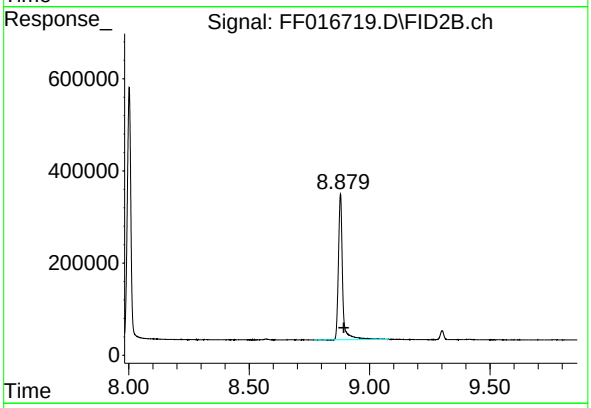




#4 2-Bromonaphthalene (SURR)

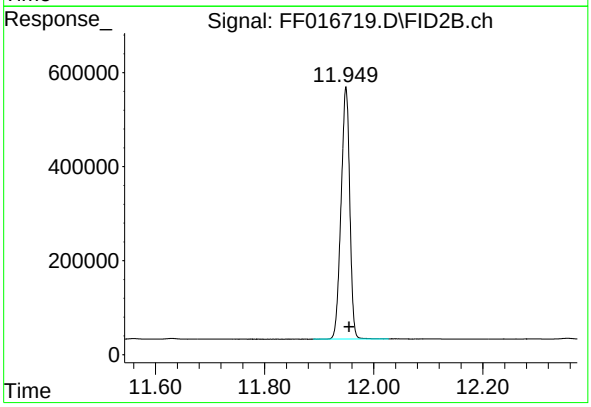
R.T.: 8.002 min
Delta R.T.: -0.011 min
Response: 5732178
Conc: 50.58 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170577BL



#6 2-Flurobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: -0.014 min
Response: 3797616
Conc: 53.25 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.006 min
Response: 5908012
Conc: 40.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.002	7.917	8.161	BB	549443	5732178	97.02%	37.131%
2	8.879	8.766	9.079	BB	316707	3797616	64.28%	24.599%
3	11.949	11.889	12.027	BB	535848	5908012	100.00%	38.270%
			Sum of corrected areas:			15437807		

Aromatic EPH 102925.M Tue Nov 18 01:11:45 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 20 23:49:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.478	2987792	24.809 ug/ml
Spiked Amount 50.000		Recovery = 49.62%	
Target Compounds			

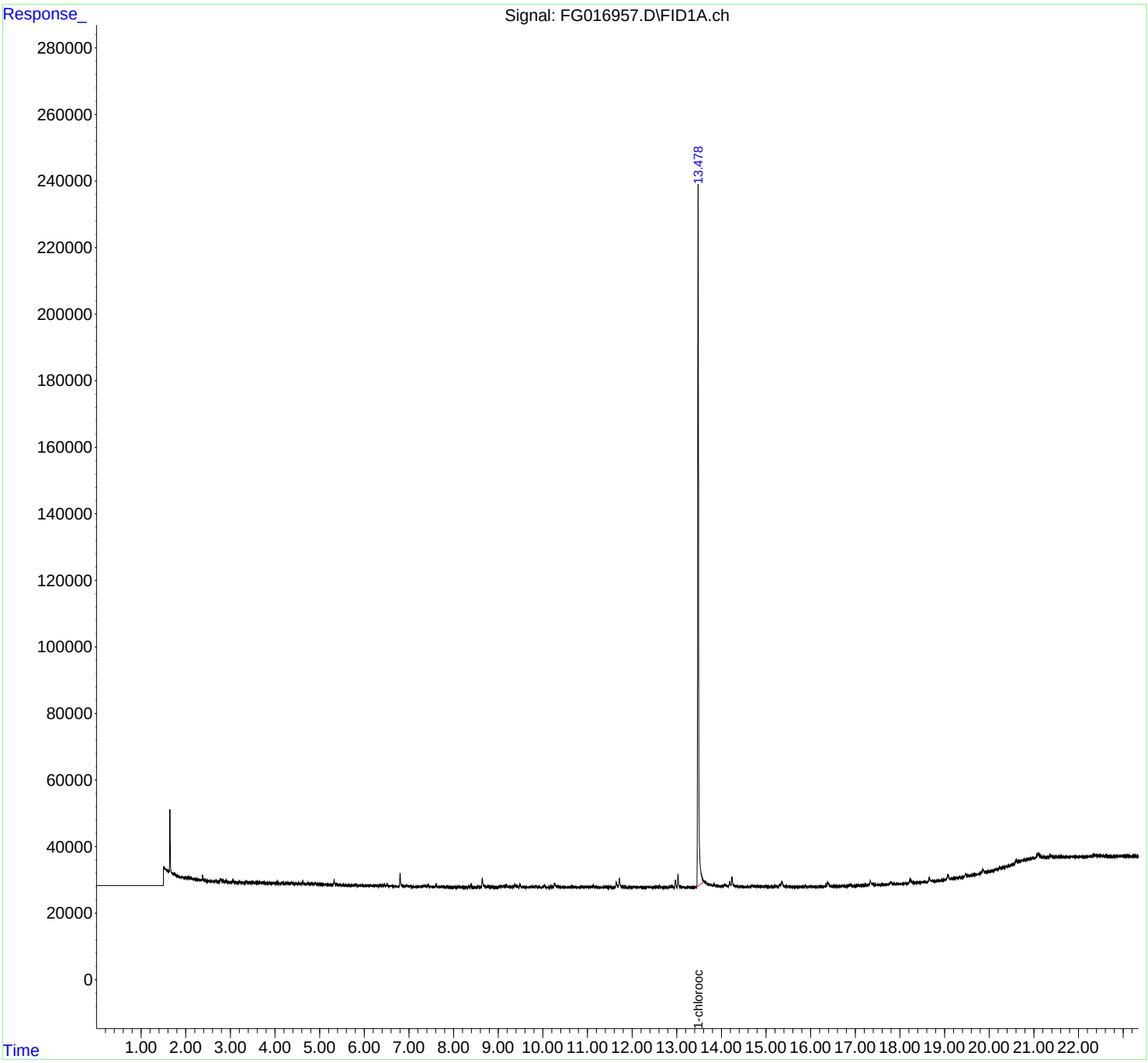
(f)=RT Delta > 1/2 Window (m)=manual int.

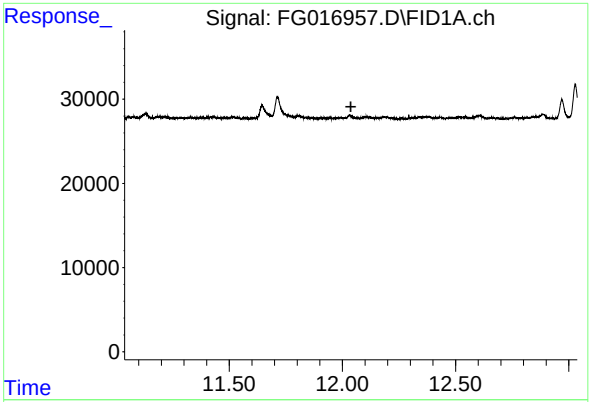
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 20 23:49:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

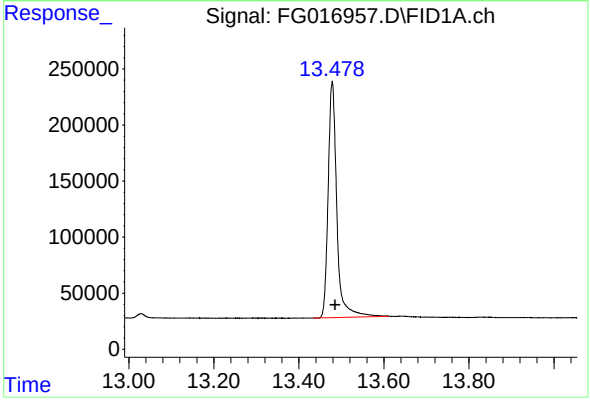




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
PB170577BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2987792
Conc: 24.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.478	13.434	13.611	BB	210899	2987792	100.00%	100.000%
			Sum of corrected areas:			2987792		

Aliphatic EPH 102925.M Fri Nov 21 00:22:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 21 05:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	8.005	6657703	58.751 ug/ml
Spiked Amount	50.000		Recovery =	117.50%
6) S	2-Flurobiphenyl (SURR)	8.883	4257234	59.691 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	119.38%
11) S	ortho-Terphenyl (SURR)	11.951	6379745	43.443 ug/ml
Spiked Amount	50.000		Recovery =	86.89%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.595	4831557	36.704 ug/ml
2) T	Naphthalene (C11.7)	6.273	5570293	42.106 ug/ml
3) T	2-Methylnaphthalene (...	7.374	5383004	40.493 ug/ml
5) T	Acenaphthylene (C15.06)	8.682	6059932	44.854 ug/ml
7) T	Acenaphthene (C15.5)	8.982	6180754	44.964 ug/ml
8) T	Flouorene (C16.55)	9.772	6201730	47.636 ug/ml
9) T	Phenanthrene (C19.36)	11.183	6127707	46.342 ug/ml
10) T	Anthracene (C19.43)	11.258	5794931	42.764 ug/ml
12) T	Fluoranthene (C21.85)	13.008	6113638	44.548 ug/ml
13) T	Pyrene (C20.8)	13.308	6077051	44.343 ug/ml
14) T	Benzo[a]anthracene (C...	15.195	5600897	49.178 ug/ml
15) T	Chrysene (C27.41)	15.240	6746858	47.811 ug/ml
16) T	benzo[b]fluoranthene ...	16.761	5601581	50.402 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.795	5745237	47.036 ug/ml
18) T	Benzo[a]pyrene (C31.34)	17.143	5537035	50.451 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.524	6016839	69.921 ug/ml
20) T	Dibenz[a,h]anthracene...	18.562	5648547	42.891 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.782	5812758	54.852 ug/ml

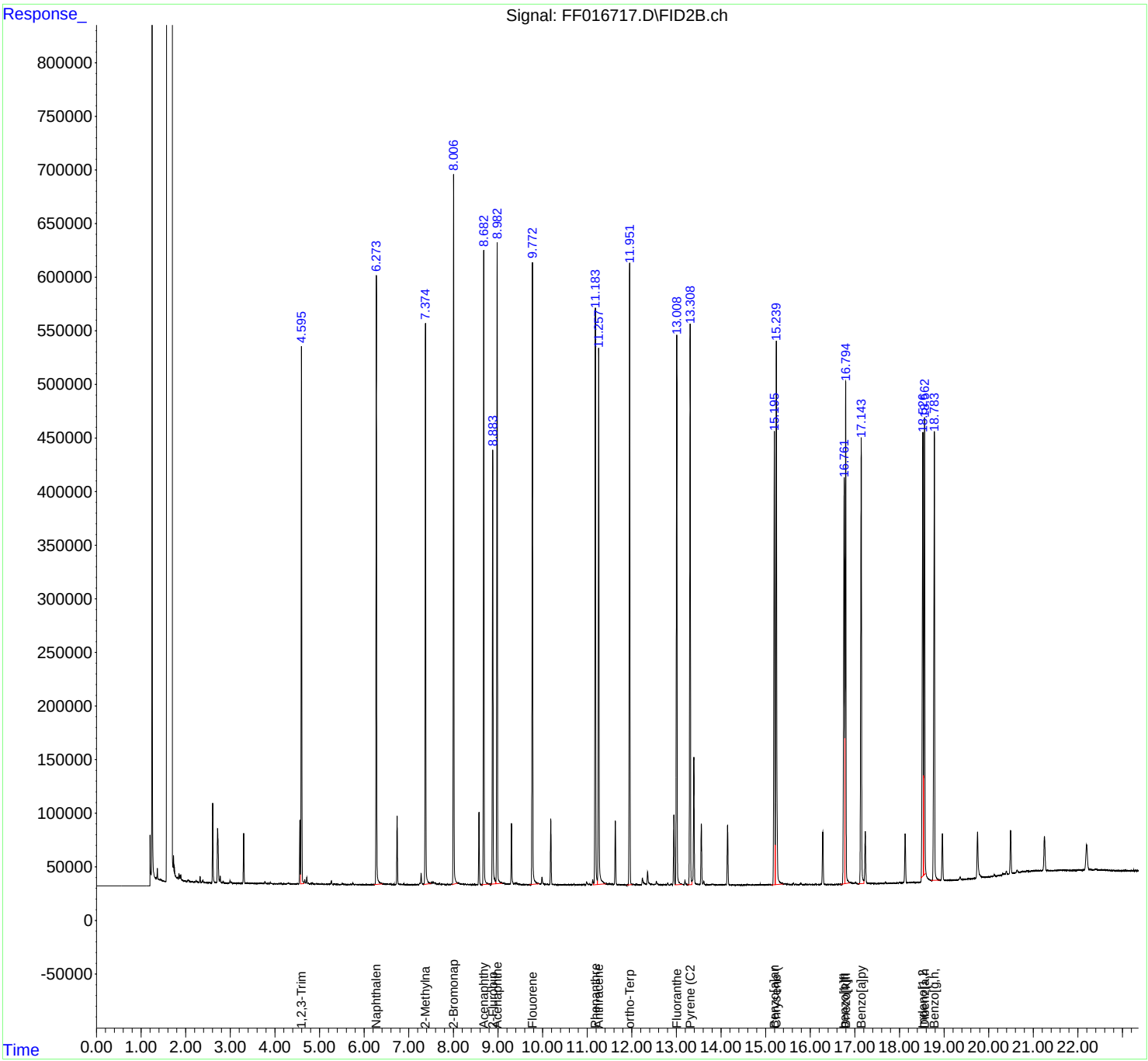
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 21 05:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.595	4.574	4.650	VV	501419	4831557	71.61%	3.949%
2	6.273	6.214	6.415	BB	570064	5570293	82.56%	4.553%
3	7.374	7.334	7.499	PV	523162	5383004	79.79%	4.400%
4	8.005	7.973	8.097	PB	662404	6657703	98.68%	5.442%
5	8.682	8.634	8.794	BB	591962	6059932	89.82%	4.953%
6	8.883	8.824	8.950	BV	403159	4257234	63.10%	3.480%
7	8.982	8.950	9.102	VB	598036	6180754	91.61%	5.052%
8	9.772	9.705	9.922	BB	579847	6201730	91.92%	5.069%
9	11.183	11.140	11.227	VV	532082	6127707	90.82%	5.009%
10	11.258	11.227	11.422	VB	500712	5794931	85.89%	4.737%
11	11.951	11.889	12.009	BB	579974	6379745	94.56%	5.215%
12	13.008	12.972	13.130	VB	513847	6113638	90.61%	4.997%
13	13.308	13.245	13.347	BV	524917	6077051	90.07%	4.967%
14	15.195	15.127	15.215	BV	422348	5600897	83.01%	4.578%
15	15.240	15.215	15.400	VB	506847	6746858	100.00%	5.515%
16	16.761	16.684	16.777	BV	377623	5601581	83.03%	4.579%
17	16.795	16.777	16.882	VV	467995	5745237	85.15%	4.696%
18	17.143	17.077	17.202	BV	414452	5537035	82.07%	4.526%
19	18.524	18.487	18.540	BV	410687	6016839	89.18%	4.918%
20	18.562	18.540	18.595	VBA	423602	5648547	83.72%	4.617%
21	18.782	18.700	18.907	BB	418424	5812758	86.16%	4.751%

Sum of corrected areas: 122345031

Aromatic EPH 102925.M Fri Nov 21 05:51:01 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 18 01:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.480	2963779	24.609 ug/ml
Spiked Amount	50.000		Recovery =	49.22%
	Target Compounds			
1) T	n-Nonane (C9)	3.359	2804944	22.514 ug/ml
2) T	n-Decane (C10)	4.620	3435300	26.833 ug/ml
4) T	n-Dodecane (C12)	6.801	3957455	30.352 ug/ml
6) T	n-Tetradecane (C14)	8.641	4364637	34.164 ug/ml
7) T	n-Hexadecane (C16)	10.260	4923717	37.263 ug/ml
8) T	n-Octadecane (C18)	11.713	5489405	39.391 ug/ml
10) T	n-Eicosane (C20)	13.033	5876850	42.044 ug/ml
11) T	n-Heneicosane (C21)	13.650	5925713	42.621 ug/ml
13) T	n-Docosane (C22)	14.241	5941144	41.993 ug/ml
14) T	n-Tetracosane (C24)	15.352	5894260	40.089 ug/ml
15) T	n-Hexacosane (C26)	16.380	5722039	39.003 ug/ml
16) T	n-Octacosane (C28)	17.338	5504927	37.395 ug/ml
17) T	n-Tricontane (C30)	18.230	5160890	34.107 ug/ml
18) T	n-Dotriacontane (C32)	19.068	4912630	33.327 ug/ml
19) T	n-Tetratriacontane (C34)	19.857	4732259	36.722 ug/ml
20) T	n-Hexatriacontane (C36)	20.602	4515036	43.622 ug/ml
21) T	n-Octatriacontane (C38)	21.377	4466309	50.661 ug/ml
22) T	n-Tetracontane (C40)	22.361	4365526	55.754 ug/ml

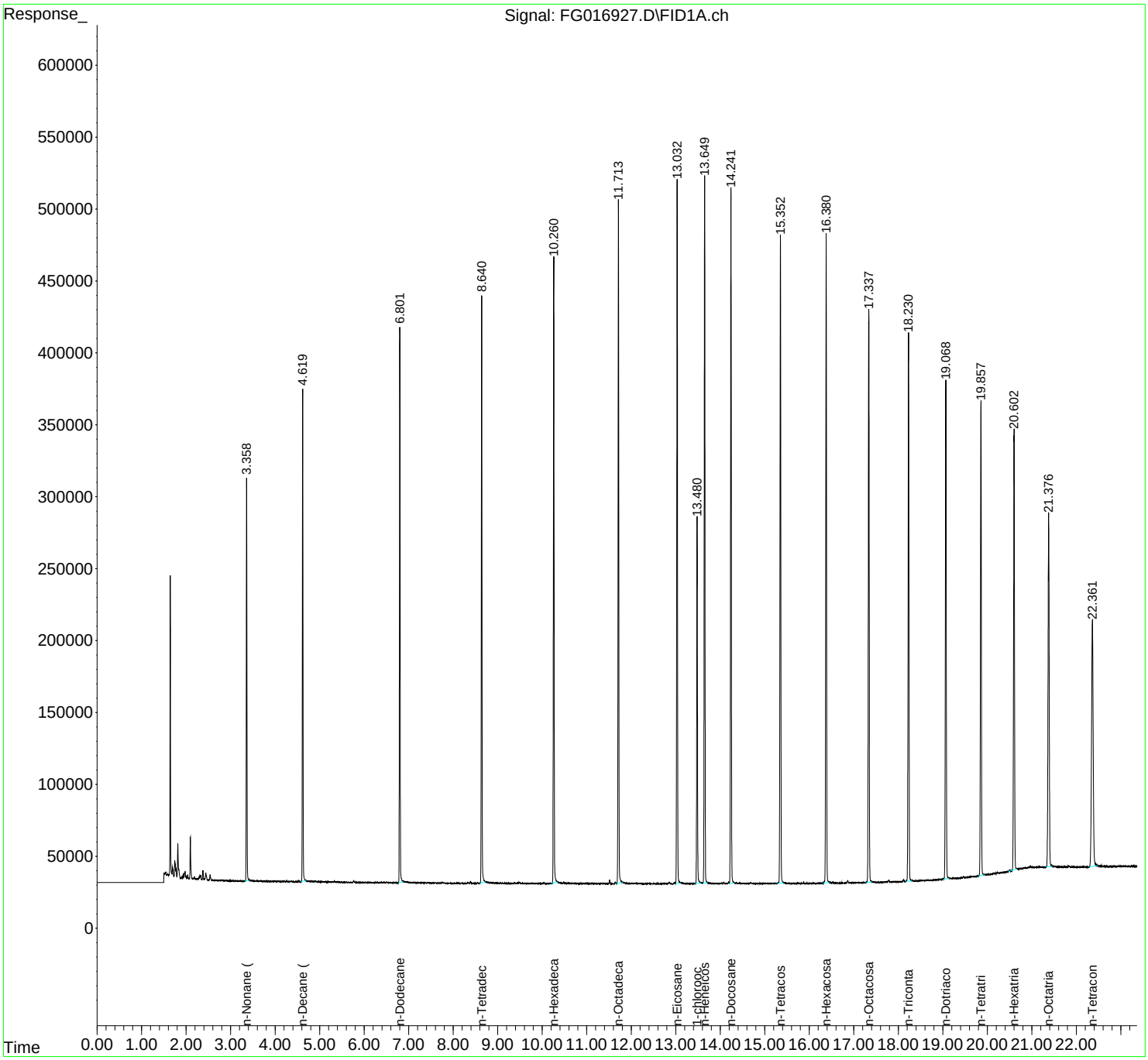
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 18 01:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.359	3.320	3.423	BB	279917	2804944	47.21%	3.084%
2	4.620	4.576	4.697	BB	341925	3435300	57.82%	3.777%
3	6.801	6.767	6.882	BB	386110	3957455	66.61%	4.351%
4	8.641	8.598	8.730	BB	407525	4364637	73.46%	4.799%
5	10.260	10.212	10.350	BB	435418	4923717	82.87%	5.413%
6	11.713	11.668	11.804	BB	474436	5489405	92.40%	6.035%
7	13.033	12.993	13.112	BB	489242	5876850	98.92%	6.461%
8	13.480	13.434	13.561	BB	254805	2963779	49.89%	3.258%
9	13.650	13.612	13.716	BB	491323	5925713	99.74%	6.515%
10	14.241	14.203	14.318	VB	482940	5941144	100.00%	6.532%
11	15.352	15.278	15.427	BB	449410	5894260	99.21%	6.480%
12	16.380	16.310	16.454	BB	450366	5722039	96.31%	6.291%
13	17.338	17.272	17.414	BB	397900	5504927	92.66%	6.052%
14	18.230	18.166	18.305	BB	381986	5160890	86.87%	5.674%
15	19.068	19.010	19.141	BB	344736	4912630	82.69%	5.401%
16	19.857	19.794	19.930	BB	328810	4732259	79.65%	5.203%
17	20.602	20.471	20.666	BB	300280	4515036	76.00%	4.964%
18	21.377	21.314	21.458	BB	244764	4466309	75.18%	4.910%
19	22.361	22.278	22.477	BB	171723	4365526	73.48%	4.800%
			Sum of corrected areas:			90956819		

Aliphatic EPH 102925.M Tue Nov 18 03:10:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 00:31:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.010	6072329	53.585 ug/ml
Spiked Amount 50.000		Recovery = 107.17%	
6) S 2-Flurobiphenyl (SURR)	8.886	3887536	54.507 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 109.01%	
11) S ortho-Terphenyl (SURR)	11.953	5813344	39.586 ug/ml
Spiked Amount 50.000		Recovery = 79.17%	
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	4403045	33.449 ug/ml
2) T Naphthalene (C11.7)	6.278	5063189	38.273 ug/ml
3) T 2-Methylnaphthalene (...	7.379	4893604	36.812 ug/ml
5) T Acenaphthylene (C15.06)	8.685	5518581	40.847 ug/ml
7) T Acenaphthene (C15.5)	8.986	5637635	41.013 ug/ml
8) T Flouorene (C16.55)	9.775	5688570	43.694 ug/ml
9) T Phenanthrene (C19.36)	11.185	5565665	42.091 ug/ml
10) T Anthracene (C19.43)	11.260	5289604	39.035 ug/ml
12) T Fluoranthene (C21.85)	13.010	5536930	40.345 ug/ml
13) T Pyrene (C20.8)	13.309	5505716	40.174 ug/ml
14) T Benzo[a]anthracene (C...	15.196	5059585	44.425 ug/ml
15) T Chrysene (C27.41)	15.239	6106210	43.271 ug/ml
16) T benzo[b]fluoranthene ...	16.760	5066867	45.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	5245149	42.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	5023019	45.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.522	5529130	64.254 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	5457587	41.441 ug/ml
21) T Benzo[g,h,i]perylene ...	18.780	5218837	49.247 ug/ml

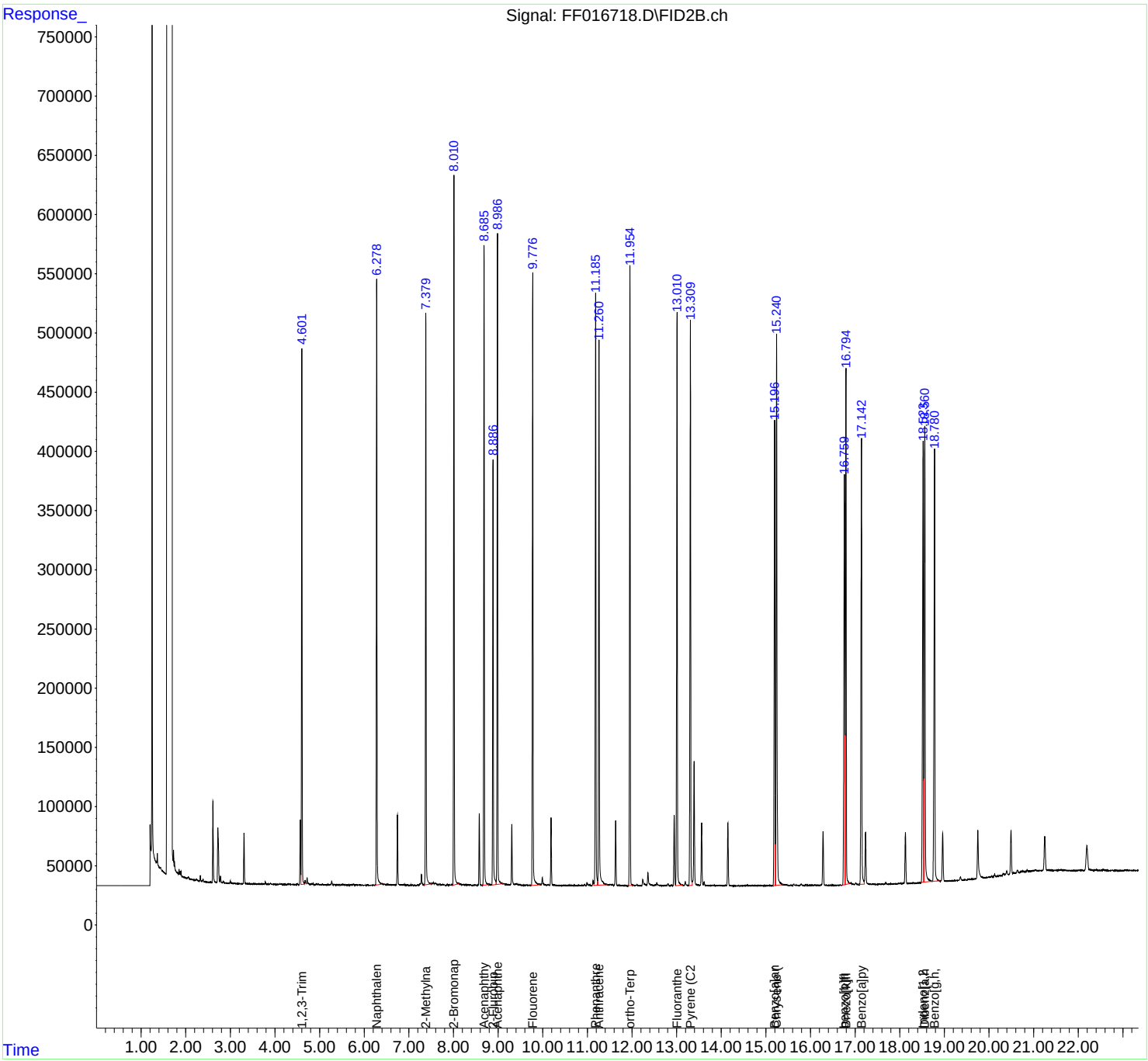
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 00:31:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.601	4.581	4.658	VV	452000	4403045	72.11%	3.946%
2	6.278	6.247	6.411	BB	514147	5063189	82.92%	4.538%
3	7.379	7.342	7.499	PB	483248	4893604	80.14%	4.386%
4	8.010	7.979	8.122	PB	596923	6072329	99.45%	5.442%
5	8.685	8.649	8.796	BB	541494	5518581	90.38%	4.946%
6	8.886	8.852	8.956	BV	359715	3887536	63.67%	3.484%
7	8.986	8.956	9.104	VB	550593	5637635	92.33%	5.052%
8	9.775	9.729	9.946	BB	518543	5688570	93.16%	5.098%
9	11.185	11.142	11.231	VV	499215	5565665	91.15%	4.988%
10	11.260	11.231	11.452	VB	459103	5289604	86.63%	4.741%
11	11.953	11.904	12.009	BB	525797	5813344	95.20%	5.210%
12	13.010	12.976	13.134	VB	481551	5536930	90.68%	4.962%
13	13.309	13.269	13.349	BV	478333	5505716	90.17%	4.934%
14	15.196	15.147	15.215	BV	392972	5059585	82.86%	4.534%
15	15.239	15.215	15.391	VB	463969	6106210	100.00%	5.472%
16	16.760	16.704	16.776	BV	345763	5066867	82.98%	4.541%
17	16.794	16.776	16.881	VV	435469	5245149	85.90%	4.701%
18	17.142	17.074	17.204	BV	377194	5023019	82.26%	4.502%
19	18.522	18.481	18.538	BV	371668	5529130	90.55%	4.955%
20	18.560	18.538	18.731	VBA	383151	5457587	89.38%	4.891%
21	18.780	18.731	18.907	BB	364722	5218837	85.47%	4.677%

Sum of corrected areas: 111582132

Aromatic EPH 102925.M Tue Nov 18 01:11:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.480	2989856	24.826 ug/ml
Spiked Amount	50.000		Recovery =	49.65%
	Target Compounds			
1) T	n-Nonane (C9)	3.360	2827287	22.693 ug/ml
2) T	n-Decane (C10)	4.620	3462741	27.048 ug/ml
4) T	n-Dodecane (C12)	6.801	3986829	30.577 ug/ml
6) T	n-Tetradecane (C14)	8.642	4398207	34.427 ug/ml
7) T	n-Hexadecane (C16)	10.260	4955975	37.507 ug/ml
8) T	n-Octadecane (C18)	11.713	5543784	39.782 ug/ml
10) T	n-Eicosane (C20)	13.033	5930866	42.430 ug/ml
11) T	n-Heneicosane (C21)	13.650	5981240	43.020 ug/ml
13) T	n-Docosane (C22)	14.241	5989855	42.337 ug/ml
14) T	n-Tetracosane (C24)	15.352	5940421	40.403 ug/ml
15) T	n-Hexacosane (C26)	16.380	5763294	39.284 ug/ml
16) T	n-Octacosane (C28)	17.336	5540881	37.640 ug/ml
17) T	n-Tricontane (C30)	18.230	5185389	34.269 ug/ml
18) T	n-Dotriacontane (C32)	19.069	4936378	33.488 ug/ml
19) T	n-Tetratriacontane (C34)	19.857	4741496	36.794 ug/ml
20) T	n-Hexatriacontane (C36)	20.599	4524199	43.710 ug/ml
21) T	n-Octatriacontane (C38)	21.376	4475671	50.767 ug/ml
22) T	n-Tetracontane (C40)	22.360	4376107	55.889 ug/ml

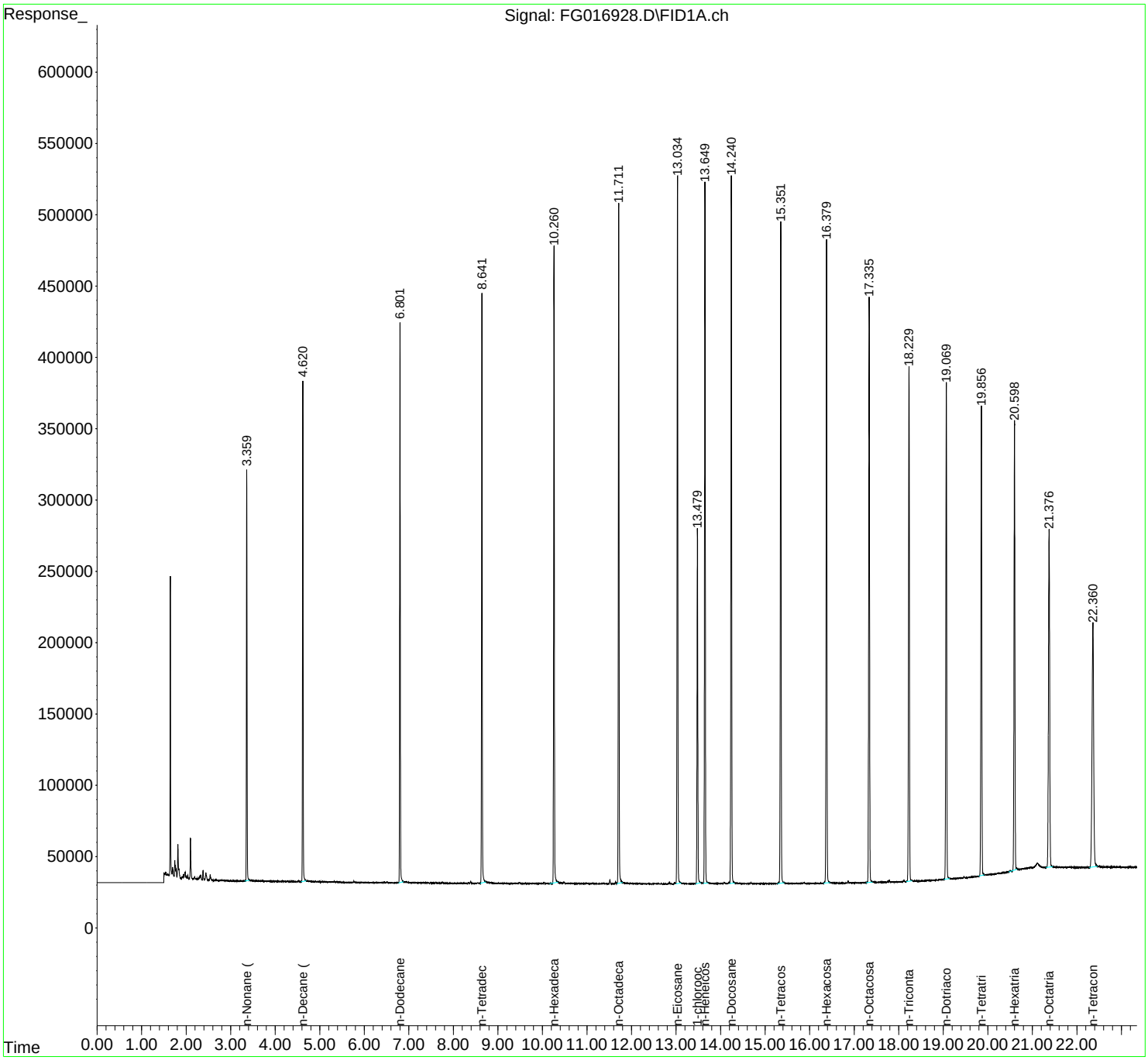
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.360	3.320	3.425	BB	288113	2827287	47.20%	3.088%
2	4.620	4.579	4.697	BB	350335	3462741	57.81%	3.782%
3	6.801	6.768	6.883	BB	392272	3986829	66.56%	4.355%
4	8.642	8.600	8.731	BB	413331	4398207	73.43%	4.804%
5	10.260	10.158	10.353	BB	446779	4955975	82.74%	5.413%
6	11.713	11.669	11.807	BB	476753	5543784	92.55%	6.055%
7	13.033	12.993	13.110	BB	496463	5930866	99.02%	6.478%
8	13.480	13.437	13.557	BB	247767	2989856	49.92%	3.266%
9	13.650	13.612	13.722	BB	490297	5981240	99.86%	6.533%
10	14.241	14.203	14.319	VB	496688	5989855	100.00%	6.543%
11	15.352	15.274	15.428	BB	459588	5940421	99.17%	6.489%
12	16.380	16.311	16.455	BB	449452	5763294	96.22%	6.295%
13	17.336	17.271	17.413	BB	409082	5540881	92.50%	6.052%
14	18.230	18.167	18.300	BB	360380	5185389	86.57%	5.664%
15	19.069	19.011	19.143	BB	345606	4936378	82.41%	5.392%
16	19.857	19.800	19.927	BB	328216	4741496	79.16%	5.179%
17	20.599	20.468	20.660	BB	312558	4524199	75.53%	4.942%
18	21.376	21.308	21.459	BB	234680	4475671	74.72%	4.889%
19	22.360	22.277	22.470	BB	171379	4376107	73.06%	4.780%
			Sum of corrected areas:			91550475		

Aliphatic EPH 102925.M Tue Nov 18 03:10:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 18 00:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	8.010	5315856	46.909 ug/ml
Spiked Amount	50.000		Recovery =	93.82%
6) S	2-Flurobiphenyl (SURR)	8.886	3581574	50.217 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	100.43%
11) S	ortho-Terphenyl (SURR)	11.953	5071986	34.538 ug/ml
Spiked Amount	50.000		Recovery =	69.08%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.602	3538094	26.878 ug/ml
2) T	Naphthalene (C11.7)	6.279	3805926	28.769 ug/ml
3) T	2-Methylnaphthalene (...	7.379	3552121	26.721 ug/ml
5) T	Acenaphthylene (C15.06)	8.685	4214312	31.193 ug/ml
7) T	Acenaphthene (C15.5)	8.985	4347782	31.629 ug/ml
8) T	Flouorene (C16.55)	9.775	4520461	34.722 ug/ml
9) T	Phenanthrene (C19.36)	11.183	4707887	35.604 ug/ml
10) T	Anthracene (C19.43)	11.259	4841231	35.726 ug/ml
12) T	Fluoranthene (C21.85)	13.009	4824625	35.155 ug/ml
13) T	Pyrene (C20.8)	13.308	4732819	34.535 ug/ml
14) T	Benzo[a]anthracene (C...	15.194	4349566	38.191 ug/ml
15) T	Chrysene (C27.41)	15.238	5311265	37.638 ug/ml
16) T	benzo[b]fluoranthene ...	16.759	4363504	39.262 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.792	4505349	36.885 ug/ml
18) T	Benzo[a]pyrene (C31.34)	17.140	4272748	38.932 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.520	4456686	51.791 ug/ml
20) T	Dibenz[a,h]anthracene...	18.557	4682768	35.558 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.777	4665573	44.026 ug/ml

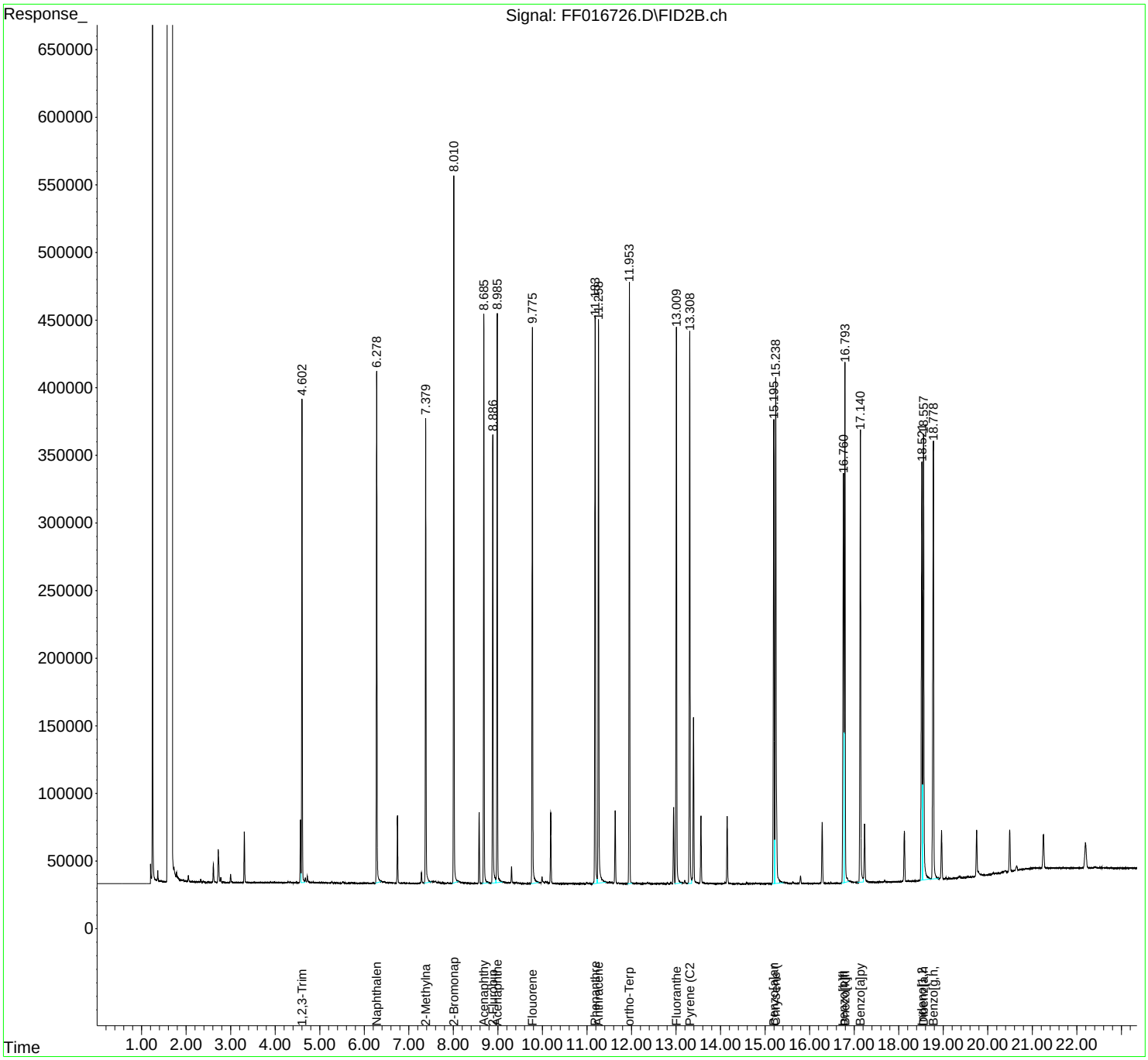
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 18 00:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.478	4.446	4.499	VV	315	3762	0.07%	0.004%
2	4.511	4.499	4.527	PV	138	1365	0.03%	0.001%
3	4.567	4.527	4.582	VV	46586	453117	8.41%	0.431%
4	4.602	4.582	4.659	VV	358459	3548655	65.84%	3.372%
5	4.676	4.659	4.701	VV	3805	50884	0.94%	0.048%
6	4.721	4.701	4.753	VV	5217	68376	1.27%	0.065%
7	4.757	4.753	4.777	VV	781	8513	0.16%	0.008%
8	4.789	4.777	4.802	VV	419	5462	0.10%	0.005%
9	4.819	4.802	4.837	VV	546	7557	0.14%	0.007%
10	4.852	4.837	4.874	VV	726	10114	0.19%	0.010%
11	4.877	4.874	4.883	VV	242	1330	0.02%	0.001%
12	4.889	4.883	4.901	VV	290	2583	0.05%	0.002%
13	4.912	4.901	4.946	VV	288	5857	0.11%	0.006%
14	4.951	4.946	4.954	VV	250	1103	0.02%	0.001%
15	4.984	4.954	5.016	VV	360	8591	0.16%	0.008%
16	5.030	5.016	5.034	VV	269	2319	0.04%	0.002%
17	5.039	5.034	5.051	VV	266	2277	0.04%	0.002%
18	5.065	5.051	5.092	VV	346	6417	0.12%	0.006%
19	5.096	5.092	5.146	VV	217	4950	0.09%	0.005%
20	5.150	5.146	5.171	VV	268	2307	0.04%	0.002%
21	5.179	5.171	5.196	VV	268	2426	0.05%	0.002%
22	5.212	5.208	5.232	VV	145	1341	0.02%	0.001%
23	5.248	5.232	5.254	VV	292	3089	0.06%	0.003%
24	5.272	5.254	5.309	VV	1289	17999	0.33%	0.017%
25	5.329	5.309	5.352	VV	353	5785	0.11%	0.005%
26	5.360	5.352	5.373	VV	233	2137	0.04%	0.002%
27	5.390	5.373	5.409	VV	306	3701	0.07%	0.004%
28	5.414	5.409	5.431	VV	125	1166	0.02%	0.001%
29	5.442	5.431	5.494	VV	145	3313	0.06%	0.003%
30	5.516	5.494	5.554	PV	1186	19446	0.36%	0.018%
31	5.558	5.554	5.561	VV	276	1008	0.02%	0.001%
32	5.564	5.561	5.568	VV	308	1140	0.02%	0.001%
33	5.571	5.568	5.620	VV	340	5730	0.11%	0.005%
34	5.653	5.637	5.661	VV	181	1529	0.03%	0.001%
35	5.671	5.661	5.690	VV	218	2603	0.05%	0.002%
36	5.709	5.690	5.729	VV	510	7169	0.13%	0.007%

rteres

37	5.754	5.729	5.777	VV	496	8510	0.16%	0.008%
38	5.782	5.777	5.801	VV	101	1267	0.02%	0.001%
39	5.811	5.801	5.841	VV	143	2120	0.04%	0.002%
40	5.904	5.841	5.927	PV	238	5543	0.10%	0.005%
41	5.954	5.941	5.969	PV	121	1383	0.03%	0.001%
42	5.976	5.969	5.987	VV	170	1214	0.02%	0.001%
43	6.023	5.987	6.041	VV	273	5524	0.10%	0.005%
44	6.059	6.041	6.072	VV	255	3151	0.06%	0.003%
45	6.080	6.072	6.122	VV	253	4480	0.08%	0.004%
46	6.136	6.130	6.163	VV	184	2408	0.04%	0.002%
47	6.196	6.163	6.237	VV	642	10730	0.20%	0.010%
48	6.243	6.237	6.249	VV	232	1472	0.03%	0.001%
49	6.279	6.249	6.377	VV	378524	3867840	71.76%	3.675%
50	6.387	6.377	6.423	VV	1786	36914	0.68%	0.035%
51	6.430	6.423	6.436	VV	900	6728	0.12%	0.006%
52	6.456	6.436	6.494	VV	1586	33926	0.63%	0.032%
53	6.499	6.494	6.503	VV	615	3055	0.06%	0.003%
54	6.506	6.503	6.517	VV	615	5121	0.10%	0.005%
55	6.525	6.517	6.555	VV	677	13283	0.25%	0.013%
56	6.561	6.555	6.575	VV	563	5651	0.10%	0.005%
57	6.584	6.575	6.611	VV	580	10519	0.20%	0.010%
58	6.615	6.611	6.634	VV	451	5645	0.10%	0.005%
59	6.640	6.634	6.660	VV	427	5432	0.10%	0.005%
60	6.665	6.660	6.678	VV	360	3295	0.06%	0.003%
61	6.681	6.678	6.715	VV	354	5565	0.10%	0.005%
62	6.745	6.715	6.812	VV	50411	519378	9.64%	0.493%
63	6.830	6.812	6.845	VV	525	7976	0.15%	0.008%
64	6.866	6.845	6.883	VV	443	8119	0.15%	0.008%
65	6.899	6.883	6.919	VV	681	9740	0.18%	0.009%
66	6.938	6.919	6.959	VV	362	6062	0.11%	0.006%
67	6.972	6.959	6.991	VV	546	6253	0.12%	0.006%
68	6.998	6.991	7.005	VV	211	1446	0.03%	0.001%
69	7.010	7.005	7.020	VV	205	1733	0.03%	0.002%
70	7.033	7.020	7.057	VV	311	4135	0.08%	0.004%
71	7.070	7.057	7.082	VV	173	2113	0.04%	0.002%
72	7.087	7.082	7.114	VV	221	2664	0.05%	0.003%
73	7.147	7.130	7.156	VV	204	2169	0.04%	0.002%
74	7.159	7.156	7.174	VV	195	1198	0.02%	0.001%
75	7.201	7.185	7.219	PV	349	3442	0.06%	0.003%
76	7.283	7.231	7.344	VV	8375	114833	2.13%	0.109%
77	7.379	7.344	7.489	VV	344027	3616505	67.09%	3.436%
78	7.493	7.489	7.502	VV	1417	10383	0.19%	0.010%
79	7.519	7.502	7.536	VV	1930	30404	0.56%	0.029%
80	7.552	7.536	7.564	VV	1793	24520	0.45%	0.023%
81	7.584	7.564	7.598	VV	1911	30810	0.57%	0.029%
82	7.606	7.598	7.641	VV	1612	27575	0.51%	0.026%
83	7.660	7.641	7.685	VV	1287	23757	0.44%	0.023%
84	7.695	7.685	7.727	VV	868	16012	0.30%	0.015%
85	7.731	7.727	7.737	VV	532	2837	0.05%	0.003%
86	7.759	7.737	7.765	VV	723	9845	0.18%	0.009%
87	7.770	7.765	7.815	VV	644	13815	0.26%	0.013%
88	7.867	7.815	7.890	VV	729	16599	0.31%	0.016%
89	7.911	7.890	7.941	VV	324	8683	0.16%	0.008%

rteres

90	7.963	7.941	7.978	VV	487	6560	0.12%	0.006%
91	8.010	7.978	8.112	VV	524037	5390152	100.00%	5.121%
92	8.122	8.112	8.216	VV	1785	69219	1.28%	0.066%
93	8.223	8.216	8.247	VV	705	11645	0.22%	0.011%
94	8.252	8.247	8.259	VV	561	3506	0.07%	0.003%
95	8.273	8.259	8.309	VV	688	16027	0.30%	0.015%
96	8.326	8.309	8.356	VV	668	13462	0.25%	0.013%
97	8.361	8.356	8.381	VV	384	4742	0.09%	0.005%
98	8.400	8.381	8.454	VV	375	10368	0.19%	0.010%
99	8.481	8.454	8.499	VV	536	8821	0.16%	0.008%
100	8.503	8.499	8.508	VV	311	1476	0.03%	0.001%
101	8.511	8.508	8.524	VV	278	1970	0.04%	0.002%
102	8.529	8.524	8.545	VV	217	2082	0.04%	0.002%
103	8.579	8.545	8.651	VV	52646	545449	10.12%	0.518%
104	8.685	8.651	8.800	VV	421778	4261903	79.07%	4.049%
105	8.811	8.800	8.853	VV	847	18252	0.34%	0.017%
106	8.886	8.853	8.955	VV	331420	3616461	67.09%	3.436%
107	8.985	8.955	9.106	VV	422386	4444152	82.45%	4.223%
108	9.110	9.106	9.115	VV	1441	7682	0.14%	0.007%
109	9.118	9.115	9.168	VV	1431	36727	0.68%	0.035%
110	9.173	9.168	9.176	VV	923	3931	0.07%	0.004%
111	9.183	9.176	9.223	VV	917	21797	0.40%	0.021%
112	9.237	9.223	9.251	VV	785	11668	0.22%	0.011%
113	9.255	9.251	9.259	VV	686	3199	0.06%	0.003%
114	9.275	9.259	9.282	VV	844	10411	0.19%	0.010%
115	9.308	9.282	9.372	VV	12813	158045	2.93%	0.150%
116	9.389	9.372	9.398	VV	830	11298	0.21%	0.011%
117	9.423	9.398	9.444	VV	1040	22440	0.42%	0.021%
118	9.446	9.444	9.452	VV	591	2741	0.05%	0.003%
119	9.462	9.452	9.479	VV	650	8720	0.16%	0.008%
120	9.482	9.479	9.486	VV	419	1644	0.03%	0.002%
121	9.495	9.486	9.526	VV	499	7567	0.14%	0.007%
122	9.547	9.526	9.583	VV	323	7330	0.14%	0.007%
123	9.596	9.583	9.623	VV	309	5236	0.10%	0.005%
124	9.627	9.623	9.635	VV	239	1222	0.02%	0.001%
125	9.648	9.635	9.677	VV	214	3283	0.06%	0.003%
126	9.686	9.677	9.702	VV	159	2201	0.04%	0.002%
127	9.704	9.702	9.739	VV	348	2461	0.05%	0.002%
128	9.775	9.739	9.957	VV	412292	4604989	85.43%	4.375%
129	9.992	9.957	10.016	VV	5241	81997	1.52%	0.078%
130	10.020	10.016	10.045	VV	1593	20143	0.37%	0.019%
131	10.067	10.045	10.097	VV	1947	40735	0.76%	0.039%
132	10.103	10.097	10.157	VV	1170	27409	0.51%	0.026%
133	10.187	10.157	10.249	VV	52729	604009	11.21%	0.574%
134	10.258	10.249	10.328	VV	437	13022	0.24%	0.012%
135	10.333	10.328	10.342	VV	211	1556	0.03%	0.001%
136	10.348	10.342	10.354	VV	230	1450	0.03%	0.001%
137	10.359	10.354	10.371	VV	217	1943	0.04%	0.002%
138	10.375	10.371	10.392	VV	246	1771	0.03%	0.002%
139	10.420	10.392	10.429	VV	250	3696	0.07%	0.004%
140	10.434	10.429	10.451	VV	159	1074	0.02%	0.001%
141	10.468	10.451	10.502	VV	332	6253	0.12%	0.006%

rteres

142	10.511	10.502	10.550	VV	283	5627	0.10%	0.005%
143	10.563	10.550	10.567	VV	215	1582	0.03%	0.002%
144	10.581	10.567	10.600	VV	265	4192	0.08%	0.004%
145	10.615	10.600	10.656	VV	320	6053	0.11%	0.006%
146	10.673	10.656	10.691	VV	202	2538	0.05%	0.002%
147	10.709	10.691	10.734	VV	327	4965	0.09%	0.005%
148	10.749	10.734	10.769	VV	188	2838	0.05%	0.003%
149	10.792	10.769	10.802	VV	230	2921	0.05%	0.003%
150	10.813	10.802	10.840	VV	302	4661	0.09%	0.004%
151	10.883	10.840	10.899	VV	293	6963	0.13%	0.007%
152	10.903	10.899	10.911	VV	281	1607	0.03%	0.002%
153	10.928	10.911	10.962	VV	315	5587	0.10%	0.005%
154	10.995	10.962	11.042	PV	1025	24876	0.46%	0.024%
155	11.059	11.042	11.094	VV	502	8304	0.15%	0.008%
156	11.116	11.110	11.132	VV	188	1881	0.03%	0.002%
157	11.183	11.132	11.229	VV	420729	4729111	87.74%	4.493%
158	11.259	11.229	11.424	VV	417532	4949149	91.82%	4.702%
159	11.436	11.424	11.481	VV	1485	38530	0.71%	0.037%
160	11.504	11.481	11.544	VV	1390	43742	0.81%	0.042%
161	11.564	11.544	11.599	VV	1509	33190	0.62%	0.032%
162	11.634	11.599	11.693	VV	54197	651691	12.09%	0.619%
163	11.712	11.693	11.758	VV	749	20410	0.38%	0.019%
164	11.768	11.758	11.779	VV	347	3809	0.07%	0.004%
165	11.790	11.779	11.811	VV	339	5314	0.10%	0.005%
166	11.831	11.811	11.843	VV	306	4512	0.08%	0.004%
167	11.848	11.843	11.859	VV	208	1813	0.03%	0.002%
168	11.865	11.859	11.889	VV	234	2610	0.05%	0.002%
169	11.895	11.889	11.912	VV	143	1422	0.03%	0.001%
170	11.953	11.912	12.011	VV	442741	5090771	94.45%	4.837%
171	12.014	12.011	12.041	VV	662	10449	0.19%	0.010%
172	12.047	12.041	12.071	VV	552	7202	0.13%	0.007%
173	12.114	12.071	12.130	VV	714	16731	0.31%	0.016%
174	12.141	12.130	12.166	VV	373	6689	0.12%	0.006%
175	12.174	12.166	12.194	VV	290	4157	0.08%	0.004%
176	12.204	12.201	12.222	VV	227	1857	0.03%	0.002%
177	12.229	12.222	12.258	VV	238	3927	0.07%	0.004%
178	12.270	12.258	12.276	VV	268	2292	0.04%	0.002%
179	12.297	12.276	12.323	VV	460	9647	0.18%	0.009%
180	12.327	12.323	12.332	VV	273	1320	0.02%	0.001%
181	12.358	12.332	12.378	VV	1229	17193	0.32%	0.016%
182	12.397	12.378	12.431	VV	808	12594	0.23%	0.012%
183	12.441	12.431	12.461	VV	180	2695	0.05%	0.003%
184	12.469	12.461	12.483	VV	198	1558	0.03%	0.001%
185	12.513	12.483	12.536	VV	272	5513	0.10%	0.005%
186	12.537	12.536	12.556	VV	204	1442	0.03%	0.001%
187	12.571	12.556	12.577	VV	256	2315	0.04%	0.002%
188	12.583	12.577	12.608	VV	317	3908	0.07%	0.004%
189	12.630	12.617	12.644	VV	305	3561	0.07%	0.003%
190	12.661	12.644	12.672	VV	530	6054	0.11%	0.006%
191	12.684	12.672	12.700	VV	346	4387	0.08%	0.004%
192	12.733	12.700	12.745	VV	291	5833	0.11%	0.006%
193	12.771	12.753	12.782	VV	289	4254	0.08%	0.004%
194	12.809	12.782	12.841	VV	975	15414	0.29%	0.015%

rteres

195	12.883	12.841	12.910	VV	1268	21114	0.39%	0.020%
196	12.946	12.910	12.975	VV	56587	668160	12.40%	0.635%
197	13.009	12.975	13.142	VV	412038	4874637	90.44%	4.632%
198	13.150	13.142	13.167	VV	790	10569	0.20%	0.010%
199	13.195	13.167	13.253	VV	2619	51460	0.95%	0.049%
200	13.258	13.253	13.269	VV	415	3616	0.07%	0.003%
201	13.308	13.269	13.351	VV	410377	4754373	88.20%	4.517%
202	13.393	13.351	13.524	VV	123258	1614833	29.96%	1.534%
203	13.560	13.524	13.602	VV	50412	637964	11.84%	0.606%
204	13.614	13.602	13.671	VV	1176	27252	0.51%	0.026%
205	13.684	13.671	13.731	VV	354	11259	0.21%	0.011%
206	13.738	13.731	13.744	VV	336	2225	0.04%	0.002%
207	13.753	13.744	13.761	VV	394	3472	0.06%	0.003%
208	13.765	13.761	13.769	VV	385	1924	0.04%	0.002%
209	13.779	13.769	13.803	VV	419	6793	0.13%	0.006%
210	13.809	13.803	13.832	VV	344	4849	0.09%	0.005%
211	13.838	13.832	13.844	VV	353	2246	0.04%	0.002%
212	13.850	13.844	13.868	VV	333	3678	0.07%	0.003%
213	13.874	13.868	13.884	VV	186	1526	0.03%	0.001%
214	13.896	13.884	13.907	VV	249	2635	0.05%	0.003%
215	13.912	13.907	13.923	VV	209	1591	0.03%	0.002%
216	13.944	13.932	13.951	VV	248	2135	0.04%	0.002%
217	13.971	13.951	14.004	VV	314	7970	0.15%	0.008%
218	14.016	14.004	14.049	VV	314	5387	0.10%	0.005%
219	14.098	14.064	14.117	VV	1271	19158	0.36%	0.018%
220	14.148	14.117	14.231	VV	50016	633282	11.75%	0.602%
221	14.264	14.231	14.319	VV	284	9016	0.17%	0.009%
222	14.326	14.319	14.344	VV	176	1880	0.03%	0.002%
223	14.353	14.344	14.374	VV	180	2575	0.05%	0.002%
224	14.381	14.374	14.404	VV	151	2564	0.05%	0.002%
225	14.407	14.404	14.424	VV	224	1562	0.03%	0.001%
226	14.431	14.424	14.466	VV	132	2121	0.04%	0.002%
227	14.473	14.466	14.510	VV	133	1984	0.04%	0.002%
228	14.527	14.510	14.564	PV	98	1773	0.03%	0.002%
229	14.588	14.564	14.621	VV	1073	15981	0.30%	0.015%
230	14.628	14.621	14.645	VV	191	2091	0.04%	0.002%
231	14.653	14.645	14.668	VV	155	1750	0.03%	0.002%
232	14.675	14.668	14.689	VV	120	1374	0.03%	0.001%
233	14.713	14.689	14.736	VV	336	4691	0.09%	0.004%
234	14.751	14.736	14.767	VV	203	2679	0.05%	0.003%
235	14.787	14.767	14.837	VV	452	12039	0.22%	0.011%
236	14.872	14.837	14.904	VV	298	8605	0.16%	0.008%
237	14.918	14.904	14.959	VV	202	4753	0.09%	0.005%
238	14.975	14.959	14.992	VV	164	2678	0.05%	0.003%
239	15.052	14.992	15.086	VV	268	8425	0.16%	0.008%
240	15.095	15.086	15.131	VV	175	2980	0.06%	0.003%
241	15.194	15.131	15.214	PV	343387	4355674	80.81%	4.139%
242	15.238	15.214	15.371	VV	372775	5347022	99.20%	5.080%
243	15.373	15.371	15.409	VV	1574	24571	0.46%	0.023%
244	15.422	15.409	15.459	VV	950	24054	0.45%	0.023%
245	15.475	15.459	15.549	VV	864	26706	0.50%	0.025%
246	15.561	15.549	15.597	VV	491	8938	0.17%	0.008%

rteres

247	15.625	15.597	15.666	VV	1256	23880	0.44%	0.023%
248	15.673	15.666	15.727	VV	295	7619	0.14%	0.007%
249	15.734	15.727	15.753	VV	208	2662	0.05%	0.003%
250	15.795	15.753	15.828	VV	5614	80864	1.50%	0.077%
251	15.837	15.828	15.879	VV	303	4320	0.08%	0.004%
252	15.906	15.879	15.939	VV	297	6142	0.11%	0.006%
253	15.959	15.939	15.979	VV	151	2985	0.06%	0.003%
254	15.986	15.979	16.021	VV	174	1928	0.04%	0.002%
255	16.100	16.021	16.126	PV	206	5592	0.10%	0.005%
256	16.145	16.126	16.159	VV	192	2676	0.05%	0.003%
257	16.168	16.159	16.194	VV	150	2071	0.04%	0.002%
258	16.282	16.194	16.331	VV	45382	596298	11.06%	0.567%
259	16.342	16.331	16.369	VV	283	3834	0.07%	0.004%
260	16.425	16.395	16.452	VV	151	2524	0.05%	0.002%
261	16.475	16.452	16.516	VV	508	7880	0.15%	0.007%
262	16.594	16.516	16.616	PV	137	4510	0.08%	0.004%
263	16.624	16.616	16.653	VV	132	1664	0.03%	0.002%
264	16.686	16.653	16.692	PV	97	1097	0.02%	0.001%
265	16.759	16.692	16.775	VV	302923	4372918	81.13%	4.155%
266	16.792	16.775	16.887	VV	383241	4562052	84.64%	4.335%
267	16.906	16.887	16.999	VV	1511	59471	1.10%	0.057%
268	17.016	16.999	17.059	VV	524	14411	0.27%	0.014%
269	17.070	17.059	17.097	VV	407	7302	0.14%	0.007%
270	17.140	17.097	17.206	VV	335918	4304062	79.85%	4.090%
271	17.235	17.206	17.401	VV	43427	671909	12.47%	0.638%
272	17.407	17.401	17.455	VV	231	5527	0.10%	0.005%
273	17.472	17.455	17.487	VV	155	2106	0.04%	0.002%
274	17.574	17.487	17.611	PV	287	11738	0.22%	0.011%
275	17.618	17.611	17.639	VV	153	1822	0.03%	0.002%
276	17.685	17.639	17.754	VV	1249	23605	0.44%	0.022%
277	17.784	17.754	17.809	VV	202	4582	0.09%	0.004%
278	17.817	17.809	17.837	VV	123	1412	0.03%	0.001%
279	17.875	17.837	17.884	VV	122	2840	0.05%	0.003%
280	17.904	17.884	17.933	VV	181	2794	0.05%	0.003%
281	18.016	17.933	18.049	PV	267	9873	0.18%	0.009%
282	18.127	18.049	18.166	PV	37295	539042	10.00%	0.512%
283	18.218	18.166	18.242	VV	537	10449	0.19%	0.010%
284	18.320	18.242	18.382	VV	234	9965	0.18%	0.009%
285	18.411	18.382	18.432	PV	242	3271	0.06%	0.003%
286	18.450	18.432	18.472	PV	230	2597	0.05%	0.002%
287	18.520	18.472	18.536	PV	310267	4466090	82.86%	4.243%
288	18.557	18.536	18.731	VV	329764	4704492	87.28%	4.470%
289	18.777	18.731	18.851	PBA	323254	4614148	85.60%	4.384%

Sum of corrected areas: 105246081

Aromatic EPH 102925.M Tue Nov 18 01:17:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 20 23:50:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.480	6757299	56.108 ug/ml
Spiked Amount	50.000		Recovery =	112.22%
	Target Compounds			
1) T	n-Nonane (C9)	3.358	2349323	18.857 ug/ml
2) T	n-Decane (C10)	4.618	2856087	22.309 ug/ml
4) T	n-Dodecane (C12)	6.799	3223110	24.720 ug/ml
6) T	n-Tetradecane (C14)	8.639	3469697	27.159 ug/ml
7) T	n-Hexadecane (C16)	10.257	3970719	30.050 ug/ml
8) T	n-Octadecane (C18)	11.710	4356154	31.259 ug/ml
10) T	n-Eicosane (C20)	13.029	4575659	32.735 ug/ml
11) T	n-Heneicosane (C21)	13.646	4564393	32.830 ug/ml
13) T	n-Docosane (C22)	14.235	4568019	32.288 ug/ml
14) T	n-Tetracosane (C24)	15.346	4523095	30.763 ug/ml
15) T	n-Hexacosane (C26)	16.374	4385256	29.891 ug/ml
16) T	n-Octacosane (C28)	17.330	4211681	28.610 ug/ml
17) T	n-Tricontane (C30)	18.223	3962378	26.186 ug/ml
18) T	n-Dotriacontane (C32)	19.060	3773323	25.598 ug/ml
19) T	n-Tetratriacontane (C34)	19.849	3572245	27.721 ug/ml
20) T	n-Hexatriacontane (C36)	20.593	3332671	32.198 ug/ml
21) T	n-Octatriacontane (C38)	21.368	3219488	36.518 ug/ml
22) T	n-Tetracontane (C40)	22.346	3074311	39.263 ug/ml

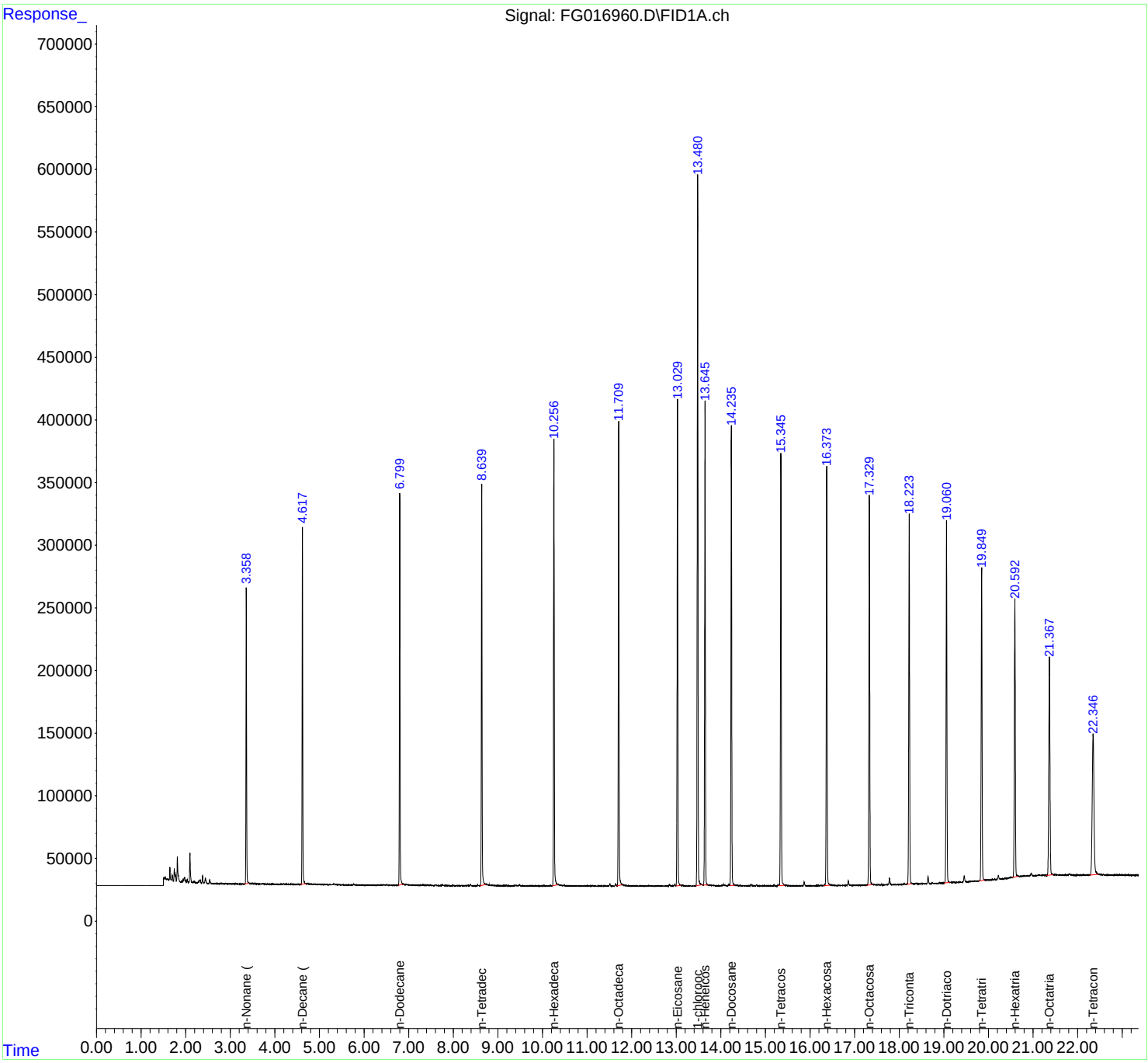
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 20 23:50:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.289	3.238	3.324	BV	23	-463	-0.01%	-0.001%
2	3.358	3.324	3.523	PV	236223	2396405	35.06%	3.013%
3	3.530	3.523	3.555	VV	271	4778	0.07%	0.006%
4	3.573	3.555	3.589	VV	268	4392	0.06%	0.006%
5	3.602	3.589	3.622	VV	266	4462	0.07%	0.006%
6	3.640	3.622	3.661	VV	266	4235	0.06%	0.005%
7	3.672	3.661	3.713	VV	282	6433	0.09%	0.008%
8	3.735	3.713	3.790	VV	245	7573	0.11%	0.010%
9	3.810	3.790	3.838	VV	186	3122	0.05%	0.004%
10	3.850	3.838	3.865	VV	159	1456	0.02%	0.002%
11	3.880	3.865	3.893	VV	100	1370	0.02%	0.002%
12	3.905	3.893	3.922	VV	63	865	0.01%	0.001%
13	3.931	3.922	3.941	VV	65	447	0.01%	0.001%
14	3.954	3.941	3.968	VV	140	1796	0.03%	0.002%
15	3.970	3.968	4.012	VV	109	1575	0.02%	0.002%
16	4.019	4.012	4.033	VV	71	811	0.01%	0.001%
17	4.049	4.033	4.068	VV	142	2221	0.03%	0.003%
18	4.074	4.068	4.132	VV	161	2860	0.04%	0.004%
19	4.157	4.132	4.174	VV	260	3465	0.05%	0.004%
20	4.191	4.174	4.210	VV	389	4499	0.07%	0.006%
21	4.226	4.210	4.245	VV	124	1811	0.03%	0.002%
22	4.266	4.245	4.315	VV	336	4929	0.07%	0.006%
23	4.362	4.315	4.381	VV	359	6822	0.10%	0.009%
24	4.387	4.381	4.408	VV	189	2222	0.03%	0.003%
25	4.412	4.408	4.455	VV	193	2905	0.04%	0.004%
26	4.458	4.455	4.482	VV	164	1615	0.02%	0.002%
27	4.529	4.482	4.545	VV	452	7714	0.11%	0.010%
28	4.561	4.545	4.583	VV	212	3211	0.05%	0.004%
29	4.618	4.583	4.717	VV	284677	2901583	42.45%	3.649%
30	4.734	4.717	4.780	VV	750	21301	0.31%	0.027%
31	4.807	4.780	4.856	VV	635	20600	0.30%	0.026%

rteres

32	4.872	4.856	4.886	VV	473	7364	0.11%	0.009%
33	4.905	4.886	4.923	VV	699	10314	0.15%	0.013%
34	4.930	4.923	4.945	VV	328	4062	0.06%	0.005%
35	4.954	4.945	5.021	VV	351	13649	0.20%	0.017%
36	5.037	5.021	5.091	VV	383	12027	0.18%	0.015%
37	5.106	5.091	5.193	VV	280	12727	0.19%	0.016%
38	5.207	5.193	5.274	VV	238	7431	0.11%	0.009%
39	5.324	5.274	5.353	VV	1049	18504	0.27%	0.023%
40	5.384	5.353	5.419	VV	450	8842	0.13%	0.011%
41	5.440	5.419	5.468	VV	250	4730	0.07%	0.006%
42	5.474	5.468	5.488	VV	100	1123	0.02%	0.001%
43	5.499	5.488	5.511	VV	151	1421	0.02%	0.002%
44	5.528	5.511	5.544	VV	153	2161	0.03%	0.003%
45	5.557	5.544	5.595	VV	115	2275	0.03%	0.003%
46	5.619	5.595	5.651	VV	123	2795	0.04%	0.004%
47	5.656	5.651	5.699	VV	121	2353	0.03%	0.003%
48	5.716	5.699	5.741	VV	131	2221	0.03%	0.003%
49	5.765	5.741	5.791	VV	865	12498	0.18%	0.016%
50	5.804	5.791	5.853	VV	426	7071	0.10%	0.009%
51	5.864	5.853	5.928	VV	162	5240	0.08%	0.007%
52	5.966	5.928	6.017	VV	252	7419	0.11%	0.009%
53	6.030	6.017	6.048	VV	153	1987	0.03%	0.002%
54	6.074	6.048	6.121	VV	232	4943	0.07%	0.006%
55	6.135	6.121	6.188	VV	201	4637	0.07%	0.006%
56	6.198	6.188	6.218	VV	152	1660	0.02%	0.002%
57	6.242	6.218	6.268	PV	270	3349	0.05%	0.004%
58	6.297	6.268	6.321	VV	226	3937	0.06%	0.005%
59	6.359	6.321	6.378	VV	435	8174	0.12%	0.010%
60	6.397	6.378	6.423	VV	451	6921	0.10%	0.009%
61	6.442	6.423	6.472	VV	761	11134	0.16%	0.014%
62	6.507	6.472	6.555	VV	902	13804	0.20%	0.017%
63	6.580	6.555	6.628	VV	211	6275	0.09%	0.008%
64	6.634	6.628	6.661	VV	147	1704	0.02%	0.002%
65	6.683	6.661	6.756	VV	149	5012	0.07%	0.006%
66	6.799	6.756	6.941	VV	312293	3296351	48.23%	4.145%
67	6.952	6.941	7.012	VV	1003	27896	0.41%	0.035%
68	7.027	7.012	7.062	VV	606	13213	0.19%	0.017%
69	7.086	7.062	7.115	VV	394	9913	0.15%	0.012%
70	7.139	7.115	7.184	VV	361	11271	0.16%	0.014%
71	7.194	7.184	7.233	VV	277	6433	0.09%	0.008%
72	7.256	7.233	7.291	VV	301	7203	0.11%	0.009%
73	7.314	7.291	7.355	VV	485	12794	0.19%	0.016%
74	7.375	7.355	7.404	VV	461	9333	0.14%	0.012%
75	7.433	7.404	7.461	VV	465	11527	0.17%	0.014%
76	7.481	7.461	7.509	VV	400	6996	0.10%	0.009%
77	7.519	7.509	7.528	VV	187	1682	0.02%	0.002%
78	7.551	7.528	7.579	VV	180	3900	0.06%	0.005%
79	7.606	7.579	7.644	VV	843	11271	0.16%	0.014%

rteres

80	7.684	7.644	7.707	VV	177	4743	0.07%	0.006%
81	7.754	7.707	7.797	VV	657	14964	0.22%	0.019%
82	7.813	7.797	7.948	VV	235	9391	0.14%	0.012%
83	8.018	7.948	8.058	VV	336	6233	0.09%	0.008%
84	8.088	8.058	8.102	VV	172	2533	0.04%	0.003%
85	8.115	8.102	8.139	VV	219	2781	0.04%	0.003%
86	8.149	8.139	8.159	PV	81	712	0.01%	0.001%
87	8.185	8.159	8.227	VV	220	5194	0.08%	0.007%
88	8.241	8.227	8.268	VV	200	3622	0.05%	0.005%
89	8.285	8.268	8.303	VV	200	2795	0.04%	0.004%
90	8.330	8.303	8.364	VV	471	8133	0.12%	0.010%
91	8.386	8.364	8.445	VV	1386	18648	0.27%	0.023%
92	8.455	8.445	8.475	VV	76	1020	0.01%	0.001%
93	8.545	8.475	8.604	PV	625	13879	0.20%	0.017%
94	8.638	8.604	8.817	VV	318480	3566496	52.18%	4.485%
95	8.828	8.817	8.865	VV	573	13767	0.20%	0.017%
96	8.876	8.865	8.960	VV	593	16685	0.24%	0.021%
97	8.996	8.960	9.087	VV	321	18091	0.26%	0.023%
98	9.104	9.087	9.118	VV	288	4279	0.06%	0.005%
99	9.123	9.118	9.148	VV	255	4488	0.07%	0.006%
100	9.158	9.148	9.171	VV	291	3589	0.05%	0.005%
101	9.185	9.171	9.235	VV	370	9062	0.13%	0.011%
102	9.242	9.235	9.282	VV	203	3194	0.05%	0.004%
103	9.296	9.282	9.319	VV	156	1645	0.02%	0.002%
104	9.373	9.319	9.391	VV	606	8901	0.13%	0.011%
105	9.404	9.391	9.418	VV	342	4515	0.07%	0.006%
106	9.437	9.418	9.451	VV	285	4434	0.06%	0.006%
107	9.483	9.451	9.531	VV	1033	19942	0.29%	0.025%
108	9.559	9.531	9.581	VV	194	2945	0.04%	0.004%
109	9.608	9.581	9.651	VV	179	2872	0.04%	0.004%
110	9.660	9.651	9.680	VV	109	1161	0.02%	0.001%
111	9.715	9.680	9.746	VV	259	5926	0.09%	0.007%
112	9.773	9.746	9.818	VV	333	6140	0.09%	0.008%
113	9.842	9.818	9.877	VV	334	5259	0.08%	0.007%
114	9.895	9.877	9.944	VV	225	2796	0.04%	0.004%
115	9.952	9.944	9.960	VV	53	298	0.00%	0.000%
116	9.988	9.960	10.014	PV	278	4410	0.06%	0.006%
117	10.034	10.014	10.080	VV	776	10028	0.15%	0.013%
118	10.104	10.080	10.115	PV	77	971	0.01%	0.001%
119	10.125	10.115	10.151	VV	80	705	0.01%	0.001%
120	10.177	10.151	10.217	VV	611	9173	0.13%	0.012%
121	10.256	10.217	10.465	VV	356688	4067358	59.51%	5.115%
122	10.486	10.465	10.535	VV	971	22065	0.32%	0.028%
123	10.541	10.535	10.555	VV	355	3327	0.05%	0.004%
124	10.581	10.555	10.618	VV	309	9892	0.14%	0.012%
125	10.649	10.618	10.714	VV	363	13287	0.19%	0.017%
126	10.735	10.714	10.788	VV	236	6839	0.10%	0.009%

rteres

127	10.794	10.788	10.811	VV	151	1643	0.02%	0.002%
128	10.815	10.811	10.835	VV	139	1234	0.02%	0.002%
129	10.869	10.835	10.913	VV	153	5372	0.08%	0.007%
130	10.947	10.913	10.966	VV	315	6768	0.10%	0.009%
131	11.005	10.966	11.045	VV	468	11255	0.16%	0.014%
132	11.077	11.045	11.105	VV	244	6669	0.10%	0.008%
133	11.128	11.105	11.167	VV	463	9843	0.14%	0.012%
134	11.193	11.167	11.210	VV	250	4397	0.06%	0.006%
135	11.219	11.210	11.240	VV	181	1984	0.03%	0.002%
136	11.263	11.240	11.299	PV	112	2551	0.04%	0.003%
137	11.330	11.299	11.357	VV	307	5845	0.09%	0.007%
138	11.377	11.357	11.405	VV	423	6622	0.10%	0.008%
139	11.428	11.405	11.443	VV	207	3786	0.06%	0.005%
140	11.460	11.443	11.481	VV	156	2450	0.04%	0.003%
141	11.512	11.481	11.555	VV	2168	27658	0.40%	0.035%
142	11.562	11.555	11.592	VV	74	658	0.01%	0.001%
143	11.640	11.592	11.675	PV	2175	31242	0.46%	0.039%
144	11.709	11.675	11.972	VV	368266	4467561	65.36%	5.618%
145	12.007	11.972	12.055	VV	339	13348	0.20%	0.017%
146	12.058	12.055	12.065	VV	251	1485	0.02%	0.002%
147	12.075	12.065	12.084	VV	257	2620	0.04%	0.003%
148	12.101	12.084	12.154	VV	290	9088	0.13%	0.011%
149	12.176	12.154	12.252	VV	437	12523	0.18%	0.016%
150	12.262	12.252	12.292	VV	141	2484	0.04%	0.003%
151	12.318	12.292	12.338	VV	152	3360	0.05%	0.004%
152	12.383	12.338	12.415	VV	381	10154	0.15%	0.013%
153	12.426	12.415	12.459	VV	187	3333	0.05%	0.004%
154	12.482	12.459	12.493	VV	186	2212	0.03%	0.003%
155	12.521	12.493	12.559	VV	190	4974	0.07%	0.006%
156	12.603	12.559	12.641	VV	284	7644	0.11%	0.010%
157	12.673	12.641	12.705	VV	262	4821	0.07%	0.006%
158	12.722	12.705	12.738	VV	173	2340	0.03%	0.003%
159	12.764	12.738	12.791	VV	272	4890	0.07%	0.006%
160	12.849	12.791	12.934	VV	1099	25454	0.37%	0.032%
161	12.968	12.934	12.991	PV	1596	21288	0.31%	0.027%
162	13.029	12.991	13.132	VV	388388	4607273	67.41%	5.794%
163	13.145	13.132	13.268	VV	561	20398	0.30%	0.026%
164	13.284	13.268	13.305	VV	169	3193	0.05%	0.004%
165	13.307	13.305	13.335	VV	161	2075	0.03%	0.003%
166	13.343	13.335	13.370	VV	122	2166	0.03%	0.003%
167	13.480	13.370	13.607	VV	567955	6834862	100.00%	8.595%
168	13.646	13.607	13.808	VV	381161	4653619	68.09%	5.852%
169	13.826	13.808	13.894	VV	590	21423	0.31%	0.027%
170	13.925	13.894	13.975	VV	377	14284	0.21%	0.018%
171	13.992	13.975	14.004	VV	278	4694	0.07%	0.006%
172	14.025	14.004	14.040	VV	580	8802	0.13%	0.011%
173	14.075	14.040	14.151	VV	1078	31973	0.47%	0.040%
174	14.182	14.151	14.199	VV	1736	24901	0.36%	0.031%

rteres

175	14.235	14.199	14.343	VV	365431	4609098	67.44%	5.796%
176	14.363	14.343	14.405	VV	686	16228	0.24%	0.020%
177	14.435	14.405	14.533	VV	376	21313	0.31%	0.027%
178	14.538	14.533	14.555	VV	225	2309	0.03%	0.003%
179	14.562	14.555	14.616	VV	213	6236	0.09%	0.008%
180	14.631	14.616	14.647	VV	169	2881	0.04%	0.004%
181	14.680	14.647	14.770	VV	1285	30902	0.45%	0.039%
182	14.801	14.770	14.851	VV	1001	17888	0.26%	0.022%
183	14.970	14.851	14.989	VV	320	13992	0.20%	0.018%
184	15.006	14.989	15.041	VV	175	4194	0.06%	0.005%
185	15.082	15.041	15.111	VV	170	4823	0.07%	0.006%
186	15.118	15.111	15.135	VV	140	1425	0.02%	0.002%
187	15.156	15.135	15.167	VV	143	1897	0.03%	0.002%
188	15.190	15.167	15.253	VV	505	10485	0.15%	0.013%
189	15.300	15.253	15.310	VV	1201	15556	0.23%	0.020%
190	15.347	15.310	15.496	VV	339925	4562189	66.75%	5.737%
191	15.512	15.496	15.606	VV	286	10125	0.15%	0.013%
192	15.622	15.606	15.703	VV	156	5025	0.07%	0.006%
193	15.723	15.703	15.751	VV	112	2203	0.03%	0.003%
194	15.761	15.751	15.808	VV	94	2030	0.03%	0.003%
195	15.870	15.808	15.966	VV	2590	39685	0.58%	0.050%
196	15.973	15.966	15.987	VV	75	308	0.00%	0.000%
197	16.045	15.987	16.101	PV	94	3920	0.06%	0.005%
198	16.119	16.101	16.131	VV	63	643	0.01%	0.001%
199	16.151	16.131	16.161	VV	93	925	0.01%	0.001%
200	16.192	16.161	16.221	VV	136	3269	0.05%	0.004%
201	16.240	16.221	16.286	VV	230	4609	0.07%	0.006%
202	16.375	16.286	16.531	VV	333802	4421416	64.69%	5.560%
203	16.545	16.531	16.615	VV	203	6008	0.09%	0.008%
204	16.684	16.615	16.714	VV	252	5277	0.08%	0.007%
205	16.736	16.714	16.787	VV	113	2268	0.03%	0.003%
206	16.859	16.787	16.921	VV	3581	54224	0.79%	0.068%
207	16.932	16.921	16.983	VV	80	1410	0.02%	0.002%
208	17.037	16.983	17.056	PV	148	3108	0.05%	0.004%
209	17.095	17.056	17.121	VV	110	2665	0.04%	0.003%
210	17.164	17.121	17.188	PV	130	2785	0.04%	0.004%
211	17.210	17.188	17.263	VV	259	4718	0.07%	0.006%
212	17.330	17.263	17.481	VV	308816	4241391	62.06%	5.333%
213	17.493	17.481	17.525	VV	182	4032	0.06%	0.005%
214	17.543	17.525	17.555	VV	175	2642	0.04%	0.003%
215	17.573	17.555	17.595	VV	177	3385	0.05%	0.004%
216	17.614	17.595	17.642	VV	166	3270	0.05%	0.004%
217	17.673	17.642	17.689	VV	153	2048	0.03%	0.003%
218	17.782	17.689	17.850	PV	5180	82982	1.21%	0.104%
219	17.894	17.850	17.925	VV	153	4453	0.07%	0.006%
220	17.954	17.925	17.973	VV	91	1674	0.02%	0.002%
221	17.991	17.973	18.026	PV	102	1707	0.02%	0.002%

rteres

222	18.063	18.026	18.086	PV	169	2497	0.04%	0.003%
223	18.113	18.086	18.145	VV	894	12501	0.18%	0.016%
224	18.223	18.145	18.341	PV	296195	3995383	58.46%	5.024%
225	18.372	18.341	18.445	VV	571	17016	0.25%	0.021%
226	18.499	18.445	18.518	VV	282	5081	0.07%	0.006%
227	18.546	18.518	18.595	VV	146	3594	0.05%	0.005%
228	18.646	18.595	18.692	VV	5935	83525	1.22%	0.105%
229	18.740	18.692	18.788	VV	621	10252	0.15%	0.013%
230	18.908	18.788	18.932	PV	298	4291	0.06%	0.005%
231	18.954	18.932	18.976	VV	137	2111	0.03%	0.003%
232	19.060	18.976	19.148	PV	281328	3794199	55.51%	4.771%
233	19.163	19.148	19.192	VV	395	8028	0.12%	0.010%
234	19.216	19.192	19.271	VV	304	8236	0.12%	0.010%
235	19.315	19.271	19.338	VV	269	5059	0.07%	0.006%
236	19.358	19.338	19.395	VV	182	3053	0.04%	0.004%
237	19.457	19.395	19.531	PV	5127	81940	1.20%	0.103%
238	19.569	19.531	19.588	VV	398	4774	0.07%	0.006%
239	19.708	19.588	19.735	VV	447	19949	0.29%	0.025%
240	19.752	19.735	19.777	VV	330	5998	0.09%	0.008%
241	19.849	19.777	19.953	VV	249052	3626049	53.05%	4.560%
242	19.965	19.953	19.971	VV	625	6808	0.10%	0.009%
243	20.004	19.971	20.024	VV	693	19090	0.28%	0.024%
244	20.092	20.024	20.110	VV	788	32651	0.48%	0.041%
245	20.137	20.110	20.184	VV	898	33505	0.49%	0.042%
246	20.224	20.184	20.265	VV	3885	81104	1.19%	0.102%
247	20.289	20.265	20.300	VV	886	18437	0.27%	0.023%
248	20.410	20.300	20.422	VV	1182	72513	1.06%	0.091%
249	20.461	20.422	20.473	VV	1408	38614	0.56%	0.049%
250	20.499	20.473	20.527	VV	1862	51107	0.75%	0.064%
251	20.593	20.527	20.698	VV	223850	3532510	51.68%	4.442%
252	20.777	20.698	20.791	VV	2187	120160	1.76%	0.151%
253	20.827	20.791	20.840	VV	2259	64524	0.94%	0.081%
254	20.866	20.840	20.898	VV	2343	77264	1.13%	0.097%
255	20.960	20.898	21.021	VV	3974	186780	2.73%	0.235%
256	21.062	21.021	21.074	VV	2045	64778	0.95%	0.081%
257	21.151	21.074	21.184	VV	2182	137065	2.01%	0.172%
258	21.218	21.184	21.251	VV	1978	76945	1.13%	0.097%
259	21.262	21.251	21.295	VV	1868	46913	0.69%	0.059%
260	21.367	21.295	21.634	VV	176062	3570388	52.24%	4.490%
261	21.654	21.634	21.678	VV	1304	33209	0.49%	0.042%
262	21.721	21.678	21.765	VV	1248	60432	0.88%	0.076%
263	21.823	21.765	21.918	VV	1698	99421	1.45%	0.125%
264	21.931	21.918	21.941	VV	760	9921	0.15%	0.012%
265	21.955	21.941	21.991	VV	704	17982	0.26%	0.023%
266	22.000	21.991	22.025	VV	557	10108	0.15%	0.013%
267	22.040	22.025	22.051	VV	471	7146	0.10%	0.009%
268	22.083	22.051	22.135	VV	406	16881	0.25%	0.021%
269	22.147	22.135	22.178	VV	262	5692	0.08%	0.007%

rteres

270	22.205	22.178	22.232	VV	168	4410	0.06%	0.006%
271	22.251	22.232	22.260	VV	77	1072	0.02%	0.001%
272	22.348	22.260	22.501	PBA	111503	3102856	45.40%	3.902%

Sum of corrected areas: 79524416

Aliphatic EPH 102925.M Fri Nov 21 00:25:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 18 00:37:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	8.010	5451012	48.102 ug/ml
Spiked Amount	50.000		Recovery =	96.20%
6) S	2-Flurobiphenyl (SURR)	8.886	3671951	51.485 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	102.97%
11) S	ortho-Terphenyl (SURR)	11.953	5206037	35.451 ug/ml
Spiked Amount	50.000		Recovery =	70.90%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.602	3638107	27.638 ug/ml
2) T	Naphthalene (C11.7)	6.278	3915385	29.597 ug/ml
3) T	2-Methylnaphthalene (...	7.379	3658291	27.519 ug/ml
5) T	Acenaphthylene (C15.06)	8.685	4338030	32.109 ug/ml
7) T	Acenaphthene (C15.5)	8.985	4454430	32.405 ug/ml
8) T	Flouorene (C16.55)	9.775	4650800	35.723 ug/ml
9) T	Phenanthrene (C19.36)	11.184	4835762	36.571 ug/ml
10) T	Anthracene (C19.43)	11.259	5008654	36.962 ug/ml
12) T	Fluoranthene (C21.85)	13.009	4947576	36.051 ug/ml
13) T	Pyrene (C20.8)	13.308	4847947	35.375 ug/ml
14) T	Benzo[a]anthracene (C...	15.194	4464980	39.204 ug/ml
15) T	Chrysene (C27.41)	15.238	5420407	38.411 ug/ml
16) T	benzo[b]fluoranthene ...	16.759	4465931	40.184 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.792	4633293	37.933 ug/ml
18) T	Benzo[a]pyrene (C31.34)	17.140	4384198	39.947 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.520	4569764	53.105 ug/ml
20) T	Dibenz[a,h]anthracene...	18.557	4852505	36.847 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.777	4789362	45.194 ug/ml

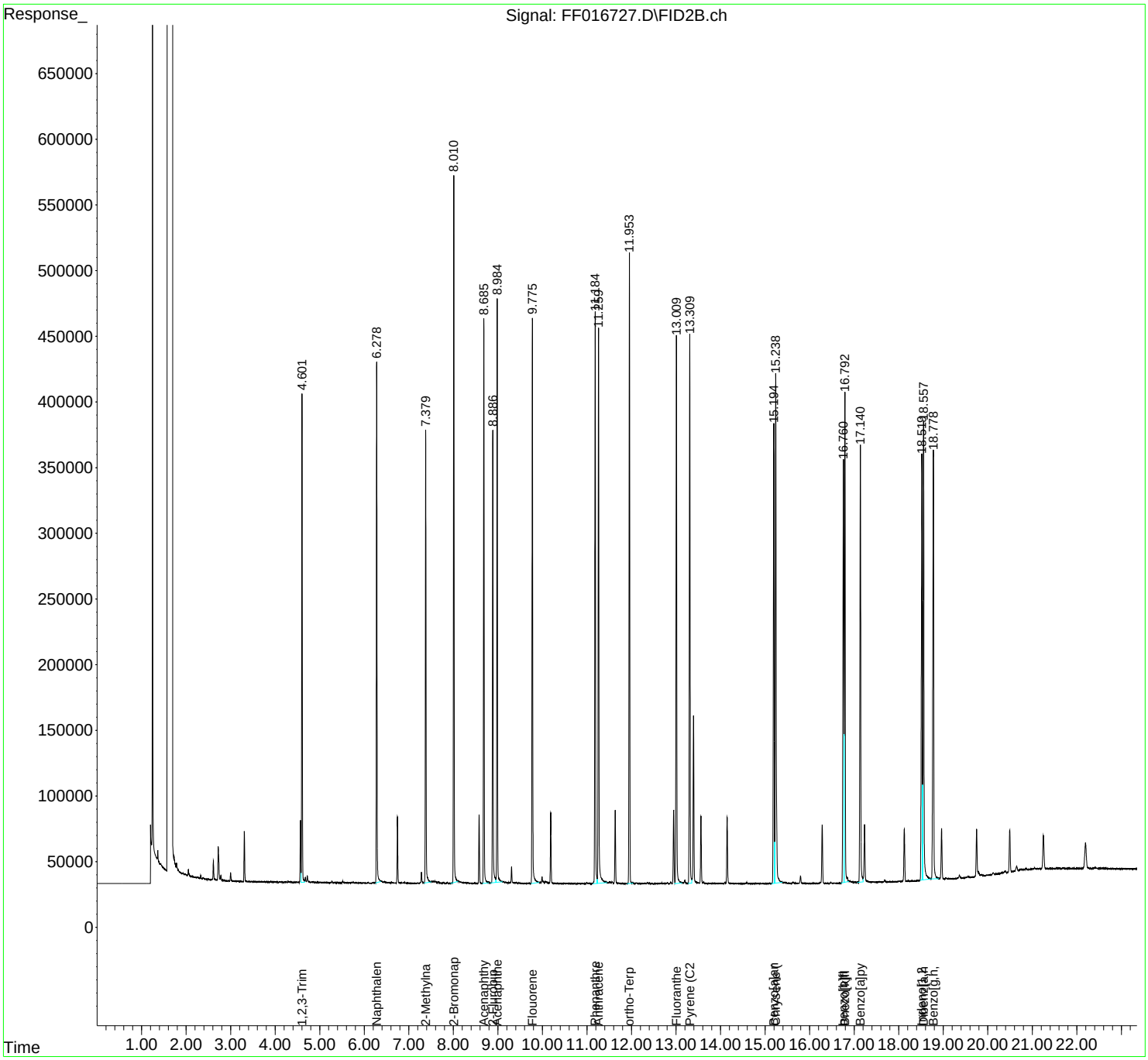
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 18 00:37:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.477	4.454	4.498	PV	304	3549	0.06%	0.003%
2	4.567	4.525	4.582	PV	47383	465494	8.41%	0.431%
3	4.602	4.582	4.658	VV	371623	3647919	65.91%	3.378%
4	4.676	4.658	4.702	VV	3983	51946	0.94%	0.048%
5	4.721	4.702	4.772	VV	5183	76887	1.39%	0.071%
6	4.775	4.772	4.806	VV	421	7394	0.13%	0.007%
7	4.820	4.806	4.835	VV	547	6309	0.11%	0.006%
8	4.853	4.835	4.873	VV	746	10010	0.18%	0.009%
9	4.886	4.873	4.910	VV	304	5681	0.10%	0.005%
10	4.914	4.910	4.925	VV	287	2135	0.04%	0.002%
11	4.933	4.925	4.949	VV	278	3297	0.06%	0.003%
12	4.955	4.949	4.975	VV	323	3965	0.07%	0.004%
13	4.985	4.975	5.003	VV	338	4255	0.08%	0.004%
14	5.009	5.003	5.023	VV	246	2511	0.05%	0.002%
15	5.028	5.023	5.054	VV	235	3380	0.06%	0.003%
16	5.064	5.054	5.081	VV	336	4047	0.07%	0.004%
17	5.087	5.081	5.096	VV	272	1639	0.03%	0.002%
18	5.115	5.107	5.143	VV	198	2490	0.04%	0.002%
19	5.158	5.143	5.208	VV	184	3992	0.07%	0.004%
20	5.272	5.223	5.307	VV	1367	21388	0.39%	0.020%
21	5.325	5.307	5.349	VV	357	5788	0.10%	0.005%
22	5.359	5.349	5.373	VV	219	2128	0.04%	0.002%
23	5.390	5.373	5.448	VV	281	5820	0.11%	0.005%
24	5.480	5.465	5.496	VV	161	1241	0.02%	0.001%
25	5.516	5.496	5.569	PV	1352	22927	0.41%	0.021%
26	5.571	5.569	5.586	VV	285	2127	0.04%	0.002%
27	5.591	5.586	5.602	VV	222	1596	0.03%	0.001%
28	5.607	5.602	5.628	VV	179	1438	0.03%	0.001%
29	5.636	5.628	5.648	VV	114	1130	0.02%	0.001%
30	5.652	5.648	5.671	VV	139	1325	0.02%	0.001%
31	5.709	5.689	5.725	PV	556	6781	0.12%	0.006%
32	5.739	5.725	5.744	VV	447	3748	0.07%	0.003%
33	5.755	5.744	5.780	VV	465	5323	0.10%	0.005%
34	5.787	5.780	5.802	VV	180	1432	0.03%	0.001%
35	5.809	5.802	5.856	VV	144	2318	0.04%	0.002%
36	5.905	5.893	5.941	VV	234	3390	0.06%	0.003%

rteres

37	5.971	5.962	5.992	VV	182	1916	0.03%	0.002%
38	6.022	5.992	6.040	VV	223	3965	0.07%	0.004%
39	6.062	6.040	6.071	VV	184	1725	0.03%	0.002%
40	6.080	6.071	6.098	VV	288	2793	0.05%	0.003%
41	6.147	6.119	6.166	VV	162	1229	0.02%	0.001%
42	6.196	6.166	6.232	PV	615	9030	0.16%	0.008%
43	6.239	6.232	6.249	VV	212	1543	0.03%	0.001%
44	6.278	6.249	6.374	VV	396548	3972706	71.78%	3.678%
45	6.388	6.374	6.424	VV	1880	39804	0.72%	0.037%
46	6.426	6.424	6.436	VV	908	5974	0.11%	0.006%
47	6.453	6.436	6.486	VV	1514	30186	0.55%	0.028%
48	6.492	6.486	6.500	VV	636	4776	0.09%	0.004%
49	6.517	6.500	6.557	VV	700	20126	0.36%	0.019%
50	6.562	6.557	6.568	VV	478	2959	0.05%	0.003%
51	6.574	6.568	6.578	VV	521	3069	0.06%	0.003%
52	6.586	6.578	6.598	VV	538	5741	0.10%	0.005%
53	6.613	6.598	6.619	VV	463	5253	0.09%	0.005%
54	6.624	6.619	6.677	VV	363	10900	0.20%	0.010%
55	6.683	6.677	6.689	VV	306	1855	0.03%	0.002%
56	6.703	6.689	6.709	VV	228	2299	0.04%	0.002%
57	6.745	6.716	6.814	VV	50780	533712	9.64%	0.494%
58	6.820	6.814	6.822	VV	442	1824	0.03%	0.002%
59	6.828	6.822	6.847	VV	501	5891	0.11%	0.005%
60	6.867	6.847	6.880	VV	429	6290	0.11%	0.006%
61	6.900	6.880	6.923	VV	679	10011	0.18%	0.009%
62	6.934	6.923	6.951	VV	351	3635	0.07%	0.003%
63	6.975	6.951	7.000	VV	421	6949	0.13%	0.006%
64	7.029	7.018	7.065	VV	257	3928	0.07%	0.004%
65	7.081	7.065	7.104	VV	220	3095	0.06%	0.003%
66	7.153	7.122	7.173	PV	296	5251	0.09%	0.005%
67	7.202	7.173	7.238	VV	343	6838	0.12%	0.006%
68	7.283	7.238	7.341	VV	8615	118812	2.15%	0.110%
69	7.379	7.341	7.504	VV	345006	3729251	67.38%	3.453%
70	7.520	7.504	7.536	VV	1864	28291	0.51%	0.026%
71	7.551	7.536	7.567	VV	1713	25359	0.46%	0.023%
72	7.584	7.567	7.597	VV	1887	27482	0.50%	0.025%
73	7.608	7.597	7.643	VV	1513	28271	0.51%	0.026%
74	7.660	7.643	7.682	VV	1291	20625	0.37%	0.019%
75	7.695	7.682	7.715	VV	709	11593	0.21%	0.011%
76	7.724	7.715	7.742	VV	432	6514	0.12%	0.006%
77	7.754	7.742	7.772	VV	684	10217	0.18%	0.009%
78	7.784	7.772	7.814	VV	588	9482	0.17%	0.009%
79	7.822	7.814	7.839	VV	232	2898	0.05%	0.003%
80	7.869	7.839	7.890	VV	697	10968	0.20%	0.010%
81	7.924	7.890	7.945	VV	363	7904	0.14%	0.007%
82	7.965	7.945	7.978	VV	766	6091	0.11%	0.006%
83	8.010	7.978	8.107	VV	539763	5534308	100.00%	5.124%
84	8.113	8.107	8.219	VV	1746	75088	1.36%	0.070%
85	8.225	8.219	8.249	VV	624	9959	0.18%	0.009%
86	8.270	8.249	8.302	VV	659	15953	0.29%	0.015%
87	8.327	8.302	8.357	VV	649	14065	0.25%	0.013%
88	8.364	8.357	8.389	VV	367	5721	0.10%	0.005%
89	8.396	8.389	8.420	VV	315	4375	0.08%	0.004%

rteres

90	8.432	8.420	8.449	VV	208	2919	0.05%	0.003%
91	8.453	8.449	8.462	VV	224	1524	0.03%	0.001%
92	8.481	8.462	8.530	VV	508	12060	0.22%	0.011%
93	8.579	8.538	8.639	VV	52676	559541	10.11%	0.518%
94	8.641	8.639	8.650	VV	247	1219	0.02%	0.001%
95	8.685	8.650	8.801	VV	431162	4374852	79.05%	4.051%
96	8.813	8.801	8.844	VV	810	16450	0.30%	0.015%
97	8.847	8.844	8.853	VV	442	2341	0.04%	0.002%
98	8.886	8.853	8.956	VV	344934	3719425	67.21%	3.444%
99	8.985	8.956	9.107	VV	444714	4562376	82.44%	4.224%
100	9.110	9.107	9.115	VV	1483	7396	0.13%	0.007%
101	9.119	9.115	9.169	VV	1497	38533	0.70%	0.036%
102	9.176	9.169	9.222	VV	955	25490	0.46%	0.024%
103	9.235	9.222	9.256	VV	778	13771	0.25%	0.013%
104	9.269	9.256	9.284	VV	797	12817	0.23%	0.012%
105	9.307	9.284	9.373	VV	12863	158961	2.87%	0.147%
106	9.383	9.373	9.402	VV	800	12185	0.22%	0.011%
107	9.421	9.402	9.450	VV	1002	21577	0.39%	0.020%
108	9.462	9.450	9.522	VV	586	18286	0.33%	0.017%
109	9.541	9.522	9.565	VV	293	5435	0.10%	0.005%
110	9.600	9.565	9.622	VV	278	7197	0.13%	0.007%
111	9.632	9.622	9.642	VV	294	2775	0.05%	0.003%
112	9.651	9.642	9.661	VV	246	2111	0.04%	0.002%
113	9.667	9.661	9.676	VV	176	1227	0.02%	0.001%
114	9.700	9.676	9.729	VV	303	5919	0.11%	0.005%
115	9.733	9.729	9.742	VV	179	1099	0.02%	0.001%
116	9.775	9.742	9.907	VV	430066	4700649	84.94%	4.353%
117	9.911	9.907	9.949	VV	1235	26380	0.48%	0.024%
118	9.992	9.949	10.043	VV	5399	108577	1.96%	0.101%
119	10.066	10.043	10.098	VV	2030	43884	0.79%	0.041%
120	10.106	10.098	10.156	VV	1228	27572	0.50%	0.026%
121	10.187	10.156	10.247	VV	54378	620599	11.21%	0.575%
122	10.255	10.247	10.278	VV	486	7616	0.14%	0.007%
123	10.288	10.278	10.323	VV	349	7404	0.13%	0.007%
124	10.342	10.323	10.354	VV	321	4622	0.08%	0.004%
125	10.357	10.354	10.367	VV	306	2055	0.04%	0.002%
126	10.369	10.367	10.400	VV	278	3607	0.07%	0.003%
127	10.407	10.400	10.422	VV	302	3092	0.06%	0.003%
128	10.425	10.422	10.434	VV	241	1375	0.02%	0.001%
129	10.437	10.434	10.452	VV	187	1722	0.03%	0.002%
130	10.471	10.452	10.486	VV	307	4346	0.08%	0.004%
131	10.504	10.486	10.559	VV	296	7873	0.14%	0.007%
132	10.583	10.559	10.596	VV	272	4510	0.08%	0.004%
133	10.613	10.596	10.638	VV	288	5625	0.10%	0.005%
134	10.643	10.638	10.651	VV	168	1086	0.02%	0.001%
135	10.663	10.651	10.686	VV	227	3086	0.06%	0.003%
136	10.709	10.686	10.732	VV	356	5862	0.11%	0.005%
137	10.747	10.732	10.782	VV	210	4026	0.07%	0.004%
138	10.812	10.782	10.826	VV	274	4377	0.08%	0.004%
139	10.831	10.826	10.847	VV	145	1308	0.02%	0.001%
140	10.880	10.847	10.888	VV	244	3758	0.07%	0.003%
141	10.925	10.894	10.967	VV	321	7437	0.13%	0.007%

rteres

142	10.995	10.967	11.019	VV	1033	18432	0.33%	0.017%
143	11.023	11.019	11.035	VV	510	4295	0.08%	0.004%
144	11.039	11.035	11.043	VV	463	2185	0.04%	0.002%
145	11.059	11.043	11.092	VV	549	9250	0.17%	0.009%
146	11.125	11.103	11.132	VV	163	2072	0.04%	0.002%
147	11.184	11.132	11.230	VV	435309	4853260	87.69%	4.494%
148	11.259	11.230	11.424	VV	422470	5072263	91.65%	4.697%
149	11.436	11.424	11.479	VV	1481	36784	0.66%	0.034%
150	11.507	11.479	11.547	VV	1455	47455	0.86%	0.044%
151	11.564	11.547	11.600	VV	1521	33201	0.60%	0.031%
152	11.634	11.600	11.700	VV	56186	671902	12.14%	0.622%
153	11.715	11.700	11.779	VV	764	21635	0.39%	0.020%
154	11.789	11.779	11.810	VV	374	5284	0.10%	0.005%
155	11.818	11.810	11.826	VV	257	2153	0.04%	0.002%
156	11.831	11.826	11.870	VV	291	5162	0.09%	0.005%
157	11.878	11.870	11.907	VV	186	2773	0.05%	0.003%
158	11.954	11.907	12.017	VV	480168	5226158	94.43%	4.839%
159	12.024	12.017	12.071	VV	715	15967	0.29%	0.015%
160	12.113	12.071	12.169	VV	696	25255	0.46%	0.023%
161	12.170	12.169	12.221	VV	300	6387	0.12%	0.006%
162	12.231	12.221	12.237	VV	267	1891	0.03%	0.002%
163	12.248	12.237	12.267	VV	261	3731	0.07%	0.003%
164	12.301	12.267	12.337	VV	493	12424	0.22%	0.012%
165	12.358	12.337	12.380	VV	1219	16404	0.30%	0.015%
166	12.396	12.380	12.424	VV	781	11000	0.20%	0.010%
167	12.436	12.424	12.451	VV	203	2350	0.04%	0.002%
168	12.457	12.451	12.470	VV	185	1524	0.03%	0.001%
169	12.473	12.470	12.496	VV	160	1273	0.02%	0.001%
170	12.512	12.496	12.519	VV	264	2323	0.04%	0.002%
171	12.527	12.519	12.550	VV	305	3708	0.07%	0.003%
172	12.571	12.550	12.599	PV	346	6651	0.12%	0.006%
173	12.608	12.604	12.615	VV	215	1138	0.02%	0.001%
174	12.629	12.615	12.644	VV	348	4358	0.08%	0.004%
175	12.658	12.644	12.674	VV	533	7165	0.13%	0.007%
176	12.679	12.674	12.702	VV	492	4967	0.09%	0.005%
177	12.727	12.702	12.750	VV	330	5868	0.11%	0.005%
178	12.773	12.750	12.780	VV	306	4157	0.08%	0.004%
179	12.808	12.780	12.842	VV	1015	15652	0.28%	0.014%
180	12.885	12.842	12.912	PV	1272	21460	0.39%	0.020%
181	12.947	12.912	12.975	VV	56196	684608	12.37%	0.634%
182	13.009	12.975	13.137	VV	417127	4995319	90.26%	4.625%
183	13.142	13.137	13.172	VV	894	15812	0.29%	0.015%
184	13.195	13.172	13.269	VV	2662	56321	1.02%	0.052%
185	13.309	13.269	13.353	VV	418503	4870560	88.01%	4.510%
186	13.394	13.353	13.527	VV	127685	1654478	29.89%	1.532%
187	13.560	13.527	13.599	VV	51276	649298	11.73%	0.601%
188	13.615	13.599	13.657	VV	1131	24152	0.44%	0.022%
189	13.662	13.657	13.708	VV	397	8591	0.16%	0.008%
190	13.712	13.708	13.738	VV	224	3764	0.07%	0.003%
191	13.744	13.738	13.749	VV	273	1716	0.03%	0.002%
192	13.774	13.749	13.807	VV	378	9616	0.17%	0.009%
193	13.825	13.807	13.886	VV	317	10407	0.19%	0.010%
194	13.892	13.886	13.921	VV	176	2988	0.05%	0.003%

rteres

195	13.940	13.921	13.959	VV	216	4145	0.07%	0.004%
196	13.968	13.959	13.999	VV	303	6030	0.11%	0.006%
197	14.004	13.999	14.011	VV	279	1712	0.03%	0.002%
198	14.017	14.011	14.046	VV	244	3302	0.06%	0.003%
199	14.099	14.051	14.119	VV	1325	19792	0.36%	0.018%
200	14.147	14.119	14.229	VV	50592	646583	11.68%	0.599%
201	14.247	14.229	14.259	VV	196	2819	0.05%	0.003%
202	14.265	14.259	14.296	VV	269	4122	0.07%	0.004%
203	14.313	14.308	14.326	VV	145	1101	0.02%	0.001%
204	14.346	14.326	14.362	VV	173	1926	0.03%	0.002%
205	14.370	14.362	14.380	VV	162	1109	0.02%	0.001%
206	14.383	14.380	14.406	VV	110	1454	0.03%	0.001%
207	14.423	14.418	14.442	VV	118	1367	0.02%	0.001%
208	14.449	14.442	14.466	VV	147	1062	0.02%	0.001%
209	14.533	14.507	14.540	VV	126	1602	0.03%	0.001%
210	14.588	14.562	14.662	VV	1163	19427	0.35%	0.018%
211	14.664	14.662	14.696	VV	131	1495	0.03%	0.001%
212	14.713	14.696	14.736	PV	278	3610	0.07%	0.003%
213	14.743	14.736	14.760	VV	119	1080	0.02%	0.001%
214	14.787	14.760	14.817	VV	467	8596	0.16%	0.008%
215	14.838	14.827	14.847	VV	205	1970	0.04%	0.002%
216	14.868	14.847	14.914	VV	287	6400	0.12%	0.006%
217	14.922	14.914	14.947	VV	143	1598	0.03%	0.001%
218	15.004	14.979	15.027	VV	126	1760	0.03%	0.002%
219	15.060	15.036	15.082	VV	135	2580	0.05%	0.002%
220	15.086	15.082	15.137	VV	188	3273	0.06%	0.003%
221	15.195	15.137	15.214	PV	350705	4470292	80.77%	4.139%
222	15.238	15.214	15.405	VV	387705	5500482	99.39%	5.093%
223	15.422	15.405	15.457	VV	951	24406	0.44%	0.023%
224	15.472	15.457	15.508	VV	821	17633	0.32%	0.016%
225	15.513	15.508	15.524	VV	380	3019	0.05%	0.003%
226	15.544	15.524	15.557	VV	375	6225	0.11%	0.006%
227	15.562	15.557	15.576	VV	372	3417	0.06%	0.003%
228	15.580	15.576	15.594	VV	299	2524	0.05%	0.002%
229	15.625	15.594	15.656	VV	1307	22218	0.40%	0.021%
230	15.682	15.656	15.696	VV	359	5898	0.11%	0.005%
231	15.698	15.696	15.706	VV	262	1176	0.02%	0.001%
232	15.718	15.706	15.728	VV	258	2481	0.04%	0.002%
233	15.739	15.728	15.757	VV	266	3802	0.07%	0.004%
234	15.795	15.757	15.832	VV	5734	84502	1.53%	0.078%
235	15.839	15.832	15.854	VV	296	2600	0.05%	0.002%
236	15.863	15.854	15.868	VV	175	1176	0.02%	0.001%
237	15.871	15.868	15.889	VV	177	1223	0.02%	0.001%
238	15.905	15.889	15.934	VV	318	4772	0.09%	0.004%
239	15.961	15.949	15.966	VV	175	1247	0.02%	0.001%
240	15.969	15.966	15.988	VV	132	1206	0.02%	0.001%
241	15.994	15.988	16.022	VV	147	1615	0.03%	0.001%
242	16.057	16.022	16.066	PV	137	2304	0.04%	0.002%
243	16.091	16.082	16.119	VV	167	2745	0.05%	0.003%
244	16.131	16.119	16.136	VV	157	1174	0.02%	0.001%
245	16.145	16.136	16.166	VV	211	2829	0.05%	0.003%
246	16.179	16.166	16.194	VV	152	1716	0.03%	0.002%

rteres

247	16.241	16.217	16.250	VV	707	8641	0.16%	0.008%
248	16.282	16.250	16.332	VV	44789	601662	10.87%	0.557%
249	16.340	16.332	16.349	VV	254	2318	0.04%	0.002%
250	16.354	16.349	16.366	VV	198	1587	0.03%	0.001%
251	16.421	16.396	16.447	VV	160	3464	0.06%	0.003%
252	16.474	16.447	16.539	VV	558	10457	0.19%	0.010%
253	16.599	16.567	16.618	VV	184	3693	0.07%	0.003%
254	16.647	16.634	16.684	VV	101	1659	0.03%	0.002%
255	16.759	16.684	16.774	PV	321920	4479596	80.94%	4.148%
256	16.792	16.774	16.885	VV	374531	4694562	84.83%	4.347%
257	16.903	16.885	16.997	VV	1616	63447	1.15%	0.059%
258	17.019	16.997	17.048	VV	664	15136	0.27%	0.014%
259	17.068	17.048	17.089	VV	419	9264	0.17%	0.009%
260	17.140	17.089	17.202	VV	335005	4417723	79.82%	4.091%
261	17.234	17.202	17.412	VV	44363	701019	12.67%	0.649%
262	17.421	17.412	17.434	VV	249	3067	0.06%	0.003%
263	17.442	17.434	17.477	VV	186	4453	0.08%	0.004%
264	17.526	17.477	17.534	VV	223	5686	0.10%	0.005%
265	17.568	17.534	17.626	VV	325	10390	0.19%	0.010%
266	17.685	17.626	17.749	VV	1830	33272	0.60%	0.031%
267	17.794	17.749	17.834	PV	245	6661	0.12%	0.006%
268	17.849	17.834	17.884	VV	152	2994	0.05%	0.003%
269	17.894	17.884	17.907	VV	117	1167	0.02%	0.001%
270	17.914	17.907	17.933	VV	116	1409	0.03%	0.001%
271	17.989	17.933	17.999	VV	304	6089	0.11%	0.006%
272	18.015	17.999	18.056	VV	318	6281	0.11%	0.006%
273	18.125	18.056	18.176	VV	39887	567171	10.25%	0.525%
274	18.215	18.176	18.251	VV	535	11036	0.20%	0.010%
275	18.268	18.251	18.286	VV	205	2508	0.05%	0.002%
276	18.320	18.286	18.352	VV	352	7846	0.14%	0.007%
277	18.355	18.352	18.376	VV	234	1690	0.03%	0.002%
278	18.413	18.376	18.432	PV	221	4451	0.08%	0.004%
279	18.451	18.432	18.469	VV	226	2114	0.04%	0.002%
280	18.520	18.469	18.536	PV	324376	4581605	82.79%	4.242%
281	18.557	18.536	18.727	VV	350725	4870276	88.00%	4.510%
282	18.777	18.727	18.851	PBA	326242	4738697	85.62%	4.388%

Sum of corrected areas: 107998472

Aromatic EPH 102925.M Tue Nov 18 01:17:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 20 23:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.494	6637711	55.115 ug/ml
Spiked Amount	50.000		Recovery =	110.23%
	Target Compounds			
1) T	n-Nonane (C9)	3.367	2317525	18.601 ug/ml
2) T	n-Decane (C10)	4.628	2815753	21.994 ug/ml
4) T	n-Dodecane (C12)	6.811	3175440	24.354 ug/ml
6) T	n-Tetradecane (C14)	8.651	3419902	26.769 ug/ml
7) T	n-Hexadecane (C16)	10.270	3920067	29.667 ug/ml
8) T	n-Octadecane (C18)	11.724	4293641	30.811 ug/ml
10) T	n-Eicosane (C20)	13.044	4505609	32.234 ug/ml
11) T	n-Heneicosane (C21)	13.659	4492454	32.312 ug/ml
13) T	n-Docosane (C22)	14.250	4496014	31.779 ug/ml
14) T	n-Tetracosane (C24)	15.360	4450096	30.267 ug/ml
15) T	n-Hexacosane (C26)	16.390	4302187	29.325 ug/ml
16) T	n-Octacosane (C28)	17.345	4138392	28.112 ug/ml
17) T	n-Tricontane (C30)	18.238	3894854	25.740 ug/ml
18) T	n-Dotriacontane (C32)	19.074	3705651	25.139 ug/ml
19) T	n-Tetratriacontane (C34)	19.863	3511347	27.248 ug/ml
20) T	n-Hexatriacontane (C36)	20.608	3272687	31.619 ug/ml
21) T	n-Octatriacontane (C38)	21.382	3165118	35.902 ug/ml
22) T	n-Tetracontane (C40)	22.363	3026544	38.653 ug/ml

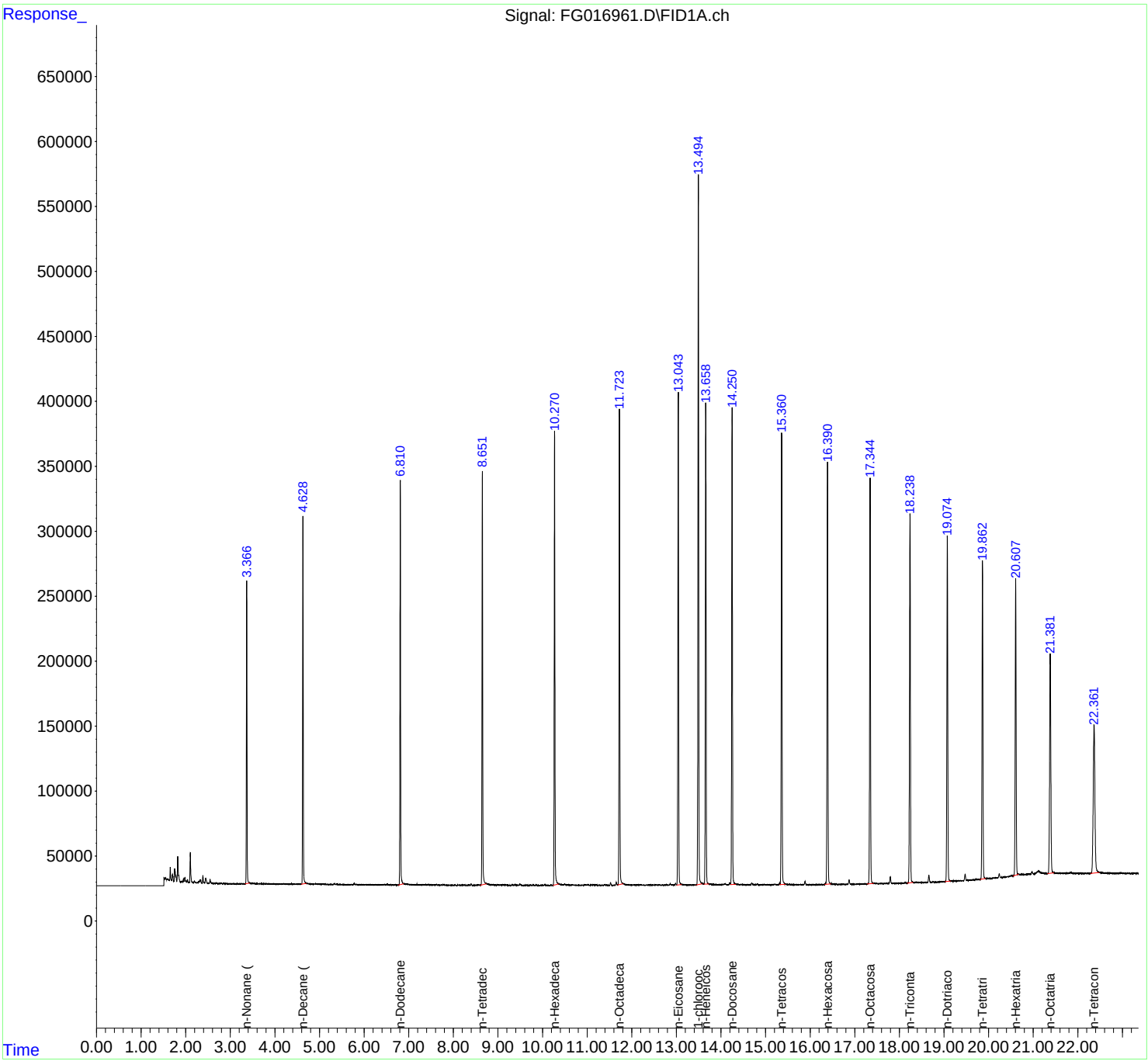
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 20 23:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.291	3.221	3.322	BV	82	984	0.01%	0.001%
2	3.367	3.322	3.500	PV	231019	2362424	35.17%	3.009%
3	3.512	3.500	3.565	VV	458	12771	0.19%	0.016%
4	3.584	3.565	3.601	VV	350	6109	0.09%	0.008%
5	3.611	3.601	3.645	VV	368	7331	0.11%	0.009%
6	3.685	3.645	3.728	VV	362	13489	0.20%	0.017%
7	3.742	3.728	3.805	VV	288	9936	0.15%	0.013%
8	3.818	3.805	3.866	VV	213	6366	0.09%	0.008%
9	3.881	3.866	3.938	VV	187	5755	0.09%	0.007%
10	3.963	3.938	4.043	VV	202	8339	0.12%	0.011%
11	4.058	4.043	4.078	VV	161	2321	0.03%	0.003%
12	4.090	4.078	4.135	VV	130	3101	0.05%	0.004%
13	4.164	4.135	4.184	VV	281	4662	0.07%	0.006%
14	4.201	4.184	4.225	VV	457	6200	0.09%	0.008%
15	4.237	4.225	4.255	VV	151	2184	0.03%	0.003%
16	4.277	4.255	4.309	VV	364	5753	0.09%	0.007%
17	4.319	4.309	4.341	VV	123	2134	0.03%	0.003%
18	4.371	4.341	4.495	VV	378	15452	0.23%	0.020%
19	4.499	4.495	4.508	VV	132	920	0.01%	0.001%
20	4.538	4.508	4.561	VV	444	6826	0.10%	0.009%
21	4.567	4.561	4.591	VV	185	2406	0.04%	0.003%
22	4.628	4.591	4.728	VV	282233	2859332	42.57%	3.642%
23	4.746	4.728	4.795	VV	722	20797	0.31%	0.026%
24	4.817	4.795	4.863	VV	601	17447	0.26%	0.022%
25	4.879	4.863	4.898	VV	473	7782	0.12%	0.010%
26	4.915	4.898	4.955	VV	674	13001	0.19%	0.017%
27	4.968	4.955	5.011	VV	286	8794	0.13%	0.011%
28	5.054	5.011	5.072	VV	322	9543	0.14%	0.012%
29	5.082	5.072	5.088	VV	240	2174	0.03%	0.003%
30	5.095	5.088	5.103	VV	280	2092	0.03%	0.003%
31	5.111	5.103	5.123	VV	243	2591	0.04%	0.003%

Page 1

rteres

32	5.134	5.123	5.172	VV	226	5016	0.07%	0.006%
33	5.192	5.172	5.202	VV	159	2668	0.04%	0.003%
34	5.214	5.202	5.229	VV	176	2551	0.04%	0.003%
35	5.248	5.229	5.288	VV	194	4552	0.07%	0.006%
36	5.335	5.288	5.366	VV	1059	17770	0.26%	0.023%
37	5.394	5.366	5.435	VV	369	8686	0.13%	0.011%
38	5.453	5.435	5.495	VV	292	5555	0.08%	0.007%
39	5.509	5.495	5.517	VV	99	1114	0.02%	0.001%
40	5.525	5.517	5.552	VV	115	1909	0.03%	0.002%
41	5.560	5.552	5.581	VV	127	1604	0.02%	0.002%
42	5.587	5.581	5.601	VV	112	1043	0.02%	0.001%
43	5.607	5.601	5.615	VV	92	667	0.01%	0.001%
44	5.623	5.615	5.639	VV	110	1019	0.02%	0.001%
45	5.655	5.639	5.701	VV	138	3476	0.05%	0.004%
46	5.714	5.701	5.724	VV	117	1371	0.02%	0.002%
47	5.737	5.724	5.749	VV	115	1693	0.03%	0.002%
48	5.776	5.749	5.801	VV	894	13130	0.20%	0.017%
49	5.816	5.801	5.858	VV	446	7892	0.12%	0.010%
50	5.862	5.858	5.867	VV	144	690	0.01%	0.001%
51	5.877	5.867	5.909	VV	187	3659	0.05%	0.005%
52	5.967	5.909	6.003	VV	238	7943	0.12%	0.010%
53	6.041	6.003	6.053	VV	177	3135	0.05%	0.004%
54	6.089	6.053	6.109	VV	190	4283	0.06%	0.005%
55	6.147	6.109	6.195	VV	274	5960	0.09%	0.008%
56	6.208	6.195	6.238	VV	148	1824	0.03%	0.002%
57	6.254	6.238	6.287	PV	225	2742	0.04%	0.003%
58	6.305	6.287	6.331	VV	194	2966	0.04%	0.004%
59	6.368	6.331	6.390	VV	386	6952	0.10%	0.009%
60	6.409	6.390	6.432	VV	432	5763	0.09%	0.007%
61	6.454	6.432	6.488	VV	707	10190	0.15%	0.013%
62	6.518	6.488	6.558	VV	799	11484	0.17%	0.015%
63	6.566	6.558	6.573	VV	134	996	0.01%	0.001%
64	6.591	6.573	6.618	VV	172	3642	0.05%	0.005%
65	6.625	6.618	6.677	VV	124	2214	0.03%	0.003%
66	6.699	6.677	6.726	VV	140	2308	0.03%	0.003%
67	6.735	6.726	6.762	VV	72	827	0.01%	0.001%
68	6.811	6.762	6.928	PV	310694	3236552	48.19%	4.122%
69	6.934	6.928	6.948	VV	779	8729	0.13%	0.011%
70	6.964	6.948	6.990	VV	1100	19169	0.29%	0.024%
71	7.004	6.990	7.025	VV	577	10626	0.16%	0.014%
72	7.039	7.025	7.082	VV	630	14642	0.22%	0.019%
73	7.095	7.082	7.128	VV	403	8823	0.13%	0.011%
74	7.153	7.128	7.175	VV	350	8090	0.12%	0.010%
75	7.178	7.175	7.213	VV	333	6091	0.09%	0.008%
76	7.224	7.213	7.245	VV	294	4437	0.07%	0.006%
77	7.268	7.245	7.300	VV	292	8165	0.12%	0.010%
78	7.327	7.300	7.365	VV	480	13773	0.21%	0.018%
79	7.388	7.365	7.413	VV	475	9941	0.15%	0.013%

rteres

80	7.448	7.413	7.475	VV	541	13887	0.21%	0.018%
81	7.492	7.475	7.543	VV	418	9445	0.14%	0.012%
82	7.558	7.543	7.584	VV	230	4046	0.06%	0.005%
83	7.618	7.584	7.657	VV	812	13572	0.20%	0.017%
84	7.682	7.657	7.711	VV	212	4833	0.07%	0.006%
85	7.728	7.711	7.740	VV	176	2669	0.04%	0.003%
86	7.765	7.740	7.815	VV	674	13486	0.20%	0.017%
87	7.823	7.815	7.841	VV	194	2375	0.04%	0.003%
88	7.856	7.841	7.915	VV	187	4056	0.06%	0.005%
89	7.927	7.915	7.945	VV	114	1198	0.02%	0.002%
90	7.981	7.945	7.998	PV	127	2010	0.03%	0.003%
91	8.029	7.998	8.067	VV	375	6733	0.10%	0.009%
92	8.098	8.067	8.111	VV	177	3554	0.05%	0.005%
93	8.128	8.111	8.163	VV	279	4734	0.07%	0.006%
94	8.202	8.163	8.235	VV	216	5347	0.08%	0.007%
95	8.255	8.235	8.285	VV	184	3540	0.05%	0.005%
96	8.296	8.285	8.315	VV	162	2224	0.03%	0.003%
97	8.344	8.315	8.371	VV	493	7167	0.11%	0.009%
98	8.399	8.371	8.495	VV	1340	19043	0.28%	0.024%
99	8.558	8.495	8.615	VV	703	14143	0.21%	0.018%
100	8.651	8.615	8.831	VV	320002	3521025	52.42%	4.485%
101	8.848	8.831	8.870	VV	526	11105	0.17%	0.014%
102	8.885	8.870	8.981	VV	470	18471	0.27%	0.024%
103	9.001	8.981	9.079	VV	300	14202	0.21%	0.018%
104	9.118	9.079	9.138	VV	348	9161	0.14%	0.012%
105	9.150	9.138	9.180	VV	377	7391	0.11%	0.009%
106	9.200	9.180	9.236	VV	360	8228	0.12%	0.010%
107	9.255	9.236	9.268	VV	159	2397	0.04%	0.003%
108	9.271	9.268	9.296	VV	149	1774	0.03%	0.002%
109	9.334	9.296	9.363	VV	277	7463	0.11%	0.010%
110	9.386	9.363	9.405	VV	452	7132	0.11%	0.009%
111	9.418	9.405	9.431	VV	285	3506	0.05%	0.004%
112	9.449	9.431	9.465	VV	230	3995	0.06%	0.005%
113	9.497	9.465	9.557	VV	978	20447	0.30%	0.026%
114	9.572	9.557	9.598	VV	177	2246	0.03%	0.003%
115	9.623	9.598	9.638	VV	156	2103	0.03%	0.003%
116	9.646	9.638	9.689	VV	159	3734	0.06%	0.005%
117	9.743	9.689	9.758	VV	266	6021	0.09%	0.008%
118	9.786	9.758	9.830	VV	351	5875	0.09%	0.007%
119	9.855	9.830	9.889	PV	398	5763	0.09%	0.007%
120	9.906	9.889	9.944	VV	186	3148	0.05%	0.004%
121	9.957	9.944	9.973	VV	79	1101	0.02%	0.001%
122	10.001	9.973	10.025	VV	333	5467	0.08%	0.007%
123	10.048	10.025	10.081	VV	926	11409	0.17%	0.015%
124	10.115	10.081	10.154	VV	149	3255	0.05%	0.004%
125	10.191	10.154	10.232	PV	610	10089	0.15%	0.013%
126	10.270	10.232	10.471	VV	344858	4013405	59.75%	5.112%

rteres

127	10.498	10.471	10.578	VV	1068	31289	0.47%	0.040%
128	10.592	10.578	10.637	VV	307	9162	0.14%	0.012%
129	10.661	10.637	10.687	VV	373	8347	0.12%	0.011%
130	10.701	10.687	10.727	VV	268	5264	0.08%	0.007%
131	10.753	10.727	10.791	VV	286	6472	0.10%	0.008%
132	10.822	10.791	10.856	VV	187	5218	0.08%	0.007%
133	10.880	10.856	10.891	VV	148	2746	0.04%	0.003%
134	10.916	10.891	10.927	VV	205	3447	0.05%	0.004%
135	10.958	10.927	10.973	VV	282	6131	0.09%	0.008%
136	10.988	10.973	10.998	VV	295	3782	0.06%	0.005%
137	11.018	10.998	11.058	VV	512	9350	0.14%	0.012%
138	11.073	11.058	11.085	VV	194	2685	0.04%	0.003%
139	11.139	11.085	11.185	VV	512	14797	0.22%	0.019%
140	11.205	11.185	11.221	VV	245	4192	0.06%	0.005%
141	11.230	11.221	11.257	VV	220	2666	0.04%	0.003%
142	11.273	11.257	11.287	VV	119	1587	0.02%	0.002%
143	11.298	11.287	11.314	VV	102	1143	0.02%	0.001%
144	11.341	11.314	11.366	VV	288	4859	0.07%	0.006%
145	11.391	11.366	11.419	VV	522	8384	0.12%	0.011%
146	11.439	11.419	11.497	VV	225	5062	0.08%	0.006%
147	11.525	11.497	11.565	PV	2168	26347	0.39%	0.034%
148	11.581	11.565	11.624	VV	82	995	0.01%	0.001%
149	11.654	11.624	11.683	PV	2147	29844	0.44%	0.038%
150	11.723	11.683	11.921	VV	365219	4392309	65.39%	5.594%
151	11.935	11.921	11.987	VV	345	9974	0.15%	0.013%
152	12.003	11.987	12.093	VV	251	13542	0.20%	0.017%
153	12.127	12.093	12.158	VV	293	7962	0.12%	0.010%
154	12.190	12.158	12.272	VV	387	12521	0.19%	0.016%
155	12.293	12.272	12.310	VV	133	2357	0.04%	0.003%
156	12.325	12.310	12.335	VV	177	1858	0.03%	0.002%
157	12.398	12.335	12.428	VV	319	10195	0.15%	0.013%
158	12.435	12.428	12.459	VV	167	2278	0.03%	0.003%
159	12.469	12.459	12.478	VV	117	1078	0.02%	0.001%
160	12.533	12.478	12.580	VV	185	6677	0.10%	0.009%
161	12.617	12.580	12.655	VV	215	5274	0.08%	0.007%
162	12.685	12.655	12.712	VV	170	3569	0.05%	0.005%
163	12.730	12.712	12.750	VV	189	2484	0.04%	0.003%
164	12.776	12.750	12.807	VV	342	6189	0.09%	0.008%
165	12.864	12.807	12.888	VV	1053	19452	0.29%	0.025%
166	12.901	12.888	12.953	VV	312	4983	0.07%	0.006%
167	12.982	12.953	13.005	PV	1625	20483	0.30%	0.026%
168	13.043	13.005	13.140	VV	378642	4534289	67.51%	5.775%
169	13.161	13.140	13.287	VV	580	20523	0.31%	0.026%
170	13.298	13.287	13.315	VV	160	1905	0.03%	0.002%
171	13.333	13.315	13.349	VV	123	2396	0.04%	0.003%
172	13.370	13.349	13.398	VV	149	2862	0.04%	0.004%
173	13.494	13.398	13.625	VV	548085	6716836	100.00%	8.555%
174	13.659	13.625	13.813	VV	373073	4577142	68.14%	5.830%

rteres

175	13.840	13.813	13.911	VV	620	25015	0.37%	0.032%
176	13.924	13.911	13.988	VV	370	13574	0.20%	0.017%
177	14.007	13.988	14.016	VV	308	4814	0.07%	0.006%
178	14.040	14.016	14.056	VV	642	10948	0.16%	0.014%
179	14.089	14.056	14.133	VV	1120	28585	0.43%	0.036%
180	14.150	14.133	14.170	VV	312	5975	0.09%	0.008%
181	14.196	14.170	14.214	VV	1737	24517	0.37%	0.031%
182	14.250	14.214	14.356	VV	372430	4537824	67.56%	5.780%
183	14.377	14.356	14.418	VV	681	16673	0.25%	0.021%
184	14.451	14.418	14.468	VV	403	10862	0.16%	0.014%
185	14.480	14.468	14.532	VV	354	9673	0.14%	0.012%
186	14.540	14.532	14.566	VV	177	3631	0.05%	0.005%
187	14.586	14.566	14.605	VV	204	4135	0.06%	0.005%
188	14.615	14.605	14.653	VV	200	4878	0.07%	0.006%
189	14.694	14.653	14.755	VV	1250	29253	0.44%	0.037%
190	14.761	14.755	14.795	VV	203	3967	0.06%	0.005%
191	14.817	14.795	14.871	VV	949	16528	0.25%	0.021%
192	14.879	14.871	14.894	VV	100	1593	0.02%	0.002%
193	14.914	14.894	14.937	VV	194	4013	0.06%	0.005%
194	14.981	14.937	15.056	VV	410	13703	0.20%	0.017%
195	15.070	15.056	15.081	VV	145	1504	0.02%	0.002%
196	15.096	15.081	15.114	VV	148	2211	0.03%	0.003%
197	15.133	15.114	15.154	VV	129	2364	0.04%	0.003%
198	15.166	15.154	15.177	VV	166	1499	0.02%	0.002%
199	15.204	15.177	15.242	VV	490	10651	0.16%	0.014%
200	15.252	15.242	15.268	VV	153	1602	0.02%	0.002%
201	15.315	15.268	15.324	VV	1175	14965	0.22%	0.019%
202	15.361	15.324	15.485	VV	345913	4484518	66.77%	5.712%
203	15.493	15.485	15.511	VV	326	4477	0.07%	0.006%
204	15.528	15.511	15.685	VV	319	15219	0.23%	0.019%
205	15.697	15.685	15.718	VV	103	1271	0.02%	0.002%
206	15.742	15.718	15.761	VV	154	2471	0.04%	0.003%
207	15.779	15.761	15.827	VV	267	4617	0.07%	0.006%
208	15.884	15.827	15.963	VV	2588	37905	0.56%	0.048%
209	15.991	15.963	16.130	PV	79	2109	0.03%	0.003%
210	16.208	16.130	16.229	PV	170	4982	0.07%	0.006%
211	16.254	16.229	16.294	VV	231	4626	0.07%	0.006%
212	16.389	16.294	16.548	VV	319298	4353697	64.82%	5.545%
213	16.560	16.548	16.655	VV	195	8221	0.12%	0.010%
214	16.700	16.655	16.724	VV	199	4339	0.06%	0.006%
215	16.746	16.724	16.768	VV	164	2557	0.04%	0.003%
216	16.785	16.768	16.798	PV	92	758	0.01%	0.001%
217	16.809	16.798	16.814	VV	40	251	0.00%	0.000%
218	16.874	16.814	16.944	VV	3543	53822	0.80%	0.069%
219	16.979	16.944	16.994	PV	100	1447	0.02%	0.002%
220	17.004	16.994	17.023	VV	82	966	0.01%	0.001%
221	17.049	17.023	17.068	VV	198	3539	0.05%	0.005%

rteres

222	17.078	17.068	17.129	VV	133	2843	0.04%	0.004%
223	17.176	17.129	17.194	VV	147	3026	0.05%	0.004%
224	17.223	17.194	17.279	VV	280	6549	0.10%	0.008%
225	17.344	17.279	17.538	VV	309678	4176554	62.18%	5.319%
226	17.581	17.538	17.605	VV	223	6637	0.10%	0.008%
227	17.613	17.605	17.655	VV	179	4542	0.07%	0.006%
228	17.682	17.655	17.701	VV	168	2855	0.04%	0.004%
229	17.797	17.701	17.861	VV	5290	84621	1.26%	0.108%
230	17.902	17.861	17.951	VV	219	6949	0.10%	0.009%
231	17.966	17.951	17.972	VV	68	638	0.01%	0.001%
232	18.010	17.972	18.040	VV	105	2452	0.04%	0.003%
233	18.079	18.040	18.097	PV	170	3129	0.05%	0.004%
234	18.126	18.097	18.164	VV	875	13298	0.20%	0.017%
235	18.238	18.164	18.354	PV	284477	3927224	58.47%	5.002%
236	18.387	18.354	18.478	VV	623	20321	0.30%	0.026%
237	18.513	18.478	18.535	VV	358	6163	0.09%	0.008%
238	18.559	18.535	18.575	VV	182	2113	0.03%	0.003%
239	18.591	18.575	18.608	VV	111	1507	0.02%	0.002%
240	18.661	18.608	18.732	VV	5624	85036	1.27%	0.108%
241	18.756	18.732	18.785	VV	583	8505	0.13%	0.011%
242	18.795	18.785	18.805	VV	76	350	0.01%	0.000%
243	18.922	18.805	18.961	PV	288	5445	0.08%	0.007%
244	18.972	18.961	18.994	VV	161	1807	0.03%	0.002%
245	19.074	18.994	19.158	PV	265559	3729295	55.52%	4.750%
246	19.178	19.158	19.208	VV	431	9204	0.14%	0.012%
247	19.228	19.208	19.267	VV	336	7720	0.11%	0.010%
248	19.331	19.267	19.350	VV	339	8100	0.12%	0.010%
249	19.374	19.350	19.419	VV	213	4712	0.07%	0.006%
250	19.474	19.419	19.545	PV	4978	81387	1.21%	0.104%
251	19.601	19.545	19.613	VV	246	7083	0.11%	0.009%
252	19.651	19.613	19.664	VV	332	7486	0.11%	0.010%
253	19.721	19.664	19.745	VV	504	14511	0.22%	0.018%
254	19.766	19.745	19.787	VV	400	7598	0.11%	0.010%
255	19.863	19.787	19.956	VV	242415	3565870	53.09%	4.542%
256	19.966	19.956	19.975	VV	692	7711	0.11%	0.010%
257	20.018	19.975	20.043	VV	652	25687	0.38%	0.033%
258	20.061	20.043	20.070	VV	628	9684	0.14%	0.012%
259	20.106	20.070	20.125	VV	860	23714	0.35%	0.030%
260	20.152	20.125	20.185	VV	980	30858	0.46%	0.039%
261	20.239	20.185	20.275	VV	3839	85433	1.27%	0.109%
262	20.292	20.275	20.319	VV	931	22830	0.34%	0.029%
263	20.434	20.319	20.448	VV	1170	80437	1.20%	0.102%
264	20.511	20.448	20.542	VV	1808	83132	1.24%	0.106%
265	20.608	20.542	20.720	VV	227249	3489279	51.95%	4.444%
266	20.758	20.720	20.771	VV	2195	66723	0.99%	0.085%
267	20.785	20.771	20.808	VV	2160	46997	0.70%	0.060%
268	20.885	20.808	20.918	VV	2277	142900	2.13%	0.182%
269	20.974	20.918	21.015	VV	3945	150651	2.24%	0.192%

rteres

270	21.118	21.015	21.200	VV	3951	332759	4.95%	0.424%
271	21.219	21.200	21.268	VV	2297	85905	1.28%	0.109%
272	21.283	21.268	21.316	VV	1960	54295	0.81%	0.069%
273	21.382	21.316	21.521	VV	168943	3396419	50.57%	4.326%
274	21.536	21.521	21.618	VV	1667	88875	1.32%	0.113%
275	21.631	21.618	21.703	VV	1337	64376	0.96%	0.082%
276	21.744	21.703	21.765	VV	1237	42674	0.64%	0.054%
277	21.774	21.765	21.796	VV	1067	19059	0.28%	0.024%
278	21.840	21.796	21.891	VV	1708	69187	1.03%	0.088%
279	21.897	21.891	21.911	VV	837	9539	0.14%	0.012%
280	21.918	21.911	21.928	VV	748	7348	0.11%	0.009%
281	21.954	21.928	22.034	VV	728	38368	0.57%	0.049%
282	22.062	22.034	22.085	VV	471	12631	0.19%	0.016%
283	22.091	22.085	22.121	VV	390	6529	0.10%	0.008%
284	22.169	22.121	22.205	VV	257	9009	0.13%	0.011%
285	22.248	22.205	22.265	VV	97	2710	0.04%	0.003%
286	22.364	22.265	22.501	PBA	113168	3038995	45.24%	3.871%

Sum of corrected areas: 78515222

Aliphatic EPH 102925.M Fri Nov 21 00:25:51 2025

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

Manual Integration Report

Sequence:	FF102925AR	Instrument	FID_f

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:	FF111725AR	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FF016716.D	Indeno[1,2,3-cd]pyrene (C35.01)	rahul	11/18/2025 11:02:04 AM	mohammad	11/19/2025 12:23:12	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FG102925AL	Instrument	FID_g

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:	FG111725AL	Instrument	FID_g

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:	FG112025AL	Instrument	FID_g

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM		
SubDirectory	FF102925AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016609.D	29 Oct 2025 13:36	YP\AJ	Ok
2	I.BLK	FF016610.D	29 Oct 2025 14:05	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF016611.D	29 Oct 2025 14:35	YP\AJ	Not Ok
4	50 PPM AROMATIC HC STD2	FF016612.D	29 Oct 2025 15:04	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF016613.D	29 Oct 2025 15:34	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF016614.D	29 Oct 2025 16:03	YP\AJ	Ok
7	100 PPM AROMATIC HC STD1	FF016615.D	29 Oct 2025 17:02	YP\AJ	Ok
8	5 PPM AROMATIC HC STD5	FF016616.D	29 Oct 2025 18:07	YP\AJ	Ok
9	20 PPM AROMATIC HC STD ICV	FF016617.D	29 Oct 2025 19:06	YP\AJ	Ok
10	I.BLK	FF016618.D	29 Oct 2025 20:05	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016619.D	29 Oct 2025 20:34	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM		
SubDirectory	FF111725AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016714.D	17 Nov 2025 10:24	YP\AJ	Ok
2	I.BLK	FF016715.D	17 Nov 2025 13:50	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF016716.D	17 Nov 2025 14:20	YP\AJ	Ok,M
4	PB170577BS	FF016717.D	17 Nov 2025 15:00	YP\AJ	Ok
5	PB170577BSD	FF016718.D	17 Nov 2025 15:30	YP\AJ	Ok
6	PB170577BL	FF016719.D	17 Nov 2025 16:34	YP\AJ	Ok
7	PB170496BS	FF016720.D	17 Nov 2025 17:03	YP\AJ	Not Ok
8	PB170496BSD	FF016721.D	17 Nov 2025 17:32	YP\AJ	Not Ok
9	Q3586-01	FF016722.D	17 Nov 2025 18:02	YP\AJ	Ok
10	Q3586-02	FF016723.D	17 Nov 2025 18:31	YP\AJ	Ok
11	Q3586-03	FF016724.D	17 Nov 2025 19:01	YP\AJ	Ok
12	Q3586-03D	FF016725.D	17 Nov 2025 19:30	YP\AJ	Ok
13	Q3586-03MS	FF016726.D	17 Nov 2025 19:59	YP\AJ	Ok
14	Q3586-03MSD	FF016727.D	17 Nov 2025 20:29	YP\AJ	Ok
15	Q3618-01	FF016728.D	17 Nov 2025 20:58	YP\AJ	Ok
16	Q3618-02	FF016729.D	17 Nov 2025 21:28	YP\AJ	Ok
17	I.BLK	FF016730.D	17 Nov 2025 22:27	YP\AJ	Ok
18	20 PPM AROMATIC HC STD	FF016731.D	17 Nov 2025 22:56	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM		
SubDirectory	FG102925AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016845.D	29 Oct 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016846.D	29 Oct 2025 13:36	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016847.D	29 Oct 2025 14:05	YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC STD2	FG016848.D	29 Oct 2025 14:35	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016849.D	29 Oct 2025 15:04	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016850.D	29 Oct 2025 15:34	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016851.D	29 Oct 2025 16:03	YP\AJ	Ok
8	100 PPM ALIPHATIC HC STD1	FG016852.D	29 Oct 2025 16:33	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD ICV	FG016853.D	29 Oct 2025 17:32	YP\AJ	Ok
10	I.BLK	FG016854.D	29 Oct 2025 19:35	YP\AJ	Ok
11	20 PPM ALIPHATIC HC STD	FG016855.D	29 Oct 2025 20:05	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111725AL

Review By	rahul	Review On	11/17/2025 3:35:35 PM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:20 AM		
SubDirectory	FG111725AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016923.D	17 Nov 2025 10:24	YP\AJ	Ok
2	I.BLK	FG016924.D	17 Nov 2025 13:50	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016925.D	17 Nov 2025 14:20	YP\AJ	Ok
4	PB170577BL	FG016926.D	17 Nov 2025 16:34	YP\AJ	Not Ok
5	PB170577BS	FG016927.D	17 Nov 2025 17:03	YP\AJ	Ok
6	PB170577BSD	FG016928.D	17 Nov 2025 17:32	YP\AJ	Ok
7	Q3586-01	FG016929.D	17 Nov 2025 18:02	YP\AJ	Ok
8	Q3586-02	FG016930.D	17 Nov 2025 18:31	YP\AJ	Ok
9	Q3586-03	FG016931.D	17 Nov 2025 19:01	YP\AJ	ReRun
10	Q3586-03D	FG016932.D	17 Nov 2025 19:30	YP\AJ	Not Ok
11	Q3586-03MS	FG016933.D	17 Nov 2025 19:59	YP\AJ	Not Ok
12	Q3586-03MSD	FG016934.D	17 Nov 2025 20:29	YP\AJ	Not Ok
13	Q3618-01	FG016935.D	17 Nov 2025 20:58	YP\AJ	Ok
14	Q3618-02	FG016936.D	17 Nov 2025 21:28	YP\AJ	Ok
15	I.BLK	FG016937.D	17 Nov 2025 22:27	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FG016938.D	17 Nov 2025 22:56	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG112025AL

Review By	Rahul	Review On	11/20/2025 10:43:14 AM		
Supervise By	mohammad	Supervise On	11/21/2025 6:40:27 AM		
SubDirectory	FG112025AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016954.D	20 Nov 2025 09:37	YP\AJ	Ok
2	I.BLK	FG016955.D	20 Nov 2025 10:07	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016956.D	20 Nov 2025 10:36	YP\AJ	Ok
4	PB170577BL	FG016957.D	20 Nov 2025 11:09	YP\AJ	Ok
5	Q3586-03	FG016958.D	20 Nov 2025 13:13	YP\AJ	Ok
6	Q3586-03D	FG016959.D	20 Nov 2025 13:43	YP\AJ	Ok,M
7	Q3586-03MS	FG016960.D	20 Nov 2025 14:56	YP\AJ	Ok
8	Q3586-03MSD	FG016961.D	20 Nov 2025 15:41	YP\AJ	Ok
9	I.BLK	FG016962.D	20 Nov 2025 16:41	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016963.D	20 Nov 2025 17:15	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM		
SubDirectory	FF102925AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016609.D	29 Oct 2025 13:36		YP\AJ	Ok
2	I.BLK	I.BLK	FF016610.D	29 Oct 2025 14:05		YP\AJ	Ok
3	100 PPM AROMATIC H	100 PPM AROMATIC H	FF016611.D	29 Oct 2025 14:35		YP\AJ	Not Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF016612.D	29 Oct 2025 15:04		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016613.D	29 Oct 2025 15:34		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF016614.D	29 Oct 2025 16:03		YP\AJ	Ok
7	100 PPM AROMATIC H	100 PPM AROMATIC H	FF016615.D	29 Oct 2025 17:02		YP\AJ	Ok
8	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF016616.D	29 Oct 2025 18:07		YP\AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016617.D	29 Oct 2025 19:06		YP\AJ	Ok
10	I.BLK	I.BLK	FF016618.D	29 Oct 2025 20:05		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016619.D	29 Oct 2025 20:34		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM		
SubDirectory	FF111725AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016714.D	17 Nov 2025 10:24		YP\AJ	Ok
2	I.BLK	I.BLK	FF016715.D	17 Nov 2025 13:50		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016716.D	17 Nov 2025 14:20		YP\AJ	Ok,M
4	PB170577BS	PB170577BS	FF016717.D	17 Nov 2025 15:00		YP\AJ	Ok
5	PB170577BSD	PB170577BSD	FF016718.D	17 Nov 2025 15:30		YP\AJ	Ok
6	PB170577BL	PB170577BL	FF016719.D	17 Nov 2025 16:34		YP\AJ	Ok
7	PB170496BS	PB170496BS	FF016720.D	17 Nov 2025 17:03	recoovery ffail	YP\AJ	Not Ok
8	PB170496BSD	PB170496BSD	FF016721.D	17 Nov 2025 17:32	recoovery ffail	YP\AJ	Not Ok
9	Q3586-01	SED-1	FF016722.D	17 Nov 2025 18:02		YP\AJ	Ok
10	Q3586-02	SED-2	FF016723.D	17 Nov 2025 18:31		YP\AJ	Ok
11	Q3586-03	SED-3	FF016724.D	17 Nov 2025 19:01		YP\AJ	Ok
12	Q3586-03D	Q3586-03D	FF016725.D	17 Nov 2025 19:30		YP\AJ	Ok
13	Q3586-03MS	SED-3MS	FF016726.D	17 Nov 2025 19:59	FF016724.D	YP\AJ	Ok
14	Q3586-03MSD	SED-3MSD	FF016727.D	17 Nov 2025 20:29	FF016724.D!FF016726.D	YP\AJ	Ok
15	Q3618-01	EME-TOP-SOIL	FF016728.D	17 Nov 2025 20:58		YP\AJ	Ok
16	Q3618-02	EME-GENERAL-FILL	FF016729.D	17 Nov 2025 21:28		YP\AJ	Ok
17	I.BLK	I.BLK	FF016730.D	17 Nov 2025 22:27		YP\AJ	Ok
18	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016731.D	17 Nov 2025 22:56		YP\AJ	Ok

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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM		
SubDirectory	FF111725AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM		
SubDirectory	FG102925AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016845.D	29 Oct 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016846.D	29 Oct 2025 13:36		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016847.D	29 Oct 2025 14:05		YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016848.D	29 Oct 2025 14:35		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016849.D	29 Oct 2025 15:04		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016850.D	29 Oct 2025 15:34		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016851.D	29 Oct 2025 16:03		YP\AJ	Ok
8	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016852.D	29 Oct 2025 16:33		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016853.D	29 Oct 2025 17:32		YP\AJ	Ok
10	I.BLK	I.BLK	FG016854.D	29 Oct 2025 19:35		YP\AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016855.D	29 Oct 2025 20:05		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111725AL

Review By	rahul	Review On	11/17/2025 3:35:35 PM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:20 AM		
SubDirectory	FG111725AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016923.D	17 Nov 2025 10:24		YP\AJ	Ok
2	I.BLK	I.BLK	FG016924.D	17 Nov 2025 13:50		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016925.D	17 Nov 2025 14:20		YP\AJ	Ok
4	PB170577BL	PB170577BL	FG016926.D	17 Nov 2025 16:34	Surrogate fail	YP\AJ	Not Ok
5	PB170577BS	PB170577BS	FG016927.D	17 Nov 2025 17:03		YP\AJ	Ok
6	PB170577BSD	PB170577BSD	FG016928.D	17 Nov 2025 17:32		YP\AJ	Ok
7	Q3586-01	SED-1	FG016929.D	17 Nov 2025 18:02		YP\AJ	Ok
8	Q3586-02	SED-2	FG016930.D	17 Nov 2025 18:31		YP\AJ	Ok
9	Q3586-03	SED-3	FG016931.D	17 Nov 2025 19:01	Surrogate fail	YP\AJ	ReRun
10	Q3586-03D	Q3586-03D	FG016932.D	17 Nov 2025 19:30	Not matching with original	YP\AJ	Not Ok
11	Q3586-03MS	SED-3MS	FG016933.D	17 Nov 2025 19:59	FG016931.D	YP\AJ	Not Ok
12	Q3586-03MSD	SED-3MSD	FG016934.D	17 Nov 2025 20:29	FG016931.D!FG016933.D	YP\AJ	Not Ok
13	Q3618-01	EME-TOP-SOIL	FG016935.D	17 Nov 2025 20:58		YP\AJ	Ok
14	Q3618-02	EME-GENERAL-FILL	FG016936.D	17 Nov 2025 21:28		YP\AJ	Ok
15	I.BLK	I.BLK	FG016937.D	17 Nov 2025 22:27		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016938.D	17 Nov 2025 22:56		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG112025AL

Review By	Rahul	Review On	11/20/2025 10:43:14 AM		
Supervise By	mohammad	Supervise On	11/21/2025 6:40:27 AM		
SubDirectory	FG112025AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016954.D	20 Nov 2025 09:37		YP\AJ	Ok
2	I.BLK	I.BLK	FG016955.D	20 Nov 2025 10:07		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016956.D	20 Nov 2025 10:36		YP\AJ	Ok
4	PB170577BL	PB170577BL	FG016957.D	20 Nov 2025 11:09		YP\AJ	Ok
5	Q3586-03	SED-3	FG016958.D	20 Nov 2025 13:13		YP\AJ	Ok
6	Q3586-03D	Q3586-03D	FG016959.D	20 Nov 2025 13:43		YP\AJ	Ok,M
7	Q3586-03MS	SED-3MS	FG016960.D	20 Nov 2025 14:56	FG016958.D	YP\AJ	Ok
8	Q3586-03MSD	SED-3MSD	FG016961.D	20 Nov 2025 15:41	FG016958.D!FG016960.D	YP\AJ	Ok
9	I.BLK	I.BLK	FG016962.D	20 Nov 2025 16:41		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016963.D	20 Nov 2025 17:15		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170577

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/17/2025
Matrix :	Solid			**Extraction Start Time :**	08:38
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	11/17/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	14:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
Methylene Chloride	N/A	E3986
EPH Cartridge	N/A	E3970
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:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25	RS (Ext-Lab)	RC/Post PCB
14:27	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170577

Analytical Method: MNJDEP-EPH-8

Concentration Date: 11/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170577BL	PB170577BL	EPH	30.01	N/A	ritesh	Evelyn	2			U2-1
PB170577BS	PB170577BS	EPH	30.03	N/A	ritesh	Evelyn	2			2
PB170577BSD	PB170577BSD	EPH	30.02	N/A	ritesh	Evelyn	2			3
Q3586-01	SED-1	EPH	30.04	N/A	ritesh	Evelyn	2	H		4
Q3586-02	SED-2	EPH	30.08	N/A	ritesh	Evelyn	2	H		5
Q3586-03	SED-3	EPH	30.07	N/A	ritesh	Evelyn	2	H		6
Q3586-03DUP	SED-3DUP	EPH	30.05	N/A	ritesh	Evelyn	2	H		U3-1
Q3586-03MS	SED-3MS	EPH	30.03	N/A	ritesh	Evelyn	2	H		2
Q3586-03MSD	SED-3MSD	EPH	30.01	N/A	ritesh	Evelyn	2	H		3
Q3618-01	EME-TOP-SOIL	EPH	30.06	N/A	ritesh	Evelyn	2	E		4
Q3618-02	EME-GENERAL-FILL	EPH	30.09	N/A	ritesh	Evelyn	2	F		5

RS 11/17

* **Extracts relinquished on the same date as received.**

Q3586 11/05/25 8:38

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3586 **WorkList ID :** 193150 **Department :** Extraction **Date :** 11-17-2025 08:34:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3586-01	SED-1	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3586-02	SED-2	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3586-03	SED-3	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3618-01	EME-TOP-SOIL	Solid	EPH	Cool 4 deg C	ENTA05	D41	11/12/2025	NJEPH
Q3618-02	EME-GENERAL-FILL	Solid	EPH	Cool 4 deg C	ENTA05	D41	11/12/2025	NJEPH

696 of 821

Date/Time 11/17/25 8:35
Raw Sample Received by: RJ (ExtLab)
Raw Sample Relinquished by: [signature]

Date/Time 11/17/25 8:50
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (ExtLab)

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
			EPH	NJEPH		11/17/25	11/20/25	

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.: Q3586 **Order ID:** Q3586

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SED-1								
Q3586-01	SED-1	SOIL	Aluminum	11200		1.20	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Antimony	0.75	J	0.32	3.58	mg/Kg
Q3586-01	SED-1	SOIL	Arsenic	5.33		0.27	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Barium	15.8		1.05	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Beryllium	0.94		0.036	0.43	mg/Kg
Q3586-01	SED-1	SOIL	Calcium	1040		15.9	143	mg/Kg
Q3586-01	SED-1	SOIL	Chromium	19.4		0.067	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Cobalt	7.09		0.14	2.15	mg/Kg
Q3586-01	SED-1	SOIL	Copper	10.8		0.32	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Iron	23500		5.71	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Lead	10.3		0.19	0.86	mg/Kg
Q3586-01	SED-1	SOIL	Magnesium	3630		17.2	143	mg/Kg
Q3586-01	SED-1	SOIL	Manganese	149		0.20	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Nickel	16.4		0.19	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Potassium	1180		39.7	143	mg/Kg
Q3586-01	SED-1	SOIL	Selenium	0.59	J	0.37	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Silver	3.16		0.17	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Sodium	1060		25.5	143	mg/Kg
Q3586-01	SED-1	SOIL	Vanadium	32.8		0.36	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Zinc	48.9		0.33	2.86	mg/Kg
Client ID : SED-2								
Q3586-02	SED-2	SOIL	Aluminum	11000		1.80	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Antimony	6.15		0.47	5.34	mg/Kg
Q3586-02	SED-2	SOIL	Arsenic	12.5		0.41	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Barium	65.0		1.56	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Beryllium	1.18		0.053	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Cadmium	1.83		0.051	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Calcium	2930		23.7	214	mg/Kg
Q3586-02	SED-2	SOIL	Chromium	36.6		0.10	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Cobalt	9.66		0.21	3.21	mg/Kg
Q3586-02	SED-2	SOIL	Copper	69.1		0.47	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Iron	29500		8.53	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Lead	86.5		0.28	1.28	mg/Kg
Q3586-02	SED-2	SOIL	Magnesium	3390		25.7	214	mg/Kg
Q3586-02	SED-2	SOIL	Manganese	204		0.30	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Mercury	0.54		0.018	0.033	mg/Kg
Q3586-02	SED-2	SOIL	Nickel	23.1		0.28	4.28	mg/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q3586 **Order ID:** Q3586

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3586-02	SED-2	SOIL	Potassium	1440		59.2	214	mg/Kg
Q3586-02	SED-2	SOIL	Silver	4.13		0.26	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Sodium	1650		38.0	214	mg/Kg
Q3586-02	SED-2	SOIL	Vanadium	49.3		0.53	4.28	mg/Kg
Q3586-02	SED-2	SOIL	Zinc	150		0.49	4.28	mg/Kg
Client ID :	**SED-3**							
Q3586-03	SED-3	SOIL	Aluminum	17500		1.56	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Antimony	0.45	J	0.41	4.63	mg/Kg
Q3586-03	SED-3	SOIL	Arsenic	9.51		0.35	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Barium	53.5		1.35	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Beryllium	1.51		0.046	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Cadmium	0.48	J	0.044	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Calcium	1880		20.6	185	mg/Kg
Q3586-03	SED-3	SOIL	Chromium	29.8		0.087	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Cobalt	15.7		0.19	2.78	mg/Kg
Q3586-03	SED-3	SOIL	Copper	22.0		0.41	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Iron	26300		7.40	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Lead	20.6		0.24	1.11	mg/Kg
Q3586-03	SED-3	SOIL	Magnesium	6130		22.2	185	mg/Kg
Q3586-03	SED-3	SOIL	Manganese	224		0.26	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Mercury	0.026		0.014	0.025	mg/Kg
Q3586-03	SED-3	SOIL	Nickel	32.3		0.24	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Potassium	2290		51.3	185	mg/Kg
Q3586-03	SED-3	SOIL	Silver	3.25		0.22	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Sodium	3100		33.0	185	mg/Kg
Q3586-03	SED-3	SOIL	Vanadium	43.2		0.46	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Zinc	76.6		0.43	3.71	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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	62.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11200		1	1.20	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-36-0	Antimony	0.75	JN	1	0.32	3.58	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-38-2	Arsenic	5.33		1	0.27	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-39-3	Barium	15.8		1	1.05	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-41-7	Beryllium	0.94		1	0.036	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-43-9	Cadmium	0.034	U	1	0.034	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-70-2	Calcium	1040		1	15.9	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-47-3	Chromium	19.4		1	0.067	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-48-4	Cobalt	7.09		1	0.14	2.15	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-50-8	Copper	10.8	N*	1	0.32	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-89-6	Iron	23500		1	5.71	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-92-1	Lead	10.3		1	0.19	0.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-95-4	Magnesium	3630		1	17.2	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-96-5	Manganese	149		1	0.20	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-97-6	Mercury	0.010	U	1	0.010	0.019	mg/Kg	11/11/25 08:40	11/11/25 15:09	7471B	7471B
7440-02-0	Nickel	16.4		1	0.19	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-09-7	Potassium	1180		1	39.7	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7782-49-2	Selenium	0.59	JN	1	0.37	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-22-4	Silver	3.16	N	1	0.17	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-23-5	Sodium	1060	N	1	25.5	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-28-0	Thallium	0.33	U	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-62-2	Vanadium	32.8	N	1	0.36	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-66-6	Zinc	48.9	*	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	41.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	1.80	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-36-0	Antimony	6.15	N	1	0.47	5.34	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-38-2	Arsenic	12.5		1	0.41	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-39-3	Barium	65.0		1	1.56	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-41-7	Beryllium	1.18		1	0.053	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-43-9	Cadmium	1.83		1	0.051	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-70-2	Calcium	2930		1	23.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-47-3	Chromium	36.6		1	0.10	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-48-4	Cobalt	9.66		1	0.21	3.21	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-50-8	Copper	69.1	N*	1	0.47	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-89-6	Iron	29500		1	8.53	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-92-1	Lead	86.5		1	0.28	1.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-95-4	Magnesium	3390		1	25.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-96-5	Manganese	204		1	0.30	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-97-6	Mercury	0.54		1	0.018	0.033	mg/Kg	11/11/25 08:40	11/11/25 15:11	7471B	7471B
7440-02-0	Nickel	23.1		1	0.28	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-09-7	Potassium	1440		1	59.2	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7782-49-2	Selenium	0.56	UN	1	0.56	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-22-4	Silver	4.13	N	1	0.26	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-23-5	Sodium	1650	N	1	38.0	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-28-0	Thallium	0.49	U	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-62-2	Vanadium	49.3	N	1	0.53	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-66-6	Zinc	150	*	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050

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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	50.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17500		1	1.56	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-36-0	Antimony	0.45	JN	1	0.41	4.63	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-38-2	Arsenic	9.51		1	0.35	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-39-3	Barium	53.5		1	1.35	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-41-7	Beryllium	1.51		1	0.046	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-43-9	Cadmium	0.48	J	1	0.044	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-70-2	Calcium	1880		1	20.6	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-47-3	Chromium	29.8		1	0.087	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-48-4	Cobalt	15.7		1	0.19	2.78	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-50-8	Copper	22.0	N*	1	0.41	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-89-6	Iron	26300		1	7.40	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-92-1	Lead	20.6		1	0.24	1.11	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-95-4	Magnesium	6130		1	22.2	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-96-5	Manganese	224		1	0.26	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-97-6	Mercury	0.026		1	0.014	0.025	mg/Kg	11/11/25 08:40	11/11/25 15:13	7471B	7471B
7440-02-0	Nickel	32.3		1	0.24	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-09-7	Potassium	2290		1	51.3	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7782-49-2	Selenium	0.48	UN	1	0.48	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-22-4	Silver	3.25	N	1	0.22	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-23-5	Sodium	3100	N	1	33.0	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-62-2	Vanadium	43.2	N	1	0.46	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-66-6	Zinc	76.6	*	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB109	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:24	LB137851

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:28	LB137851
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:04	LB137851
CCB58	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:32	LB137851
CCB59	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:00	LB137851
CCB60	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:33	LB137851
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:42	LB137851

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
CCB11	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/14/2025	13:45	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	13:45	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	13:45	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	13:45	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Vanadium	8.03	+/-20	J	40.0	P	11/14/2025	13:45	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	13:45	LB137927

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/14/2025	14:37	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	14:37	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	14:37	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	14:37	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
CCB02	Aluminum	11.3	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	15:40	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	15:40	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	15:40	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	15:40	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	15:40	LB137927

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/14/2025	15:40	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	15:40	LB137927

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170491BL		**SOLID**		**Batch Number:**	**PB170491**		**Prep Date:**	**11/11/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	11/11/2025	14:40	LB137851

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170471BL		**SOLID**		**Batch Number:**	**PB170471**		**Prep Date:**	**11/10/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Antimony	0.22	<1.25	U	2.50	P	11/14/2025	15:00	LB137927
	Arsenic	0.19	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Barium	0.73	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Beryllium	0.025	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Cadmium	0.024	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Calcium	11.1	<50	U	100	P	11/14/2025	15:00	LB137927
	Chromium	0.075	<0.25	J	0.50	P	11/14/2025	15:00	LB137927
	Cobalt	0.10	<0.75	U	1.50	P	11/14/2025	15:00	LB137927
	Copper	0.22	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Iron	3.99	<2.5	U*	5.00	P	11/14/2025	15:00	LB137927
	Lead	0.13	<0.3	U	0.60	P	11/14/2025	15:00	LB137927
	Magnesium	12.0	<50	U	100	P	11/14/2025	15:00	LB137927
	Manganese	0.15	<0.5	J	1.00	P	11/14/2025	15:00	LB137927
	Nickel	0.13	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Potassium	27.7	<50	U	100	P	11/14/2025	15:00	LB137927
	Selenium	0.26	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Silver	0.12	<0.25	U	0.50	P	11/14/2025	15:00	LB137927
	Sodium	17.8	<50	U	100	P	11/14/2025	15:00	LB137927
	Thallium	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Vanadium	0.25	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Zinc	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927

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: Remington & Vernick Engineers
SDG No.: Q3586
Contract: REMI02
Lab Code: ACE
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
ICV109	Mercury	4.26	4.0	107	90 - 110	CV	11/11/2025	14:21	LB137851

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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
CCV56	Mercury	5.36	5.0	107	90 - 110	CV	11/11/2025	14:26	LB137851
CCV57	Mercury	4.94	5.0	99	90 - 110	CV	11/11/2025	15:01	LB137851
CCV58	Mercury	5.27	5.0	105	90 - 110	CV	11/11/2025	15:30	LB137851
CCV59	Mercury	4.71	5.0	94	90 - 110	CV	11/11/2025	15:58	LB137851
CCV60	Mercury	4.72	5.0	94	90 - 110	CV	11/11/2025	16:30	LB137851
CCV61	Mercury	4.89	5.0	98	90 - 110	CV	11/11/2025	16:40	LB137851

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

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: Remington & Vernick Engineers
SDG No.: Q3586
Contract: REMI02
Lab Code: ACE
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	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

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: Remington & Vernick Engineers
SDG No.: Q3586
Contract: REMI02
Lab Code: ACE
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
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	7990	8000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Antimony	4070	4000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Arsenic	3980	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Barium	8080	8000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Beryllium	204	200	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cadmium	1960	2000	98	90 - 110	P	11/14/2025	13:37	LB137927
	Calcium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Chromium	816	800	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cobalt	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Copper	1030	1000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Iron	4160	4000	104	90 - 110	P	11/14/2025	13:37	LB137927
	Lead	3880	4000	97	90 - 110	P	11/14/2025	13:37	LB137927
	Magnesium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Manganese	2020	2000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Nickel	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Potassium	20600	20000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Selenium	3990	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Silver	1010	1000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Sodium	21100	20000	106	90 - 110	P	11/14/2025	13:37	LB137927
	Thallium	3800	4000	95	90 - 110	P	11/14/2025	13:37	LB137927
	Vanadium	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Zinc	2030	2000	102	90 - 110	P	11/14/2025	13:37	LB137927

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3586
Contract: REMI02
Lab Code: ACE
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	10300	10000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Antimony	5080	5000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Arsenic	5030	5000	101	90 - 110	P	11/14/2025	14:24	LB137927
	Barium	10400	10000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Beryllium	258	250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Cadmium	2510	2500	100	90 - 110	P	11/14/2025	14:24	LB137927
	Calcium	25800	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Chromium	1020	1000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Cobalt	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Copper	1270	1250	102	90 - 110	P	11/14/2025	14:24	LB137927
	Iron	5190	5000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Lead	5010	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Magnesium	25600	25000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Manganese	2600	2500	104	90 - 110	P	11/14/2025	14:24	LB137927
	Nickel	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Potassium	25700	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Selenium	4990	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Silver	1280	1250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Sodium	26700	25000	107	90 - 110	P	11/14/2025	14:24	LB137927
	Thallium	4660	5000	93	90 - 110	P	11/14/2025	14:24	LB137927
	Vanadium	2560	2500	102	90 - 110	P	11/14/2025	14:24	LB137927
	Zinc	2550	2500	102	90 - 110	P	11/14/2025	14:24	LB137927

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	105	100	105	80 - 120	P	11/14/2025	14:33	LB137927
	Antimony	51.1	50.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Arsenic	23.2	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Barium	101	100	101	80 - 120	P	11/14/2025	14:33	LB137927
	Beryllium	6.62	6.0	110	80 - 120	P	11/14/2025	14:33	LB137927
	Cadmium	6.19	6.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Calcium	2130	2000	106	80 - 120	P	11/14/2025	14:33	LB137927
	Chromium	11.5	10.0	115	80 - 120	P	11/14/2025	14:33	LB137927
	Cobalt	30.9	30.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Copper	22.3	20.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Iron	106	100	106	80 - 120	P	11/14/2025	14:33	LB137927
	Lead	12.0	12.0	100	80 - 120	P	11/14/2025	14:33	LB137927
	Magnesium	2180	2000	109	80 - 120	P	11/14/2025	14:33	LB137927
	Manganese	23.1	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Nickel	40.9	40.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Potassium	1830	2000	92	80 - 120	P	11/14/2025	14:33	LB137927
	Selenium	19.0	20.0	95	80 - 120	P	11/14/2025	14:33	LB137927
	Silver	11.1	10.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Sodium	1790	2000	90	80 - 120	P	11/14/2025	14:33	LB137927
	Thallium	36.4	40.0	91	80 - 120	P	11/14/2025	14:33	LB137927
	Vanadium	42.8	40.0	107	80 - 120	P	11/14/2025	14:33	LB137927
	Zinc	43.9	40.0	110	80 - 120	P	11/14/2025	14:33	LB137927

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: Remington & Vernick Engineers
SDG No.: Q3586
Contract: REMI02
Lab Code: ACE
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	Aluminum	9970	10000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Antimony	4970	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Arsenic	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Barium	9870	10000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Beryllium	249	250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cadmium	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Calcium	24900	25000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Chromium	1000	1000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cobalt	2470	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Copper	1240	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Iron	5050	5000	101	90 - 110	P	11/14/2025	15:37	LB137927
	Lead	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Magnesium	24800	25000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Manganese	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Nickel	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Potassium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Selenium	4980	5000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Silver	1250	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Sodium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Thallium	4740	5000	95	90 - 110	P	11/14/2025	15:37	LB137927
	Vanadium	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927
	Zinc	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRA	Mercury	0.16	0.2	80	70 - 130	CV	11/11/2025	14:33	LB137851
CRI01	Aluminum	88.9	100	89	65 - 135	P	11/14/2025	14:00	LB137927
	Antimony	52.1	50.0	104	65 - 135	P	11/14/2025	14:00	LB137927
	Arsenic	19.0	20.0	95	65 - 135	P	11/14/2025	14:00	LB137927
	Barium	94.7	100	95	65 - 135	P	11/14/2025	14:00	LB137927
	Beryllium	6.49	6.0	108	65 - 135	P	11/14/2025	14:00	LB137927
	Cadmium	6.05	6.0	101	65 - 135	P	11/14/2025	14:00	LB137927
	Calcium	2080	2000	104	65 - 135	P	11/14/2025	14:00	LB137927
	Chromium	10.9	10.0	109	65 - 135	P	11/14/2025	14:00	LB137927
	Cobalt	30.7	30.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Copper	22.8	20.0	114	65 - 135	P	11/14/2025	14:00	LB137927
	Iron	125	100	124	65 - 135	P	11/14/2025	14:00	LB137927
	Lead	11.7	12.0	98	65 - 135	P	11/14/2025	14:00	LB137927

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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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	2170	2000	109	65 - 135	P	11/14/2025	14:00	LB137927
	Manganese	23.0	20.0	115	65 - 135	P	11/14/2025	14:00	LB137927
	Nickel	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Potassium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Selenium	14.3	20.0	72	65 - 135	P	11/14/2025	14:00	LB137927
	Silver	10.2	10.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Sodium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Thallium	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Vanadium	39.2	40.0	98	65 - 135	P	11/14/2025	14:00	LB137927
	Zinc	43.8	40.0	110	65 - 135	P	11/14/2025	14:00	LB137927

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

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	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

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	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841
ICSA01	Aluminum	253000	255000	99	216000	294000	11/14/2025	14:07	LB137927
	Antimony	-7.58			-50	50	11/14/2025	14:07	LB137927
	Arsenic	3.15			-20	20	11/14/2025	14:07	LB137927
	Barium	6.16	6.0	103	-94	106	11/14/2025	14:07	LB137927
	Beryllium	1.09			-6	6	11/14/2025	14:07	LB137927
	Cadmium	0.11	1.0	11	-5	7	11/14/2025	14:07	LB137927
	Calcium	246000	245000	100	208000	282000	11/14/2025	14:07	LB137927
	Chromium	54.4	52.0	105	42	62	11/14/2025	14:07	LB137927
	Cobalt	1.69			-30	30	11/14/2025	14:07	LB137927
	Copper	-0.30	2.0	15	-18	22	11/14/2025	14:07	LB137927
	Iron	103000	101000	102	85600	116500	11/14/2025	14:07	LB137927
	Lead	-0.37			-12	12	11/14/2025	14:07	LB137927
	Magnesium	255000	255000	100	216000	294000	11/14/2025	14:07	LB137927
	Manganese	10.8	7.0	154	-13	27	11/14/2025	14:07	LB137927
	Nickel	5.80	2.0	290	-38	42	11/14/2025	14:07	LB137927
	Potassium	-331			0	0	11/14/2025	14:07	LB137927
	Selenium	5.07			-20	20	11/14/2025	14:07	LB137927
	Silver	-6.88			-10	10	11/14/2025	14:07	LB137927
	Sodium	-564			0	0	11/14/2025	14:07	LB137927
	Thallium	18.4			-40	40	11/14/2025	14:07	LB137927
	Vanadium	2.27			-40	40	11/14/2025	14:07	LB137927
	Zinc	3.54			-40	40	11/14/2025	14:07	LB137927
ICSAB01	Aluminum	252000	247000	102	209000	285000	11/14/2025	14:11	LB137927
	Antimony	614	618	99	525	711	11/14/2025	14:11	LB137927
	Arsenic	116	104	112	88.4	120	11/14/2025	14:11	LB137927
	Barium	515	537	96	437	637	11/14/2025	14:11	LB137927
	Beryllium	526	495	106	420	570	11/14/2025	14:11	LB137927
	Cadmium	1040	972	107	826	1120	11/14/2025	14:11	LB137927
	Calcium	244000	235000	104	199000	271000	11/14/2025	14:11	LB137927
	Chromium	587	542	108	460	624	11/14/2025	14:11	LB137927
	Cobalt	524	476	110	404	548	11/14/2025	14:11	LB137927
	Copper	502	511	98	434	588	11/14/2025	14:11	LB137927
	Iron	105000	99300	106	84400	114500	11/14/2025	14:11	LB137927
	Lead	54.1	49.0	110	37	61	11/14/2025	14:11	LB137927
	Magnesium	255000	248000	103	210000	286000	11/14/2025	14:11	LB137927
	Manganese	518	507	102	430	584	11/14/2025	14:11	LB137927
	Nickel	1050	954	110	810	1100	11/14/2025	14:11	LB137927
	Potassium	-651			0	0	11/14/2025	14:11	LB137927
	Selenium	52.4	46.0	114	26	66	11/14/2025	14:11	LB137927
	Silver	199	201	99	170	232	11/14/2025	14:11	LB137927

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

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	-793			0	0	11/14/2025	14:11	LB137927
	Thallium	133	108	123	68	148	11/14/2025	14:11	LB137927
	Vanadium	506	491	103	417	565	11/14/2025	14:11	LB137927
	Zinc	1070	952	112	809	1095	11/14/2025	14:11	LB137927

METAL QC DATA

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3581-01 **client id:** VNJ-238MS

Percent Solids for Sample: 85.7 **Spiked ID:** Q3581-01MS **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13100		12600		100	502		P
Antimony	mg/Kg	75 - 125	15.7		1.00	J	40.6	36	N	P
Arsenic	mg/Kg	75 - 125	39.2		7.97		40.6	77		P
Barium	mg/Kg	75 - 125	58.5		54.6		10.1	39		P
Beryllium	mg/Kg	75 - 125	9.54		1.56		10.1	79		P
Cadmium	mg/Kg	75 - 125	11.1		0.62		10.1	104		P
Calcium	mg/Kg	75 - 125	1450		1550		50.7	-181		P
Chromium	mg/Kg	75 - 125	38.0		20.9		20.3	84		P
Cobalt	mg/Kg	75 - 125	25.9		15.7		10.1	101		P
Copper	mg/Kg	75 - 125	27.9		16.8		15.2	73	N	P
Iron	mg/Kg	75 - 125	29600		32700		150	-2023		P
Lead	mg/Kg	75 - 125	79.8		31.9		50.7	94		P
Magnesium	mg/Kg	75 - 125	3660		3680		100	-18		P
Manganese	mg/Kg	75 - 125	315		372		10.1	-565		P
Nickel	mg/Kg	75 - 125	53.5		27.4		25.4	103		P
Potassium	mg/Kg	75 - 125	1660		1130		510	105		P
Selenium	mg/Kg	75 - 125	74.3		1.10	U	100	74	N	P
Silver	mg/Kg	75 - 125	6.94		4.28		3.8	70	N	P
Sodium	mg/Kg	75 - 125	338		236		150	68	N	P
Thallium	mg/Kg	75 - 125	86.5		2.20	U	100	86		P
Vanadium	mg/Kg	75 - 125	33.8		23.3		15.2	69	N	P
Zinc	mg/Kg	75 - 125	105		98.6		10.1	61		P

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3581-01 **client id:** VNJ-238MSD

Percent Solids for Sample: 85.7 **Spiked ID:** Q3581-01MSD **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13500		12600		110	836		P
Antimony	mg/Kg	75 - 125	16.7		1.00	J	43.6	36	N	P
Arsenic	mg/Kg	75 - 125	41.7		7.97		43.6	77		P
Barium	mg/Kg	75 - 125	62.7		54.6		10.9	74		P
Beryllium	mg/Kg	75 - 125	10.5		1.56		10.9	82		P
Cadmium	mg/Kg	75 - 125	11.8		0.62		10.9	102		P
Calcium	mg/Kg	75 - 125	1530		1550		54.5	-24		P
Chromium	mg/Kg	75 - 125	40.3		20.9		21.8	89		P
Cobalt	mg/Kg	75 - 125	26.9		15.7		10.9	103		P
Copper	mg/Kg	75 - 125	42.0		16.8		16.4	154	N	P
Iron	mg/Kg	75 - 125	29900		32700		160	-1754		P
Lead	mg/Kg	75 - 125	95.2		31.9		54.5	116		P
Magnesium	mg/Kg	75 - 125	3830		3680		110	140		P
Manganese	mg/Kg	75 - 125	312		372		10.9	-548		P
Nickel	mg/Kg	75 - 125	60.1		27.4		27.3	120		P
Potassium	mg/Kg	75 - 125	1680		1130		550	100		P
Selenium	mg/Kg	75 - 125	80.8		1.10	U	110	74	N	P
Silver	mg/Kg	75 - 125	7.11		4.28		4.1	69	N	P
Sodium	mg/Kg	75 - 125	357		236		160	76		P
Thallium	mg/Kg	75 - 125	94.9		2.20	U	110	86		P
Vanadium	mg/Kg	75 - 125	35.2		23.3		16.4	72	N	P
Zinc	mg/Kg	75 - 125	169		98.6		10.9	648		P

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3597-10 **client id:** TP-4MS

Percent Solids for Sample: 97.8 **Spiked ID:** Q3597-10MS **Percent Solids for Spike Sample:** 97.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.014	U	0.26	91		CV

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3597-10 **client id:** TP-4MSD

Percent Solids for Sample: 97.8 **Spiked ID:** Q3597-10MSD **Percent Solids for Spike Sample:** 97.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.014	U	0.27	82		CV

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

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** VNJ-238A

Sample ID: Q3581-01 **Spiked ID:** Q3581-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	35.8		1.00	J	44.0	79		P
Copper	mg/Kg	75 - 125	30.3		16.8		16.5	82		P
Selenium	mg/Kg	75 - 125	85.8		1.10	U	110	78		P
Silver	mg/Kg	75 - 125	7.46		4.28		4.10	77		P
Sodium	mg/Kg	75 - 125	338		236		170	60	N	P
Vanadium	mg/Kg	75 - 125	35.6		23.3		16.5	74	N	P

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

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3581-01 **Client ID:** VNJ-238DUP

Percent Solids for Sample: 85.7 **Duplicate ID** Q3581-01DUP **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	12600		12300		2		P
Antimony	mg/Kg	20	1.00	J	0.86	J	16		P
Arsenic	mg/Kg	20	7.97		7.74		3		P
Barium	mg/Kg	20	54.6		53.7		2		P
Beryllium	mg/Kg	20	1.56		1.49		5		P
Cadmium	mg/Kg	20	0.62		0.60		4		P
Calcium	mg/Kg	20	1550		1520		2		P
Chromium	mg/Kg	20	20.9		20.4		2		P
Cobalt	mg/Kg	20	15.7		15.3		3		P
Copper	mg/Kg	20	16.8		16.2		4		P
Iron	mg/Kg	20	32700		32100		2		P
Lead	mg/Kg	20	31.9		31.2		2		P
Magnesium	mg/Kg	20	3680		3600		2		P
Manganese	mg/Kg	20	372		364		2		P
Nickel	mg/Kg	20	27.4		26.7		3		P
Potassium	mg/Kg	20	1130		1100		3		P
Selenium	mg/Kg	20	1.10	U	1.09	U			P
Silver	mg/Kg	20	4.28		4.38		2		P
Sodium	mg/Kg	20	236		219		7		P
Thallium	mg/Kg	20	2.20	U	2.18	U			P
Vanadium	mg/Kg	20	23.3		22.6		3		P
Zinc	mg/Kg	20	98.6		95.5		3		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: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3581-01MS **Client ID:** VNJ-238MSD

Percent Solids for Sample: 85.7 **Duplicate ID** Q3581-01MSD **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	13100		13500		3		P
Antimony	mg/Kg	20	15.7		16.7		6		P
Arsenic	mg/Kg	20	39.2		41.7		6		P
Barium	mg/Kg	20	58.5		62.7		7		P
Beryllium	mg/Kg	20	9.54		10.5		10		P
Cadmium	mg/Kg	20	11.1		11.8		6		P
Calcium	mg/Kg	20	1450		1530		5		P
Chromium	mg/Kg	20	38.0		40.3		6		P
Cobalt	mg/Kg	20	25.9		26.9		4		P
Copper	mg/Kg	20	27.9		42.0		40	*	P
Iron	mg/Kg	20	29600		29900		1		P
Lead	mg/Kg	20	79.8		95.2		18		P
Magnesium	mg/Kg	20	3660		3830		5		P
Manganese	mg/Kg	20	315		312		1		P
Nickel	mg/Kg	20	53.5		60.1		12		P
Potassium	mg/Kg	20	1660		1680		1		P
Selenium	mg/Kg	20	74.3		80.8		8		P
Silver	mg/Kg	20	6.94		7.11		2		P
Sodium	mg/Kg	20	338		357		5		P
Thallium	mg/Kg	20	86.5		94.9		9		P
Vanadium	mg/Kg	20	33.8		35.2		4		P
Zinc	mg/Kg	20	105		169		47	*	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: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3597-10 **Client ID:** TP-4DUP

Percent Solids for Sample: 97.8 **Duplicate ID** Q3597-10DUP **Percent Solids for Spike Sample:** 97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.014	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: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3597-10MS **Client ID:** TP-4MSD

Percent Solids for Sample: 97.8 **Duplicate ID** Q3597-10MSD **Percent Solids for Spike Sample:** 97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.24		0.22		7		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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170471BS							
Aluminum	mg/Kg	100	100		100	80 - 120	P
Antimony	mg/Kg	40.0	40.1		100	80 - 120	P
Arsenic	mg/Kg	40.0	38.4		96	80 - 120	P
Barium	mg/Kg	10.0	9.73		97	80 - 120	P
Beryllium	mg/Kg	10.0	10.3		103	80 - 120	P
Cadmium	mg/Kg	10.0	9.50		95	80 - 120	P
Calcium	mg/Kg	50.0	53.5	J	107	80 - 120	P
Chromium	mg/Kg	20.0	20.1		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.76		98	80 - 120	P
Copper	mg/Kg	15.0	15.3		102	80 - 120	P
Iron	mg/Kg	150	154		103	80 - 120	P
Lead	mg/Kg	50.0	46.8		94	80 - 120	P
Magnesium	mg/Kg	100	98.4	J	98	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.5		98	80 - 120	P
Potassium	mg/Kg	500	530		106	80 - 120	P
Selenium	mg/Kg	100	97.7		98	80 - 120	P
Silver	mg/Kg	3.8	3.88		102	80 - 120	P
Sodium	mg/Kg	150	168		112	80 - 120	P
Thallium	mg/Kg	100	91.8		92	80 - 120	P
Vanadium	mg/Kg	15.0	15.5		103	80 - 120	P
Zinc	mg/Kg	10.0	10.3		104	80 - 120	P

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

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170491BS							
Mercury	mg/Kg	0.28	0.30		106	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.

VNJ-238L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3581-01L **SDG No.:** Q3586

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	12600		14500		15		P
Antimony	1.00	J	13.8	U	100.0		P
Arsenic	7.97		8.88		11		P
Barium	54.6		61.7		13		P
Beryllium	1.56		1.83		17		P
Cadmium	0.62		1.65	U	100.0		P
Calcium	1550		1790		16		P
Chromium	20.9		24.5		17		P
Cobalt	15.7		14.5		8		P
Copper	16.8		20.8		24		P
Iron	32700		37500		15		P
Lead	31.9		29.8		7		P
Magnesium	3680		4290		17		P
Manganese	372		434		17		P
Nickel	27.4		25.7		6		P
Potassium	1130		1050		7		P
Selenium	1.10	U	1.80	J	100.0		P
Silver	4.28		4.93		15		P
Sodium	236		550	U	100.0		P
Thallium	2.20	U	11.0	U			P
Vanadium	23.3		24.8		6		P
Zinc	98.6		117		18		P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

TP-4L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137851 **Lab Sample ID :** Q3597-10L **SDG No.:** Q3586

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	0.014	U	0.068	U			CV

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3586

Instrument id number: **Method:** **Run number:** LB137841

Start date: 11/10/2025 **End date:** 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	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	1124	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	1128	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	1132	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	1137	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	1141	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	1145	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	1157	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	1211	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	1216	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	1221	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	1226	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	1238	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	1242	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	1328	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	1354	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	1446	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	1450	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	1544	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	1547	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	1635	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	1638	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	1727	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	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-01	SED-1	1	1906	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-02	SED-2	1	1910	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	1914	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	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-03	SED-3	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01DUP	VNJ-238DUP	1	1942	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01L	VNJ-238L	5	1946	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MS	VNJ-238MS	1	1950	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MSD	VNJ-238MSD	1	1954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01A	VNJ-238A	1	1958	Ag,Cu,Na,Sb,Se,V
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	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: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3586

Instrument id number: **Method:** **Run number:** LB137841

Start date: 11/10/2025 **End date:** 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB11	CCB11	1	2334	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: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3586

Instrument id number: **Method:** **Run number:** LB137851

Start date: 11/11/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1407	HG
S0.2	S0.2	1	1409	HG
S2.5	S2.5	1	1411	HG
S5	S5	1	1414	HG
S7.5	S7.5	1	1416	HG
S10	S10	1	1418	HG
ICV109	ICV109	1	1421	HG
ICB109	ICB109	1	1424	HG
CCV56	CCV56	1	1426	HG
CCB56	CCB56	1	1428	HG
CRA	CRA	1	1433	HG
PB170491BL	PB170491BL	1	1440	HG
PB170491BS	PB170491BS	1	1448	HG
CCV57	CCV57	1	1501	HG
CCB57	CCB57	1	1504	HG
Q3586-01	SED-1	1	1509	HG
Q3586-02	SED-2	1	1511	HG
Q3586-03	SED-3	1	1513	HG
CCV58	CCV58	1	1530	HG
CCB58	CCB58	1	1532	HG
Q3597-10DUP	TP-4DUP	1	1537	HG
Q3597-10MS	TP-4MS	1	1539	HG
Q3597-10MSD	TP-4MSD	1	1541	HG
CCV59	CCV59	1	1558	HG
CCB59	CCB59	1	1600	HG
Q3597-10L	TP-4L	5	1623	HG
CCV60	CCV60	1	1630	HG
CCB60	CCB60	1	1633	HG
CCV61	CCV61	1	1640	HG
CCB61	CCB61	1	1642	HG

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3586

Instrument id number: **Method:** **Run number:** LB137927

Start date: 11/14/2025 **End date:** 11/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1251	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	1255	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	1300	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	1304	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	1308	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	1312	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	1337	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	1345	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	1400	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	1407	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	1411	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	1424	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	1433	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	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BL	PB170471BL	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BS	PB170471BS	1	1505	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	1537	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	1540	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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE

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

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	

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: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170471**						
PB170471BL	PB170471BL	MB	SOLID	11/10/2025	2.00	100.0	100.00
PB170471BS	PB170471BS	LCS	SOLID	11/10/2025	2.00	100.0	100.00
Q3581-01DUP	VNJ-238DUP	DUP	SOLID	11/10/2025	2.14	100.0	85.70
Q3581-01MS	VNJ-238MS	MS	SOLID	11/10/2025	2.30	100.0	85.70
Q3581-01MSD	VNJ-238MSD	MSD	SOLID	11/10/2025	2.14	100.0	85.70
Q3586-01	SED-1	SAM	SOLID	11/10/2025	2.22	100.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/10/2025	2.26	100.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/10/2025	2.12	100.0	50.90

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170491**						
PB170491BL	PB170491BL	MB	SOLID	11/11/2025	0.50	35.0	100.00
PB170491BS	PB170491BS	LCS	SOLID	11/11/2025	0.50	35.0	100.00
Q3586-01	SED-1	SAM	SOLID	11/11/2025	0.60	35.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/11/2025	0.51	35.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/11/2025	0.54	35.0	50.90
Q3597-10DUP	TP-4DUP	DUP	SOLID	11/11/2025	0.53	35.0	97.80
Q3597-10MS	TP-4MS	MS	SOLID	11/11/2025	0.55	35.0	97.80
Q3597-10MSD	TP-4MSD	MSD	SOLID	11/11/2025	0.53	35.0	97.80

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	12/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MS	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	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 # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/11/25 14:07		mohan	OK
2	S0.2	S0.2	CAL2	11/11/25 14:09		mohan	OK
3	S2.5	S2.5	CAL3	11/11/25 14:11		mohan	OK
4	S5	S5	CAL4	11/11/25 14:14		mohan	OK
5	S7.5	S7.5	CAL5	11/11/25 14:16		mohan	OK
6	S10	S10	CAL6	11/11/25 14:18		mohan	OK
7	ICV109	ICV109	ICV	11/11/25 14:21		mohan	OK
8	ICB109	ICB109	ICB	11/11/25 14:24		mohan	OK
9	CCV56	CCV56	CCV	11/11/25 14:26		mohan	OK
10	CCB56	CCB56	CCB	11/11/25 14:28		mohan	OK
11	CRA	CRA	CRDL	11/11/25 14:33		mohan	OK
12	HighStd	HighStd	HIGH STD	11/11/25 14:36		mohan	OK
13	ChkStd	ChkStd	SAM	11/11/25 14:38		mohan	OK
14	PB170491BL	PB170491BL	MB	11/11/25 14:40		mohan	OK
15	PB170491BS	PB170491BS	LCS	11/11/25 14:48		mohan	OK
16	Q3581-01	VNJ-238	SAM	11/11/25 14:50		mohan	OK
17	Q3581-03	VNJ-245	SAM	11/11/25 14:52		mohan	OK
18	Q3581-05	VNJ-240	SAM	11/11/25 14:54		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 # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

19	Q3581-07	RBR200059	SAM	11/11/25 14:57		mohan	OK
20	Q3582-04	RT4912	SAM	11/11/25 14:59		mohan	OK
21	CCV57	CCV57	CCV	11/11/25 15:01		mohan	OK
22	CCB57	CCB57	CCB	11/11/25 15:04		mohan	OK
23	Q3583-04	CHRT27080	SAM	11/11/25 15:06		mohan	OK
24	Q3586-01	SED-1	SAM	11/11/25 15:09		mohan	OK
25	Q3586-02	SED-2	SAM	11/11/25 15:11		mohan	OK
26	Q3586-03	SED-3	SAM	11/11/25 15:13		mohan	OK
27	Q3587-01	NB-08-110725	SAM	11/11/25 15:15	SPIKE ERROR	mohan	OK
28	Q3588-01	TR-06-11072025	SAM	11/11/25 15:18	SPIKE ERROR	mohan	OK
29	Q3588-03	TR-01-11072025	SAM	11/11/25 15:20		mohan	OK
30	Q3597-01	TP-1	SAM	11/11/25 15:22		mohan	OK
31	Q3597-04	TP-2	SAM	11/11/25 15:25		mohan	OK
32	Q3597-07	TP-3	SAM	11/11/25 15:27		mohan	OK
33	CCV58	CCV58	CCV	11/11/25 15:30		mohan	OK
34	CCB58	CCB58	CCB	11/11/25 15:32		mohan	OK
35	Q3597-10	TP-4	SAM	11/11/25 15:34		mohan	OK
36	Q3597-10DUP	TP-4DUP	DUP	11/11/25 15:37		mohan	OK
37	Q3597-10MS	TP-4MS	MS	11/11/25 15:39		mohan	OK
38	Q3597-10MSD	TP-4MSD	MSD	11/11/25 15:41		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 # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

39	PB170492BL	PB170492BL	MB	11/11/25 15:44		mohan	OK
40	PB170492BS	PB170492BS	LCS	11/11/25 15:46		mohan	OK
41	Q3598-01	EO-CONCRETE	SAM	11/11/25 15:49		mohan	OK
42	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 15:51		mohan	OK
43	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 15:54		mohan	OK
44	Q3601-01	TP-1	SAM	11/11/25 15:56		mohan	OK
45	CCV59	CCV59	CCV	11/11/25 15:58		mohan	OK
46	CCB59	CCB59	CCB	11/11/25 16:00		mohan	OK
47	Q3601-05	TP-2	SAM	11/11/25 16:03		mohan	OK
48	Q3601-09	TP-3	SAM	11/11/25 16:05	Hg high, need dilution	mohan	Dilution
49	Q3601-13	TP-4	SAM	11/11/25 16:07		mohan	OK
50	Q3601-17	TP-5	SAM	11/11/25 16:10		mohan	OK
51	Q3601-17DUP	TP-5DUP	DUP	11/11/25 16:13		mohan	OK
52	Q3601-17MS	TP-5MS	MS	11/11/25 16:19		mohan	OK
53	Q3601-17MSD	TP-5MSD	MSD	11/11/25 16:21		mohan	OK
54	Q3597-10L	TP-4L	SD	11/11/25 16:23		mohan	OK
55	Q3597-10A	TP-4A	PS	11/11/25 16:26		mohan	OK
56	Q3601-17L	TP-5L	SD	11/11/25 16:28		mohan	OK
57	CCV60	CCV60	CCV	11/11/25 16:30		mohan	OK
58	CCB60	CCB60	CCB	11/11/25 16:33		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 # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

59	Q3601-17A	TP-5A	PS	11/11/25 16:35		mohan	OK
60	Q3601-09DL	TP-3DL	SAM	11/11/25 16:37	2X For Hg	mohan	Confirms
61	CCV61	CCV61	CCV	11/11/25 16:40		mohan	OK
62	CCB61	CCB61	CCB	11/11/25 16:42		mohan	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/14/25 12:51		Jaswal	OK
2	S1	S1	CAL2	11/14/25 12:55		Jaswal	OK
3	S2	S2	CAL3	11/14/25 13:00		Jaswal	OK
4	S3	S3	CAL4	11/14/25 13:04		Jaswal	OK
5	S4	S4	CAL5	11/14/25 13:08		Jaswal	OK
6	S5	S5	CAL6	11/14/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	11/14/25 13:37		Jaswal	OK
8	ICB01	ICB01	ICB	11/14/25 13:45		Jaswal	OK
9	CRI01	CRI01	CRDL	11/14/25 14:00		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/14/25 14:07		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/14/25 14:11		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/14/25 14:15		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/14/25 14:20		Jaswal	OK
14	CCV01	CCV01	CCV	11/14/25 14:24		Jaswal	OK
15	LLICV01	LLICV01	LLICV	11/14/25 14:33		Jaswal	OK
16	CCB01	CCB01	CCB	11/14/25 14:37		Jaswal	OK
17	PB170459BL	PB170459BL	MB	11/14/25 14:43		Jaswal	OK
18	PB170459BS	PB170459BS	LCS	11/14/25 14:48		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	PB170471BL	PB170471BL	MB	11/14/25 15:00		Jaswal	OK
20	PB170471BS	PB170471BS	LCS	11/14/25 15:05		Jaswal	OK
21	PB170557BL	PB170557BL	MB	11/14/25 15:09		Jaswal	OK
22	PB170557BS	PB170557BS	LCS	11/14/25 15:13		Jaswal	OK
23	PB170558BL	PB170558BL	MB	11/14/25 15:17		Jaswal	OK
24	PB170558BS	PB170558BS	LCS	11/14/25 15:22		Jaswal	OK
25	Q3628-01	TP-5	SAM	11/14/25 15:28		Jaswal	OK
26	Q3631-01	VNJ-202	SAM	11/14/25 15:32		Jaswal	OK
27	CCV02	CCV02	CCV	11/14/25 15:37		Jaswal	OK
28	CCB02	CCB02	CCB	11/14/25 15:40		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170471

SOP ID :	M3050B-Digestion-20		
SDG No :	N/A	**Start Digest Date:**	11/10/2025 **Time :** 14:40 **Temp :** 96 °C
Matrix :	SOIL	**End Digest Date:**	11/10/2025 **Time :** 16:42 **Temp :** 96 °C
Pippete ID:	ICP A	**Digestion tube ID:**	M6054
Balance ID :	M SC-2	**Block thermometer ID:**	MET-DIG. #2
Filter paper ID :	N/A	**Dig Technician Signature:**	SKJ
pH Strip ID :	N/A	**Supervisor Signature:**	MS
Hood ID :	#3	**Temp :**	**1.** 96°C **2.** N/A
Block ID:	**1.** HOT BLOCK #2 **2.** N/A		

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	M6201
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	M6187
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
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
11/10/25 17:42	SLG metals	ASL - metals Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170471

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170471BL	PBS471	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170471BS	LCS471	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3581-01MS	VNJ-238MS	N/A	2.30	100	Brown	Yellow	Medium	No	M6209,M6201	5
Q3581-01MSD	VNJ-238MSD	N/A	2.14	100	Brown	Yellow	Medium	No	M6209,M6201	6
Q3581-01DUP	VNJ-238DUP	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	4
Q3581-01	VNJ-238	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	3
Q3581-03	VNJ-245	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	7
Q3581-05	VNJ-240	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	8
Q3581-07	RBR200059	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	9
Q3582-04	RT4912	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	10
Q3583-04	CHRT27080	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	11
Q3586-01	SED-1	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	12
Q3586-02	SED-2	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	13
Q3586-03	SED-3	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	14
Q3587-01	NB-08-110725	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	15
Q3588-01	TR-06-11072025	N/A	2.30	100	Brown	Yellow	Medium	No	N/A	16
Q3588-03	TR-01-11072025	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	17

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170491

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/11/2025 **Time :** 08:40 **Temp :** 95 °C

End Digest Date: 11/11/2025 **Time :** 09:10 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: JC

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87923
CCV	30mL	MP87925
CRA	30mL	MP87927
Blank Spike	0.48mL	MP87916
Matrix Spike	0.48mL	MP897916

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5Ml	MP87929
KMnO4 (5%)	4.5mL	MP87634
Hydroxylamine HCL (12%)	2.4mL	MP87635
PTFE Boiling Stones	N/A	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	MP87917
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30Ml	MP87918
2.5 ppb	S2.5	30Ml	MP87919
5.0 ppb	S5.0	30Ml	MP87920
7.5 ppb	S7.5	30mL	MP87921
10.0 ppb	S10.0	30mL	MP87922
ICV	ICV	30Ml	MP87923
ICB	ICB	30Ml	MP87924
CCV	CCV	30Ml	MP87925
CCB	CCB	30Ml	MP87926
CRI	CRI	30Ml	MP87927
CHK STD	CHK STD	30Ml	MP87928

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25 @ 9:45	MB - 115 Lab	MB - Metal Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170491

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170491BL	PBS491	0.50	35	N/A	N/A	3-1
PB170491BS	LCS491	0.50	35	N/A	MP87916	2
Q3581-01	VNJ-238	0.52	35	N/A	N/A	3
Q3581-03	VNJ-245	0.53	35	N/A	N/A	4
Q3581-05	VNJ-240	0.60	35	N/A	N/A	5
Q3581-07	RBR200059	0.52	35	N/A	N/A	6
Q3582-04	RT4912	0.52	35	N/A	N/A	7
Q3583-04	CHRT27080	0.57	35	N/A	N/A	8
Q3586-01	SED-1	0.60	35	N/A	N/A	9
Q3586-02	SED-2	0.51	35	N/A	N/A	10
Q3586-03	SED-3	0.54	35	N/A	N/A	11
Q3587-01	NB-08-110725	0.58	35	N/A	N/A	12
Q3588-01	TR-06-11072025	0.51	35	N/A	N/A	13
Q3588-03	TR-01-11072025	0.60	35	N/A	N/A	14
Q3597-01	TP-1	0.54	35	N/A	N/A	15
Q3597-04	TP-2	0.51	35	N/A	N/A	16
Q3597-07	TP-3	0.58	35	N/A	N/A	17
Q3597-10	TP-4	0.53	35	N/A	N/A	18
Q3597-10DUP	TP-4DUP	0.53	35	N/A	N/A	19
Q3597-10MS	TP-4MS	0.55	35	N/A	MP87916	20
Q3597-10MSD	TP-4MSD	0.53	35	N/A	MP87916	21

SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25 14:15
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
		% Solid:	62.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.065	U	1	0.065	0.39	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.11	U	1	0.11	0.62	mg/Kg	11/10/25 09:10	11/10/25 12:45	7196A

Comments:

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
H = Sample Analysis Out Of Hold Time

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:	Remington & Vernick Engineers	Date Collected:	11/06/25 12:40
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
		% Solid:	41.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.10	U	1	0.10	0.60	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.17	U	1	0.17	0.96	mg/Kg	11/10/25 09:10	11/10/25 12:46	7196A

Comments:

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
H = Sample Analysis Out Of Hold Time

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:	Remington & Vernick Engineers	Date Collected:	11/06/25 11:55
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
		% Solid:	50.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.081	U	1	0.081	0.48	mg/Kg	11/10/25 08:15	11/10/25 14:47	9012B
Hexavalent Chromium	0.14	U	1	0.14	0.78	mg/Kg	11/10/25 09:10	11/10/25 12:46	7196A

Comments:

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
H = Sample Analysis Out Of Hold Time

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

QC RESULT SUMMARY

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

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **RunNo.:** LB137839

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	11/10/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	11/10/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	11/10/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	11/10/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	11/10/2025

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

Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3586
Project:	Edison Landfill	**RunNo.:**	LB137840

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.096	0.099	97	90-110	11/10/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID:	**CCV3**						
Cyanide		mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID:	**CCV4**						
Cyanide		mg/L	0.25	0.25	100	90-110	11/10/2025

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

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **RunNo.:** LB137839

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/10/2025

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

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill **RunNo.:** LB137840

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID:	CCB4							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025

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

Preparation Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3586

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170464BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	11/10/2025
Sample ID: PB170470BL							
Cyanide	mg/Kg	< 0.1250	0.1250	U	0.042	0.25	11/10/2025

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

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3560-01
Client ID: SY-10DMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	1.90		0.047	U	1.96078	1	97		11/10/2025

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

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3560-01
Client ID: SY-10DMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	2.00		0.047	U	1.94175	1	103		11/10/2025

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

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3562-01
Client ID: EO-03-110625MS
Percent Solids for Spike Sample: 92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1340		0.075	U	1390	40	96		11/10/2025

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

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3562-01
Client ID: EO-03-110625MS
Percent Solids for Spike Sample: 92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	41.3		0.075	U	43.4	2	95		11/10/2025

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

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3562-01
Client ID: EO-03-110625MS
Percent Solids for Spike Sample: 92.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	38.0		0.075	U	43.4	2	88		11/10/2025

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

Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3560-01
Client ID: SY-10DDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.047	U	0.047	U	1	0		11/10/2025

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

Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3560-01
Client ID: SY-10DMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	1.90		2.00		1	5		11/10/2025

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

Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3586
Project: Edison Landfill
Sample ID: Q3562-01
Client ID: EO-03-110625DUP
Percent Solids for Spike Sample: 92.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.075	U	0.075	U	1	0		11/10/2025

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

Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3586
Project:	Edison Landfill	**Run No.:**	LB137839

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170464BS								
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	11/10/2025

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

Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3586
Project:	Edison Landfill	**Run No.:**	LB137840

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB170470BS**								
Cyanide	mg/Kg	5	4.90		98	1	85-115	11/10/2025

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115554,WP115340,WP115339,WP115587,WP114310

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/10/25 12:30		rubina	OK
2	CAL2	CAL2	CAL	11/10/25 12:30		rubina	OK
3	CAL3	CAL3	CAL	11/10/25 12:31		rubina	OK
4	CAL4	CAL4	CAL	11/10/25 12:31		rubina	OK
5	CAL5	CAL5	CAL	11/10/25 12:32		rubina	OK
6	CAL6	CAL6	CAL	11/10/25 12:32		rubina	OK
7	CAL7	CAL7	CAL	11/10/25 12:33		rubina	OK
8	ICV	ICV	ICV	11/10/25 12:33		rubina	OK
9	ICB	ICB	ICB	11/10/25 12:34		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 12:34		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 12:35		rubina	OK
12	RL Check	RL Check	RL	11/10/25 12:35		rubina	OK
13	PB170464BL	PB170464BL	MB	11/10/25 12:36		rubina	OK
14	PB170464BS	PB170464BS	LCS	11/10/25 12:36		rubina	OK
15	Q3530-03	MDL-SOIL-03-QT4-20	SAM	11/10/25 12:37		rubina	OK
16	Q3562-01	EO-03-110625	SAM	11/10/25 12:37		rubina	OK
17	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 12:38		rubina	OK
18	Q3562-01MSPre	EO-03-110625MS	MS	11/10/25 12:38		rubina	OK

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115554,WP115340,WP115339,WP115587,WP114310

19	Q3562-01MS2Ins	EO-03-110625MS	MS	11/10/25 12:39		rubina	OK
20	Q3562-01MS3Post	EO-03-110625MS	MS	11/10/25 12:39		rubina	OK
21	Q3564-01	OR-03-11062025	SAM	11/10/25 12:40		rubina	OK
22	Q3577-01	WC-1A	SAM	11/10/25 12:40		rubina	OK
23	CCV2	CCV2	CCV	11/10/25 12:41		rubina	OK
24	CCB2	CCB2	CCB	11/10/25 12:41		rubina	OK
25	Q3580-01	346	SAM	11/10/25 12:42		rubina	OK
26	Q3581-01	VNJ-238	SAM	11/10/25 12:42		rubina	OK
27	Q3581-03	VNJ-245	SAM	11/10/25 12:43		rubina	OK
28	Q3581-05	VNJ-240	SAM	11/10/25 12:43		rubina	OK
29	Q3581-07	RBR200059	SAM	11/10/25 12:44		rubina	OK
30	Q3582-04	RT4912	SAM	11/10/25 12:44		rubina	OK
31	Q3583-04	CHRT27080	SAM	11/10/25 12:45		rubina	OK
32	Q3586-01	SED-1	SAM	11/10/25 12:45		rubina	OK
33	Q3586-02	SED-2	SAM	11/10/25 12:46		rubina	OK
34	Q3586-03	SED-3	SAM	11/10/25 12:46		rubina	OK
35	CCV3	CCV3	CCV	11/10/25 12:47		rubina	OK
36	CCB3	CCB3	CCB	11/10/25 12:47		rubina	OK
37	Q3587-01	NB-08-110725	SAM	11/10/25 12:48		rubina	OK
38	Q3588-01	TR-06-11072025	SAM	11/10/25 12:48		rubina	OK

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137839

Review By	rubina	Review On	11/10/2025 3:02:02 PM
Supervise By	Iwona	Supervise On	11/12/2025 1:03:38 PM
SubDirectory	LB137839	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115554,WP115340,WP115339,WP115587,WP114310

39	Q3588-03	TR-01-11072025	SAM	11/10/25 12:49		rubina	OK
40	CCV4	CCV4	CCV	11/10/25 12:49		rubina	OK
41	CCB4	CCB4	CCB	11/10/25 12:50		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583
ICV Standard	W3012
CCV Standard	WP115578
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115585

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/10/25 10:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/10/25 10:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/10/25 10:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/10/25 10:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/10/25 10:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/10/25 10:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/10/25 10:56		rubina	OK
8	ICV1	ICV1	ICV	11/10/25 14:17		rubina	OK
9	ICB1	ICB1	ICB	11/10/25 14:17		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 14:17		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 14:17		rubina	OK
12	PB170470BL	PB170470BL	MB	11/10/25 14:17		rubina	OK
13	PB170470BS	PB170470BS	LCS	11/10/25 14:17		rubina	OK
14	LOWPB170440	LOWPB170440	SAM	11/10/25 14:24		rubina	OK
15	HIGHPB170440	HIGHPB170440	SAM	11/10/25 14:24		rubina	OK
16	PB170442BL	PB170442BL	MB	11/10/25 14:24		rubina	OK
17	PB170442BS	PB170442BS	LCS	11/10/25 14:24		rubina	OK
18	Q3560-01	SY-10D	SAM	11/10/25 14:24		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583
ICV Standard	W3012
CCV Standard	WP115578
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115585

19	Q3560-01DUP	SY-10DDUP	DUP	11/10/25 14:32		rubina	OK
20	Q3560-01MS	SY-10DMS	MS	11/10/25 14:32		rubina	OK
21	Q3560-01MSD	SY-10DMSD	MSD	11/10/25 14:32		rubina	OK
22	CCV2	CCV2	CCV	11/10/25 14:32		rubina	OK
23	CCB2	CCB2	CCB	11/10/25 14:32		rubina	OK
24	Q3560-03	SY-10S	SAM	11/10/25 14:32		rubina	OK
25	Q3560-05	SY-10I	SAM	11/10/25 14:32		rubina	OK
26	Q3560-07	SY-12I	SAM	11/10/25 14:39		rubina	OK
27	Q3560-09	SY-12D	SAM	11/10/25 14:39		rubina	OK
28	Q3569-01	MW-2	SAM	11/10/25 14:39		rubina	OK
29	Q3569-02	MW-12	SAM	11/10/25 14:39		rubina	OK
30	Q3580-01	346	SAM	11/10/25 14:39		rubina	OK
31	Q3580-01DUP	346DUP	DUP	11/10/25 14:39		rubina	OK
32	Q3580-01MS	346MS	MS	11/10/25 14:39		rubina	OK
33	Q3580-01MSD	346MSD	MSD	11/10/25 14:40		rubina	OK
34	CCV3	CCV3	CCV	11/10/25 14:40		rubina	OK
35	CCB3	CCB3	CCB	11/10/25 14:47		rubina	OK
36	Q3586-02	SED-2	SAM	11/10/25 14:47		rubina	OK
37	Q3586-03	SED-3	SAM	11/10/25 14:47		rubina	OK
38	Q3587-01	NB-08-110725	SAM	11/10/25 14:47		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137840

Review By	rubina	Review On	11/11/2025 12:55:24 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:08:01 PM
SubDirectory	LB137840	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583
ICV Standard	W3012
CCV Standard	WP115578
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115585

39	Q3588-01	TR-06-11072025	SAM	11/10/25 14:47		rubina	OK
40	Q3588-03	TR-01-11072025	SAM	11/10/25 14:47		rubina	OK
41	Q3586-01	SED-1	SAM	11/10/25 14:47		rubina	OK
42	Q3582-04	RT4912	SAM	11/10/25 15:00		rubina	OK
43	Q3583-04	CHRT27080	SAM	11/10/25 15:05		rubina	OK
44	CCV4	CCV4	CCV	11/10/25 15:05		rubina	OK
45	CCB4	CCB4	CCB	11/10/25 15:05		rubina	OK

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25 14:15**			**11/07/25**
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:45	
Q3586-02	**SED-2**	**SOIL**			**11/06/25 12:40**			**11/07/25**
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:46	
Q3586-03	**SED-3**	**SOIL**			**11/06/25 11:55**			**11/07/25**
			Cyanide	9012B		11/10/25	11/10/25 14:47	
			Hexavalent Chromium	7196A		11/10/25	11/10/25 12:46	

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB170464

11

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 11/10/2025 **Time :** 09:10 **Temp :** 90 °C

End Digest Date: 11/10/2025 **Time :** 10:10 **Temp :** 93 °C

11 batch 11/10/2025 10.50 90c JR
11/10/2025 11.50 95c

Digestion tube ID : M6054

Filter paper ID : 400213

pH Meter ID : WC pH meter-1

Block Thermometer ID : WC-Block#1

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	5.0ML	WP115410
HEX. DIGESTION SOLN.	50.0ML	WP115338
5M HNO3	5-7ML	WP115339
5N H2SO4	1-3ML	WP115340
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	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115586
CAL3	CAL3	0.5ML	WP115586
CAL4	CAL4	1ML	WP115586
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

11/10/2025 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB170464

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170464BL	PBS464	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170464BS	LCS464	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3530-03	MDL-SOIL-03-QT4-2025	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01	EO-03-110625	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01DUP	EO-03-110625DUP	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MSPre	EO-03-110625MSPRE	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MS2Ins	EO-03-110625MS2INS	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3562-01MS3Post	EO-03-110625MS3POST	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3564-01	OR-03-11062025	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3577-01	WC-1A	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01	346	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-01	VNJ-238	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-03	VNJ-245	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-05	VNJ-240	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3581-07	RBR200059	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3582-04	RT4912	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3583-04	CHRT27080	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-01	SED-1	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-02	SED-2	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-03	SED-3	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3587-01	NB-08-110725	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-01	TR-06-11072025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-03	TR-01-11072025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB170470

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : JP

Start Digest Date: 11/10/2025 **Time :** 08:15 **Temp :** 124 °C

End Digest Date: 11/10/2025 **Time :** 09:45 **Temp :** 126 °C

10.15 11.45 124 127

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: JP

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
LOWSTD	LOWSTD	0.1ML	WP113837

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 11.55	JP /WC	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB170470

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170470BL	PBS470	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170470BS	LCS470	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01DUP	346DUP	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01MS	346MS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01MSD	346MSD	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3580-01	346	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3582-04	RT4912	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3583-04	CHRT27080	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-01	SED-1	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-02	SED-2	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3586-03	SED-3	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3587-01	NB-08-110725	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-01	TR-06-11072025	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3588-03	TR-01-11072025	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3586
QUOTE NO.
COC Number 2046943

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington + Vernick Engineers
ADDRESS: 2059 Springdale Rd
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle.Carlson@rve.com
PHONE: 609-682-3019 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill
PROJECT NO.: 1205T007 LOCATION: Edison, NJ
PROJECT MANAGER: Leslie Hartzell
e-mail: Leslie.Hartzell@rve.com
PHONE: 610-663-4665 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvoices@rve.com PO#: 1205T007
ADDRESS: 2059 Springdale Rd
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Leslie Hartzell PHONE: 610-663-4665

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☑ EDD FORMAT NJ HazSite

ANALYSIS

1 TCL/TAL+30
2 EPH
3 Hex Chrome
4 PH MERCAS SVOCs Metals
5 VOCs
6 % Solids
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
								E	E	E	E	F	F				← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	SED-1	S		X	11/6/25	14:15	13	6	1	1	1	3	1				Methanol, DI water
2.	SED-2	S		X	11/6/25	12:40	13	6	1	1	1	3	1				Methanol, DI water
3.	SED-3	S		X	11/6/25	11:55	13	6	1	1	1	3	1				Methanol, DI Water
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Arina Maier	11/7/25 (10:00)	1.
2.	11-7-25 1425	2. JT
3. JT	11·7·25 1720	3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 + 0 = 3.5 °C
Comments:

Page 1 of 1
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

Copyright © 2024
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3586 REMI02
Client Name : Remington & Vernick Engi
Client Contact : Kyle Carlson
Invoice Name : Remington & Vernick Engi
Invoice Contact : Kyle Carlson

Order Date : 11/7/2025 3:20:00 PM
Project Name : Edison Landfill
Receive DateTime : 11/7/2025 ~~12:00:00 AM~~ 17:20
Purchase Order :

Project Mgr :
Report Type : 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
Q3586-01	SED-1	Solid	11/06/2025	14:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3586-02	SED-2	Solid	11/06/2025	12:40					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3586-03	SED-3	Solid	11/06/2025	11:55					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days

Stored in VOA FRZ #02 & Ref # 06

Relinguished By :
Date / Time : 11/10/25 12:35

Received By :
Date / Time : 11/10/25 10:35

Storage Area : VOA Refridgerator Room