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.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-2**								
Q3569-01	MW-2	Water	Acetone		8.20		1.50	5.00	ug/L
Q3569-01	MW-2	Water	Carbon Disulfide		2.40		0.21	1.00	ug/L
Q3569-01	MW-2	Water	Benzene		17.5		0.15	1.00	ug/L
Q3569-01	MW-2	Water	Chlorobenzene		66.0		0.12	1.00	ug/L
Q3569-01	MW-2	Water	Isopropylbenzene		5.90		0.12	1.00	ug/L
			Total Voc :		100				
Q3569-01	MW-2	Water	Tetrahydrofuran	*	150	J	0.99	5.00	ug/L
Q3569-01	MW-2	Water	Tert butyl alcohol	*	42.6	J	5.50	25.0	ug/L
Q3569-01	MW-2	Water	Diethyl Ether	*	58.4	J	0.31	1.00	ug/L
Q3569-01	MW-2	Water	Diisopropyl ether	*	36.7	J	0.15	1.00	ug/L
			Total Tics :		288				
			Total Concentration:		388				
Client ID:	**MW-12**								
Q3569-02	MW-12	Water	Acetone		4.90	J	1.50	5.00	ug/L
Q3569-02	MW-12	Water	Methyl tert-butyl Ether		0.55	J	0.16	1.00	ug/L
Q3569-02	MW-12	Water	Benzene		79.2		0.15	1.00	ug/L
Q3569-02	MW-12	Water	Toluene		0.52	J	0.14	1.00	ug/L
Q3569-02	MW-12	Water	Chlorobenzene		210	E	0.12	1.00	ug/L
Q3569-02	MW-12	Water	Isopropylbenzene		13.6		0.12	1.00	ug/L
Q3569-02	MW-12	Water	1,3-Dichlorobenzene		0.28	J	0.16	1.00	ug/L
Q3569-02	MW-12	Water	1,4-Dichlorobenzene		3.30		0.19	1.00	ug/L
Q3569-02	MW-12	Water	1,2-Dichlorobenzene		0.56	J	0.16	1.00	ug/L
			Total Voc :		313				
Q3569-02	MW-12	Water	7-Oxabicyclo[2.2.1]heptane, 1-	*	5.50	J	0	0	ug/L
Q3569-02	MW-12	Water	1,3-Dithiolane	*	5.20	J	0	0	ug/L
Q3569-02	MW-12	Water	Tetrahydrofuran	*	480	J	0.99	5.00	ug/L
Q3569-02	MW-12	Water	Tert butyl alcohol	*	150	J	5.50	25.0	ug/L
Q3569-02	MW-12	Water	Diethyl Ether	*	230	J	0.31	1.00	ug/L
Q3569-02	MW-12	Water	n-propylbenzene	*	1.00	J	0.13	1.00	ug/L
Q3569-02	MW-12	Water	1,2,4-Trimethylbenzene	*	0.32	J	0.14	1.00	ug/L
Q3569-02	MW-12	Water	Diisopropyl ether	*	150	J	0.15	1.00	ug/L
			Total Tics :		1020				
			Total Concentration:		1330				
Client ID:	**MW-12DL**								
Q3569-02DL	MW-12DL	Water	Benzene		84.3	D	0.75	5.00	ug/L
Q3569-02DL	MW-12DL	Water	Chlorobenzene		230	D	0.60	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3569-02DL	MW-12DL	Water	Isopropylbenzene	15.0	D	0.60	5.00	ug/L
			Total Voc :	329				
			Total Concentration:	329				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:29	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 16:29	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:29	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 16:29	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 16:29	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 16:29	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:29	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:29	VX111025
67-64-1	Acetone	8.20		1	1.50	5.00	ug/L	11/10/25 16:29	VX111025
75-15-0	Carbon Disulfide	2.40		1	0.21	1.00	ug/L	11/10/25 16:29	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:29	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 16:29	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 16:29	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:29	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:29	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 16:29	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 16:29	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:29	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:29	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:29	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:29	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:29	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:29	VX111025
71-43-2	Benzene	17.5		1	0.15	1.00	ug/L	11/10/25 16:29	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:29	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 16:29	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:29	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:29	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 16:29	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 16:29	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 16:29	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:29	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:29	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 16:29	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 16:29	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:29	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:29	VX111025
108-90-7	Chlorobenzene	66.0		1	0.12	1.00	ug/L	11/10/25 16:29	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 16:29	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 16:29	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:29	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:29	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:29	VX111025

Raw Data: **VX048543.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	5.90		1	0.12	1.00	ug/L	11/10/25 16:29	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:29	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:29	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:29	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:29	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 16:29	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:29	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:29	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.9			70 (74) - 130 (125)	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.5			70 (75) - 130 (124)	89%	SPK: 50		
2037-26-5	Toluene-d8	48.8			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.4			70 (77) - 130 (121)	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	227000							
540-36-3	1,4-Difluorobenzene	432000							
3114-55-4	Chlorobenzene-d5	431000							
3855-82-1	1,4-Dichlorobenzene-d4	229000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	58.4	J			2.14	ug/L		
75-65-0	Tert butyl alcohol	42.6	J			2.93	ug/L		
108-20-3	Diisopropyl ether	36.7	J			3.75	ug/L		
109-99-9	Tetrahydrofuran	150	J			4.98	ug/L		

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

Raw Data: **VX048544.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 16:49	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:49	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 16:49	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 16:49	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 16:49	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
67-64-1	Acetone	4.90	J	1	1.50	5.00	ug/L	11/10/25 16:49	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:49	VX111025
1634-04-4	Methyl tert-butyl Ether	0.55	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 16:49	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 16:49	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 16:49	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 16:49	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:49	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
71-43-2	Benzene	79.2		1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 16:49	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 16:49	VX111025
108-88-3	Toluene	0.52	J	1	0.14	1.00	ug/L	11/10/25 16:49	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 16:49	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:49	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 16:49	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 16:49	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
108-90-7	Chlorobenzene	210	E	1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 16:49	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 16:49	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:49	VX111025

Raw Data: **VX048544.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	13.6		1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:49	VX111025
541-73-1	1,3-Dichlorobenzene	0.28	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
106-46-7	1,4-Dichlorobenzene	3.30		1	0.19	1.00	ug/L	11/10/25 16:49	VX111025
95-50-1	1,2-Dichlorobenzene	0.56	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 16:49	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.5			70 (74) - 130 (125)	103%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.0			70 (75) - 130 (124)	90%	SPK: 50		
2037-26-5	Toluene-d8	48.4			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.0			70 (77) - 130 (121)	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	175000							
540-36-3	1,4-Difluorobenzene	339000							
3114-55-4	Chlorobenzene-d5	347000							
3855-82-1	1,4-Dichlorobenzene-d4	188000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	230	J			2.14	ug/L		
75-65-0	Tert butyl alcohol	150	J			2.93	ug/L		
108-20-3	Diisopropyl ether	150	J			3.75	ug/L		
109-99-9	Tetrahydrofuran	480	J			4.98	ug/L		
103-65-1	n-propylbenzene	1.00	J			11.3	ug/L		
95-63-6	1,2,4-Trimethylbenzene	0.32	J			11.7	ug/L		
004829-04-3	1,3-Dithiolane	5.20	J			11.8	ug/L		
000470-67-7	7-Oxabicyclo[2.2.1]heptane, 1-meth	5.50	J			11.9	ug/L		

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

Raw Data: **VX048557.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
74-87-3	Chloromethane	1.60	UD	5	1.60	5.00	ug/L	11/11/25 12:24	VX111125
75-01-4	Vinyl Chloride	1.30	UD	5	1.30	5.00	ug/L	11/11/25 12:24	VX111125
74-83-9	Bromomethane	7.20	UD	5	7.20	25.0	ug/L	11/11/25 12:24	VX111125
75-00-3	Chloroethane	2.40	UD	5	2.40	5.00	ug/L	11/11/25 12:24	VX111125
75-69-4	Trichlorofluoromethane	1.70	UD	5	1.70	5.00	ug/L	11/11/25 12:24	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	5	1.30	5.00	ug/L	11/11/25 12:24	VX111125
75-35-4	1,1-Dichloroethene	1.20	UD	5	1.20	5.00	ug/L	11/11/25 12:24	VX111125
67-64-1	Acetone	7.60	UD	5	7.60	25.0	ug/L	11/11/25 12:24	VX111125
75-15-0	Carbon Disulfide	1.10	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
1634-04-4	Methyl tert-butyl Ether	0.80	UD	5	0.80	5.00	ug/L	11/11/25 12:24	VX111125
79-20-9	Methyl Acetate	1.40	UD	5	1.40	5.00	ug/L	11/11/25 12:24	VX111125
75-09-2	Methylene Chloride	1.40	UD	5	1.40	5.00	ug/L	11/11/25 12:24	VX111125
156-60-5	trans-1,2-Dichloroethene	1.20	UD	5	1.20	5.00	ug/L	11/11/25 12:24	VX111125
75-34-3	1,1-Dichloroethane	1.20	UD	5	1.20	5.00	ug/L	11/11/25 12:24	VX111125
110-82-7	Cyclohexane	7.30	UD	5	7.30	25.0	ug/L	11/11/25 12:24	VX111125
78-93-3	2-Butanone	4.90	UD	5	4.90	25.0	ug/L	11/11/25 12:24	VX111125
56-23-5	Carbon Tetrachloride	1.30	UD	5	1.30	5.00	ug/L	11/11/25 12:24	VX111125
156-59-2	cis-1,2-Dichloroethene	0.95	UD	5	0.95	5.00	ug/L	11/11/25 12:24	VX111125
74-97-5	Bromochloromethane	1.10	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
67-66-3	Chloroform	1.30	UD	5	1.30	5.00	ug/L	11/11/25 12:24	VX111125
71-55-6	1,1,1-Trichloroethane	1.00	UD	5	1.00	5.00	ug/L	11/11/25 12:24	VX111125
108-87-2	Methylcyclohexane	0.80	UD	5	0.80	5.00	ug/L	11/11/25 12:24	VX111125
71-43-2	Benzene	84.3	D	5	0.75	5.00	ug/L	11/11/25 12:24	VX111125
107-06-2	1,2-Dichloroethane	1.10	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
79-01-6	Trichloroethene	0.47	UD	5	0.47	5.00	ug/L	11/11/25 12:24	VX111125
78-87-5	1,2-Dichloropropane	1.00	UD	5	1.00	5.00	ug/L	11/11/25 12:24	VX111125
75-27-4	Bromodichloromethane	1.10	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
108-10-1	4-Methyl-2-Pentanone	3.40	UD	5	3.40	25.0	ug/L	11/11/25 12:24	VX111125
108-88-3	Toluene	0.70	UD	5	0.70	5.00	ug/L	11/11/25 12:24	VX111125
10061-02-6	t-1,3-Dichloropropene	0.85	UD	5	0.85	5.00	ug/L	11/11/25 12:24	VX111125
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	5	0.80	5.00	ug/L	11/11/25 12:24	VX111125
79-00-5	1,1,2-Trichloroethane	1.10	UD	5	1.10	5.00	ug/L	11/11/25 12:24	VX111125
591-78-6	2-Hexanone	4.50	UD	5	4.50	25.0	ug/L	11/11/25 12:24	VX111125
124-48-1	Dibromochloromethane	0.90	UD	5	0.90	5.00	ug/L	11/11/25 12:24	VX111125
106-93-4	1,2-Dibromoethane	0.75	UD	5	0.75	5.00	ug/L	11/11/25 12:24	VX111125
127-18-4	Tetrachloroethene	1.20	UD	5	1.20	5.00	ug/L	11/11/25 12:24	VX111125
108-90-7	Chlorobenzene	230	D	5	0.60	5.00	ug/L	11/11/25 12:24	VX111125
100-41-4	Ethyl Benzene	0.65	UD	5	0.65	5.00	ug/L	11/11/25 12:24	VX111125
179601-23-1	m/p-Xylenes	1.20	UD	5	1.20	10.0	ug/L	11/11/25 12:24	VX111125
95-47-6	o-Xylene	0.60	UD	5	0.60	5.00	ug/L	11/11/25 12:24	VX111125
100-42-5	Styrene	0.75	UD	5	0.75	5.00	ug/L	11/11/25 12:24	VX111125
75-25-2	Bromoform	0.95	UD	5	0.95	5.00	ug/L	11/11/25 12:24	VX111125

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	15.0	D	5	0.60	5.00	ug/L	11/11/25 12:24	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	5	1.30	5.00	ug/L	11/11/25 12:24	VX111125
541-73-1	1,3-Dichlorobenzene	0.80	UD	5	0.80	5.00	ug/L	11/11/25 12:24	VX111125
106-46-7	1,4-Dichlorobenzene	0.95	UD	5	0.95	5.00	ug/L	11/11/25 12:24	VX111125
95-50-1	1,2-Dichlorobenzene	0.80	UD	5	0.80	5.00	ug/L	11/11/25 12:24	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	5	2.70	5.00	ug/L	11/11/25 12:24	VX111125
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	5	1.00	5.00	ug/L	11/11/25 12:24	VX111125
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	5	1.00	5.00	ug/L	11/11/25 12:24	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.7			70 (75) - 130 (124)	91%	SPK: 50		
2037-26-5	Toluene-d8	51.4			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.6			70 (77) - 130 (121)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	220000							
540-36-3	1,4-Difluorobenzene	429000							
3114-55-4	Chlorobenzene-d5	440000							
3855-82-1	1,4-Dichlorobenzene-d4	230000							

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,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	TB-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-03	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:04	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 14:04	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:04	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 14:04	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 14:04	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 14:04	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:04	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:04	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:04	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:04	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:04	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 14:04	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 14:04	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:04	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:04	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:04	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 14:04	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:04	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:04	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:04	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:04	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:04	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:04	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:04	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:04	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 14:04	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:04	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:04	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 14:04	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 14:04	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 14:04	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:04	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:04	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 14:04	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 14:04	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:04	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:04	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:04	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 14:04	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 14:04	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:04	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:04	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:04	VX111025

Raw Data: **VX048536.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	TB-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:04	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:04	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:04	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:04	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:04	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 14:04	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:04	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:04	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.8			70 (74) - 130 (125)	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.8			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	50.3			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			70 (77) - 130 (121)	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	185000							
540-36-3	1,4-Difluorobenzene	365000							
3114-55-4	Chlorobenzene-d5	366000							
3855-82-1	1,4-Dichlorobenzene-d4	199000							

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,
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Surrogate Summary

SDG No.: Q3569

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3569-01	MW-2	1,2-Dichloroethane-d4	50	50.9	102		70 (74)	130 (125)
		Dibromofluoromethane	50	44.5	89		70 (75)	130 (124)
		Toluene-d8	50	48.8	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.4	111		70 (77)	130 (121)
Q3569-02	MW-12	1,2-Dichloroethane-d4	50	51.5	103		70 (74)	130 (125)
		Dibromofluoromethane	50	45.0	90		70 (75)	130 (124)
		Toluene-d8	50	48.4	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.0	114		70 (77)	130 (121)
Q3569-02DL	MW-12DL	1,2-Dichloroethane-d4	50	53.2	106		70 (74)	130 (125)
		Dibromofluoromethane	50	45.7	91		70 (75)	130 (124)
		Toluene-d8	50	51.4	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.6	113		70 (77)	130 (121)
Q3569-03	TB-2	1,2-Dichloroethane-d4	50	54.8	110		70 (74)	130 (125)
		Dibromofluoromethane	50	45.8	92		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.6	115		70 (77)	130 (121)
VX1110WBL01	VX1110WBL01	1,2-Dichloroethane-d4	50	50.1	100		70 (74)	130 (125)
		Dibromofluoromethane	50	44.1	88		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.2	116		70 (77)	130 (121)
VX1110WBS01	VX1110WBS01	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	46.9	94		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103		70 (77)	130 (121)
VX1110WBSD0	VX1110WBSD01	1,2-Dichloroethane-d4	50	50.4	101		70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98		70 (77)	130 (121)
VX1111WBL01	VX1111WBL01	1,2-Dichloroethane-d4	50	55.6	111		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
VX1111WBS01	VX1111WBS01	1,2-Dichloroethane-d4	50	49.0	98		70 (74)	130 (125)
		Dibromofluoromethane	50	46.0	92		70 (75)	130 (124)
		Toluene-d8	50	51.5	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	Dichlorodifluoromethane	20	17.9	ug/L	90			40 (69)	160 (116)	
	Chloromethane	20	18.6	ug/L	93			40 (65)	160 (116)	
	Vinyl chloride	20	19.4	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	25.7	ug/L	129			40 (58)	160 (125)	
	Chloroethane	20	22.0	ug/L	110			40 (56)	160 (128)	
	Trichlorofluoromethane	20	21.6	ug/L	108			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.9	ug/L	100			70 (74)	130 (110)	
	Acetone	100	120	ug/L	120			40 (60)	160 (125)	
	Carbon disulfide	20	17.7	ug/L	89			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			70 (78)	130 (114)	
	Methyl Acetate	20	19.8	ug/L	99			70 (57)	130 (150)	
	Methylene Chloride	20	18.7	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	18.7	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	17.8	ug/L	89			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.8	ug/L	94			70 (77)	130 (110)	
	Bromochloromethane	20	19.8	ug/L	99			70 (70)	130 (124)	
	Chloroform	20	20.2	ug/L	101			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			70 (80)	130 (108)	
	Methylcyclohexane	20	17.0	ug/L	85			70 (72)	130 (115)	
	Benzene	20	17.8	ug/L	89			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.6	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.6	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	21.0	ug/L	105			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.7	ug/L	104			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.0	ug/L	105			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	22.1	ug/L	111			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	21.3	ug/L	106			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.6	ug/L	108			70 (81)	130 (110)	
	Tetrachloroethene	20	17.4	ug/L	87			70 (67)	130 (123)	
	Chlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	
	Ethyl Benzene	20	18.0	ug/L	90			70 (83)	130 (109)	
	m/p-Xylenes	40	37.0	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	17.9	ug/L	90			70 (83)	130 (109)	
	Styrene	20	18.6	ug/L	93			70 (80)	130 (111)	
	Bromoform	20	18.3	ug/L	92			70 (79)	130 (109)	
	Isopropylbenzene	20	18.1	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.7	ug/L	94			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	21.5	ug/L	108			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1110WBSD01	Dichlorodifluoromethane	20	14.1	ug/L	71	24	*	40 (69)	160 (116)	20 (19)
	Chloromethane	20	15.8	ug/L	79	16		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	16.8	ug/L	84	14		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.5	ug/L	108	18		40 (58)	160 (125)	20 (30)
	Chloroethane	20	18.3	ug/L	92	18		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.6	ug/L	88	20		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92	7		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.1	ug/L	91	9		70 (74)	130 (110)	20 (20)
	Acetone	100	91.0	ug/L	91	27	*	40 (60)	160 (125)	20 (27)
	Carbon disulfide	20	17.3	ug/L	86	3		40 (64)	160 (112)	20 (17)
	Methyl tert-butyl Ether	20	18.9	ug/L	95	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	18.3	ug/L	92	7		70 (57)	130 (150)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.7	ug/L	89	9		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	18.4	ug/L	92	7		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.4	ug/L	92	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	98.1	ug/L	98	12		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	16.9	ug/L	85	5		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	18.1	ug/L	91	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.2	ug/L	86	14		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.3	ug/L	92	9		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	17.8	ug/L	89	10		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.8	ug/L	89	5		70 (72)	130 (115)	20 (20)
	Benzene	20	17.4	ug/L	87	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.1	ug/L	91	12		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.5	ug/L	93	0		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.1	ug/L	96	4		70 (83)	130 (111)	20 (21)
	Bromodichloromethane	20	19.8	ug/L	99	6		70 (83)	130 (110)	20 (21)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (25)
	Toluene	20	20.5	ug/L	103	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.0	ug/L	95	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.0	ug/L	100	5		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	10		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.0	ug/L	100	6		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.9	ug/L	104	4		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.4	ug/L	92	6		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.4	ug/L	92	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.2	ug/L	91	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.0	ug/L	95	2		70 (82)	130 (110)	20 (20)
	o-Xylene	20	18.7	ug/L	94	4		70 (83)	130 (109)	20 (20)
	Styrene	20	19.1	ug/L	96	3		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.3	ug/L	92	0		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.7	ug/L	94	3		70 (83)	130 (112)	20 (22)
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.0	ug/L	90	0		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.9	ug/L	90	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	18.1	ug/L	91	0		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3569**	**Analytical Method:**	**SW8260-Low**
Client:	**Remington & Vernick Engineers**	**Datafile :**	VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1110WBSD01	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94	7		40 (68)	160 (112)	20 (26)
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89	19		70 (75)	130 (113)	20 (21)
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95	8		70 (76)	130 (114)	20 (22)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048552.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1111WBS01	Dichlorodifluoromethane	20	21.0	ug/L	105			40 (69)	160 (116)	
	Chloromethane	20	19.0	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	18.8	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	21.1	ug/L	106			40 (58)	160 (125)	
	Chloroethane	20	18.3	ug/L	92			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.0	ug/L	90			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	Acetone	100	90.7	ug/L	91			40 (60)	160 (125)	
	Carbon disulfide	20	17.5	ug/L	88			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.2	ug/L	91			70 (78)	130 (114)	
	Methyl Acetate	20	17.3	ug/L	86			70 (57)	130 (150)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.6	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	17.7	ug/L	89			70 (75)	130 (110)	
	2-Butanone	100	89.3	ug/L	89			40 (65)	160 (122)	
	Carbon Tetrachloride	20	15.6	ug/L	78			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.5	ug/L	88			70 (77)	130 (110)	
	Bromochloromethane	20	18.5	ug/L	93			70 (70)	130 (124)	
	Chloroform	20	17.8	ug/L	89			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.3	ug/L	86			70 (80)	130 (108)	
	Methylcyclohexane	20	17.4	ug/L	87			70 (72)	130 (115)	
	Benzene	20	16.3	ug/L	81			70 (82)	130 (109)	
	1,2-Dichloroethane	20	16.7	ug/L	84			70 (80)	130 (115)	
	Trichloroethene	20	17.4	ug/L	87			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.3	ug/L	92			70 (83)	130 (111)	
	Bromodichloromethane	20	19.1	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	96.6	ug/L	97			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.1	ug/L	101			70 (83)	130 (112)	
	2-Hexanone	100	94.8	ug/L	95			40 (73)	160 (117)	
	Dibromochloromethane	20	19.1	ug/L	96			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.8	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	16.2	ug/L	81			70 (67)	130 (123)	
	Chlorobenzene	20	17.1	ug/L	86			70 (82)	130 (109)	
	Ethyl Benzene	20	16.7	ug/L	84			70 (83)	130 (109)	
	m/p-Xylenes	40	35.0	ug/L	88			70 (82)	130 (110)	
	o-Xylene	20	17.1	ug/L	86			70 (83)	130 (109)	
	Styrene	20	17.6	ug/L	88			70 (80)	130 (111)	
	Bromoform	20	16.7	ug/L	84			70 (79)	130 (109)	
	Isopropylbenzene	20	17.9	ug/L	90			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.8	ug/L	89			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.7	ug/L	89			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.5	ug/L	88			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048552.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1111WBS01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	16.8	ug/L	84			70 (76)	130 (114)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1110WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048528.D Lab Sample ID: VX1110WBL01

Date Analyzed: 11/10/2025 Time Analyzed: 10:04

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025
TB-2	Q3569-03	VX048536.D	11/10/2025
MW-2	Q3569-01	VX048543.D	11/10/2025
MW-12	Q3569-02	VX048544.D	11/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1111WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048551.D Lab Sample ID: VX1111WBL01

Date Analyzed: 11/11/2025 Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1111WBS01	VX1111WBS01	VX048552.D	11/11/2025
MW-12DL	Q3569-02DL	VX048557.D	11/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: VX048515.D | BFB Injection Date: 11/07/2025

Instrument ID: MSVOA_X | BFB Injection Time: 13:06

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	77.2
175	5.0 - 9.0% of mass 174	5.7 (7.3) 1
176	95.0 - 101.0% of mass 174	75.5 (97.9) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 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
VSTDICC001	VSTDICC001	VX048516.D	11/07/2025	13:35
VSTDICC005	VSTDICC005	VX048517.D	11/07/2025	13:56
VSTDICC020	VSTDICC020	VX048518.D	11/07/2025	14:16
VSTDICC100	VSTDICC100	VX048520.D	11/07/2025	14:58
VSTDICC150	VSTDICC150	VX048521.D	11/07/2025	15:18
VSTDICCC050	VSTDICCC050	VX048524.D	11/07/2025	16:29

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: VX048526.D | BFB Injection Date: 11/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:34

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.6
75	30.0 - 60.0% of mass 95	49.8
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	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	6 (7.6) 1
176	95.0 - 101.0% of mass 174	75.4 (96.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.9) 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	VX048527.D	11/10/2025	09:36
VX1110WBL01	VX1110WBL01	VX048528.D	11/10/2025	10:04
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025	11:49
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025	12:16
TB-2	Q3569-03	VX048536.D	11/10/2025	14:04
MW-2	Q3569-01	VX048543.D	11/10/2025	16:29
MW-12	Q3569-02	VX048544.D	11/10/2025	16:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: VX048548.D | BFB Injection Date: 11/11/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:09

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 60.0% of mass 95	48.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76.9
175	5.0 - 9.0% of mass 174	5.7 (7.4) 1
176	95.0 - 101.0% of mass 174	76.1 (99) 1
177	5.0 - 9.0% of mass 176	5 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048549.D	11/11/2025	09:11
VX1111WBL01	VX1111WBL01	VX048551.D	11/11/2025	10:02
VX1111WBS01	VX1111WBS01	VX048552.D	11/11/2025	10:35
MW-12DL	Q3569-02DL	VX048557.D	11/11/2025	12:24

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	178330	5.53	288528	6.74	248957	10.04
UPPER LIMIT	356660	6.032	577056	7.239	497914	10.537
LOWER LIMIT	89165	5.032	144264	6.239	124479	9.537
EPA SAMPLE NO.						
MW-2	226787	5.54	431937	6.75	431296	10.04
MW-12	174503	5.54	338583	6.75	347291	10.04
TB-2	185085	5.54	364726	6.75	365529	10.04
VX1110WBL01	157554	5.54	305452	6.74	313169	10.04
VX1110WBS01	140876	5.54	243139	6.75	219757	10.04
VX1110WBSD01	186739	5.53	314084	6.75	272722	10.04

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	127604	12.006				
UPPER LIMIT	255208	12.506				
LOWER LIMIT	63802	11.506				
EPA SAMPLE NO.						
MW-2	228614	12.01				
MW-12	188428	12.01				
TB-2	198620	12.01				
VX1110WBL01	160725	12.01				
VX1110WBS01	112690	12.01				
VX1110WBSD01	139918	12.01				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048549.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:11

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	181006	5.53	289835	6.74	252348	10.04
UPPER LIMIT	362012	6.032	579670	7.239	504696	10.537
LOWER LIMIT	90503	5.032	144918	6.239	126174	9.537
EPA SAMPLE NO.						
MW-12DL	220460	5.54	428617	6.75	439851	10.04
VX1111WBL01	184346	5.54	353648	6.75	374656	10.04
VX1111WBS01	187478	5.53	320628	6.74	287293	10.04

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab File ID: VX048549.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:11

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	129793	12.006				
UPPER LIMIT	259586	12.506				
LOWER LIMIT	64896.5	11.506				
EPA SAMPLE NO.						
MW-12DL	230176	12.01				
VX1111WBL01	195630	12.01				
VX1111WBS01	141984	12.01				

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

Raw Data: **VX048528.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VX1110WBL01	SDG No.:	Q3569
Lab Sample ID:	VX1110WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 10:04	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 10:04	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 10:04	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 10:04	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 10:04	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 10:04	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 10:04	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 10:04	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 10:04	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 10:04	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 10:04	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 10:04	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 10:04	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1110WBL01			SDG No.:	Q3569
Lab Sample ID:	VX1110WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 10:04	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.2			70 (74) - 130 (125)	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.1			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	158000							
540-36-3	1,4-Difluorobenzene	305000							
3114-55-4	Chlorobenzene-d5	313000							
3855-82-1	1,4-Dichlorobenzene-d4	161000							

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

Raw Data: **VX048551.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VX1111WBL01	SDG No.:	Q3569
Lab Sample ID:	VX1111WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/11/25 10:02	VX111125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/11/25 10:02	VX111125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/11/25 10:02	VX111125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/11/25 10:02	VX111125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/11/25 10:02	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/11/25 10:02	VX111125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/11/25 10:02	VX111125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/11/25 10:02	VX111125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/11/25 10:02	VX111125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/11/25 10:02	VX111125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/11/25 10:02	VX111125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/11/25 10:02	VX111125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/11/25 10:02	VX111125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/11/25 10:02	VX111125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/11/25 10:02	VX111125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/11/25 10:02	VX111125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/11/25 10:02	VX111125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/11/25 10:02	VX111125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/11/25 10:02	VX111125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/11/25 10:02	VX111125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/11/25 10:02	VX111125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/11/25 10:02	VX111125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125

Raw Data: **VX048551.D**

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:	VX1111WBL01			SDG No.:	Q3569
Lab Sample ID:	VX1111WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	0.12	U	1	0.12	1.00	ug/L	11/11/25 10:02	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/11/25 10:02	VX111125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/11/25 10:02	VX111125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.6			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.5			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	50.3			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.0			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	184000							
540-36-3	1,4-Difluorobenzene	354000							
3114-55-4	Chlorobenzene-d5	375000							
3855-82-1	1,4-Dichlorobenzene-d4	196000							

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

Raw Data: **VX048530.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1110WBS01			SDG No.:	Q3569
Lab Sample ID:	VX1110WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	17.9		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
74-87-3	Chloromethane	18.6		1	0.32	1.00	ug/L	11/10/25 11:49	VX111025
75-01-4	Vinyl Chloride	19.4		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
74-83-9	Bromomethane	25.7		1	1.40	5.00	ug/L	11/10/25 11:49	VX111025
75-00-3	Chloroethane	22.0		1	0.47	1.00	ug/L	11/10/25 11:49	VX111025
75-69-4	Trichlorofluoromethane	21.6		1	0.33	1.00	ug/L	11/10/25 11:49	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
75-35-4	1,1-Dichloroethene	19.9		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
67-64-1	Acetone	120		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
75-15-0	Carbon Disulfide	17.7		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
1634-04-4	Methyl tert-butyl Ether	20.7		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-20-9	Methyl Acetate	19.8		1	0.27	1.00	ug/L	11/10/25 11:49	VX111025
75-09-2	Methylene Chloride	18.7		1	0.28	1.00	ug/L	11/10/25 11:49	VX111025
156-60-5	trans-1,2-Dichloroethene	19.3		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
75-34-3	1,1-Dichloroethane	19.7		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
110-82-7	Cyclohexane	18.7		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/10/25 11:49	VX111025
56-23-5	Carbon Tetrachloride	17.8		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
156-59-2	cis-1,2-Dichloroethene	18.8		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
74-97-5	Bromochloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
67-66-3	Chloroform	20.2		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
71-55-6	1,1,1-Trichloroethane	19.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
108-87-2	Methylcyclohexane	17.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
71-43-2	Benzene	17.8		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
107-06-2	1,2-Dichloroethane	20.6		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	11/10/25 11:49	VX111025
78-87-5	1,2-Dichloropropane	19.9		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
75-27-4	Bromodichloromethane	21.0		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 11:49	VX111025
108-88-3	Toluene	20.7		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.17	1.00	ug/L	11/10/25 11:49	VX111025
10061-01-5	cis-1,3-Dichloropropene	21.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-00-5	1,1,2-Trichloroethane	22.1		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/10/25 11:49	VX111025
124-48-1	Dibromochloromethane	21.3		1	0.18	1.00	ug/L	11/10/25 11:49	VX111025
106-93-4	1,2-Dibromoethane	21.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
127-18-4	Tetrachloroethene	17.4		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
108-90-7	Chlorobenzene	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
100-41-4	Ethyl Benzene	18.0		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	11/10/25 11:49	VX111025
95-47-6	o-Xylene	17.9		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
100-42-5	Styrene	18.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1110WBS01			SDG No.:	Q3569
Lab Sample ID:	VX1110WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
106-46-7	1,4-Dichlorobenzene	18.1		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1	0.53	1.00	ug/L	11/10/25 11:49	VX111025
120-82-1	1,2,4-Trichlorobenzene	21.5		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
87-61-6	1,2,3-Trichlorobenzene	17.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.8			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.3			70 (77) - 130 (121)	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	243000							
3114-55-4	Chlorobenzene-d5	220000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

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

Raw Data: **VX048552.D**

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:	VX1111WBS01	SDG No.:	Q3569
Lab Sample ID:	VX1111WBS01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	21.0		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
74-87-3	Chloromethane	19.0		1	0.32	1.00	ug/L	11/11/25 10:35	VX111125
75-01-4	Vinyl Chloride	18.8		1	0.26	1.00	ug/L	11/11/25 10:35	VX111125
74-83-9	Bromomethane	21.1		1	1.40	5.00	ug/L	11/11/25 10:35	VX111125
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/11/25 10:35	VX111125
75-69-4	Trichlorofluoromethane	18.0		1	0.33	1.00	ug/L	11/11/25 10:35	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
67-64-1	Acetone	90.7		1	1.50	5.00	ug/L	11/11/25 10:35	VX111125
75-15-0	Carbon Disulfide	17.5		1	0.21	1.00	ug/L	11/11/25 10:35	VX111125
1634-04-4	Methyl tert-butyl Ether	18.2		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
79-20-9	Methyl Acetate	17.3		1	0.27	1.00	ug/L	11/11/25 10:35	VX111125
75-09-2	Methylene Chloride	18.4		1	0.28	1.00	ug/L	11/11/25 10:35	VX111125
156-60-5	trans-1,2-Dichloroethene	18.3		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
75-34-3	1,1-Dichloroethane	18.6		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
110-82-7	Cyclohexane	17.7		1	1.50	5.00	ug/L	11/11/25 10:35	VX111125
78-93-3	2-Butanone	89.3		1	0.98	5.00	ug/L	11/11/25 10:35	VX111125
56-23-5	Carbon Tetrachloride	15.6		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
156-59-2	cis-1,2-Dichloroethene	17.5		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
67-66-3	Chloroform	17.8		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
71-55-6	1,1,1-Trichloroethane	17.3		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
108-87-2	Methylcyclohexane	17.4		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
71-43-2	Benzene	16.3		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
107-06-2	1,2-Dichloroethane	16.7		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
79-01-6	Trichloroethene	17.4		1	0.090	1.00	ug/L	11/11/25 10:35	VX111125
78-87-5	1,2-Dichloropropane	18.3		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
75-27-4	Bromodichloromethane	19.1		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
108-10-1	4-Methyl-2-Pentanone	96.6		1	0.68	5.00	ug/L	11/11/25 10:35	VX111125
108-88-3	Toluene	19.7		1	0.14	1.00	ug/L	11/11/25 10:35	VX111125
10061-02-6	t-1,3-Dichloropropene	18.4		1	0.17	1.00	ug/L	11/11/25 10:35	VX111125
10061-01-5	cis-1,3-Dichloropropene	19.2		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
79-00-5	1,1,2-Trichloroethane	20.1		1	0.21	1.00	ug/L	11/11/25 10:35	VX111125
591-78-6	2-Hexanone	94.8		1	0.89	5.00	ug/L	11/11/25 10:35	VX111125
124-48-1	Dibromochloromethane	19.1		1	0.18	1.00	ug/L	11/11/25 10:35	VX111125
106-93-4	1,2-Dibromoethane	19.8		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
127-18-4	Tetrachloroethene	16.2		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
108-90-7	Chlorobenzene	17.1		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
100-41-4	Ethyl Benzene	16.7		1	0.13	1.00	ug/L	11/11/25 10:35	VX111125
179601-23-1	m/p-Xylenes	35.0		1	0.24	2.00	ug/L	11/11/25 10:35	VX111125
95-47-6	o-Xylene	17.1		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
100-42-5	Styrene	17.6		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
75-25-2	Bromoform	16.7		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1111WBS01			SDG No.:	Q3569
Lab Sample ID:	VX1111WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	17.9		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1	0.26	1.00	ug/L	11/11/25 10:35	VX111125
541-73-1	1,3-Dichlorobenzene	17.7		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
106-46-7	1,4-Dichlorobenzene	17.6		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125
95-50-1	1,2-Dichlorobenzene	17.5		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	0.53	1.00	ug/L	11/11/25 10:35	VX111125
120-82-1	1,2,4-Trichlorobenzene	17.0		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
87-61-6	1,2,3-Trichlorobenzene	16.8		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.0			70 (74) - 130 (125)	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.5			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.7			70 (77) - 130 (121)	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	187000							
540-36-3	1,4-Difluorobenzene	321000							
3114-55-4	Chlorobenzene-d5	287000							
3855-82-1	1,4-Dichlorobenzene-d4	142000							

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

Raw Data: **VX048531.D**

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:	VX1110WBSD01	SDG No.:	Q3569
Lab Sample ID:	VX1110WBSD01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	14.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
74-87-3	Chloromethane	15.8		1	0.32	1.00	ug/L	11/10/25 12:16	VX111025
75-01-4	Vinyl Chloride	16.8		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
74-83-9	Bromomethane	21.5		1	1.40	5.00	ug/L	11/10/25 12:16	VX111025
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/10/25 12:16	VX111025
75-69-4	Trichlorofluoromethane	17.6		1	0.33	1.00	ug/L	11/10/25 12:16	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
67-64-1	Acetone	91.0		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
75-15-0	Carbon Disulfide	17.3		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
1634-04-4	Methyl tert-butyl Ether	18.9		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-20-9	Methyl Acetate	18.3		1	0.27	1.00	ug/L	11/10/25 12:16	VX111025
75-09-2	Methylene Chloride	18.4		1	0.28	1.00	ug/L	11/10/25 12:16	VX111025
156-60-5	trans-1,2-Dichloroethene	17.7		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
75-34-3	1,1-Dichloroethane	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
110-82-7	Cyclohexane	18.4		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
78-93-3	2-Butanone	98.1		1	0.98	5.00	ug/L	11/10/25 12:16	VX111025
56-23-5	Carbon Tetrachloride	16.9		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
156-59-2	cis-1,2-Dichloroethene	18.1		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
74-97-5	Bromochloromethane	17.2		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
67-66-3	Chloroform	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
71-55-6	1,1,1-Trichloroethane	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
108-87-2	Methylcyclohexane	17.8		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
71-43-2	Benzene	17.4		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
107-06-2	1,2-Dichloroethane	18.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
79-01-6	Trichloroethene	18.5		1	0.090	1.00	ug/L	11/10/25 12:16	VX111025
78-87-5	1,2-Dichloropropane	19.1		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 12:16	VX111025
108-88-3	Toluene	20.5		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
10061-02-6	t-1,3-Dichloropropene	19.0		1	0.17	1.00	ug/L	11/10/25 12:16	VX111025
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-00-5	1,1,2-Trichloroethane	21.0		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/10/25 12:16	VX111025
124-48-1	Dibromochloromethane	20.0		1	0.18	1.00	ug/L	11/10/25 12:16	VX111025
106-93-4	1,2-Dibromoethane	20.9		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
127-18-4	Tetrachloroethene	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
108-90-7	Chlorobenzene	18.4		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
100-41-4	Ethyl Benzene	18.2		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
179601-23-1	m/p-Xylenes	38.0		1	0.24	2.00	ug/L	11/10/25 12:16	VX111025
95-47-6	o-Xylene	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
100-42-5	Styrene	19.1		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025

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:	VX1110WBSD01			SDG No.:	Q3569
Lab Sample ID:	VX1110WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	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	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
106-46-7	1,4-Dichlorobenzene	17.9		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1	0.53	1.00	ug/L	11/10/25 12:16	VX111025
120-82-1	1,2,4-Trichlorobenzene	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
87-61-6	1,2,3-Trichlorobenzene	18.9		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.4			70 (74) - 130 (125)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.5			70 (75) - 130 (124)	91%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.9			70 (77) - 130 (121)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	187000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	273000							
3855-82-1	1,4-Dichlorobenzene-d4	140000							

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.: Q3569

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.365	0.364	0.352	0.452	0.474	0.424	0.405	12.8
Chloromethane	0.603	0.457	0.425	0.581	0.565	0.592	0.537	14.2
Vinyl Chloride	0.666	0.579	0.608	0.601	0.597	0.600	0.608	4.9
Bromomethane		0.468	0.417	0.323	0.287	0.426	0.384	19.8
Chloroethane	0.465	0.419	0.397	0.370	0.357	0.383	0.398	9.8
Trichlorofluoromethane	0.982	1.030	1.019	0.919	0.939	0.886	0.963	6
1,1,2-Trichlorotrifluoroethane	0.552	0.556	0.616	0.546	0.558	0.515	0.557	5.9
1,1-Dichloroethene	0.669	0.584	0.591	0.555	0.548	0.545	0.582	8
Acetone	0.383	0.318	0.318	0.317	0.313	0.330	0.330	8.1
Carbon Disulfide	2.045	1.739	1.609	1.468	1.477	1.489	1.638	13.7
Methyl tert-butyl Ether	2.163	2.158	2.049	1.984	1.861	2.117	2.055	5.7
Methyl Acetate	1.195	0.876	0.857	0.818	0.823	0.869	0.906	15.8
Methylene Chloride	0.845	0.689	0.663	0.624	0.595	0.653	0.678	13
trans-1,2-Dichloroethene	0.700	0.650	0.612	0.585	0.557	0.598	0.617	8.3
1,1-Dichloroethane	1.255	1.247	1.124	1.083	1.041	1.102	1.142	7.8
Cyclohexane		1.001	1.004	0.896	0.910	0.867	0.936	6.7
2-Butanone	0.474	0.502	0.511	0.470	0.465	0.506	0.488	4.2
Carbon Tetrachloride	0.640	0.766	0.546	0.520	0.504	0.486	0.577	18.6
cis-1,2-Dichloroethene	0.888	0.787	0.737	0.703	0.684	0.725	0.754	9.9
Bromochloromethane	0.640	0.630	0.533	0.522	0.497	0.543	0.561	10.6
Chloroform	1.357	1.277	1.162	1.105	1.052	1.120	1.179	9.8
1,1,1-Trichloroethane	1.160	1.087	1.026	0.979	0.947	0.973	1.029	7.9
Methylcyclohexane	0.585	0.607	0.558	0.561	0.592	0.510	0.569	6
Benzene	1.745	2.038	1.468	1.396	1.369	1.408	1.571	17
1,2-Dichloroethane	0.540	0.721	0.525	0.489	0.473	0.481	0.538	17.3
Trichloroethene	0.423	0.390	0.356	0.366	0.363	0.355	0.375	7.1
1,2-Dichloropropane	0.417	0.381	0.319	0.352	0.340	0.358	0.361	9.5
Bromodichloromethane	0.517	0.598	0.446	0.539	0.510	0.543	0.526	9.5
4-Methyl-2-Pentanone	0.505	0.667	0.514	0.573	0.546	0.620	0.571	11
Toluene	0.709	0.955	0.710	0.868	0.843	0.877	0.827	11.9

* 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.: Q3569

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.513	0.609	0.452	0.561	0.542	0.572	0.541	10
cis-1,3-Dichloropropene	0.472	0.633	0.481	0.595	0.578	0.606	0.561	12.1
1,1,2-Trichloroethane	0.289	0.373	0.286	0.345	0.329	0.361	0.330	11.1
2-Hexanone	0.360	0.487	0.390	0.429	0.416	0.464	0.425	11
Dibromochloromethane	0.347	0.468	0.351	0.428	0.404	0.436	0.406	12
1,2-Dibromoethane	0.309	0.417	0.308	0.374	0.358	0.381	0.358	11.9
Tetrachloroethene	0.444	0.364	0.352	0.344	0.348	0.327	0.363	11.4
Chlorobenzene	1.406	1.245	1.153	1.112	1.105	1.101	1.187	10.1
Ethyl Benzene	2.253	2.045	1.976	1.899	1.898	1.887	1.993	7.1
m/p-Xylenes	0.764	0.793	0.758	0.736	0.733	0.720	0.751	3.5
o-Xylene	0.795	0.746	0.721	0.714	0.726	0.703	0.734	4.5
Styrene	1.228	1.256	1.227	1.226	1.244	1.210	1.232	1.3
Bromoform	0.427	0.350	0.345	0.359	0.373	0.348	0.367	8.4
Isopropylbenzene	3.857	3.727	3.683	3.551	3.492	3.466	3.629	4.2
1,1,2,2-Tetrachloroethane	1.544	1.284	1.230	1.207	1.185	1.229	1.280	10.4
1,3-Dichlorobenzene	2.076	1.785	1.686	1.680	1.668	1.644	1.756	9.3
1,4-Dichlorobenzene	2.329	1.860	1.676	1.671	1.672	1.678	1.814	14.5
1,2-Dichlorobenzene	1.944	1.695	1.611	1.627	1.616	1.624	1.686	7.7
1,2-Dibromo-3-Chloropropane	0.304	0.308	0.294	0.298	0.285	0.297	0.297	2.7
1,2,4-Trichlorobenzene	1.353	1.032	1.057	1.097	1.117	1.066	1.120	10.5
1,2,3-Trichlorobenzene	1.170	0.973	0.994	1.049	1.051	1.016	1.042	6.7
1,2-Dichloroethane-d4		0.775	0.723	0.677	0.623	0.685	0.697	8.1
Dibromofluoromethane		0.484	0.374	0.356	0.327	0.351	0.378	16.2
Toluene-d8		1.341	1.021	1.210	1.128	1.202	1.180	10
4-Bromofluorobenzene		0.523	0.365	0.445	0.423	0.443	0.440	12.9

* 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.: Q3569
Instrument ID: MSVOA_X
Calibration Date/Time: 11/10/2025 09:36
Lab File ID: VX048527.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.480		18.52	20
Chloromethane	0.537	0.565	0.1	5.21	20
Vinyl Chloride	0.608	0.621		2.14	20
Bromomethane	0.384	0.424		10.42	20
Chloroethane	0.398	0.393		-1.26	20
Trichlorofluoromethane	0.963	0.965		0.21	20
1,1,2-Trichlorotrifluoroethane	0.557	0.576		3.41	20
1,1-Dichloroethene	0.582	0.562		-3.44	20
Acetone	0.330	0.343		3.94	20
Carbon Disulfide	1.638	1.516		-7.45	20
Methyl tert-butyl Ether	2.055	2.069		0.68	20
Methyl Acetate	0.906	0.850		-6.18	20
Methylene Chloride	0.678	0.639		-5.75	20
trans-1,2-Dichloroethene	0.617	0.596		-3.4	20
1,1-Dichloroethane	1.142	1.122	0.1	-1.75	20
Cyclohexane	0.936	0.927		-0.96	20
2-Butanone	0.488	0.511		4.71	20
Carbon Tetrachloride	0.577	0.527		-8.67	20
cis-1,2-Dichloroethene	0.754	0.725		-3.85	20
Bromochloromethane	0.561	0.484		-13.73	20
Chloroform	1.179	1.127		-4.41	20
1,1,1-Trichloroethane	1.029	0.979		-4.86	20
Methylcyclohexane	0.569	0.601		5.62	20
Benzene	1.571	1.482		-5.66	20
1,2-Dichloroethane	0.538	0.510		-5.2	20
Trichloroethene	0.375	0.381		1.6	20
1,2-Dichloropropane	0.361	0.377		4.43	20
Bromodichloromethane	0.526	0.561		6.65	20
4-Methyl-2-Pentanone	0.571	0.642		12.43	20
Toluene	0.827	0.921		11.37	20
t-1,3-Dichloropropene	0.541	0.584		7.95	20
cis-1,3-Dichloropropene	0.561	0.625		11.41	20
1,1,2-Trichloroethane	0.330	0.369		11.82	20
2-Hexanone	0.425	0.474		11.53	20
Dibromochloromethane	0.406	0.451		11.08	20
1,2-Dibromoethane	0.358	0.397		10.89	20
Tetrachloroethene	0.363	0.364		0.28	20
Chlorobenzene	1.187	1.191	0.3	0.34	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.: Q3569

Instrument ID: MSVOA_X Calibration Date/Time: 11/10/2025 09:36

Lab File ID: VX048527.D Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	2.013		1	20
m/p-Xylenes	0.751	0.779		3.73	20
o-Xylene	0.734	0.763		3.95	20
Styrene	1.232	1.286		4.38	20
Bromoform	0.367	0.373	0.1	1.63	20
Isopropylbenzene	3.629	3.726		2.67	20
1,1,2,2-Tetrachloroethane	1.280	1.279	0.3	-0.08	20
1,3-Dichlorobenzene	1.756	1.740		-0.91	20
1,4-Dichlorobenzene	1.814	1.782		-1.76	20
1,2-Dichlorobenzene	1.686	1.710		1.42	20
1,2-Dibromo-3-Chloropropane	0.297	0.312		5.05	20
1,2,4-Trichlorobenzene	1.120	1.177		5.09	20
1,2,3-Trichlorobenzene	1.042	1.088		4.41	20
1,2-Dichloroethane-d4	0.697	0.616		-11.62	20
Dibromofluoromethane	0.378	0.321		-15.08	20
Toluene-d8	1.180	1.100		-6.78	20
4-Bromofluorobenzene	0.440	0.405		-7.95	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.: Q3569
Instrument ID: MSVOA_X
Calibration Date/Time: 11/11/2025 09:11
Lab File ID: VX048549.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.466		15.06	20
Chloromethane	0.537	0.528	0.1	-1.68	20
Vinyl Chloride	0.608	0.597		-1.81	20
Bromomethane	0.384	0.402		4.69	20
Chloroethane	0.398	0.362		-9.05	20
Trichlorofluoromethane	0.963	0.932		-3.22	20
1,1,2-Trichlorotrifluoroethane	0.557	0.572		2.69	20
1,1-Dichloroethene	0.582	0.565		-2.92	20
Acetone	0.330	0.355		7.58	20
Carbon Disulfide	1.638	1.499		-8.49	20
Methyl tert-butyl Ether	2.055	2.037		-0.88	20
Methyl Acetate	0.906	0.818		-9.71	20
Methylene Chloride	0.678	0.631		-6.93	20
trans-1,2-Dichloroethene	0.617	0.595		-3.57	20
1,1-Dichloroethane	1.142	1.079	0.1	-5.52	20
Cyclohexane	0.936	0.909		-2.88	20
2-Butanone	0.488	0.483		-1.02	20
Carbon Tetrachloride	0.577	0.547		-5.2	20
cis-1,2-Dichloroethene	0.754	0.722		-4.24	20
Bromochloromethane	0.561	0.501		-10.69	20
Chloroform	1.179	1.110		-5.85	20
1,1,1-Trichloroethane	1.029	0.988		-3.98	20
Methylcyclohexane	0.569	0.596		4.74	20
Benzene	1.571	1.454		-7.45	20
1,2-Dichloroethane	0.538	0.509		-5.39	20
Trichloroethene	0.375	0.381		1.6	20
1,2-Dichloropropane	0.361	0.368		1.94	20
Bromodichloromethane	0.526	0.558		6.08	20
4-Methyl-2-Pentanone	0.571	0.616		7.88	20
Toluene	0.827	0.915		10.64	20
t-1,3-Dichloropropene	0.541	0.577		6.65	20
cis-1,3-Dichloropropene	0.561	0.615		9.63	20
1,1,2-Trichloroethane	0.330	0.375		13.64	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.406	0.462		13.79	20
1,2-Dibromoethane	0.358	0.408		13.97	20
Tetrachloroethene	0.363	0.375		3.31	20
Chlorobenzene	1.187	1.189	0.3	0.17	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.: Q3569

Instrument ID: MSVOA_X Calibration Date/Time: 11/11/2025 09:11

Lab File ID: VX048549.D Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	1.994		0.05	20
m/p-Xylenes	0.751	0.769		2.4	20
o-Xylene	0.734	0.745		1.5	20
Styrene	1.232	1.280		3.9	20
Bromoform	0.367	0.379	0.1	3.27	20
Isopropylbenzene	3.629	3.739		3.03	20
1,1,2,2-Tetrachloroethane	1.280	1.273	0.3	-0.55	20
1,3-Dichlorobenzene	1.756	1.772		0.91	20
1,4-Dichlorobenzene	1.814	1.786		-1.54	20
1,2-Dichlorobenzene	1.686	1.672		-0.83	20
1,2-Dibromo-3-Chloropropane	0.297	0.296		-0.34	20
1,2,4-Trichlorobenzene	1.120	1.127		0.63	20
1,2,3-Trichlorobenzene	1.042	1.050		0.77	20
1,2-Dichloroethane-d4	0.697	0.650		-6.74	20
Dibromofluoromethane	0.378	0.350		-7.41	20
Toluene-d8	1.180	1.199		1.61	20
4-Bromofluorobenzene	0.440	0.440		0	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_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Nov 11 00:48:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

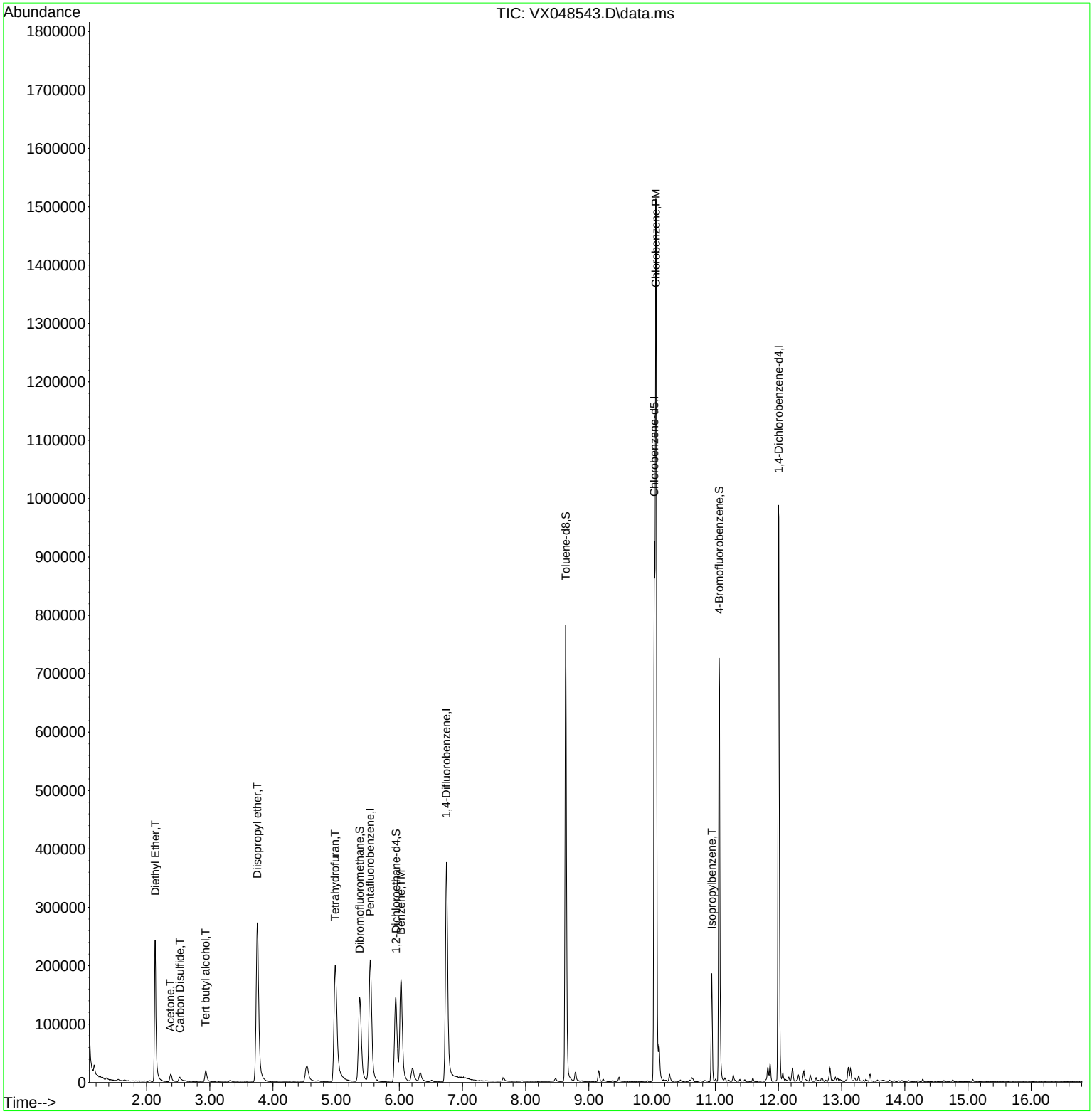
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	226787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	431937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	431296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	228614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	160723	50.860	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.720%			
35) Dibromofluoromethane	5.373	113	145632	44.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.100%			
50) Toluene-d8	8.635	98	497489	48.793	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.061	95	210524	55.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.820%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	102359	58.408	ug/l	99
11) Tert butyl alcohol	2.934	59	25525	42.627	ug/l	97
16) Acetone	2.373	43	12328	8.241	ug/l	97
17) Carbon Disulfide	2.526	76	17881	2.407	ug/l	99
22) Diisopropyl ether	3.751	45	346305	36.691	ug/l #	50
29) Tetrahydrofuran	4.983	42	238120	150.876	ug/l	95
40) Benzene	6.025	78	237868	17.530	ug/l	100
65) Chlorobenzene	10.061	112	675136	65.951	ug/l	98
73) Isopropylbenzene	10.945	105	98271	5.922	ug/l	98

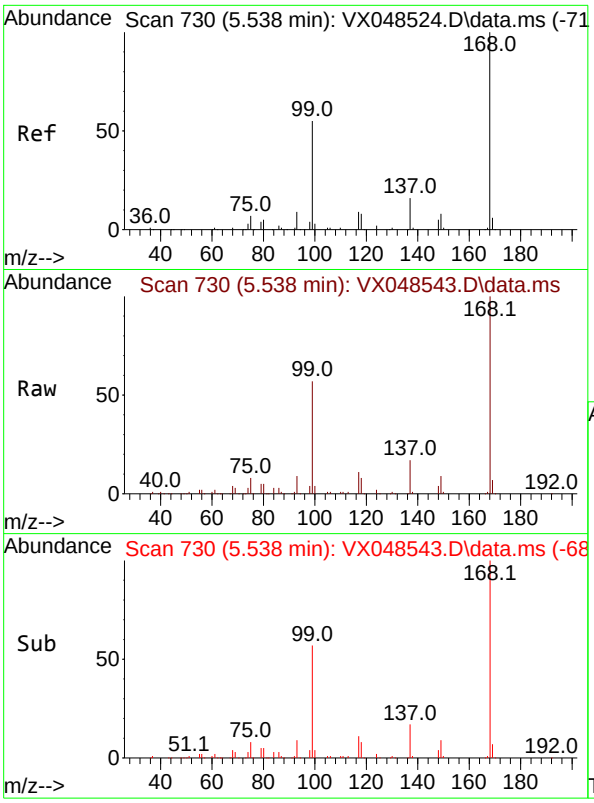
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Nov 11 00:48:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



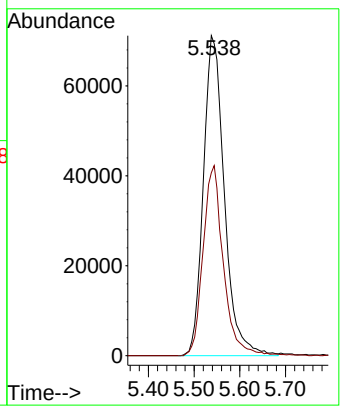


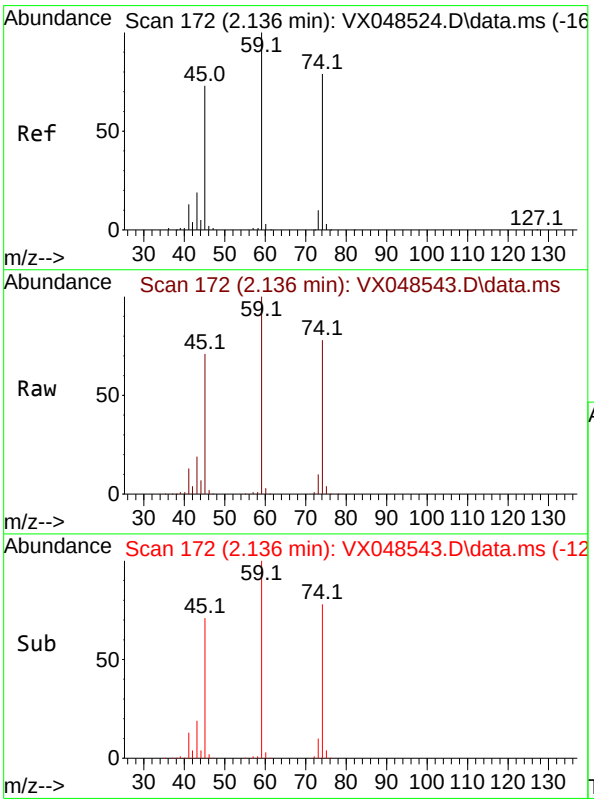
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 226787

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.2	67.8

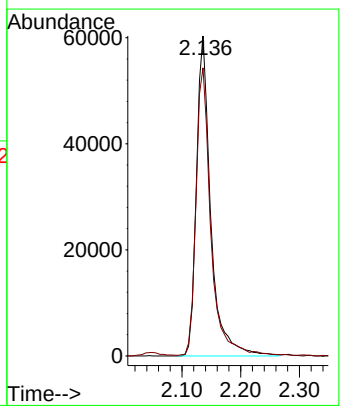


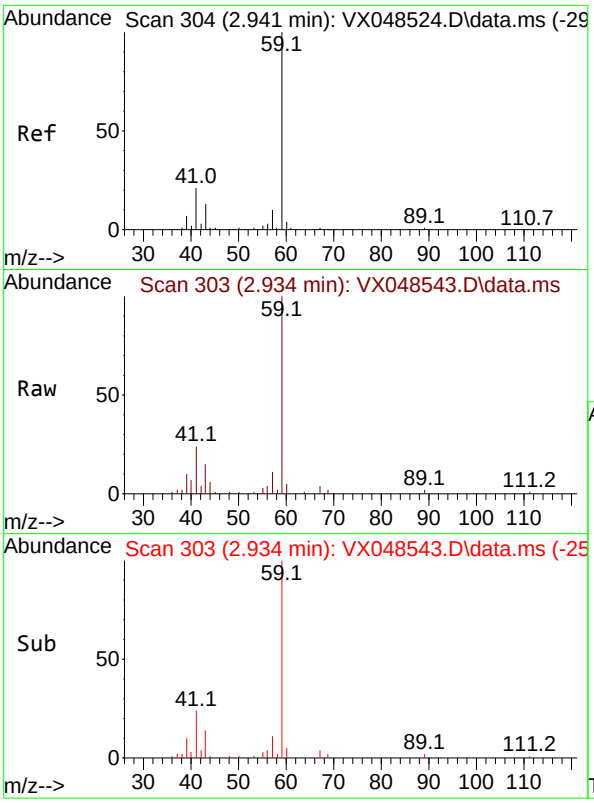


#8
Diethyl Ether
Concen: 58.408 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion: 74 Resp: 102359

Ion	Ratio	Lower	Upper
74	100		
45	93.0	45.9	137.6



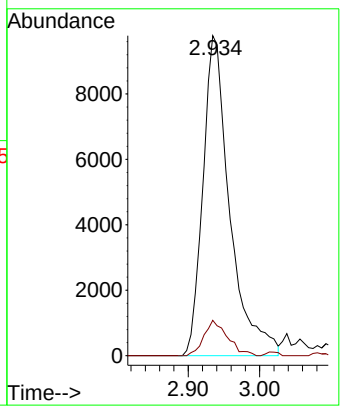


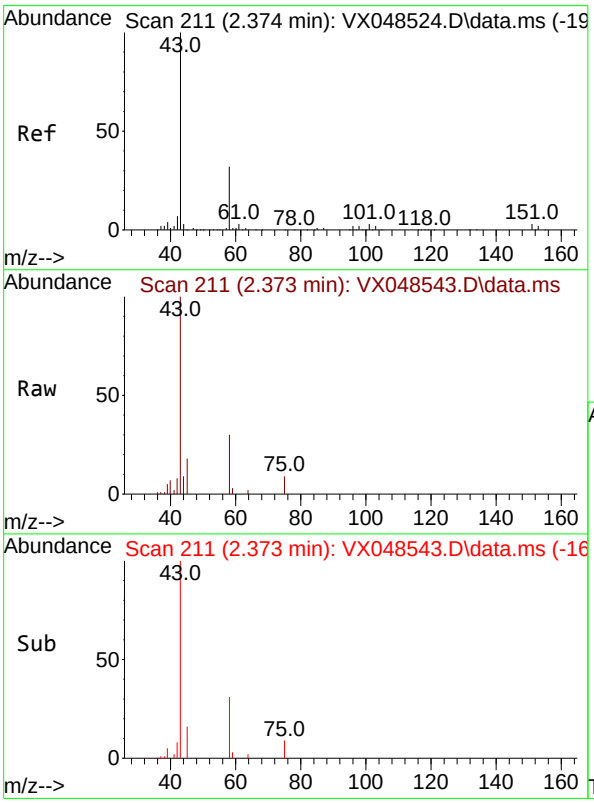
#11
Tert butyl alcohol
Concen: 42.627 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 59 Resp: 25525

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.6	13.0

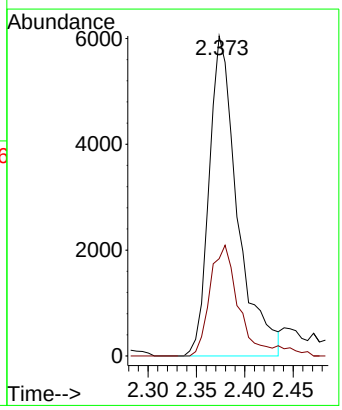


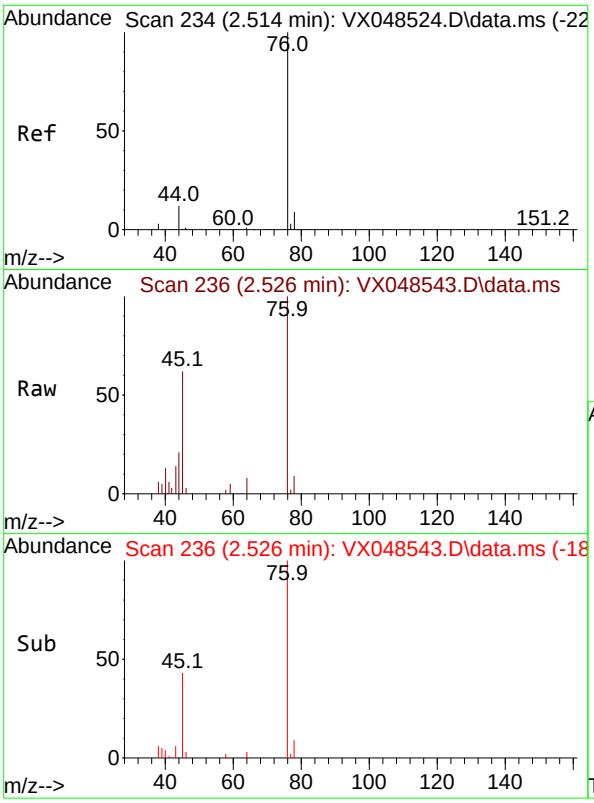


#16
Acetone
Concen: 8.241 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion: 43 Resp: 12328

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.8	38.6



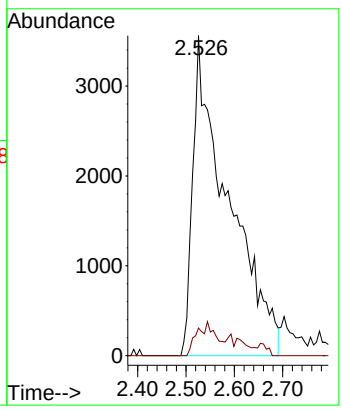


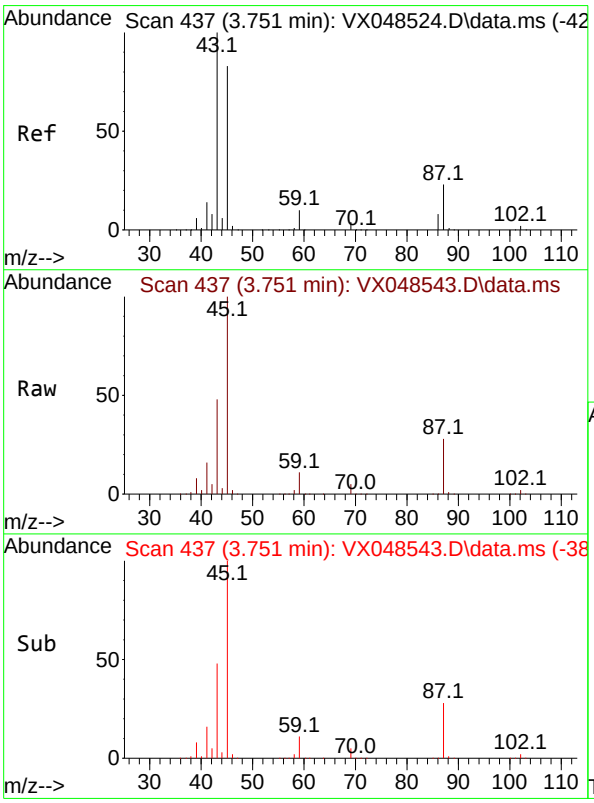
#17
Carbon Disulfide
Concen: 2.407 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 76 Resp: 17881

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

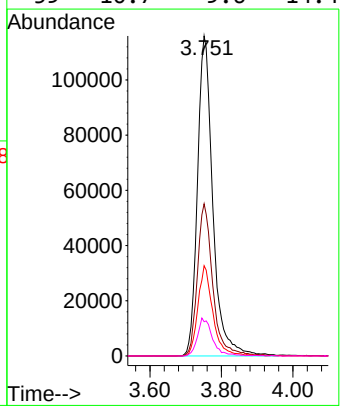


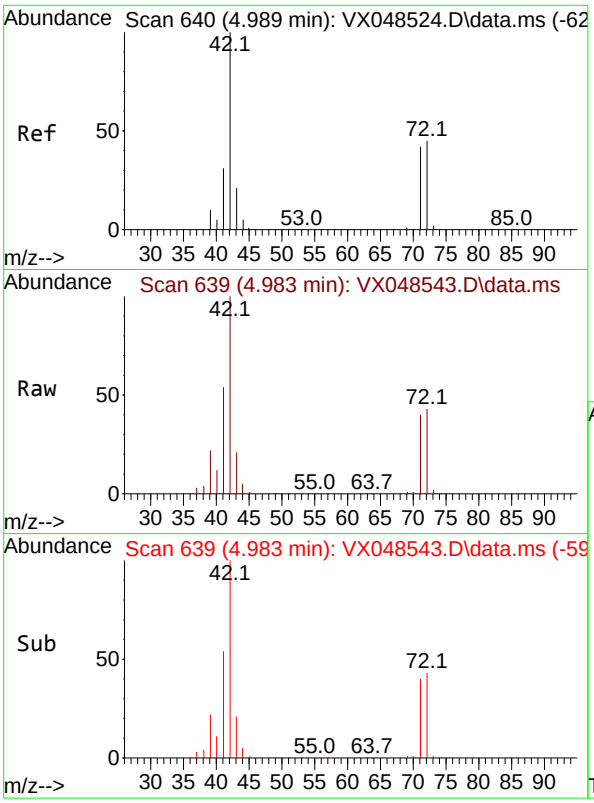


#22
Diisopropyl ether
Concen: 36.691 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion: 45 Resp: 346305

Ion	Ratio	Lower	Upper
45	100		
43	47.5	96.4	144.6#
87	28.2	21.8	32.6
59	10.7	9.6	14.4



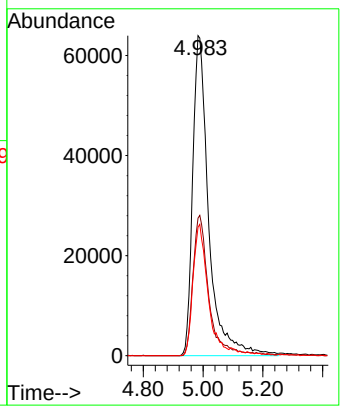


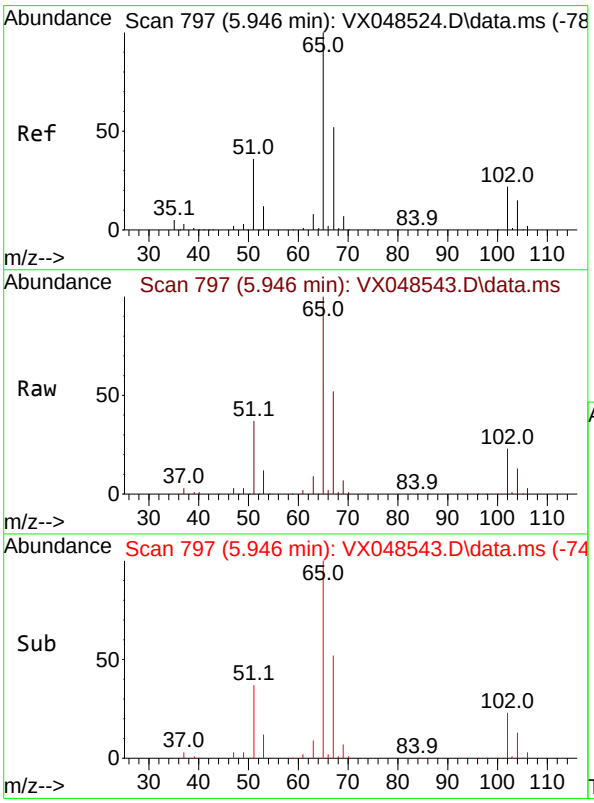
#29
Tetrahydrofuran
Concen: 150.876 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 42 Resp: 238120

Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.3	54.5
71	37.9	34.1	51.1

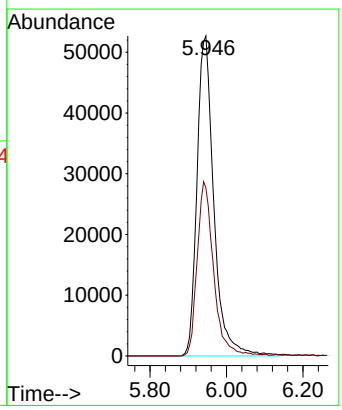


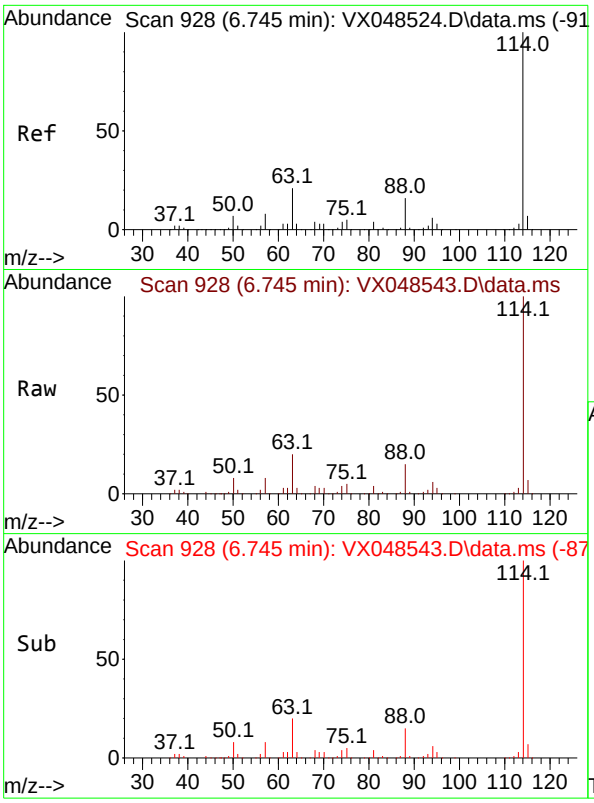


#33
1,2-Dichloroethane-d4
Concen: 50.860 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion: 65 Resp: 160723

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2



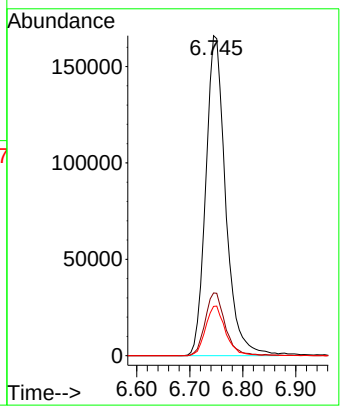


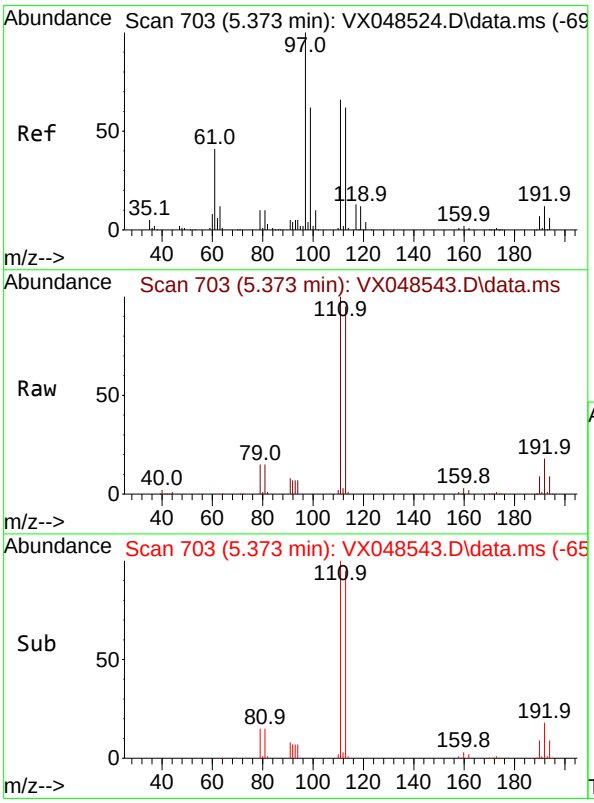
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 431937

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.2
88	15.4	0.0	32.2

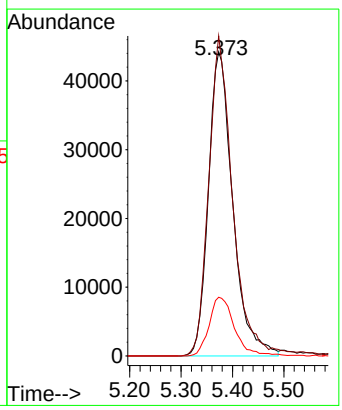


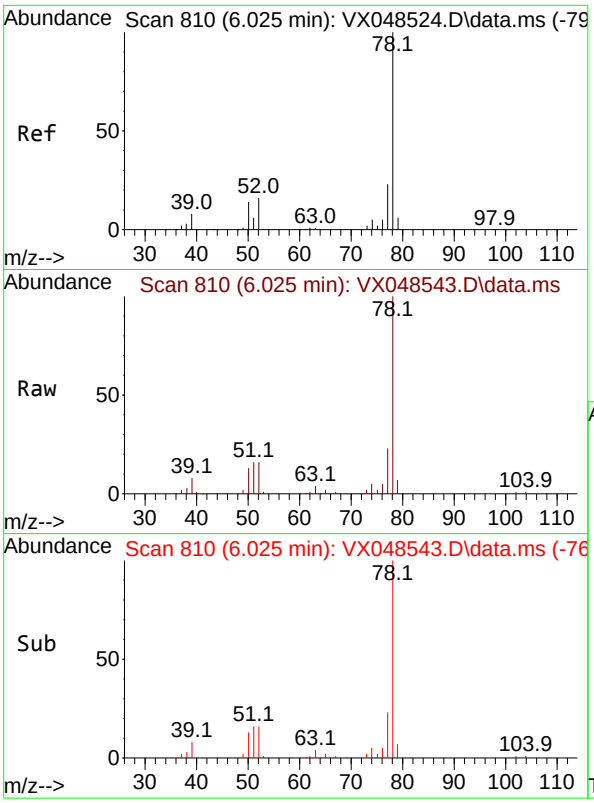


#35
Dibromofluoromethane
Concen: 44.547 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion:113 Resp: 145632

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	20.1	15.8	23.6



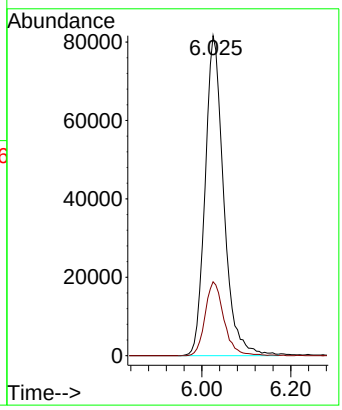


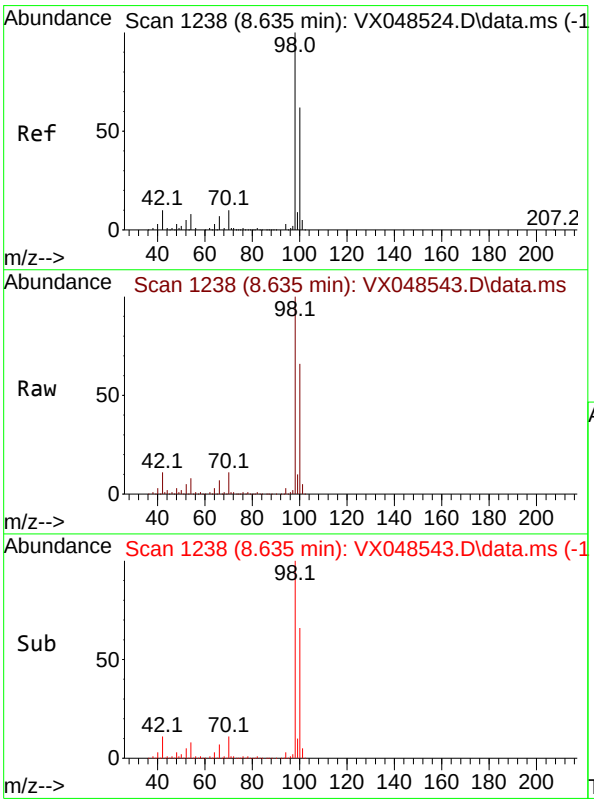
#40
Benzene
Concen: 17.530 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 78 Resp: 237868

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5

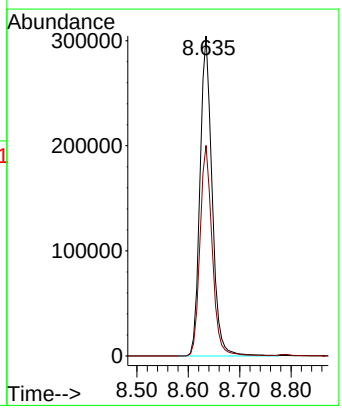


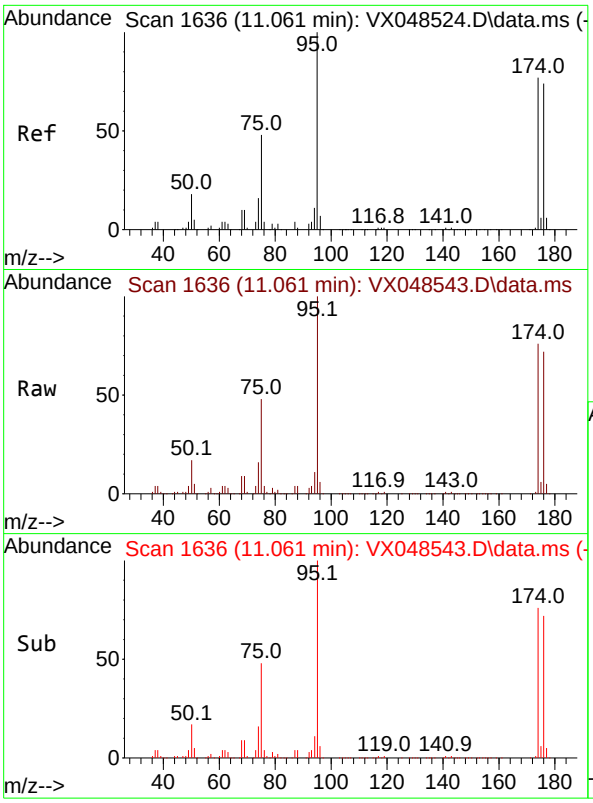


#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion: 98 Resp: 497489

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.6	80.4



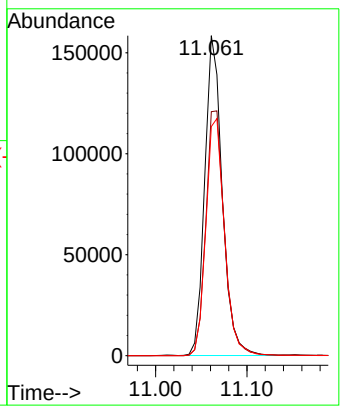


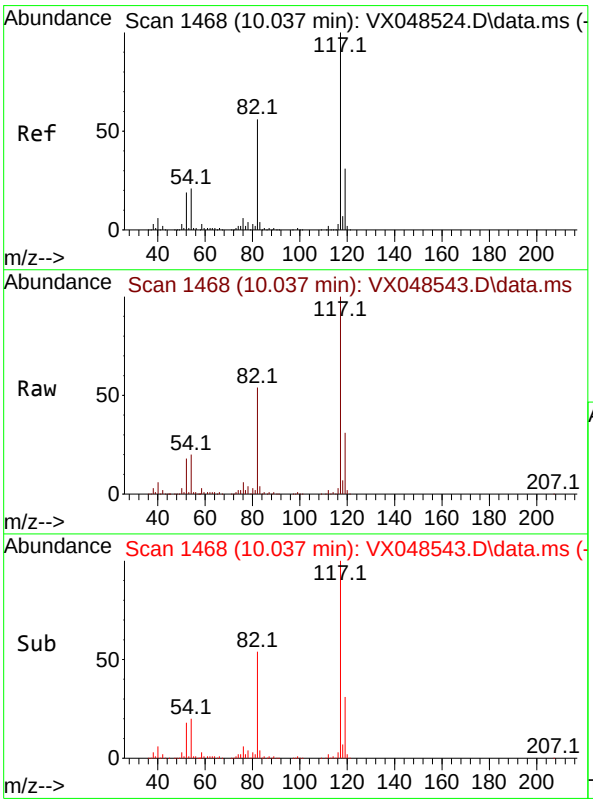
#62
4-Bromofluorobenzene
Concen: 55.405 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 210524

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	161.8
176	79.0	0.0	153.6

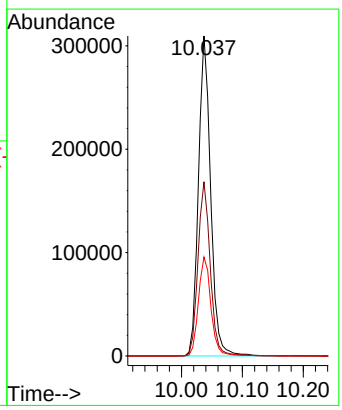


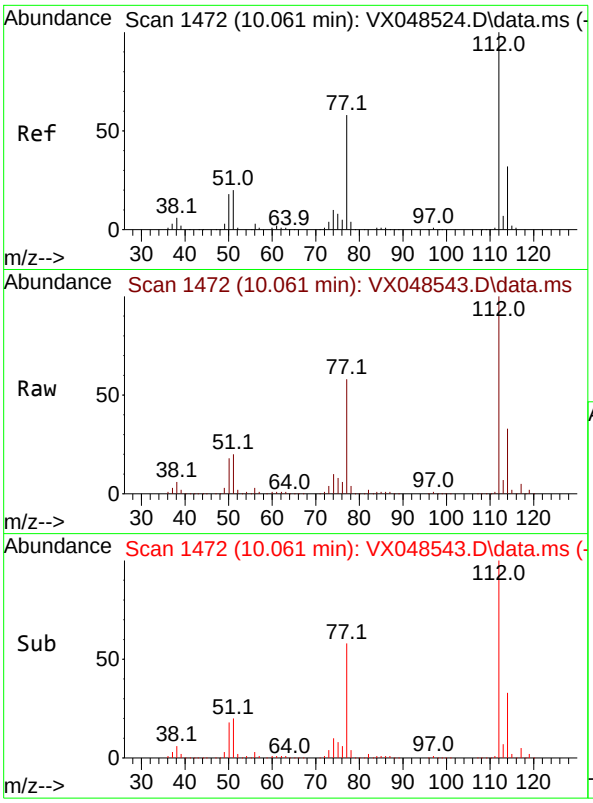


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion:117 Resp: 431296

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.4	66.6
119	30.9	25.1	37.7



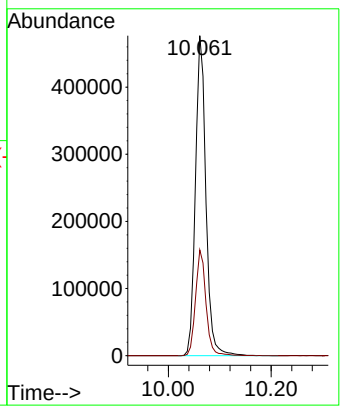


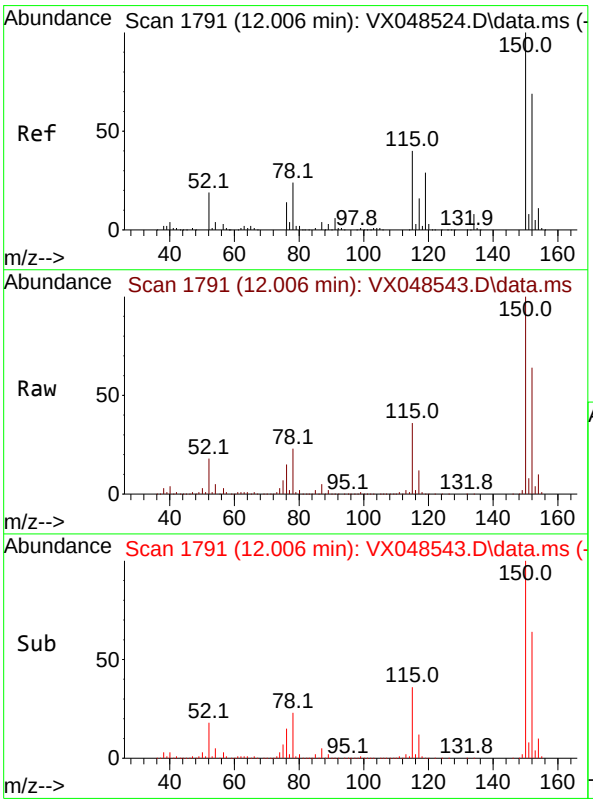
#65
Chlorobenzene
Concen: 65.951 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 675136

Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.5	38.3

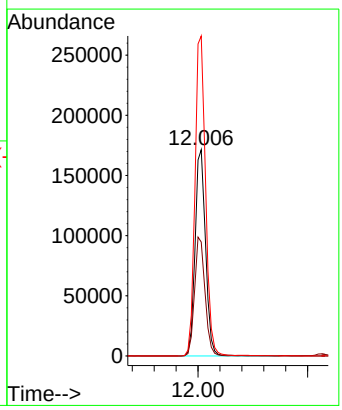


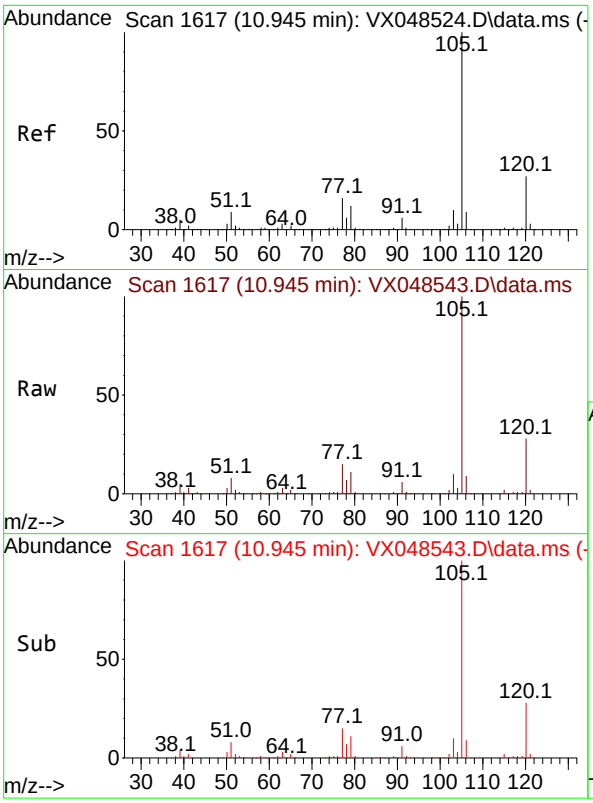


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Tgt Ion:152 Resp: 228614

Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.2	117.6
150	156.2	0.0	347.0



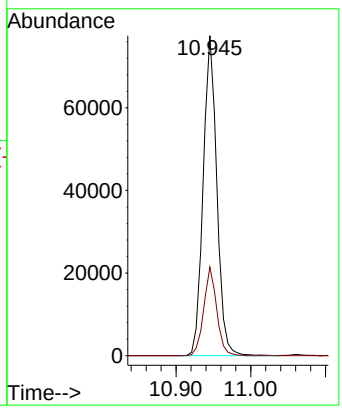


#73
Isopropylbenzene
Concen: 5.922 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048543.D
Acq: 10 Nov 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 98271

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.6	40.7



Sample Results: **VX048543.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	11	13	26	rVB2	20186	41069	1.87%	0.318%
2	2.136	166	172	188	rBV	242122	416541	19.00%	3.221%
3	2.380	206	212	223	rBV3	12725	31737	1.45%	0.245%
4	2.934	296	303	314	rBV	19582	49019	2.24%	0.379%
5	3.751	425	437	463	rBV	273076	815571	37.20%	6.306%
6	4.538	555	566	579	rBV	28446	105948	4.83%	0.819%
7	4.989	629	640	662	rBV	199504	719646	32.82%	5.564%
8	5.373	692	703	720	rBV3	143507	465698	21.24%	3.601%
9	5.538	720	730	748	rVB	204667	636488	29.03%	4.921%
10	5.946	786	797	803	rBV	144841	411074	18.75%	3.178%
11	6.025	803	810	830	rVV2	176298	536837	24.48%	4.151%
12	6.208	830	840	852	rVV2	22729	75276	3.43%	0.582%
13	6.330	854	860	873	rVB3	14735	42383	1.93%	0.328%
14	6.745	918	928	946	rBV	376620	1013294	46.21%	7.835%
15	8.635	1231	1238	1257	rBV	782234	1295163	59.07%	10.014%
16	8.787	1257	1263	1271	rVB2	14413	26521	1.21%	0.205%
17	9.153	1318	1323	1331	rBV	18645	31472	1.44%	0.243%
18	10.037	1462	1468	1469	rBV	925659	1072424	48.91%	8.292%
19	10.061	1469	1472	1478	rVV	1510817	2192587	100.00%	16.953%
20	10.110	1478	1480	1489	rVB	61554	94346	4.30%	0.729%
21	10.945	1611	1617	1624	rBV	185208	238553	10.88%	1.844%
22	11.061	1631	1636	1647	rBV	725113	999265	45.57%	7.726%
23	11.829	1753	1762	1766	rBV	23919	46545	2.12%	0.360%
24	11.866	1766	1768	1774	rVB2	28968	38501	1.76%	0.298%
25	12.000	1785	1790	1798	rBV	986318	1369312	62.45%	10.587%
26	12.225	1821	1827	1832	rVV3	22049	35713	1.63%	0.276%
27	12.402	1851	1856	1865	rBV5	17558	32753	1.49%	0.253%
28	12.817	1917	1924	1929	rBV2	22648	38857	1.77%	0.300%
29	13.109	1967	1972	1974	rBV2	21673	30476	1.39%	0.236%
30	13.140	1974	1977	1983	rVB4	21070	30438	1.39%	0.235%

Sum of corrected areas: 12933507

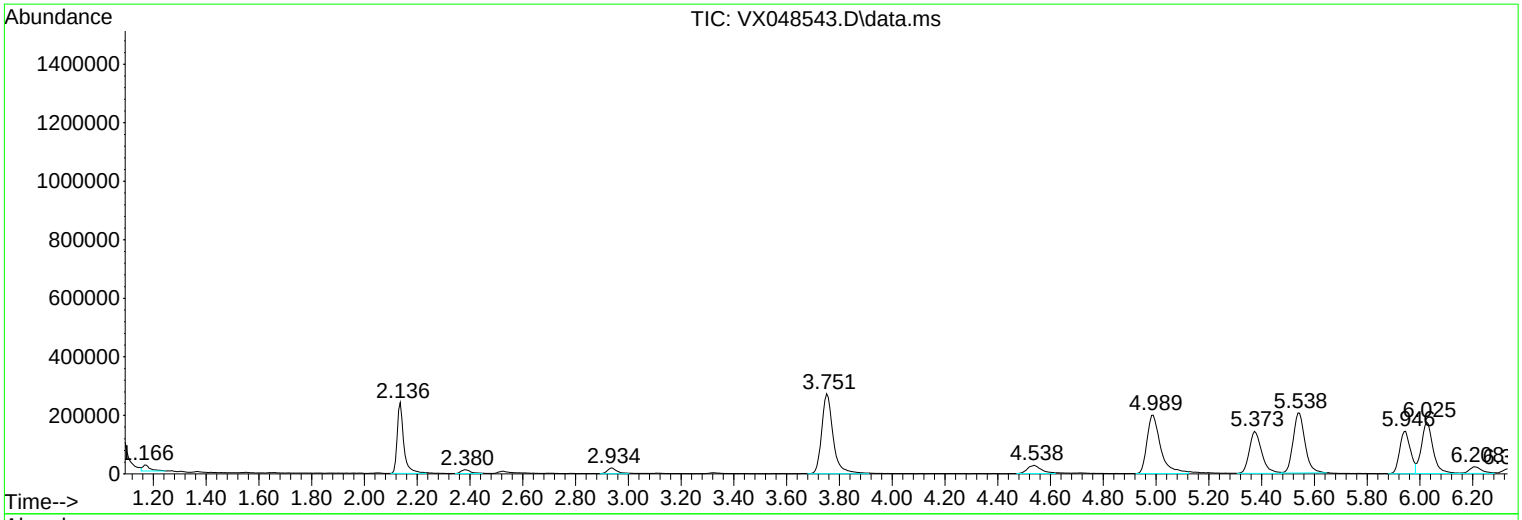
Sample Results: **VX048543.D**

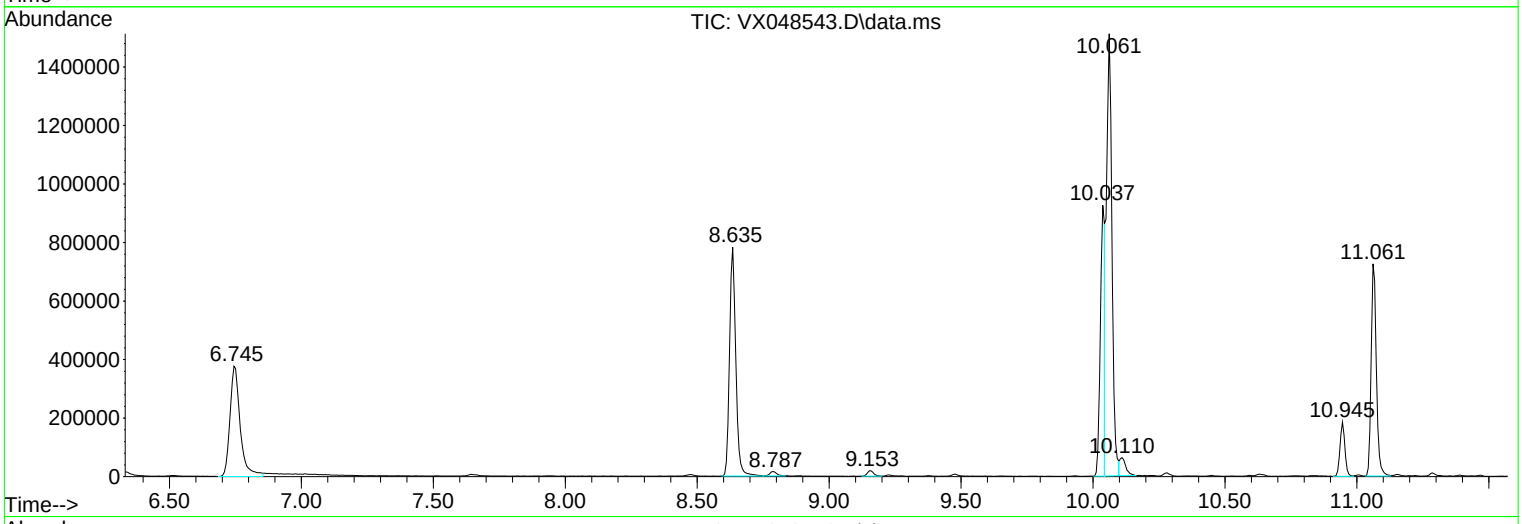
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

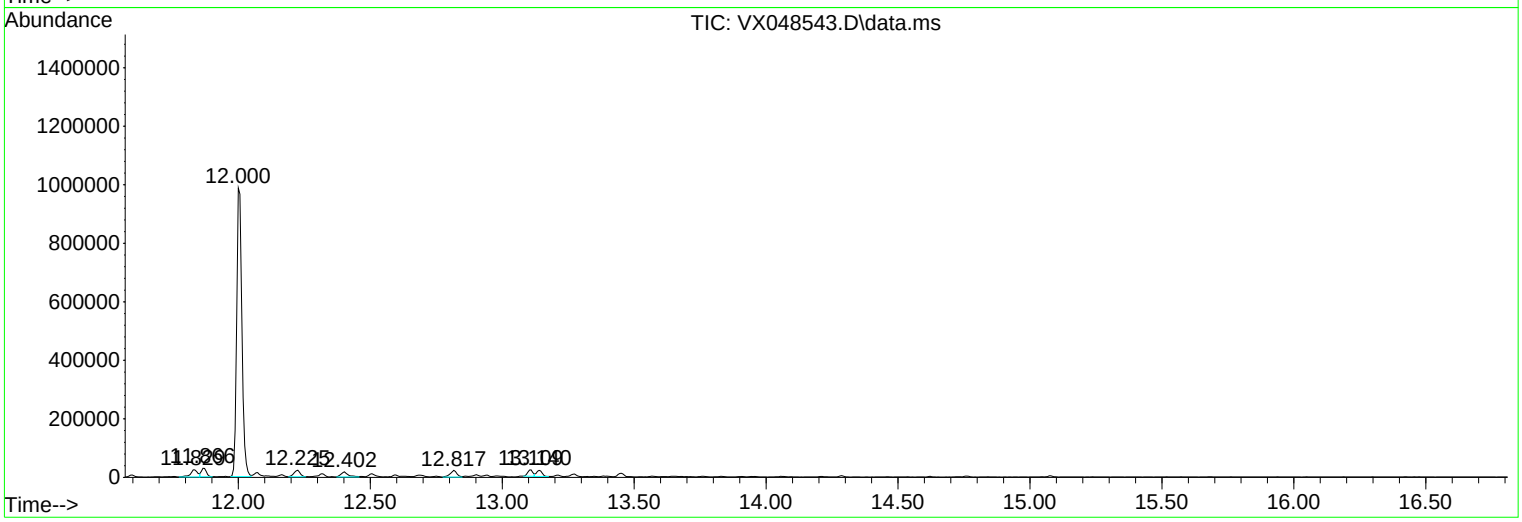
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048543.D
Acq On : 10 Nov 2025 16:29
Operator : JC/MD
Sample : Q3569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Nov 11 00:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

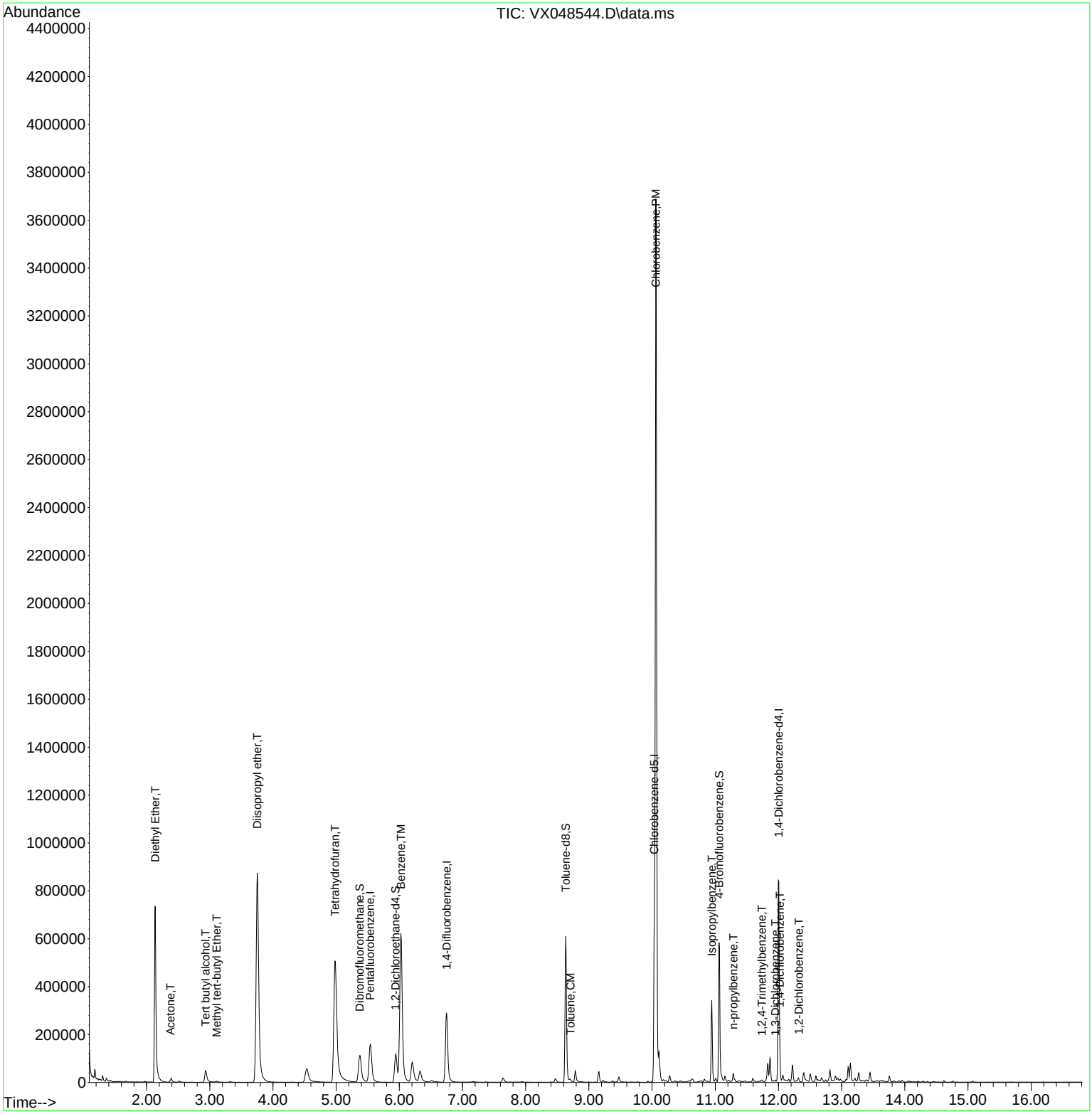
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	174503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	338583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	347291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	188428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125208	51.493	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.980%			
35) Dibromofluoromethane	5.373	113	115346	45.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.020%			
50) Toluene-d8	8.635	98	386609	48.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.061	95	169847	57.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.040%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	306538	227.324	ug/l	100
11) Tert butyl alcohol	2.934	59	70181	152.318	ug/l	98
16) Acetone	2.380	43	5589	4.856	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	3922	0.547	ug/l	92
22) Diisopropyl ether	3.751	45	1102242	151.773	ug/l #	50
29) Tetrahydrofuran	4.983	42	581696	479.001	ug/l	100
40) Benzene	6.025	78	842000	79.159	ug/l	99
52) Toluene	8.708	92	2885	0.515	ug/l	98
65) Chlorobenzene	10.061	112	1705157	206.860	ug/l	98
73) Isopropylbenzene	10.945	105	185976	13.597	ug/l	99
78) n-propylbenzene	11.287	91	16519	1.027	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	3570	0.317	ug/l	93
87) 1,3-Dichlorobenzene	11.951	146	1871	0.283	ug/l	93
88) 1,4-Dichlorobenzene	12.024	146	22585	3.303	ug/l	91
91) 1,2-Dichlorobenzene	12.323	146	3569	0.562	ug/l	93

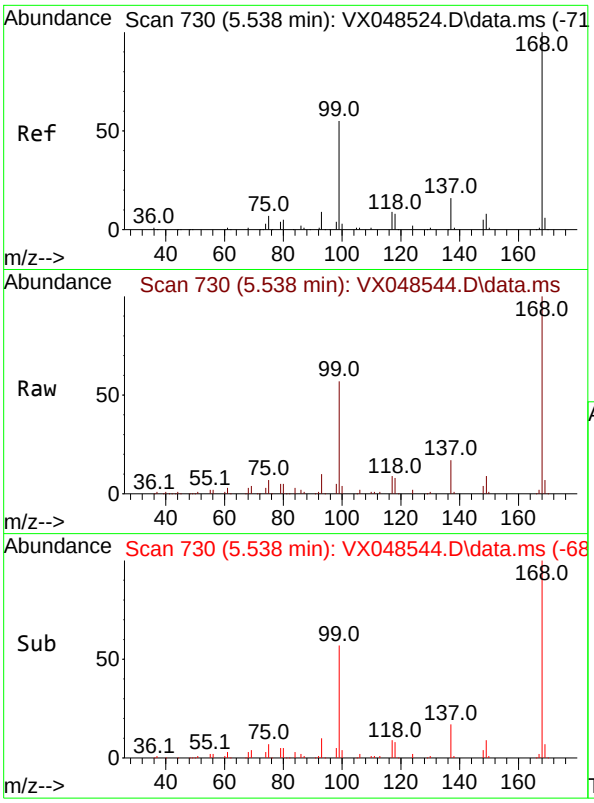
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Nov 11 00:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



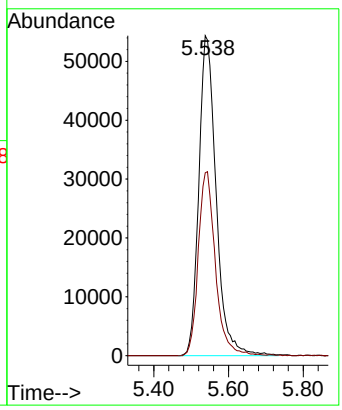


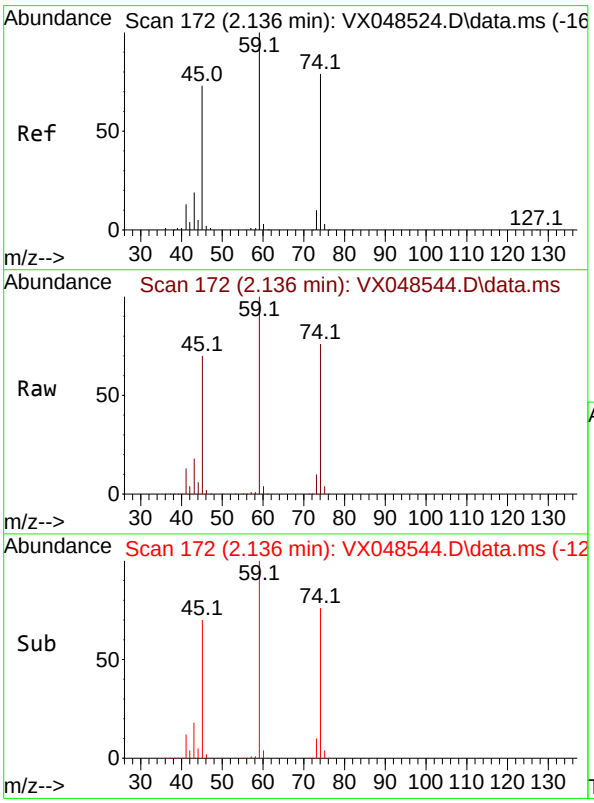
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:168 Resp: 174503

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.2	67.8

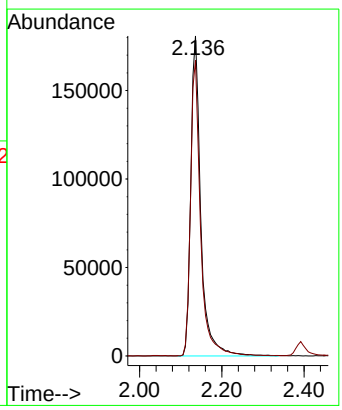


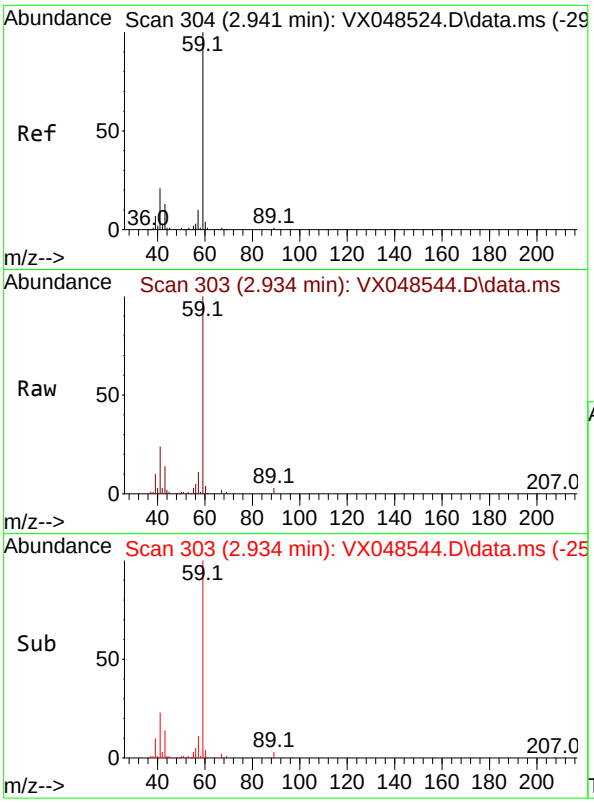


#8
Diethyl Ether
Concen: 227.324 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 74 Resp: 306538

Ion	Ratio	Lower	Upper
74	100		
45	92.0	45.9	137.6



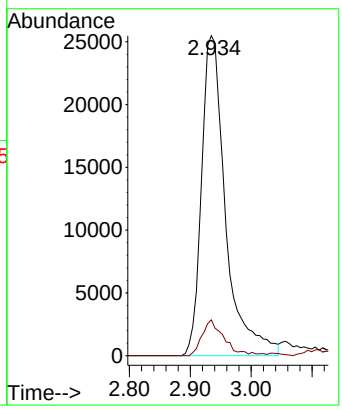


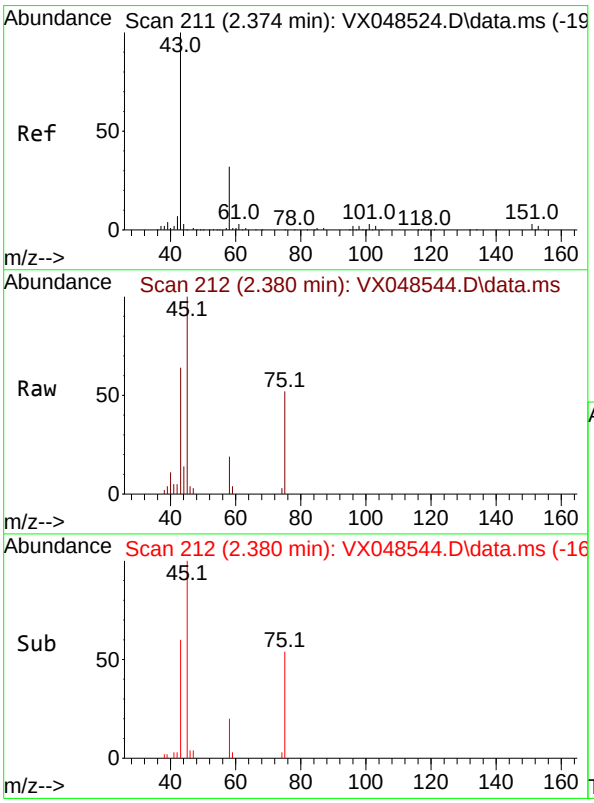
#11
Tert butyl alcohol
Concen: 152.318 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 59 Resp: 70181

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	13.0

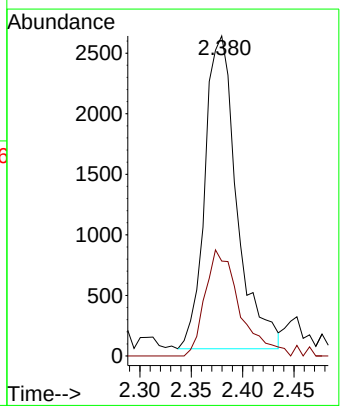




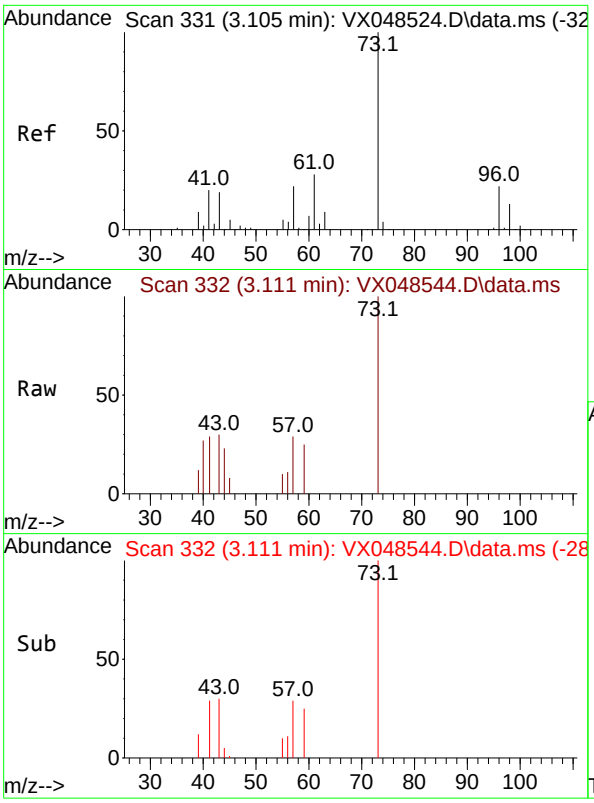
#16
Acetone
Concen: 4.856 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 43 Resp: 5589

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.8	38.6



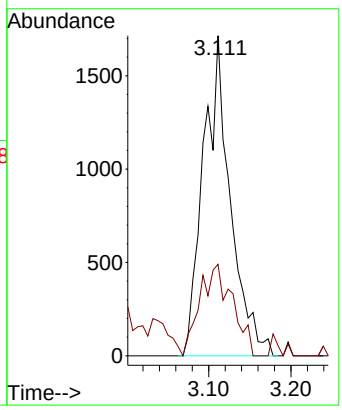
Instrument :
MSVOA_X
ClientSampleId :
MW-12

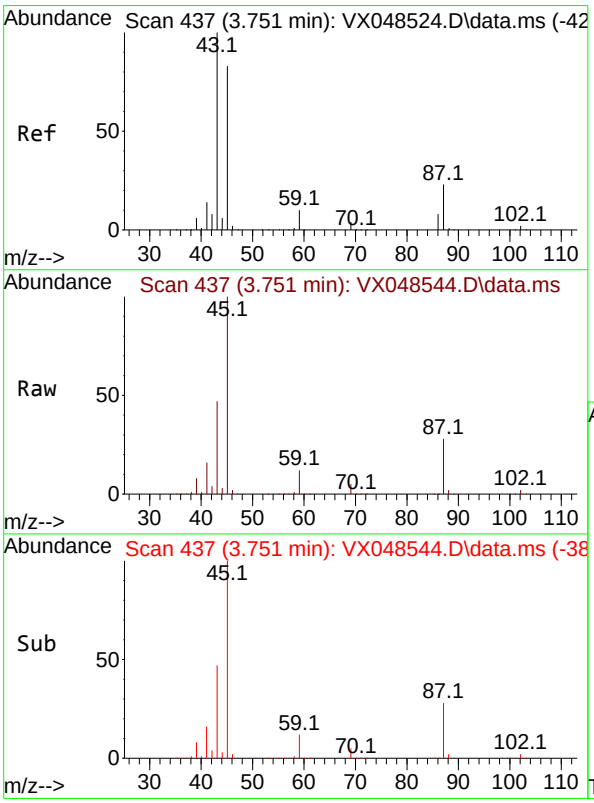


#19
Methyl tert-butyl Ether
Concen: 0.547 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 73 Resp: 3922

Ion	Ratio	Lower	Upper
73	100		
57	25.5	17.3	25.9

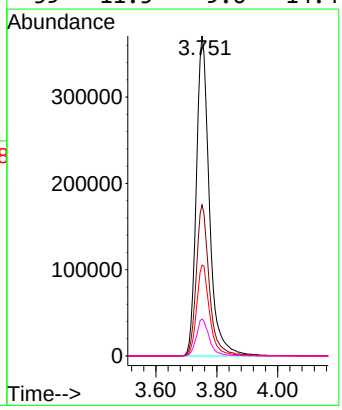


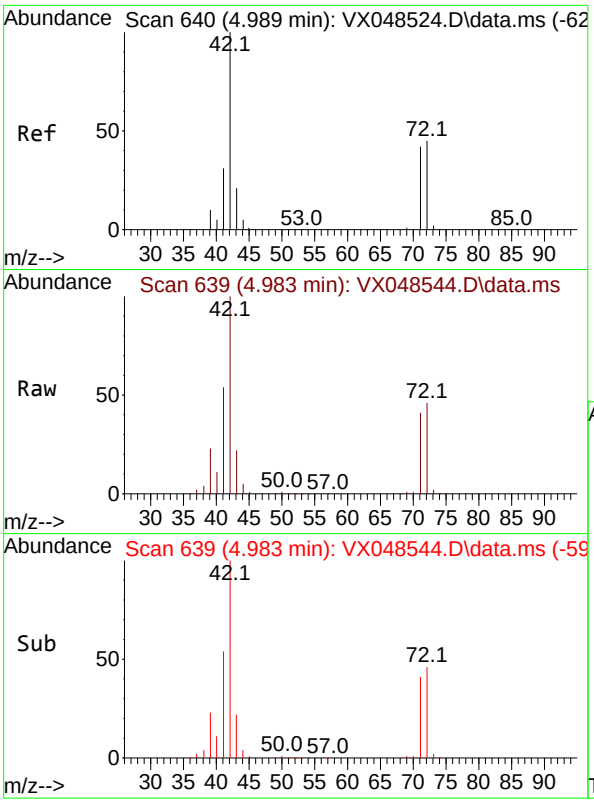


#22
Diisopropyl ether
Concen: 151.773 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 45 Resp: 1102242

Ion	Ratio	Lower	Upper
45	100		
43	47.2	96.4	144.6#
87	28.4	21.8	32.6
59	11.5	9.6	14.4



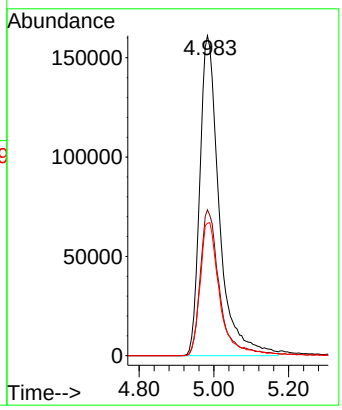


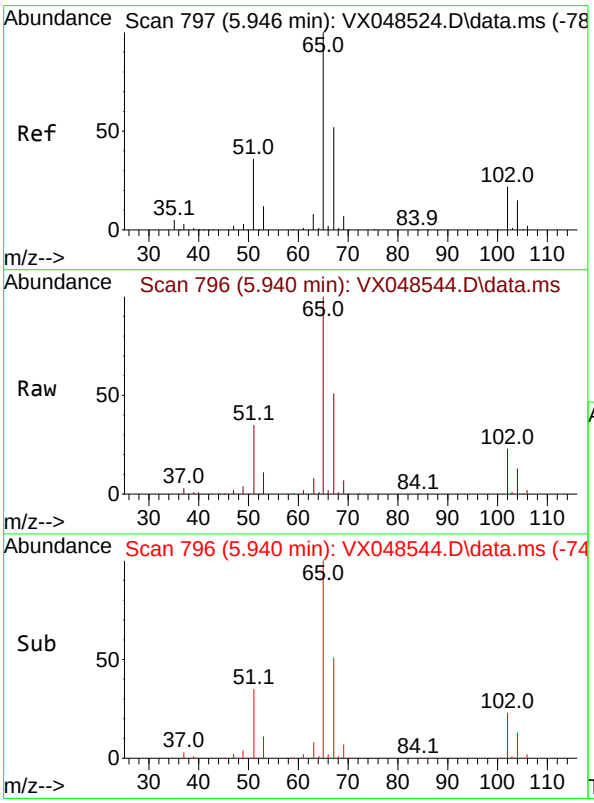
#29
Tetrahydrofuran
Concen: 479.001 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 42 Resp: 581696

Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.3	54.5
71	42.4	34.1	51.1

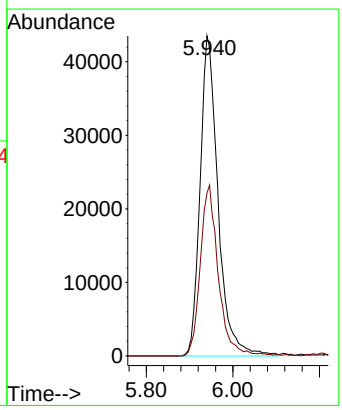


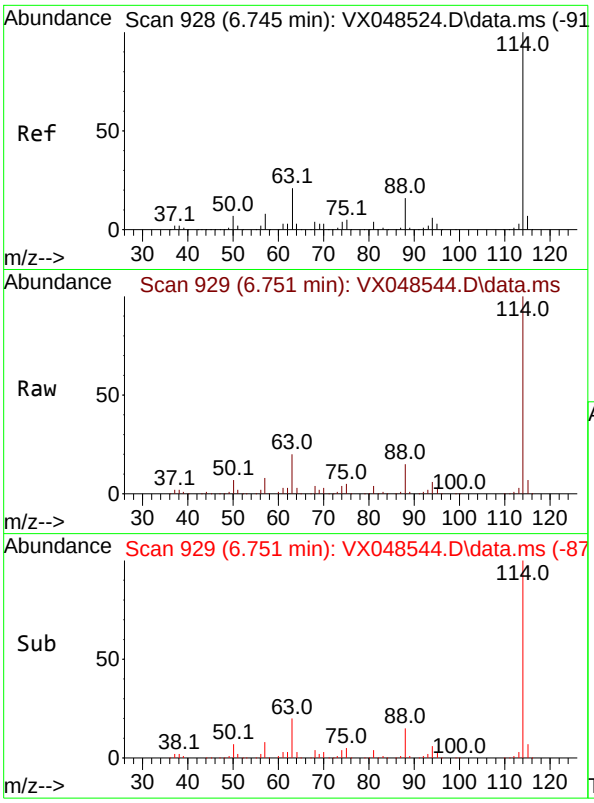


#33
1,2-Dichloroethane-d4
Concen: 51.493 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 65 Resp: 125208

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.2



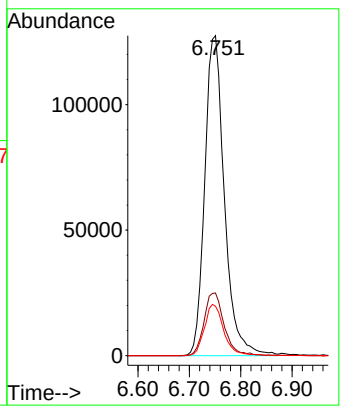


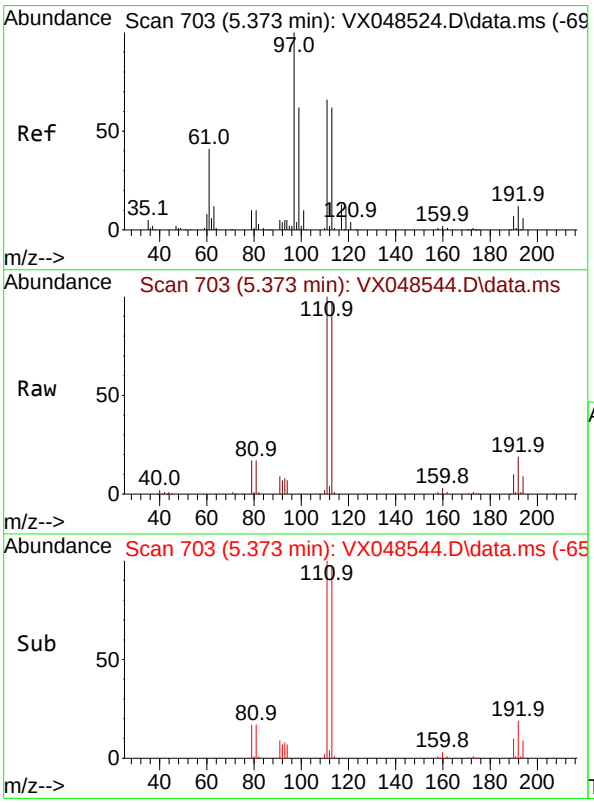
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:114 Resp: 338583

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.2
88	15.4	0.0	32.2

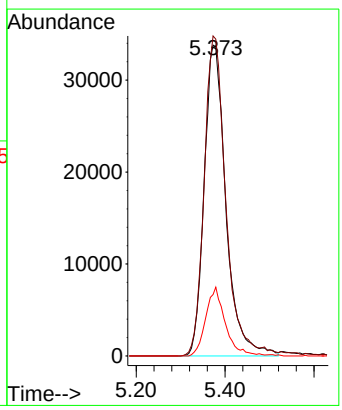


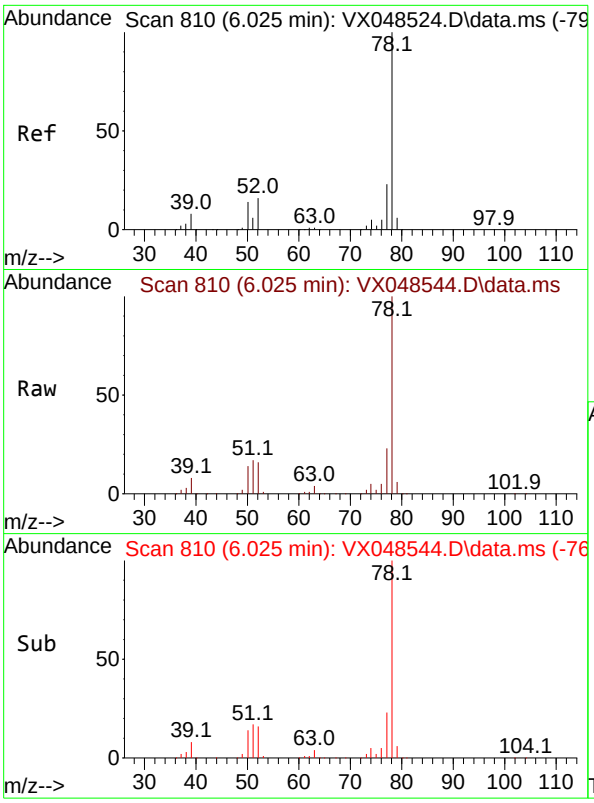


#35
Dibromofluoromethane
Concen: 45.011 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion:113 Resp: 115346

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.9	15.8	23.6



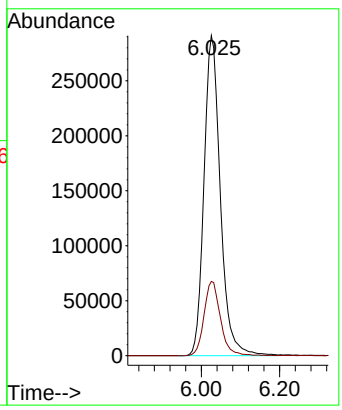


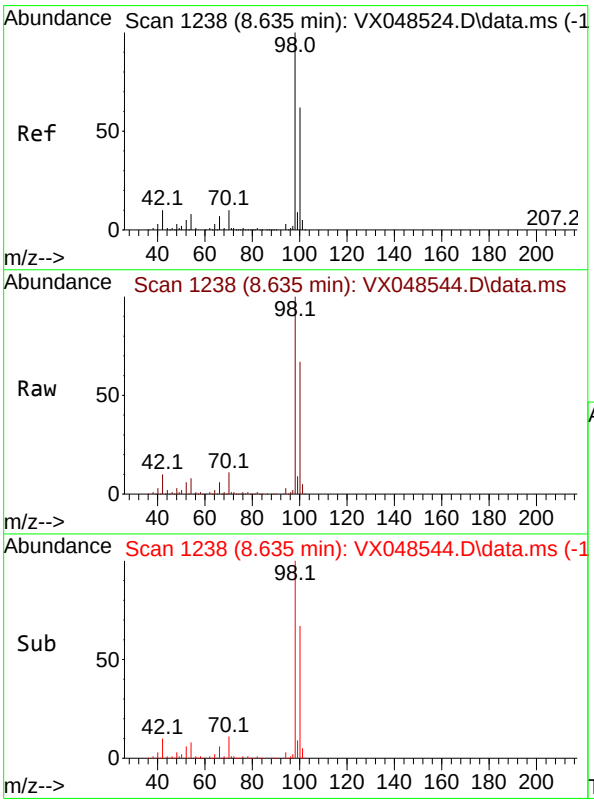
#40
Benzene
Concen: 79.159 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 78 Resp: 842000

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5

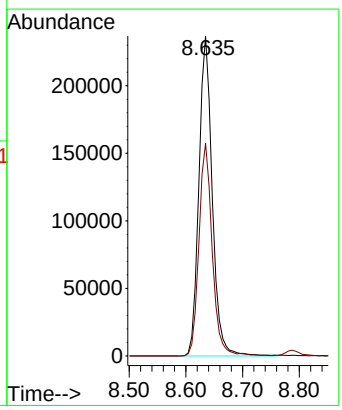


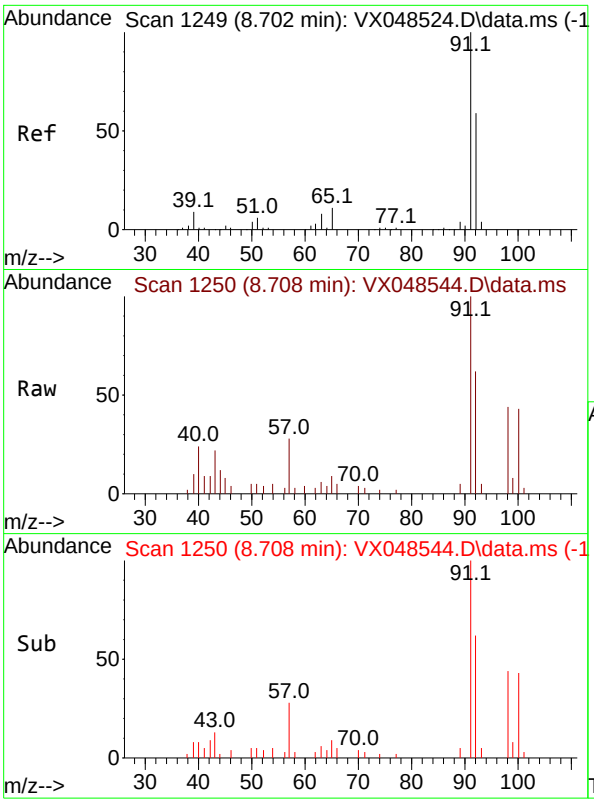


#50
Toluene-d8
Concen: 48.372 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 98 Resp: 386609

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.6	80.4



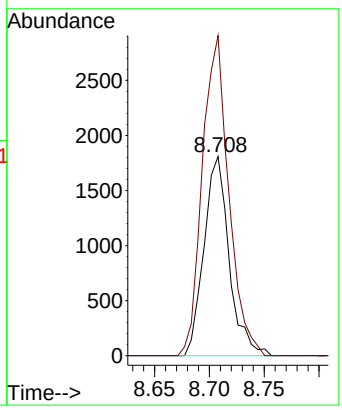


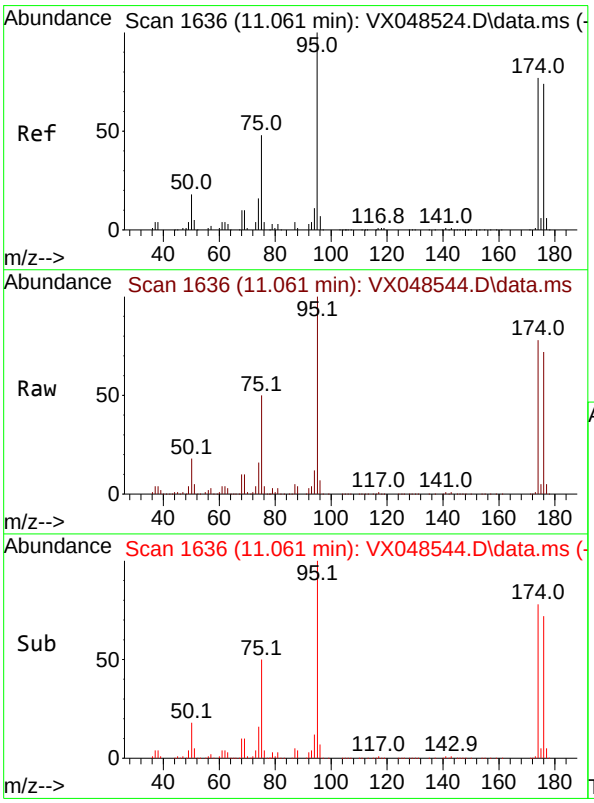
#52
Toluene
Concen: 0.515 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 92 Resp: 2885

Ion	Ratio	Lower	Upper
92	100		
91	168.7	137.0	205.6

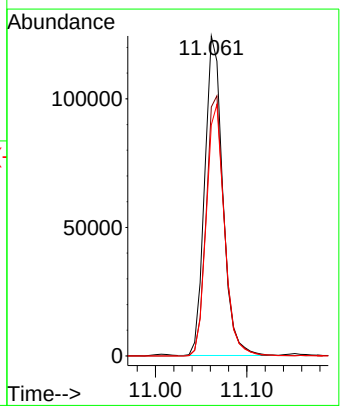


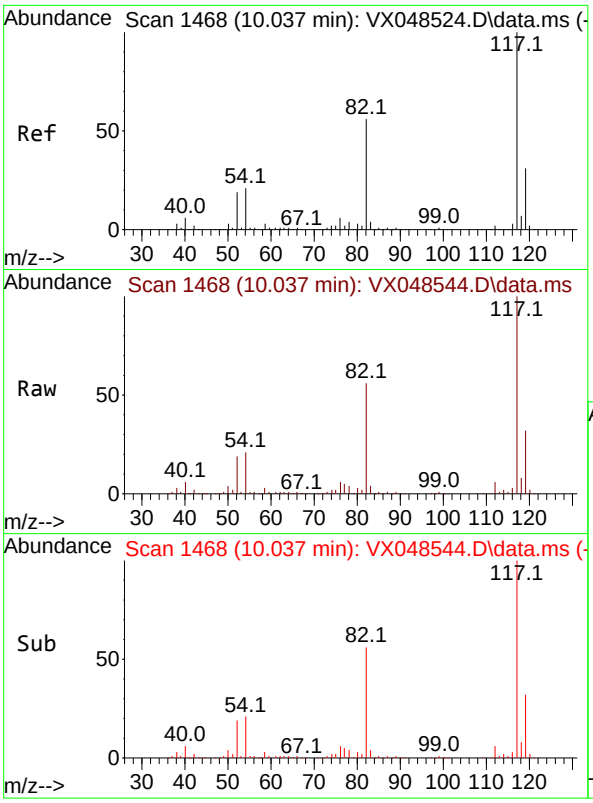


#62
4-Bromofluorobenzene
Concen: 57.025 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion: 95 Resp: 169847

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	161.8
176	79.3	0.0	153.6



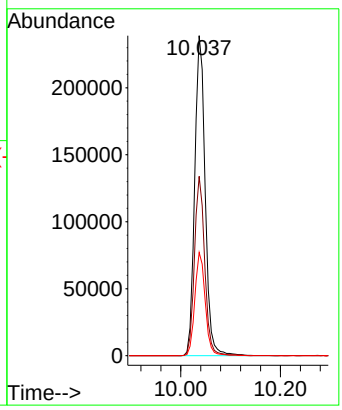


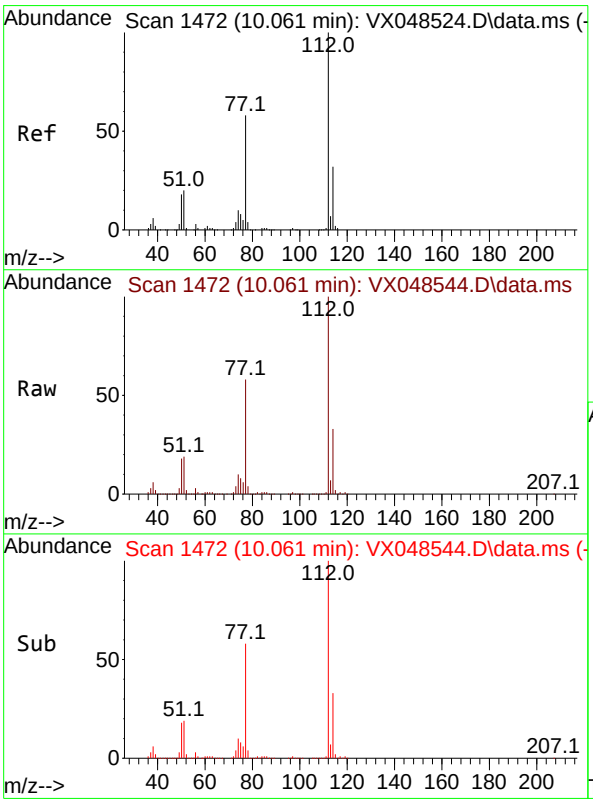
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:117 Resp: 347291

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.3	25.1	37.7

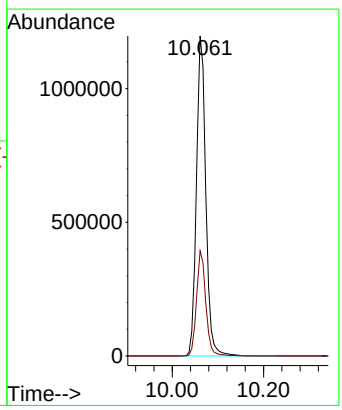


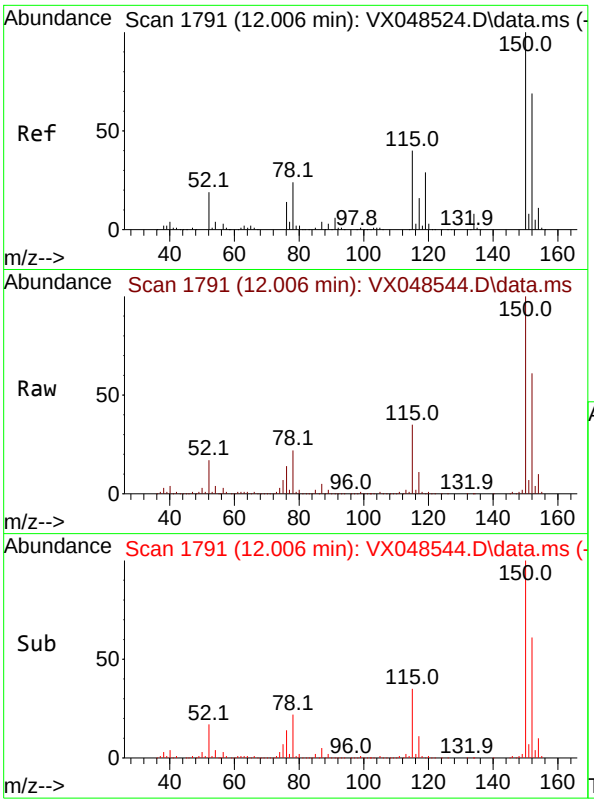


#65
Chlorobenzene
Concen: 206.860 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion:112 Resp: 1705157

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3



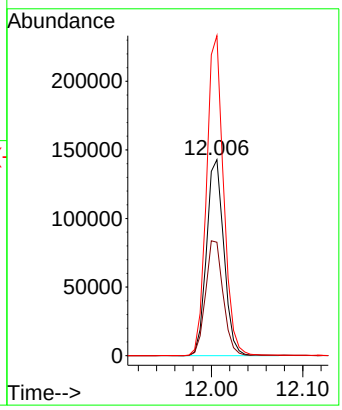


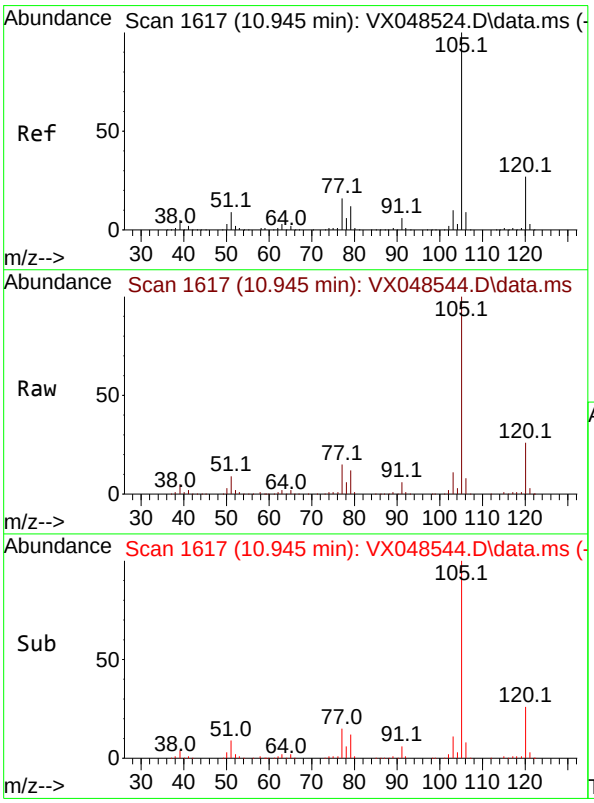
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 188428

Ion	Ratio	Lower	Upper
152	100		
115	59.3	39.2	117.6
150	160.0	0.0	347.0

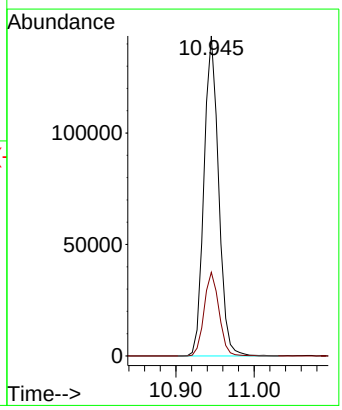


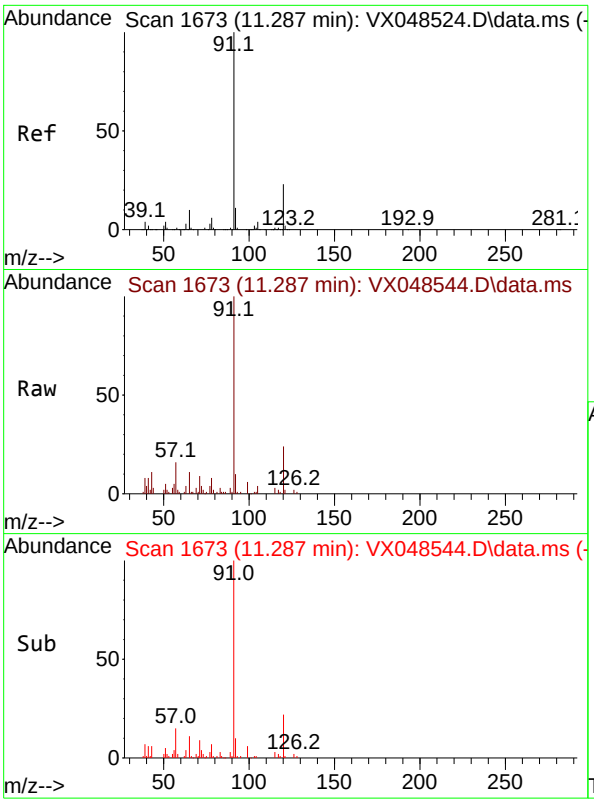


#73
Isopropylbenzene
Concen: 13.597 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion:105 Resp: 185976

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.6	40.7



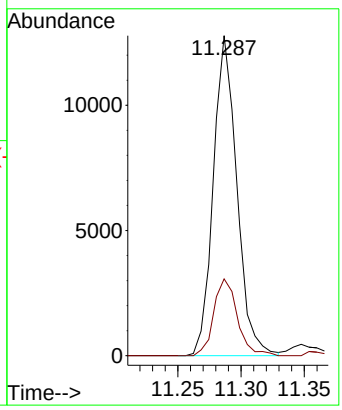


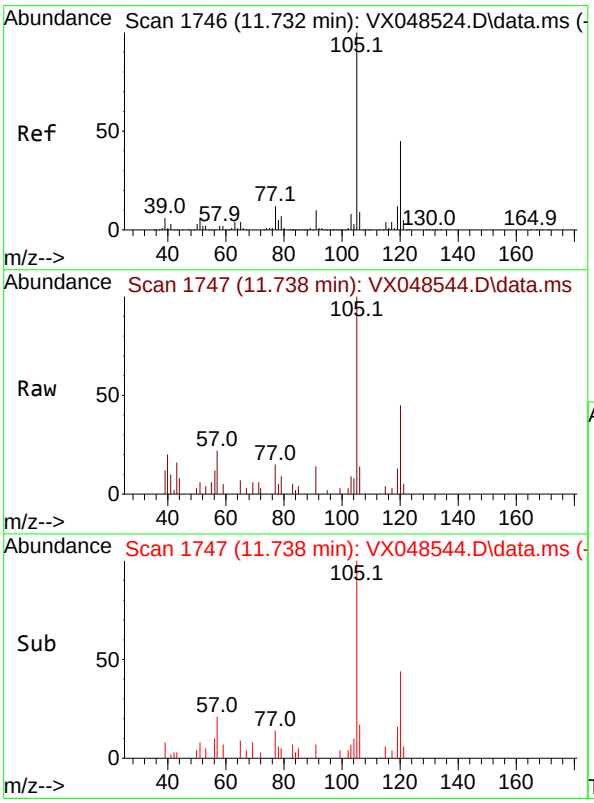
#78
n-propylbenzene
Concen: 1.027 ug/l
RT: 11.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 16519

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.6	34.8

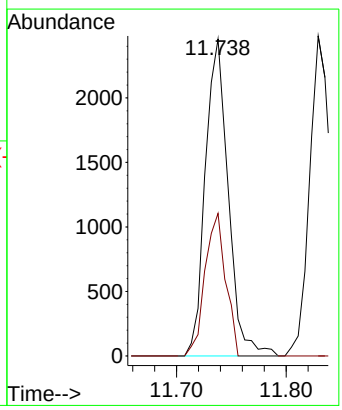


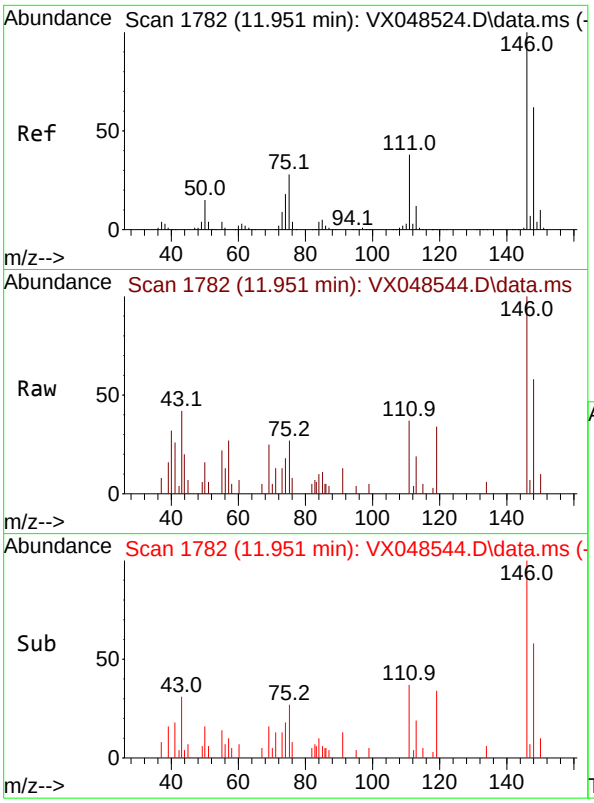


#84
1,2,4-Trimethylbenzene
Concen: 0.317 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion:105 Resp: 3570

Ion	Ratio	Lower	Upper
105	100		
120	40.4	22.4	67.0



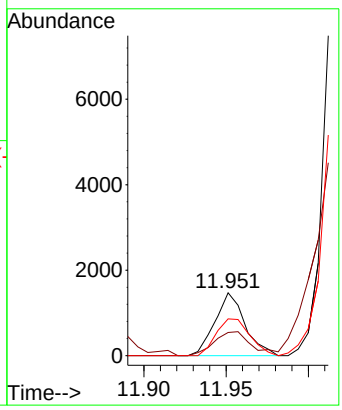


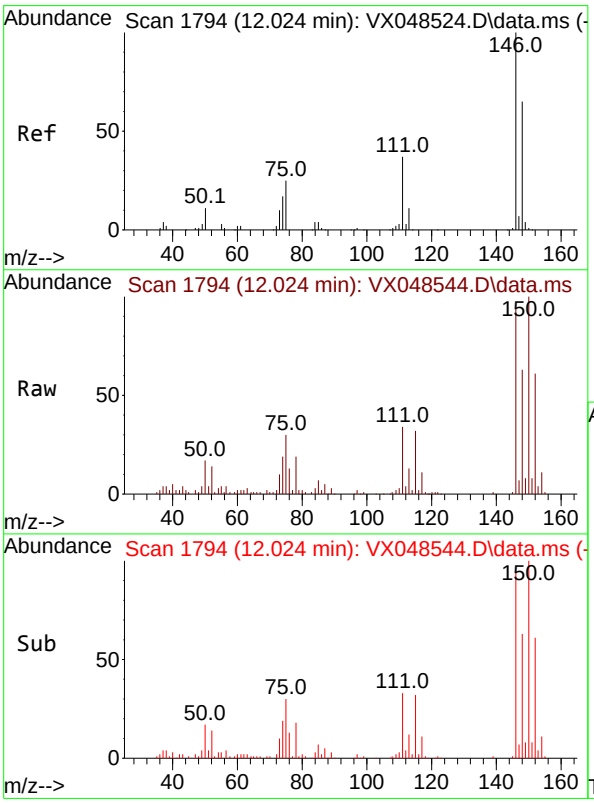
#87
1,3-Dichlorobenzene
Concen: 0.283 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:146 Resp: 1871

Ion	Ratio	Lower	Upper
146	100		
111	47.6	19.8	59.4
148	65.7	31.6	95.0

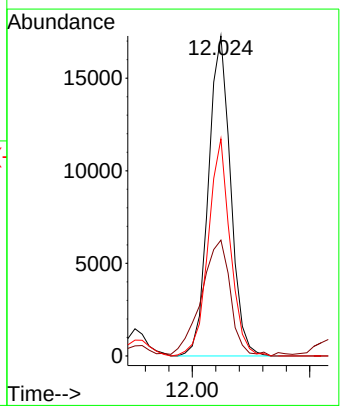


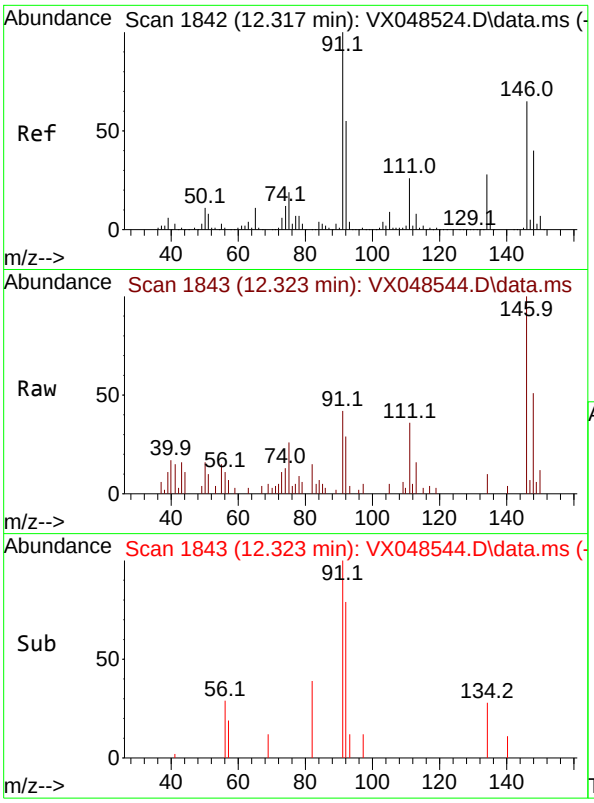


#88
1,4-Dichlorobenzene
Concen: 3.303 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Tgt Ion:146 Resp: 22585

Ion	Ratio	Lower	Upper
146	100		
111	47.6	19.2	57.6
148	67.4	31.9	95.9



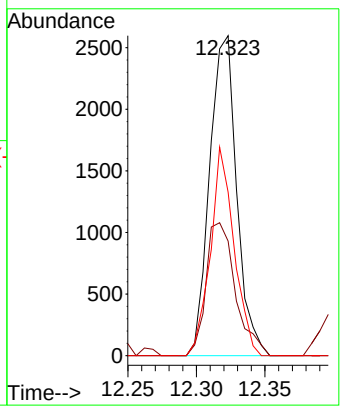


#91
1,2-Dichlorobenzene
Concen: 0.562 ug/l
RT: 12.323 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048544.D
Acq: 10 Nov 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:146 Resp: 3569

Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.6	61.9
148	57.0	31.4	94.2



Sample Results: **VX048544.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.136	166	172	199	rVB	734007	1235023	20.34%	5.947%
2	2.934	295	303	316	rBV	48269	125746	2.07%	0.606%
3	3.751	422	437	469	rBV	872951	2590861	42.66%	12.477%
4	4.538	554	566	587	rBV2	57039	224265	3.69%	1.080%
5	4.983	628	639	672	rBV	506788	1827585	30.09%	8.801%
6	5.373	694	703	720	rBV2	109974	362674	5.97%	1.746%
7	5.544	720	731	749	rVB	156465	492858	8.12%	2.373%
8	5.946	786	797	802	rBV	118141	318948	5.25%	1.536%
9	6.025	802	810	831	rVV	620638	1806091	29.74%	8.697%
10	6.202	831	839	853	rVV	83353	268356	4.42%	1.292%
11	6.324	853	859	881	rVB2	44779	139890	2.30%	0.674%
12	6.745	919	928	952	rBV	286773	771026	12.70%	3.713%
13	8.635	1231	1238	1247	rBV	608528	999120	16.45%	4.811%
14	8.787	1257	1263	1275	rVB	45503	81553	1.34%	0.393%
15	9.159	1318	1324	1330	rBV	44066	76117	1.25%	0.367%
16	10.061	1463	1472	1478	rBV2	3685027	6073302	100.00%	29.247%
17	10.110	1478	1480	1489	rVB	121789	183447	3.02%	0.883%
18	10.945	1611	1617	1623	rBV	340560	443625	7.30%	2.136%
19	11.061	1631	1636	1648	rBV	581261	838720	13.81%	4.039%
20	11.829	1753	1762	1765	rBV	75352	126535	2.08%	0.609%
21	11.866	1765	1768	1773	rVB2	97044	133072	2.19%	0.641%
22	12.000	1785	1790	1798	rBV	837672	1206760	19.87%	5.811%
23	12.225	1820	1827	1834	rBV2	68142	107534	1.77%	0.518%
24	12.402	1850	1856	1868	rBV6	37575	83575	1.38%	0.402%
25	12.817	1917	1924	1929	rBV2	47648	80648	1.33%	0.388%
26	13.103	1967	1971	1974	rBV	54147	70329	1.16%	0.339%
27	13.140	1974	1977	1982	rVB3	73919	98243	1.62%	0.473%

Sum of corrected areas: 20765903

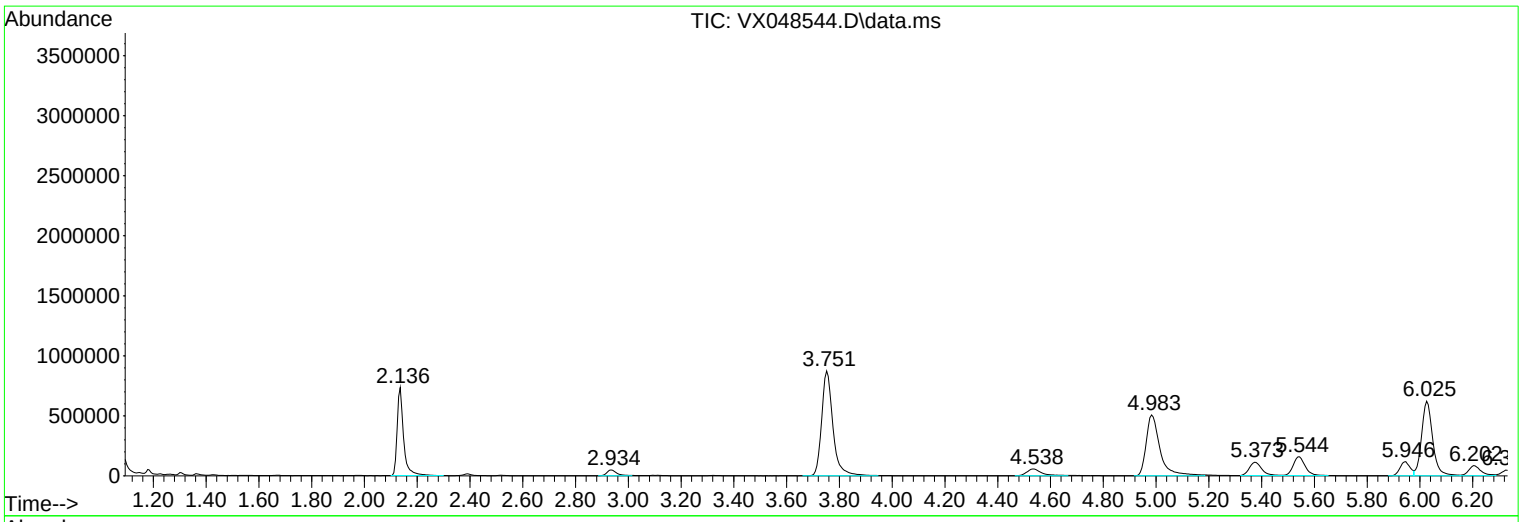
Sample Results: **VX048544.D**

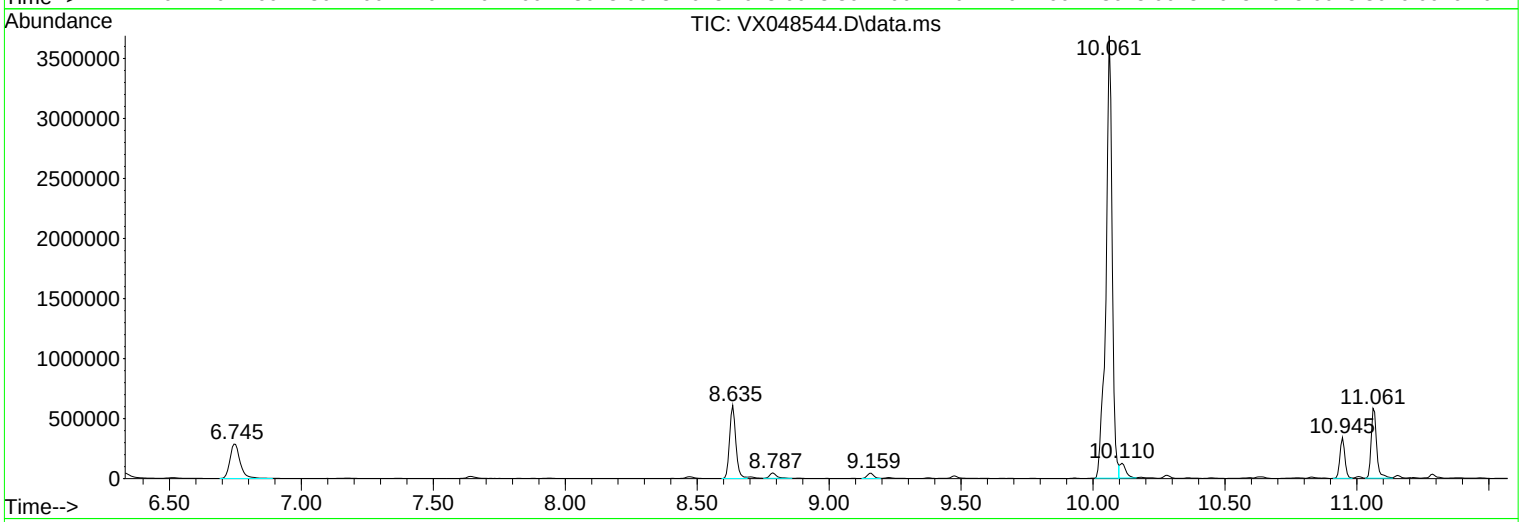
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

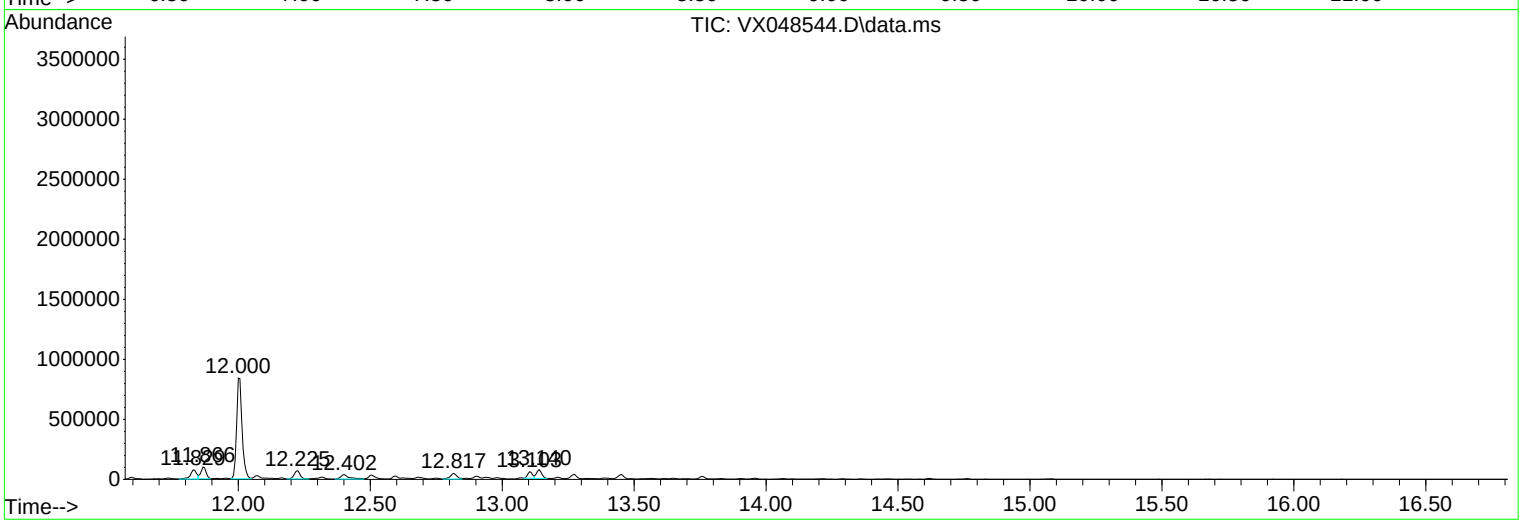
Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Sample Results: **VX048544.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

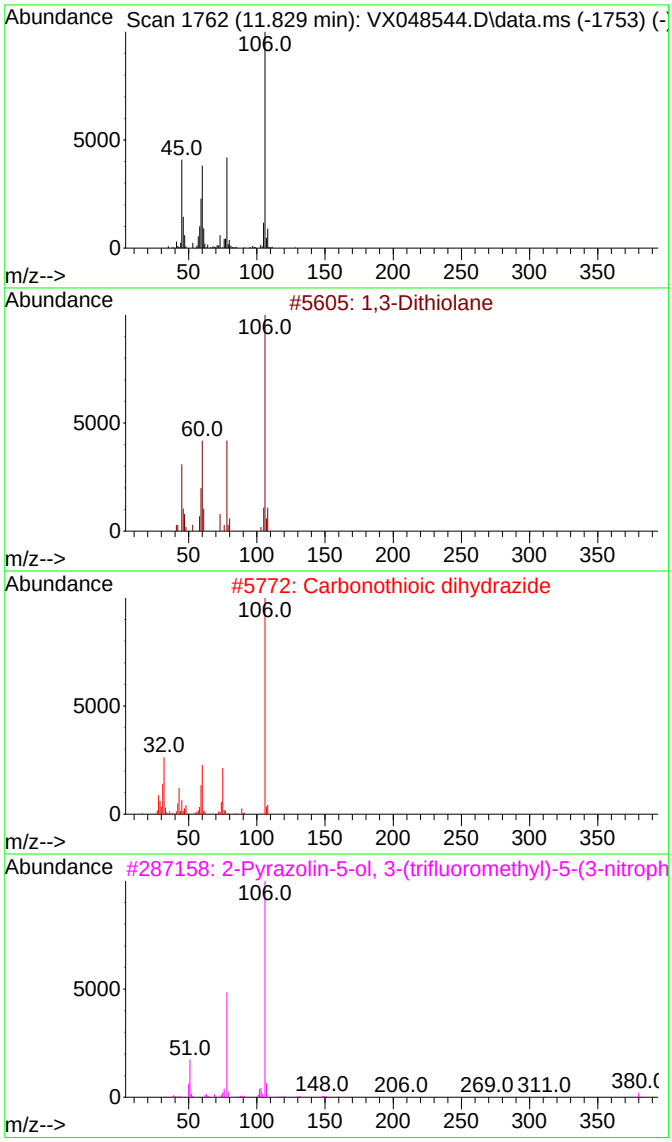
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

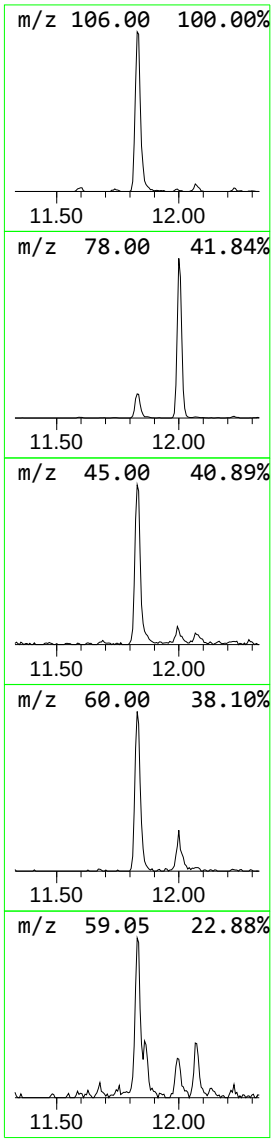
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Dithiolane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.829	5.24 ug/l	126535	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiolane	106	C3H6S2	004829-04-3	91
2	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	23
3	2-Pyrazolin-5-ol, 3-(trifluorome...	380	C16H11F3N4O4	331865-32-8	17
4	2,4-Pentanedione, ion(1-), lithium	106	C5H7LiO2	018115-70-3	10
5	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

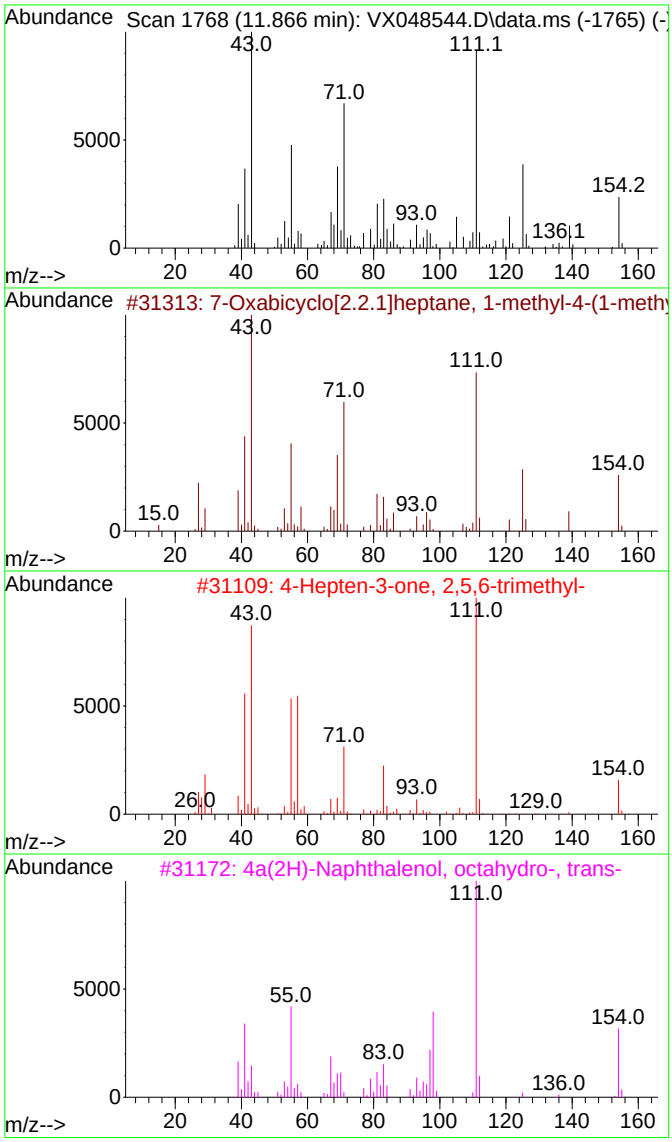
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

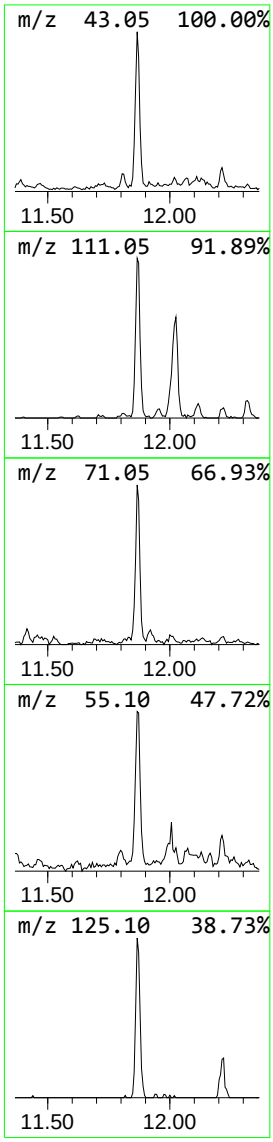
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	5.51 ug/l	133072	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	95
2	4-Hepten-3-one, 2,5,6-trimethyl-	154	C10H18O	016466-21-0	43
3	4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	38
4	Benzenamine, 3-fluoro-	111	C6H6FN	000372-19-0	30
5	4-Butyl-5-methylpyrazalone	154	C8H14N2O	1010289-28-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048544.D
Acq On : 10 Nov 2025 16:49
Operator : JC/MD
Sample : Q3569-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
1,3-Dithiolane	11.829	5.2	ug/l	126535	4	12.006	1206760	50.0
7-Oxabicyclo[2....	11.866	5.5	ug/l	133072	4	12.006	1206760	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048557.D
Acq On : 11 Nov 2025 12:24
Operator : JC/MD
Sample : Q3569-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Nov 12 04:44:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	220460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	428617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	439851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	230176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	163400	53.191	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.373	113	148320	45.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.440%			
50) Toluene-d8	8.635	98	520240	51.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.061	95	213570	56.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.280%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	86412	50.723	ug/l	95
11) Tert butyl alcohol	2.940	59	11699	20.098	ug/l	95
22) Diisopropyl ether	3.751	45	295279	32.183	ug/l #	50
29) Tetrahydrofuran	4.989	42	128276	83.610	ug/l	96
40) Benzene	6.025	78	226911	16.852	ug/l	99
65) Chlorobenzene	10.061	112	487031	46.650	ug/l	99
73) Isopropylbenzene	10.945	105	50007	2.993	ug/l	99

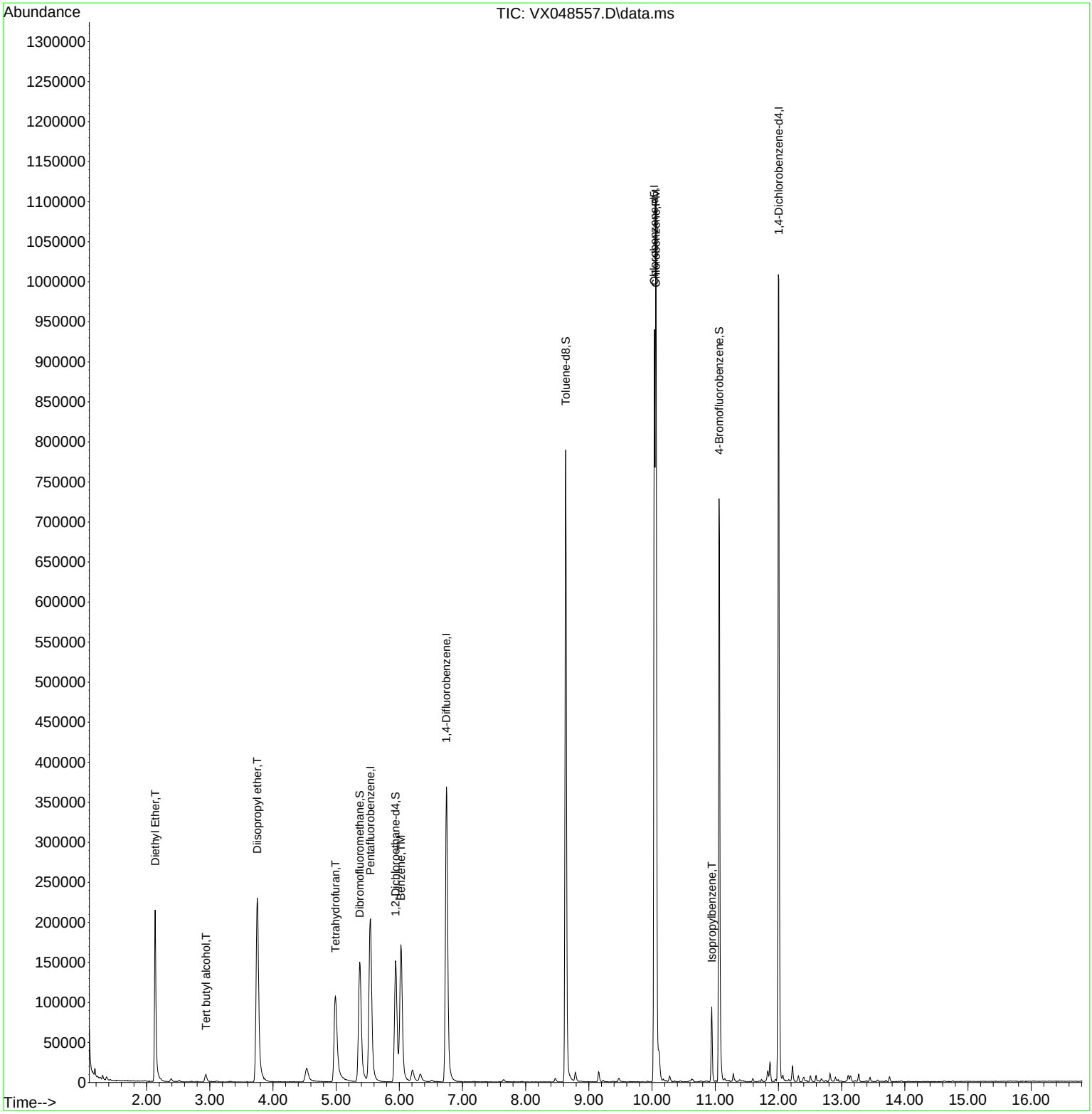
(#) = qualifier out of range (m) = manual integration (+) = signals summed

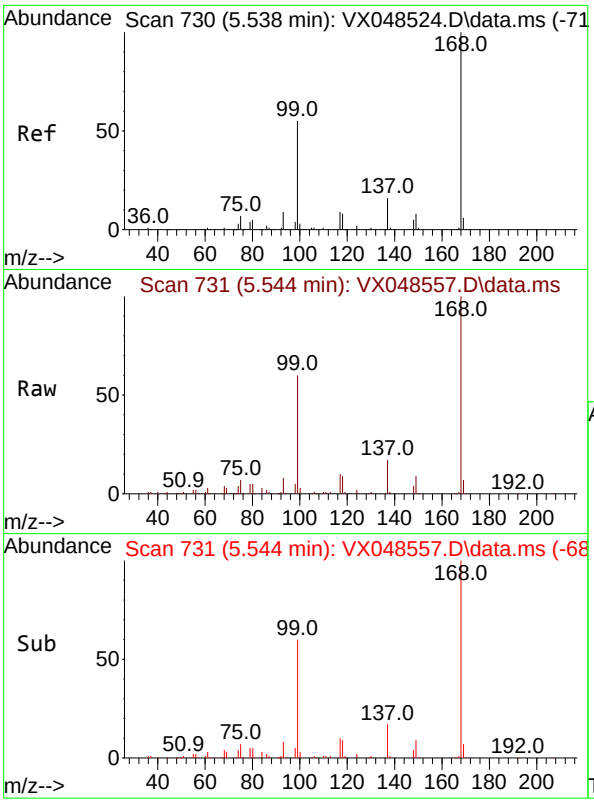
Sample Results: **VX048557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048557.D
Acq On : 11 Nov 2025 12:24
Operator : JC/MD
Sample : Q3569-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Nov 12 04:44:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



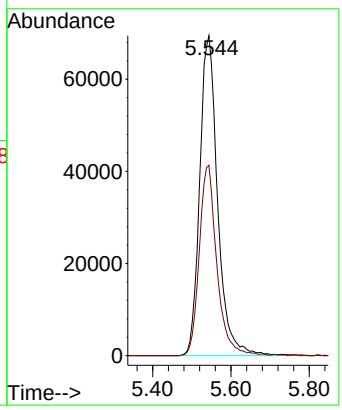


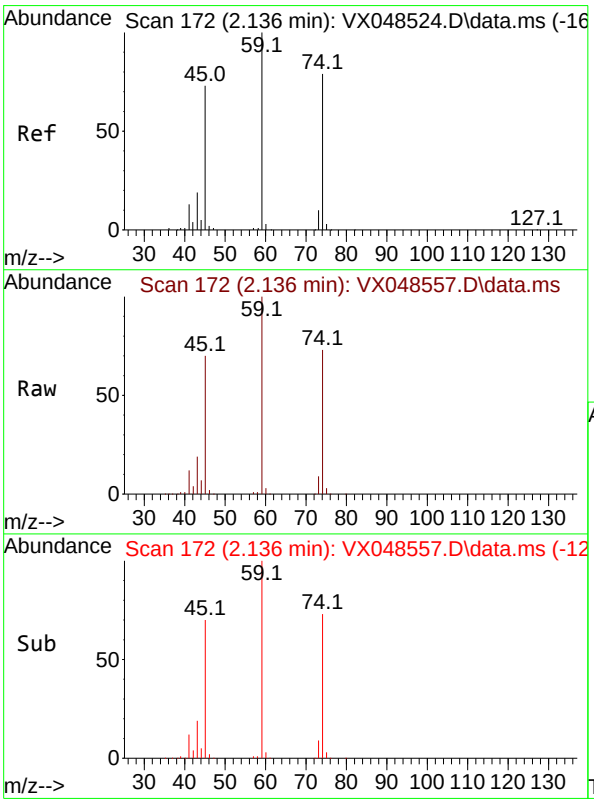
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:168 Resp: 220460

Ion	Ratio	Lower	Upper
168	100		
99	59.5	45.2	67.8

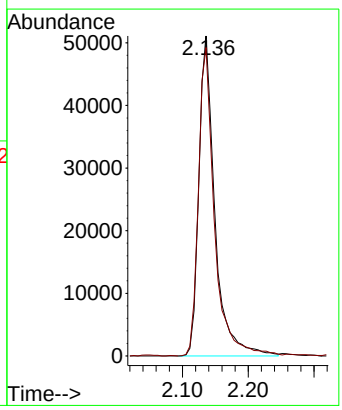


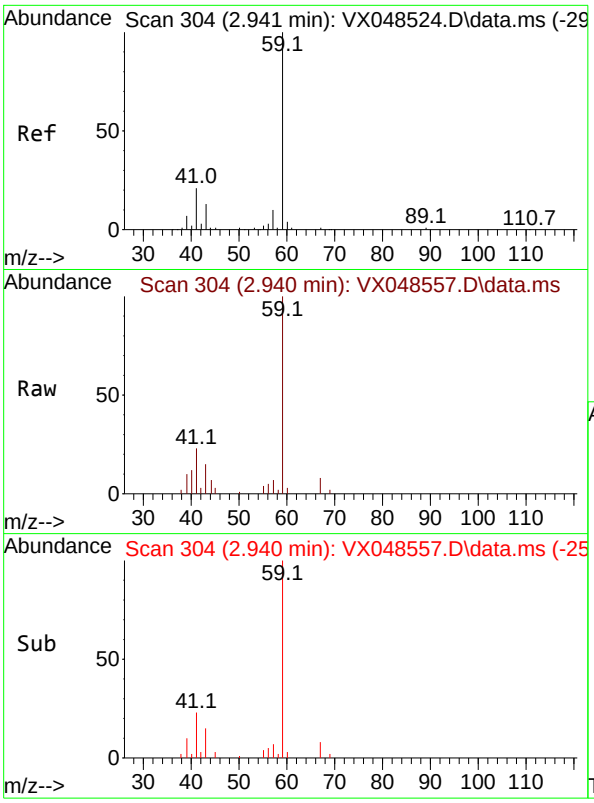


#8
Diethyl Ether
Concen: 50.723 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 74 Resp: 86412

Ion	Ratio	Lower	Upper
74	100		
45	96.8	45.9	137.6



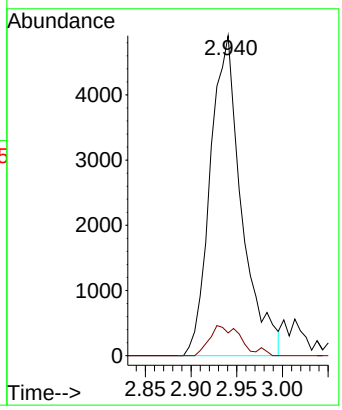


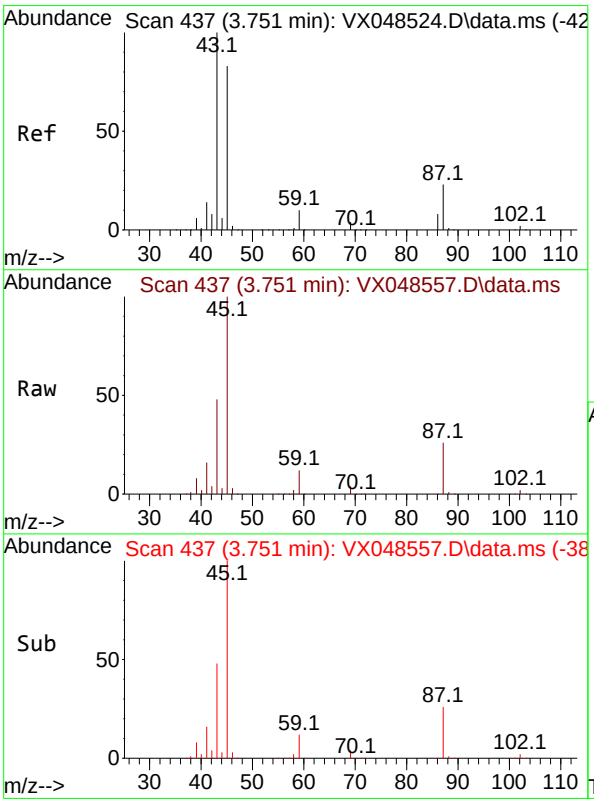
#11
Tert butyl alcohol
Concen: 20.098 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 59 Resp: 11699

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.6	13.0

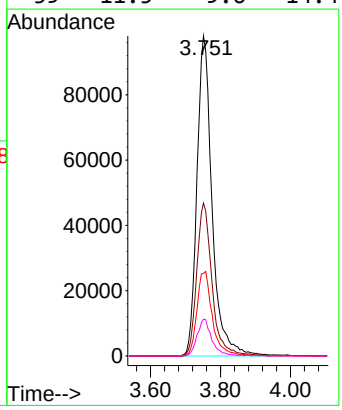


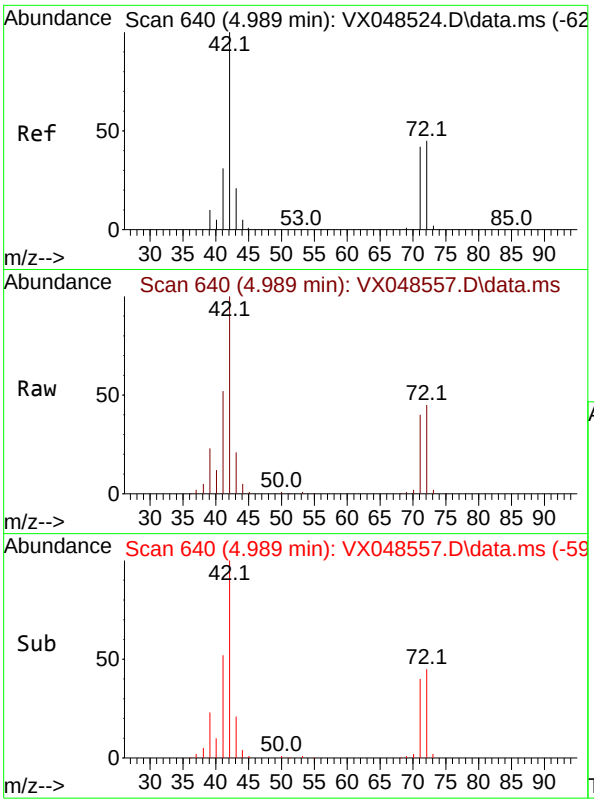


#22
Diisopropyl ether
Concen: 32.183 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 45 Resp: 295279

Ion	Ratio	Lower	Upper
45	100		
43	47.8	96.4	144.6#
87	25.8	21.8	32.6
59	11.5	9.6	14.4



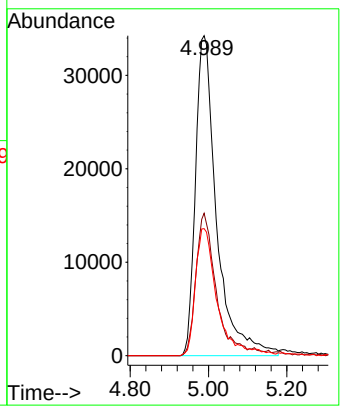


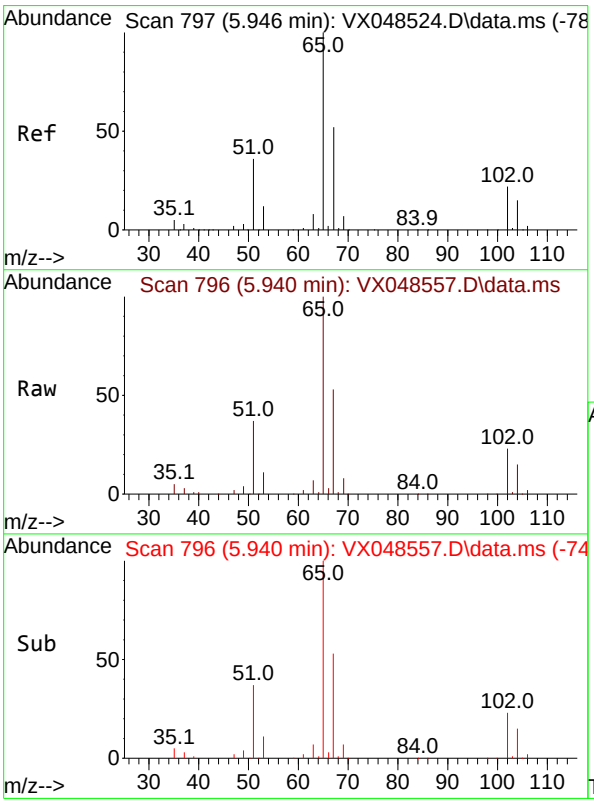
#29
Tetrahydrofuran
Concen: 83.610 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 42 Resp: 128276

Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.3	54.5
71	39.7	34.1	51.1

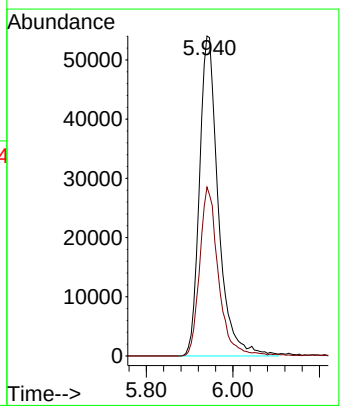


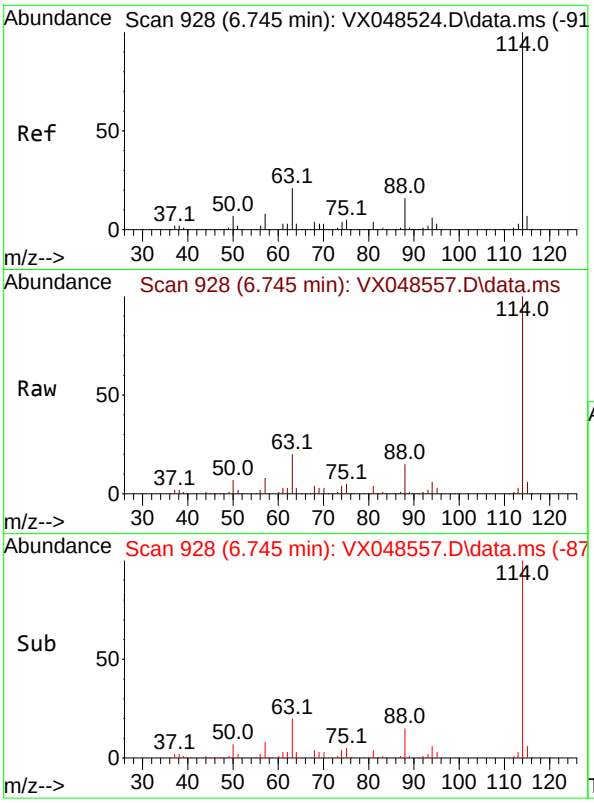


#33
1,2-Dichloroethane-d4
Concen: 53.191 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 65 Resp: 163400

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2



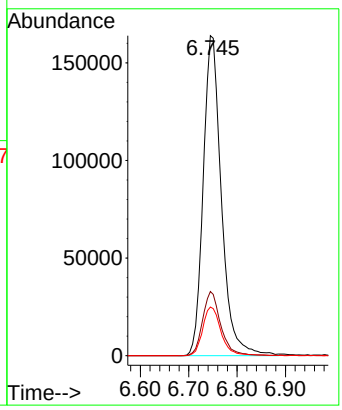


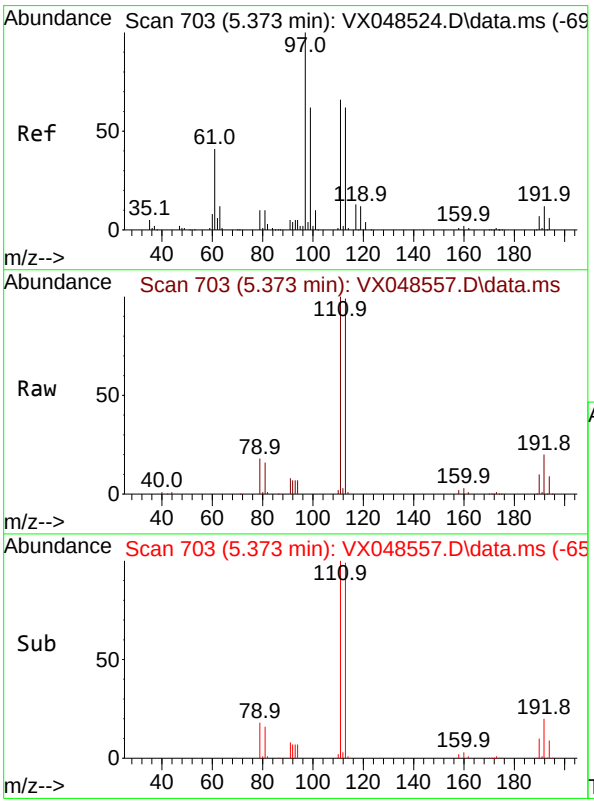
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:114 Resp: 428617

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.2	0.0	32.2

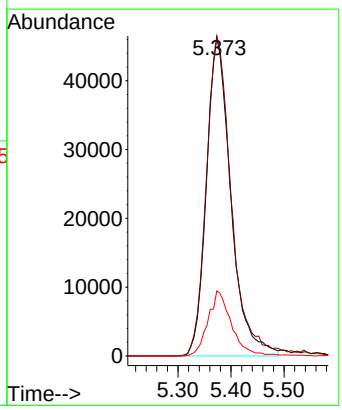


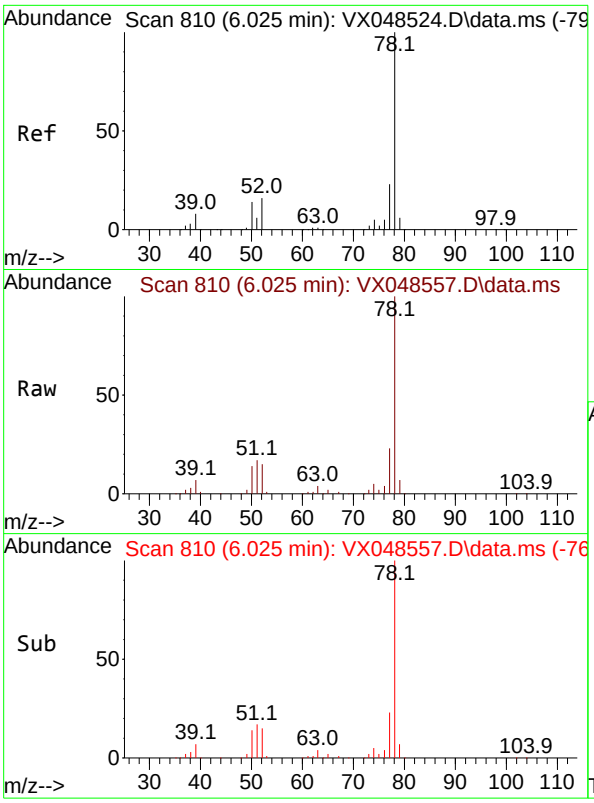


#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion:113 Resp: 148320

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	19.6	15.8	23.6



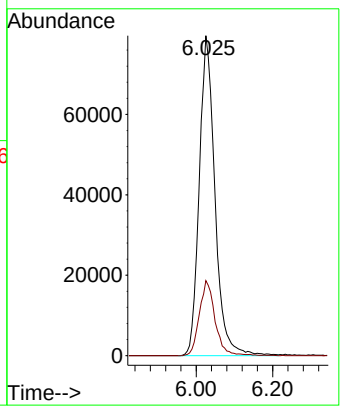


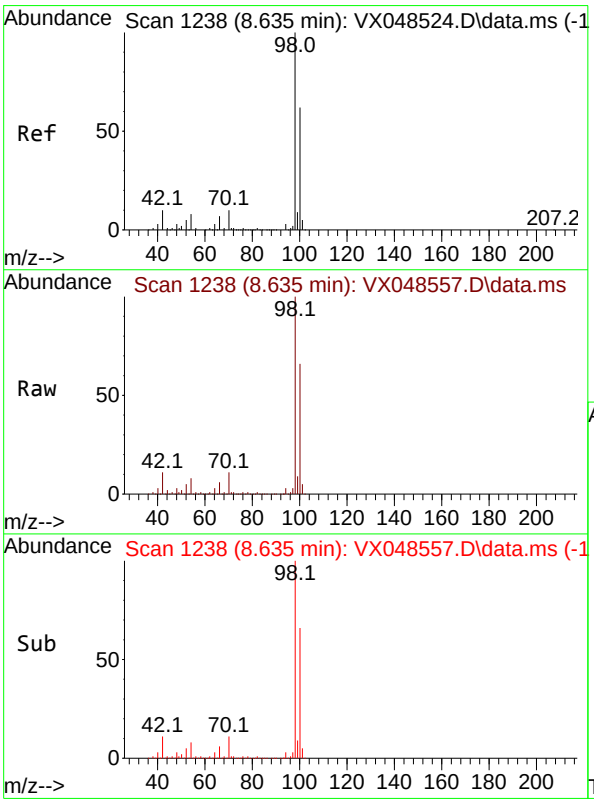
#40
Benzene
Concen: 16.852 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 78 Resp: 226911

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5

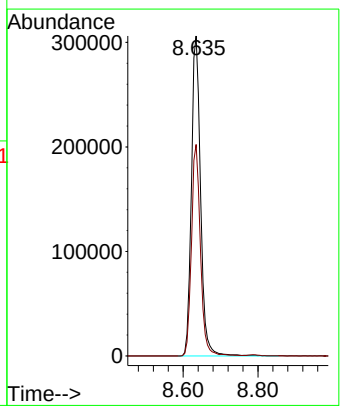


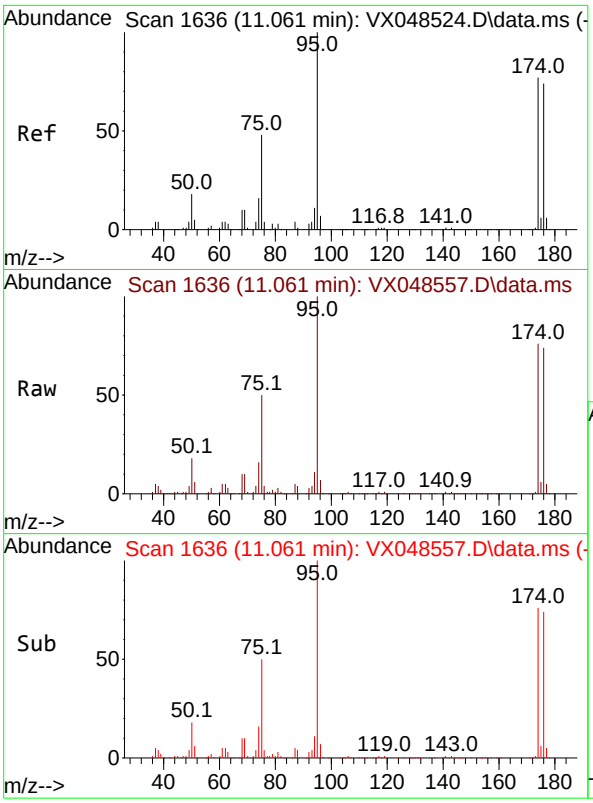


#50
Toluene-d8
Concen: 51.419 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 98 Resp: 520240

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.6	80.4



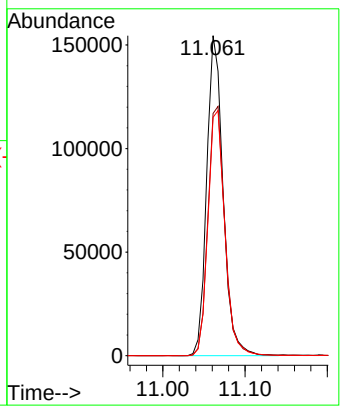


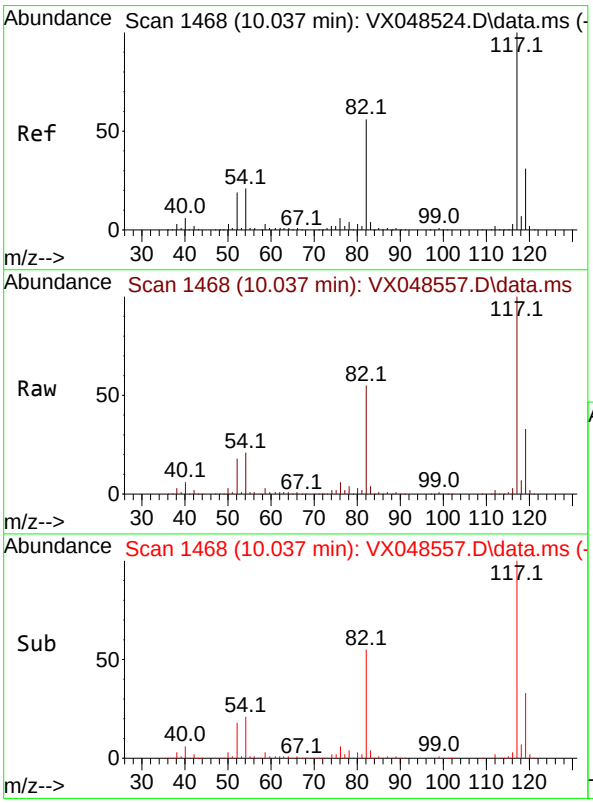
#62
4-Bromofluorobenzene
Concen: 56.642 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 95 Resp: 213570

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.8
176	79.2	0.0	153.6

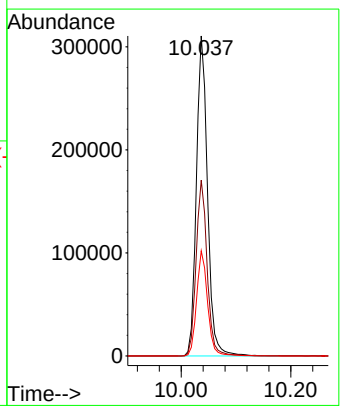


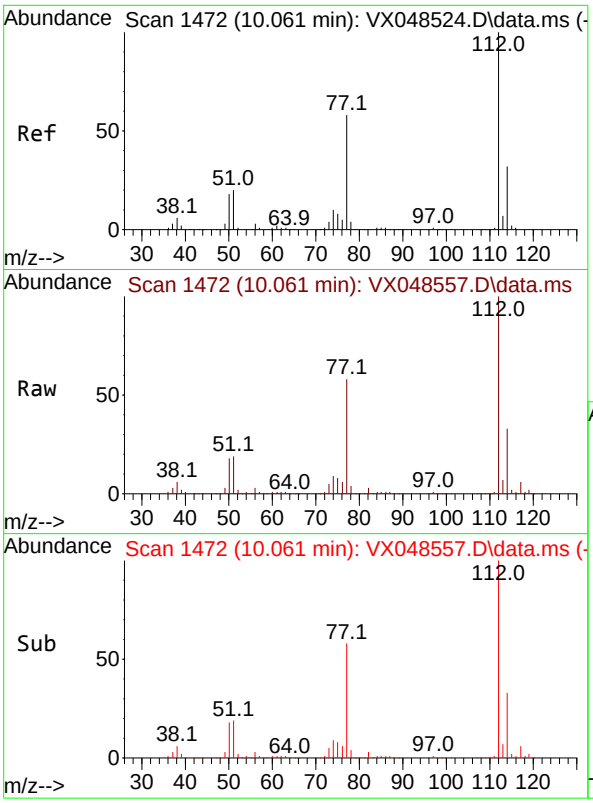


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion:117 Resp: 439851

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	32.9	25.1	37.7



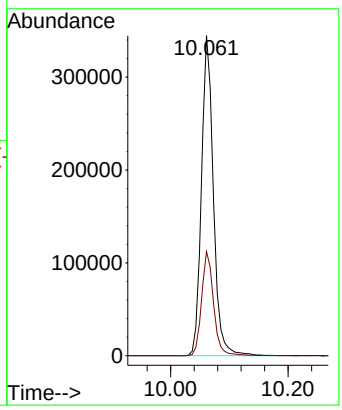


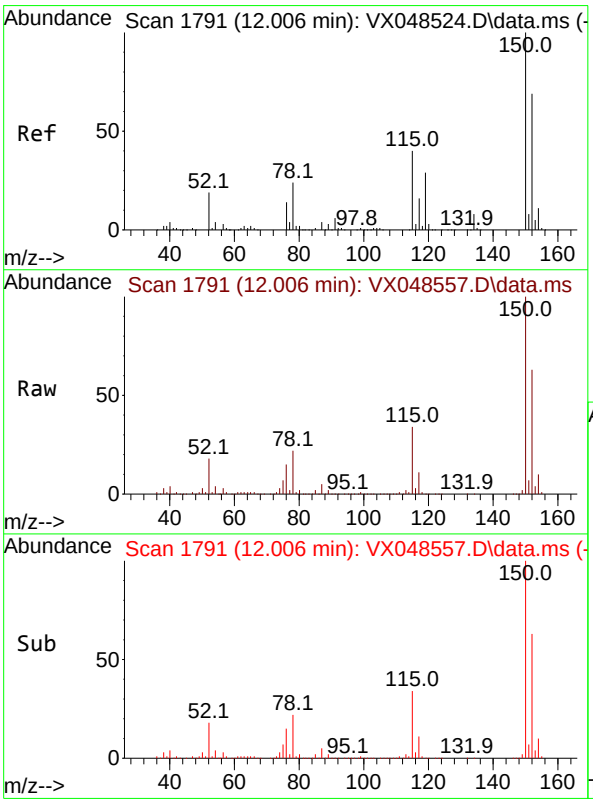
#65
Chlorobenzene
Concen: 46.650 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:112 Resp: 487031

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3

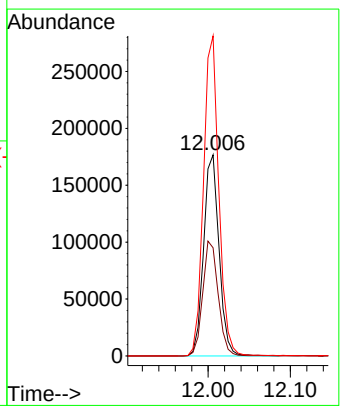


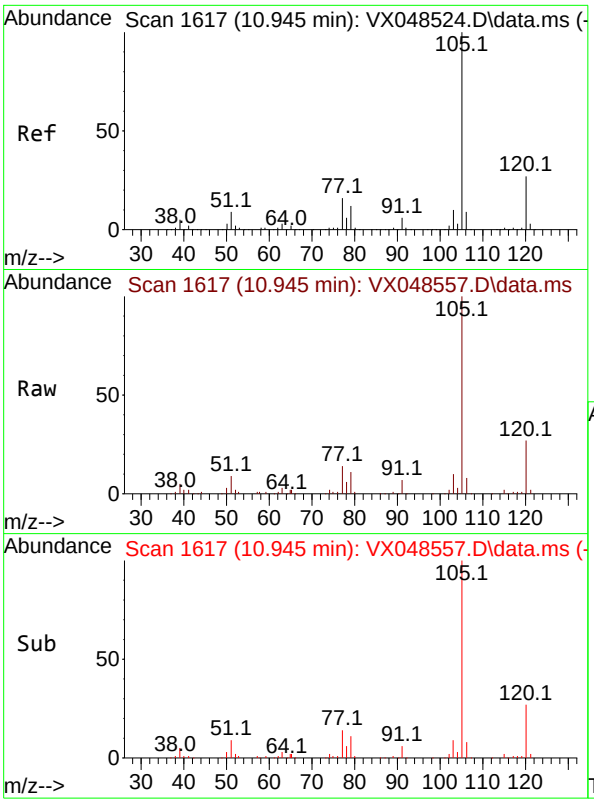


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion:152 Resp: 230176

Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.2	117.6
150	157.4	0.0	347.0



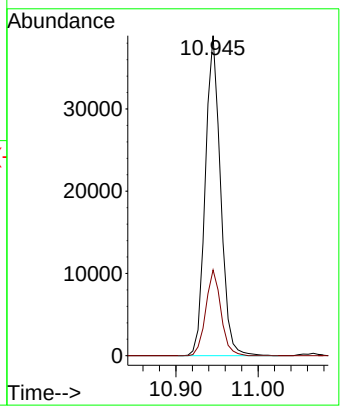


#73
Isopropylbenzene
Concen: 2.993 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:105 Resp: 50007

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.6	40.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Quant Time: Nov 11 00:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

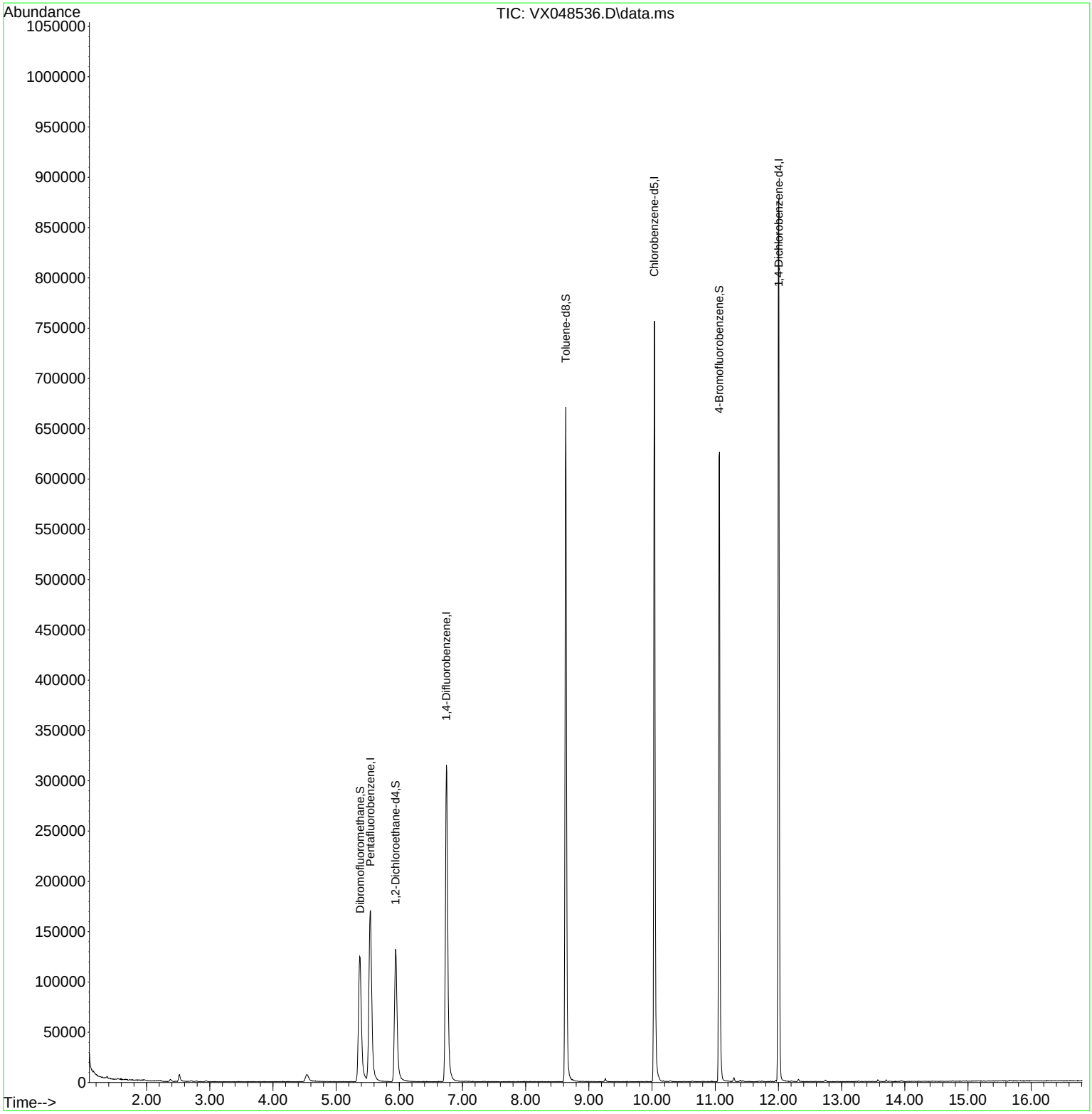
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	185085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	364726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	365529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	198620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141256	54.771	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.540%			
35) Dibromofluoromethane	5.379	113	126459	45.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.620%			
50) Toluene-d8	8.635	98	433013	50.295	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.061	95	184853	57.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.220%			
Target Compounds						Qvalue

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

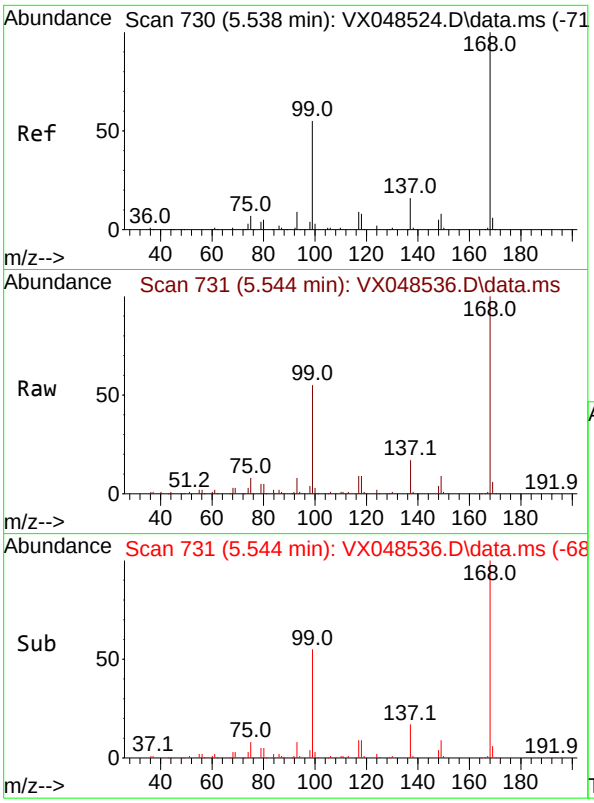
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Quant Time: Nov 11 00:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



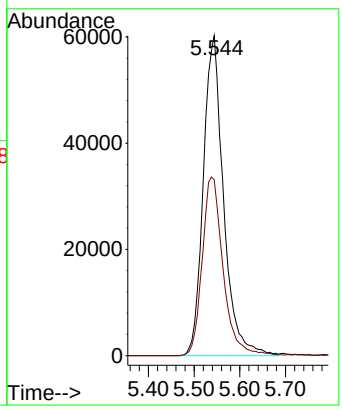
Instrument :
MSVOA_X
ClientSampleId :
TB-2

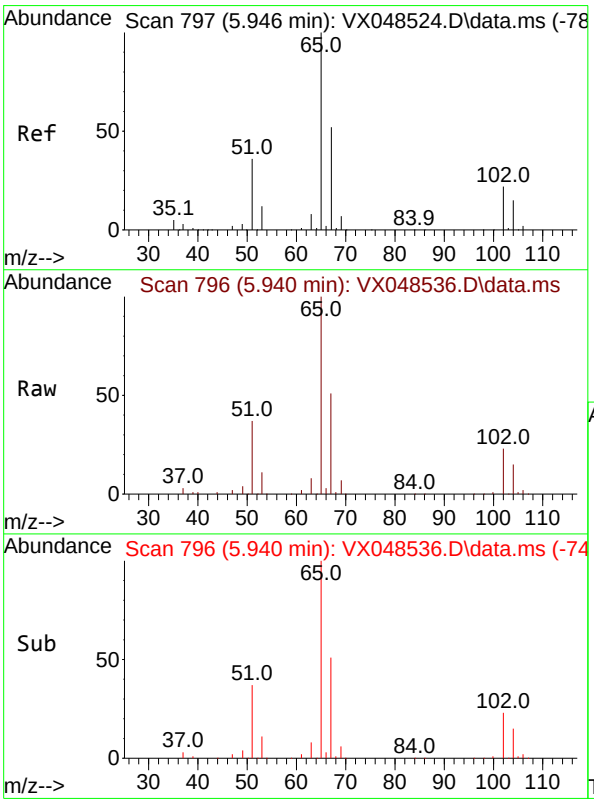


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion:168 Resp: 185085

Ion	Ratio	Lower	Upper
168	100		
99	55.0	45.2	67.8

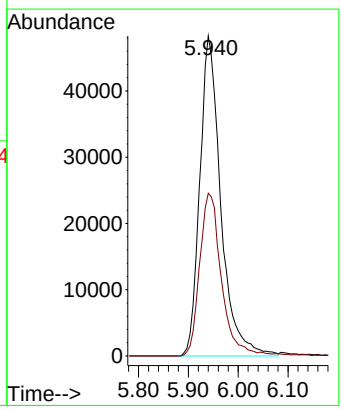


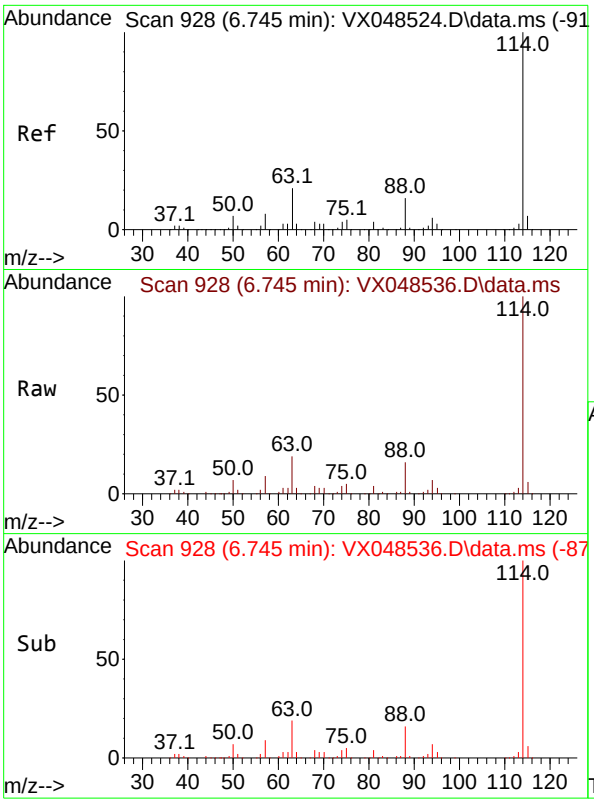


#33
1,2-Dichloroethane-d4
Concen: 54.771 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion: 65 Resp: 141256

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.2



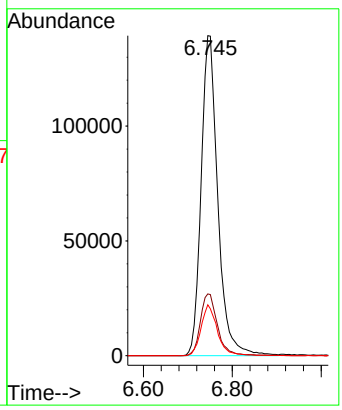


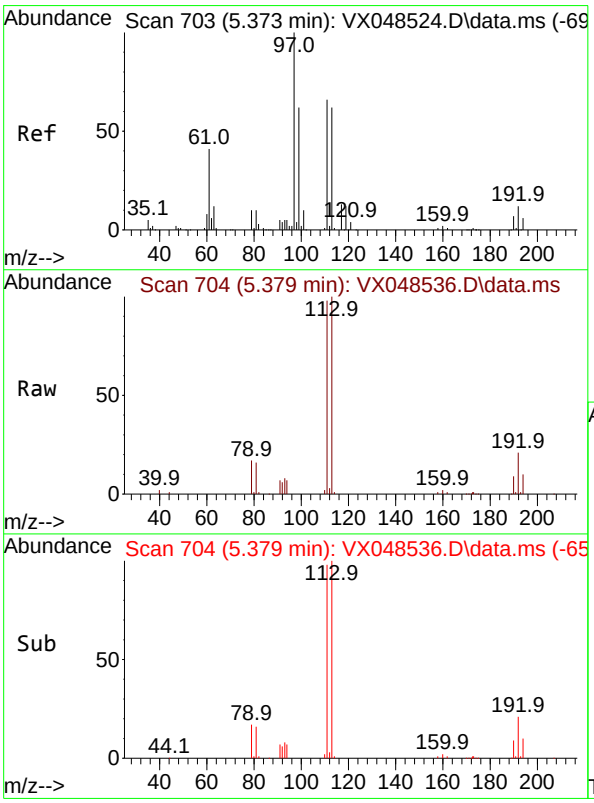
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion:114 Resp: 364726

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.9	0.0	32.2

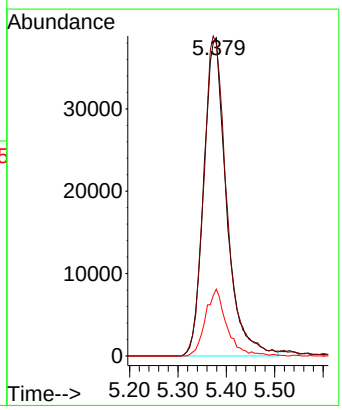


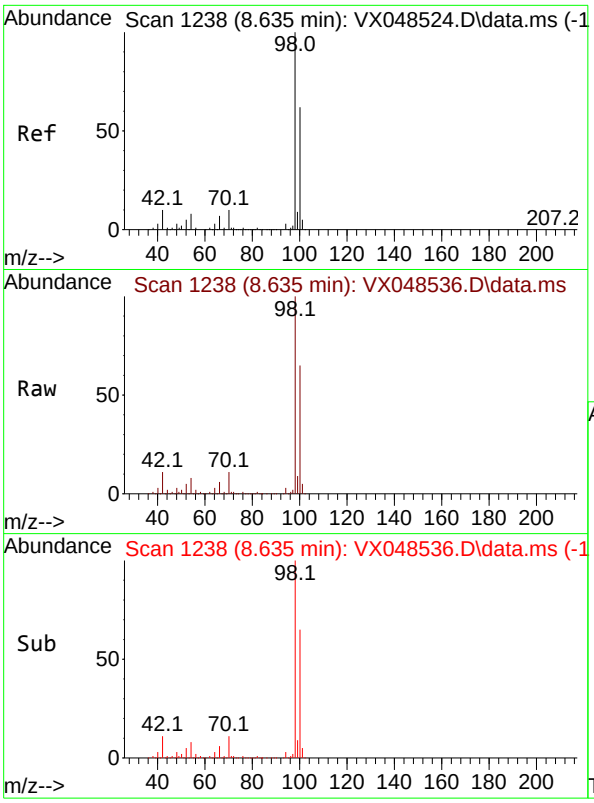


#35
Dibromofluoromethane
Concen: 45.811 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion:113 Resp: 126459

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.7	15.8	23.6



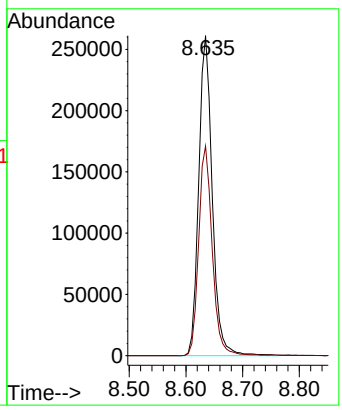


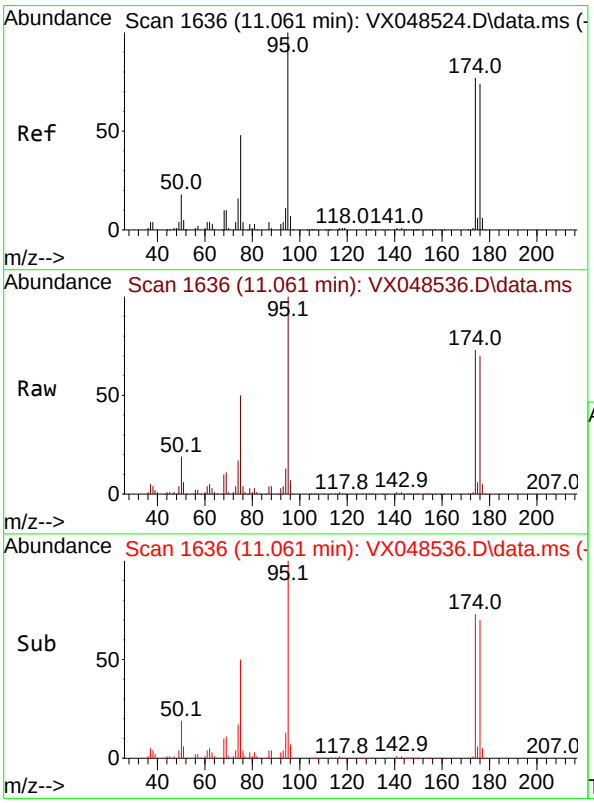
#50
Toluene-d8
Concen: 50.295 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion: 98 Resp: 433013

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.6	80.4

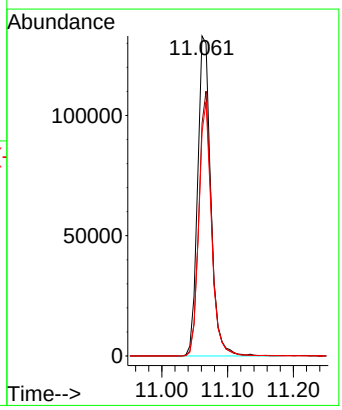


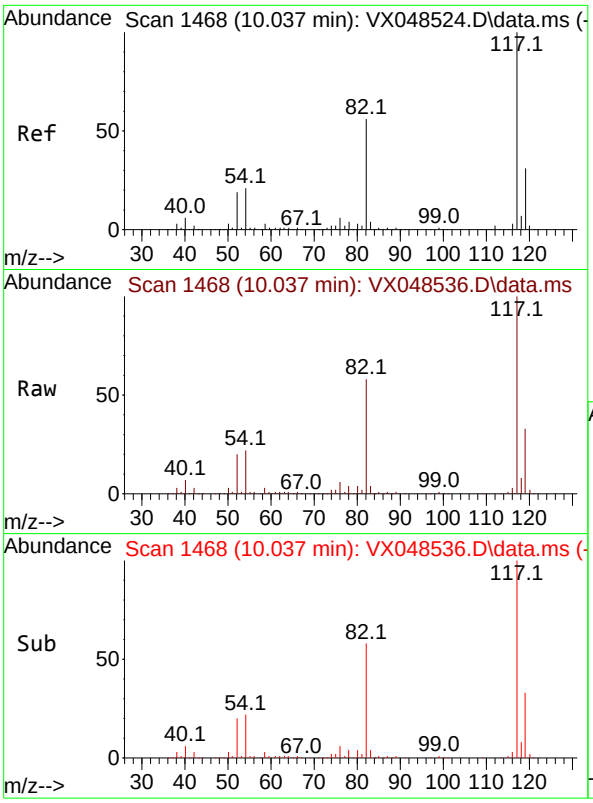


#62
4-Bromofluorobenzene
Concen: 57.614 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion: 95 Resp: 184853

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	161.8
176	76.4	0.0	153.6



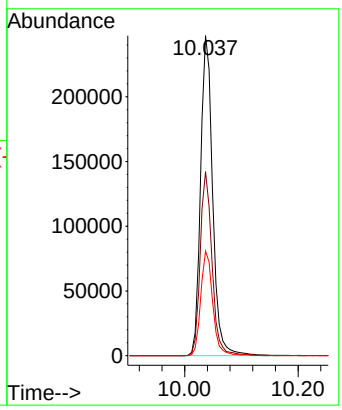


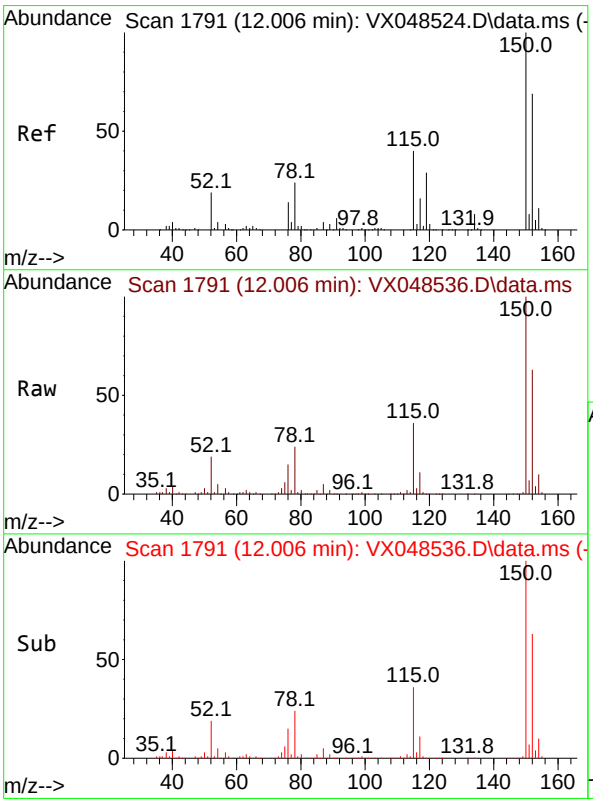
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion:117 Resp: 365529

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.4	66.6
119	32.7	25.1	37.7

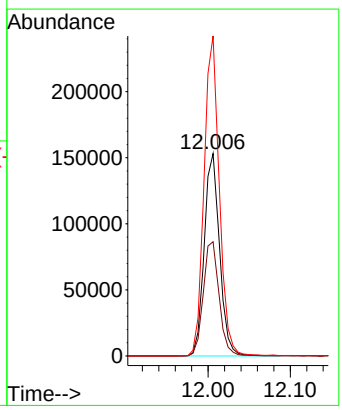




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048536.D
Acq: 10 Nov 2025 14:04

Tgt Ion:152 Resp: 198620

Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.2	117.6
150	157.2	0.0	347.0



Sample Results: **VX048536.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.520	230	235	245	rBV2	6885	13933	1.19%	0.215%
2	4.538	554	566	578	rBV	7237	28313	2.41%	0.436%
3	5.373	691	703	720	rBV3	124532	407103	34.66%	6.270%
4	5.544	720	731	754	rVB2	169173	535318	45.57%	8.245%
5	5.940	786	796	821	rBV	131786	391900	33.36%	6.036%
6	6.745	918	928	952	rBV	315044	825976	70.31%	12.721%
7	8.635	1230	1238	1254	rBV	670725	1123080	95.60%	17.297%
8	10.037	1462	1468	1487	rBV	755921	1110701	94.55%	17.106%
9	11.067	1631	1637	1653	rBV	626232	881911	75.07%	13.583%
10	12.006	1785	1791	1802	rBV	877310	1174721	100.00%	18.092%

Sum of corrected areas: 6492956

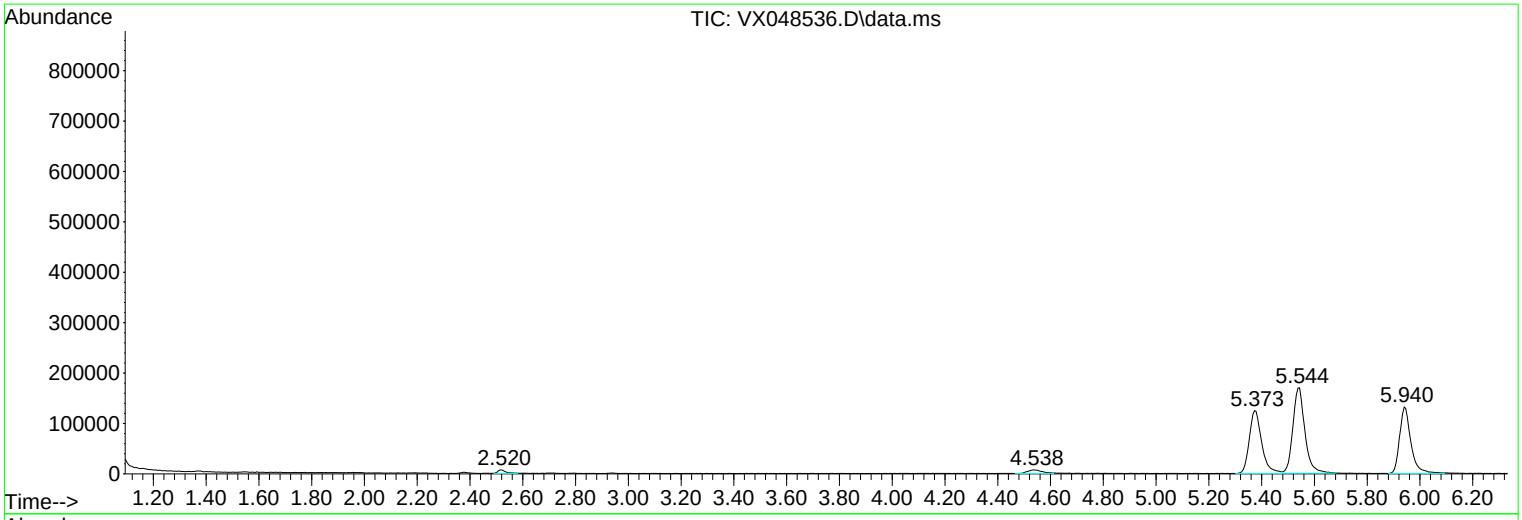
Sample Results: **VX048536.D**

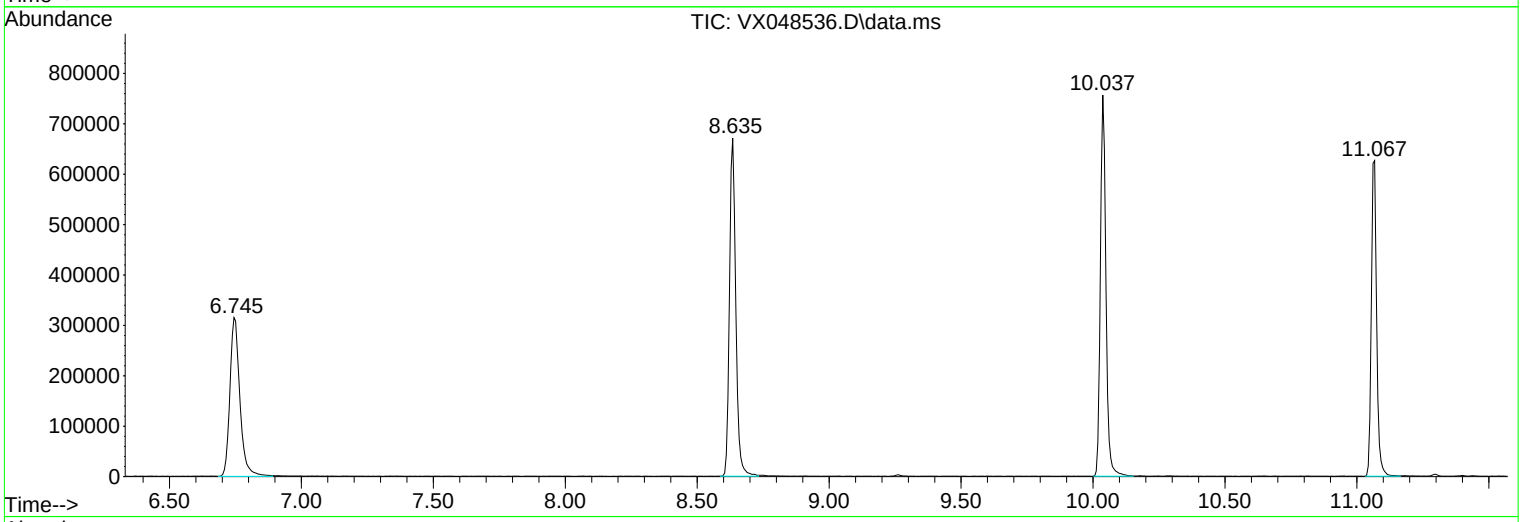
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

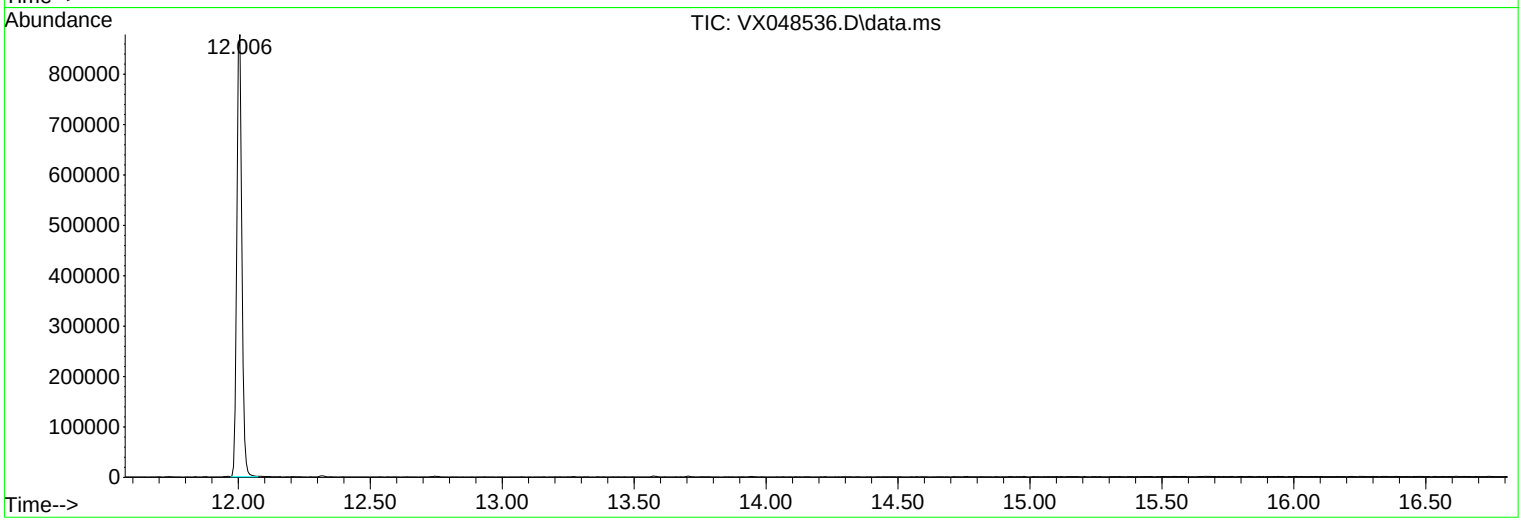
Instrument :
MSVOA_X
ClientSampleId :
TB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048536.D
Acq On : 10 Nov 2025 14:04
Operator : JC/MD
Sample : Q3569-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	157554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	305452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	110098	50.150	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.367	113	102040	44.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.280%			
50) Toluene-d8	8.628	98	378237	52.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.061	95	156298	58.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.340%			

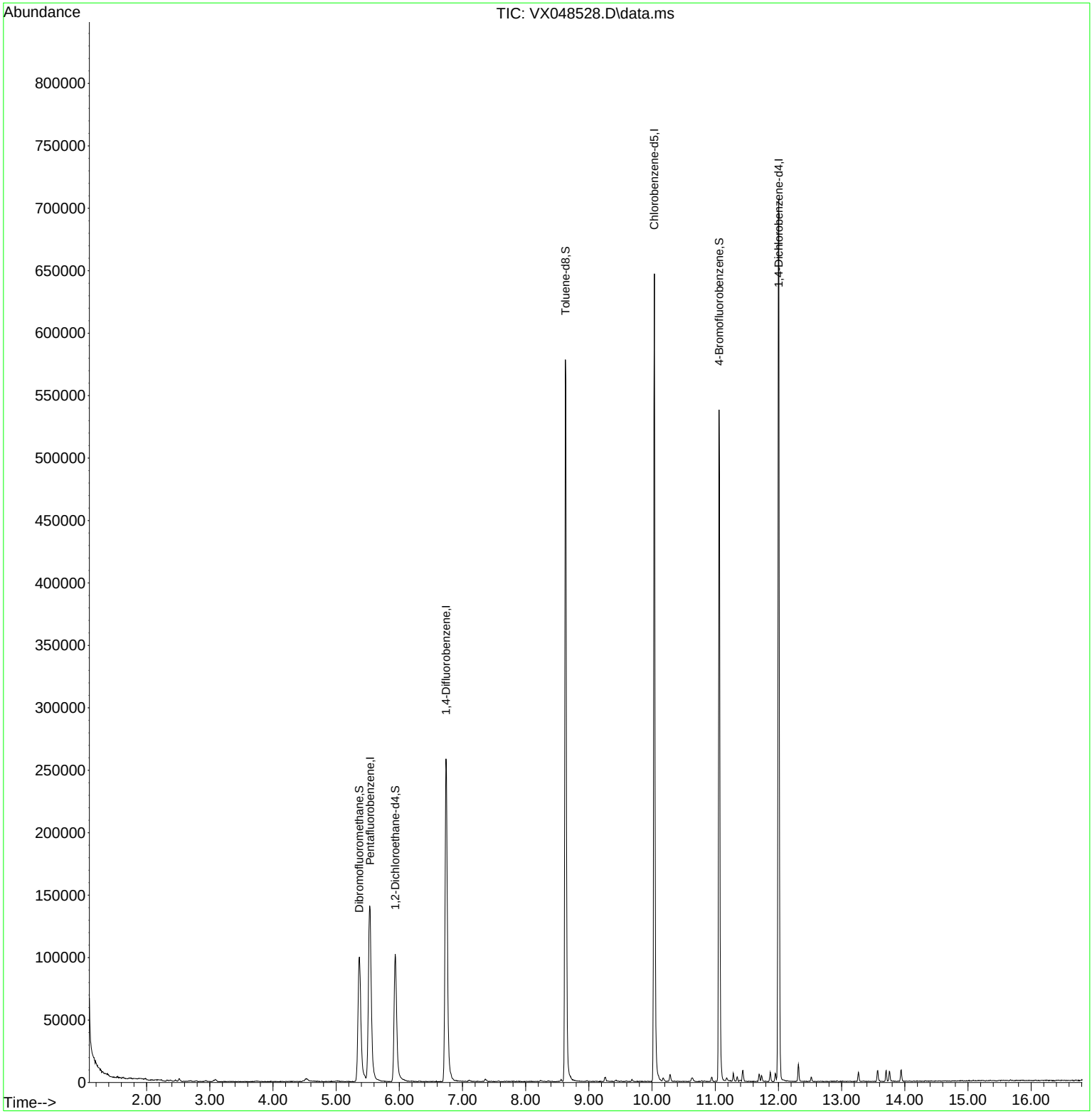
Target Compounds Qvalue

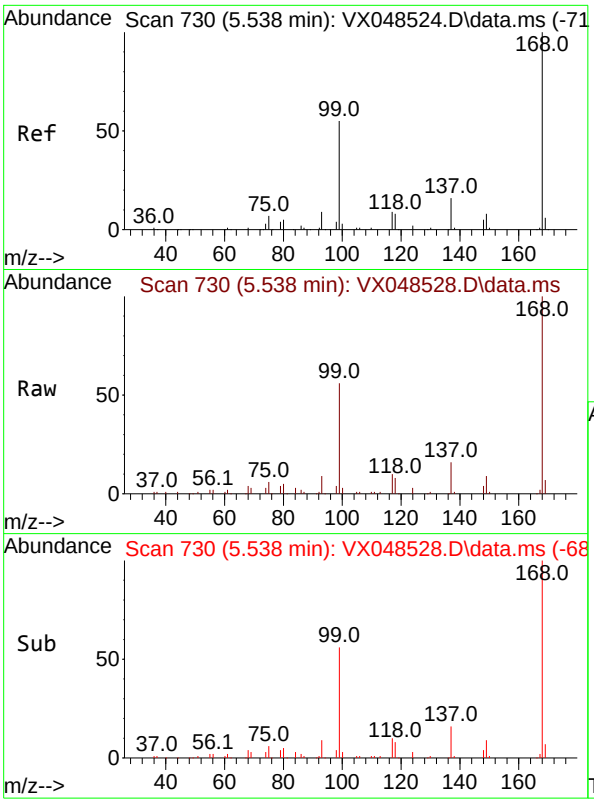
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



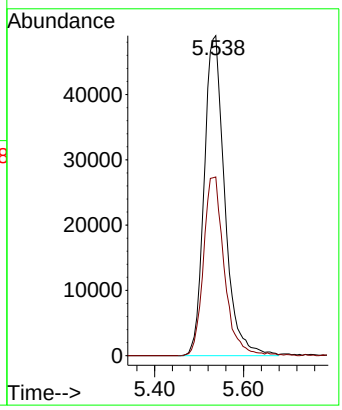


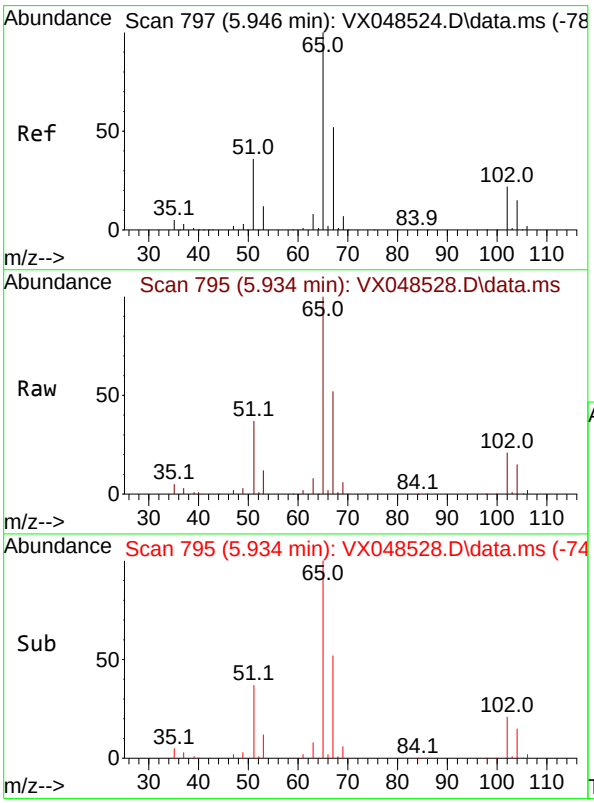
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:168 Resp: 157554

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.2	67.8

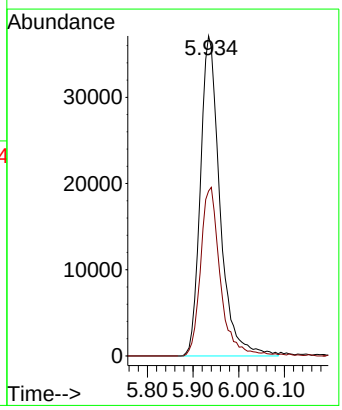


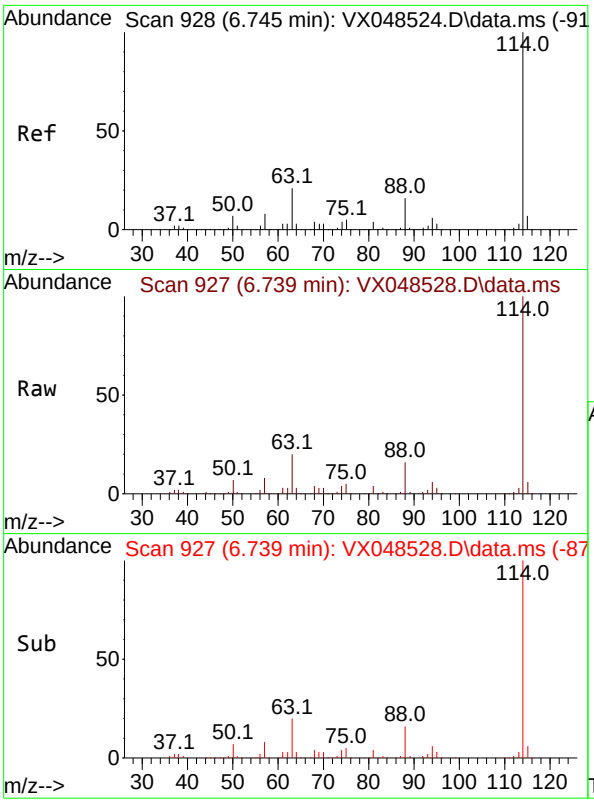


#33
1,2-Dichloroethane-d4
Concen: 50.150 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 65 Resp: 110098

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2



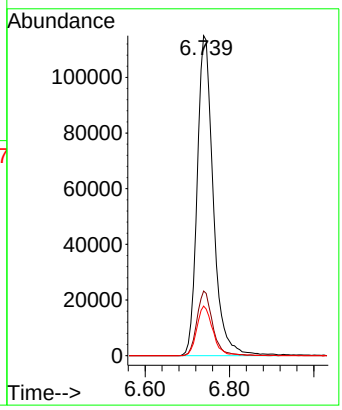


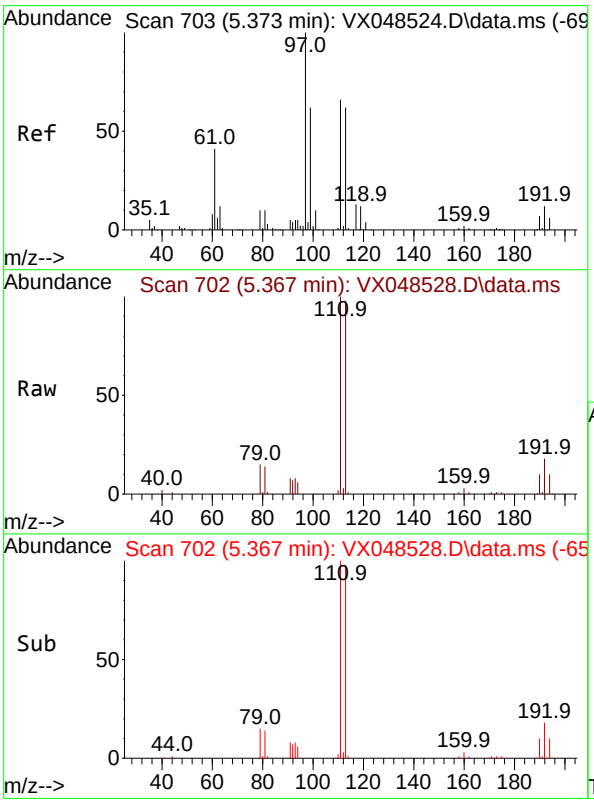
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:114 Resp: 305452

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	15.5	0.0	32.2

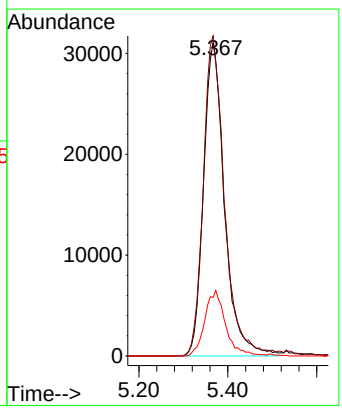


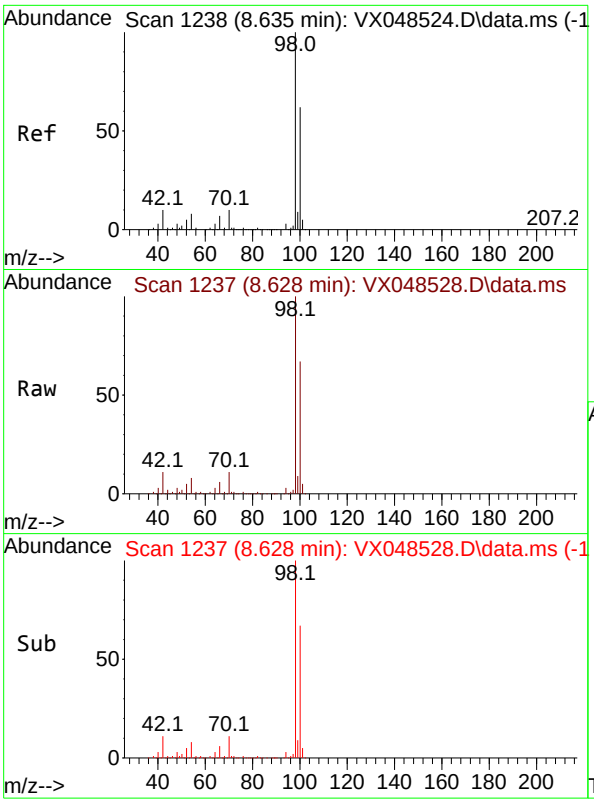


#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:113 Resp: 102040

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.6	15.8	23.6



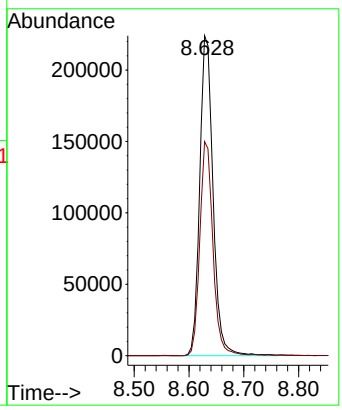


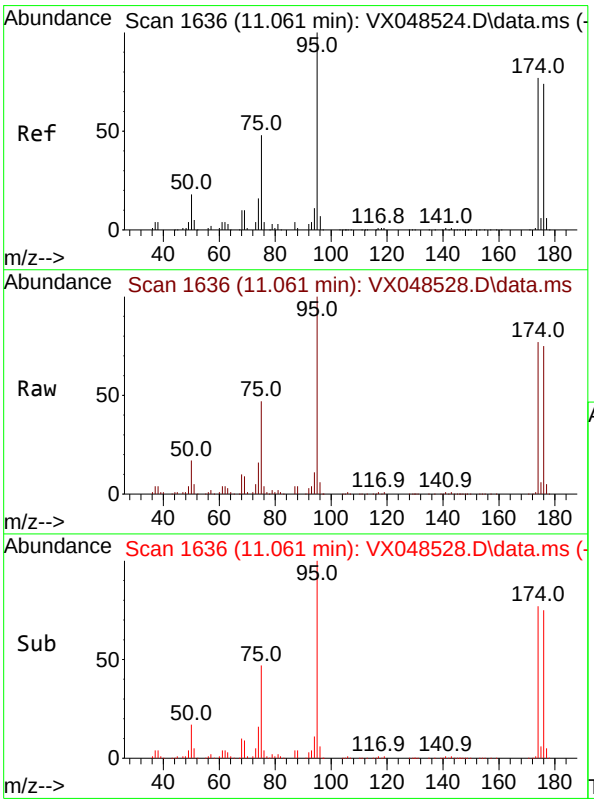
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion: 98 Resp: 378237

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

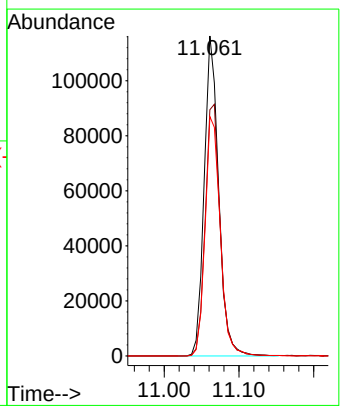


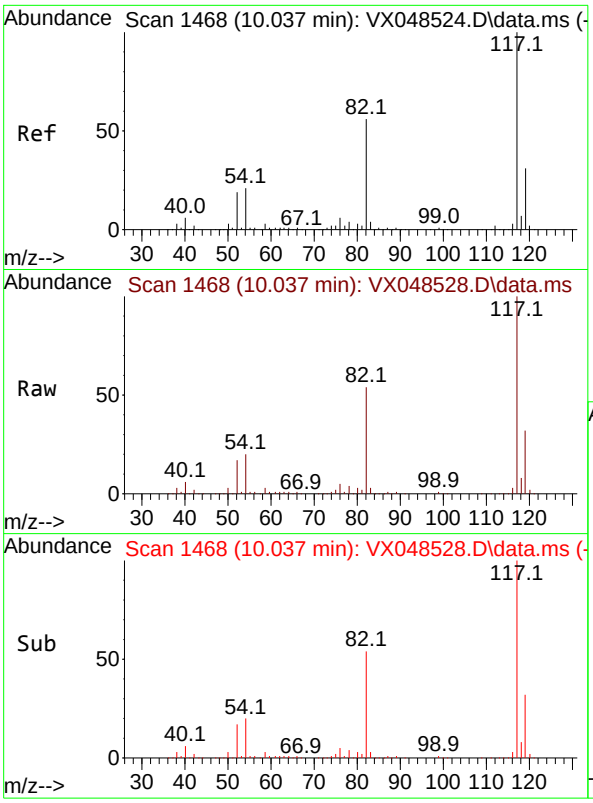


#62
4-Bromofluorobenzene
Concen: 58.167 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 95 Resp: 156298

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.8
176	78.4	0.0	153.6



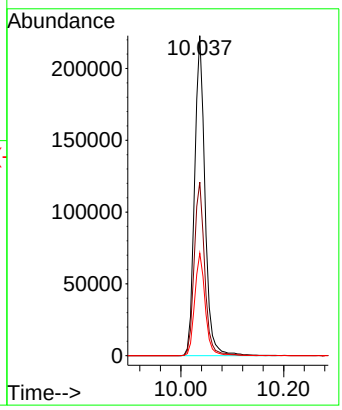


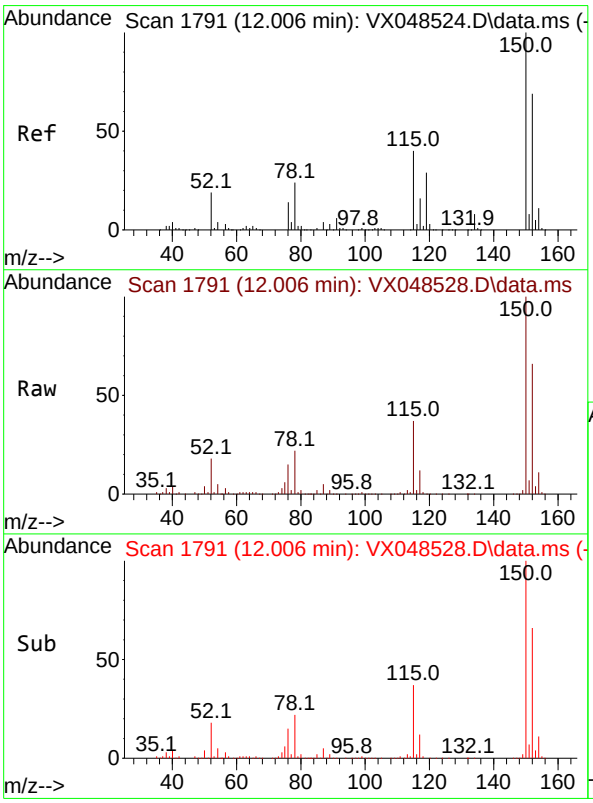
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:117 Resp: 313169

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.4	66.6
119	32.0	25.1	37.7

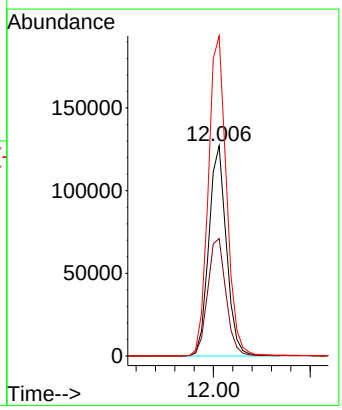




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:152 Resp: 160725

Ion	Ratio	Lower	Upper
152	100		
115	58.4	39.2	117.6
150	157.5	0.0	347.0



Sample Results: **VX048528.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	691	702	719	rBV2	99628	327452	33.45%	6.038%
2	5.531	719	729	751	rVB	139482	441596	45.12%	8.143%
3	5.934	785	795	815	rBV	102095	303644	31.02%	5.599%
4	6.739	918	927	949	rBV	258324	680018	69.47%	12.539%
5	8.628	1230	1237	1255	rBV	577818	978816	100.00%	18.049%
6	10.037	1462	1468	1487	rBV	646598	927426	94.75%	17.101%
7	11.061	1631	1636	1651	rBV	537510	732496	74.83%	13.507%
8	11.439	1694	1698	1704	rVB2	8757	12662	1.29%	0.233%
9	12.006	1785	1791	1801	rVB	705798	955693	97.64%	17.622%
10	12.317	1837	1842	1850	rVB2	13590	17420	1.78%	0.321%
11	13.573	2042	2048	2052	rBV	8818	12662	1.29%	0.233%
12	13.707	2065	2070	2074	rBV2	8694	10866	1.11%	0.200%
13	13.756	2074	2078	2083	rVV	7952	10271	1.05%	0.189%
14	13.945	2104	2109	2114	rBV3	9173	12145	1.24%	0.224%

Sum of corrected areas: 5423167

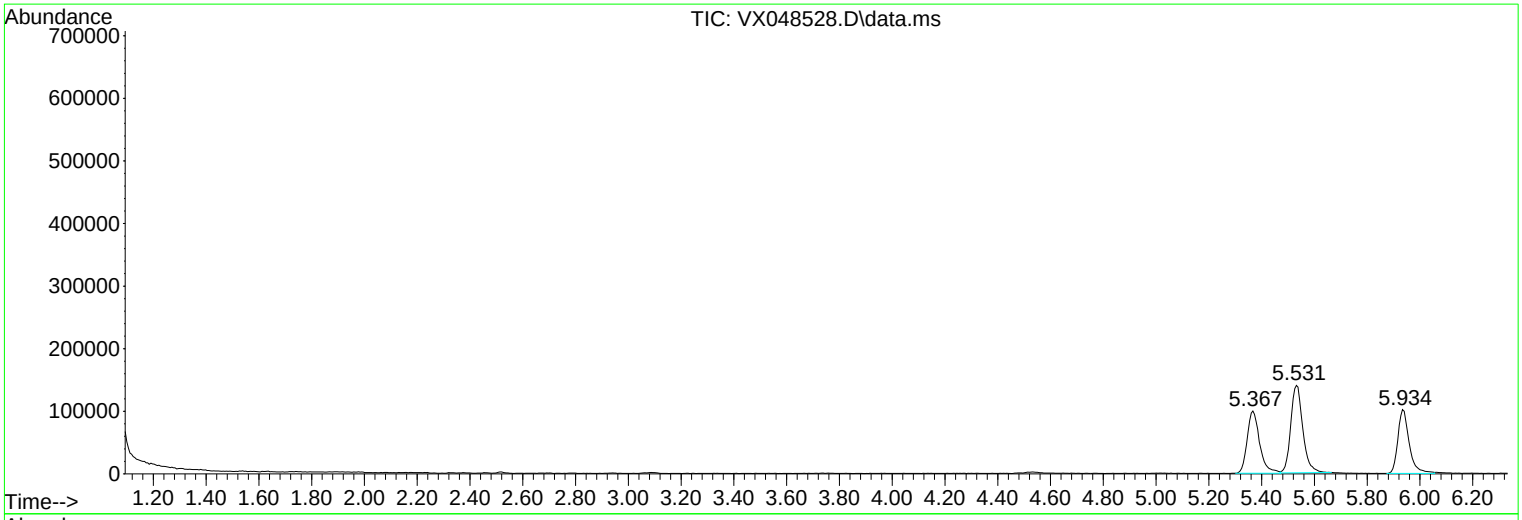
Sample Results: **VX048528.D**

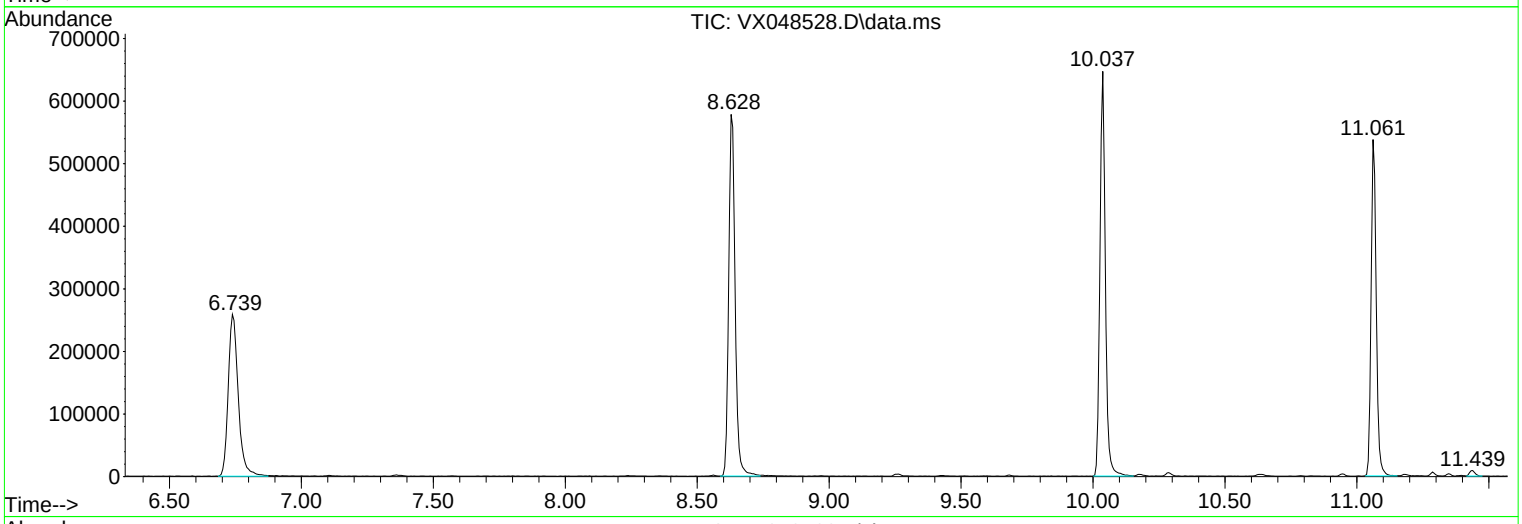
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

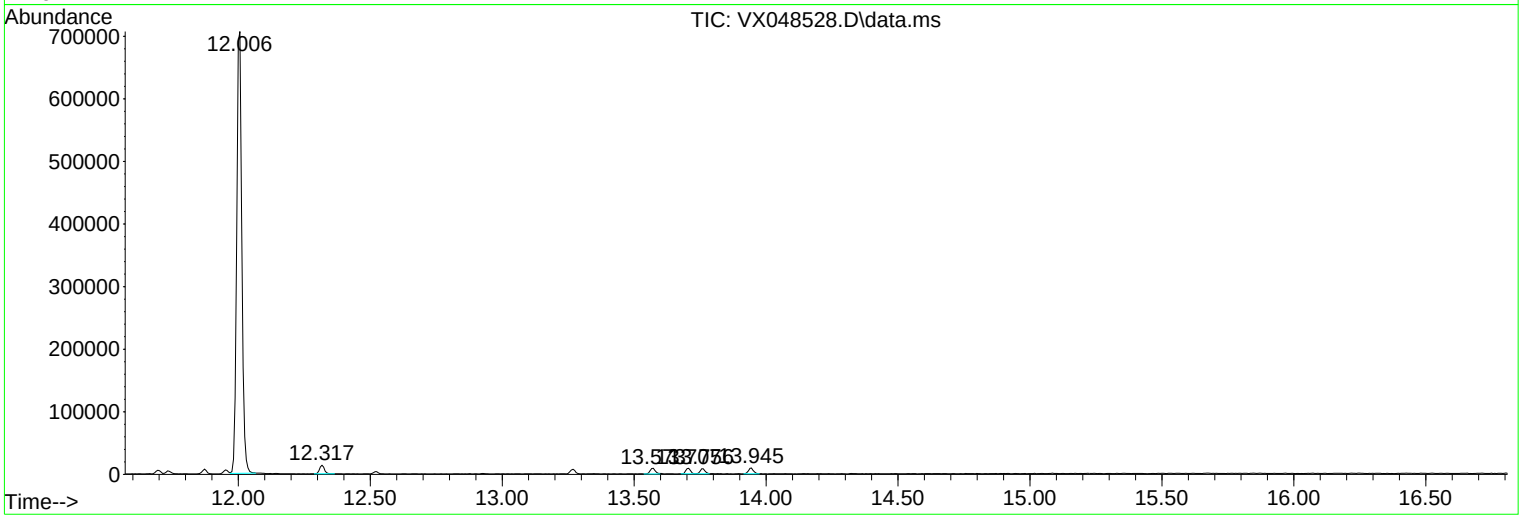
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Sample Results: **VX048528.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Time: Nov 12 04:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	184346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	353648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	374656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142879	55.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.240%			
35) Dibromofluoromethane	5.373	113	127167	47.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	8.635	98	419546	50.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.061	95	180428	57.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.000%			

Target Compounds Qvalue

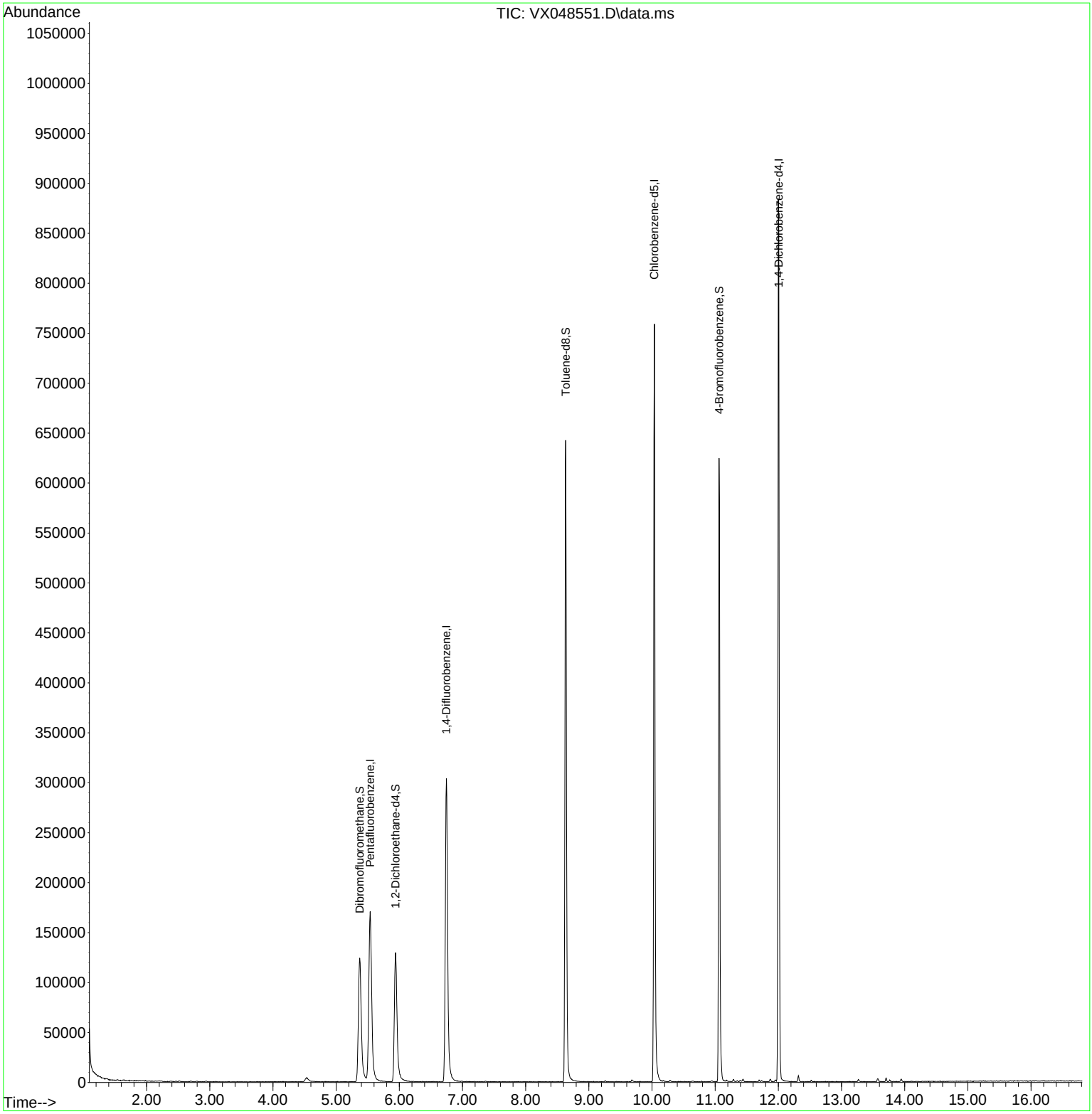
(#) = qualifier out of range (m) = manual integration (+) = signals summed

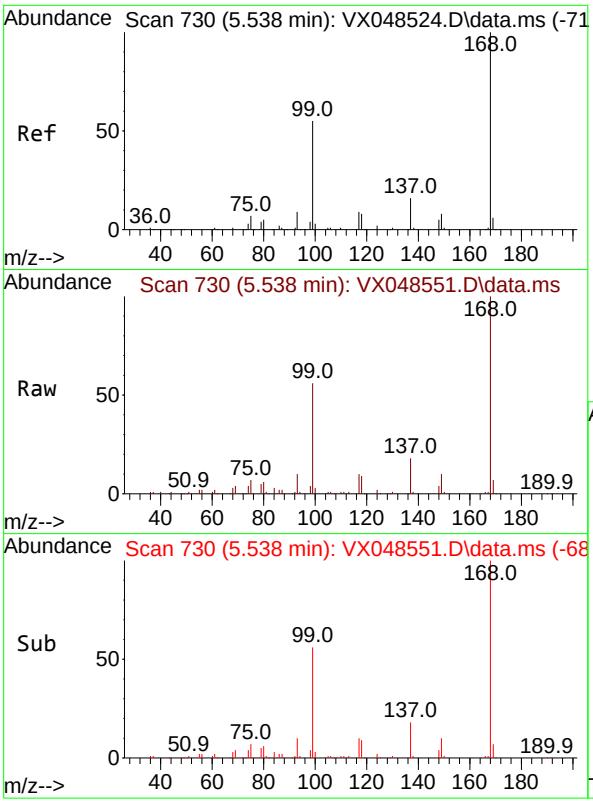
Sample Results: **VX048551.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Time: Nov 12 04:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



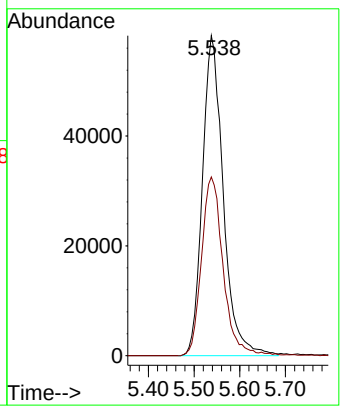


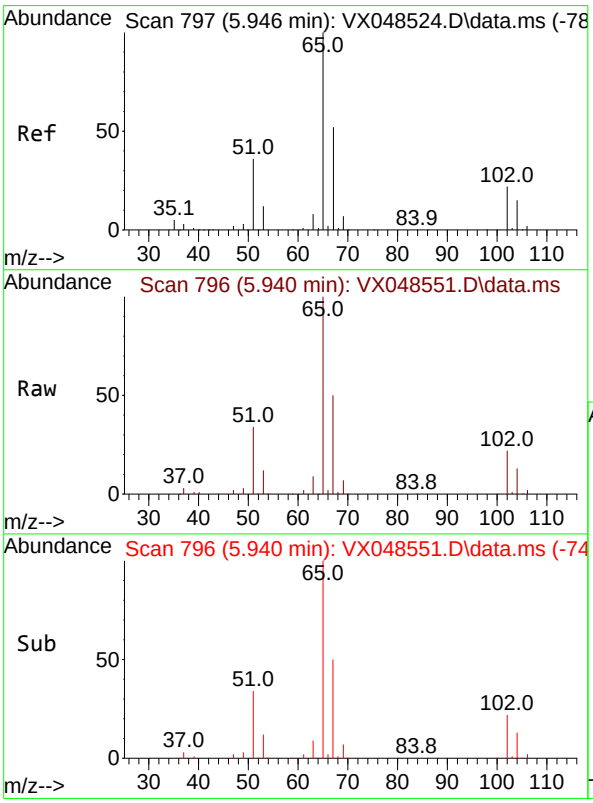
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:168 Resp: 184346

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

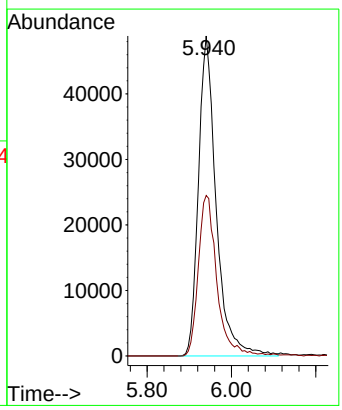


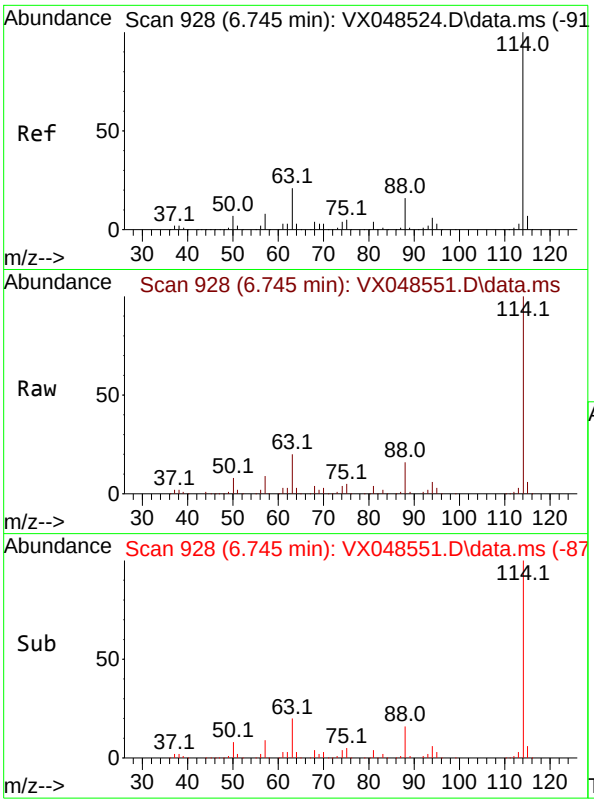


#33
1,2-Dichloroethane-d4
Concen: 55.623 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion: 65 Resp: 142879

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



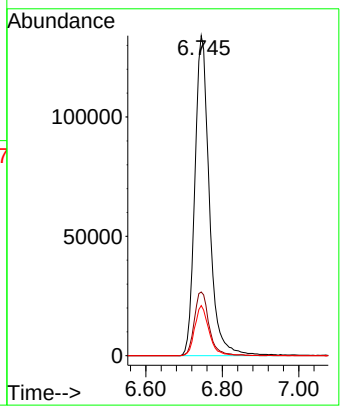


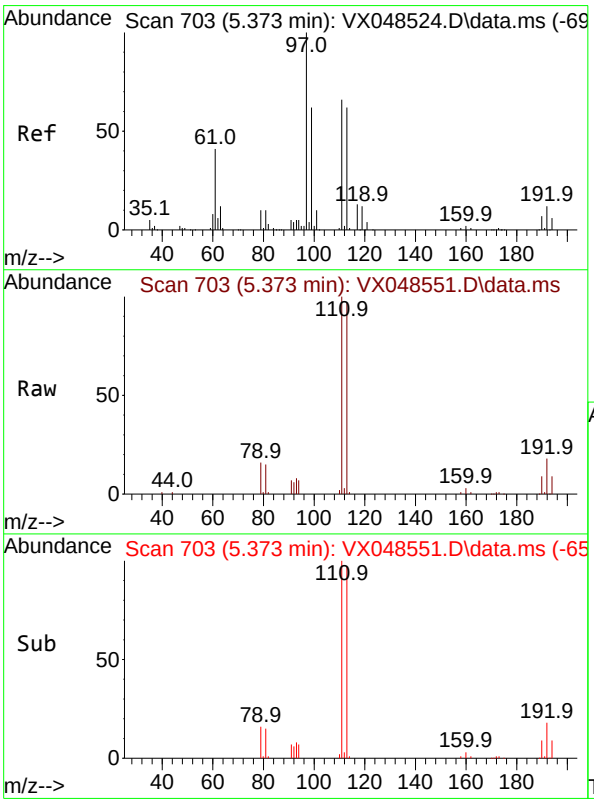
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:114 Resp: 353648

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.2
88	15.7	0.0	32.2

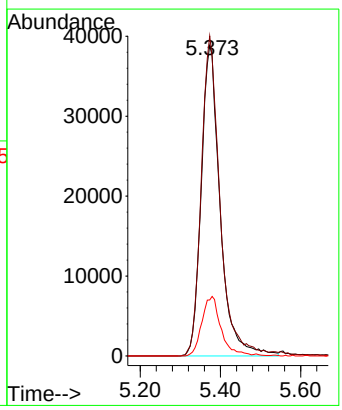


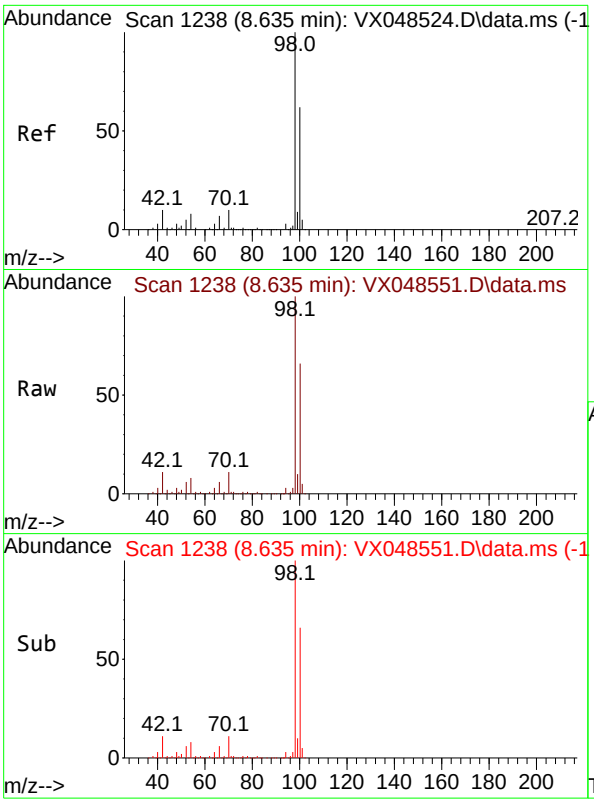


#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion:113 Resp: 127167

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.3	15.8	23.6



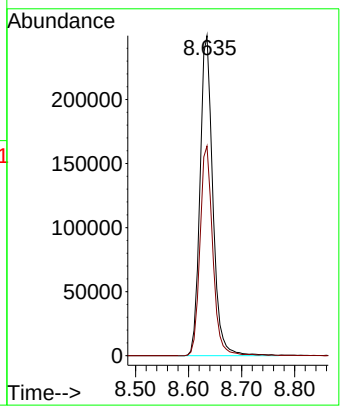


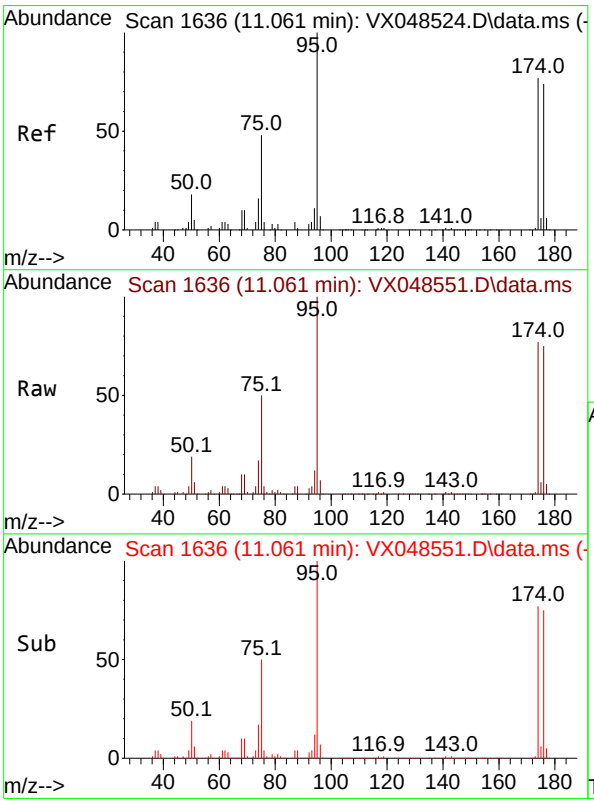
#50
Toluene-d8
Concen: 50.257 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion: 98 Resp: 419546

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.6	80.4

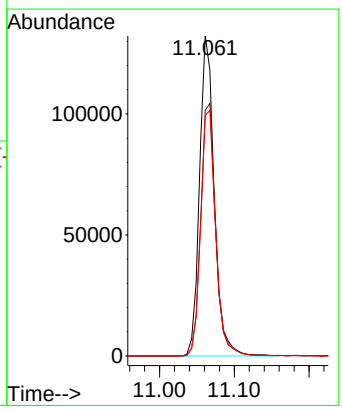


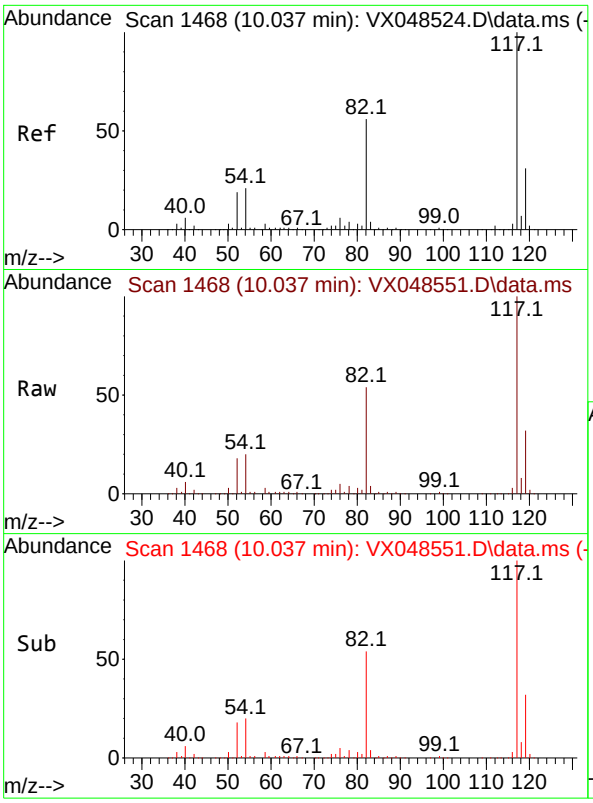


#62
4-Bromofluorobenzene
Concen: 57.997 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion: 95 Resp: 180428

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	161.8
176	78.3	0.0	153.6



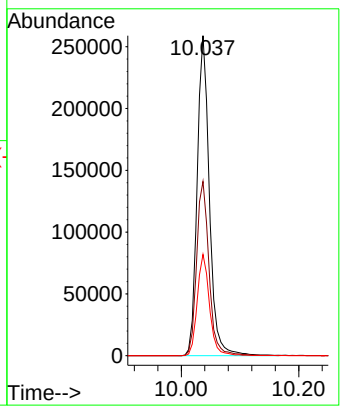


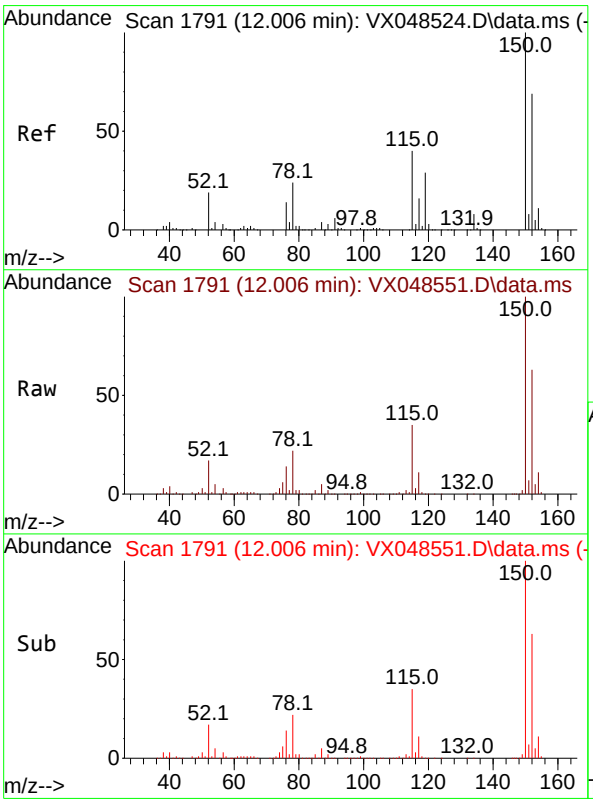
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:117 Resp: 374656

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.4	66.6
119	31.7	25.1	37.7

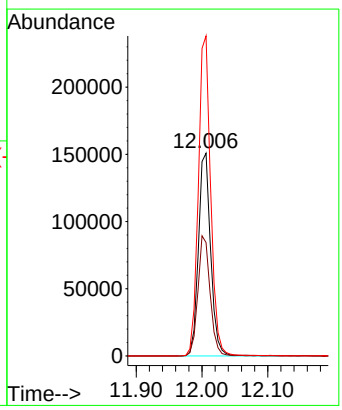




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion:152 Resp: 195630

Ion	Ratio	Lower	Upper
152	100		
115	59.1	39.2	117.6
150	158.6	0.0	347.0



Sample Results: **VX048551.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.532	554	565	577	rBV2	4299	15812	1.37%	0.248%
2	5.373	689	703	720	rBV2	124038	405584	35.01%	6.371%
3	5.538	720	730	754	rVB	169510	537606	46.41%	8.445%
4	5.940	786	796	821	rBV	129311	391095	33.76%	6.144%
5	6.745	918	928	951	rBV	303403	798942	68.97%	12.550%
6	8.635	1231	1238	1259	rBV	641931	1087164	93.85%	17.078%
7	10.037	1462	1468	1484	rBV	758407	1114493	96.21%	17.507%
8	11.061	1631	1636	1652	rBV	624062	856943	73.98%	13.461%
9	12.000	1785	1790	1803	rBV	883227	1158353	100.00%	18.196%

Sum of corrected areas: 6365992

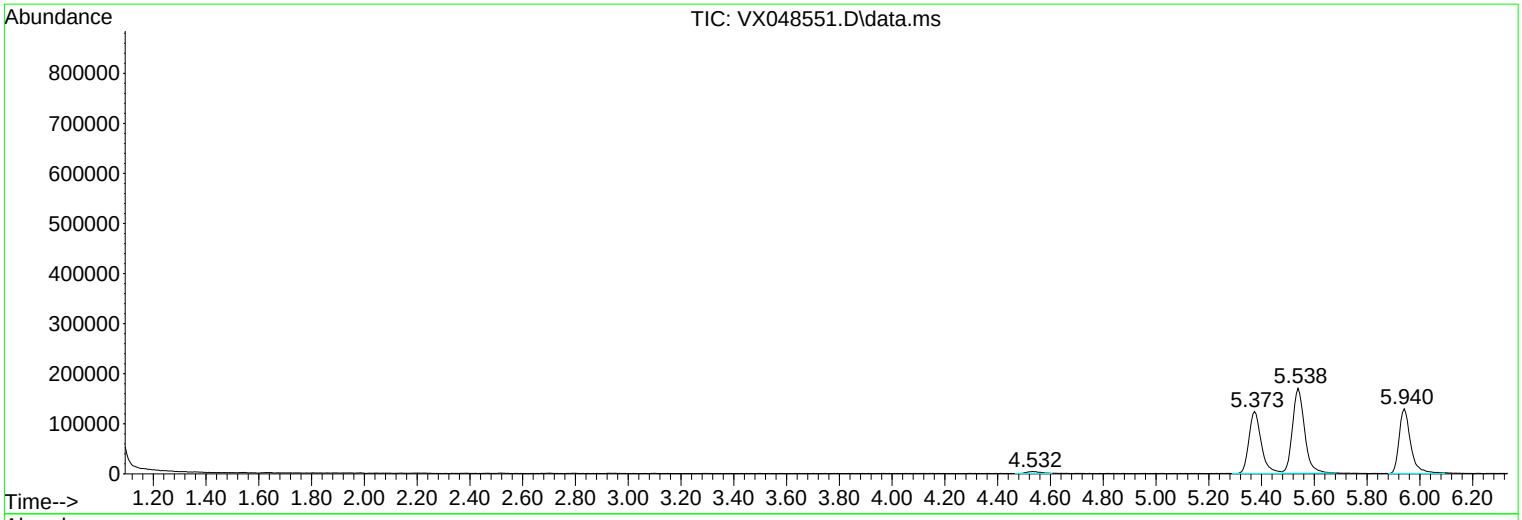
Sample Results: **VX048551.D**

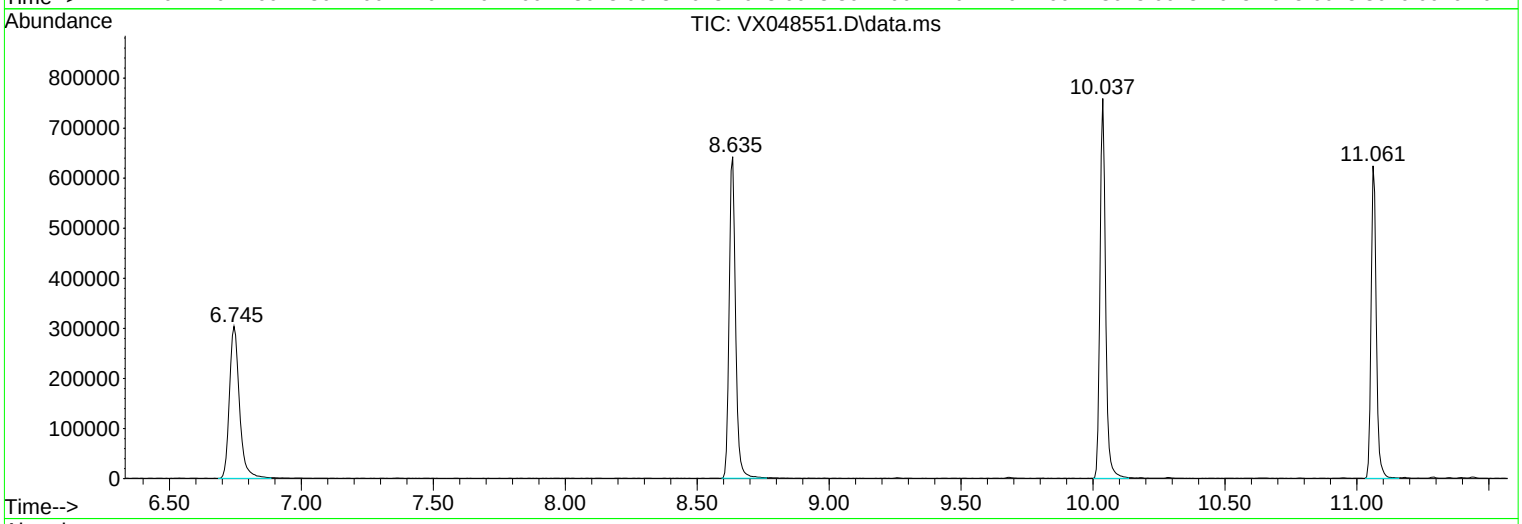
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

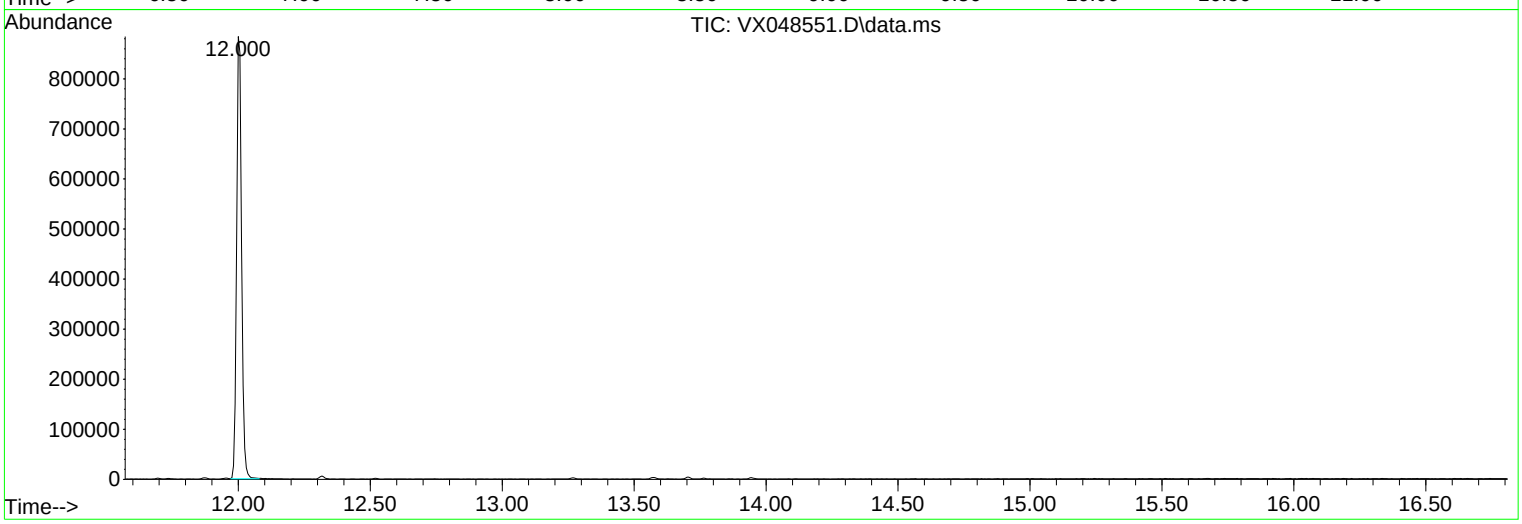
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	140876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	243139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112923	57.526	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.060%			
35) Dibromofluoromethane	5.367	113	86210	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	8.634	98	301462	52.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.061	95	109737	51.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20465	17.928	ug/l	95
3) Chloromethane	1.300	50	28108	18.565	ug/l	98
4) Vinyl Chloride	1.380	62	33281	19.414	ug/l	100
5) Bromomethane	1.617	94	27830	25.710	ug/l	93
6) Chloroethane	1.697	64	24708	22.009	ug/l	98
7) Trichlorofluoromethane	1.898	101	58692	21.642	ug/l	100
8) Diethyl Ether	2.136	74	24313	22.334	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	30974	19.728	ug/l	97
10) Methyl Iodide	2.453	142	48983	21.081	ug/l	98
11) Tert butyl alcohol	2.940	59	37344	100.397	ug/l	98
12) 1,1-Dichloroethene	2.325	96	32639	19.903	ug/l	98
13) Acrolein	2.233	56	5691	105.745	ug/l	94
14) Allyl chloride	2.666	41	59200	19.389	ug/l	92
15) Acrylonitrile	3.056	53	109426	100.774	ug/l	98
16) Acetone	2.373	43	108636	116.915	ug/l	95
17) Carbon Disulfide	2.520	76	81890	17.745	ug/l	99
18) Methyl Acetate	2.703	43	50530	19.788	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	119617	20.655	ug/l	98
20) Methylene Chloride	2.788	84	35802	18.741	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33527	19.289	ug/l	96
22) Diisopropyl ether	3.751	45	121948	20.800	ug/l	96
23) Vinyl Acetate	3.715	43	540649	105.290	ug/l	98
24) 1,1-Dichloroethane	3.611	63	63280	19.670	ug/l	98
25) 2-Butanone	4.538	43	149594	108.829	ug/l	96
26) 2,2-Dichloropropane	4.464	77	52756	19.236	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	40032	18.842	ug/l	94
28) Bromochloromethane	4.885	49	31225	19.758	ug/l	94
29) Tetrahydrofuran	4.989	42	100790	102.807	ug/l	98
30) Chloroform	5.080	83	67008	20.176	ug/l	99
31) Cyclohexane	5.458	56	49378	18.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56902	19.632	ug/l	97
36) 1,1-Dichloropropene	5.684	75	42403	17.208	ug/l	97
37) Ethyl Acetate	4.702	43	64757	18.669	ug/l	98
38) Carbon Tetrachloride	5.672	117	49963	17.812	ug/l	96
39) Methylcyclohexane	7.366	83	46942	16.966	ug/l	96
40) Benzene	6.025	78	136004	17.805	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.903	41	30559	20.033 ug/l	97
42) 1,2-Dichloroethane	6.074	62	54010	20.637 ug/l	98
43) Isopropyl Acetate	6.324	43	95792	19.646 ug/l	95
44) Trichloroethene	7.116	130	33906	18.571 ug/l	90
45) 1,2-Dichloropropane	7.415	63	35014	19.936 ug/l	98
46) Dibromomethane	7.568	93	26435	20.637 ug/l	95
47) Bromodichloromethane	7.805	83	53791	21.049 ug/l	100
48) Methyl methacrylate	7.677	41	45697	21.083 ug/l	91
49) 1,4-Dioxane	7.641	88	13171	398.794 ug/l #	95
51) 4-Methyl-2-Pentanone	8.555	43	317570	114.420 ug/l	95
52) Toluene	8.708	92	83086	20.661 ug/l	96
53) t-1,3-Dichloropropene	8.964	75	54951	20.869 ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	57267	21.003 ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	35527	22.112 ug/l	99
56) Ethyl methacrylate	9.098	69	57047	21.341 ug/l #	90
57) 1,3-Dichloropropane	9.293	76	59519	21.283 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	153306	106.674 ug/l	98
59) 2-Hexanone	9.415	43	236842	114.718 ug/l	94
60) Dibromochloromethane	9.506	129	42051	21.317 ug/l	97
61) 1,2-Dibromoethane	9.592	107	37617	21.616 ug/l	99
64) Tetrachloroethene	9.256	164	27696	17.352 ug/l	97
65) Chlorobenzene	10.061	112	94188	18.058 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33736	19.303 ug/l	100
67) Ethyl Benzene	10.177	91	157222	17.950 ug/l	100
68) m/p-Xylenes	10.287	106	122112	37.017 ug/l	96
69) o-Xylene	10.622	106	57684	17.873 ug/l	98
70) Styrene	10.640	104	100637	18.588 ug/l	98
71) Bromoform	10.780	173	29557	18.331 ug/l #	97
73) Isopropylbenzene	10.945	105	147698	18.057 ug/l	99
74) N-amyl acetate	10.829	43	79273	19.301 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	54036	18.733 ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49521m	18.241 ug/l	
77) Bromobenzene	11.183	156	37944	17.964 ug/l	94
78) n-propylbenzene	11.286	91	171824	17.865 ug/l	99
79) 2-Chlorotoluene	11.347	91	106362	18.301 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	120383	18.053 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	16605	17.495 ug/l #	87
82) 4-Chlorotoluene	11.439	91	123465	18.110 ug/l	97
83) tert-Butylbenzene	11.695	119	122800	17.805 ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	122630	18.227 ug/l	99
85) sec-Butylbenzene	11.872	105	148702	17.444 ug/l	100
86) p-Isopropyltoluene	11.994	119	126116	17.598 ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	71129	17.967 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	74145	18.133 ug/l	97
89) n-Butylbenzene	12.317	91	117045	17.410 ug/l	98
90) Hexachloroethane	12.518	117	24315	17.808 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	68691	18.075 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13477	20.104 ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	54218	21.469 ug/l	98
94) Hexachlorobutadiene	13.707	225	19374	18.352 ug/l	96
95) Naphthalene	13.755	128	173039	21.312 ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	41268	17.568 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

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

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

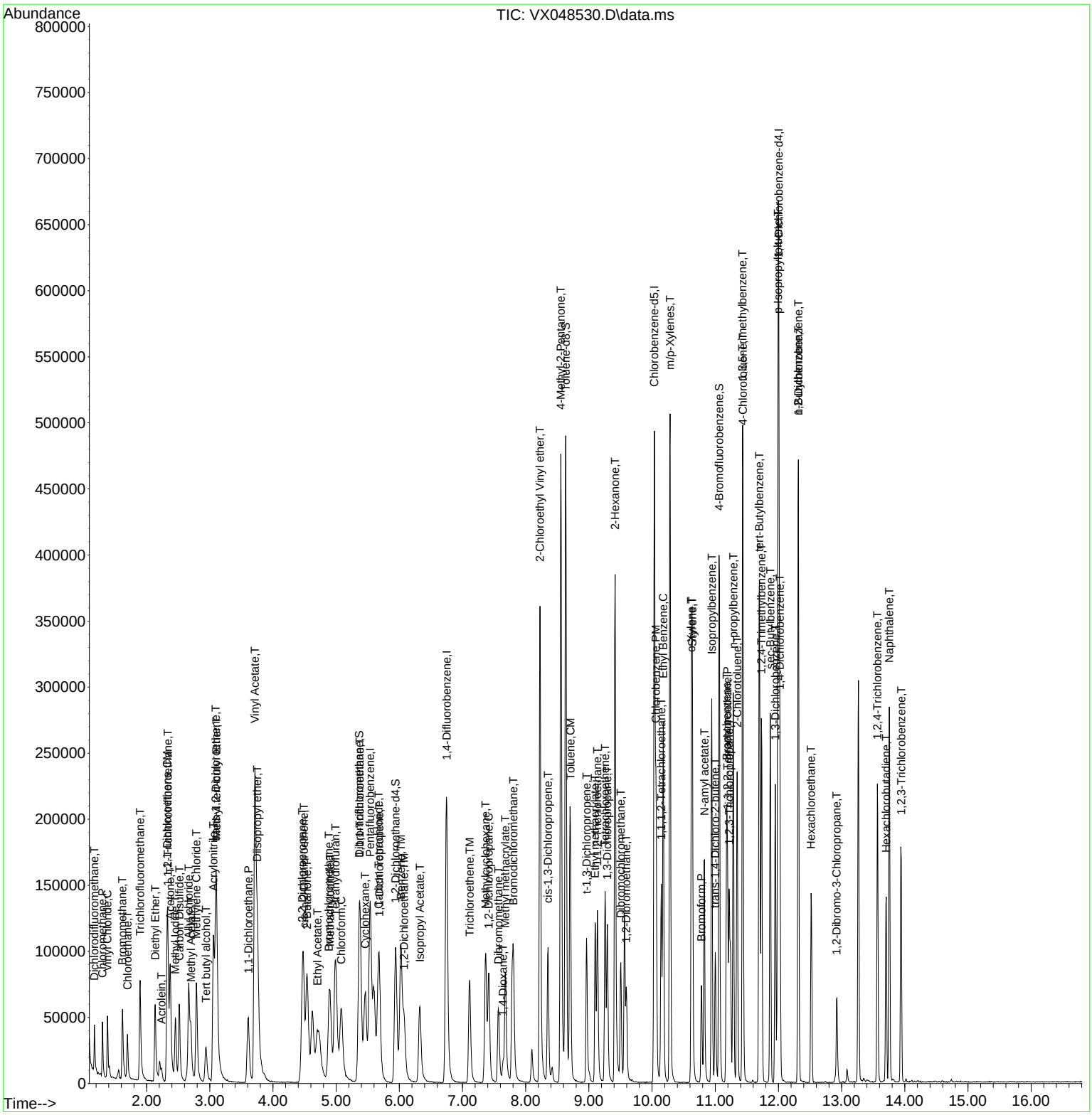
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	187478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	320628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	128083	49.030	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.060%			
35) Dibromofluoromethane	5.361	113	111758	46.053	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.100%			
50) Toluene-d8	8.628	98	389804	51.503	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.000%			
62) 4-Bromofluorobenzene	11.061	95	140209	49.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	31846	20.963	ug/l	99
3) Chloromethane	1.301	50	38239	18.978	ug/l	99
4) Vinyl Chloride	1.380	62	42798	18.760	ug/l	95
5) Bromomethane	1.618	94	30351	21.069	ug/l	95
6) Chloroethane	1.697	64	27306	18.277	ug/l	100
7) Trichlorofluoromethane	1.898	101	65097	18.037	ug/l	98
8) Diethyl Ether	2.130	74	26273	18.135	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	39260	18.790	ug/l	98
10) Methyl Iodide	2.453	142	55746	18.028	ug/l	100
11) Tert butyl alcohol	2.928	59	38259	77.289	ug/l	97
12) 1,1-Dichloroethene	2.325	96	39510	18.104	ug/l	97
13) Acrolein	2.233	56	11486	160.371	ug/l	93
14) Allyl chloride	2.660	41	71255	17.536	ug/l	100
15) Acrylonitrile	3.050	53	127715	88.381	ug/l	95
16) Acetone	2.367	43	112142	90.688	ug/l	99
17) Carbon Disulfide	2.514	76	107315	17.474	ug/l	99
18) Methyl Acetate	2.697	43	58958	17.349	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	140617	18.246	ug/l	99
20) Methylene Chloride	2.782	84	46771	18.397	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	42217	18.251	ug/l	96
22) Diisopropyl ether	3.739	45	144556	18.527	ug/l #	80
23) Vinyl Acetate	3.703	43	627851	91.878	ug/l	98
24) 1,1-Dichloroethane	3.599	63	79703	18.617	ug/l	99
25) 2-Butanone	4.532	43	163389	89.318	ug/l	98
26) 2,2-Dichloropropane	4.458	77	61557	16.866	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	49589	17.539	ug/l	99
28) Bromochloromethane	4.879	49	38962	18.525	ug/l	99
29) Tetrahydrofuran	4.977	42	108744	83.349	ug/l	99
30) Chloroform	5.068	83	78678	17.801	ug/l	97
31) Cyclohexane	5.452	56	61984	17.670	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	66591	17.264	ug/l	99
36) 1,1-Dichloropropene	5.672	75	51044	15.708	ug/l	98
37) Ethyl Acetate	4.684	43	76325	16.686	ug/l	98
38) Carbon Tetrachloride	5.659	117	57802	15.626	ug/l	99
39) Methylcyclohexane	7.360	83	63481	17.399	ug/l	97
40) Benzene	6.019	78	164576	16.339	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	31166	15.493	ug/l		95
42) 1,2-Dichloroethane	6.068	62	57528	16.669	ug/l		100
43) Isopropyl Acetate	6.312	43	102905	16.004	ug/l		99
44) Trichloroethene	7.104	130	41997	17.443	ug/l		96
45) 1,2-Dichloropropane	7.409	63	42295	18.262	ug/l		99
46) Dibromomethane	7.562	93	31667	18.747	ug/l		98
47) Bromodichloromethane	7.799	83	64325	19.088	ug/l		98
48) Methyl methacrylate	7.671	41	51632	18.064	ug/l		99
49) 1,4-Dioxane	7.635	88	13724	315.111	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.549	43	353588	96.608	ug/l		98
52) Toluene	8.696	92	104353	19.678	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	63977	18.424	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	69046	19.203	ug/l		100
55) 1,1,2-Trichloroethane	9.134	97	42591	20.102	ug/l		96
56) Ethyl methacrylate	9.098	69	67501	19.149	ug/l		100
57) 1,3-Dichloropropane	9.287	76	71504	19.389	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	172347	90.940	ug/l		98
59) 2-Hexanone	9.409	43	258071	94.790	ug/l		99
60) Dibromochloromethane	9.500	129	49678	19.097	ug/l		96
61) 1,2-Dibromoethane	9.592	107	45390	19.779	ug/l		100
64) Tetrachloroethene	9.256	164	33751	16.174	ug/l		99
65) Chlorobenzene	10.061	112	116810	17.130	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	41108	17.992	ug/l		99
67) Ethyl Benzene	10.177	91	191522	16.726	ug/l		99
68) m/p-Xylenes	10.281	106	150992	35.012	ug/l		98
69) o-Xylene	10.622	106	72301	17.135	ug/l		100
70) Styrene	10.634	104	124383	17.573	ug/l		99
71) Bromoform	10.781	173	35217	16.707	ug/l	#	97
73) Isopropylbenzene	10.945	105	184762	17.927	ug/l		98
74) N-amyl acetate	10.823	43	85415	16.506	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	64746	17.814	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	59866m	17.502	ug/l		
77) Bromobenzene	11.177	156	47542	17.864	ug/l		100
78) n-propylbenzene	11.287	91	214982	17.740	ug/l		100
79) 2-Chlorotoluene	11.341	91	129797	17.725	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	151486	18.030	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	19876	16.620	ug/l		95
82) 4-Chlorotoluene	11.433	91	150578	17.530	ug/l		98
83) tert-Butylbenzene	11.695	119	151250	17.405	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	150481	17.751	ug/l		98
85) sec-Butylbenzene	11.872	105	187607	17.468	ug/l		100
86) p-Isopropyltoluene	11.988	119	158968	17.605	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	88449	17.733	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	90728	17.610	ug/l		98
89) n-Butylbenzene	12.311	91	144896	17.106	ug/l		99
90) Hexachloroethane	12.518	117	29176	16.959	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	83852	17.512	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	14313	16.946	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	54049	16.987	ug/l		98
94) Hexachlorobutadiene	13.707	225	21638	16.268	ug/l		97
95) Naphthalene	13.756	128	174201	17.028	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	49589	16.755	ug/l		99

Sample Results: **VX048552.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 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

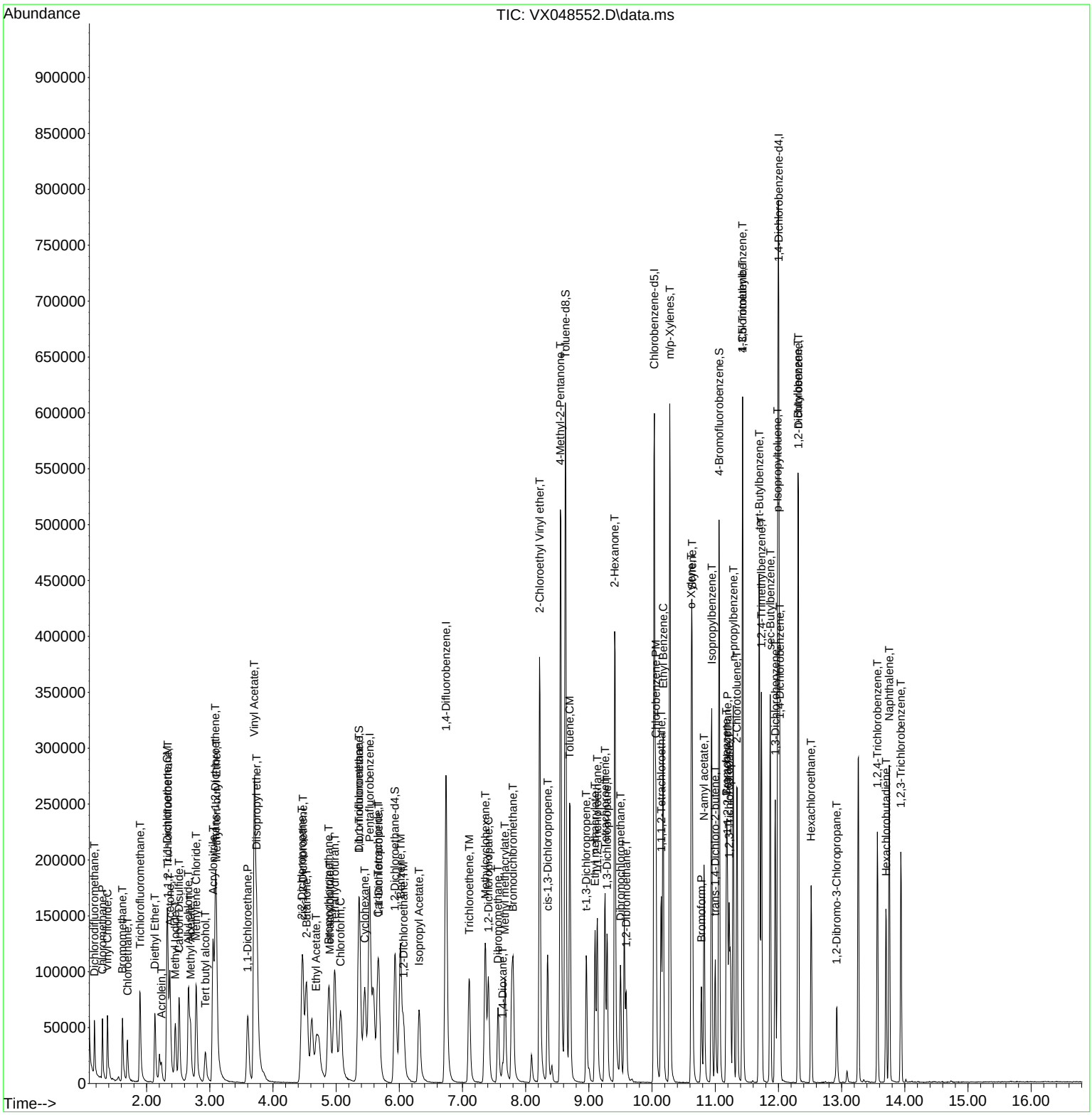
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	314084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	131022	50.353	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.700%			
35) Dibromofluoromethane	5.367	113	108083	45.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.940%			
50) Toluene-d8	8.628	98	370461	49.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.061	95	134981	48.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	21270	14.057	ug/l	99
3) Chloromethane	1.301	50	31642	15.766	ug/l	100
4) Vinyl Chloride	1.380	62	38176	16.800	ug/l	99
5) Bromomethane	1.618	94	30808	21.471	ug/l	95
6) Chloroethane	1.697	64	27211	18.285	ug/l	100
7) Trichlorofluoromethane	1.892	101	63335	17.618	ug/l	98
8) Diethyl Ether	2.130	74	26370	18.274	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	38071	18.293	ug/l	100
10) Methyl Iodide	2.453	142	60312	19.582	ug/l	100
11) Tert butyl alcohol	2.934	59	47232	95.794	ug/l	97
12) 1,1-Dichloroethene	2.325	96	39354	18.103	ug/l	90
13) Acrolein	2.233	56	6222	87.217	ug/l	98
14) Allyl chloride	2.666	41	71244	17.603	ug/l	98
15) Acrylonitrile	3.050	53	136142	94.585	ug/l	98
16) Acetone	2.367	43	112083	90.999	ug/l	98
17) Carbon Disulfide	2.514	76	105680	17.276	ug/l	99
18) Methyl Acetate	2.697	43	61904	18.288	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	145402	18.941	ug/l	97
20) Methylene Chloride	2.788	84	46553	18.384	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	40819	17.717	ug/l	95
22) Diisopropyl ether	3.745	45	147454	18.973	ug/l	94
23) Vinyl Acetate	3.709	43	631468	92.773	ug/l	98
24) 1,1-Dichloroethane	3.599	63	78660	18.446	ug/l	100
25) 2-Butanone	4.532	43	178755	98.105	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60785	16.720	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	51067	18.133	ug/l	100
28) Bromochloromethane	4.873	49	35994	17.182	ug/l	97
29) Tetrahydrofuran	4.983	42	121604	93.574	ug/l	98
30) Chloroform	5.074	83	80488	18.283	ug/l	99
31) Cyclohexane	5.458	56	64314	18.407	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	68308	17.779	ug/l	100
36) 1,1-Dichloropropene	5.678	75	52158	16.386	ug/l	98
37) Ethyl Acetate	4.690	43	79538	17.751	ug/l	98
38) Carbon Tetrachloride	5.659	117	61169	16.881	ug/l	100
39) Methylcyclohexane	7.367	83	63750	17.836	ug/l	96
40) Benzene	6.019	78	172089	17.441	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	37669	19.116	ug/l		95
42) 1,2-Dichloroethane	6.062	62	61312	18.136	ug/l		99
43) Isopropyl Acetate	6.318	43	114026	18.104	ug/l		99
44) Trichloroethene	7.104	130	43662	18.513	ug/l		95
45) 1,2-Dichloropropane	7.409	63	43274	19.074	ug/l		98
46) Dibromomethane	7.562	93	33518	20.256	ug/l		96
47) Bromodichloromethane	7.805	83	65250	19.766	ug/l		99
48) Methyl methacrylate	7.671	41	54587	19.496	ug/l		98
49) 1,4-Dioxane	7.641	88	17256	404.463	ug/l	#	96
51) 4-Methyl-2-Pentanone	8.555	43	376752	105.082	ug/l		97
52) Toluene	8.702	92	106489	20.499	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	64740	19.033	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	70428	19.996	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	43645	21.029	ug/l		96
56) Ethyl methacrylate	9.098	69	72320	20.943	ug/l		99
57) 1,3-Dichloropropane	9.293	76	74383	20.590	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	189469	102.057	ug/l		99
59) 2-Hexanone	9.415	43	277906	104.203	ug/l		100
60) Dibromochloromethane	9.506	129	50954	19.995	ug/l		98
61) 1,2-Dibromoethane	9.592	107	46976	20.897	ug/l		99
64) Tetrachloroethene	9.256	164	36443	18.398	ug/l		98
65) Chlorobenzene	10.061	112	119032	18.389	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	42224	19.468	ug/l		97
67) Ethyl Benzene	10.177	91	198257	18.239	ug/l		99
68) m/p-Xylenes	10.287	106	155476	37.978	ug/l		98
69) o-Xylene	10.622	106	74716	18.654	ug/l		98
70) Styrene	10.640	104	128142	19.072	ug/l		98
71) Bromoform	10.781	173	36575	18.278	ug/l	#	98
73) Isopropylbenzene	10.945	105	190283	18.736	ug/l		100
74) N-amyl acetate	10.823	43	93058	18.248	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	65696	18.343	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	61374m	18.207	ug/l		
77) Bromobenzene	11.177	156	48495	18.492	ug/l		99
78) n-propylbenzene	11.287	91	215215	18.022	ug/l		98
79) 2-Chlorotoluene	11.347	91	132256	18.328	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	151610	18.312	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	20599	17.479	ug/l		95
82) 4-Chlorotoluene	11.433	91	153524	18.137	ug/l		98
83) tert-Butylbenzene	11.695	119	157954	18.445	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	155016	18.556	ug/l		100
85) sec-Butylbenzene	11.872	105	192833	18.219	ug/l		100
86) p-Isopropyltoluene	11.988	119	163688	18.396	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	88632	18.032	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	90720	17.869	ug/l		99
89) n-Butylbenzene	12.317	91	148103	17.742	ug/l		100
90) Hexachloroethane	12.518	117	29792	17.573	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	85315	18.081	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15665	18.821	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	55768	17.786	ug/l		99
94) Hexachlorobutadiene	13.707	225	23639	18.035	ug/l		97
95) Naphthalene	13.756	128	193138	19.158	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	55097	18.891	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

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

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

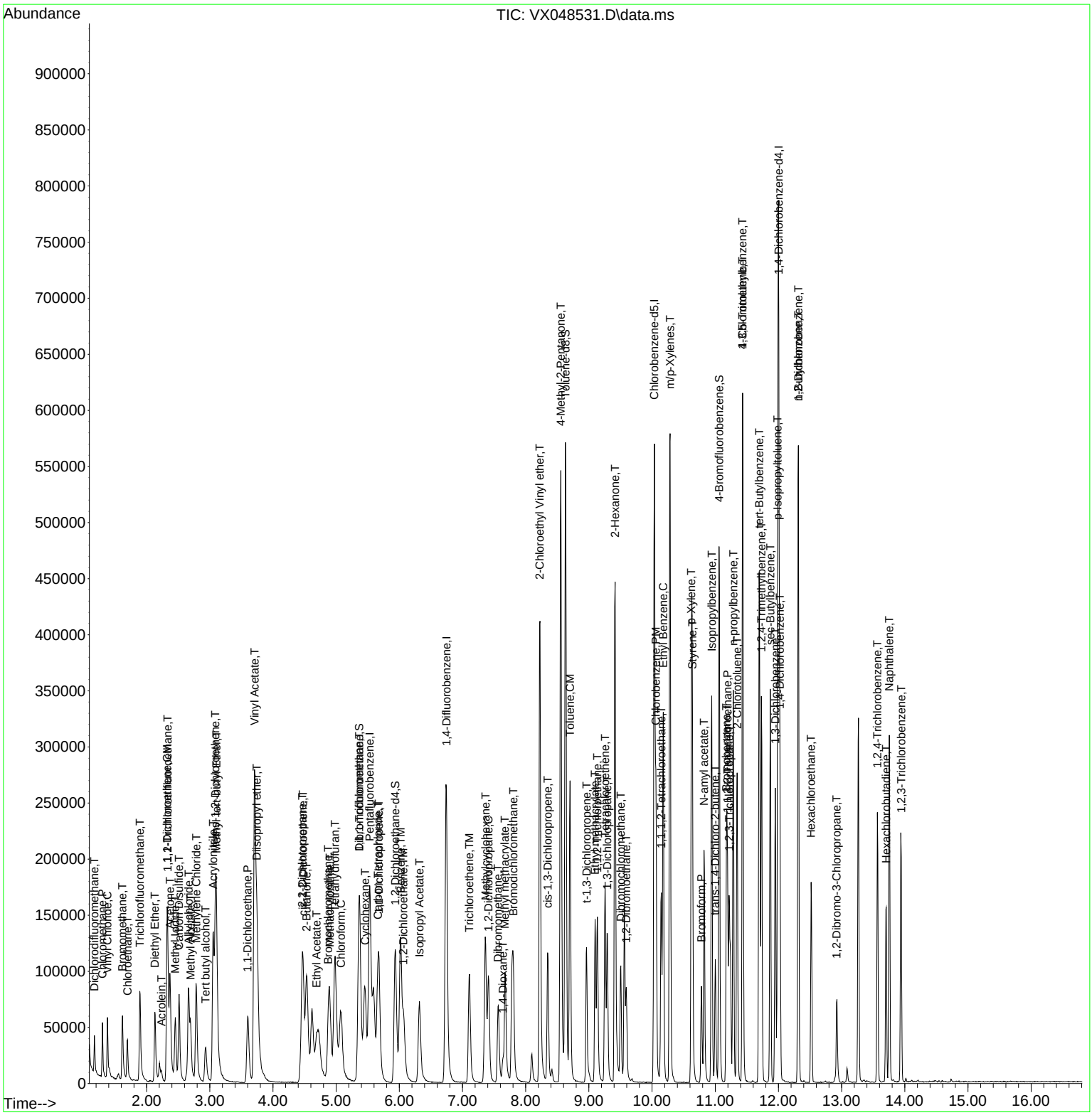
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



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Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048516.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	1,4-Dichlorobenzene	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	Acrolein	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	Bromomethane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC150	VX048521.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:44 AM	sam	11/10/2025 10:11:39 AM	Peak Integrated by Software
VSTDICCC050	VX048524.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:53 AM	sam	11/10/2025 10:12:22 AM	Peak Integrated by Software
VSTDICV050	VX048525.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:58 AM	sam	11/10/2025 10:11:48 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

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

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Manual Integration Report

Sequence:	VX111025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048527.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:07 AM	sam	11/11/2025 12:33:50 PM	Peak Integrated by Software
VX1110WBS01	VX048530.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:11 AM	sam	11/11/2025 12:33:56 PM	Peak Integrated by Software
VX1110WBSD01	VX048531.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:16 AM	sam	11/11/2025 12:34:02 PM	Peak Integrated by Software
VSTDCCC050	VX048547.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:20 AM	sam	11/11/2025 12:34:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX111125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048549.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:08 AM	MMDadoda	11/12/2025 11:42:51 AM	Peak Integrated by Software
VX1111WBS01	VX048552.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:13 AM	MMDadoda	11/12/2025 11:42:56 AM	Peak Integrated by Software
VSTDCCC050	VX048561.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:29 AM	MMDadoda	11/12/2025 11:43:06 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM		
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM		
SubDirectory	VX110725	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048515.D	07 Nov 2025 13:06	JC/MD	Ok
2	VSTDICC001	VX048516.D	07 Nov 2025 13:35	JC/MD	Ok,M
3	VSTDICC005	VX048517.D	07 Nov 2025 13:56	JC/MD	Ok,M
4	VSTDICC020	VX048518.D	07 Nov 2025 14:16	JC/MD	Ok,M
5	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	JC/MD	Not Ok
6	VSTDICC100	VX048520.D	07 Nov 2025 14:58	JC/MD	Ok,M
7	VSTDICC150	VX048521.D	07 Nov 2025 15:18	JC/MD	Ok,M
8	VIBLK	VX048522.D	07 Nov 2025 15:39	JC/MD	Ok
9	VSTDICC005	VX048523.D	07 Nov 2025 16:08	JC/MD	Not Ok
10	VSTDICCC050	VX048524.D	07 Nov 2025 16:29	JC/MD	Ok,M
11	VSTDICV050	VX048525.D	07 Nov 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048526.D	10 Nov 2025 08:34	JC/MD	Ok
2	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	JC/MD	Ok,M
3	VX1110WBL01	VX048528.D	10 Nov 2025 10:04	JC/MD	Ok
4	VX1110MBL01	VX048529.D	10 Nov 2025 11:28	JC/MD	Ok
5	VX1110WBS01	VX048530.D	10 Nov 2025 11:49	JC/MD	Ok,M
6	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16	JC/MD	Ok,M
7	Q3573-01	VX048532.D	10 Nov 2025 12:37	JC/MD	Ok
8	Q3573-02	VX048533.D	10 Nov 2025 12:58	JC/MD	Ok
9	Q3573-03	VX048534.D	10 Nov 2025 13:19	JC/MD	Ok
10	Q3573-04	VX048535.D	10 Nov 2025 13:43	JC/MD	Ok
11	Q3569-03	VX048536.D	10 Nov 2025 14:04	JC/MD	Ok
12	Q3584-04	VX048537.D	10 Nov 2025 14:25	JC/MD	ReRun
13	Q3584-05	VX048538.D	10 Nov 2025 14:45	JC/MD	Ok
14	Q3584-06	VX048539.D	10 Nov 2025 15:06	JC/MD	Ok
15	Q3584-01	VX048540.D	10 Nov 2025 15:27	JC/MD	Ok
16	Q3584-02	VX048541.D	10 Nov 2025 15:48	JC/MD	Ok
17	Q3584-03	VX048542.D	10 Nov 2025 16:08	JC/MD	Ok
18	Q3569-01	VX048543.D	10 Nov 2025 16:29	JC/MD	Ok
19	Q3569-02	VX048544.D	10 Nov 2025 16:49	JC/MD	Dilution
20	Q3584-07	VX048545.D	10 Nov 2025 17:10	JC/MD	Not Ok
21	IBLK	VX048546.D	10 Nov 2025 17:30	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX048547.D	10 Nov 2025 17:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111125

Review By	John Carlone	Review On	11/12/2025 8:11:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/12/2025 11:43:18 AM		
SubDirectory	VX111125	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136142
Initial Calibration Stds	
CCC	VP136143,VP136144
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048548.D	11 Nov 2025 08:09	JC/MD	Ok
2	VSTDCCC050	VX048549.D	11 Nov 2025 09:11	JC/MD	Ok,M
3	VX1111MBL01	VX048550.D	11 Nov 2025 09:41	JC/MD	Ok
4	VX1111WBL01	VX048551.D	11 Nov 2025 10:02	JC/MD	Ok
5	VX1111WBS01	VX048552.D	11 Nov 2025 10:35	JC/MD	Ok,M
6	VX1111WBSD01	VX048553.D	11 Nov 2025 11:03	JC/MD	Ok,M
7	IBLK	VX048554.D	11 Nov 2025 11:23	JC/MD	Ok
8	Q3584-04	VX048555.D	11 Nov 2025 11:43	JC/MD	Ok
9	Q3584-07	VX048556.D	11 Nov 2025 12:04	JC/MD	Ok
10	Q3569-02DL	VX048557.D	11 Nov 2025 12:24	JC/MD	Ok
11	Q3574-01	VX048558.D	11 Nov 2025 12:45	JC/MD	Not Ok
12	Q3574-01	VX048559.D	11 Nov 2025 13:25	JC/MD	Not Ok
13	IBLK	VX048560.D	11 Nov 2025 13:45	JC/MD	Ok
14	VSTDCCC050	VX048561.D	11 Nov 2025 15:06	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM		
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM		
SubDirectory	VX110725	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048515.D	07 Nov 2025 13:06		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048516.D	07 Nov 2025 13:35		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048517.D	07 Nov 2025 13:56		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048518.D	07 Nov 2025 14:16		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	spiked low	JC/MD	Not Ok
6	VSTDICC100	VSTDICC100	VX048520.D	07 Nov 2025 14:58		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048521.D	07 Nov 2025 15:18		JC/MD	Ok,M
8	VIBLK	VIBLK	VX048522.D	07 Nov 2025 15:39		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX048523.D	07 Nov 2025 16:08	spike error	JC/MD	Not Ok
10	VSTDICCC050	VSTDICCC050	VX048524.D	07 Nov 2025 16:29		JC/MD	Ok,M
11	VSTDICV050	ICVVX110725	VX048525.D	07 Nov 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048526.D	10 Nov 2025 08:34		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	pH#Lot#V12668	JC/MD	Ok,M
3	VX1110WBL01	VX1110WBL01	VX048528.D	10 Nov 2025 10:04		JC/MD	Ok
4	VX1110MBL01	VX1110MBL01	VX048529.D	10 Nov 2025 11:28		JC/MD	Ok
5	VX1110WBS01	VX1110WBS01	VX048530.D	10 Nov 2025 11:49		JC/MD	Ok,M
6	VX1110WBSD01	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16		JC/MD	Ok,M
7	Q3573-01	STORAGE-BLANK-SO	VX048532.D	10 Nov 2025 12:37	vial A pH<2	JC/MD	Ok
8	Q3573-02	STORAGE-BLANK-WA	VX048533.D	10 Nov 2025 12:58	vial A pH<2	JC/MD	Ok
9	Q3573-03	STORAGE-BLANK-WA	VX048534.D	10 Nov 2025 13:19	vial A pH<2	JC/MD	Ok
10	Q3573-04	STORAGE-BLANK-SA	VX048535.D	10 Nov 2025 13:43	vial A pH<2	JC/MD	Ok
11	Q3569-03	TB-2	VX048536.D	10 Nov 2025 14:04	vial A pH<2 TB	JC/MD	Ok
12	Q3584-04	EB-2	VX048537.D	10 Nov 2025 14:25	vial A pH<2 EB;Hit of Com.#16	JC/MD	ReRun
13	Q3584-05	FB-2	VX048538.D	10 Nov 2025 14:45	vial A pH<2 FB	JC/MD	Ok
14	Q3584-06	TB-3	VX048539.D	10 Nov 2025 15:06	vial A pH<2 TB	JC/MD	Ok
15	Q3584-01	SW-1	VX048540.D	10 Nov 2025 15:27	vial A pH<2	JC/MD	Ok
16	Q3584-02	SW-2	VX048541.D	10 Nov 2025 15:48	vial A pH<2	JC/MD	Ok
17	Q3584-03	SW-3	VX048542.D	10 Nov 2025 16:08	vial A pH<2	JC/MD	Ok
18	Q3569-01	MW-2	VX048543.D	10 Nov 2025 16:29	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3569-02	MW-12	VX048544.D	10 Nov 2025 16:49	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q3584-07	SEEP-1	VX048545.D	10 Nov 2025 17:10	Need Straight Run	JC/MD	Not Ok
21	IBLK	IBLK	VX048546.D	10 Nov 2025 17:30		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX048547.D	10 Nov 2025 17:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111125

Review By	John Carlone	Review On	11/12/2025 8:11:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/12/2025 11:43:18 AM		
SubDirectory	VX111125	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136142
Initial Calibration Stds	
CCC	VP136143,VP136144
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048548.D	11 Nov 2025 08:09		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048549.D	11 Nov 2025 09:11	pH#Lot#V12668	JC/MD	Ok,M
3	VX1111MBL01	VX1111MBL01	VX048550.D	11 Nov 2025 09:41		JC/MD	Ok
4	VX1111WBL01	VX1111WBL01	VX048551.D	11 Nov 2025 10:02		JC/MD	Ok
5	VX1111WBS01	VX1111WBS01	VX048552.D	11 Nov 2025 10:35	BS failed low for com.#40	JC/MD	Ok,M
6	VX1111WBSD01	VX1111WBSD01	VX048553.D	11 Nov 2025 11:03		JC/MD	Ok,M
7	IBLK	IBLK	VX048554.D	11 Nov 2025 11:23		JC/MD	Ok
8	Q3584-04	EB-2	VX048555.D	11 Nov 2025 11:43	vial B pH<2	JC/MD	Ok
9	Q3584-07	SEEP-1	VX048556.D	11 Nov 2025 12:04	vial A pH<2	JC/MD	Ok
10	Q3569-02DL	MW-12DL	VX048557.D	11 Nov 2025 12:24	vial B pH<2	JC/MD	Ok
11	Q3574-01	304641-01 Liquid	VX048558.D	11 Nov 2025 12:45	Surrogate fail;Run @ Lower Dilution	JC/MD	Not Ok
12	Q3574-01	304641-01 Liquid	VX048559.D	11 Nov 2025 13:25	Surrogate fail;Need straight run	JC/MD	Not Ok
13	IBLK	IBLK	VX048560.D	11 Nov 2025 13:45		JC/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VX048561.D	11 Nov 2025 15:06		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**Water**			**11/05/25**			**11/06/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3569-02	**MW-12**	**Water**			**11/05/25**			**11/06/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3569-02DL	**MW-12DL**	**Water**			**11/05/25**			**11/06/25**
			VOC-TCLVOA-10	8260-Low			11/11/25	
Q3569-03	**TB-2**	**Water**			**11/05/25**			**11/06/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-2									
Q3569-01	MW-2	WATER	Bis(2-ethylhexyl)phthalate		3.100	J	1.7	5.3	ug/L
Q3569-01	MW-2	WATER	1,4-Dioxane		32.100		1.1	5.3	ug/L
			Total Svoc :		**35.20**				
Q3569-01	MW-2	WATER	2(3H)-Benzothiazolone	*	28.700	J	0	0	ug/L
Q3569-01	MW-2	WATER	2,4,6-Cycloheptatrien-1-one	*	3.000	J	0	0	ug/L
Q3569-01	MW-2	WATER	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	2.700	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzenamine, N,N-dimethyl-	*	2.600	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzeneacetamide, .alpha.-ethyl-	*	2.300	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzophenone	*	10.900	J	0	0	ug/L
Q3569-01	MW-2	WATER	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	*	2.600	J	0	0	ug/L
Q3569-01	MW-2	WATER	n-Hexadecanoic acid	*	11.300	J	0	0	ug/L
Q3569-01	MW-2	WATER	Octadecanoic acid	*	2.500	J	0	0	ug/L
Q3569-01	MW-2	WATER	Pentacos-1-ene	*	2.400	J	0	0	ug/L
Q3569-01	MW-2	WATER	1,3-Dithiolane	*	6.300	J	0	0	ug/L
			Total Tics :		**75.30**				
			Total Concentration:		**110.50**				
Client ID : MW-12									
Q3569-02	MW-12	WATER	2-Chlorophenol		2.300	J	0.61	5.3	ug/L
Q3569-02	MW-12	WATER	3+4-Methylphenols		2.800	J	1.2	10.5	ug/L
Q3569-02	MW-12	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.7	5.3	ug/L
Q3569-02	MW-12	WATER	1,4-Dioxane		91.600	E	1.1	5.3	ug/L
			Total Svoc :		**99.70**				
Q3569-02	MW-12	WATER	2(3H)-Benzothiazolone	*	200.000	J	0	0	ug/L
Q3569-02	MW-12	WATER	Benzenesulfonamide, N-ethyl-4-m	*	11.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Benzoic acid, p-tert-butyl-	*	9.100	J	0	0	ug/L
Q3569-02	MW-12	WATER	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	*	10.700	J	0	0	ug/L
Q3569-02	MW-12	WATER	Glutethimide	*	48.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Ibuprofen	*	15.200	J	0	0	ug/L
Q3569-02	MW-12	WATER	n-Hexadecanoic acid	*	6.800	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, 4,4-(1-methylethylidene)b	*	53.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, 4-chloro-	*	10.800	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, p-tert-butyl-	*	39.400	J	0	0	ug/L
Q3569-02	MW-12	WATER	Aniline	*	3.300	J	1.6	5.3	ug/L
			Total Tics :		**410.00**				
			Total Concentration:		**509.70**				
Client ID : MW-12DL									
Q3569-02DL	MW-12DL	WATER	1,4-Dioxane		90.400	D	2.1	10.5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :			**90.40**		
		Total Concentration:			**90.40**		

SAMPLE DATA

Raw Data: **BP026095.D**

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.20	U	1	4.20	10.6	ug/L	11/11/25 18:14	PB170473
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/11/25 18:14	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/11/25 18:14	PB170473
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:14	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/11/25 18:14	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/11/25 18:14	PB170473
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:14	PB170473
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/11/25 18:14	PB170473
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/11/25 18:14	PB170473
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/11/25 18:14	PB170473
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:14	PB170473
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/11/25 18:14	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/11/25 18:14	PB170473
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/11/25 18:14	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/11/25 18:14	PB170473
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/11/25 18:14	PB170473
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/11/25 18:14	PB170473
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/11/25 18:14	PB170473
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/11/25 18:14	PB170473
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/11/25 18:14	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/11/25 18:14	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/11/25 18:14	PB170473
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/11/25 18:14	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/11/25 18:14	PB170473

Raw Data: **BP026095.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:14	PB170473
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/11/25 18:14	PB170473
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/11/25 18:14	PB170473
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/11/25 18:14	PB170473
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/11/25 18:14	PB170473
91-94-1	3,3-Dichlorobenzidine	0.99	UQ	1	0.99	10.6	ug/L	11/11/25 18:14	PB170473
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/11/25 18:14	PB170473
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/11/25 18:14	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.10	J	1	1.70	5.30	ug/L	11/11/25 18:14	PB170473
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/11/25 18:14	PB170473
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/11/25 18:14	PB170473
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/11/25 18:14	PB170473
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
123-91-1	1,4-Dioxane	32.1		1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	78.3			15 (10) - 110 (134)	52%	SPK: 150		
13127-88-3	Phenol-d6	52.9			15 (10) - 110 (135)	35%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.9			30 (39) - 130 (138)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			30 (52) - 130 (132)	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	182	*		15 (44) - 110 (137)	122%	SPK: 150		
1718-51-0	Terphenyl-d14	80.4			30 (42) - 130 (152)	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	269000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	698000							
1517-22-2	Phenanthrene-d10	1530000							
1719-03-5	Chrysene-d12	1830000							
1520-96-3	Perylene-d12	2040000							
TENTATIVE IDENTIFIED COMPOUNDS									
004829-04-3	1,3-Dithiolane	6.30	J			7.22	ug/L		
000121-69-7	Benzenamine, N,N-dimethyl-	2.60	J			8.87	ug/L		

Raw Data: **BP026095.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-2			SDG No.:	Q3569
Lab Sample ID:	Q3569-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000539-80-0	2,4,6-Cycloheptatrien-1-one	3.00	J			9.87	ug/L		
000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	2.60	J			10.0	ug/L		
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	2.70	J			13.2	ug/L		
000090-26-6	Benzeneacetamide, .alpha.-ethyl-	2.30	J			14.2	ug/L		
000119-61-9	Benzophenone	10.9	J			15.7	ug/L		
000934-34-9	2(3H)-Benzothiazolone	28.7	J			16.0	ug/L		
000057-10-3	n-Hexadecanoic acid	11.3	J			18.1	ug/L		
000057-11-4	Octadecanoic acid	2.50	J			19.4	ug/L		
016980-85-1	Pentacos-1-ene	2.40	J			21.3	ug/L		

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

Raw Data: **BP026096.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/11/25 18:55	PB170473
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/11/25 18:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/11/25 18:55	PB170473
95-57-8	2-Chlorophenol	2.30	J	1	0.61	5.30	ug/L	11/11/25 18:55	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/11/25 18:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/11/25 18:55	PB170473
65794-96-9	3+4-Methylphenols	2.80	J	1	1.20	10.5	ug/L	11/11/25 18:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/11/25 18:55	PB170473
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/11/25 18:55	PB170473
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:55	PB170473
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:55	PB170473
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:55	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:55	PB170473
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
106-47-8	4-Chloroaniline	0.88	U	1	0.88	5.30	ug/L	11/11/25 18:55	PB170473
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/11/25 18:55	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/11/25 18:55	PB170473
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:55	PB170473
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:55	PB170473
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/11/25 18:55	PB170473
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/11/25 18:55	PB170473
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:55	PB170473
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/11/25 18:55	PB170473
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:55	PB170473
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/11/25 18:55	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/11/25 18:55	PB170473
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/11/25 18:55	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/11/25 18:55	PB170473
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:55	PB170473
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/11/25 18:55	PB170473
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/11/25 18:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/11/25 18:55	PB170473

Raw Data: **BP026096.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.61	U	1	0.61	5.30	ug/L	11/11/25 18:55	PB170473
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/11/25 18:55	PB170473
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/11/25 18:55	PB170473
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/11/25 18:55	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/11/25 18:55	PB170473
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/11/25 18:55	PB170473
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/11/25 18:55	PB170473
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/11/25 18:55	PB170473
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/11/25 18:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.70	5.30	ug/L	11/11/25 18:55	PB170473
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/11/25 18:55	PB170473
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/11/25 18:55	PB170473
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/11/25 18:55	PB170473
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/11/25 18:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/11/25 18:55	PB170473
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
123-91-1	1,4-Dioxane	91.6	E	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/11/25 18:55	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	68.0			15 (10) - 110 (134)	45%	SPK: 150		
13127-88-3	Phenol-d6	45.2			15 (10) - 110 (135)	30%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.8			30 (39) - 130 (138)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.3			30 (52) - 130 (132)	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			15 (44) - 110 (137)	106%	SPK: 150		
1718-51-0	Terphenyl-d14	80.6			30 (42) - 130 (152)	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	347000							
1146-65-2	Naphthalene-d8	1350000							
15067-26-2	Acenaphthene-d10	840000							
1517-22-2	Phenanthrene-d10	1660000							
1719-03-5	Chrysene-d12	1890000							
1520-96-3	Perylene-d12	2200000							
TENTATIVE IDENTIFIED COMPOUNDS									
62-53-3	Aniline	3.30	J			7.03	ug/L		
000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	10.7	J			10.0	ug/L		

Raw Data: **BP026096.D**

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:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12			SDG No.:	Q3569
Lab Sample ID:	Q3569-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000106-48-9	Phenol, 4-chloro-	10.8	J			10.3	ug/L		
000098-54-4	Phenol, p-tert-butyl-	39.4	J			11.8	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	9.10	J			14.1	ug/L		
015687-27-1	Ibuprofen	15.2	J			15.4	ug/L		
000934-34-9	2(3H)-Benzothiazolone	200	J			16.1	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	11.9	J			16.4	ug/L		
000077-21-4	Glutethimide	48.9	J			17.7	ug/L		
000057-10-3	n-Hexadecanoic acid	6.80	J			18.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	53.9	J			19.7	ug/L		

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

Raw Data: **BP026116.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	8.20	UD	2	8.20	21.1	ug/L	11/12/25 17:17	PB170473
108-95-2	Phenol	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
95-57-8	2-Chlorophenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
95-48-7	2-Methylphenol	2.40	UD	2	2.40	10.5	ug/L	11/12/25 17:17	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
98-86-2	Acetophenone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
65794-96-9	3+4-Methylphenols	2.30	UD	2	2.30	21.1	ug/L	11/12/25 17:17	PB170473
621-64-7	n-Nitroso-di-n-propylamine	3.00	UD	2	3.00	5.30	ug/L	11/12/25 17:17	PB170473
67-72-1	Hexachloroethane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
98-95-3	Nitrobenzene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
78-59-1	Isophorone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
88-75-5	2-Nitrophenol	3.70	UD	2	3.70	10.5	ug/L	11/12/25 17:17	PB170473
105-67-9	2,4-Dimethylphenol	3.90	UD	2	3.90	10.5	ug/L	11/12/25 17:17	PB170473
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
120-83-2	2,4-Dichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-20-3	Naphthalene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
106-47-8	4-Chloroaniline	1.80	UDQ	2	1.80	10.5	ug/L	11/12/25 17:17	PB170473
87-68-3	Hexachlorobutadiene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
105-60-2	Caprolactam	2.40	UD	2	2.40	21.1	ug/L	11/12/25 17:17	PB170473
59-50-7	4-Chloro-3-methylphenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
91-57-6	2-Methylnaphthalene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
77-47-4	Hexachlorocyclopentadiene	7.60	UD	2	7.60	21.1	ug/L	11/12/25 17:17	PB170473
88-06-2	2,4,6-Trichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
95-95-4	2,4,5-Trichlorophenol	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
92-52-4	1,1-Biphenyl	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-58-7	2-Chloronaphthalene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
88-74-4	2-Nitroaniline	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
131-11-3	Dimethylphthalate	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
208-96-8	Acenaphthylene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
606-20-2	2,6-Dinitrotoluene	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
99-09-2	3-Nitroaniline	2.20	UDQ	2	2.20	10.5	ug/L	11/12/25 17:17	PB170473
83-32-9	Acenaphthene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
51-28-5	2,4-Dinitrophenol	12.6	UD	2	12.6	21.1	ug/L	11/12/25 17:17	PB170473
100-02-7	4-Nitrophenol	5.00	UD	2	5.00	21.1	ug/L	11/12/25 17:17	PB170473
132-64-9	Dibenzofuran	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
121-14-2	2,4-Dinitrotoluene	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
84-66-2	Diethylphthalate	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
86-73-7	Fluorene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
100-01-6	4-Nitroaniline	3.20	UD	2	3.20	10.5	ug/L	11/12/25 17:17	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	6.10	UD	2	6.10	21.1	ug/L	11/12/25 17:17	PB170473

Raw Data: **BP026116.D**

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:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12DL			SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
101-55-3	4-Bromophenyl-phenylether	0.84	UD	2	0.84	10.5	ug/L	11/12/25 17:17	PB170473
118-74-1	Hexachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
1912-24-9	Atrazine	2.10	UD	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
87-86-5	Pentachlorophenol	3.30	UD	2	3.30	21.1	ug/L	11/12/25 17:17	PB170473
85-01-8	Phenanthrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
120-12-7	Anthracene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
86-74-8	Carbazole	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
84-74-2	Di-n-butylphthalate	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
206-44-0	Fluoranthene	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
129-00-0	Pyrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
85-68-7	Butylbenzylphthalate	4.10	UD	2	4.10	10.5	ug/L	11/12/25 17:17	PB170473
91-94-1	3,3-Dichlorobenzidine	2.00	UDQ	2	2.00	21.1	ug/L	11/12/25 17:17	PB170473
56-55-3	Benzo(a)anthracene	0.95	UD	2	0.95	10.5	ug/L	11/12/25 17:17	PB170473
218-01-9	Chrysene	0.93	UD	2	0.93	10.5	ug/L	11/12/25 17:17	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.40	UD	2	3.40	10.5	ug/L	11/12/25 17:17	PB170473
117-84-0	Di-n-octyl phthalate	4.90	UD	2	4.90	21.1	ug/L	11/12/25 17:17	PB170473
205-99-2	Benzo(b)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
207-08-9	Benzo(k)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
50-32-8	Benzo(a)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
191-24-2	Benzo(g,h,i)perylene	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
123-91-1	1,4-Dioxane	90.4	D	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	66.2			15 (10) - 110 (134)	44%	SPK: 150		
13127-88-3	Phenol-d6	44.2			15 (10) - 110 (135)	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.9			30 (39) - 130 (138)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.9			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	164			15 (44) - 110 (137)	109%	SPK: 150		
1718-51-0	Terphenyl-d14	84.4			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1360000							
15067-26-2	Acenaphthene-d10	867000							
1517-22-2	Phenanthrene-d10	1780000							
1719-03-5	Chrysene-d12	2020000							
1520-96-3	Perylene-d12	2320000							

Raw Data: **BP026116.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12DL			SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170473BL	PB170473BL	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	119	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	84.0	84		30 (39)	130 (138)
		2-Fluorobiphenyl	100	80.8	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (42)	130 (152)
PB170473BS	PB170473BS	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	120	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	83.2	83		30 (39)	130 (138)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	96		30 (42)	130 (152)
PB170473BSD	PB170473BSD	2-Fluorophenol	150	121	81		15 (10)	110 (134)
		Phenol-d6	150	122	81		15 (10)	110 (135)
		Nitrobenzene-d5	100	82.0	82		30 (39)	130 (138)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	94.1	94		30 (42)	130 (152)
Q3569-01	MW-2	2-Fluorophenol	150	78.3	52		15 (10)	110 (134)
		Phenol-d6	150	52.9	35		15 (10)	110 (135)
		Nitrobenzene-d5	100	94.9	95		30 (39)	130 (138)
		2-Fluorobiphenyl	100	82.5	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	182	122	*	15 (44)	110 (137)
		Terphenyl-d14	100	80.4	80		30 (42)	130 (152)
Q3569-02	MW-12	2-Fluorophenol	150	68.0	45		15 (10)	110 (134)
		Phenol-d6	150	45.2	30		15 (10)	110 (135)
		Nitrobenzene-d5	100	94.8	95		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.3	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	159	106		15 (44)	110 (137)
		Terphenyl-d14	100	80.6	81		30 (42)	130 (152)
Q3569-02DL	MW-12DL	2-Fluorophenol	150	66.2	44		15 (10)	110 (134)
		Phenol-d6	150	44.2	29		15 (10)	110 (135)
		Nitrobenzene-d5	100	92.9	93		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.9	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	164	109		15 (44)	110 (137)
		Terphenyl-d14	100	84.4	84		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Benzaldehyde	50	40.6	ug/L	81				20 (10)	160 (107)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				70 (47)	130 (118)	
	2-Chlorophenol	50	43.6	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.6	ug/L	87				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	44.9	ug/L	90				70 (65)	130 (100)	
	Acetophenone	50	42.9	ug/L	86				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.0	ug/L	86				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.1	ug/L	88				70 (57)	130 (107)	
	Hexachloroethane	50	43.6	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.7	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	44.4	ug/L	89				70 (61)	130 (102)	
	2-Nitrophenol	50	44.6	ug/L	89				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	48.4	ug/L	97				70 (67)	130 (123)	
	bis(2-Chloroethoxy)methane	50	43.1	ug/L	86				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	40.8	ug/L	82				70 (66)	130 (115)	
	Naphthalene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Chloroaniline	50	16.5	ug/L	33		*		70 (16)	130 (100)	
	Hexachlorobutadiene	50	40.2	ug/L	80				70 (69)	130 (101)	
	Caprolactam	50	45.9	ug/L	92				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	44.3	ug/L	89				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.1	ug/L	78				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	96.1	ug/L	96				20 (47)	160 (161)	
	2,4,6-Trichlorophenol	50	41.1	ug/L	82				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	40.7	ug/L	81				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.3	ug/L	85				70 (72)	130 (98)	
	2-Chloronaphthalene	50	40.5	ug/L	81				70 (59)	130 (106)	
	2-Nitroaniline	50	44.9	ug/L	90				70 (73)	130 (114)	
	Dimethylphthalate	50	43.7	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	46.9	ug/L	94				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.6	ug/L	93				70 (64)	130 (110)	
	3-Nitroaniline	50	26.0	ug/L	52		*		70 (44)	130 (100)	
	Acenaphthene	50	37.6	ug/L	75				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	93.1	ug/L	93				20 (49)	160 (139)	
	4-Nitrophenol	100	77.8	ug/L	78				20 (57)	160 (132)	
	Dibenzofuran	50	40.4	ug/L	81				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.2	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	43.7	ug/L	87				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	40.5	ug/L	81				70 (61)	130 (104)	
	Fluorene	50	42.8	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.6	ug/L	89				70 (67)	130 (118)	
	4,6-Dinitro-2-methylphenol	50	43.1	ug/L	86				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.4	ug/L	91				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Hexachlorobenzene	50	43.5	ug/L	87				70 (73)	130 (106)	
	Atrazine	50	45.4	ug/L	91				70 (76)	130 (120)	
	Pentachlorophenol	100	83.7	ug/L	84				20 (59)	160 (131)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.3	ug/L	87				70 (65)	130 (110)	
	Carbazole	50	43.4	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	41.9	ug/L	84				70 (64)	130 (106)	
	Fluoranthene	50	41.3	ug/L	83				70 (64)	130 (110)	
	Pyrene	50	51.7	ug/L	103				70 (71)	130 (103)	
	Butylbenzylphthalate	50	44.7	ug/L	89				70 (64)	130 (131)	
	3,3-Dichlorobenzidine	50	22.7	ug/L	45		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	45.2	ug/L	90				70 (62)	130 (107)	
	Chrysene	50	46.5	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	39.5	ug/L	79				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	41.2	ug/L	82				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				70 (77)	130 (105)	
	Benzo(a)pyrene	50	46.7	ug/L	93				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	40.1	ug/L	80				70 (72)	130 (101)	
	1,4-Dioxane	50	38.6	ug/L	77				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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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.: Q3569 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Benzaldehyde	50	40.9	ug/L	82	1			20 (10)	160 (107)	20 (20)
	Phenol	50	43.1	ug/L	86	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90	3			70 (47)	130 (118)	20 (20)
	2-Chlorophenol	50	45.0	ug/L	90	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	45.6	ug/L	91	4			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	45.5	ug/L	91	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.1	ug/L	84	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	44.3	ug/L	89	3			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.7	ug/L	91	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.8	ug/L	88	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.3	ug/L	85	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.7	ug/L	87	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	44.0	ug/L	88	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	46.1	ug/L	92	5			70 (67)	130 (123)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.5	ug/L	85	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	41.3	ug/L	83	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.1	ug/L	82	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.7	ug/L	33	1	*		70 (16)	130 (100)	20 (20)
	Hexachlorobutadiene	50	40.4	ug/L	81	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	3			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.5	ug/L	87	2			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	38.8	ug/L	78	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	100	ug/L	100	4			20 (47)	160 (161)	20 (20)
	2,4,6-Trichlorophenol	50	41.0	ug/L	82	0			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	42.2	ug/L	84	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.0	ug/L	84	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	46.6	ug/L	93	4			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.6	ug/L	89	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	47.0	ug/L	94	0			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.4	ug/L	95	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	25.2	ug/L	50	3	*		70 (44)	130 (100)	20 (20)
	Acenaphthene	50	38.2	ug/L	76	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	88.7	ug/L	89	5			20 (49)	160 (139)	20 (20)
	4-Nitrophenol	100	80.9	ug/L	81	4			20 (57)	160 (132)	20 (20)
	Dibenzofuran	50	41.7	ug/L	83	3			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.7	ug/L	93	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	44.1	ug/L	88	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	41.6	ug/L	83	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	0			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	44.1	ug/L	88	1			70 (67)	130 (118)	20 (20)
	4,6-Dinitro-2-methylphenol	50	44.4	ug/L	89	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	44.2	ug/L	88	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	41.9	ug/L	84	2			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Hexachlorobenzene	50	44.2	ug/L	88	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	45.0	ug/L	90	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	81.1	ug/L	81	3			20 (59)	160 (131)	20 (20)
	Phenanthrene	50	43.1	ug/L	86	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.5	ug/L	87	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	43.0	ug/L	86	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	41.0	ug/L	82	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	40.8	ug/L	82	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	49.4	ug/L	99	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	43.9	ug/L	88	2			70 (64)	130 (131)	20 (20)
	3,3-Dichlorobenzidine	50	22.5	ug/L	45	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.5	ug/L	89	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.7	ug/L	91	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	38.5	ug/L	77	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	41.0	ug/L	82	0			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.5	ug/L	79	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.2	ug/L	92	2			70 (63)	130 (116)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170473BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BF144244.D | Lab Sample ID: PB170473BL

Instrument ID: BNA_F | Date Extracted: 11/10/2025

Matrix: (soil/water) Water | Date Analyzed: 11/13/2025

Level: (low/med) LOW | Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
MW-2	Q3569-01	BP026095.D	11/11/2025
MW-12	Q3569-02	BP026096.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.: Q3569

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BF144242.D | DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_F | DFTPP Injection Time: 14:26

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	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 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	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

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
MW-2	Q3569-01	BP026095.D	11/11/2025	18:14
MW-12	Q3569-02	BP026096.D	11/11/2025	18:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BP026107.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_P | DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.5
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	3.5
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	91.7
443	15.0 - 24.0% of mass 442	17.8 (19.5) 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	BP026108.D	11/12/2025	11:36
MW-12DL	Q3569-02DL	BP026116.D	11/12/2025	17:17

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	57801	6.869	225618	8.15	126474	9.90
	UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
	LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
	EPA SAMPLE NO.						
01	PB170473BL	58185	6.86	226377	8.15	128860	9.90
02	PB170473BS	61443	6.87	243453	8.15	140132	9.91
03	PB170473BSD	58832	6.86	241570	8.15	135120	9.91

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	214028	11.398	119800	14.045	154528	15.521
	UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
	LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
	EPA SAMPLE NO.						
01	PB170473BL	235212	11.39	125254	14.05	146599	15.52
02	PB170473BS	236951	11.40	118377	14.05	157737	15.53
03	PB170473BSD	232588	11.40	118249	14.05	155276	15.52

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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	MW-2	269143	7.68	1072140	10.44	697904	14.32
02	MW-12	346728	7.68	1352870	10.44	840321	14.31

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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	MW-2	1534730	17.13	1828450	21.58	2040430	24.91
02	MW-12	1658310	17.13	1893820	21.58	2202760	24.91

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID : SSTDCCC040 Date Analyzed: 11/12/2025

Lab File ID: BP026108.D Time Analyzed: 11:36

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	274793	7.672	1101110	10.44	695884	14.32
	UPPER LIMIT	549586	8.172	2202220	10.937	1391770	14.819
	LOWER LIMIT	137397	7.172	550555	9.937	347942	13.819
	EPA SAMPLE NO.						
01	MW-12DL	345995	7.67	1363080	10.44	867470	14.31

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID: SSTDCCC040 Date Analyzed: 11/12/2025

Lab File ID: BP026108.D Time Analyzed: 11:36

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	1413050	17.125	1582920	21.583	1849640	24.924
	UPPER LIMIT	2826100	17.625	3165840	22.083	3699280	25.424
	LOWER LIMIT	706525	16.625	791460	21.083	924820	24.424
	EPA SAMPLE NO.						
01	MW-12DL	1776020	17.13	2024260	21.58	2316390	24.90

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

Raw Data: **BF144244.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BL	SDG No.:	Q3569
Lab Sample ID:	PB170473BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/13/25 15:25	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/13/25 15:25	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/13/25 15:25	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/13/25 15:25	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/13/25 15:25	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/13/25 15:25	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/13/25 15:25	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/13/25 15:25	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/13/25 15:25	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/13/25 15:25	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/13/25 15:25	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/13/25 15:25	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/13/25 15:25	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/13/25 15:25	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/13/25 15:25	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/13/25 15:25	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/13/25 15:25	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/13/25 15:25	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/13/25 15:25	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/13/25 15:25	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/13/25 15:25	PB170473

Raw Data: **BF144244.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3569
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/13/25 15:25	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/13/25 15:25	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/13/25 15:25	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473

SURROGATES					
367-12-4	2-Fluorophenol	119	15 (10) - 110 (134)	79%	SPK: 150
13127-88-3	Phenol-d6	119	15 (10) - 110 (135)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0	30 (39) - 130 (138)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8	30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122	15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	95.0	30 (42) - 130 (152)	95%	SPK: 100

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	58200
1146-65-2	Naphthalene-d8	226000
15067-26-2	Acenaphthene-d10	129000
1517-22-2	Phenanthrene-d10	235000
1719-03-5	Chrysene-d12	125000
1520-96-3	Perylene-d12	147000

Raw Data: **BF144244.D**

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:	PB170473BL			SDG No.:	Q3569
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

Raw Data: **BF144245.D**

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:	PB170473BS	SDG No.:	Q3569
Lab Sample ID:	PB170473BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.6		1	3.90	10.0	ug/L	11/13/25 15:55	PB170473
108-95-2	Phenol	42.2		1	0.91	5.00	ug/L	11/13/25 15:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	43.6		1	0.81	5.00	ug/L	11/13/25 15:55	PB170473
95-57-8	2-Chlorophenol	43.6		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
95-48-7	2-Methylphenol	43.6		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
98-86-2	Acetophenone	42.9		1	0.74	5.00	ug/L	11/13/25 15:55	PB170473
65794-96-9	3+4-Methylphenols	43.0		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	44.1		1	1.40	2.50	ug/L	11/13/25 15:55	PB170473
67-72-1	Hexachloroethane	43.6		1	0.65	5.00	ug/L	11/13/25 15:55	PB170473
98-95-3	Nitrobenzene	42.7		1	0.76	5.00	ug/L	11/13/25 15:55	PB170473
78-59-1	Isophorone	44.4		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
88-75-5	2-Nitrophenol	44.6		1	1.80	5.00	ug/L	11/13/25 15:55	PB170473
105-67-9	2,4-Dimethylphenol	48.4		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	43.1		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
120-83-2	2,4-Dichlorophenol	40.8		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
91-20-3	Naphthalene	41.6		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
106-47-8	4-Chloroaniline	16.5		1	0.84	5.00	ug/L	11/13/25 15:55	PB170473
87-68-3	Hexachlorobutadiene	40.2		1	0.54	5.00	ug/L	11/13/25 15:55	PB170473
105-60-2	Caprolactam	45.9		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
59-50-7	4-Chloro-3-methylphenol	44.3		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
91-57-6	2-Methylnaphthalene	39.1		1	0.56	5.00	ug/L	11/13/25 15:55	PB170473
77-47-4	Hexachlorocyclopentadiene	96.1	E	1	3.60	10.0	ug/L	11/13/25 15:55	PB170473
88-06-2	2,4,6-Trichlorophenol	41.1		1	0.51	5.00	ug/L	11/13/25 15:55	PB170473
95-95-4	2,4,5-Trichlorophenol	40.7		1	0.62	5.00	ug/L	11/13/25 15:55	PB170473
92-52-4	1,1-Biphenyl	42.3		1	0.53	5.00	ug/L	11/13/25 15:55	PB170473
91-58-7	2-Chloronaphthalene	40.5		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
88-74-4	2-Nitroaniline	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
131-11-3	Dimethylphthalate	43.7		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
606-20-2	2,6-Dinitrotoluene	46.6		1	0.92	5.00	ug/L	11/13/25 15:55	PB170473
99-09-2	3-Nitroaniline	26.0		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
51-28-5	2,4-Dinitrophenol	93.1	E	1	6.00	10.0	ug/L	11/13/25 15:55	PB170473
100-02-7	4-Nitrophenol	77.8		1	2.40	10.0	ug/L	11/13/25 15:55	PB170473
132-64-9	Dibenzofuran	40.4		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
84-66-2	Diethylphthalate	43.7		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	40.5		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	5.00	ug/L	11/13/25 15:55	PB170473
100-01-6	4-Nitroaniline	44.6		1	1.50	5.00	ug/L	11/13/25 15:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	43.1		1	2.90	10.0	ug/L	11/13/25 15:55	PB170473

Raw Data: **BF144245.D**

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:	PB170473BS			SDG No.:	Q3569
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.4		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
101-55-3	4-Bromophenyl-phenylether	42.7		1	0.40	5.00	ug/L	11/13/25 15:55	PB170473
118-74-1	Hexachlorobenzene	43.5		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
1912-24-9	Atrazine	45.4		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
87-86-5	Pentachlorophenol	83.7	E	1	1.60	10.0	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
86-74-8	Carbazole	43.4		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
85-68-7	Butylbenzylphthalate	44.7		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
91-94-1	3,3-Dichlorobenzidine	22.7		1	0.93	10.0	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	5.00	ug/L	11/13/25 15:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	39.5		1	1.60	5.00	ug/L	11/13/25 15:55	PB170473
117-84-0	Di-n-octyl phthalate	41.2		1	2.30	10.0	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.1		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
123-91-1	1,4-Dioxane	38.6		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	119			15 (10) - 110 (134)	79%	SPK: 150		
13127-88-3	Phenol-d6	120			15 (10) - 110 (135)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.2			30 (39) - 130 (138)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.8			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			15 (44) - 110 (137)	82%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			30 (42) - 130 (152)	96%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61400							
1146-65-2	Naphthalene-d8	243000							
15067-26-2	Acenaphthene-d10	140000							
1517-22-2	Phenanthrene-d10	237000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	158000							

Raw Data: **BF144245.D**

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:	PB170473BS			SDG No.:	Q3569
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

Raw Data: **BF144246.D**

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:	PB170473BSD	SDG No.:	Q3569
Lab Sample ID:	PB170473BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.9		1	3.90	10.0	ug/L	11/13/25 16:24	PB170473
108-95-2	Phenol	43.1		1	0.91	5.00	ug/L	11/13/25 16:24	PB170473
111-44-4	bis(2-Chloroethyl)ether	44.9		1	0.81	5.00	ug/L	11/13/25 16:24	PB170473
95-57-8	2-Chlorophenol	45.0		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
95-48-7	2-Methylphenol	45.6		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	45.5		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
98-86-2	Acetophenone	42.1		1	0.74	5.00	ug/L	11/13/25 16:24	PB170473
65794-96-9	3+4-Methylphenols	44.3		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
621-64-7	n-Nitroso-di-n-propylamine	45.7		1	1.40	2.50	ug/L	11/13/25 16:24	PB170473
67-72-1	Hexachloroethane	43.8		1	0.65	5.00	ug/L	11/13/25 16:24	PB170473
98-95-3	Nitrobenzene	42.3		1	0.76	5.00	ug/L	11/13/25 16:24	PB170473
78-59-1	Isophorone	43.7		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
88-75-5	2-Nitrophenol	44.0		1	1.80	5.00	ug/L	11/13/25 16:24	PB170473
105-67-9	2,4-Dimethylphenol	46.1		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
111-91-1	bis(2-Chloroethoxy)methane	42.5		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
120-83-2	2,4-Dichlorophenol	41.3		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
91-20-3	Naphthalene	41.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
106-47-8	4-Chloroaniline	16.7		1	0.84	5.00	ug/L	11/13/25 16:24	PB170473
87-68-3	Hexachlorobutadiene	40.4		1	0.54	5.00	ug/L	11/13/25 16:24	PB170473
105-60-2	Caprolactam	47.4		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
59-50-7	4-Chloro-3-methylphenol	43.5		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
91-57-6	2-Methylnaphthalene	38.8		1	0.56	5.00	ug/L	11/13/25 16:24	PB170473
77-47-4	Hexachlorocyclopentadiene	100	E	1	3.60	10.0	ug/L	11/13/25 16:24	PB170473
88-06-2	2,4,6-Trichlorophenol	41.0		1	0.51	5.00	ug/L	11/13/25 16:24	PB170473
95-95-4	2,4,5-Trichlorophenol	41.5		1	0.62	5.00	ug/L	11/13/25 16:24	PB170473
92-52-4	1,1-Biphenyl	42.2		1	0.53	5.00	ug/L	11/13/25 16:24	PB170473
91-58-7	2-Chloronaphthalene	42.0		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
88-74-4	2-Nitroaniline	46.6		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
131-11-3	Dimethylphthalate	44.6		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
606-20-2	2,6-Dinitrotoluene	47.4		1	0.92	5.00	ug/L	11/13/25 16:24	PB170473
99-09-2	3-Nitroaniline	25.2		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
51-28-5	2,4-Dinitrophenol	88.7	E	1	6.00	10.0	ug/L	11/13/25 16:24	PB170473
100-02-7	4-Nitrophenol	80.9	E	1	2.40	10.0	ug/L	11/13/25 16:24	PB170473
132-64-9	Dibenzofuran	41.7		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
121-14-2	2,4-Dinitrotoluene	46.7		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
84-66-2	Diethylphthalate	44.1		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
7005-72-3	4-Chlorophenyl-phenylether	41.6		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	5.00	ug/L	11/13/25 16:24	PB170473
100-01-6	4-Nitroaniline	44.1		1	1.50	5.00	ug/L	11/13/25 16:24	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	44.4		1	2.90	10.0	ug/L	11/13/25 16:24	PB170473

Raw Data: **BF144246.D**

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:	PB170473BSD			SDG No.:	Q3569
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.2		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
101-55-3	4-Bromophenyl-phenylether	41.9		1	0.40	5.00	ug/L	11/13/25 16:24	PB170473
118-74-1	Hexachlorobenzene	44.2		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
1912-24-9	Atrazine	45.0		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
87-86-5	Pentachlorophenol	81.1	E	1	1.60	10.0	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
86-74-8	Carbazole	43.0		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
84-74-2	Di-n-butylphthalate	41.0		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
85-68-7	Butylbenzylphthalate	43.9		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
91-94-1	3,3-Dichlorobenzidine	22.5		1	0.93	10.0	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	5.00	ug/L	11/13/25 16:24	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	38.5		1	1.60	5.00	ug/L	11/13/25 16:24	PB170473
117-84-0	Di-n-octyl phthalate	41.0		1	2.30	10.0	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
123-91-1	1,4-Dioxane	39.5		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	121			15 (10) - 110 (134)	81%	SPK: 150		
13127-88-3	Phenol-d6	122			15 (10) - 110 (135)	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	82.0			30 (39) - 130 (138)	82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.5			30 (52) - 130 (132)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	94.1			30 (42) - 130 (152)	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58800							
1146-65-2	Naphthalene-d8	242000							
15067-26-2	Acenaphthene-d10	135000							
1517-22-2	Phenanthrene-d10	233000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	155000							

Raw Data: **BF144246.D**

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:	PB170473BSD			SDG No.:	Q3569
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.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	1.375		7.6	
Benzaldehyde	0.818	1.206		47.4	
Phenol-d6	1.448	1.526		5.4	
Phenol	1.769	1.913		8.1	20.0
bis(2-Chloroethyl)ether	1.289	1.402		8.8	
2-Chlorophenol	1.253	1.324		5.7	
2-Methylphenol	0.997	1.056		5.9	
2,2-oxybis(1-Chloropropane)	2.374	2.549		7.4	
Acetophenone	0.429	0.434		1.2	
3+4-Methylphenols	1.175	1.224		4.2	
n-Nitroso-di-n-propylamine	0.953	0.975	0.050	2.3	
Nitrobenzene-d5	0.346	0.362		4.6	
Hexachloroethane	0.515	0.540		4.9	
Nitrobenzene	0.376	0.391		4.0	
Isophorone	0.655	0.679		3.7	
2-Nitrophenol	0.186	0.202		8.6	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.334		3.7	20.0
Naphthalene	0.951	0.964		1.4	
4-Chloroaniline	0.347	0.363		4.6	
Hexachlorobutadiene	0.249	0.251		0.8	20.0
Caprolactam	0.088	0.092		4.5	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.635		-0.2	
Hexachlorocyclopentadiene	0.195	0.295	0.050	51.3	
2,4,6-Trichlorophenol	0.446	0.457		2.5	20.0
2-Fluorobiphenyl	1.354	1.327		-2.0	
2,4,5-Trichlorophenol	0.481	0.480		-0.2	
1,1-Biphenyl	1.396	1.417		1.5	
2-Chloronaphthalene	1.191	1.193		0.2	
2-Nitroaniline	0.344	0.381		10.8	
Dimethylphthalate	1.325	1.363		2.9	
Acenaphthylene	1.623	1.644		1.3	
2,6-Dinitrotoluene	0.268	0.291		8.6	
3-Nitroaniline	0.293	0.319		8.9	
Acenaphthene	1.085	1.166		7.5	20.0
2,4-Dinitrophenol	0.162	0.249	0.050	53.7	
4-Nitrophenol	0.212	0.206	0.050	-2.8	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.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	1.540		1.3	
2,4-Dinitrotoluene	0.359	0.390		8.6	
Diethylphthalate	1.221	1.251		2.5	
4-Chlorophenyl-phenylether	0.658	0.647		-1.7	
Fluorene	1.156	1.154		-0.2	
4-Nitroaniline	0.279	0.290		3.9	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
2,4,6-Tribromophenol	0.251	0.249		-0.8	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.300		-0.3	
Atrazine	0.205	0.190		-7.3	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Carbazole	0.861	0.857		-0.5	
Di-n-butylphthalate	1.041	0.988		-5.1	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Butylbenzylphthalate	0.559	0.572		2.3	
3,3-Dichlorobenzidine	0.475	0.477		0.4	
Benzo(a)anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Bis(2-ethylhexyl)phthalate	0.765	0.734		-4.1	
Di-n-octyl phthalate	1.320	1.279		-3.1	20.0
Benzo(b)fluoranthene	1.137	1.144		0.6	
Benzo(k)fluoranthene	1.064	1.069		0.5	
Benzo(a)pyrene	1.049	1.055		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.481		3.1	
Dibenzo(a,h)anthracene	1.153	1.199		4.0	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.656		0.2	
1,4-Dioxane	0.528	0.556		5.3	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.352		3.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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.

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.: Q3569

Instrument ID: BNA_P Calibration Date/Time: 11/12/2025 11:36

Lab File ID: BP026108.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	1.287		6.2	
Benzaldehyde	0.802	0.764		-4.7	
Phenol-d6	1.543	1.632		5.8	
Phenol	1.713	1.785		4.2	20.0
bis(2-Chloroethyl)ether	1.352	1.339		-1.0	
2-Chlorophenol	1.342	1.463		9.0	
2-Methylphenol	1.121	1.177		5.0	
2,2-oxybis(1-Chloropropane)	2.043	1.820		-10.9	
Acetophenone	0.506	0.512		1.2	
3+4-Methylphenols	1.560	1.616		3.6	
n-Nitroso-di-n-propylamine	0.958	0.961	0.050	0.3	
Nitrobenzene-d5	0.321	0.359		11.8	
Hexachloroethane	0.533	0.556		4.3	
Nitrobenzene	0.339	0.366		8.0	
Isophorone	0.687	0.685		-0.3	
2-Nitrophenol	0.104	0.184		76.9	20.0
2,4-Dimethylphenol	0.289	0.294		1.7	
bis(2-Chloroethoxy)methane	0.433	0.428		-1.2	
2,4-Dichlorophenol	0.305	0.338		10.8	20.0
Naphthalene	1.091	1.107		1.5	
4-Chloroaniline	0.419	0.390		-6.9	
Hexachlorobutadiene	0.211	0.216		2.4	20.0
Caprolactam	0.107	0.118		10.3	
4-Chloro-3-methylphenol	0.320	0.347		8.4	20.0
2-Methylnaphthalene	0.763	0.764		0.1	
Hexachlorocyclopentadiene	0.227	0.263	0.050	15.9	
2,4,6-Trichlorophenol	0.367	0.430		17.2	20.0
2-Fluorobiphenyl	1.392	1.362		-2.2	
2,4,5-Trichlorophenol	0.419	0.472		12.6	
1,1-Biphenyl	1.531	1.511		-1.3	
2-Chloronaphthalene	1.205	1.215		0.8	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.464		0.6	
Acenaphthylene	1.756	1.748		-0.5	
2,6-Dinitrotoluene	0.237	0.303		27.8	
3-Nitroaniline	0.291	0.351		20.6	
Acenaphthene	1.206	1.190		-1.3	20.0
2,4-Dinitrophenol	0.100	0.153	0.050	53.0	
4-Nitrophenol	0.290	0.319	0.050	10.0	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_P Calibration Date/Time: 11/12/2025 11:36

Lab File ID: BP026108.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	1.802		-1.1	
2,4-Dinitrotoluene	0.347	0.456		31.4	
Diethylphthalate	1.463	1.471		0.5	
4-Chlorophenyl-phenylether	0.713	0.701		-1.7	
Fluorene	1.427	1.434		0.5	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.115		49.4	
n-Nitrosodiphenylamine	0.625	0.618		-1.1	20.0
2,4,6-Tribromophenol	0.216	0.263		21.8	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.262		3.6	
Atrazine	0.211	0.217		2.8	
Pentachlorophenol	0.154	0.177		14.9	20.0
Phenanthrene	1.164	1.169		0.4	
Anthracene	1.154	1.162		0.7	
Carbazole	1.092	1.137		4.1	
Di-n-butylphthalate	1.222	1.301		6.5	
Fluoranthene	1.358	1.417		4.3	20.0
Pyrene	1.353	1.341		-0.9	
Terphenyl-d14	0.984	0.954		-3.0	
Butylbenzylphthalate	0.432	0.554		28.2	
3,3-Dichlorobenzidine	0.443	0.431		-2.7	
Benzo(a)anthracene	1.374	1.381		0.5	
Chrysene	1.302	1.307		0.4	
Bis(2-ethylhexyl)phthalate	0.718	0.836		16.4	
Di-n-octyl phthalate	1.191	1.474		23.8	20.0
Benzo(b)fluoranthene	1.242	1.260		1.4	
Benzo(k)fluoranthene	1.268	1.243		-2.0	
Benzo(a)pyrene	1.141	1.160		1.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.533		3.9	
Dibenzo(a,h)anthracene	1.202	1.245		3.5	
Benzo(g,h,i)perylene	1.156	1.201		3.9	
1,2,4,5-Tetrachlorobenzene	0.621	0.633		1.9	
1,4-Dioxane	0.511	0.523		2.3	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.398		20.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 12 01:46:21 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 :
MW-2

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	269143	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1072142	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	697904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1534727	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1828450	20.000	ng	0.02
86) Perylene-d12	24.913	264	2040425	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1277275	78.309	ng	0.00
7) Phenol-d6	6.849	99	1097518	52.866	ng	0.00
23) Nitrobenzene-d5	8.813	82	1631315	94.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.842	330	1375825	182.349	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4004795	82.455	ng	0.00
79) Terphenyl-d14	19.872	244	7233493	80.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	207617	30.194	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	26364m	2.936	ng	

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

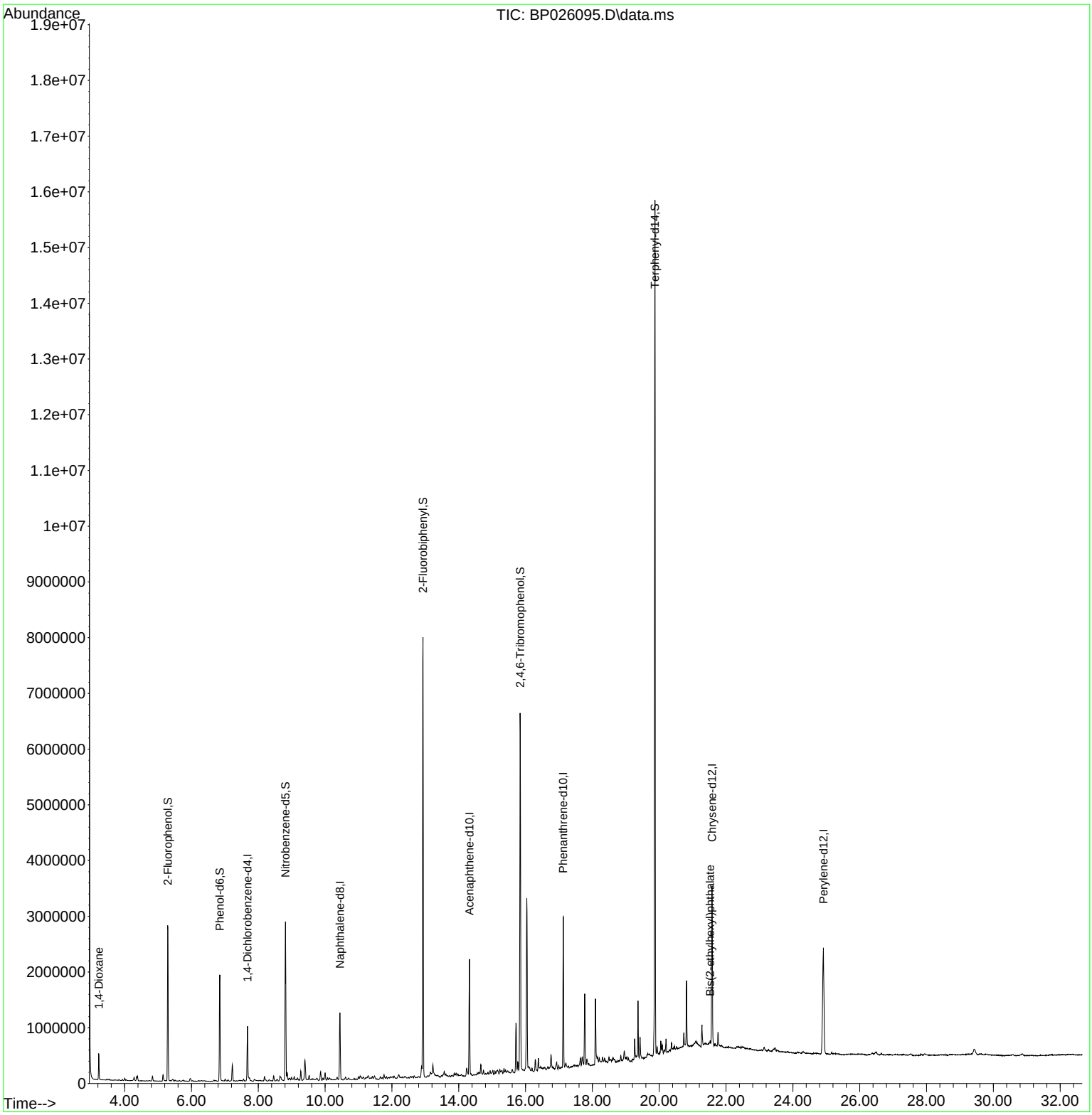
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

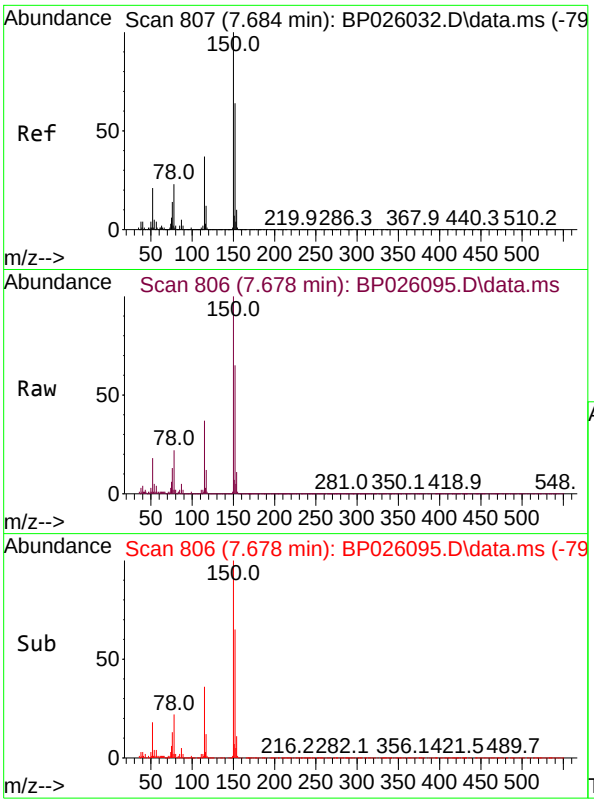
Quant Time: Nov 12 01:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

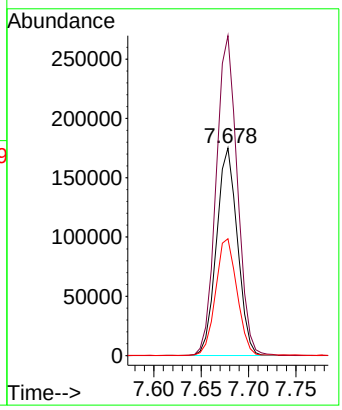




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:152 Resp: 26914

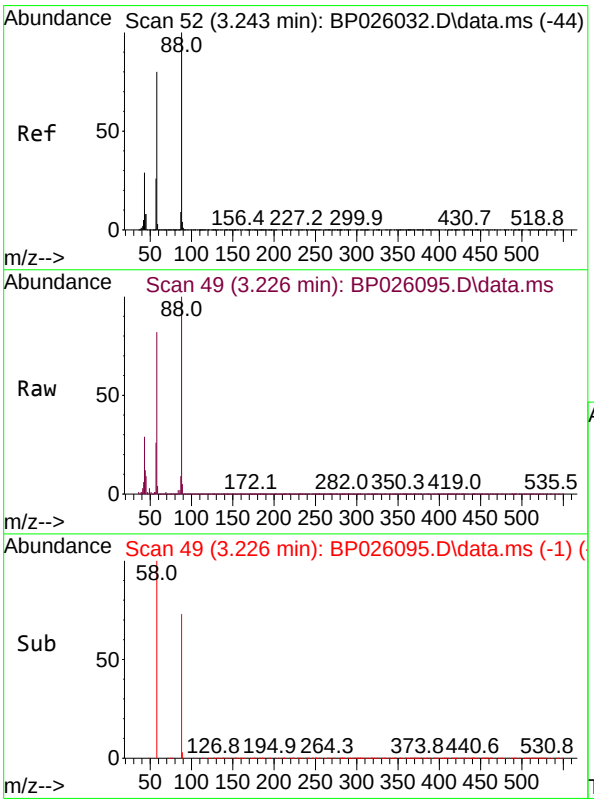
Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.7	188.5
115	56.4	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

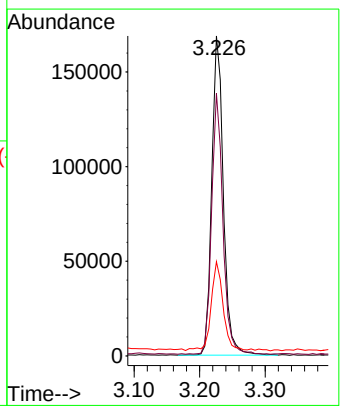
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

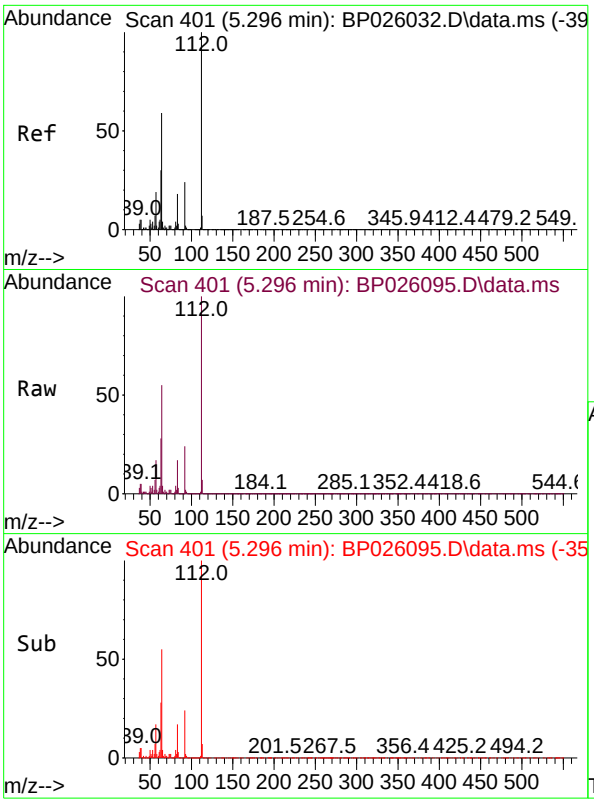


#2
1,4-Dioxane
Concen: 30.194 ng
RT: 3.226 min Scan# 49
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 88 Resp: 207617

Ion	Ratio	Lower	Upper
88	100		
58	79.8	65.4	98.0
43	28.6	23.1	34.7

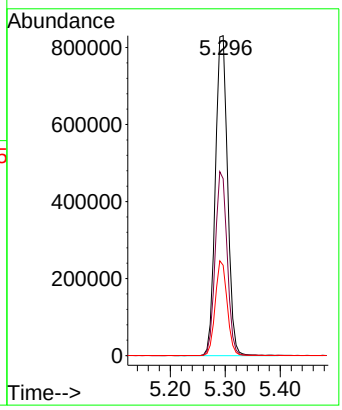




#5
2-Fluorophenol
Concen: 78.309 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:112 Resp: 127727

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.4	71.2
63	28.3	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
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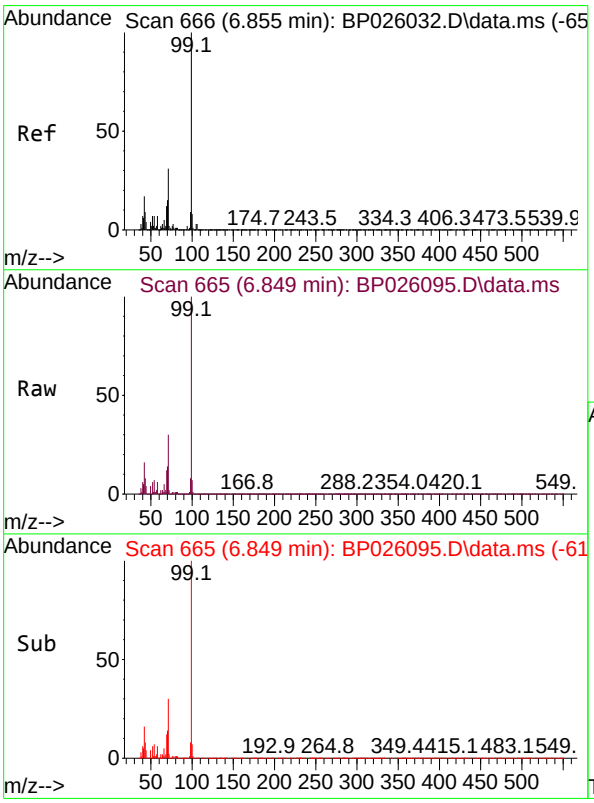
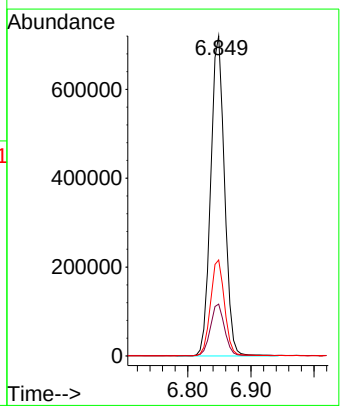
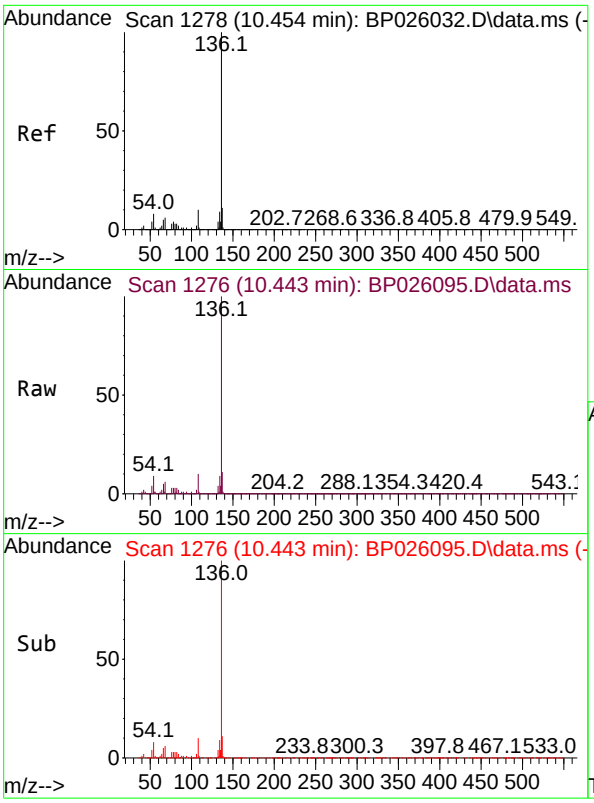


#7
Phenol-d6
Concen: 52.866 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 99 Resp: 1097518

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	30.0	24.4	36.6

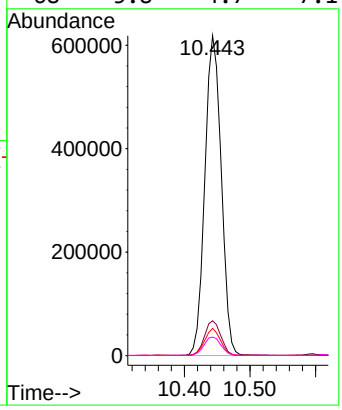




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:136 Resp: 107214

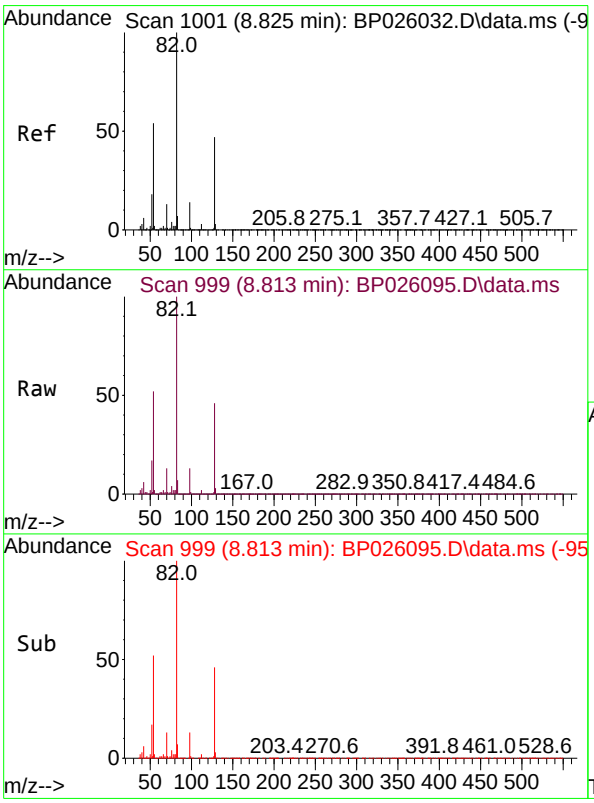
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.6	10.0
68	5.8	4.7	7.1



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
APPROVED

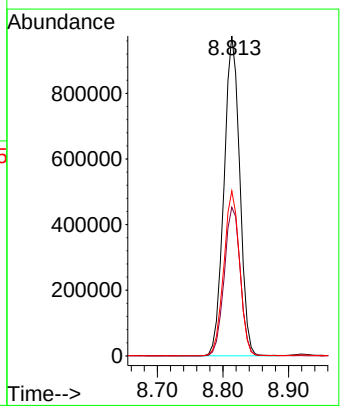
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

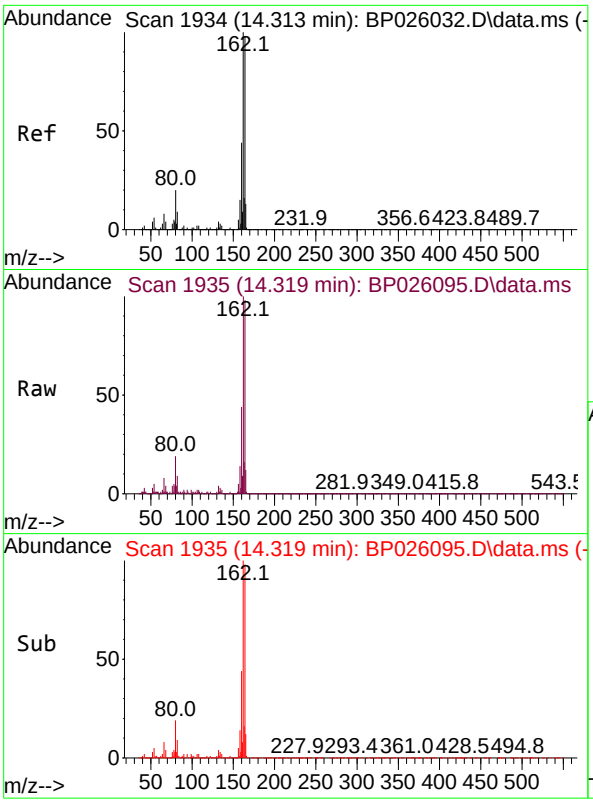


#23
Nitrobenzene-d5
Concen: 94.853 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 82 Resp: 1631315

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.0
54	51.6	42.7	64.1

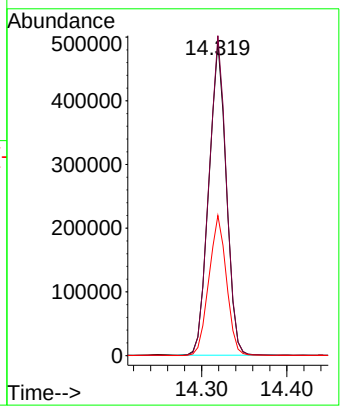




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:164 Resp: 697904

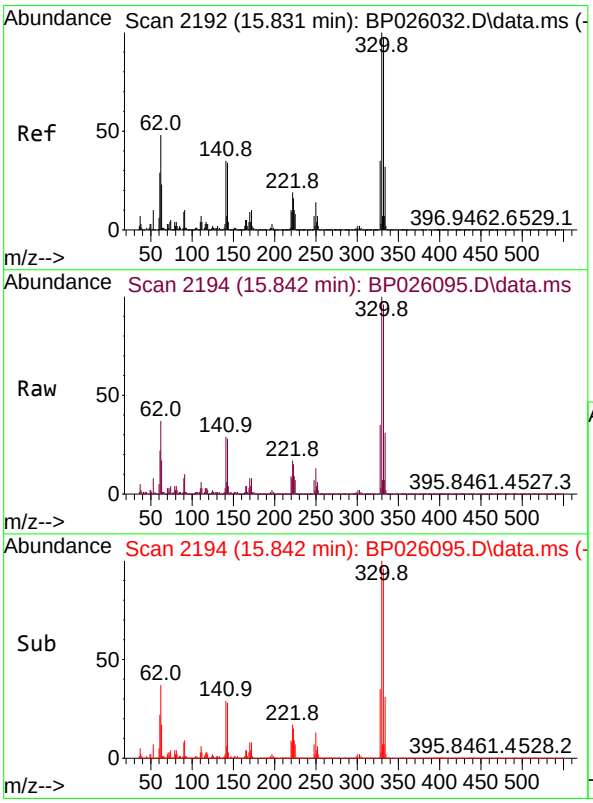
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.5	122.3
160	44.7	36.2	54.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

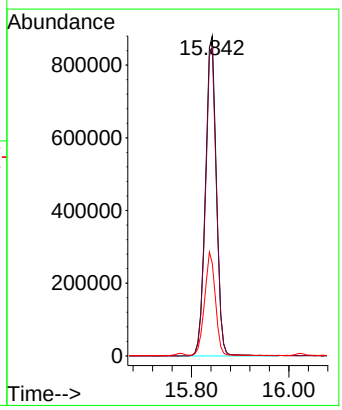
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

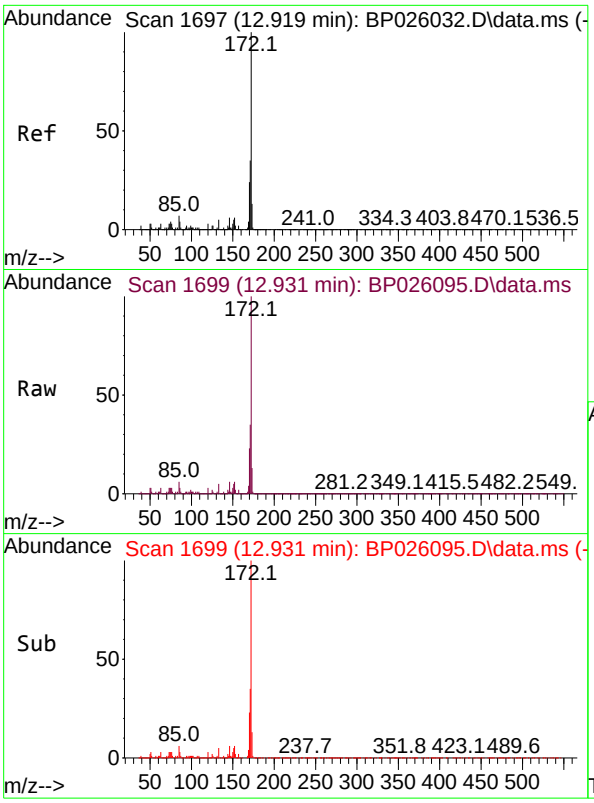


#42
2,4,6-Tribromophenol
Concen: 182.349 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:330 Resp: 1375825

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.7	28.6	42.8

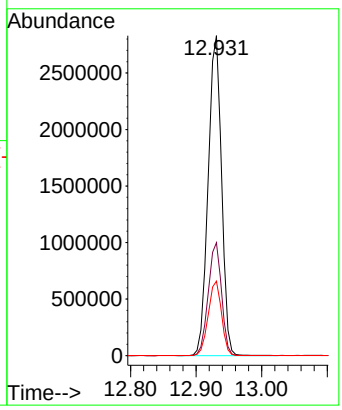




#45
2-Fluorobiphenyl
Concen: 82.455 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:172 Resp: 400479

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

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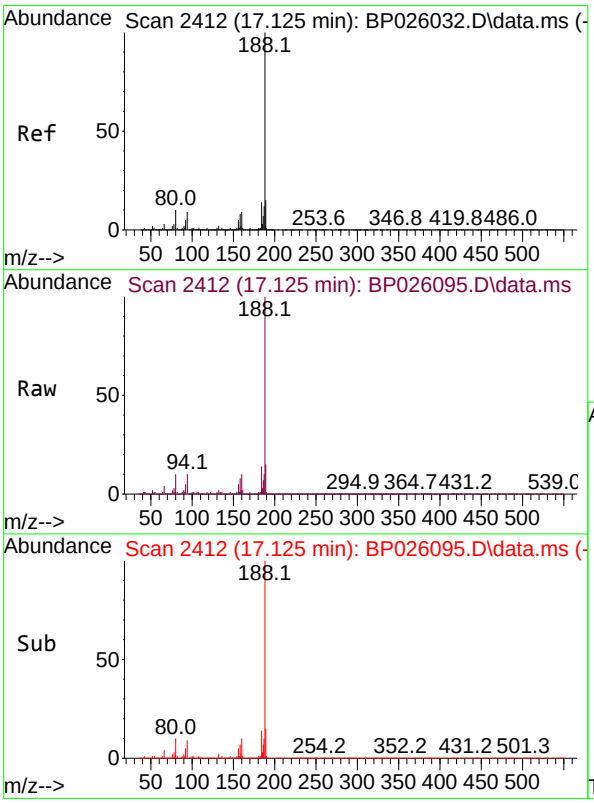
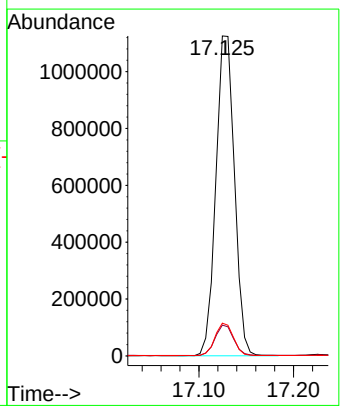
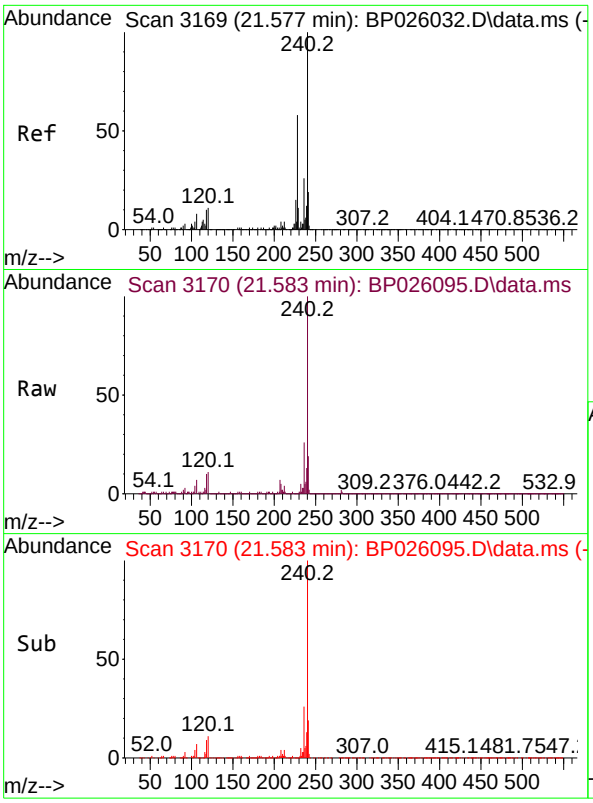


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:188 Resp: 1534727

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.2	7.9	11.9

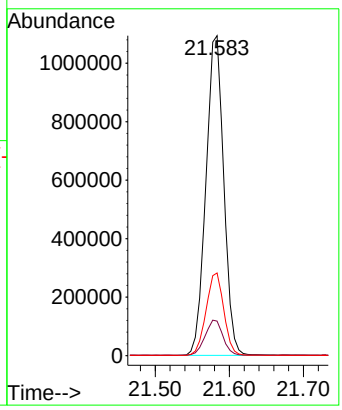




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:240 Resp: 182845

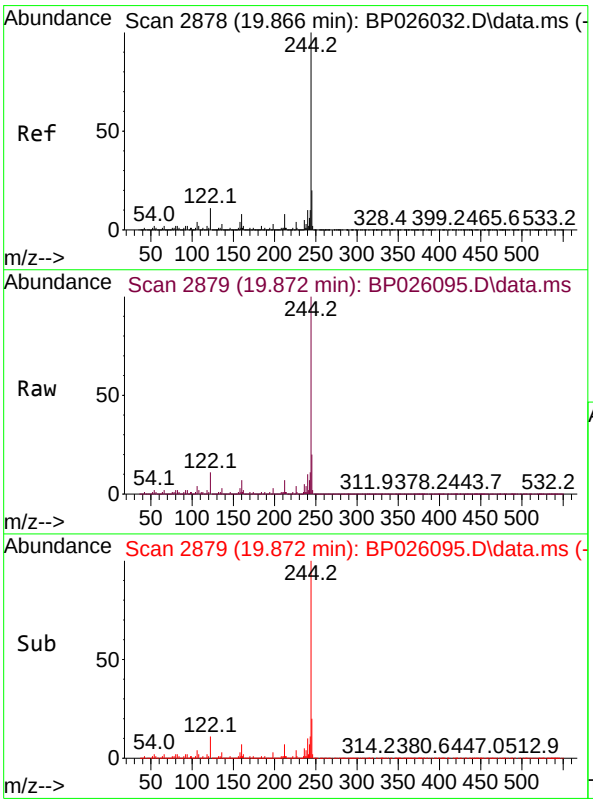
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.8	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
APPROVED

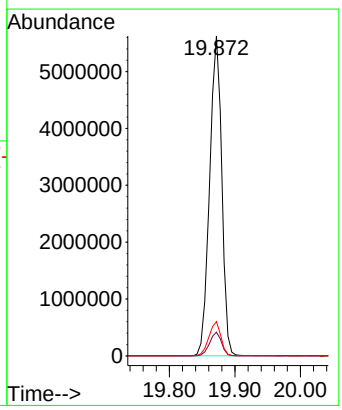
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

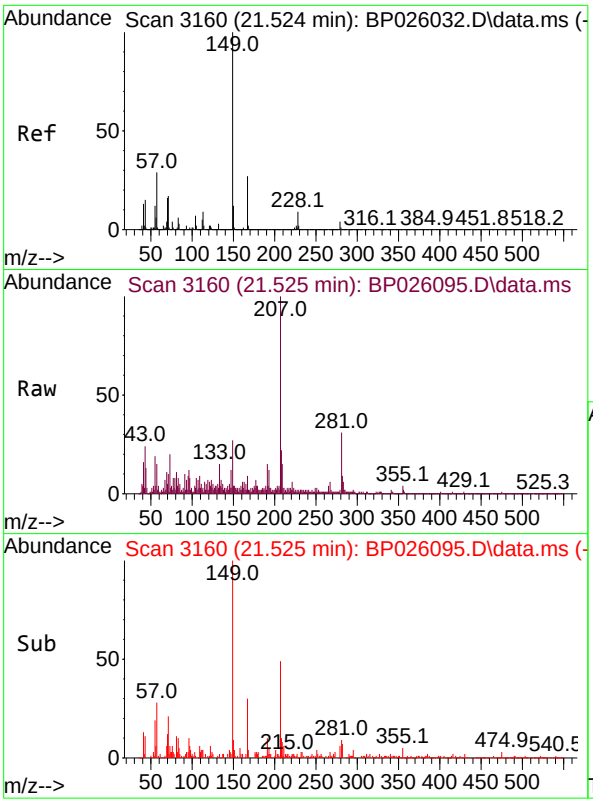


#79
Terphenyl-d14
Concen: 80.375 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:244 Resp: 7233493

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.7	9.0	13.6

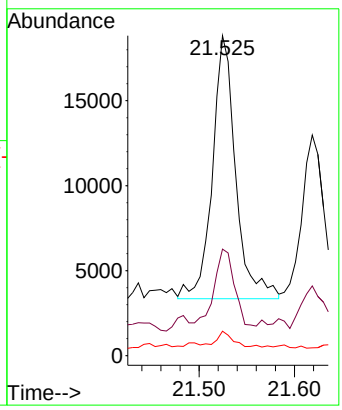




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.936 ng m
RT: 21.525 min Scan# 3
Delta R.T. 0.007 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:149 Resp: 2636

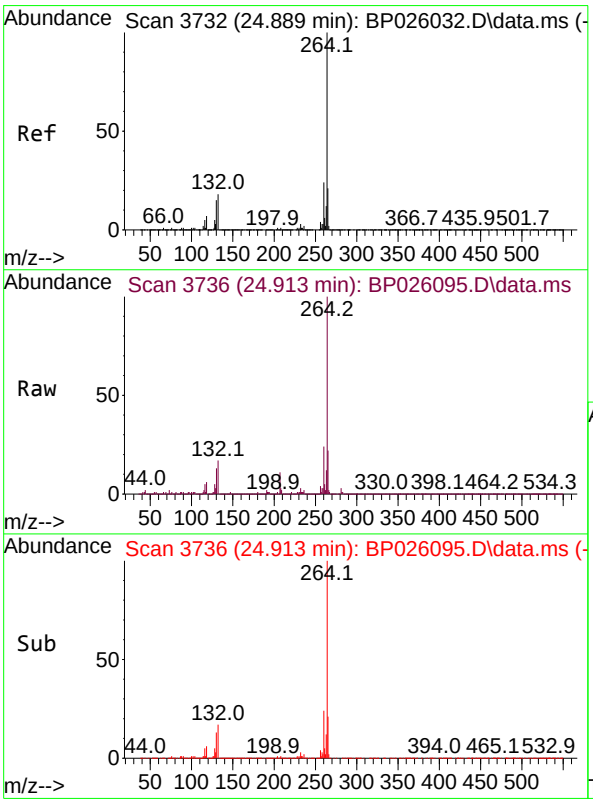
Ion	Ratio	Lower	Upper
149	100		
167	33.3	21.5	32.3#
279	7.6	3.0	4.6#



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
APPROVED

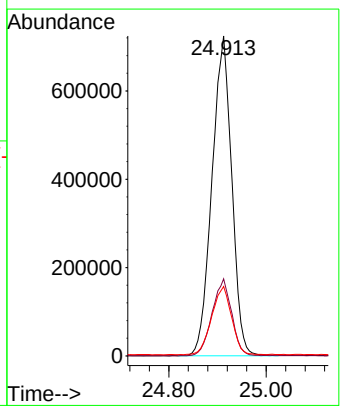
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:264 Resp: 2040425

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.2	25.8



Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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: BP026095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	45	49	62	rVB	474748	591429	2.95%	0.611%
2	5.149	370	376	387	rBV3	114862	218754	1.09%	0.226%
3	5.290	394	400	412	rBV	2789428	4250701	21.19%	4.394%
4	6.849	656	665	677	rBV	1911389	3010254	15.00%	3.112%
5	7.225	719	729	735	rBV	291577	503662	2.51%	0.521%
6	7.678	794	806	814	rBV	982458	1690060	8.42%	1.747%
7	8.813	991	999	1005	rBV	2850818	4848872	24.17%	5.012%
8	8.866	1005	1008	1013	rVB2	136663	210652	1.05%	0.218%
9	9.272	1071	1077	1084	rVB	171175	280530	1.40%	0.290%
10	9.396	1091	1098	1106	rVB3	347634	736242	3.67%	0.761%
11	9.866	1171	1178	1185	rVB2	160165	291245	1.45%	0.301%
12	10.002	1194	1201	1207	rVB3	137145	259217	1.29%	0.268%
13	10.443	1269	1276	1283	rBV	1203328	2080221	10.37%	2.150%
14	12.890	1685	1692	1693	rBV2	197218	300862	1.50%	0.311%
15	12.931	1693	1699	1712	rVB	7893222	11267823	56.16%	11.648%
16	13.225	1745	1749	1760	rVB3	193558	376151	1.87%	0.389%
17	14.237	1916	1921	1929	rBV2	129327	319546	1.59%	0.330%
18	14.319	1929	1935	1941	rVV	2066620	2974075	14.82%	3.074%
19	14.660	1989	1993	2002	rVB2	173028	271715	1.35%	0.281%
20	15.713	2166	2172	2178	rBV2	887159	1529332	7.62%	1.581%
21	15.766	2178	2181	2186	rVV4	172882	289927	1.44%	0.300%
22	15.837	2186	2193	2205	rVV	6414492	10307580	51.37%	10.655%
23	16.037	2220	2227	2233	rBV	3051111	5123490	25.54%	5.296%
24	16.290	2266	2270	2275	rBV	194265	294536	1.47%	0.304%
25	16.384	2281	2286	2291	rBV2	224659	367446	1.83%	0.380%
26	16.760	2346	2350	2357	rVB	234208	390536	1.95%	0.404%
27	17.131	2407	2413	2419	rBV2	2701853	3798720	18.93%	3.927%
28	17.701	2505	2510	2516	rBV3	132045	262258	1.31%	0.271%
29	17.772	2517	2522	2529	rVB	1275996	1914988	9.54%	1.980%
30	18.089	2571	2576	2585	rBV	1187826	2020014	10.07%	2.088%
31	18.954	2720	2723	2730	rVB2	138554	221523	1.10%	0.229%
32	19.266	2772	2776	2781	rBV	367997	533473	2.66%	0.551%
33	19.366	2789	2793	2799	rVB	1027474	1173352	5.85%	1.213%
34	19.425	2799	2803	2813	rVB	383657	567695	2.83%	0.587%
35	19.872	2870	2879	2886	rBV	15346569	20064290	100.00%	20.741%
36	20.048	2906	2909	2913	rBV	202089	242075	1.21%	0.250%

Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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

37	20.201	2933	2935	2940	rVB	249104	292306	1.46%	0.302%
38	20.736	3023	3026	3032	rBV	236399	307118	1.53%	0.317%
39	20.819	3036	3040	3047	rVB	1172507	1479643	7.37%	1.530%
40	21.278	3114	3118	3125	rBV	367902	561340	2.80%	0.580%
41	21.583	3164	3170	3179	rVB	2872286	4897099	24.41%	5.062%
42	21.760	3197	3200	3206	rVB	234752	311817	1.55%	0.322%
43	24.913	3726	3736	3749	rVB	1898680	5303069	26.43%	5.482%

Sum of corrected areas: 96735638

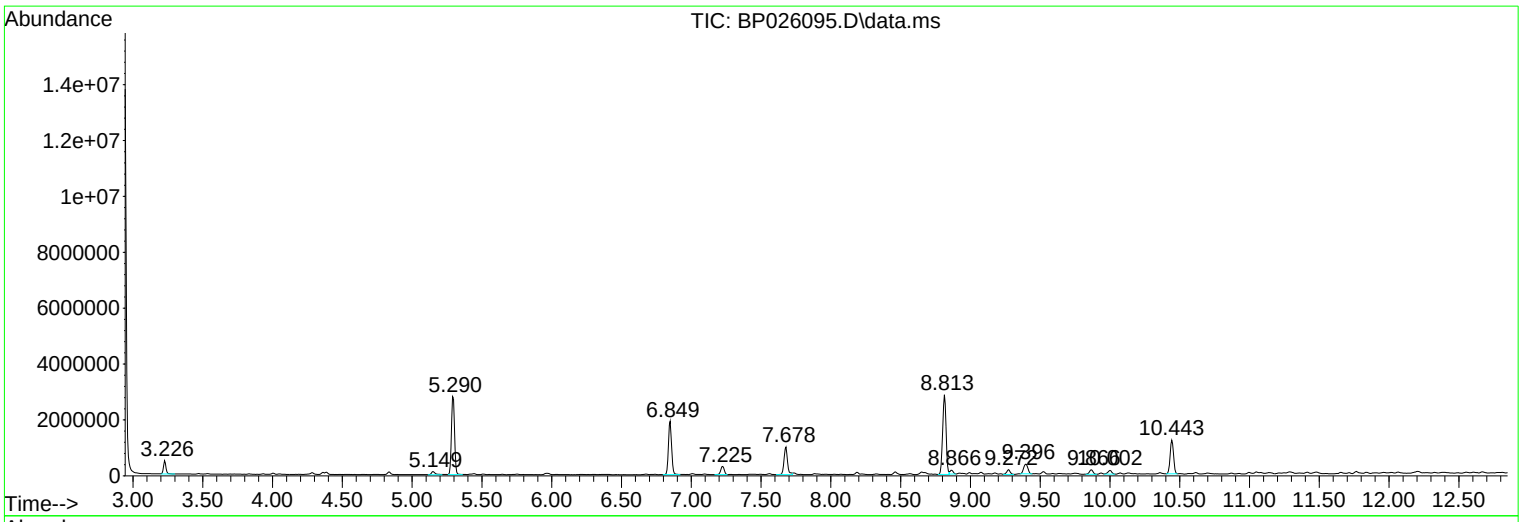
Sample Results: **BP026095.D**

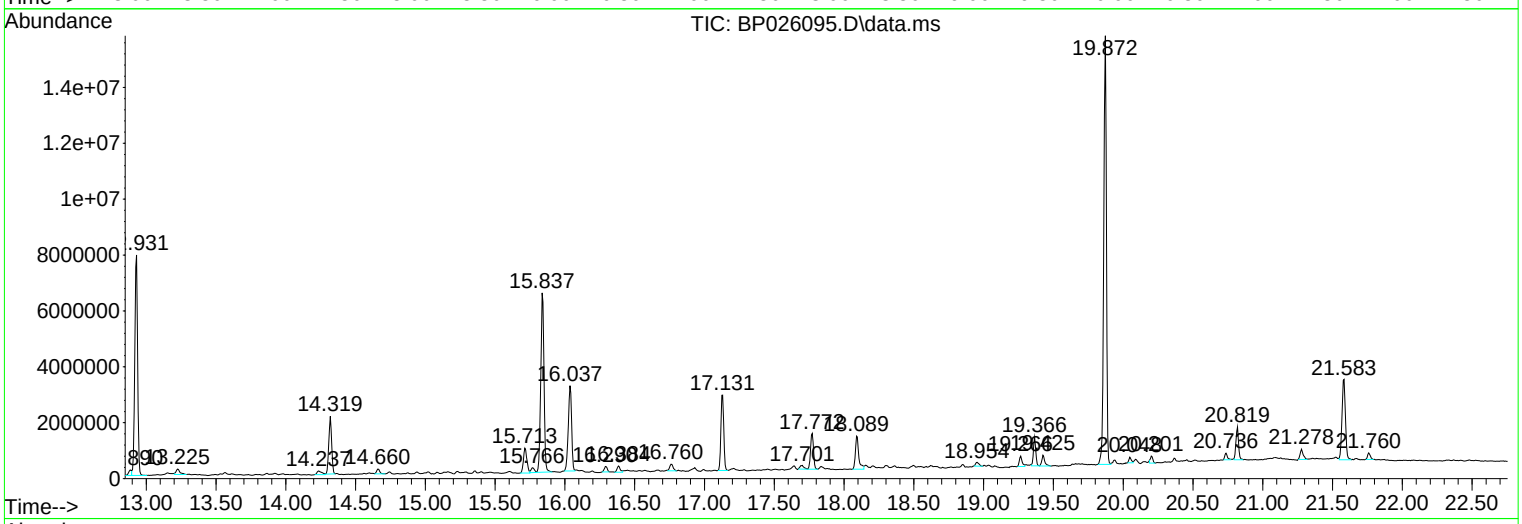
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

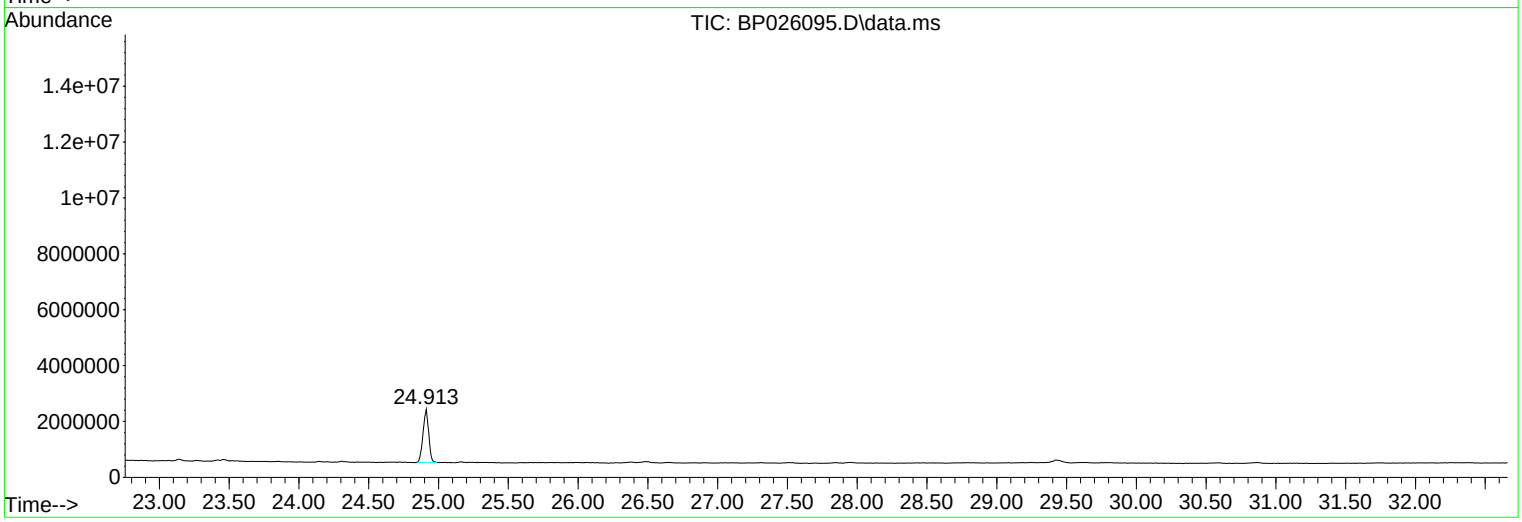
Instrument :
BNA_P
ClientSampleId :
MW-2

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 : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

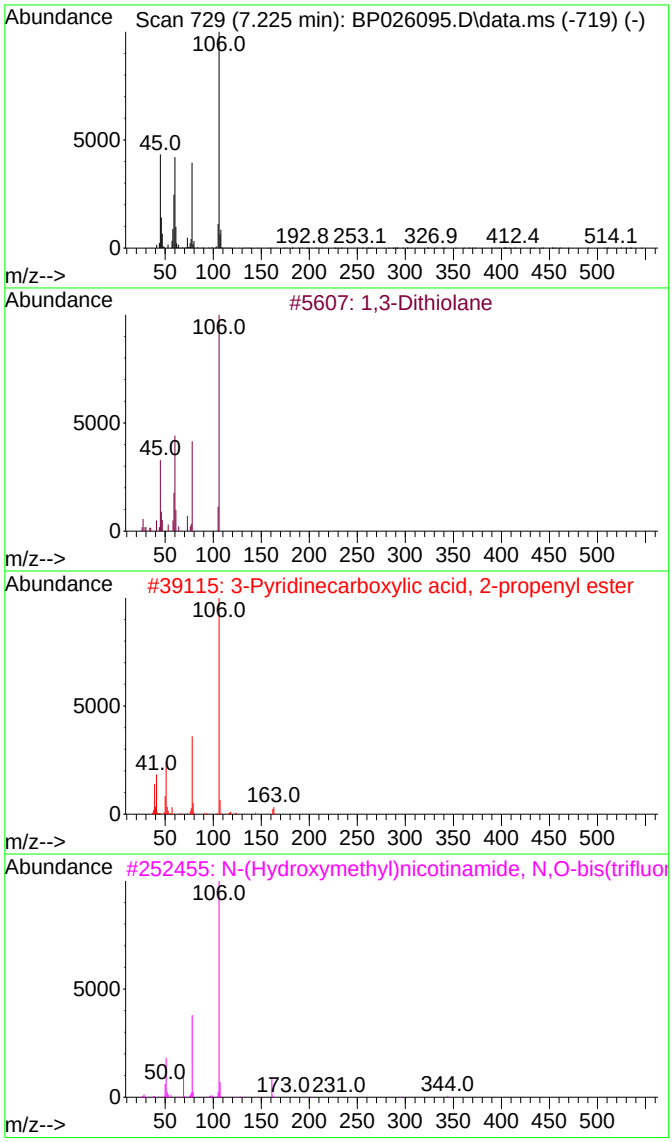
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

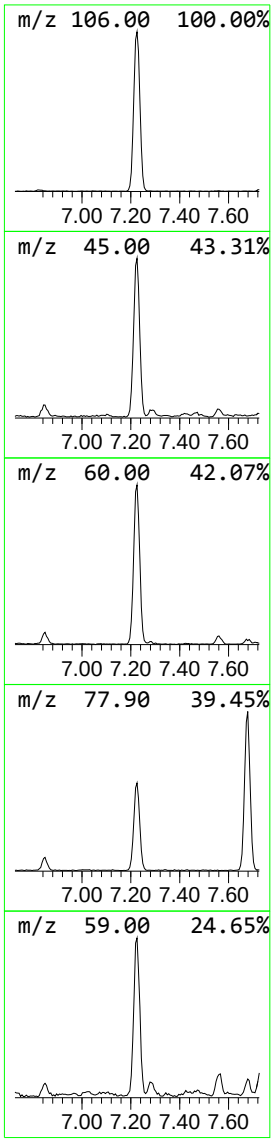
****

Peak Number 2 1,3-Dithiolane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.225	5.96 ng	503662	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiolane	106	C3H6S2	004829-04-3	94
2	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	32
3	N-(Hydroxymethyl)nicotinamide, N...	344	C11H6F6N2O4	1000462-03-5	23
4	Propanoic acid, 3-(ethylthio)-	134	C5H10O2S	007244-82-8	10
5	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

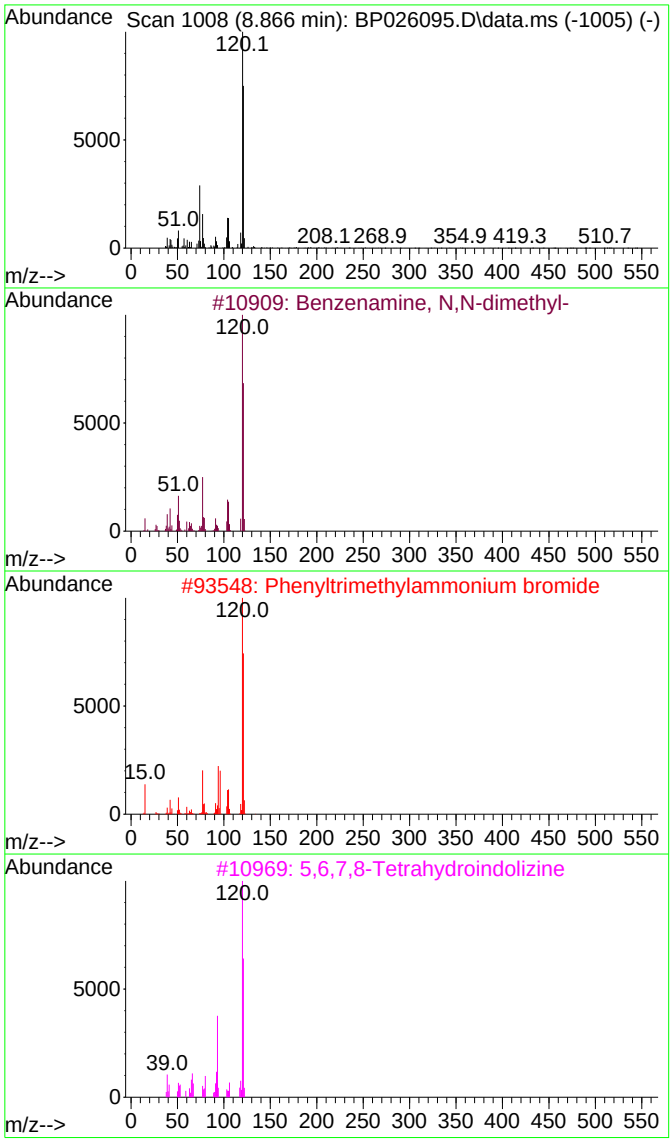
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

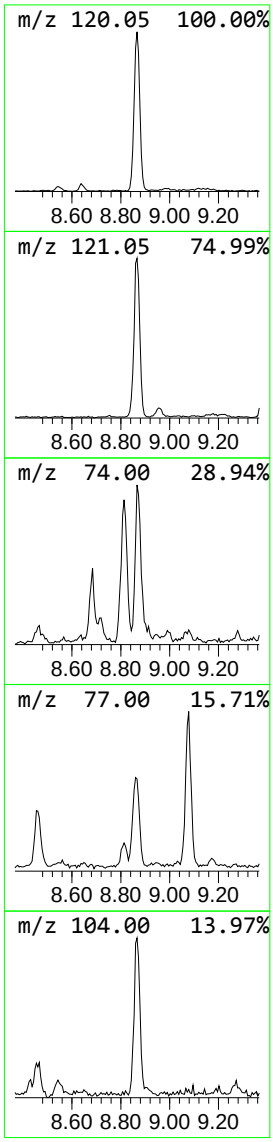
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, N,N-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.866	2.49 ng	210652	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-	121	C8H11N	000121-69-7	90
2	Phenyltrimethylammonium bromide	215	C9H14BrN	016056-11-4	86
3	5,6,7,8-Tetrahydroindolizine	121	C8H11N	013618-88-7	64
4	Pyridine, 2-ethyl-6-methyl-	121	C8H11N	001122-69-6	59
5	N-(2-Cyanoethyl)-N-methylaniline	160	C10H12N2	000094-34-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

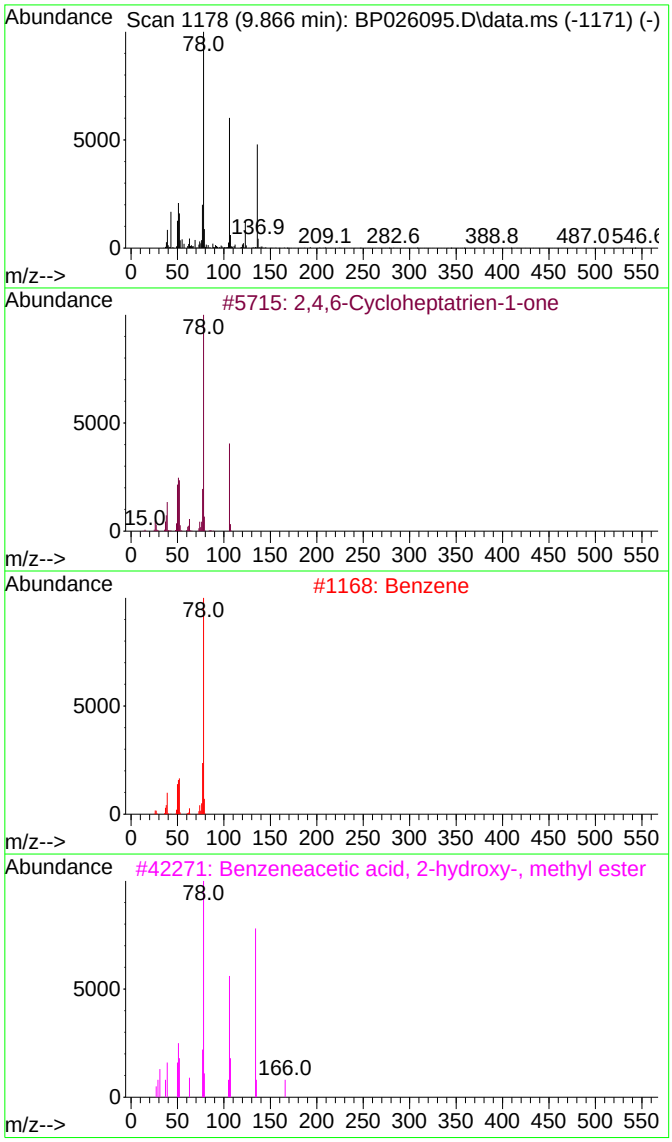
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

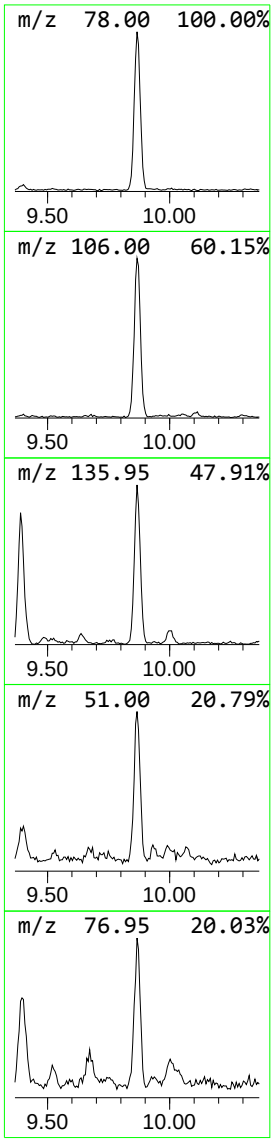
****

Peak Number 6 2,4,6-Cycloheptatrien-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.866	2.80 ng	291245	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	87
2	Benzene	78	C6H6	000071-43-2	76
3	Benzeneacetic acid, 2-hydroxy-, ...	166	C9H10O3	022446-37-3	72
4	3-Isonicotinoylhydrazono-N-(2-py...	297	C15H15N5O2	299970-72-2	72
5	Ethanone, 1-(3-pyridinyl)-	121	C7H7NO	000350-03-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

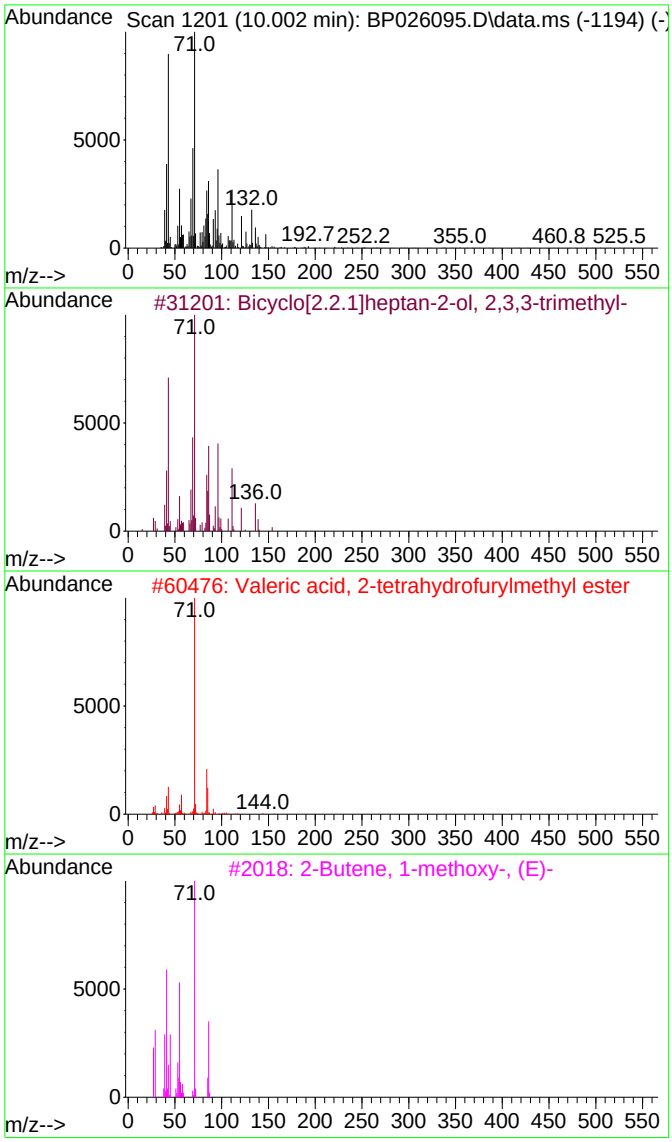
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

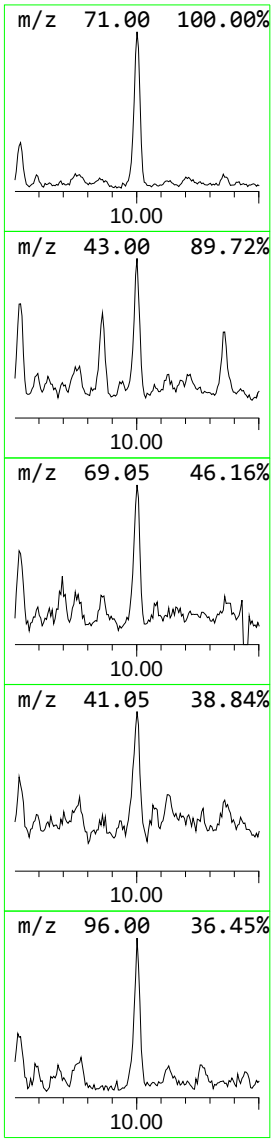
****

Peak Number 7 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.002	2.49 ng	259217	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	87
2	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	38
3	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	38
4	(Z)-CH3CH2CH=CH(OCH3)	86	C5H10O	010034-12-5	35
5	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

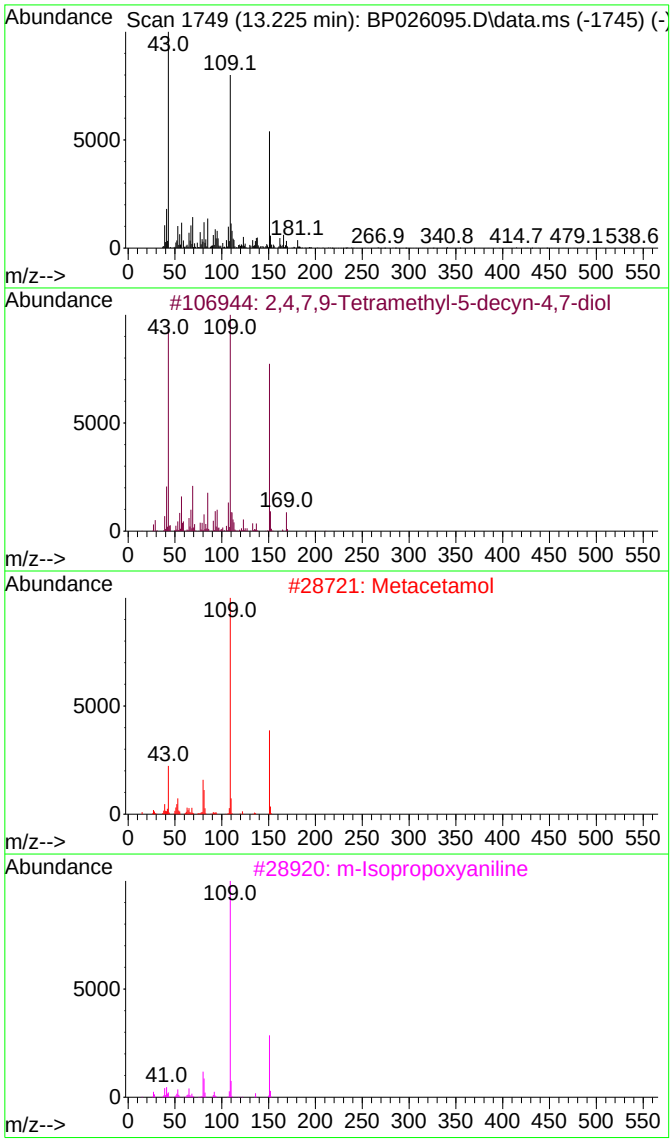
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

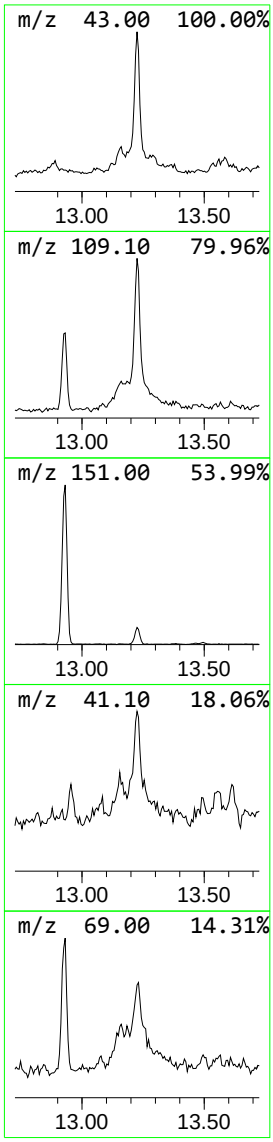
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	2.53 ng	376151	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Metacetamol	151	C8H9NO2	000621-42-1	68
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	58
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

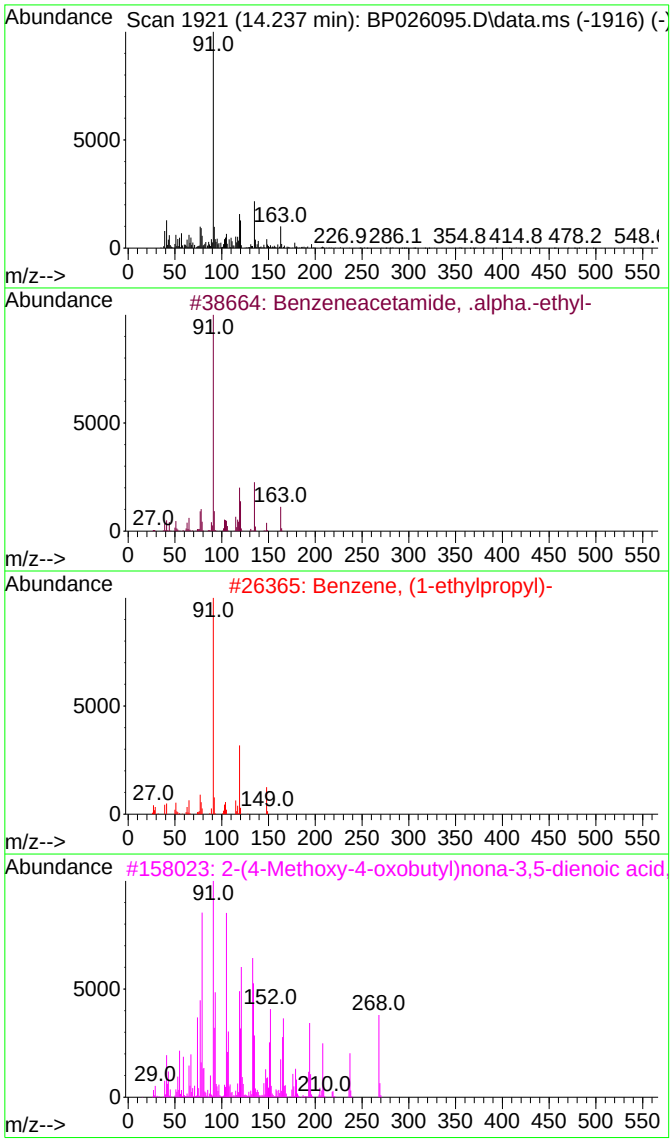
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

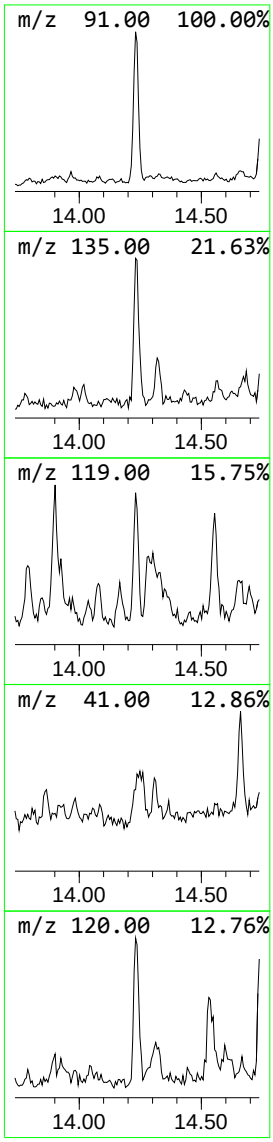
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzeneacetamide, .alpha.-e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.237	2.15 ng	319546	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-ethyl-	163	C10H13NO	000090-26-6	96
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	43
3	2-(4-Methoxy-4-oxobutyl)nona-3,5...	268	C15H24O4	1000503-94-7	30
4	Benzene, (2-isothiocyanatoethyl)-	163	C9H9NS	002257-09-2	30
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

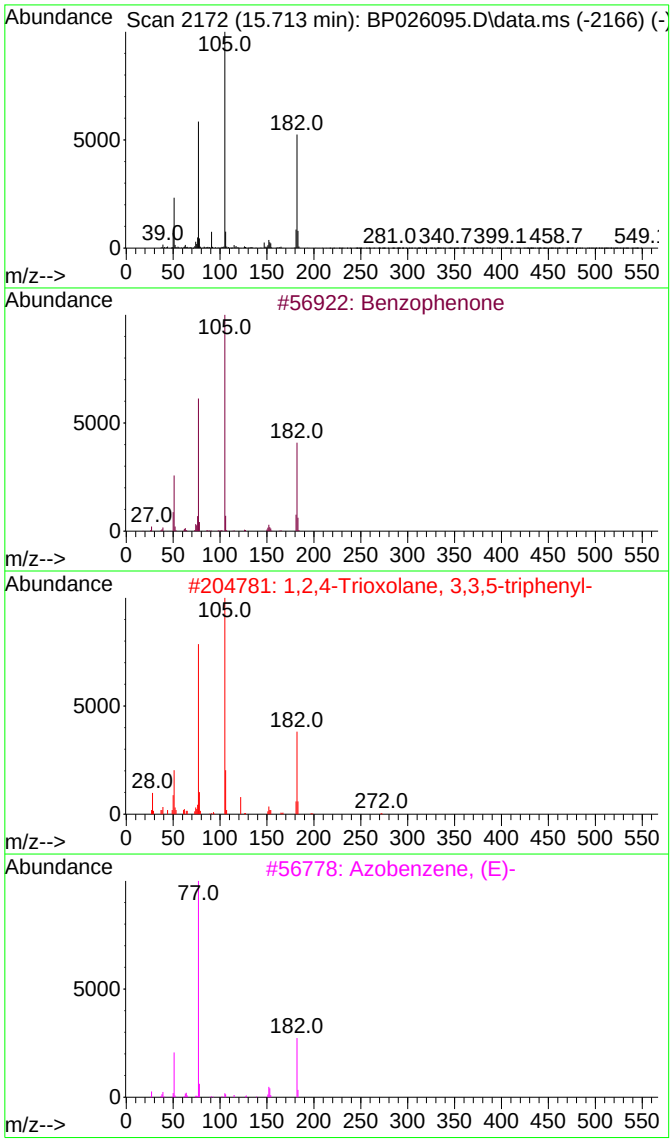
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

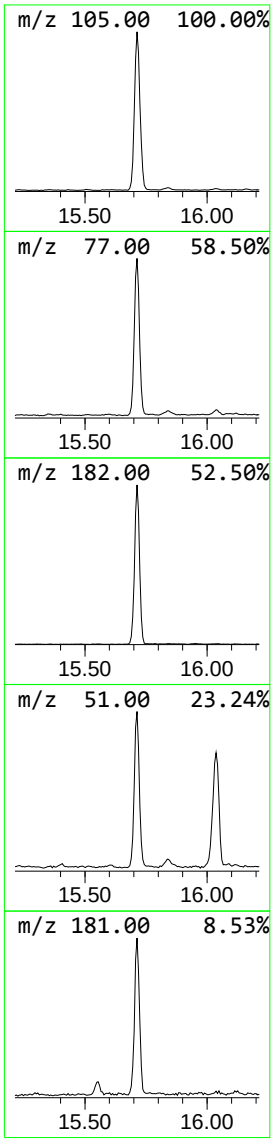
****

Peak Number 10 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.713	10.28 ng	1529330	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	56
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
4	Azobenzene	182	C12H10N2	000103-33-3	40
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

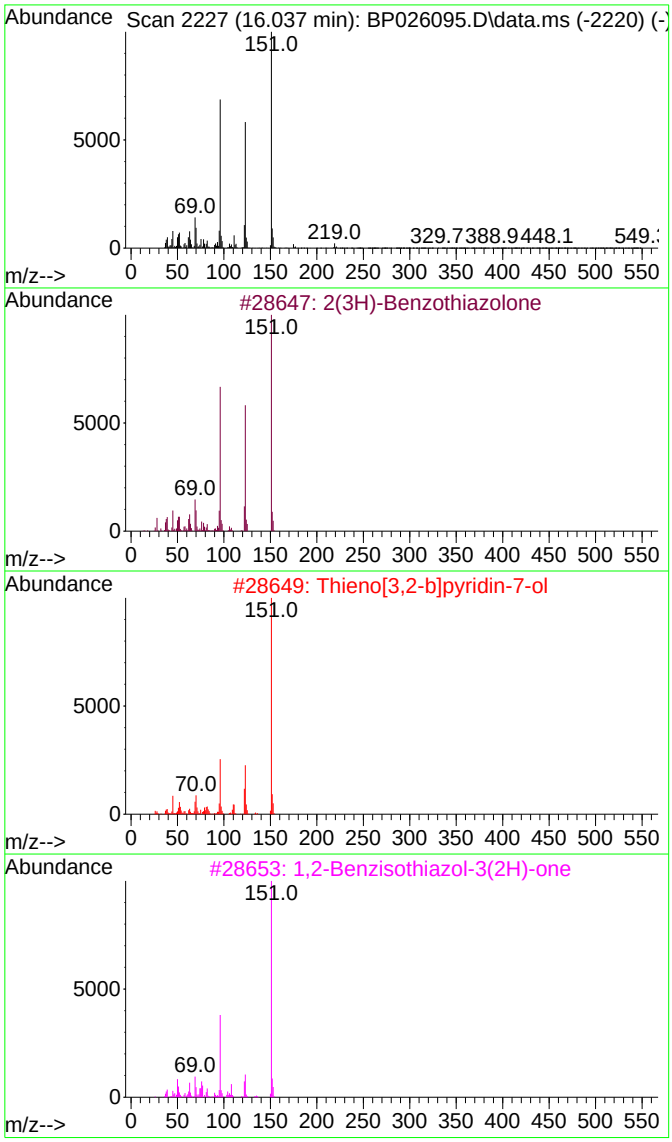
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

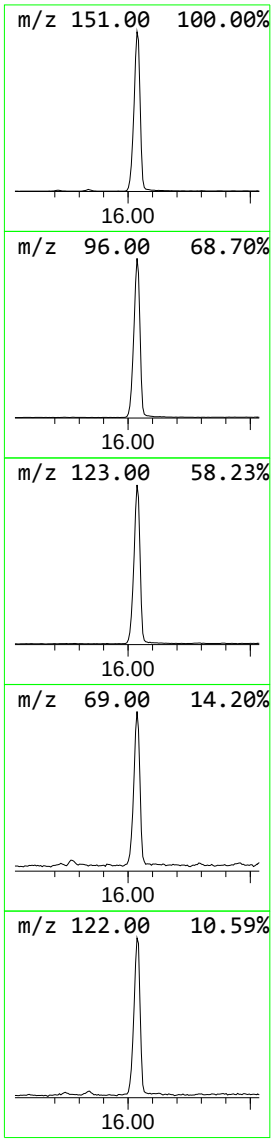
****

Peak Number 11 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	26.97 ng	5123490	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	76
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

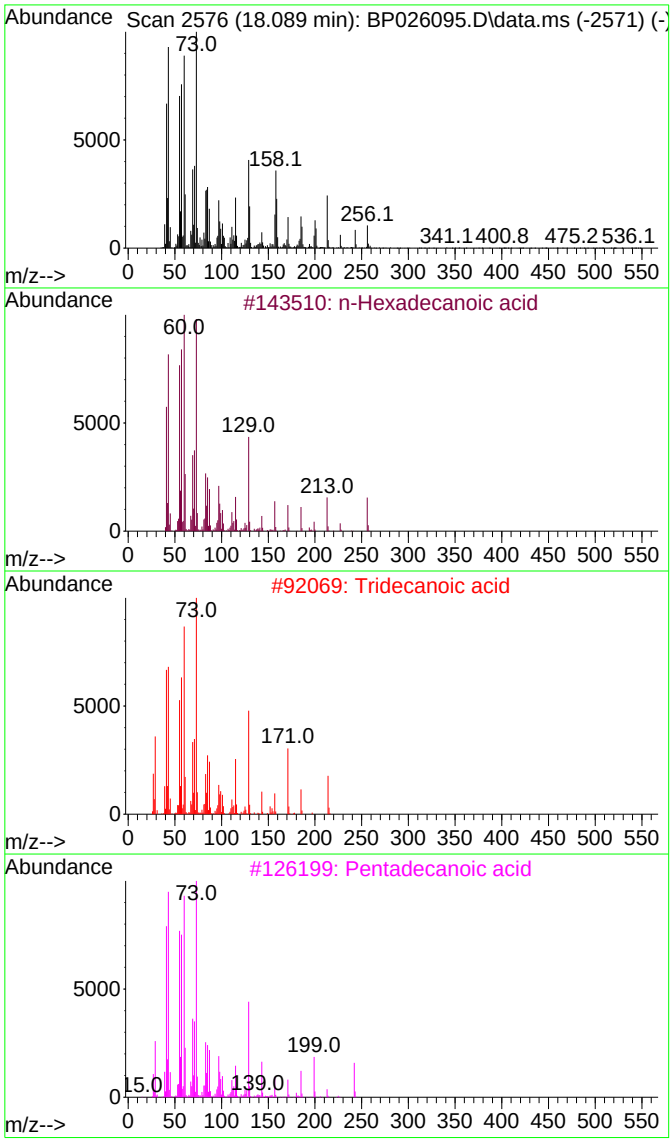
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

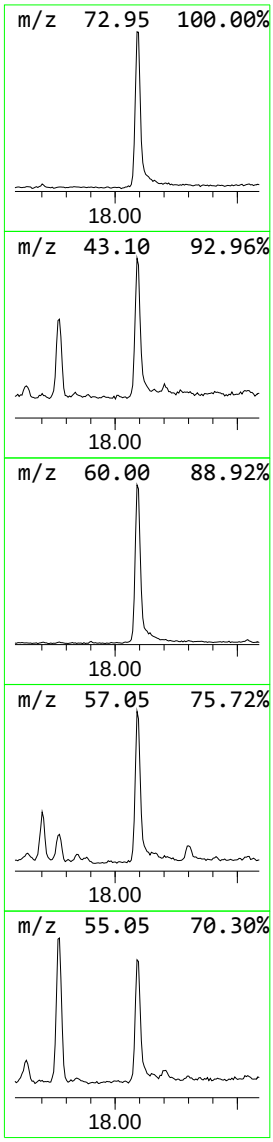
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	10.64 ng	2020010	Phenanthrene-d10	17.125

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

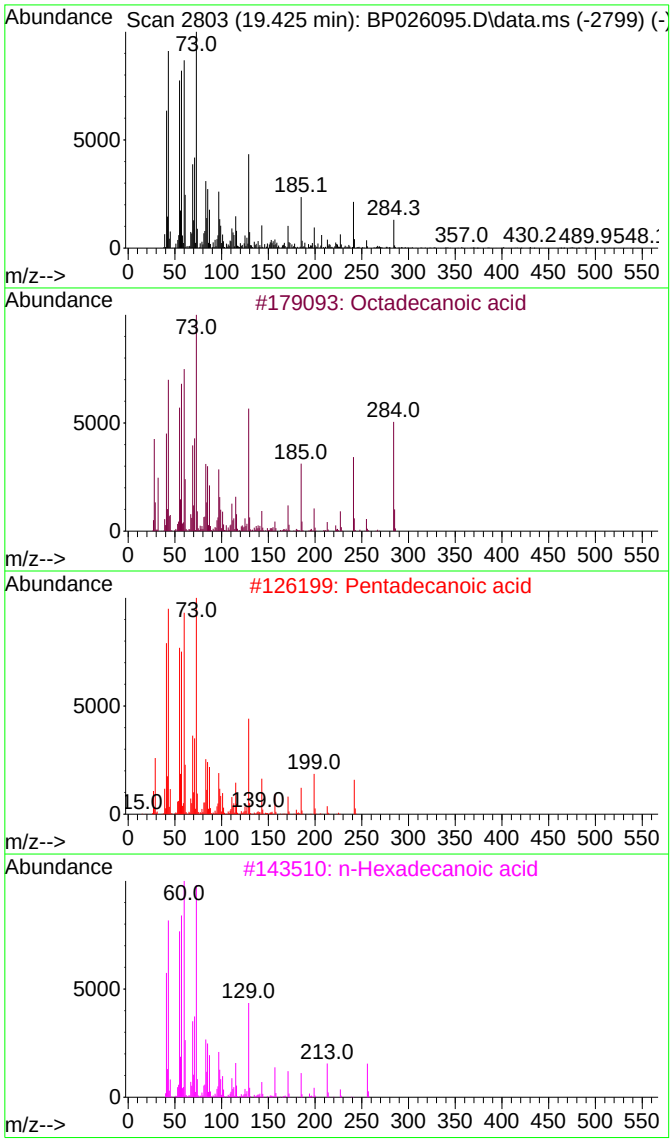
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

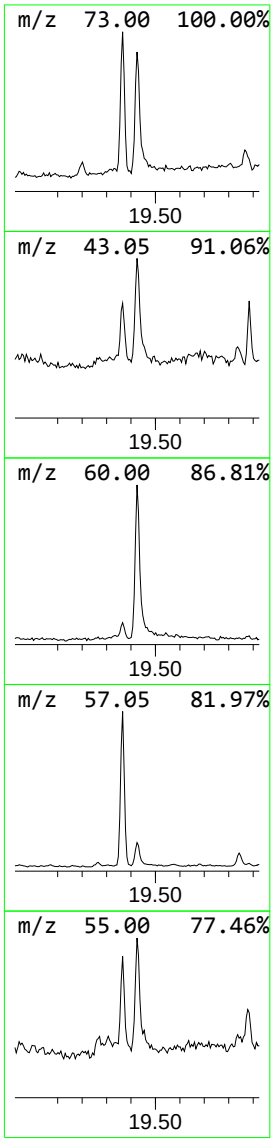
****

Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.425	2.32 ng	567695	Chrysene-d12	21.583

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	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

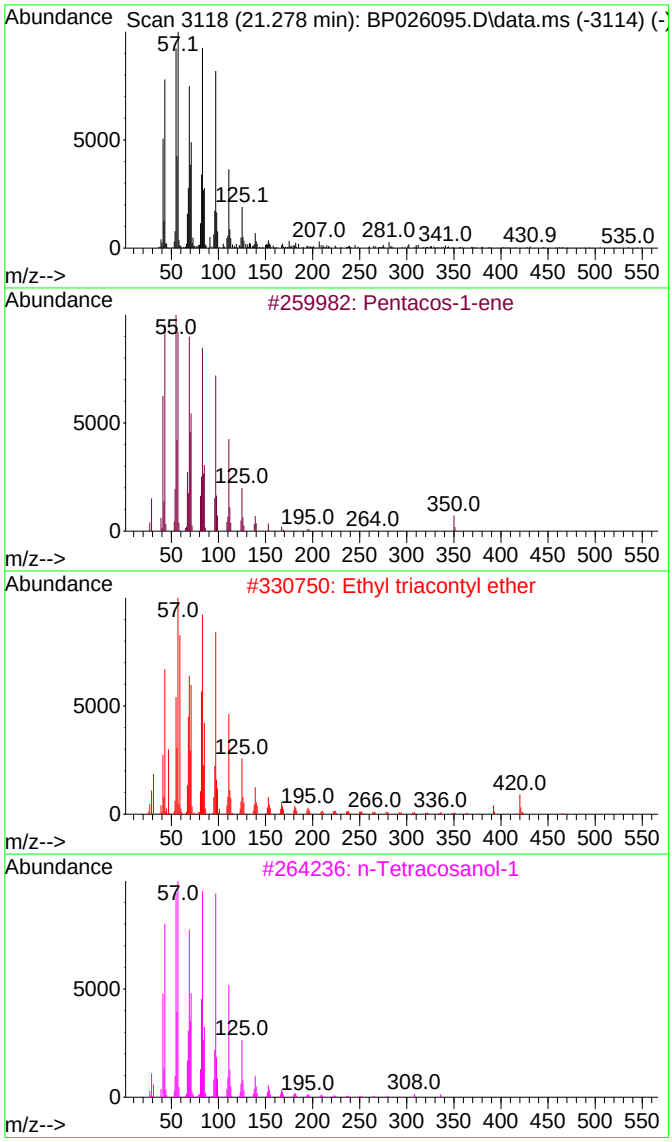
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

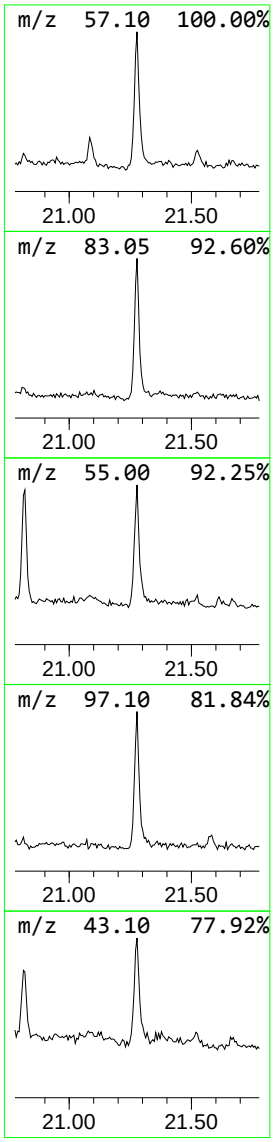
****

Peak Number 19 Pentacos-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	2.29 ng	561340	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	96
2	Ethyl triacontyl ether	467	C32H66O	1000406-37-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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
1,3-Dithiolane	7.225	6.0	ng	503662	1	7.678	1690060	20.0
Benzenamine, N,...	8.866	2.5	ng	210652	1	7.678	1690060	20.0
2,4,6-Cycloheptr...	9.866	2.8	ng	291245	2	10.443	2080220	20.0
Bicyclo[2.2.1]h...	10.002	2.5	ng	259217	2	10.443	2080220	20.0
2,4,7,9-Tetrame...	13.225	2.5	ng	376151	3	14.319	2974080	20.0
Benzeneacetamid...	14.237	2.1	ng	319546	3	14.319	2974080	20.0
Benzophenone	15.713	10.3	ng	1529330	3	14.319	2974080	20.0
2(3H)-Benzothia...	16.037	27.0	ng	5123490	4	17.125	3798720	20.0
n-Hexadecanoic ...	18.089	10.6	ng	2020010	4	17.125	3798720	20.0
Octadecanoic acid	19.425	2.3	ng	567695	5	21.583	4897100	20.0
Pentacos-1-ene	21.278	2.3	ng	561340	5	21.583	4897100	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

Quant Time: Nov 12 01:46:48 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

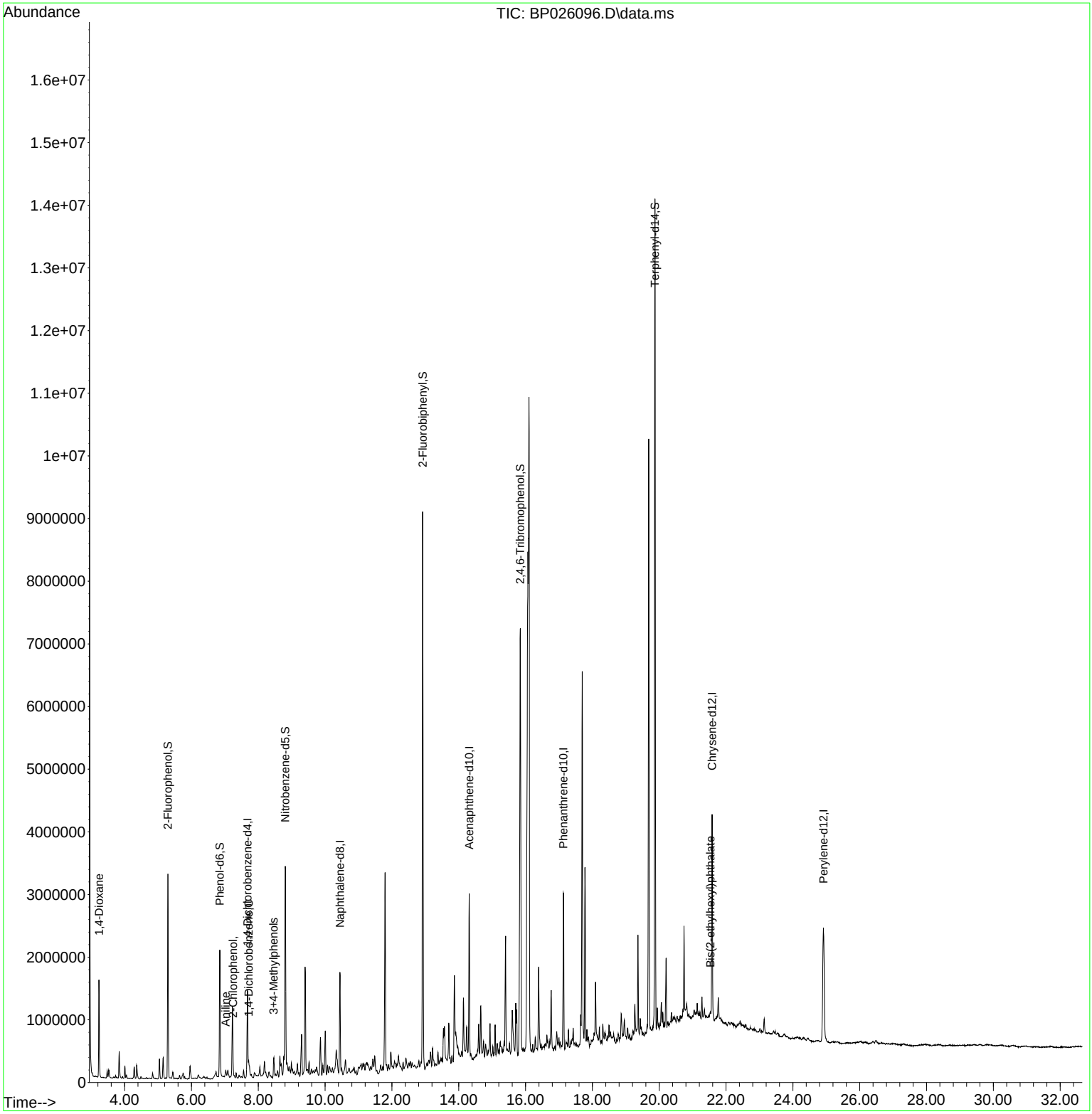
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	346728	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1352865	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	840321	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1658313	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1893823	20.000	ng		0.02
86) Perylene-d12	24.912	264	2202758	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1427999	67.959	ng		0.00
7) Phenol-d6	6.849	99	1210081	45.245	ng		0.00
23) Nitrobenzene-d5	8.807	82	2056955	94.784	ng		-0.02
42) 2,4,6-Tribromophenol	15.842	330	1448875	159.485	ng		0.01
45) 2-Fluorobiphenyl	12.919	172	4874140	83.346	ng		-0.01
79) Terphenyl-d14	19.872	244	7516183	80.633	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	771130	87.052	ng		97
6) Aniline	7.025	93	110347	3.091	ng		99
8) 2-Chlorophenol	7.249	128	51862	2.229	ng		99
13) 1,4-Dichlorobenzene	7.713	146	97714	3.617	ng		98
20) 3+4-Methylphenols	8.460	107	70746	2.616	ng	#	43
84) Bis(2-ethylhexyl)phtha...	21.530	149	24005	2.895	ng	#	87

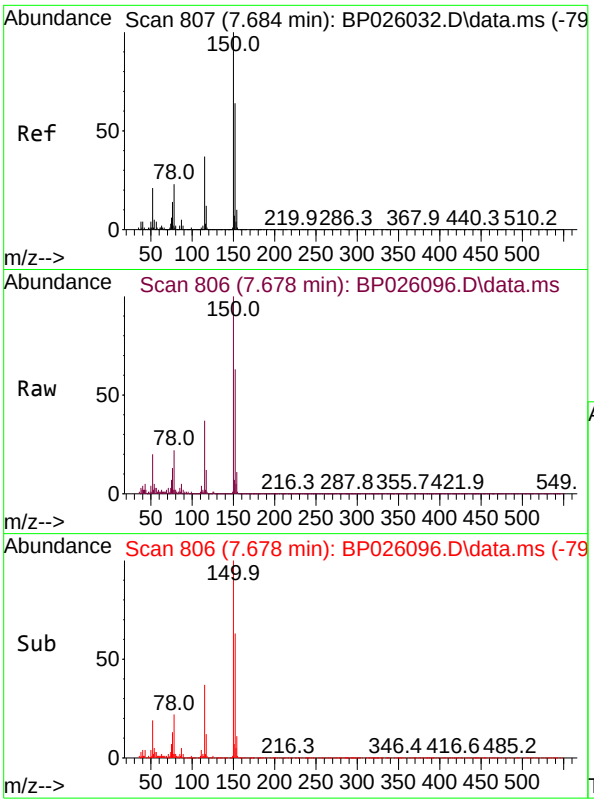
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

Quant Time: Nov 12 01:46:48 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



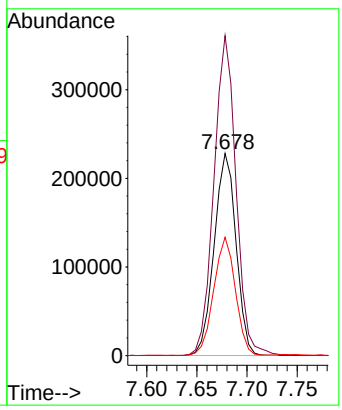


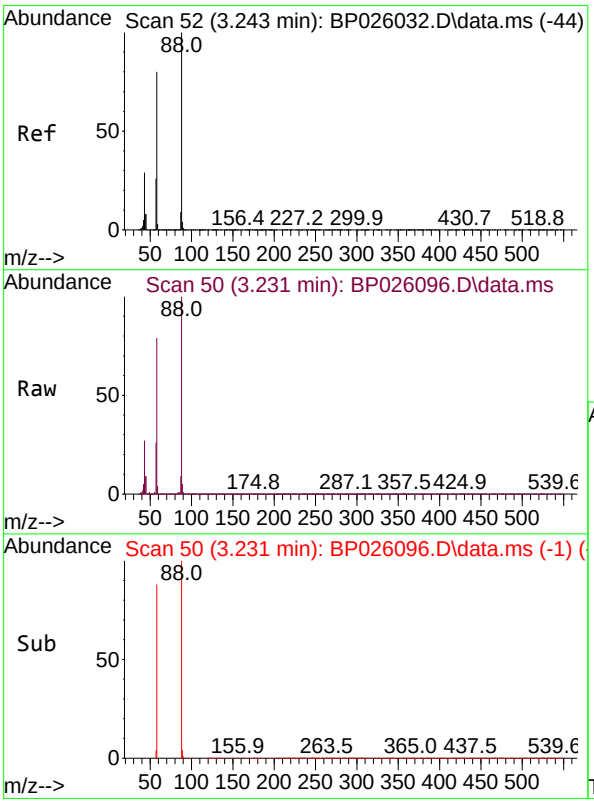
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 346728

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.7	188.5
115	58.5	46.4	69.6

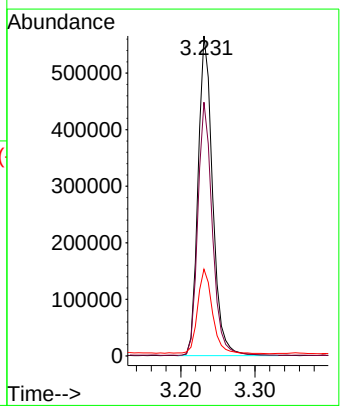


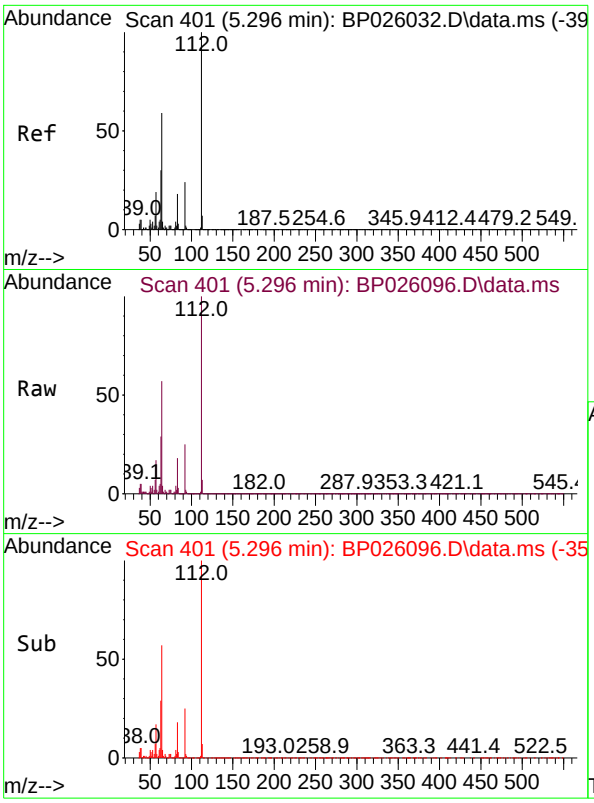


#2
1,4-Dioxane
Concen: 87.052 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 88 Resp: 771130

Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	27.1	23.1	34.7



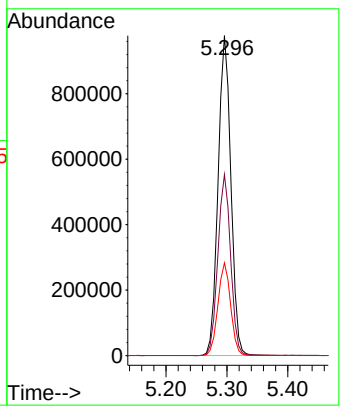


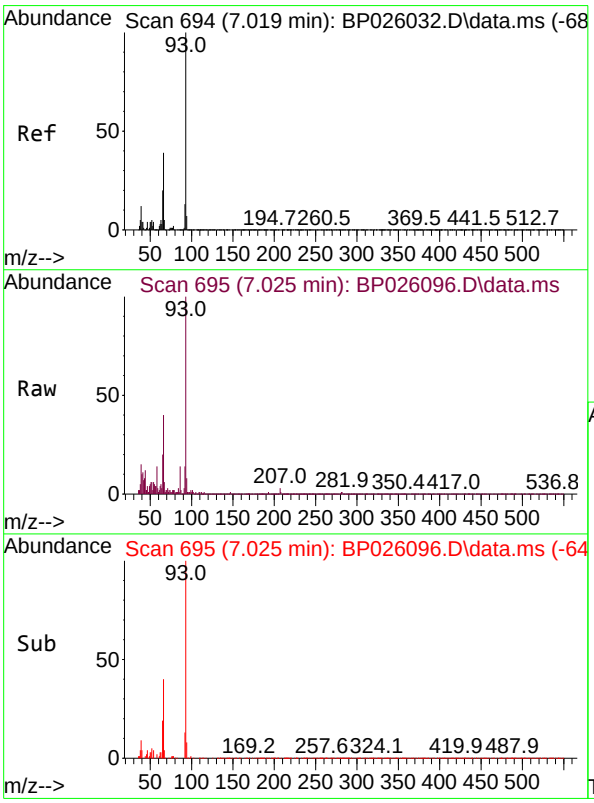
#5
2-Fluorophenol
Concen: 67.959 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 1427999

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.2
63	29.0	24.2	36.4

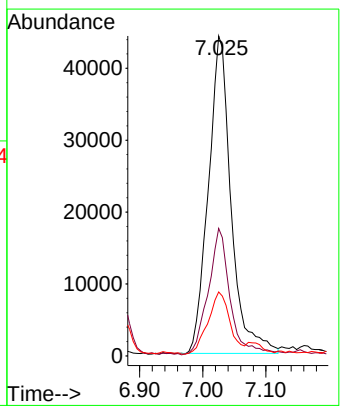


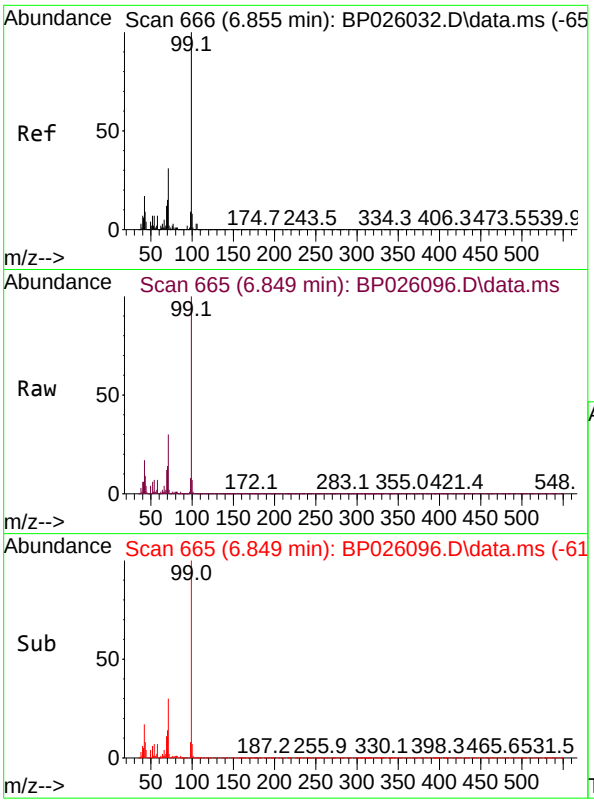


#6
Aniline
Concen: 3.091 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 93 Resp: 110347

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.2	46.8
65	20.0	16.1	24.1



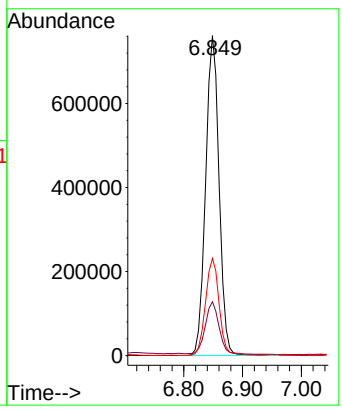


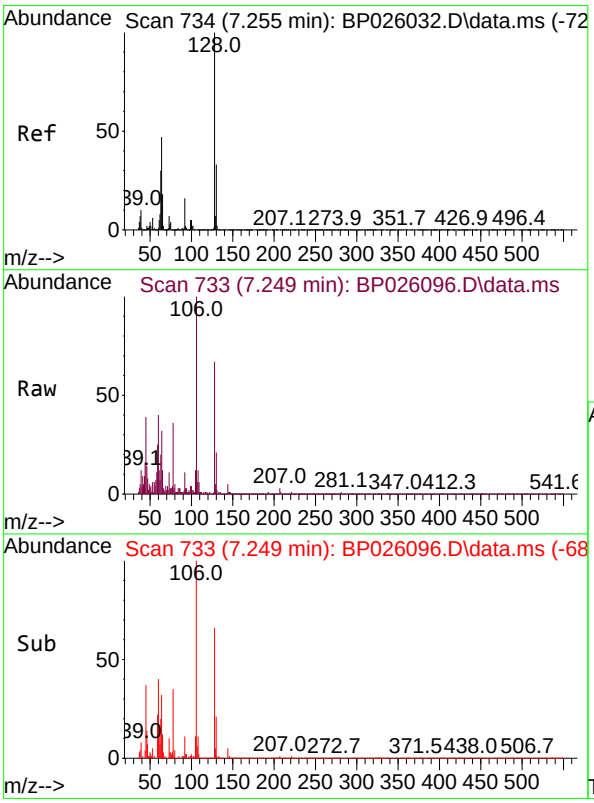
#7
Phenol-d6
Concen: 45.245 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 1210081

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.4	24.4	36.6

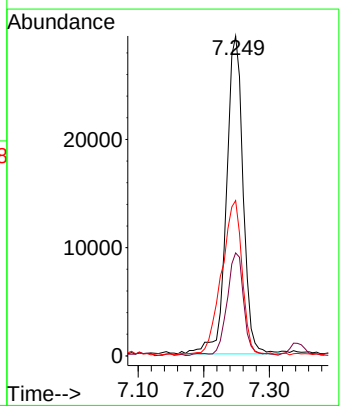


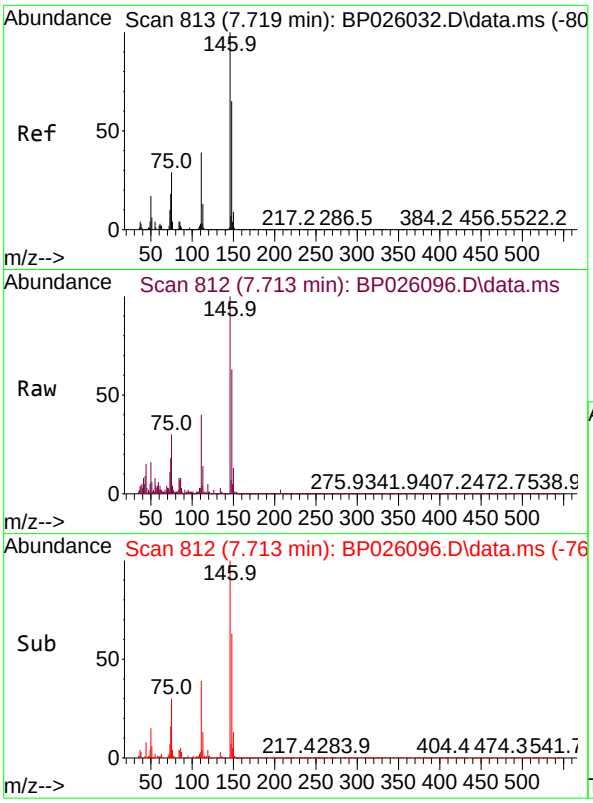


#8
2-Chlorophenol
Concen: 2.229 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:128 Resp: 51862

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.5	27.4	67.4



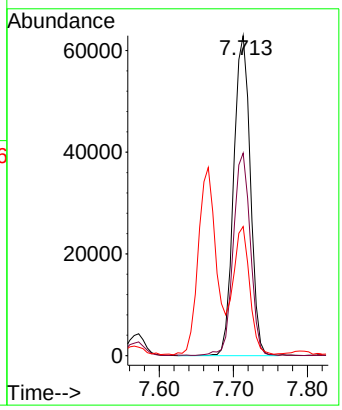


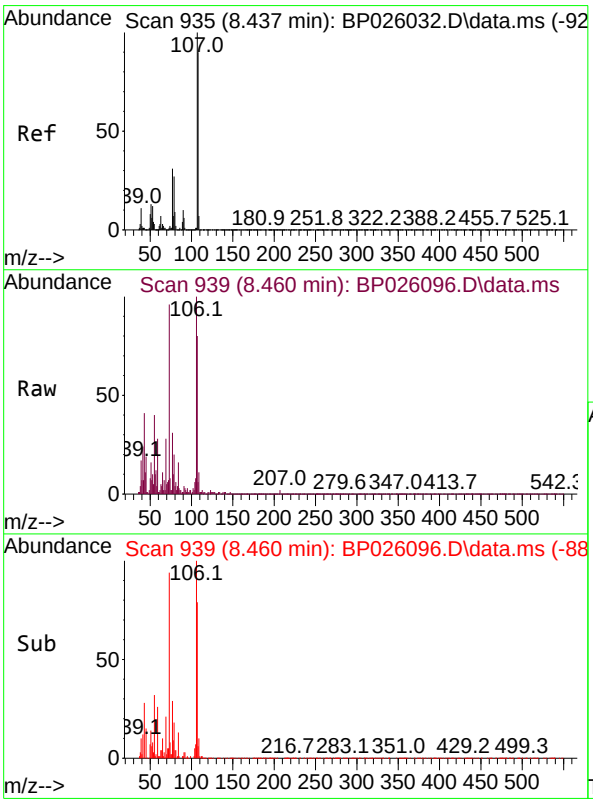
#13
1,4-Dichlorobenzene
Concen: 3.617 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:146 Resp: 97714

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	40.3	31.3	46.9

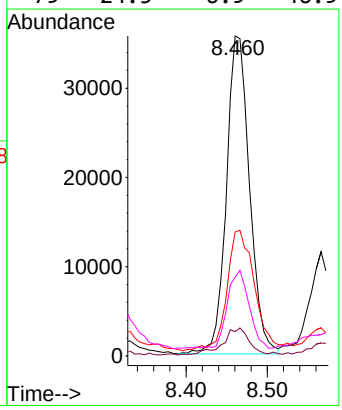


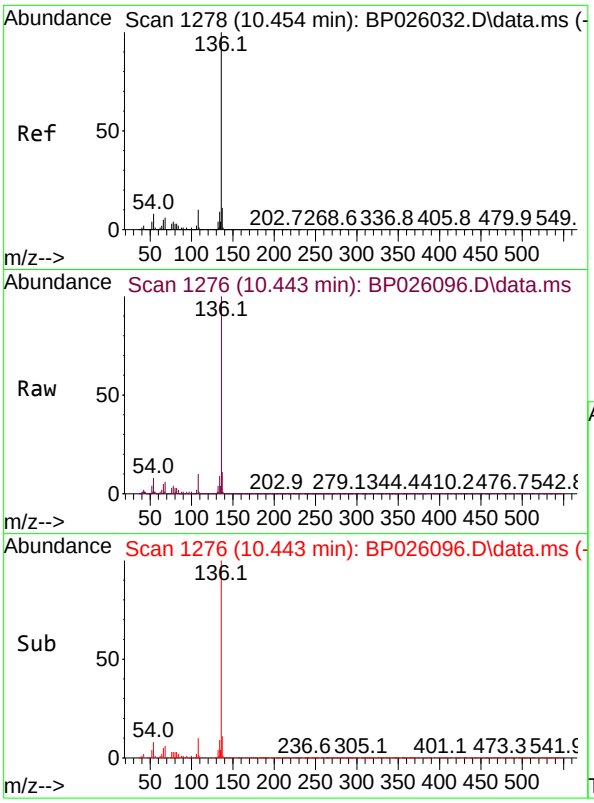


#20
3+4-Methylphenols
Concen: 2.616 ng
RT: 8.460 min Scan# 939
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:107 Resp: 70746

Ion	Ratio	Lower	Upper
107	100		
108	7.6	70.1	110.1#
77	38.7	10.7	50.7
79	24.5	6.9	46.9



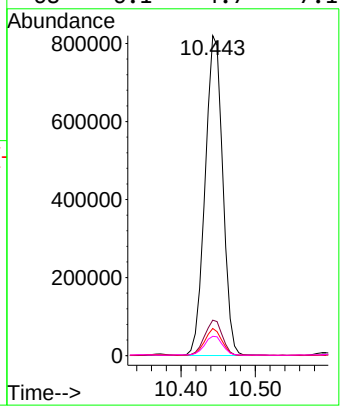


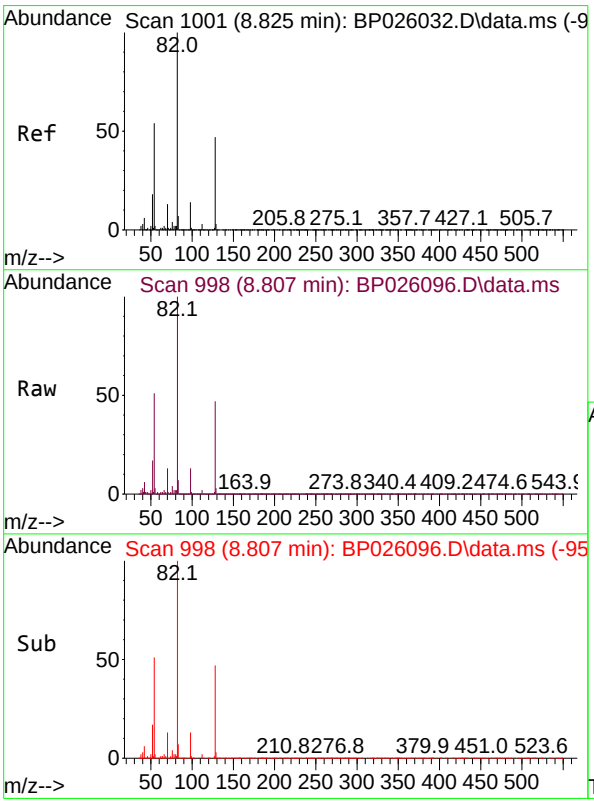
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 1352865

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.6	10.0
68	6.1	4.7	7.1

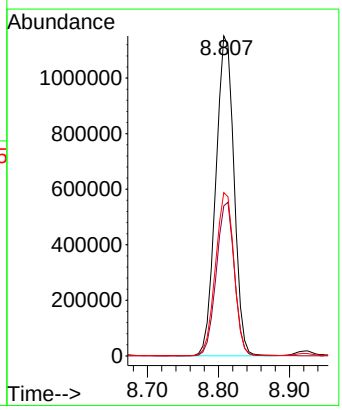


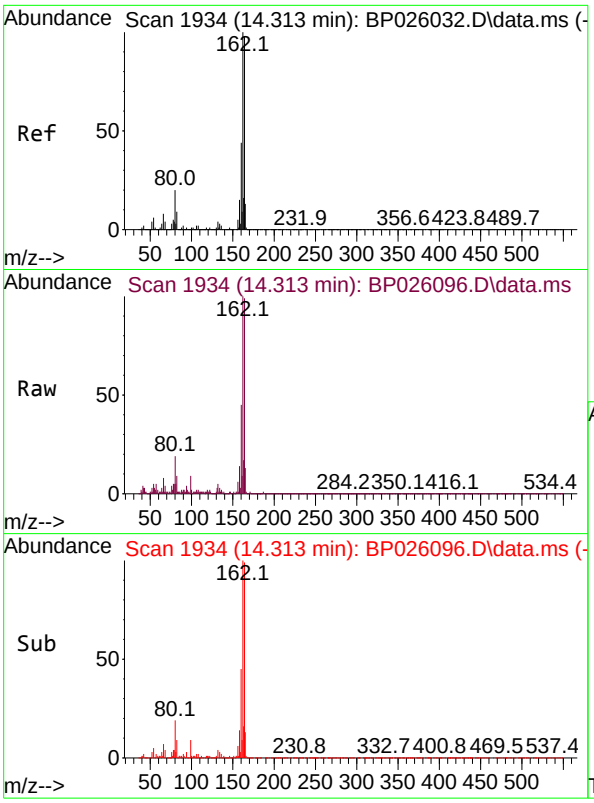


#23
Nitrobenzene-d5
Concen: 94.784 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 82 Resp: 2056955

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



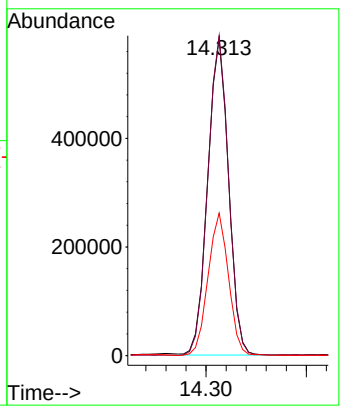


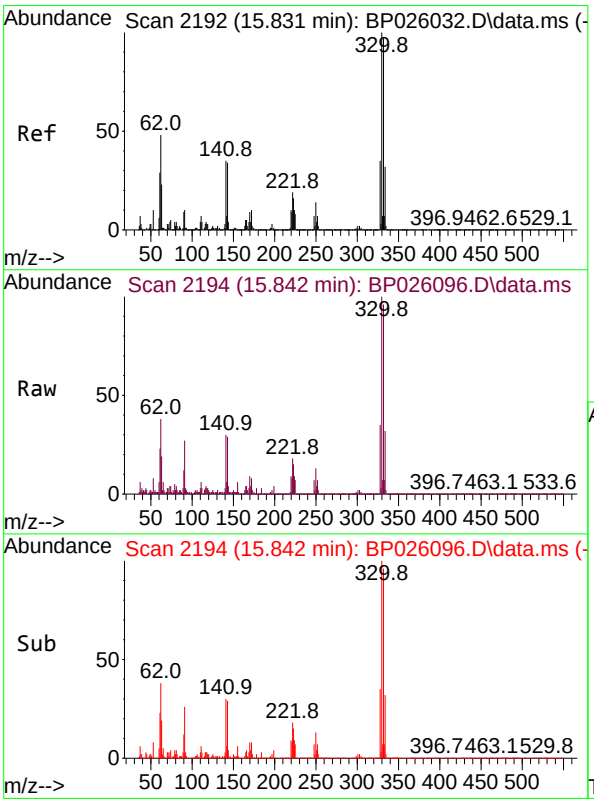
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 840321

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	45.0	36.2	54.4

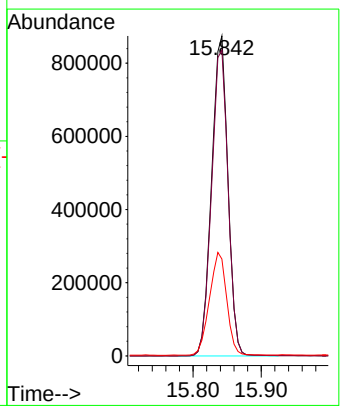


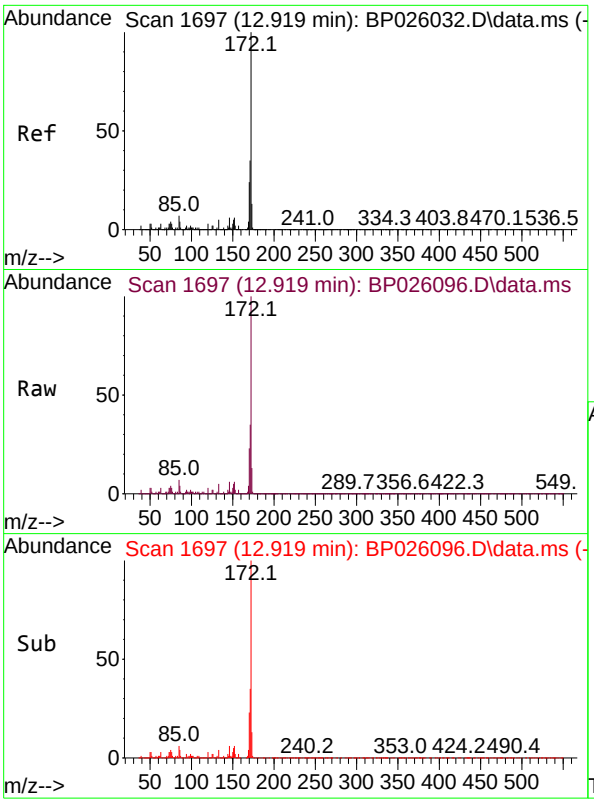


#42
2,4,6-Tribromophenol
Concen: 159.485 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:330 Resp: 1448875

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.9	28.6	42.8



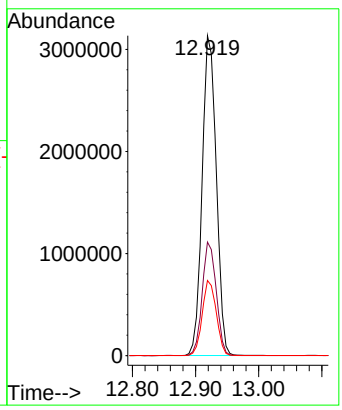


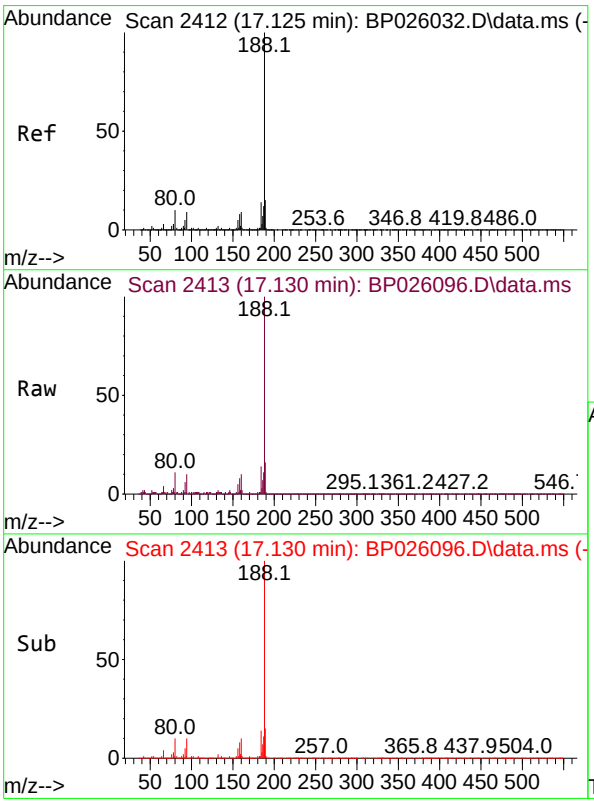
#45
2-Fluorobiphenyl
Concen: 83.346 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 4874140

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.5	19.0	28.4

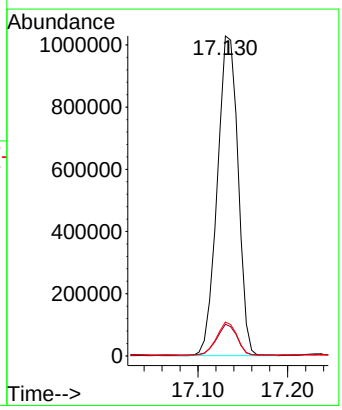


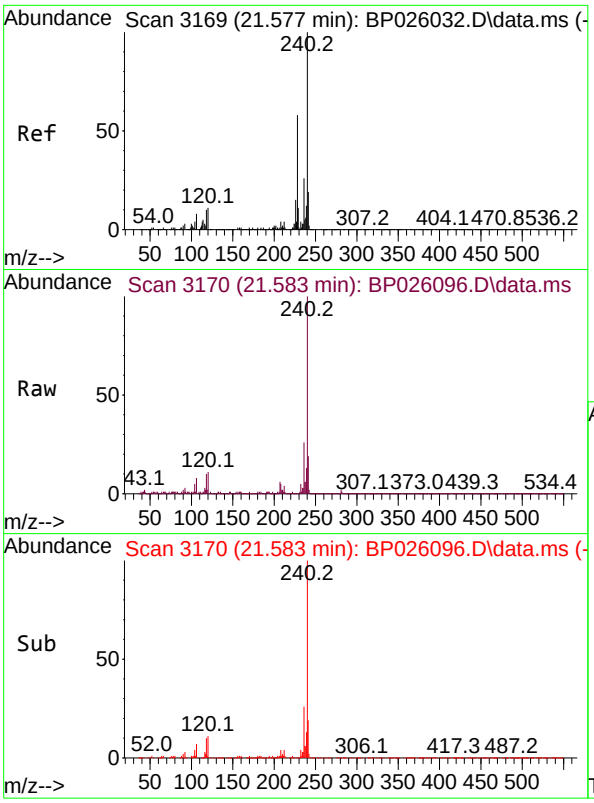


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:188 Resp: 1658313

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.6	7.9	11.9



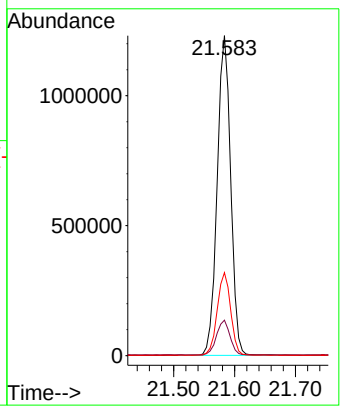


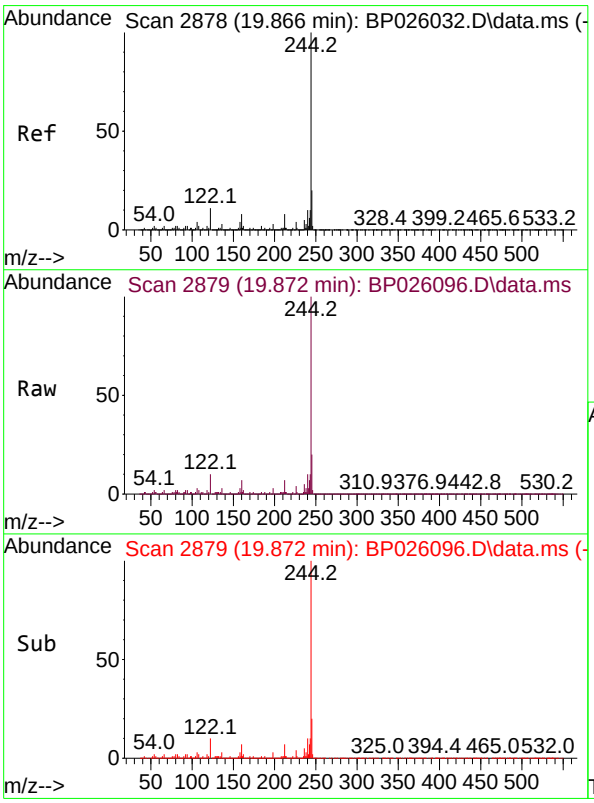
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 1893823

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.9	20.6	31.0

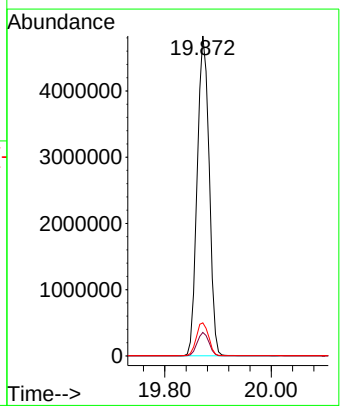


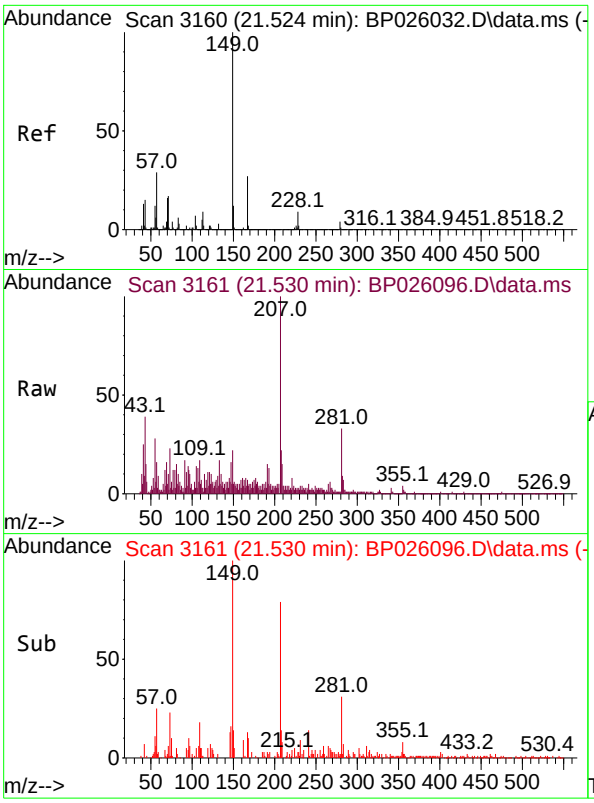


#79
Terphenyl-d14
Concen: 80.633 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:244 Resp: 7516183

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	9.0	13.6



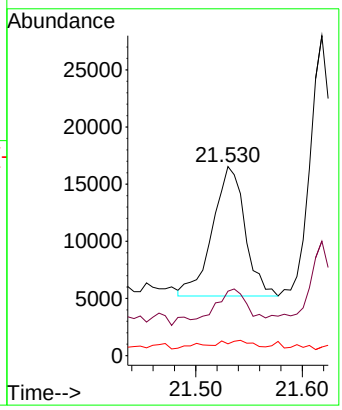


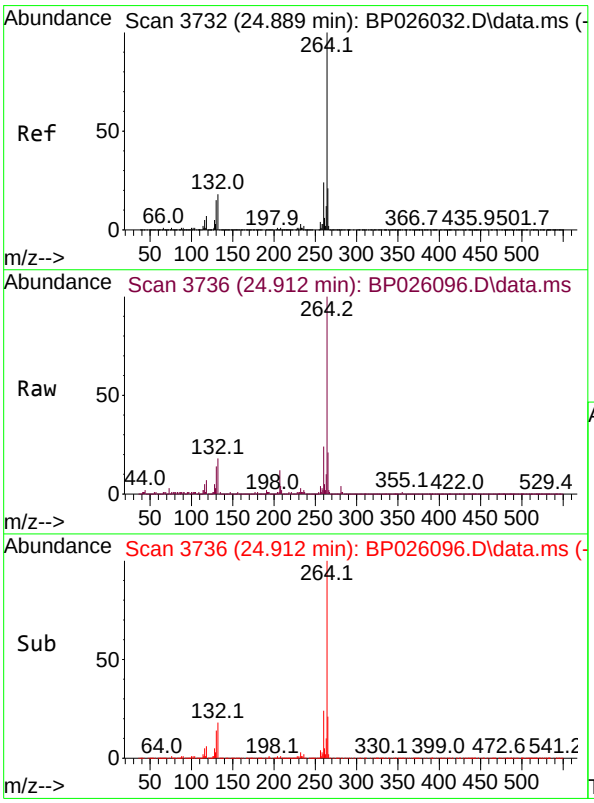
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.895 ng
RT: 21.530 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:149 Resp: 24005

Ion	Ratio	Lower	Upper
149	100		
167	34.1	21.5	32.3#
279	6.2	3.0	4.6#

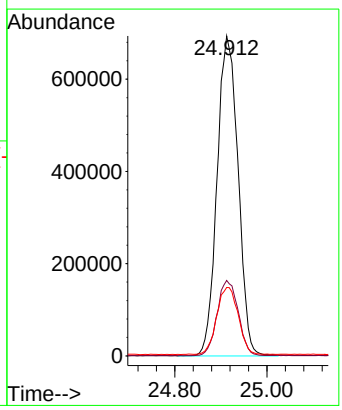




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:264 Resp: 2202758

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	17.2	25.8



Sample Results: **BP026096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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: BP026096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.231	45	50	66	rVB	1559908	2145026	5.55%	1.009%
2	3.837	148	153	164	rBV	428664	665290	1.72%	0.313%
3	4.361	237	242	257	rVB3	219019	415946	1.08%	0.196%
4	5.043	350	358	365	rBV	323369	515723	1.34%	0.243%
5	5.155	370	377	386	rVB2	337667	571141	1.48%	0.269%
6	5.296	394	401	410	rBV	3264258	4794656	12.41%	2.255%
7	5.960	508	514	523	rBV2	202245	402554	1.04%	0.189%
8	6.737	626	646	652	rBV4	117349	466645	1.21%	0.219%
9	6.849	658	665	677	rBV	2023430	3372468	8.73%	1.586%
10	7.225	720	729	737	rBV	1118309	1995545	5.17%	0.938%
11	7.678	796	806	810	rBV	1398976	2540083	6.58%	1.194%
12	8.466	934	940	946	rBV4	325205	662214	1.71%	0.311%
13	8.649	964	971	975	rBV2	340032	650327	1.68%	0.306%
14	8.766	985	991	992	rBV2	300213	450306	1.17%	0.212%
15	8.807	992	998	1004	rVB	3193884	5685539	14.72%	2.674%
16	9.296	1072	1081	1087	rBV	674232	1356516	3.51%	0.638%
17	9.401	1087	1099	1105	rBV2	1721586	3354777	8.68%	1.578%
18	9.860	1169	1177	1184	rVB3	605295	1149014	2.97%	0.540%
19	10.007	1194	1202	1208	rVV2	703245	1382565	3.58%	0.650%
20	10.331	1245	1257	1270	rVV3	377338	1396639	3.62%	0.657%
21	10.443	1270	1276	1282	rVV	1620486	2726104	7.06%	1.282%
22	10.607	1291	1304	1311	rBV5	237603	661969	1.71%	0.311%
23	11.484	1449	1453	1461	rVB	242948	480794	1.24%	0.226%
24	11.795	1497	1506	1512	rBV	3153231	5103877	13.21%	2.400%
25	11.966	1529	1535	1542	rBV5	271506	593208	1.54%	0.279%
26	12.919	1691	1697	1708	rVB	8902625	13997732	36.24%	6.582%
27	13.154	1733	1737	1743	rVB3	228246	415871	1.08%	0.196%
28	13.219	1743	1748	1752	rBV	292984	513204	1.33%	0.241%
29	13.542	1798	1803	1805	rBV2	543714	799624	2.07%	0.376%
30	13.572	1806	1808	1821	rVB2	555896	898461	2.33%	0.422%
31	13.701	1826	1830	1834	rVB	567454	777803	2.01%	0.366%
32	13.872	1853	1859	1864	rBV	1377544	2750983	7.12%	1.294%
33	14.142	1899	1905	1912	rBV	936665	1628455	4.22%	0.766%
34	14.237	1917	1921	1927	rVV2	465827	910420	2.36%	0.428%
35	14.313	1928	1934	1940	rVB	2589032	3764105	9.74%	1.770%
36	14.595	1978	1982	1986	rVB	467940	586813	1.52%	0.276%

Sample Results: **BP026096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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

37	14.660	1988	1993	1999	rVV2	769351	1330910	3.45%	0.626%
38	14.742	2003	2007	2012	rVB4	250574	432600	1.12%	0.203%
39	14.936	2037	2040	2045	rVB	519756	654580	1.69%	0.308%
40	15.089	2062	2066	2070	rVB	485381	617094	1.60%	0.290%
41	15.401	2113	2119	2125	rVB	1831237	2725657	7.06%	1.282%
42	15.601	2147	2153	2166	rBV2	665107	1656979	4.29%	0.779%
43	15.707	2166	2171	2173	rVV	768280	1038744	2.69%	0.488%
44	15.731	2173	2175	2180	rVB	721825	875665	2.27%	0.412%
45	15.842	2184	2194	2204	rBV2	6788925	15256651	39.50%	7.174%
46	16.101	2221	2238	2249	rVB	10438836	38628580	100.00%	18.164%
47	16.395	2282	2288	2297	rBV	1325810	2331935	6.04%	1.097%
48	16.766	2346	2351	2358	rVB2	923435	1511442	3.91%	0.711%
49	16.930	2374	2379	2384	rBV4	274131	547885	1.42%	0.258%
50	17.130	2408	2413	2419	rVB2	2495365	4135756	10.71%	1.945%
51	17.283	2435	2439	2444	rVB2	283875	408875	1.06%	0.192%
52	17.648	2497	2501	2503	rBV	478789	615669	1.59%	0.290%
53	17.695	2503	2509	2518	rVV2	5939049	9614068	24.89%	4.521%
54	17.777	2518	2523	2529	rVB	2781394	3923844	10.16%	1.845%
55	18.095	2572	2577	2585	rVB2	868957	1339111	3.47%	0.630%
56	18.313	2611	2614	2621	rBV2	287022	466329	1.21%	0.219%
57	18.860	2704	2707	2715	rVB3	366087	652830	1.69%	0.307%
58	18.954	2720	2723	2731	rVB4	267629	480905	1.24%	0.226%
59	19.272	2773	2777	2783	rVB2	437122	672855	1.74%	0.316%
60	19.360	2788	2792	2799	rVB	1589904	2198676	5.69%	1.034%
61	19.683	2841	2847	2860	rVB	9441002	13490604	34.92%	6.344%
62	19.872	2873	2879	2886	rVB	13250487	21267050	55.06%	10.000%
63	20.066	2908	2912	2916	rBV2	327424	440528	1.14%	0.207%
64	20.207	2930	2936	2940	rVB	1109427	1682893	4.36%	0.791%
65	20.742	3023	3027	3033	rBV	1375598	1523939	3.95%	0.717%
66	21.277	3115	3118	3123	rVB	317801	410184	1.06%	0.193%
67	21.583	3164	3170	3180	rVB	3295855	5270285	13.64%	2.478%
68	24.912	3727	3736	3756	rVB	1817090	5876943	15.21%	2.764%

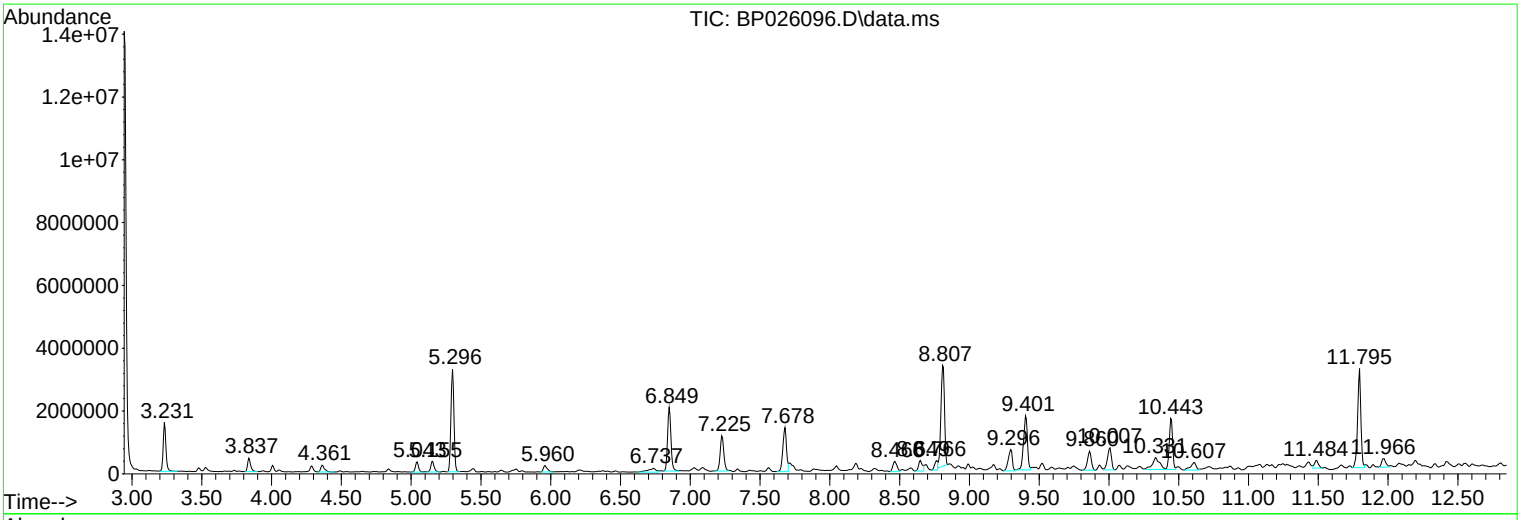
Sum of corrected areas: 212662463

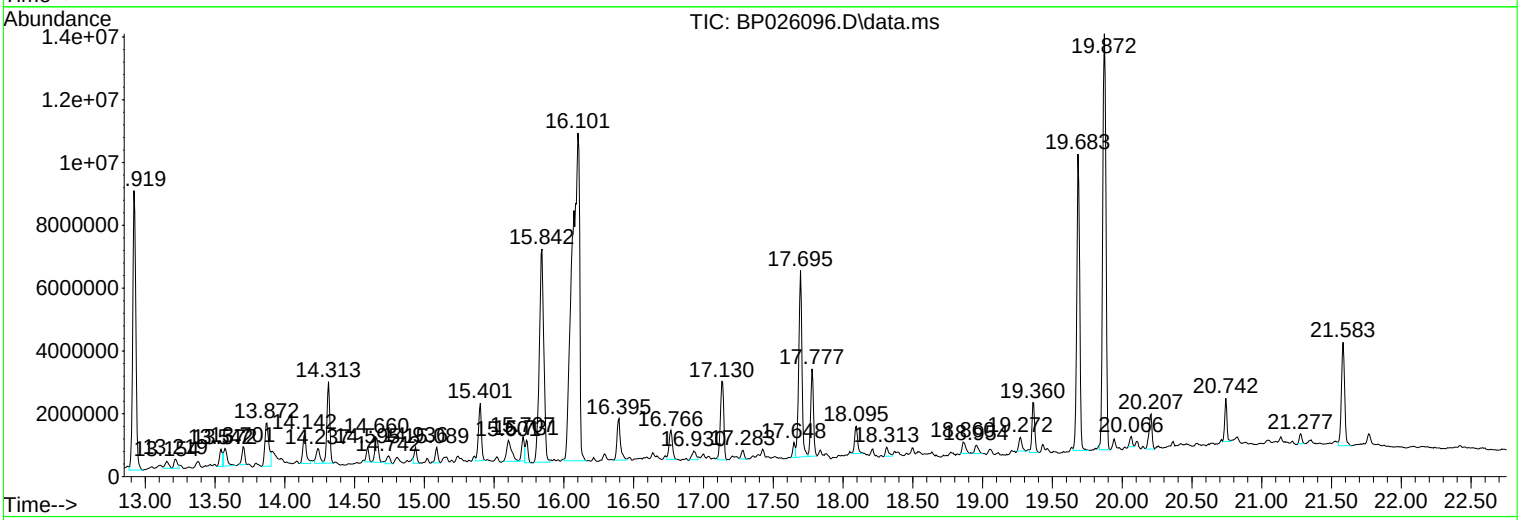
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

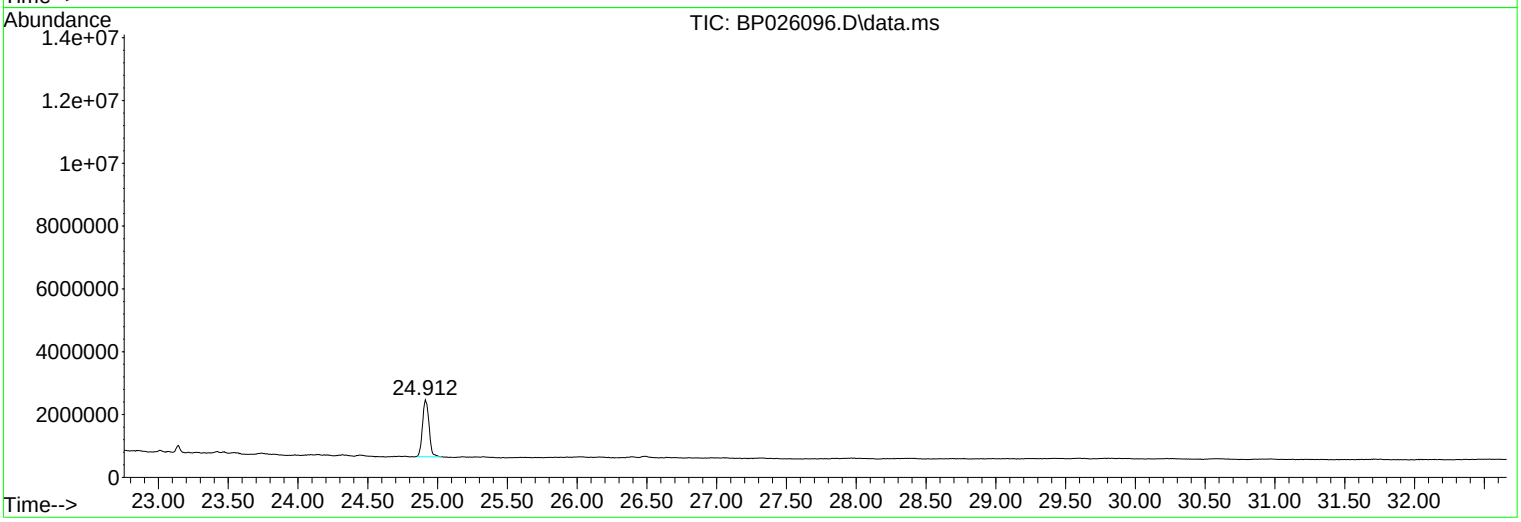
Instrument :
BNA_P
ClientSampleId :
MW-12

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







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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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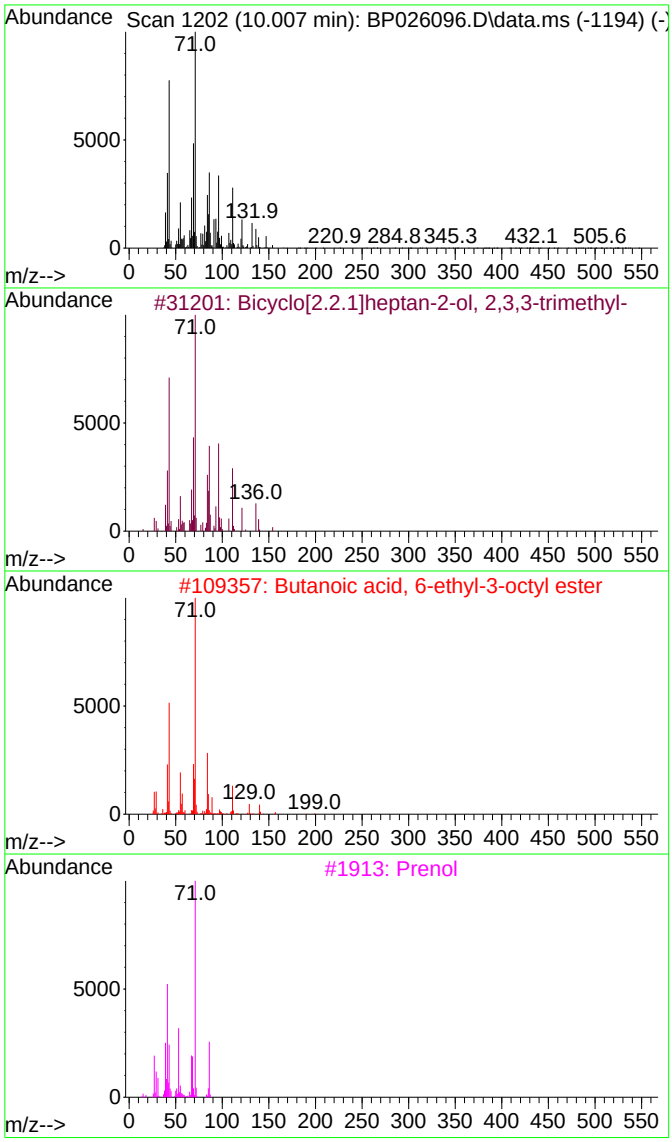
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

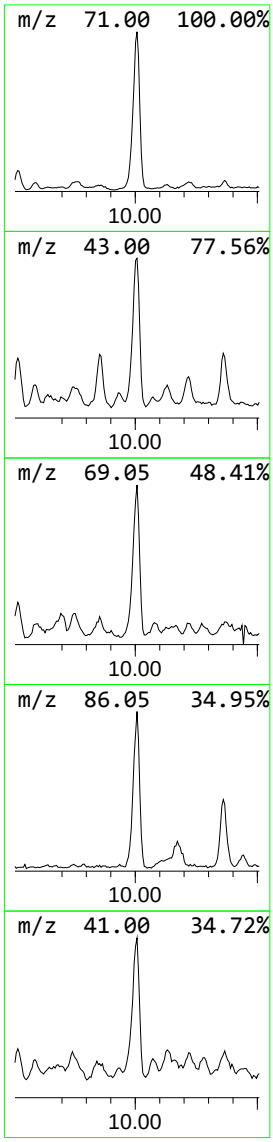
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.007	10.14 ng	1382570	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	96
2	Butanoic acid, 6-ethyl-3-octyl e...	228	C14H28O2	1000282-60-1	43
3	Prenol	86	C5H10O	000556-82-1	43
4	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	38
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	35





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Sample : Q3569-02
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

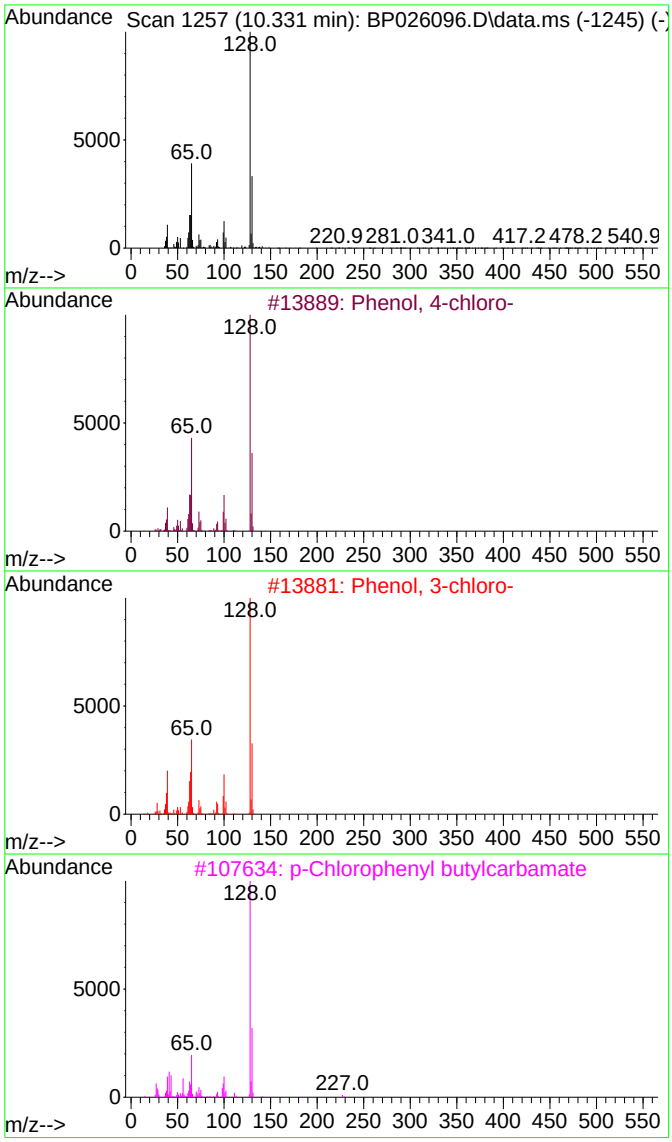
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

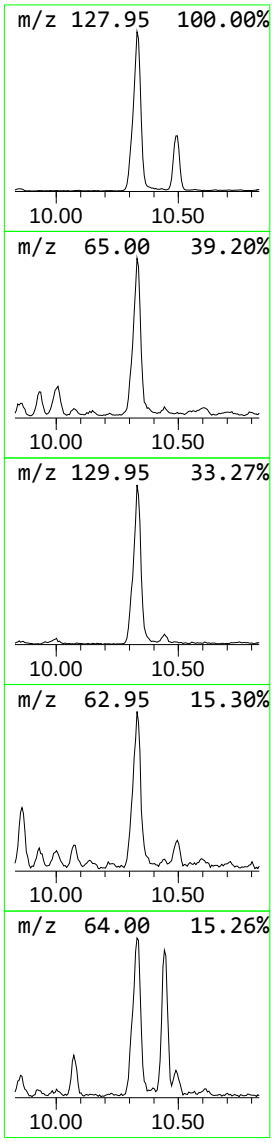
****

Peak Number 5 Phenol, 4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.331	10.25 ng	1396640	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	97
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	94
3	p-Chlorophenyl butylcarbamate	227	C11H14ClNO2	132905-93-2	83
4	p-Chlorophenyl N-(cyanomethyl)ca...	210	C9H7ClN2O2	1000240-68-8	38
5	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	38





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Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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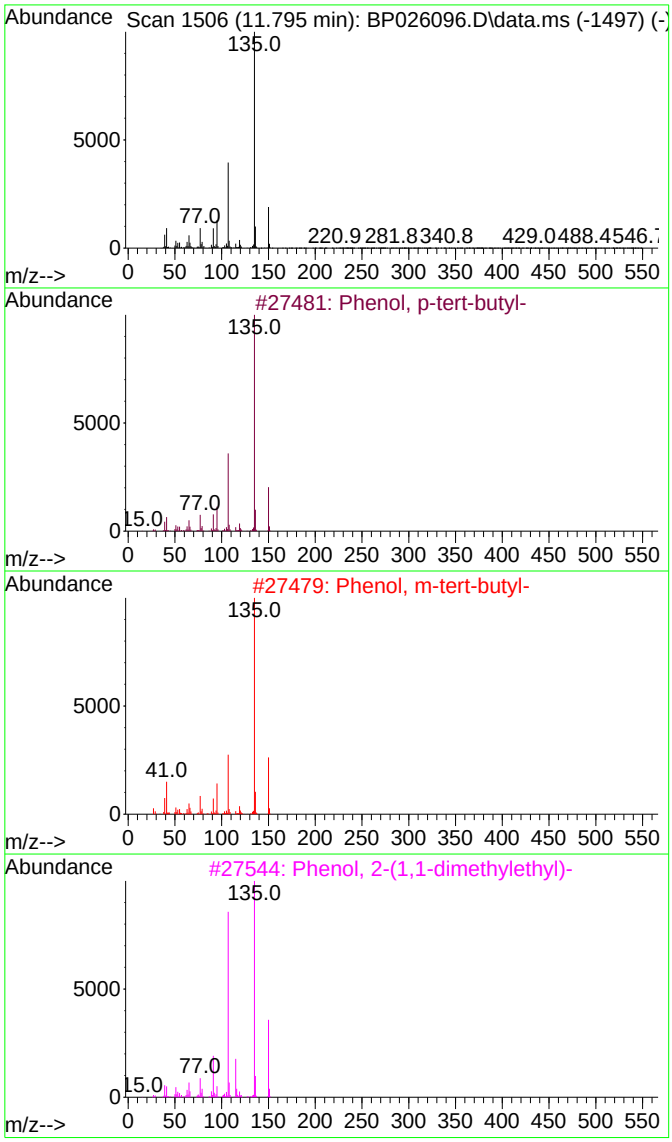
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

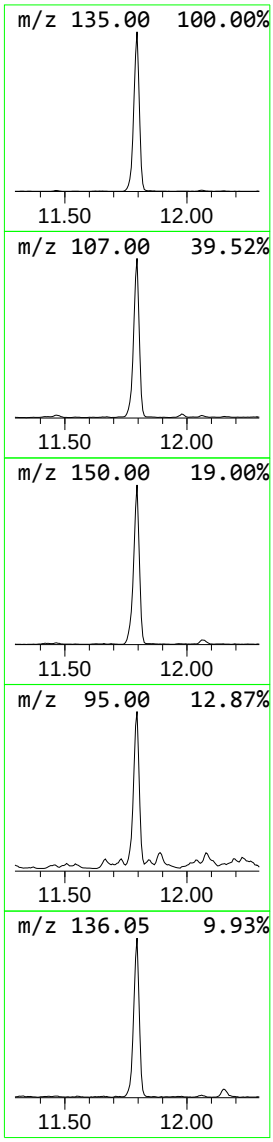
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.796	37.44 ng	5103880	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	74
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	58
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	52





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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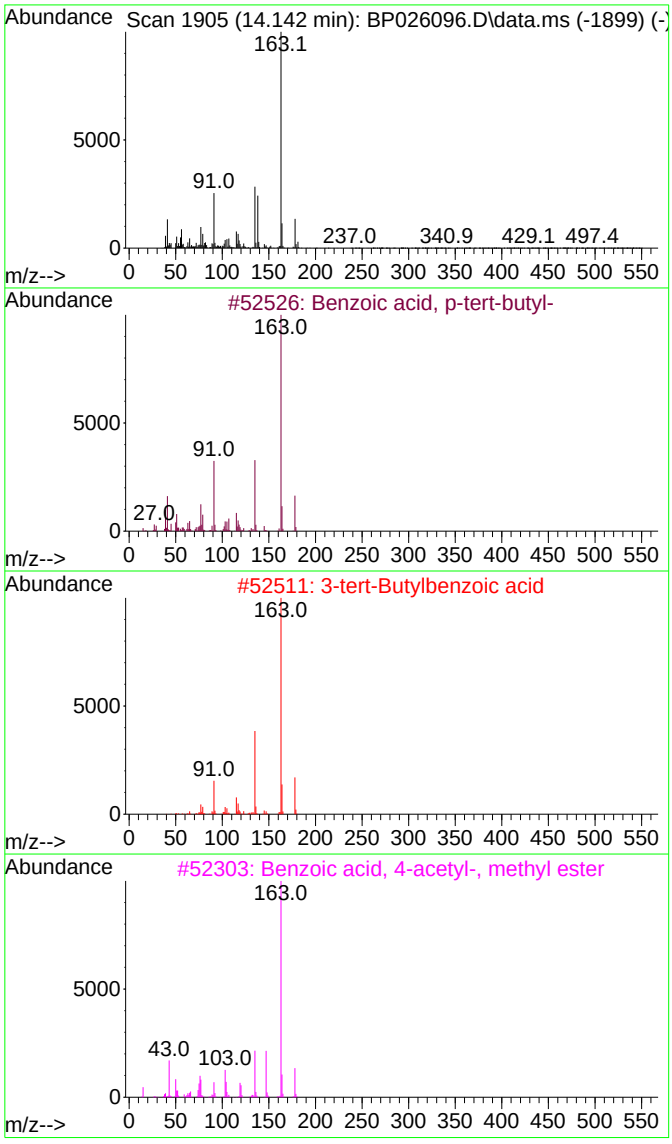
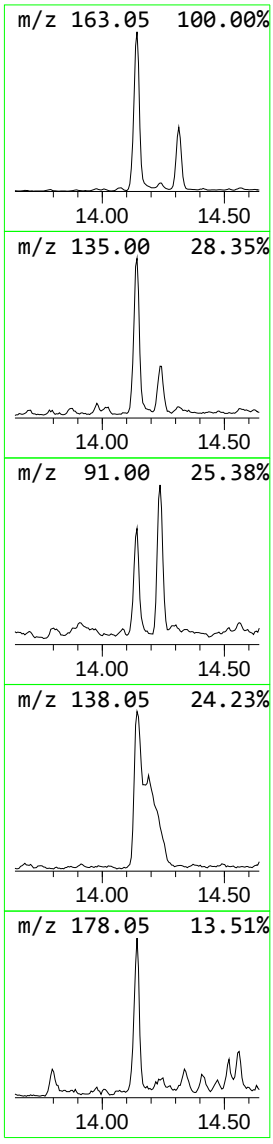
Peak Number 8 Benzoic acid, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.142	8.65 ng	1628460	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	95
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	76
3	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	58
4	Terephthalaldehyde mono-(diethyl...	208	C12H16O3	081172-89-6	53
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	53





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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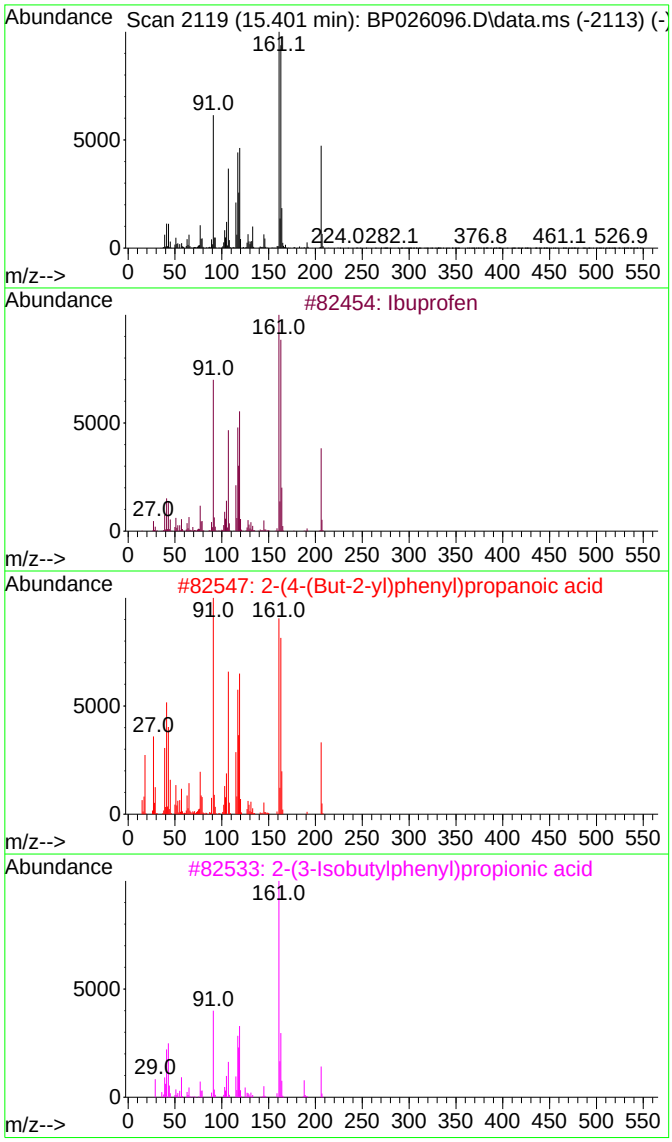
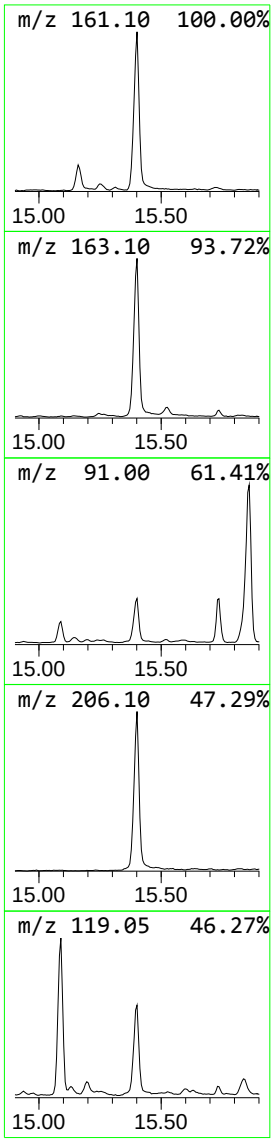
Peak Number 10 Ibuprofen Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	14.48 ng	2725660	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	99
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	87
3	2-(3-Isobutylphenyl)propionic acid	206	C13H18O2	066622-47-7	50
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	38
5	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	38





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Sample : Q3569-02
Misc :
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Instrument :
BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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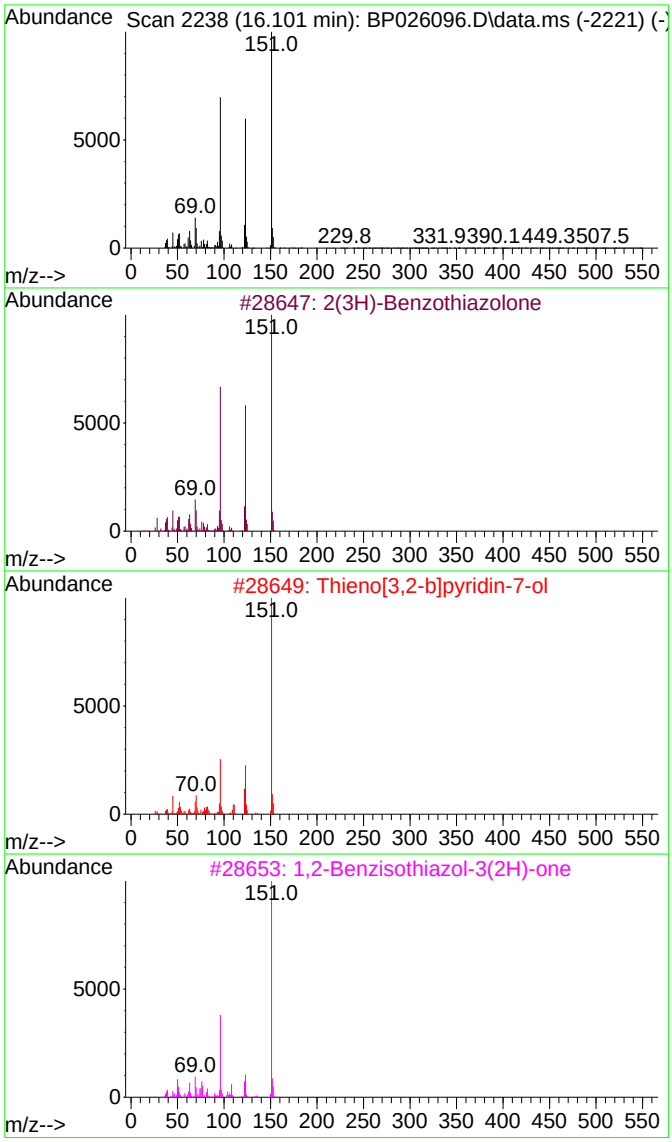
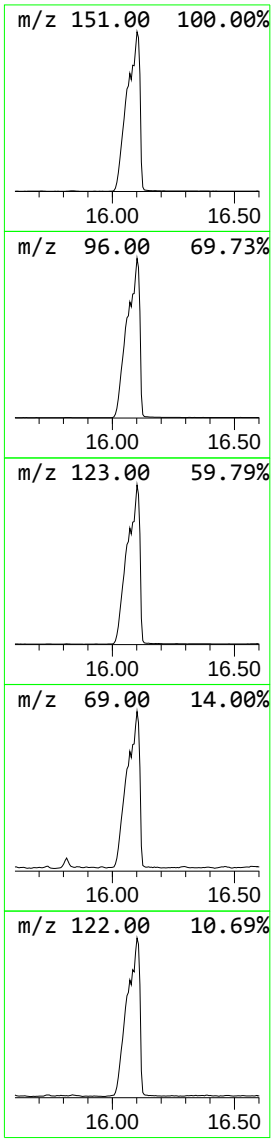
Peak Number 12 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.101	186.80 ng	38628600	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	72
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	52
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	40





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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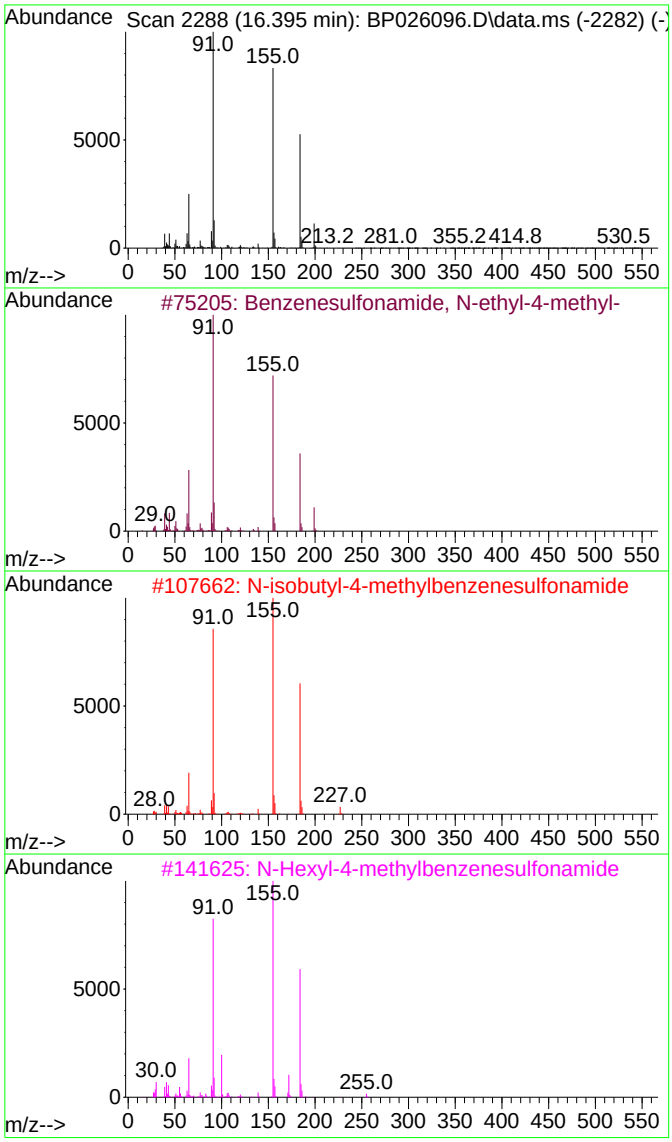
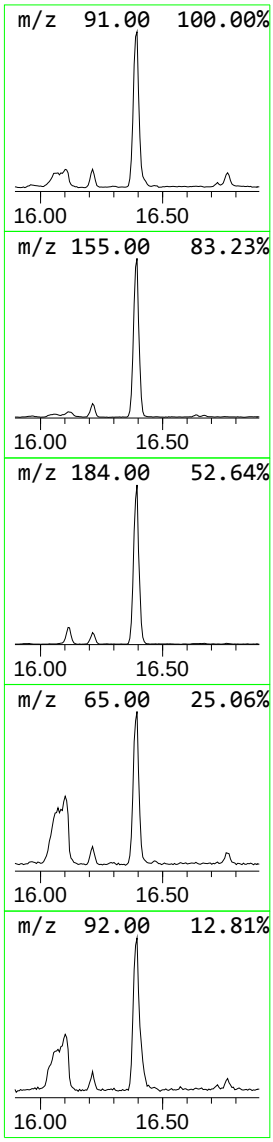
Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.395	11.28 ng	2331940	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	87
3	N-Hexyl-4-methylbenzenesulfonamide	255	C13H21NO2S	001143-01-7	86
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
5	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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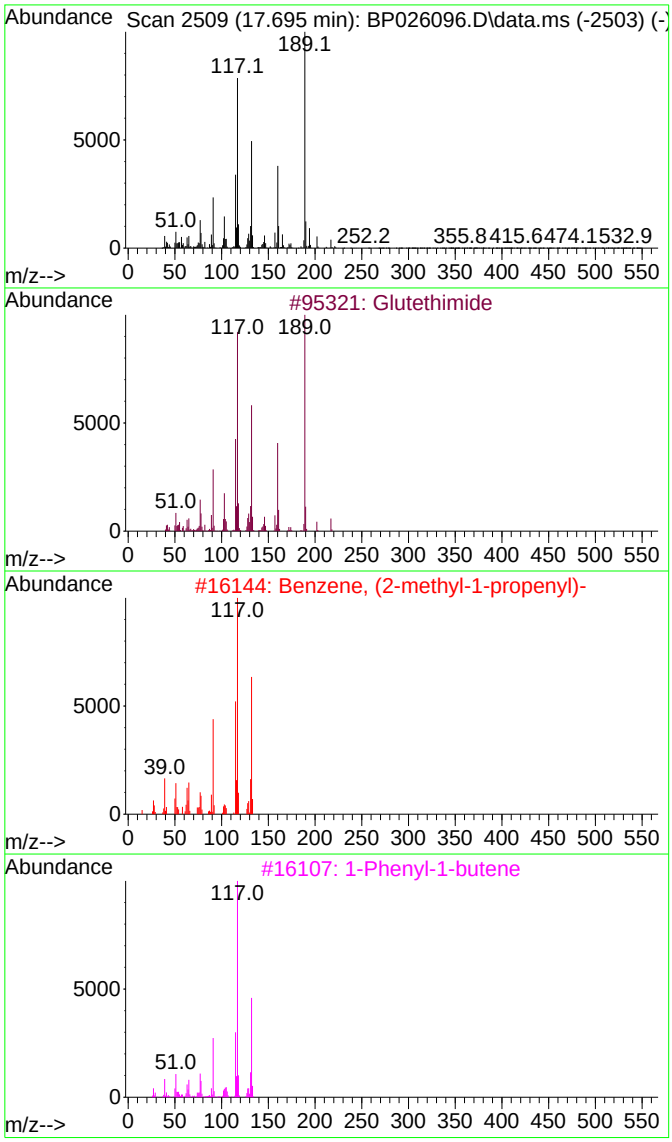
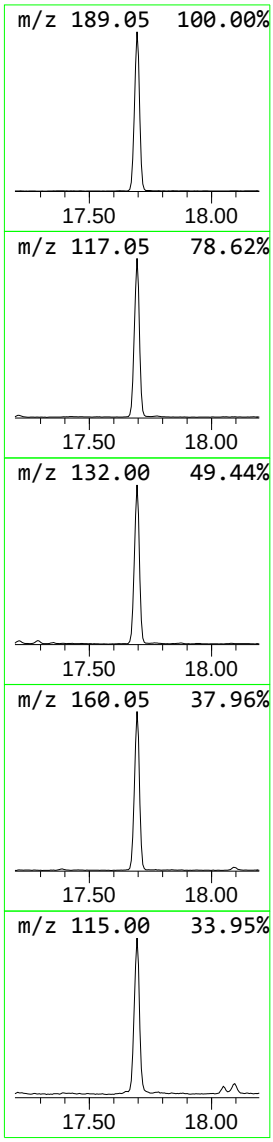
Peak Number 15 Glutethimide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.695	46.49 ng	9614070	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutethimide	217	C13H15NO2	000077-21-4	99
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	89
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





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Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-12

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

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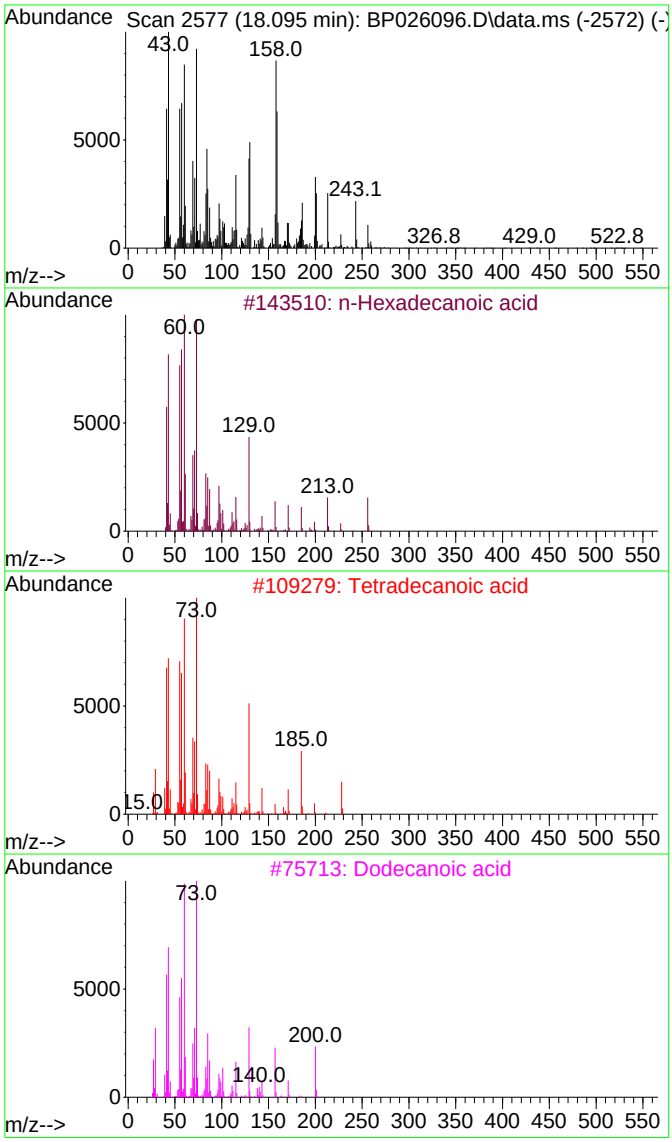
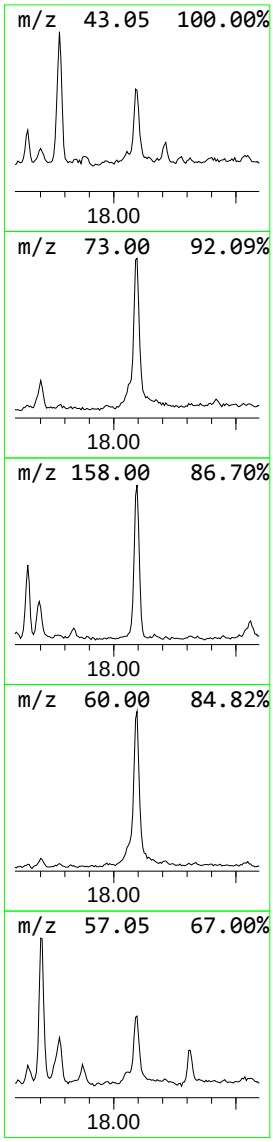
Peak Number 17 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	6.48 ng	1339110	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	1H-Indole-3-carboxaldehyde, 7-me...	159	C10H9NO	004771-50-0	38
5	1H-Indole-3-carboxaldehyde, 2-me...	159	C10H9NO	005416-80-8	38





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Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

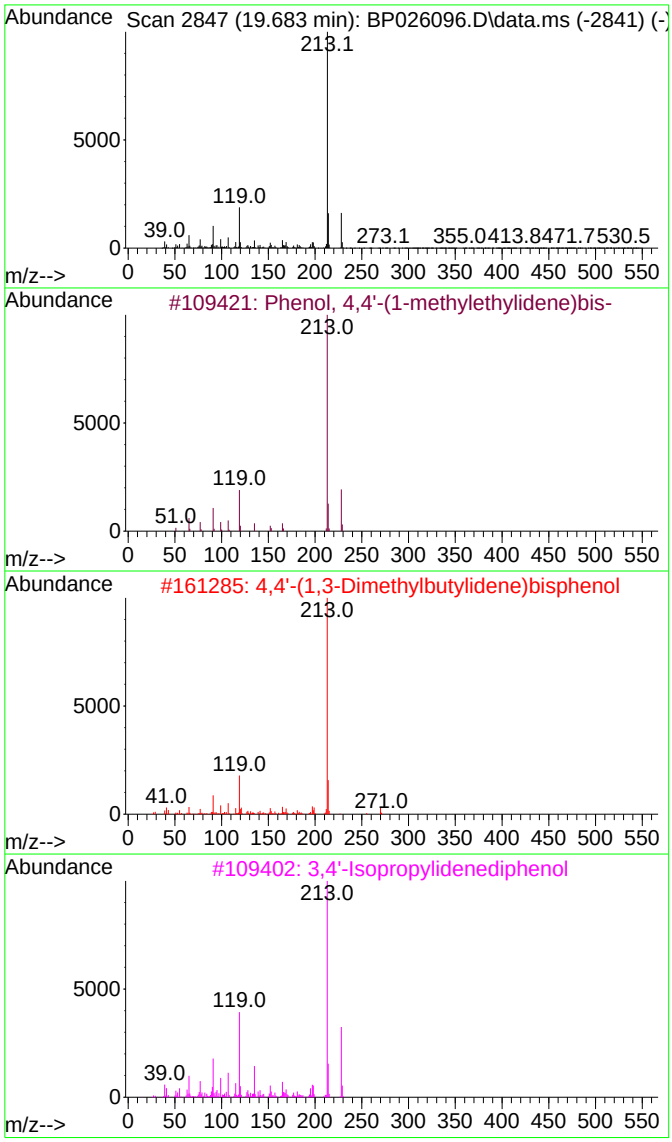
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

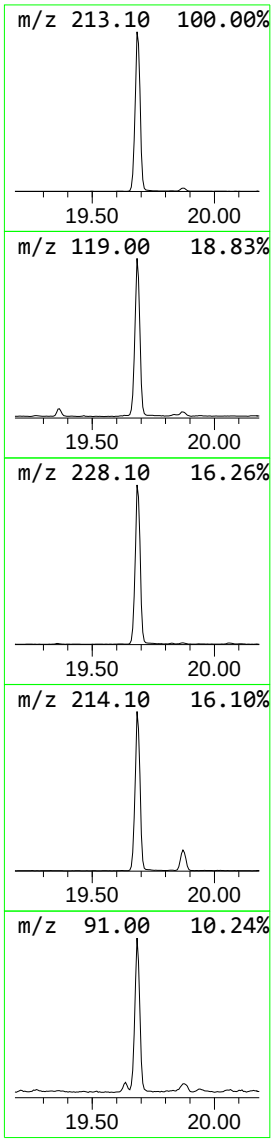
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	51.20 ng	13490600	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	70
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
5	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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
Bicyclo[2.2.1]h...	10.007	10.1	ng	1382570	2	10.443	2726100	20.0
Phenol, 4-chloro-	10.331	10.3	ng	1396640	2	10.443	2726100	20.0
Phenol, p-tert-...	11.796	37.4	ng	5103880	2	10.443	2726100	20.0
Benzoic acid, p...	14.142	8.7	ng	1628460	3	14.313	3764110	20.0
Ibuprofen	15.401	14.5	ng	2725660	3	14.313	3764110	20.0
2(3H)-Benzothia...	16.101	186.8	ng	38628600	4	17.131	4135760	20.0
Benzenesulfonam...	16.395	11.3	ng	2331940	4	17.131	4135760	20.0
Glutethimide	17.695	46.5	ng	9614070	4	17.131	4135760	20.0
n-Hexadecanoic ...	18.095	6.5	ng	1339110	4	17.131	4135760	20.0
Phenol, 4,4'-(1...	19.683	51.2	ng	13490600	5	21.583	5270290	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026116.D
Acq On : 12 Nov 2025 17:17
Operator : RC/JU
Sample : Q3569-02DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Quant Time: Nov 12 17:45:07 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

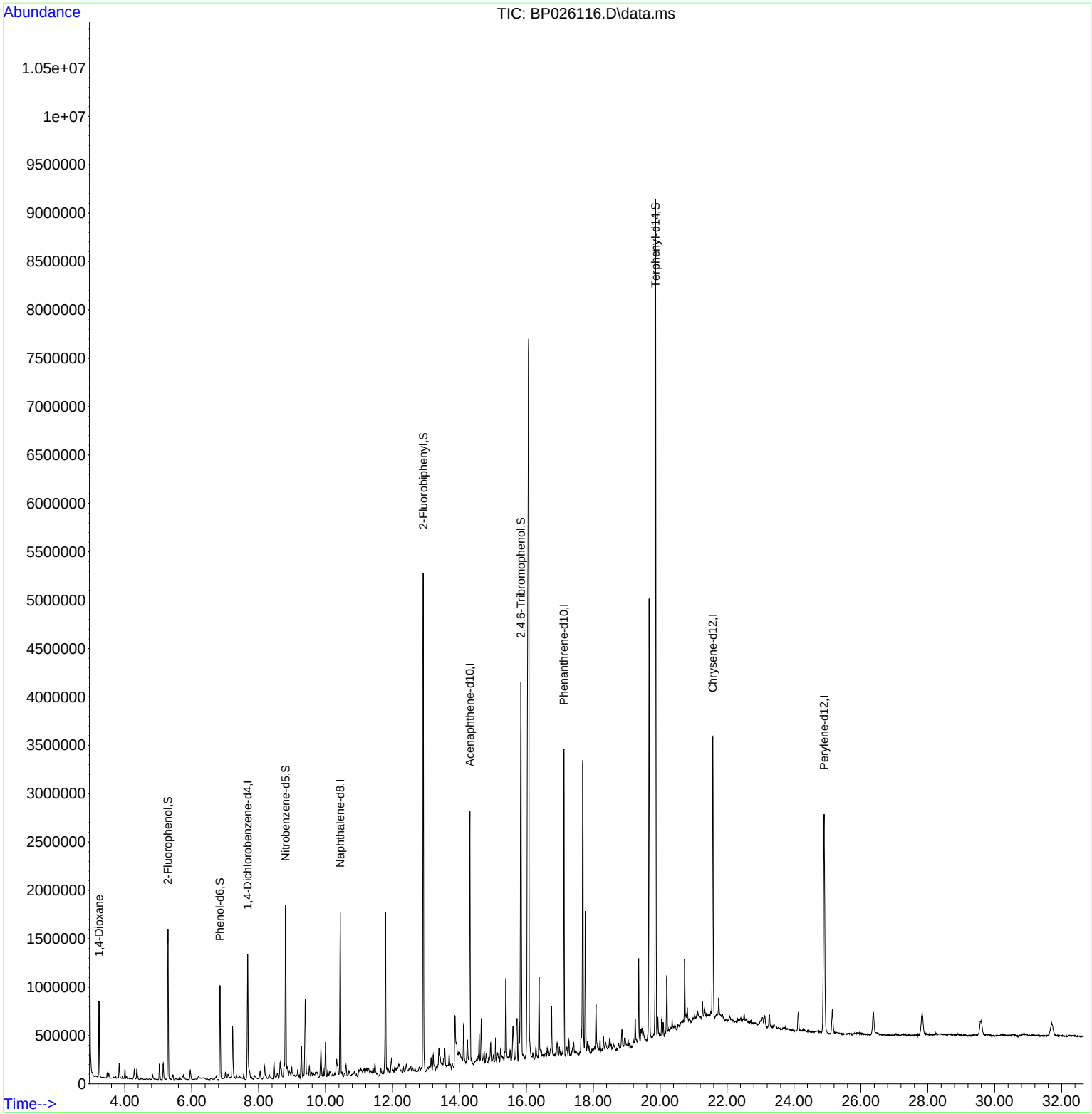
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345995	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1363084	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	867470	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1776019	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2024264	20.000	ng	0.01
86) Perylene-d12	24.901	264	2316393	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	694133	33.104	ng	0.00
7) Phenol-d6	6.843	99	589370	22.083	ng	-0.01
23) Nitrobenzene-d5	8.807	82	1015470	46.442	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	767097	81.796	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2533981	41.974	ng	-0.01
79) Terphenyl-d14	19.866	244	4202650	42.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	379701	42.955	ng	97

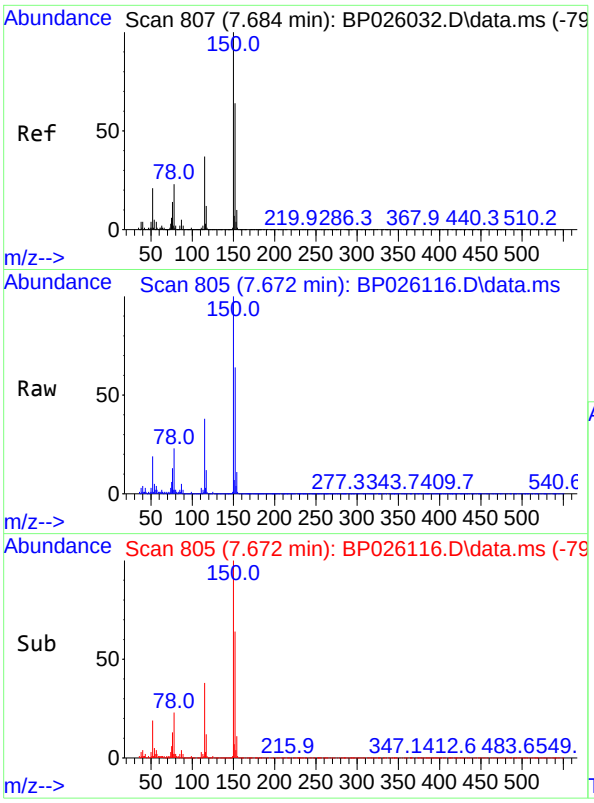
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026116.D
Acq On : 12 Nov 2025 17:17
Operator : RC/JU
Sample : Q3569-02DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Quant Time: Nov 12 17:45:07 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



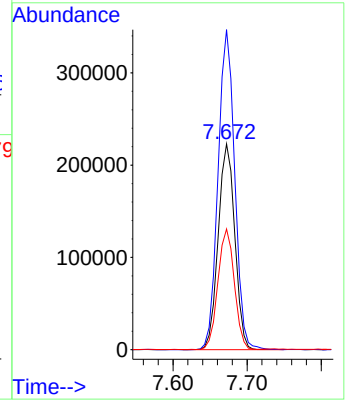


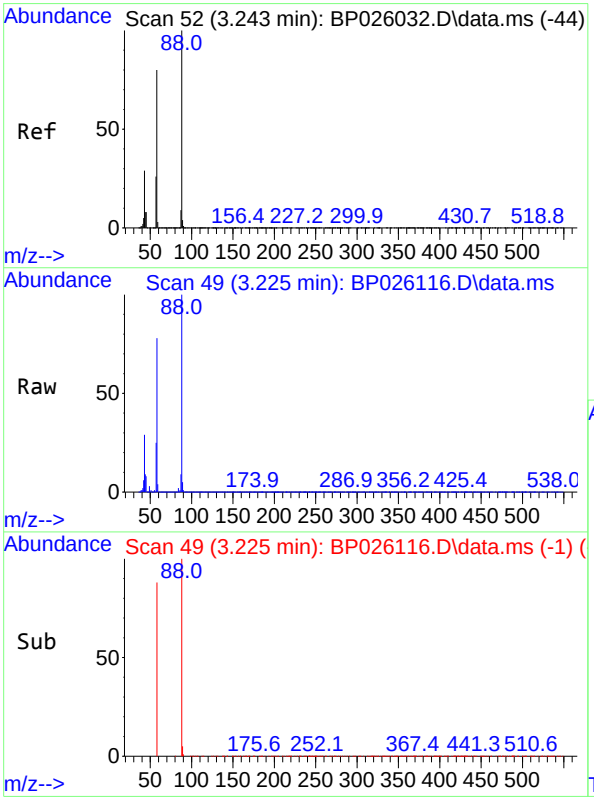
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 345995

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.7	46.4	69.6

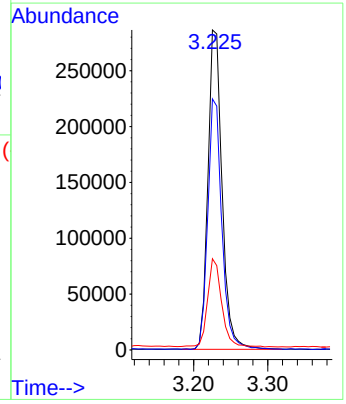


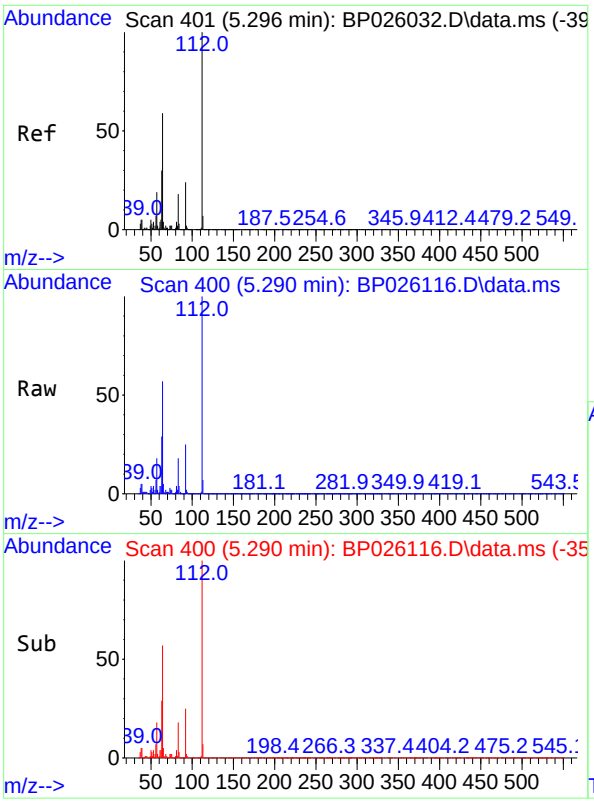


#2
1,4-Dioxane
Concen: 42.955 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 88 Resp: 379701

Ion	Ratio	Lower	Upper
88	100		
58	78.4	65.4	98.0
43	27.6	23.1	34.7



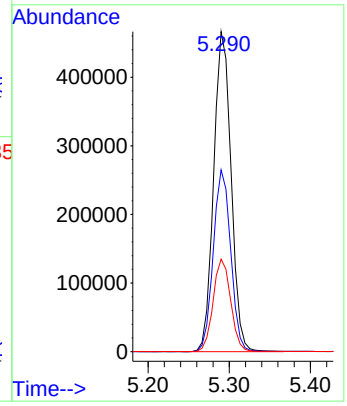


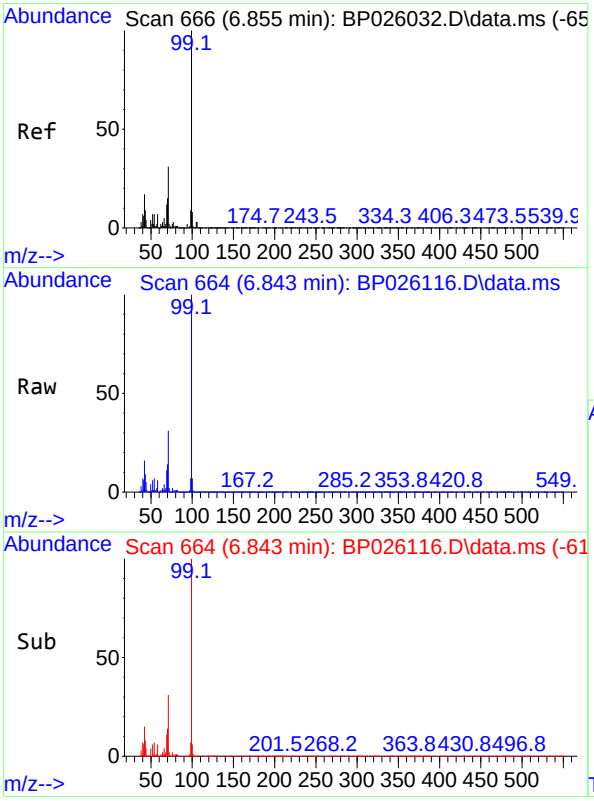
#5
2-Fluorophenol
Concen: 33.104 ng
RT: 5.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:112 Resp: 694133

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.4	71.2
63	28.9	24.2	36.4

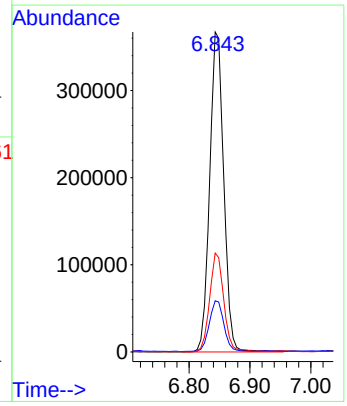


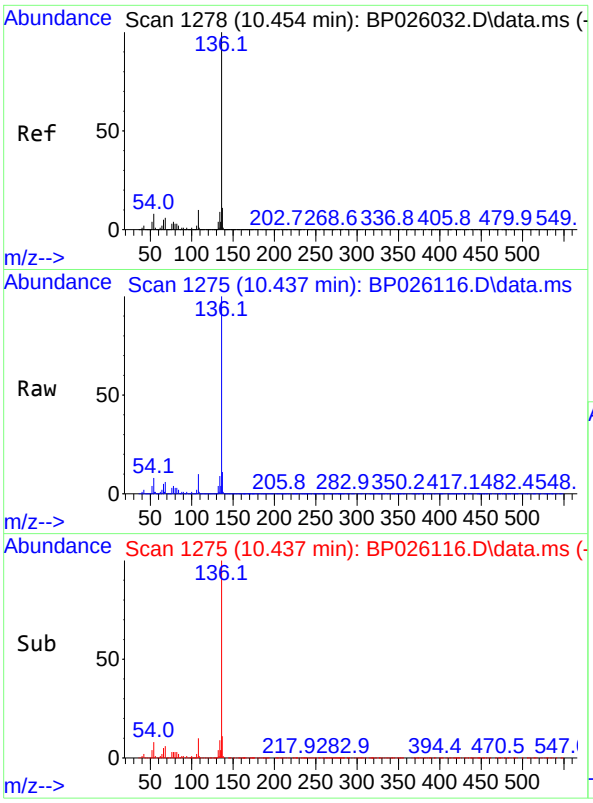


#7
Phenol-d6
Concen: 22.083 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 99 Resp: 589370

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.9	24.4	36.6



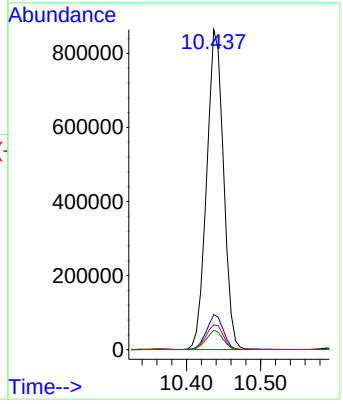


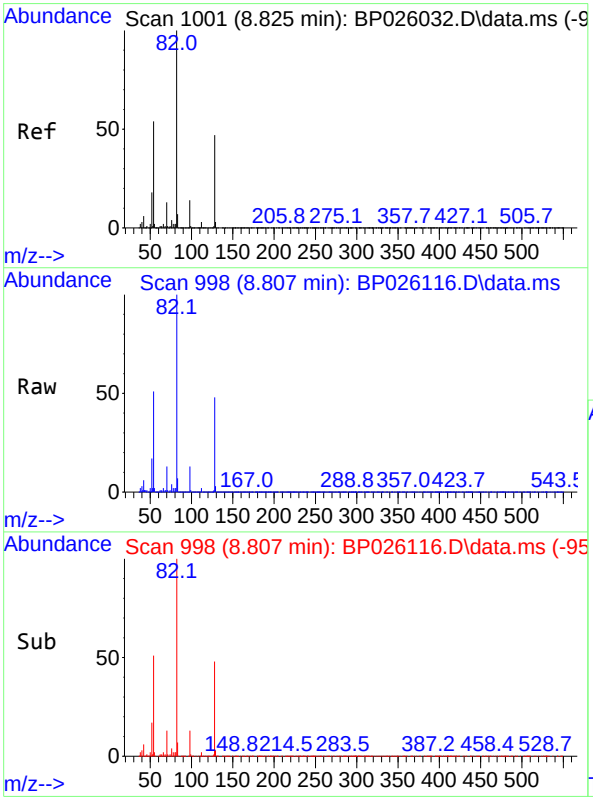
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:136 Resp: 1363084

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.6	10.0
68	6.1	4.7	7.1

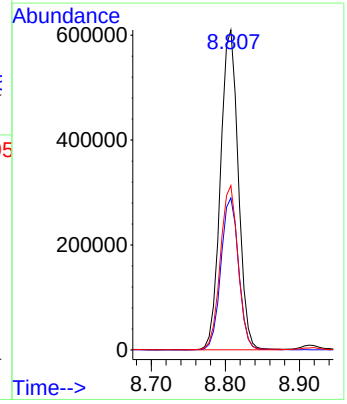


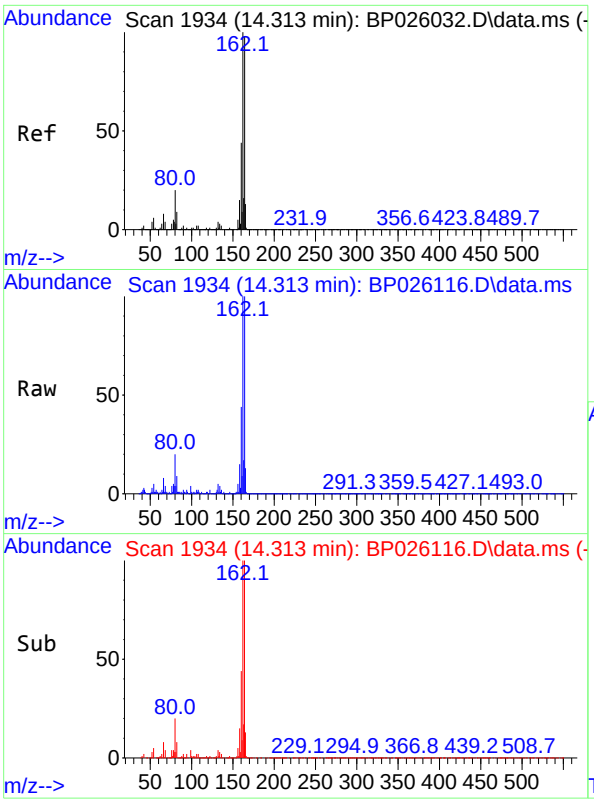


#23
Nitrobenzene-d5
Concen: 46.442 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 82 Resp: 1015470

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.4	42.7	64.1



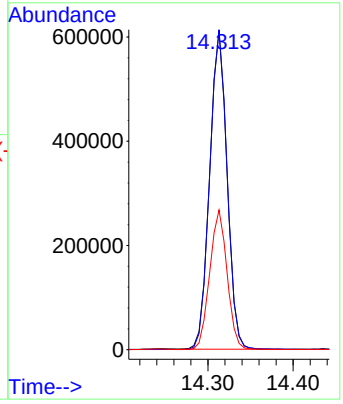


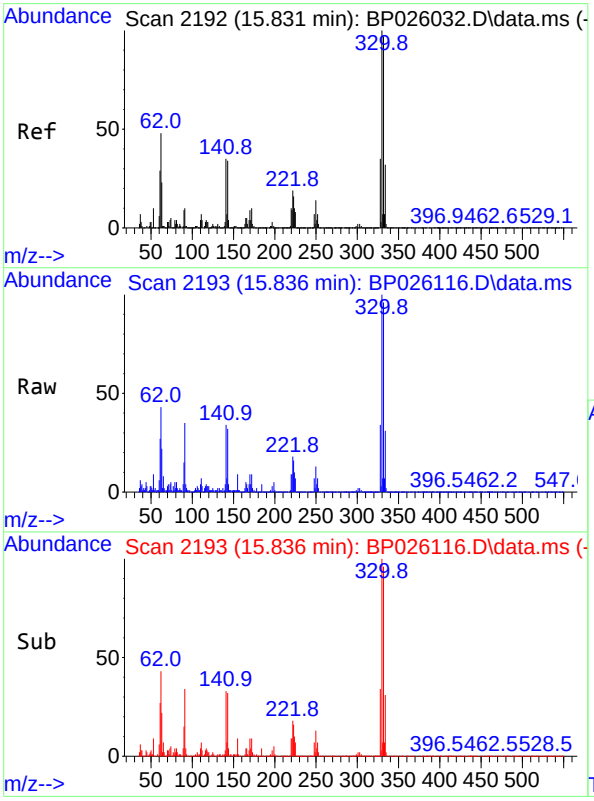
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:164 Resp: 867470

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.5	122.3
160	43.8	36.2	54.4

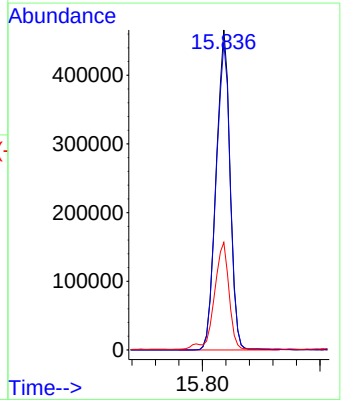


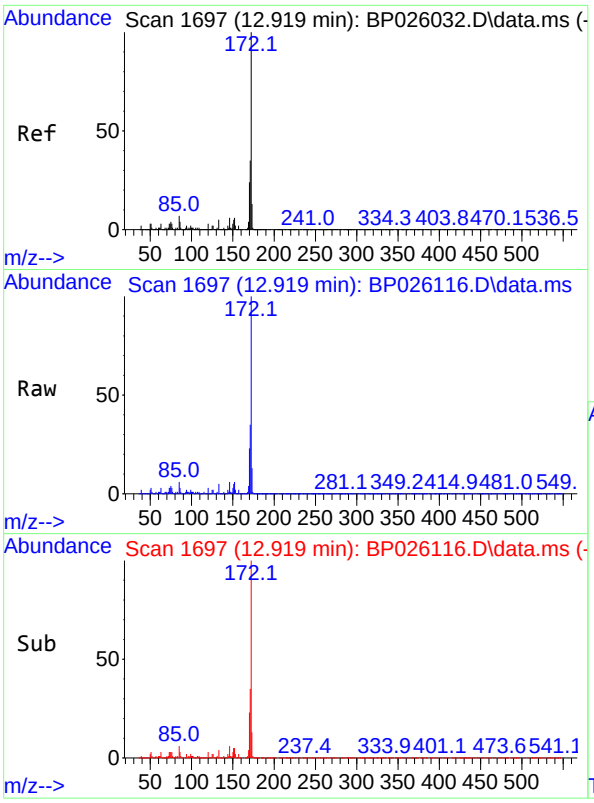


#42
2,4,6-Tribromophenol
Concen: 81.796 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:330 Resp: 767097

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	34.9	28.6	42.8



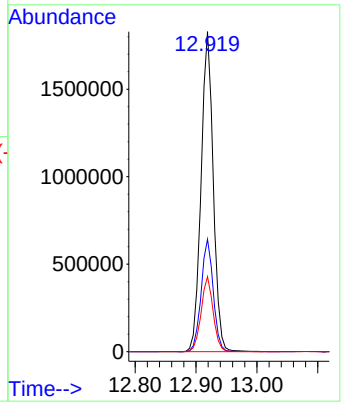


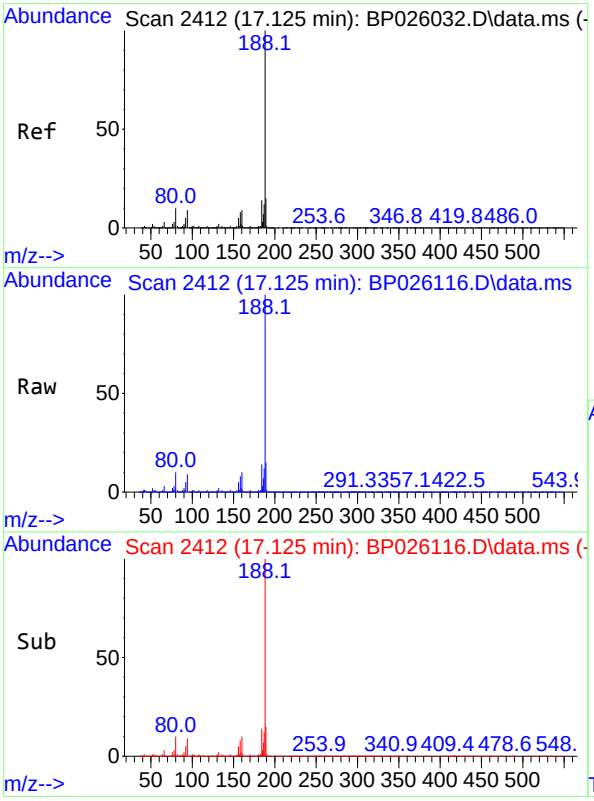
#45
2-Fluorobiphenyl
Concen: 41.974 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:172 Resp: 2533981

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.0	28.4

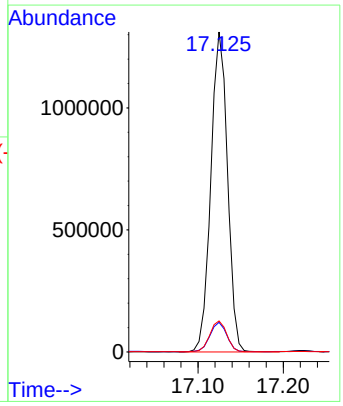


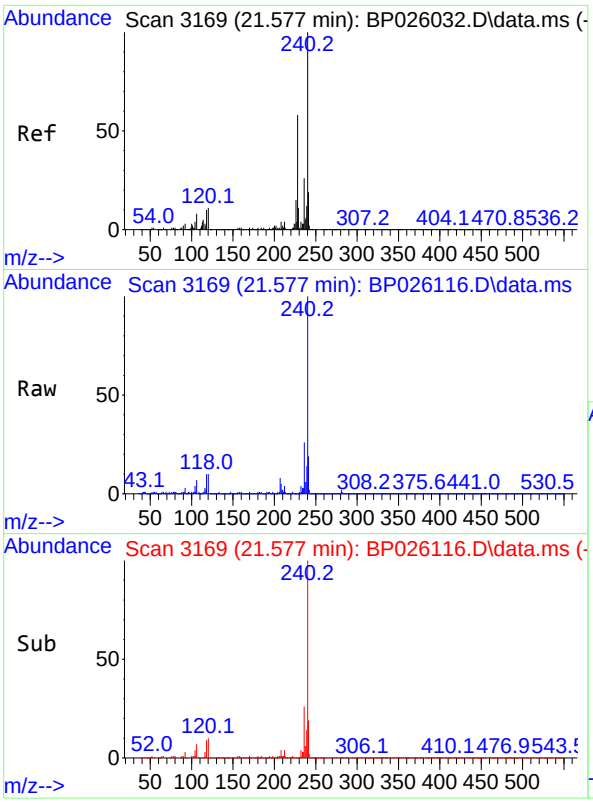


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:188 Resp: 1776019

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.7	7.9	11.9



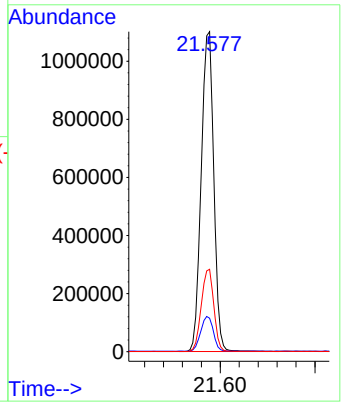


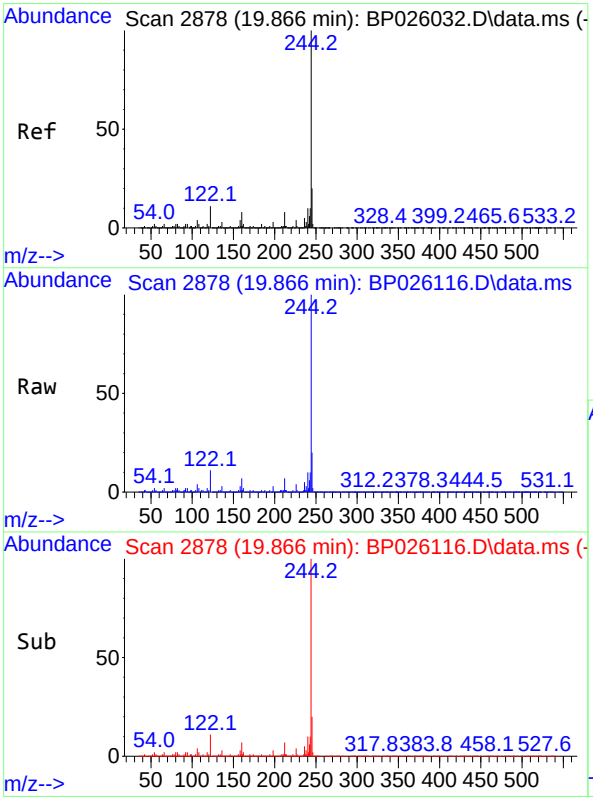
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:240 Resp: 2024264

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	20.6	31.0

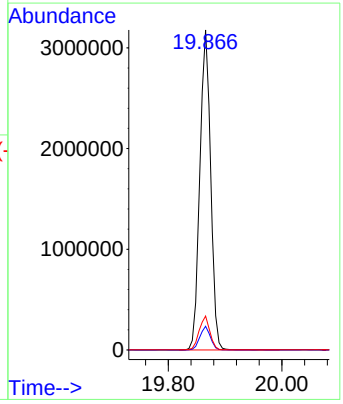


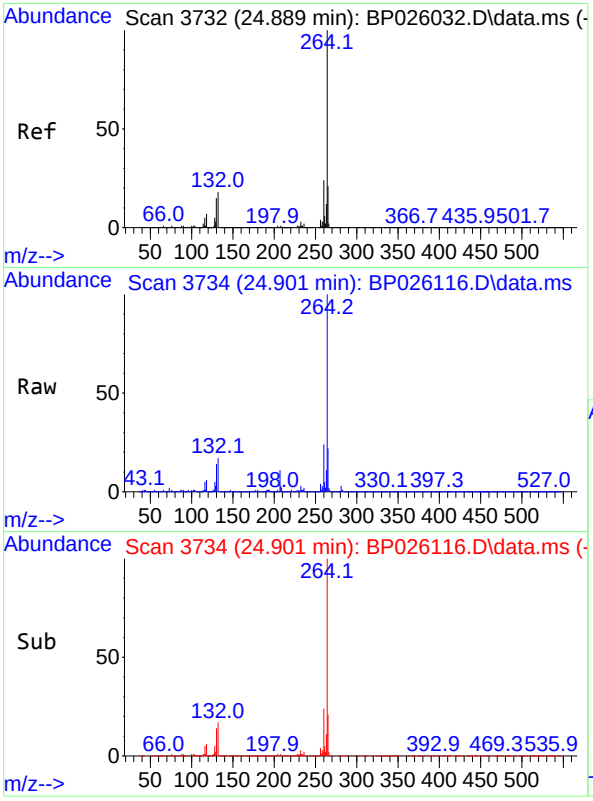


#79
Terphenyl-d14
Concen: 42.181 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:244 Resp: 4202650

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	9.0	13.6



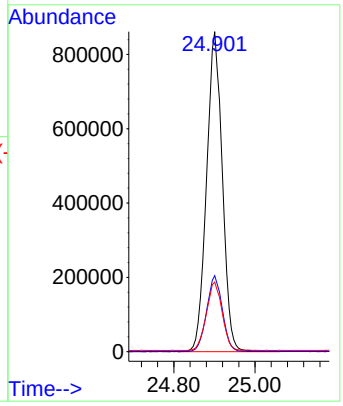


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:264 Resp: 2316393

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 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

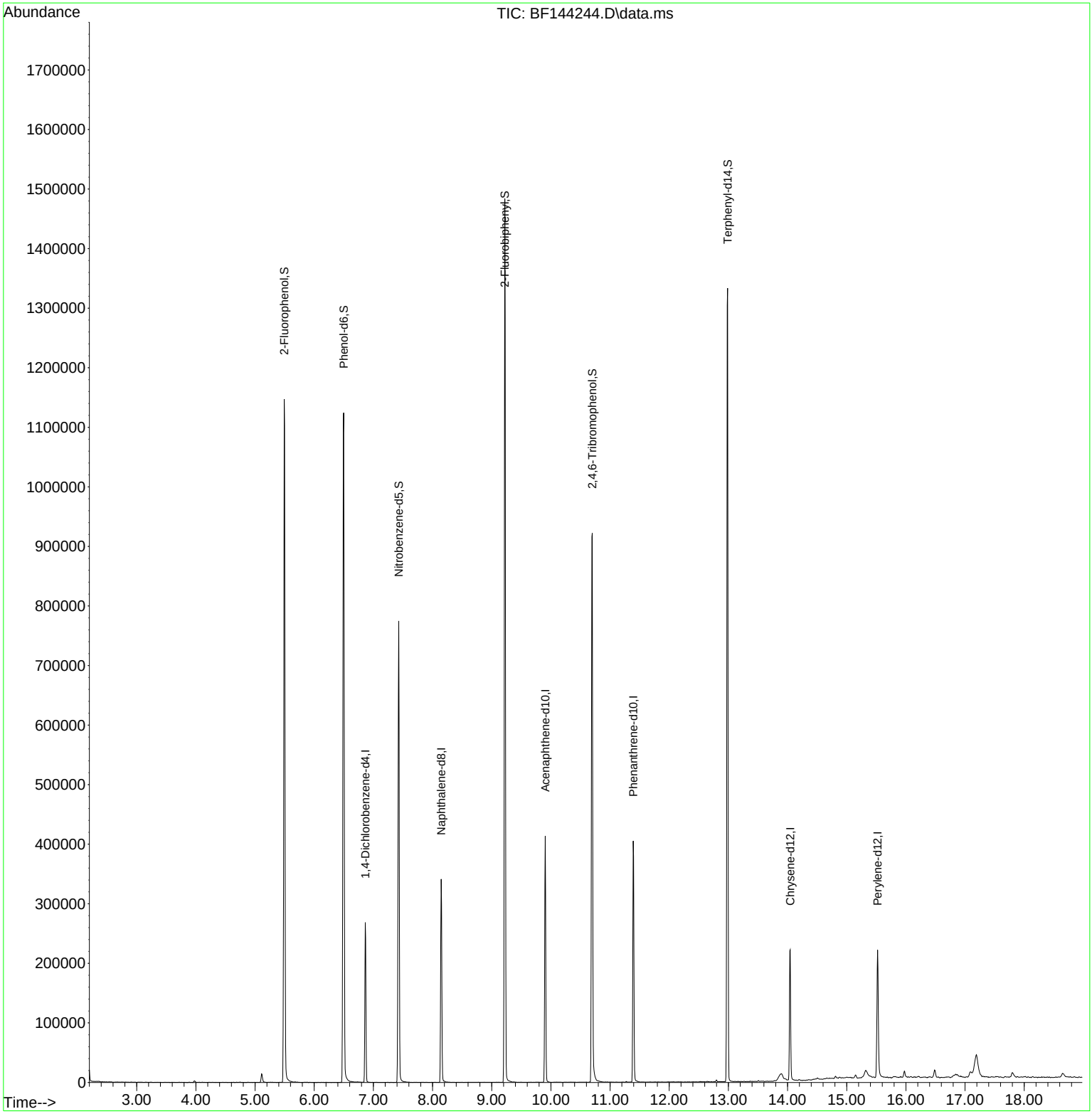
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125254	20.000	ng	0.00
86) Perylene-d12	15.521	264	146599	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	442296	118.955	ng	0.00
7) Phenol-d6	6.498	99	503178	119.434	ng	0.00
23) Nitrobenzene-d5	7.428	82	329373	84.032	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198023	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705126	80.818	ng	0.00
79) Terphenyl-d14	12.986	244	748766	94.955	ng	0.00
Target Compounds						Qvalue

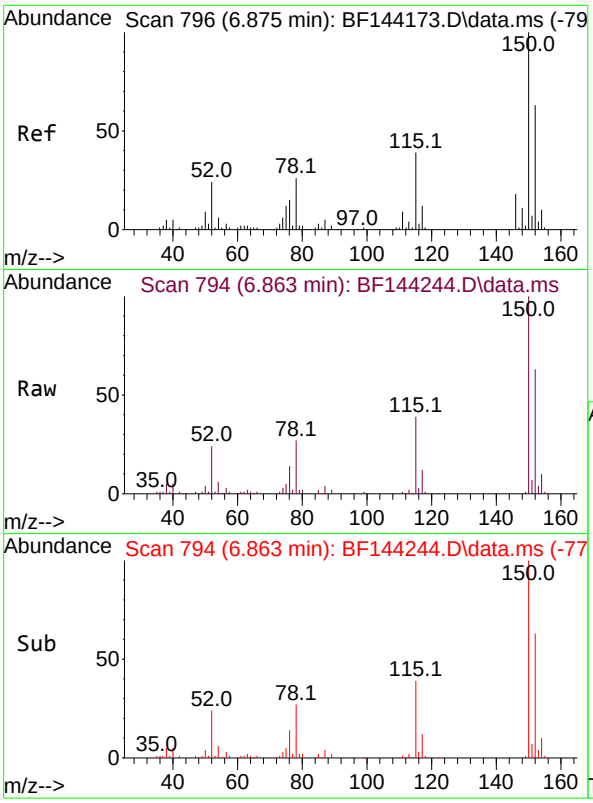
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 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



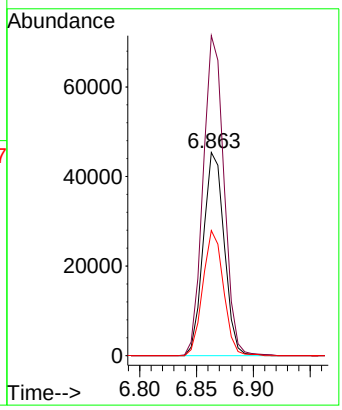


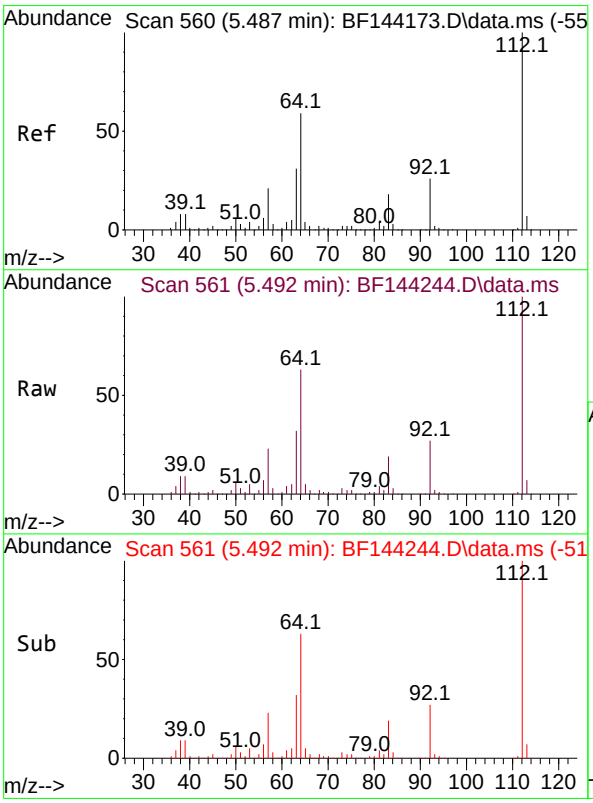
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:152 Resp: 58185

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	61.5	49.5	74.3

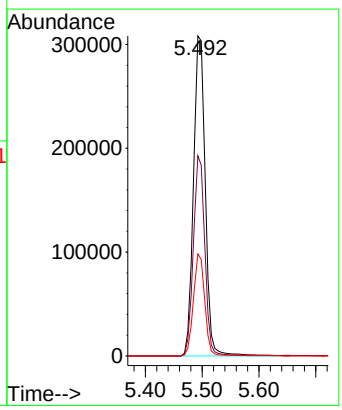


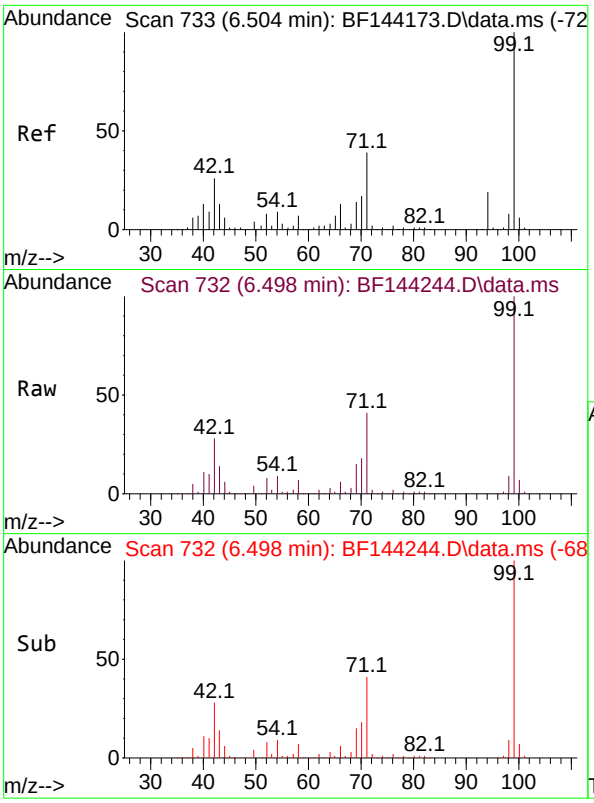


#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:112 Resp: 442296

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.2	70.8
63	31.8	24.4	36.6



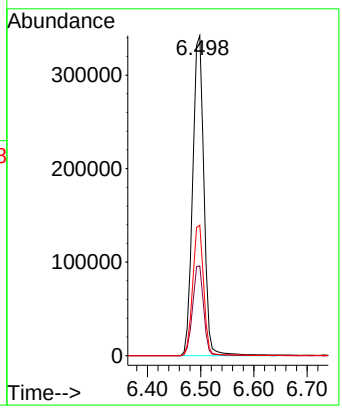


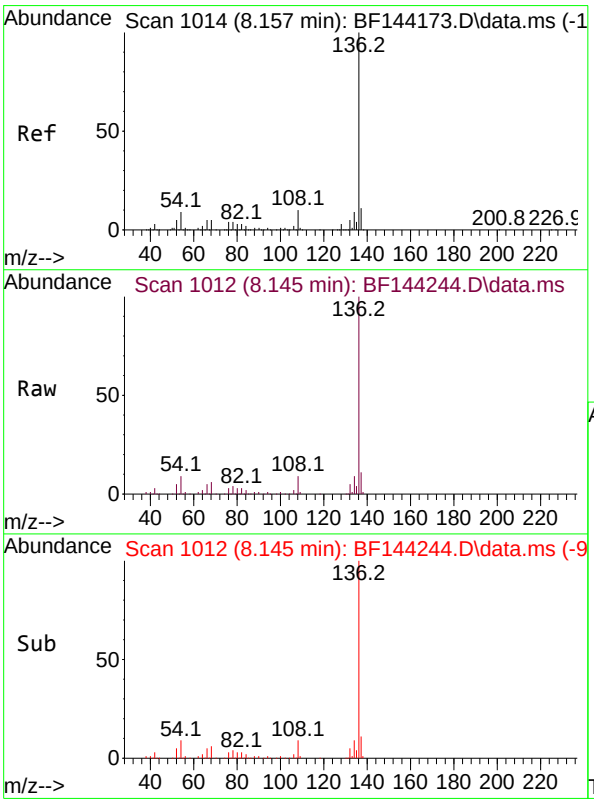
#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 99 Resp: 503178

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.9	31.3
71	40.7	31.4	47.2

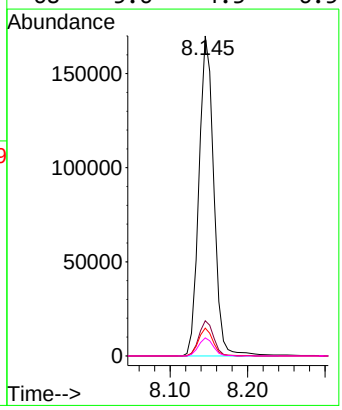


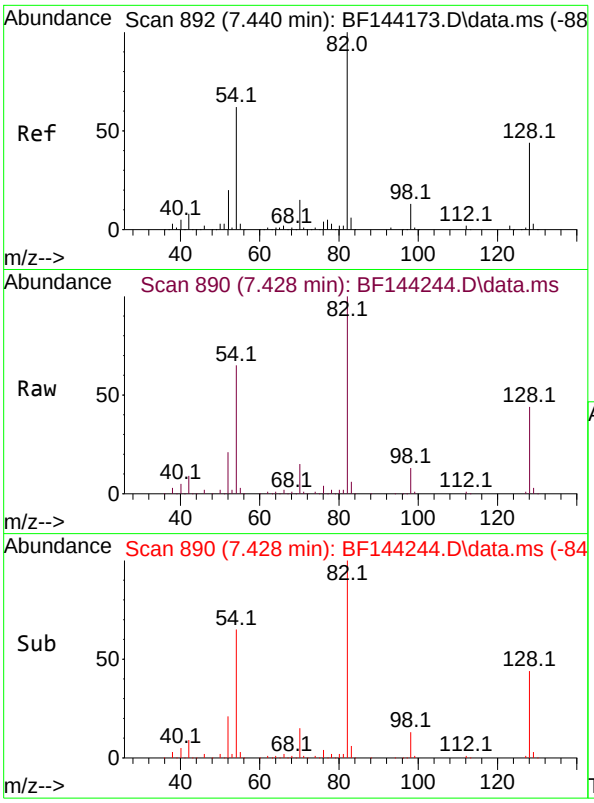


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:136 Resp: 226377

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.0	10.6
68	5.6	4.3	6.5



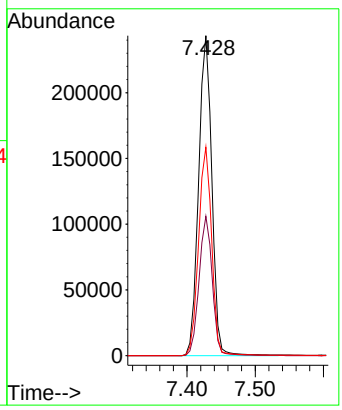


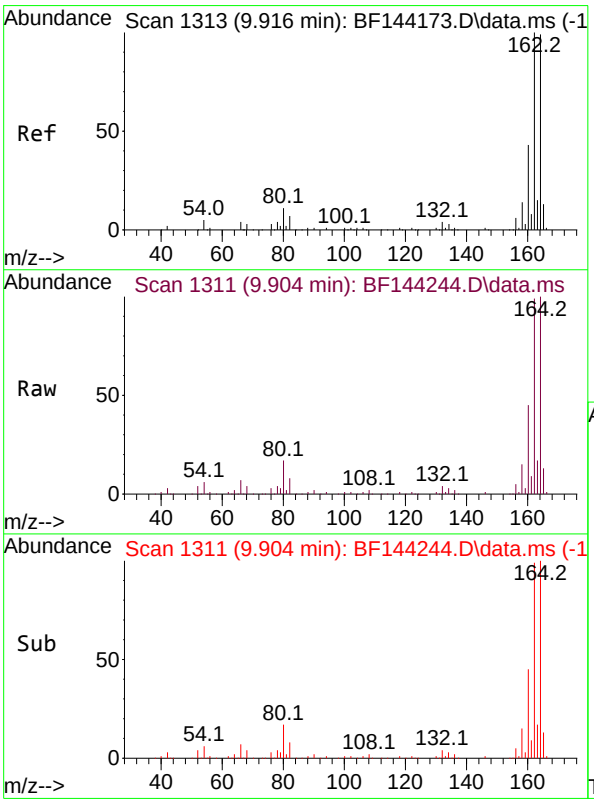
#23
Nitrobenzene-d5
Concen: 84.032 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 82 Resp: 329373

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.7	52.1
54	65.1	49.5	74.3

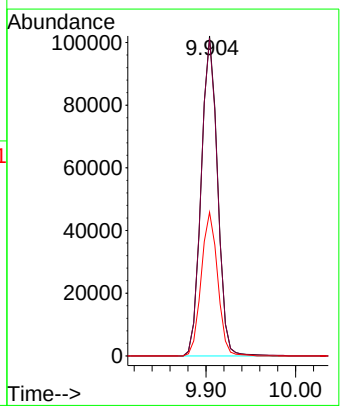


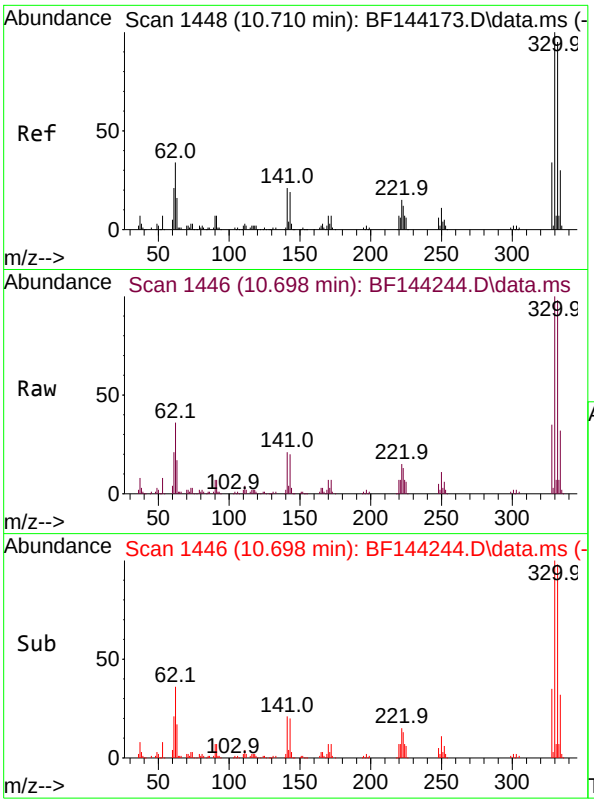


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:164 Resp: 128860

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.1	121.7
160	44.9	34.5	51.7



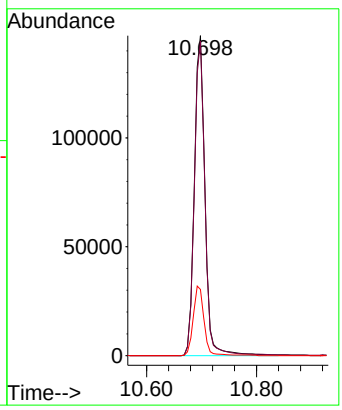


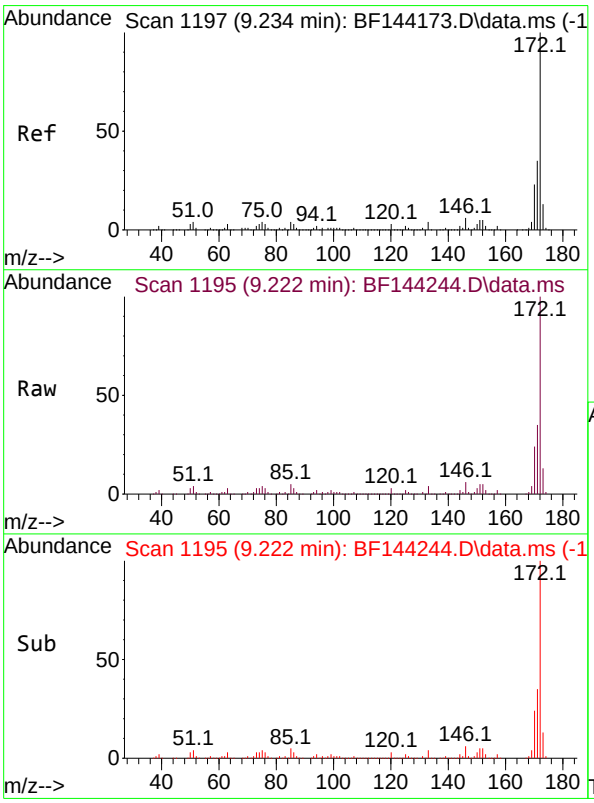
#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:330 Resp: 198023

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	22.1	17.8	26.8

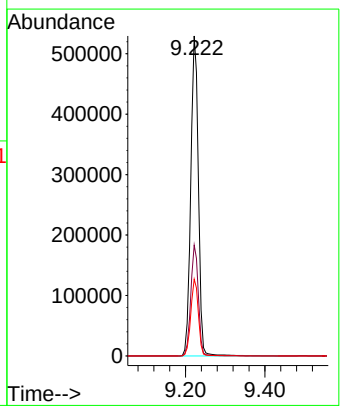


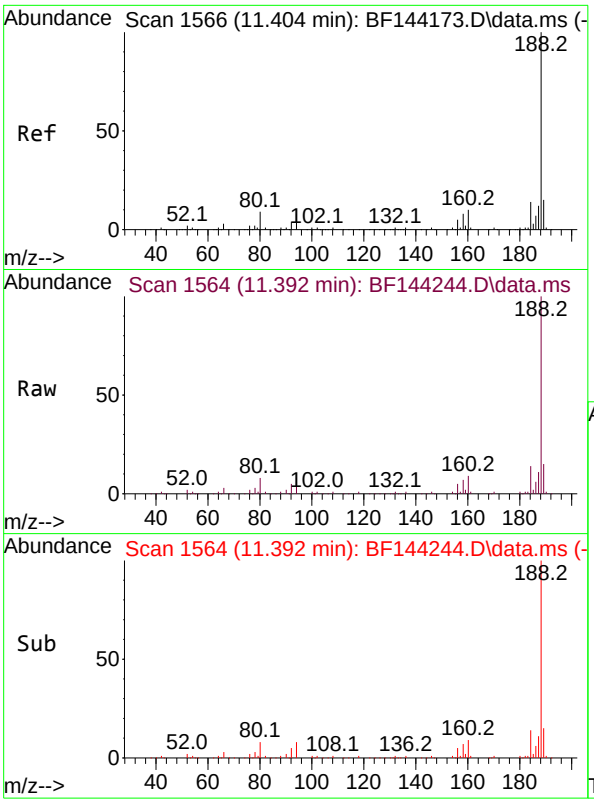


#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.0	18.6	28.0



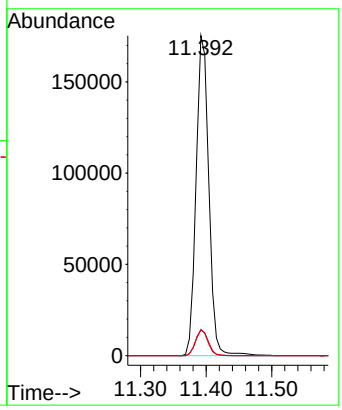


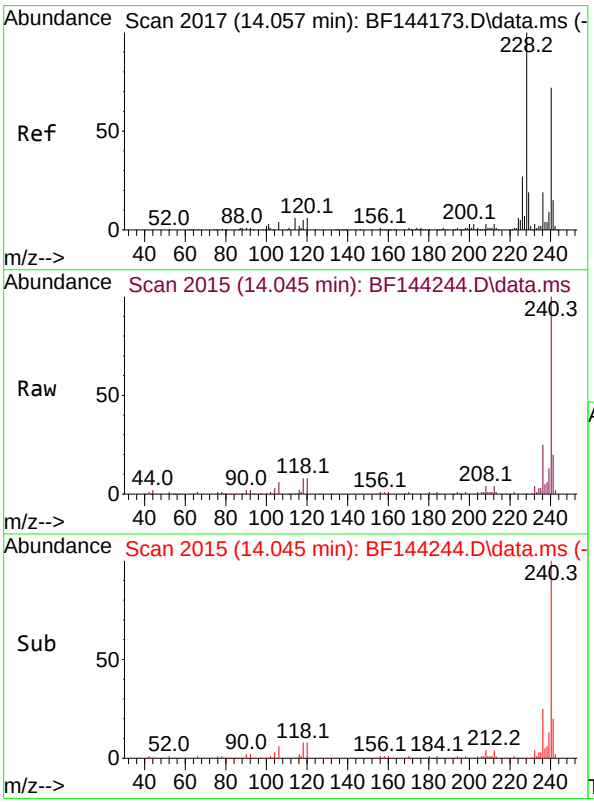
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:188 Resp: 235212

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.2	6.9	10.3

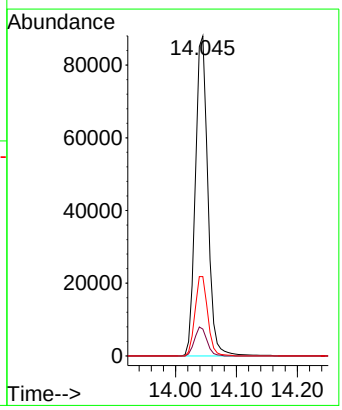


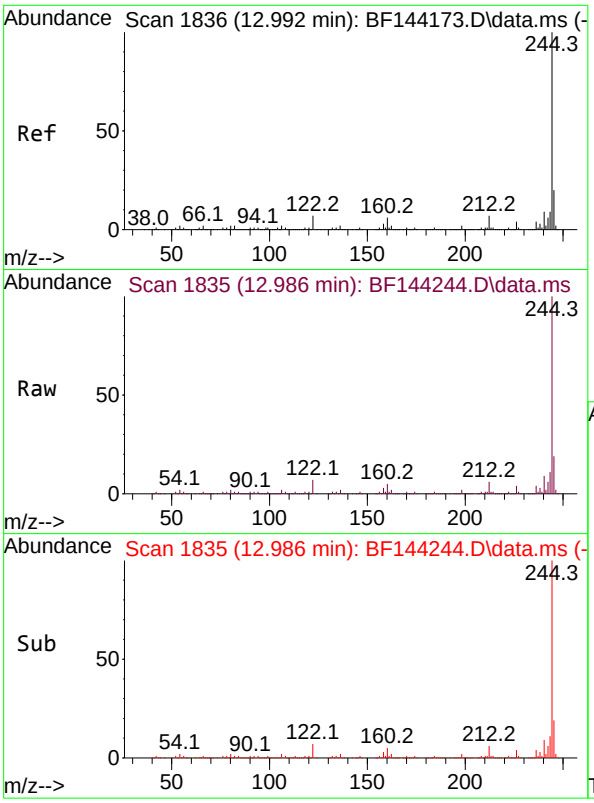


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:240 Resp: 125254

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	24.8	21.4	32.2



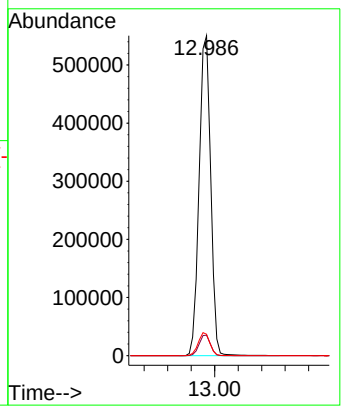


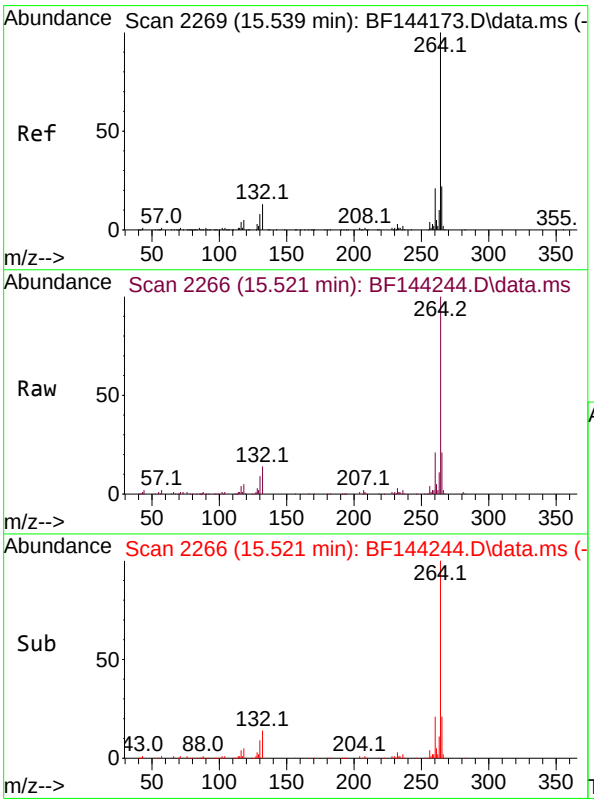
#79
Terphenyl-d14
Concen: 94.955 ng
RT: 12.986 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:244 Resp: 748766

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.7	5.6	8.4

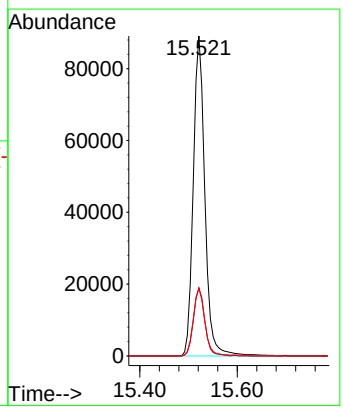




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:264 Resp: 146599

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.1	25.7
265	21.1	17.4	26.0



Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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: BF144244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	509	rBV	14232	24684	1.27%	0.204%
2	5.492	556	561	588	rBV	1146669	1596327	82.21%	13.172%
3	6.498	726	732	751	rBV	1124184	1627688	83.83%	13.431%
4	6.863	789	794	805	rVB	268525	337739	17.39%	2.787%
5	7.428	884	890	908	rBV	774534	1037948	53.46%	8.565%
6	8.145	1007	1012	1020	rBV	341110	443322	22.83%	3.658%
7	9.222	1189	1195	1217	rBV	1483418	1941711	100.00%	16.022%
8	9.904	1306	1311	1324	rBV	412855	518090	26.68%	4.275%
9	10.698	1440	1446	1480	rBV	921549	1286795	66.27%	10.618%
10	11.392	1559	1564	1584	rVB	404734	535355	27.57%	4.418%
11	12.986	1829	1835	1840	rBV	1331973	1807471	93.09%	14.915%
12	13.892	1973	1989	2006	rBV5	11973	66320	3.42%	0.547%
13	14.045	2009	2015	2026	rVB	218786	307574	15.84%	2.538%
14	15.321	2227	2232	2246	rVB8	10189	32017	1.65%	0.264%
15	15.521	2260	2266	2280	rBV	214032	353610	18.21%	2.918%
16	16.486	2425	2430	2437	rVB3	12161	23475	1.21%	0.194%
17	17.192	2540	2550	2566	rVB2	36831	158141	8.14%	1.305%
18	17.798	2649	2653	2664	rVB6	7814	20527	1.06%	0.169%

Sum of corrected areas: 12118794

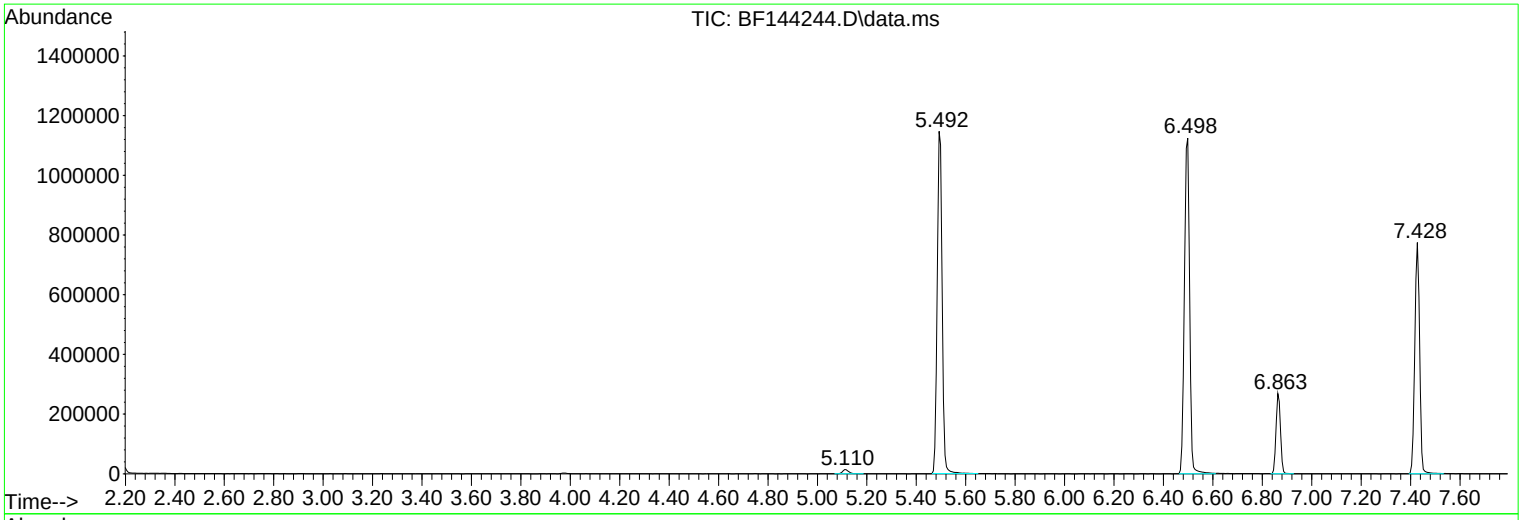
Sample Results: **BF144244.D**

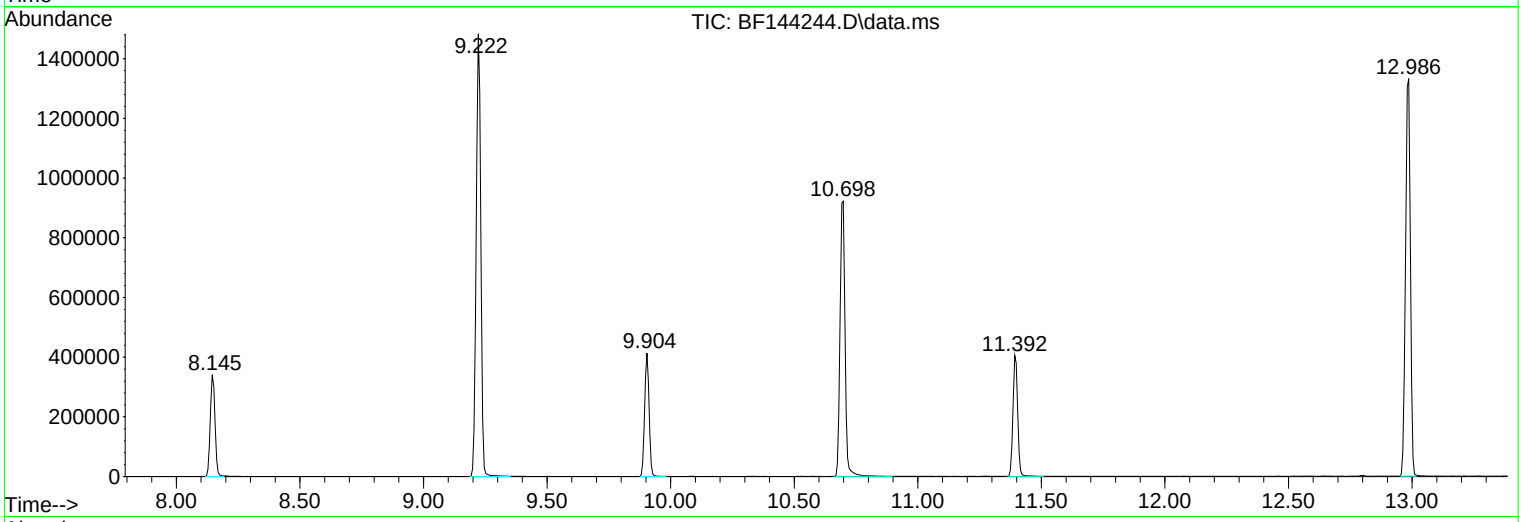
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

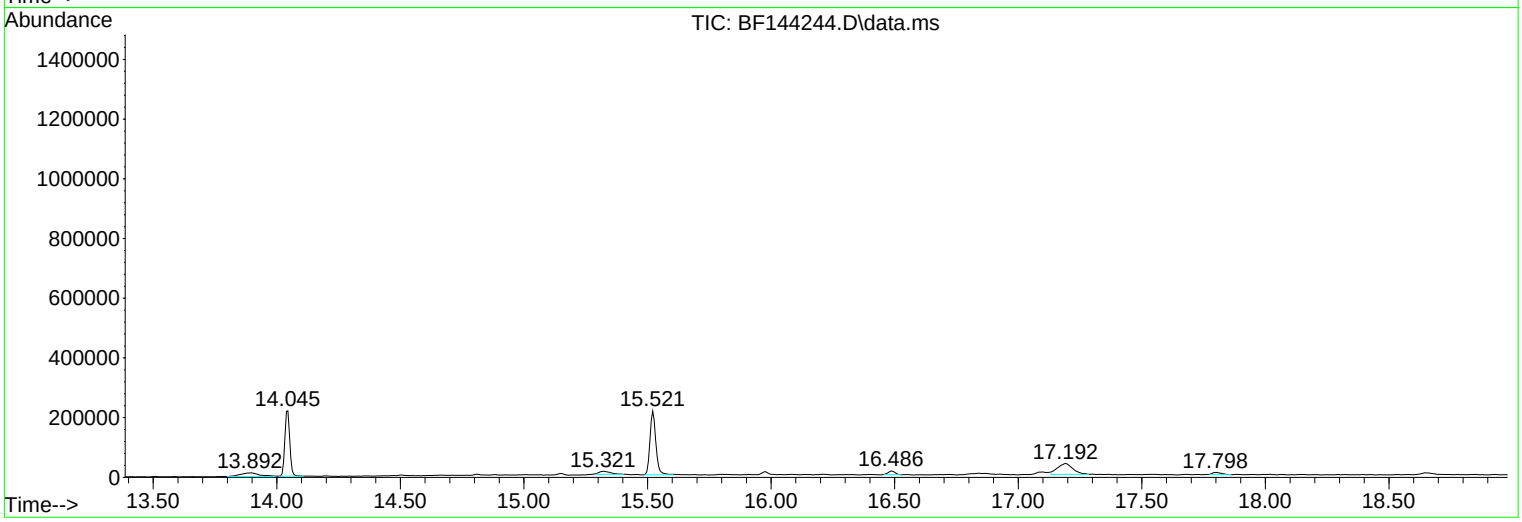
Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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 :
PB170473BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng		0.00
86) Perylene-d12	15.527	264	157737	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	467740	119.127	ng		0.00
7) Phenol-d6	6.504	99	533527	119.923	ng		0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng		0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng		98
3) Pyridine	3.463	79	179124	39.552	ng		99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng		97
6) Aniline	6.528	93	207544	32.743	ng	#	81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng		98
9) Benzaldehyde	6.416	77	102064	40.627	ng		93
10) Phenol	6.516	94	229486	42.219	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng		97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng		97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng		99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng		99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng		98
17) 2-Methylphenol	7.122	107	133634	43.625	ng		97
18) Hexachloroethane	7.375	117	69026	43.646	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng		94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng		96
22) Acetophenone	7.275	105	223896	42.871	ng		93
24) Nitrobenzene	7.451	77	195475	42.710	ng		100
25) Isophorone	7.687	82	353672	44.357	ng		100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng		99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng		98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng		95
31) Naphthalene	8.169	128	482201	41.638	ng		99
32) Benzoic acid	7.934	122	106932	42.959	ng		98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng		100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng		96
35) Caprolactam	8.592	113	49172m	45.858	ng		
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng		98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng		99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng		98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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 :
PB170473BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46)	1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47)	2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48)	2-Nitroaniline	9.451	65	108163	44.928	ng	99
49)	Acenaphthylene	9.769	152	533014	46.877	ng	100
50)	Dimethylphthalate	9.628	163	405560	43.686	ng	99
51)	2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52)	Acenaphthene	9.939	154	286244	37.646	ng	97
53)	3-Nitroaniline	9.863	138	53453	26.020	ng	98
54)	2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55)	Dibenzofuran	10.116	168	430177	40.396	ng	97
56)	4-Nitrophenol	10.034	139	115588	77.783	ng	94
57)	2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58)	Fluorene	10.457	166	346406	42.784	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60)	Diethylphthalate	10.328	149	374276	43.734	ng	99
61)	4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62)	4-Nitroaniline	10.481	138	87332	44.639	ng	99
63)	Azobenzene	10.610	77	359970	45.196	ng	99
65)	4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66)	n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67)	4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68)	Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69)	Atrazine	11.098	200	109917	45.352	ng	97
70)	Pentachlorophenol	11.204	266	148413	83.663	ng	98
71)	Phenanthrene	11.422	178	509691	43.204	ng	99
72)	Anthracene	11.475	178	519244	43.285	ng	99
73)	Carbazole	11.633	167	443160	43.444	ng	98
74)	Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75)	Fluoranthene	12.616	202	503631	41.326	ng	100
77)	Benzidine	12.733	184	156298	44.637	ng	97
78)	Pyrene	12.845	202	493385	51.692	ng	99
80)	Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81)	Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82)	3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83)	Chrysene	14.074	228	351949	46.470	ng	97
84)	Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85)	Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88)	Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89)	Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90)	Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91)	Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92)	Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

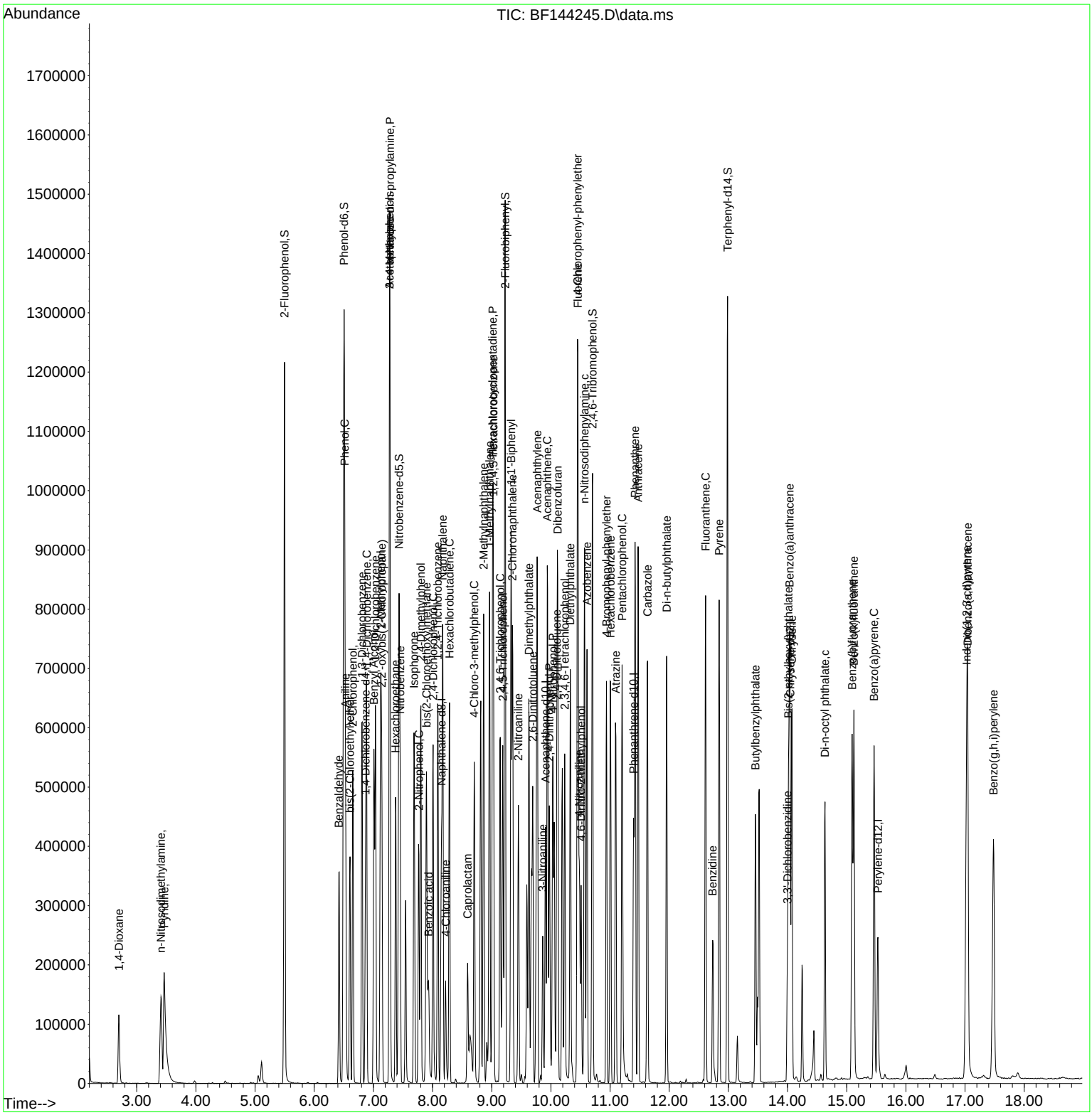
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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 :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 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 :
PB170473BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng		0.00
86) Perylene-d12	15.521	264	155276	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	455253	121.093	ng		0.00
7) Phenol-d6	6.498	99	518984	121.831	ng		0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng		0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng		99
3) Pyridine	3.463	79	173054	39.908	ng		99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng		94
6) Aniline	6.534	93	200047	32.961	ng		99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng		98
9) Benzaldehyde	6.422	77	98326	40.876	ng		99
10) Phenol	6.516	94	224574	43.149	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng		97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng		99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng		99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng		98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng		98
17) 2-Methylphenol	7.122	107	133795	45.616	ng		98
18) Hexachloroethane	7.375	117	66267	43.761	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng		96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng		94
22) Acetophenone	7.275	105	218214	42.108	ng	#	92
24) Nitrobenzene	7.451	77	191943	42.265	ng		99
25) Isophorone	7.686	82	345984	43.731	ng		99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng		95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng		97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng		97
31) Naphthalene	8.169	128	471894	41.066	ng		100
32) Benzoic acid	7.934	122	103430	41.876	ng		95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng		99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng		97
35) Caprolactam	8.592	113	50453m	47.419	ng		
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng		99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng		99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 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 :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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

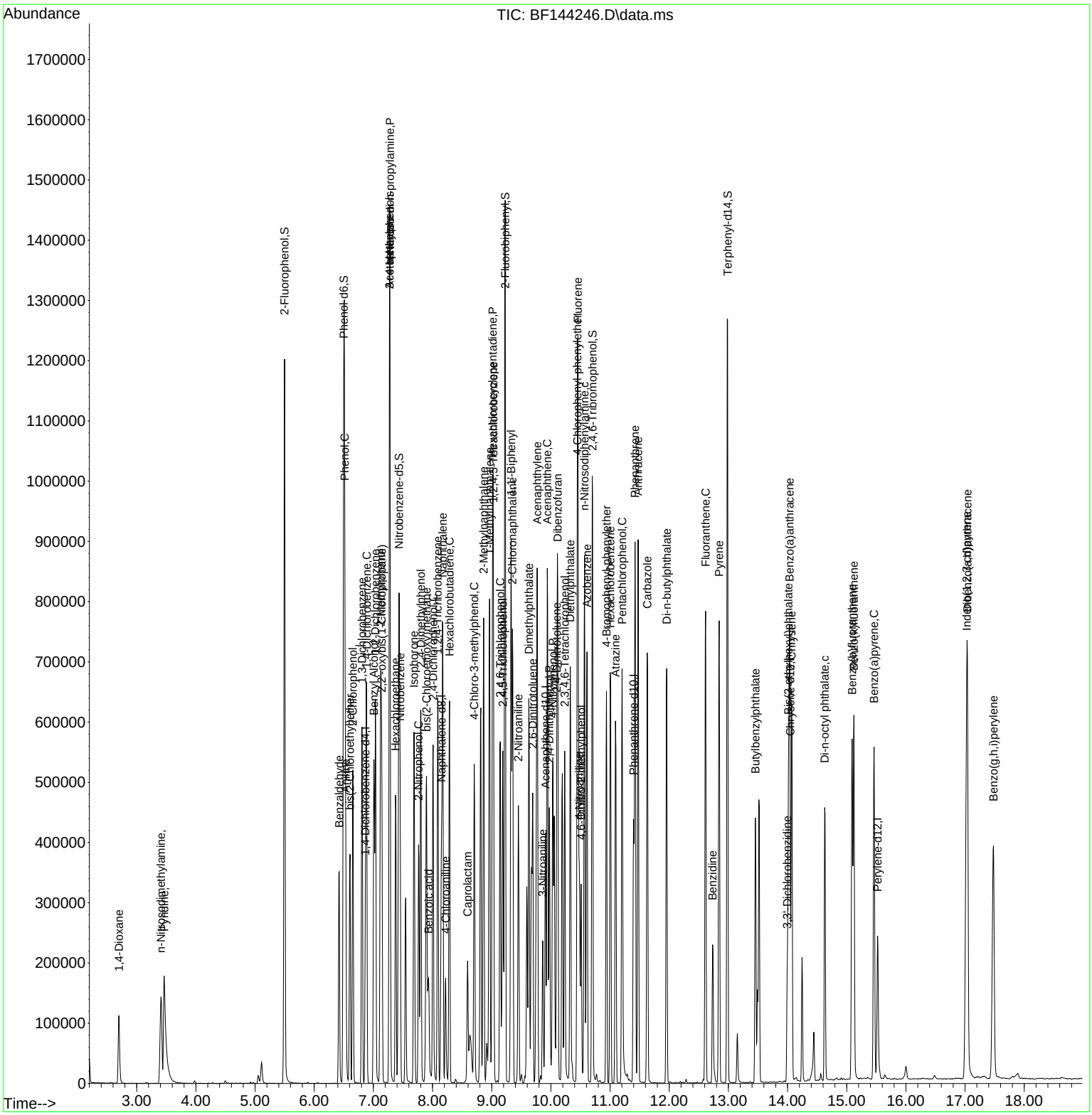
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 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 :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



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:	Bf111325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170473BS	BF144245.D	Caprolactam	Jagrut	11/14/2025 11:02:28 AM	Sohil	11/14/2025 12:25:32 PM	Peak Integrated by Software
PB170473BSD	BF144246.D	Caprolactam	Jagrut	11/14/2025 11:02:30 AM	Sohil	11/14/2025 12:25:34 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	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
Q3569-01	BP026095.D	Bis(2-ethylhexyl)phthalate	rahul	11/12/2025 9:19:52 AM	Jagrut	11/12/2025 11:22:06 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026108.D	Acenaphthene	Jagrut	11/13/2025 5:05:28 PM	mohammad	11/14/2025 1:01:13 AM	Peak Integrated by Software
SSTDCCC040	BP026108.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/13/2025 5:05:28 PM	mohammad	11/14/2025 1:01:13 AM	Peak Integrated by Software

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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

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	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	BF144242.D	13 Nov 2025 14:26	RC/JU	Ok
2	SSTDCCC040	BF144243.D	13 Nov 2025 14:56	RC/JU	Ok
3	PB170473BL	BF144244.D	13 Nov 2025 15:25	RC/JU	Ok
4	PB170473BS	BF144245.D	13 Nov 2025 15:55	RC/JU	Ok,M
5	PB170473BSD	BF144246.D	13 Nov 2025 16:24	RC/JU	Ok,M
6	Q3574-01	BF144247.D	13 Nov 2025 16:54	RC/JU	Ok
7	Q3609-03	BF144248.D	13 Nov 2025 17:24	RC/JU	Ok
8	Q3609-03MS	BF144249.D	13 Nov 2025 17:54	RC/JU	Ok,M
9	Q3609-03MSD	BF144250.D	13 Nov 2025 18:23	RC/JU	Ok,M
10	SSTDCCC040	BF144251.D	13 Nov 2025 18:53	RC/JU	Ok

M : Manual Integration

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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

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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	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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM				
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM				
SubDirectory	BP111225	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	BP026107.D	12 Nov 2025 10:55	RC/JU	Ok
2	SSTDCCC040	BP026108.D	12 Nov 2025 11:36	RC/JU	Ok,M
3	PB170495BL	BP026109.D	12 Nov 2025 12:17	RC/JU	Ok
4	PB170495BS	BP026110.D	12 Nov 2025 12:58	RC/JU	Ok
5	Q3577-04MS	BP026111.D	12 Nov 2025 13:51	RC/JU	Ok,M
6	Q3577-04MSD	BP026112.D	12 Nov 2025 14:32	RC/JU	Ok,M
7	Q3601-16	BP026113.D	12 Nov 2025 15:13	RC/JU	Ok
8	Q3601-20	BP026114.D	12 Nov 2025 15:55	RC/JU	Ok
9	Q3584-07	BP026115.D	12 Nov 2025 16:36	RC/JU	Not Ok
10	Q3569-02DL	BP026116.D	12 Nov 2025 17:17	RC/JU	Ok
11	Q3597-01	BP026117.D	12 Nov 2025 17:58	RC/JU	Ok
12	Q3597-04	BP026118.D	12 Nov 2025 18:39	RC/JU	Ok
13	Q3597-07	BP026119.D	12 Nov 2025 19:21	RC/JU	Ok
14	Q3597-07MS	BP026120.D	12 Nov 2025 20:02	RC/JU	Ok,M
15	Q3597-07MSD	BP026121.D	12 Nov 2025 20:43	RC/JU	Ok,M
16	Q3597-10	BP026122.D	12 Nov 2025 21:24	RC/JU	Ok
17	Q3599-01	BP026123.D	12 Nov 2025 22:06	RC/JU	Ok
18	Q3598-01	BP026124.D	12 Nov 2025 22:47	RC/JU	Ok

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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

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	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	BF144242.D	13 Nov 2025 14:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144243.D	13 Nov 2025 14:56		RC/JU	Ok
3	PB170473BL	PB170473BL	BF144244.D	13 Nov 2025 15:25		RC/JU	Ok
4	PB170473BS	PB170473BS	BF144245.D	13 Nov 2025 15:55		RC/JU	Ok,M
5	PB170473BSD	PB170473BSD	BF144246.D	13 Nov 2025 16:24		RC/JU	Ok,M
6	Q3574-01	304641-01 Liquid	BF144247.D	13 Nov 2025 16:54		RC/JU	Ok
7	Q3609-03	AU-713-COMP-01	BF144248.D	13 Nov 2025 17:24		RC/JU	Ok
8	Q3609-03MS	AU-713-COMP-01MS	BF144249.D	13 Nov 2025 17:54		RC/JU	Ok,M
9	Q3609-03MSD	AU-713-COMP-01MSD	BF144250.D	13 Nov 2025 18:23		RC/JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF144251.D	13 Nov 2025 18:53		RC/JU	Ok

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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

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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		RC/JU	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

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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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM		
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM		
SubDirectory	BP111225	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	BP026107.D	12 Nov 2025 10:55		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026108.D	12 Nov 2025 11:36	CCC fail high side for compound #26,32,42,58,59,65,85 & low for compound #77	RC/JU	Ok,M
3	PB170495BL	PB170495BL	BP026109.D	12 Nov 2025 12:17		RC/JU	Ok
4	PB170495BS	PB170495BS	BP026110.D	12 Nov 2025 12:58		RC/JU	Ok
5	Q3577-04MS	WC-1AMS	BP026111.D	12 Nov 2025 13:51		RC/JU	Ok,M
6	Q3577-04MSD	WC-1AMSD	BP026112.D	12 Nov 2025 14:32		RC/JU	Ok,M
7	Q3601-16	TP-4	BP026113.D	12 Nov 2025 15:13		RC/JU	Ok
8	Q3601-20	TP-5	BP026114.D	12 Nov 2025 15:55		RC/JU	Ok
9	Q3584-07	SEEP-1	BP026115.D	12 Nov 2025 16:36	Sample for the sim Test Loaded by mistake	RC/JU	Not Ok
10	Q3569-02DL	MW-12DL	BP026116.D	12 Nov 2025 17:17		RC/JU	Ok
11	Q3597-01	TP-1	BP026117.D	12 Nov 2025 17:58		RC/JU	Ok
12	Q3597-04	TP-2	BP026118.D	12 Nov 2025 18:39		RC/JU	Ok
13	Q3597-07	TP-3	BP026119.D	12 Nov 2025 19:21		RC/JU	Ok
14	Q3597-07MS	TP-3MS	BP026120.D	12 Nov 2025 20:02		RC/JU	Ok,M
15	Q3597-07MSD	TP-3MSD	BP026121.D	12 Nov 2025 20:43		RC/JU	Ok,M
16	Q3597-10	TP-4	BP026122.D	12 Nov 2025 21:24		RC/JU	Ok
17	Q3599-01	LIVINGSTON-SOIL	BP026123.D	12 Nov 2025 22:06		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM		
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM		
SubDirectory	BP111225	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	Q3598-01	EO-CONCRETE	BP026124.D	12 Nov 2025 22:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170473

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/10/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/10/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**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
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25	RS (Ext lab)	JY/ SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170473

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170473BL	SBLK473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170473BS	SLCS473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170473BSD	SLCSD473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		4
Q3569-02	MW-12	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		5
Q3574-01	304641-01 LIQUID	SVOC-PAH	810	6	RUPESH	ritesh	1	I		6
Q3584-01	SW-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		7
Q3584-02	SW-2	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		8
Q3584-03	SW-3	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9
Q3584-04	EB-2	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	G		10
Q3584-05	FB-2	SVOC-TCL BNA -20	700	6	RUPESH	ritesh	1	H		11
Q3584-07	SEEP-1	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		12

RS
11/10

* **Extracts relinquished on the same date as received.**

1704473
S.W.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569 **WorkList ID :** 193017 **Department :** Extraction **Date :** 11-10-2025 08:35:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3569-02	MW-12	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	Cool 4 deg C	PACI01	J22	11/04/2025	8270E
Q3584-01	SW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/06/2025	8270E
Q3584-02	SW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/07/2025	8270E
Q3584-03	SW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-04	EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/06/2025	8270E
Q3584-05	FB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-07	SEEP-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E

Date/Time 11/10/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by:

Date/Time 11/10/25 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3569-01DL	**MW-2DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3569-02	**MW-12**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3569-02DL	**MW-12DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-2								
Q3569-01	MW-2	WATER	1,4-Dioxane	25.000	E	0.07	0.21	ug/L
			Total Svoc :	**25.00**				
			Total Concentration:	**25.00**				
Client ID : MW-2DL								
Q3569-01DL	MW-2DL	WATER	1,4-Dioxane	28.400	D	0.69	2.1	ug/L
			Total Svoc :	**28.40**				
			Total Concentration:	**28.40**				
Client ID : MW-12								
Q3569-02	MW-12	WATER	1,4-Dioxane	79.300	E	0.07	0.2	ug/L
			Total Svoc :	**79.30**				
			Total Concentration:	**79.30**				
Client ID : MW-12DL								
Q3569-02DL	MW-12DL	WATER	1,4-Dioxane	96.400	D	2.7	8.2	ug/L
			Total Svoc :	**96.40**				
			Total Concentration:	**96.40**				

SAMPLE DATA

Raw Data: **BN038189.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-2			SDG No.:	Q3569
Lab Sample ID:	Q3569-01			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	25.0	E	1	0.070	0.21	ug/L	11/12/25 13:09	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.41			30 (47) - 150 (106)	102%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	74%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.59	*		30 (54) - 130 (175)	146%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8900							
1146-65-2	Naphthalene-d8	29500							
15067-26-2	Acenaphthene-d10	20900							
1517-22-2	Phenanthrene-d10	33500							
1719-03-5	Chrysene-d12	18200							
1520-96-3	Perylene-d12	16900							

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

Raw Data: **BN038195.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-2DL			SDG No.:	Q3569
Lab Sample ID:	Q3569-01DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	28.4	D	10	0.69	2.10	ug/L	11/12/25 16:47	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.32			30 (47) - 150 (106)	80%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (50) - 130 (126)	100%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.62	*		30 (54) - 130 (175)	155%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	7980							
1146-65-2	Naphthalene-d8	25300							
15067-26-2	Acenaphthene-d10	14700							
1517-22-2	Phenanthrene-d10	25400							
1719-03-5	Chrysene-d12	15100							
1520-96-3	Perylene-d12	14500							

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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

Raw Data: **BN038187.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12			SDG No.:	Q3569
Lab Sample ID:	Q3569-02			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	79.3	E	1	0.070	0.20	ug/L	11/12/25 11:56	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (47) - 150 (106)	86%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	79%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.42			30 (56) - 130 (116)	105%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.22			30 (50) - 130 (126)	54%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.57	*		30 (54) - 130 (175)	142%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9900							
1146-65-2	Naphthalene-d8	33500							
15067-26-2	Acenaphthene-d10	32700							
1517-22-2	Phenanthrene-d10	32900							
1719-03-5	Chrysene-d12	18600							
1520-96-3	Perylene-d12	18600							

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

Raw Data: **BN038194.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12DL			SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	96.4	D	40	2.70	8.20	ug/L	11/12/25 16:11	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.60	*		30 (56) - 130 (116)	150%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.52			30 (50) - 130 (126)	130%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.76	*		30 (54) - 130 (175)	190%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	7910							
1146-65-2	Naphthalene-d8	24600							
15067-26-2	Acenaphthene-d10	14700							
1517-22-2	Phenanthrene-d10	27000							
1719-03-5	Chrysene-d12	14500							
1520-96-3	Perylene-d12	13400							

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,
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Surrogate Summary

SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170483BL	PB170483BL	2-Methylnaphthalene-d10	0.4	0.35	87		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	92		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.46	116		30 (54)	130 (175)
PB170483BS	PB170483BS	2-Methylnaphthalene-d10	0.4	0.36	91		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	93		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
PB170483BSD	PB170483BSD	2-Methylnaphthalene-d10	0.4	0.37	93		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.28	69		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	95		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)
Q3569-01	MW-2	2-Methylnaphthalene-d10	0.4	0.41	102		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	74		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.59	146	*	30 (54)	130 (175)
Q3569-01DL	MW-2DL	2-Methylnaphthalene-d10	0.4	0.32	80		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.40	100		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.62	155	*	30 (54)	130 (175)
Q3569-02	MW-12	2-Methylnaphthalene-d10	0.4	0.35	86		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.32	79		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	105		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.22	54		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.57	142	*	30 (54)	130 (175)
Q3569-02DL	MW-12DL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.60	150	*	30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.52	130		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.76	190	*	30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038185.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170483BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038186.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170483BSD	1,4-Dioxane	0.4	0.31	ug/L	78	3			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170483BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BN038184.D | Lab Sample ID: PB170483BL

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

Matrix: (soil/water) Water | Date Analyzed: 11/12/2025

Level: (low/med) LOW | Time Analyzed: 10:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170483BS	PB170483BS	BN038185.D	11/12/2025
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025
MW-12	Q3569-02	BN038187.D	11/12/2025
MW-2	Q3569-01	BN038189.D	11/12/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BN038110.D | DFTPP Injection Date: 10/28/2025

Instrument ID: BNA_N | DFTPP Injection Time: 12:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 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	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	85.3
443	15.0 - 24.0% of mass 442	17 (19.9) 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
SSTDICC0.1	SSTDICC0.1	BN038111.D	10/28/2025	13:00
SSTDICC0.2	SSTDICC0.2	BN038112.D	10/28/2025	13:36
SSTDICCC0.4	SSTDICCC0.4	BN038113.D	10/28/2025	14:13
SSTDICC0.8	SSTDICC0.8	BN038114.D	10/28/2025	14:49
SSTDICC1.6	SSTDICC1.6	BN038115.D	10/28/2025	15:25
SSTDICC3.2	SSTDICC3.2	BN038116.D	10/28/2025	16:02
SSTDICC5.0	SSTDICC5.0	BN038117.D	10/28/2025	16:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BN038182.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_N | DFTPP Injection Time: 08:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.7 (18.6) 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
SSTDCCC0.4	SSTDCCC0.4	BN038183.D	11/12/2025	09:31
PB170483BL	PB170483BL	BN038184.D	11/12/2025	10:07
PB170483BS	PB170483BS	BN038185.D	11/12/2025	10:44
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025	11:20
MW-12	Q3569-02	BN038187.D	11/12/2025	11:56
MW-2	Q3569-01	BN038189.D	11/12/2025	13:09
MW-12DL	Q3569-02DL	BN038194.D	11/12/2025	16:11
MW-2DL	Q3569-01DL	BN038195.D	11/12/2025	16:47

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID : SSTDCCC0.4 Date Analyzed: 11/12/2025

Lab File ID: BN038183.D Time Analyzed: 09:31

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	9292	7.768	28984	10.57	16601	14.43
	UPPER LIMIT	18584	8.268	57968	11.073	33202	14.93
	LOWER LIMIT	4646	7.268	14492	10.073	8300.5	13.93
	EPA SAMPLE NO.						
01	PB170483BL	9479	7.77	27842	10.57	15234	14.43
02	PB170483BS	11079	7.77	33638	10.57	18281	14.43
03	PB170483BSD	9171	7.78	26214	10.57	13453	14.43
04	MW-2	8899	7.77	29516	10.57	20929	14.43
05	MW-12	9896	7.77	33487	10.57	32721	14.43
06	MW-2DL	7979	7.78	25314	10.57	14740	14.43
07	MW-12DL	7912	7.78	24631	10.57	14683	14.43

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID: SSTDCCC0.4 Date Analyzed: 11/12/2025

Lab File ID: BN038183.D Time Analyzed: 09:31

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	31060	17.186	20792	21.375	18070	23.683
	UPPER LIMIT	62120	17.686	41584	21.875	36140	24.183
	LOWER LIMIT	15530	16.686	10396	20.875	9035	23.183
	EPA SAMPLE NO.						
01	PB170483BL	28458	17.19	18990	21.38	17381	23.69
02	PB170483BS	33841	17.19	23862	21.38	21641	23.68
03	PB170483BSD	20310	17.19	12107	21.38	12660	23.68
04	MW-2	33471	17.19	18239	21.38	16867	23.68
05	MW-12	32892	17.19	18590	21.38	18643	23.68
06	MW-2DL	25439	17.19	15077	21.38	14508	23.68
07	MW-12DL	26976	17.19	14468	21.38	13395	23.68

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

Raw Data: **BN038184.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170483BL			SDG No.:	Q3569
Lab Sample ID:	PB170483BL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/12/25 10:07	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (47) - 150 (106)	87%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	86%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	92%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	116%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9480							
1146-65-2	Naphthalene-d8	27800							
15067-26-2	Acenaphthene-d10	15200							
1517-22-2	Phenanthrene-d10	28500							
1719-03-5	Chrysene-d12	19000							
1520-96-3	Perylene-d12	17400							

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

Raw Data: **BN038185.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170483BS			SDG No.:	Q3569
Lab Sample ID:	PB170483BS			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.32		1	0.070	0.20	ug/L	11/12/25 10:44	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	93%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	108%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	11100							
1146-65-2	Naphthalene-d8	33600							
15067-26-2	Acenaphthene-d10	18300							
1517-22-2	Phenanthrene-d10	33800							
1719-03-5	Chrysene-d12	23900							
1520-96-3	Perylene-d12	21600							

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

Raw Data: **BN038186.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170483BSD			SDG No.:	Q3569
Lab Sample ID:	PB170483BSD			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.31		1	0.070	0.20	ug/L	11/12/25 11:20	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (47) - 150 (106)	93%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.28			30 (54) - 150 (157)	69%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	95%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.41			30 (54) - 130 (175)	101%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9170							
1146-65-2	Naphthalene-d8	26200							
15067-26-2	Acenaphthene-d10	13500							
1517-22-2	Phenanthrene-d10	20300							
1719-03-5	Chrysene-d12	12100							
1520-96-3	Perylene-d12	12700							

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_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN102825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 29 13:09:46 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN038111.D 0.2 =BN038112.D 0.4 =BN038113.D 0.8 =BN038114.D 1.6 =BN038115.D 3.2 =BN038116.D 5 =BN038117.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.446	0.424	0.405	0.416	0.400	0.389	0.413		4.87
3)		n-Nitrosodimet...	0.528	0.537	0.527	0.547	0.534	0.518	0.532		1.85
4)	S	2-Fluorophenol	1.066	0.973	0.954	0.907	0.918	0.895	0.882	0.942	6.73
5)	S	Phenol-d6	1.266	1.134	1.134	1.097	1.131	1.135	1.137	1.148	4.71
6)		bis(2-Chloroet...	1.164	1.140	1.126	1.122	1.148	1.114	1.079	1.128	2.42
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.403	0.312	0.313	0.301	0.316	0.307	0.307	0.323	11.11
9)		Naphthalene	1.139	1.097	1.081	1.080	1.125	1.107	1.084	1.102	2.08
10)		Hexachlorobuta...	0.198	0.187	0.187	0.182	0.188	0.183	0.177	0.186	3.49
11)	SURR	2-Methylnaphth...	0.581	0.569	0.551	0.549	0.586	0.584	0.579	0.571	2.69
12)		2-Methylnaphth...	0.765	0.712	0.709	0.713	0.757	0.749	0.738	0.735	3.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.156	0.151	0.149	0.152	0.171	0.182	0.194	0.165	10.70
15)	S	2-Fluorobiphenyl	1.794	1.649	1.577	1.570	1.615	1.514	1.495	1.602	6.24
16)		Acenaphthylene	1.768	1.728	1.711	1.764	1.891	1.912	1.908	1.811	4.88
17)		Acenaphthene	1.260	1.242	1.211	1.234	1.318	1.310	1.297	1.267	3.25
18)		Fluorene	1.549	1.618	1.596	1.635	1.768	1.731	1.729	1.661	4.93
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.041	0.045	0.051	0.064	0.073		0.055		24.55
21)		4-Bromophenyl-...	0.260	0.251	0.250	0.256	0.274	0.271	0.275	0.262	4.06
22)		Hexachlorobenzene	0.304	0.292	0.298	0.293	0.306	0.297	0.298	0.298	1.76
23)		Atrazine	0.190	0.176	0.176	0.179	0.203	0.209	0.211	0.192	8.19
24)		Pentachlorophenol	0.112	0.108	0.113	0.132	0.146	0.159	0.128		16.16
25)		Phenanthrene	1.281	1.231	1.224	1.236	1.327	1.293	1.298	1.270	3.12
26)		Anthracene	1.076	1.029	1.047	1.057	1.182	1.183	1.202	1.111	6.72
27)	SURR	Fluoranthene-d10	1.040	0.969	0.957	0.981	1.050	1.055	1.009	1.009	4.01
28)		Fluoranthene	1.448	1.349	1.345	1.394	1.492	1.491	1.414	1.419	4.30
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.834	1.853	1.842	1.664	1.835	1.766	1.846	1.806	3.82
31)	S	Terphenyl-d14	0.878	0.881	0.872	0.807	0.892	0.862	0.891	0.869	3.37
32)		Benzo(a)anthra...	1.491	1.379	1.358	1.363	1.469	1.474	1.456	1.427	4.06
33)		Chrysene	1.623	1.586	1.543	1.523	1.558	1.518	1.490	1.549	2.91
34)		Bis(2-ethylhex...	0.910	0.722	0.700	0.721	0.754	0.703	0.752		10.60
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN102825.M

36)		Indeno(1,2,3-c...	1.521	1.512	1.604	1.620	1.730	1.739	1.778	1.643	6.53
37)		Benzo(b)fluora...	1.603	1.543	1.630	1.729	1.806	1.839	1.822	1.710	6.94
38)		Benzo(k)fluora...	1.652	1.590	1.619	1.669	1.831	1.835	1.855	1.721	6.62
39)	C	Benzo(a)pyrene	1.344	1.276	1.316	1.314	1.420	1.451	1.462	1.369	5.44
40)		Dibenzo(a,h)an...	1.149	1.150	1.196	1.240	1.352	1.363	1.402	1.265	8.42
41)		Benzo(g,h,i)pe...	1.402	1.365	1.426	1.432	1.499	1.477	1.509	1.444	3.66

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_N Calibration Date/Time: 11/12/2025 09:31

Lab File ID: BN038183.D Init. Calib. Date(s): 10/28/2025 10/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 13:00 16:38

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.558		-2.3	20.0
Fluoranthene-d10	1.008	0.917		-9.0	20.0
2-Fluorophenol	0.943	0.939		-0.4	20.0
Phenol-d6	1.148	1.155		0.6	20.0
Nitrobenzene-d5	0.323	0.321		-0.6	20.0
2-Fluorobiphenyl	1.602	1.475		-7.9	20.0
2,4,6-Tribromophenol	0.165	0.138		-16.4	20.0
Terphenyl-d14	0.869	0.919		5.8	20.0
1,4-Dioxane	0.416	0.395		-5.0	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038189.D
Acq On : 12 Nov 2025 13:09
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Nov 12 13:33:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

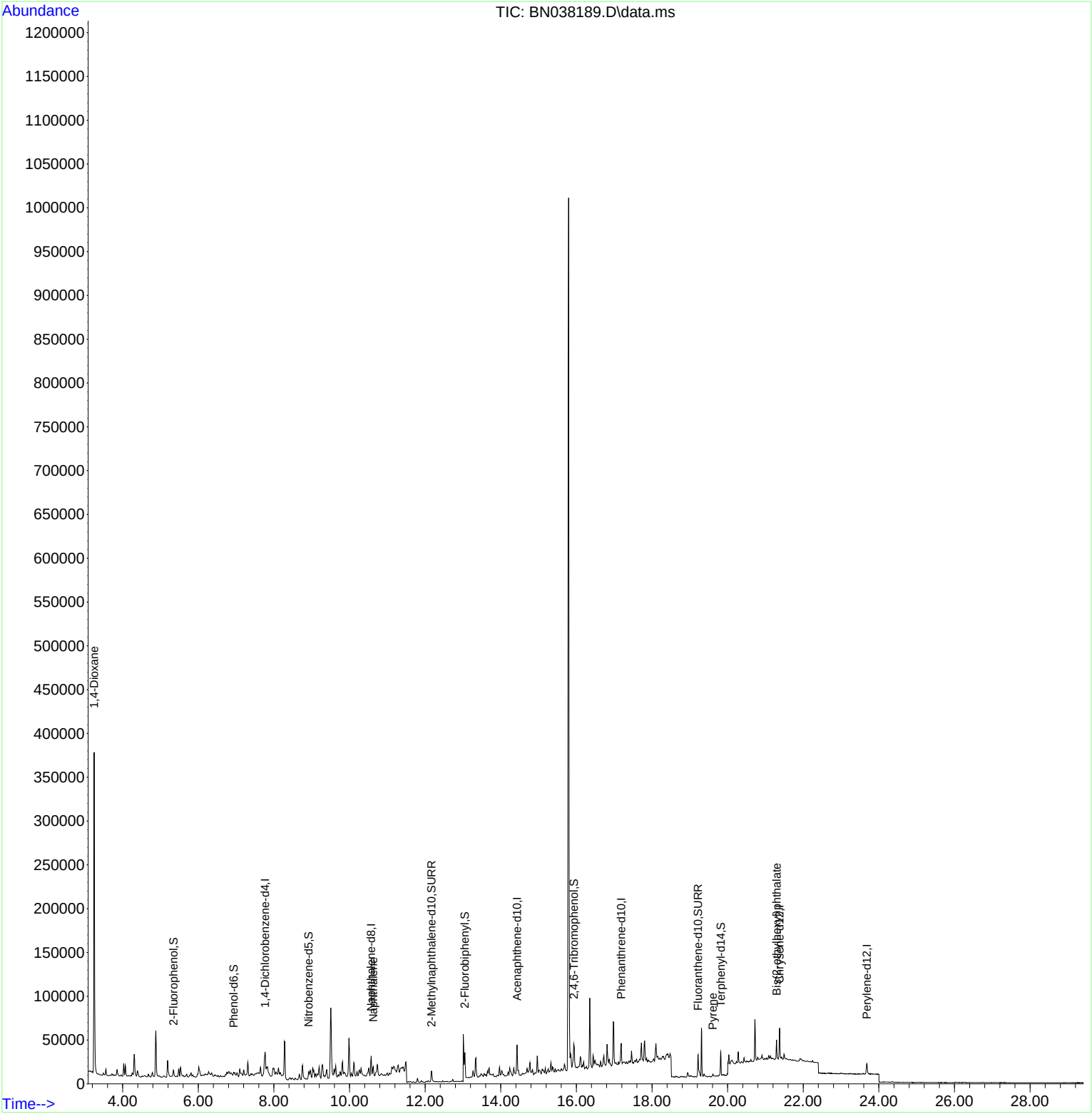
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8899	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29516	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	20929	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33471	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18239	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	16867	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	4410	0.210	ng	0.00
5) Phenol-d6	6.937	99	3293	0.129	ng	0.00
8) Nitrobenzene-d5	8.918	82	7960	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	17137	0.407	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	3777	0.438	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24835	0.296	ng	0.00
27) Fluoranthene-d10	19.220	212	27834	0.330	ng	0.00
31) Terphenyl-d14	19.819	244	23192	0.585	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	218035	23.713	ng	99
9) Naphthalene	10.626	128	13729	0.169	ng	95
30) Pyrene	19.610	202	2301	0.028	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.295	149	19975	0.583	ng	98

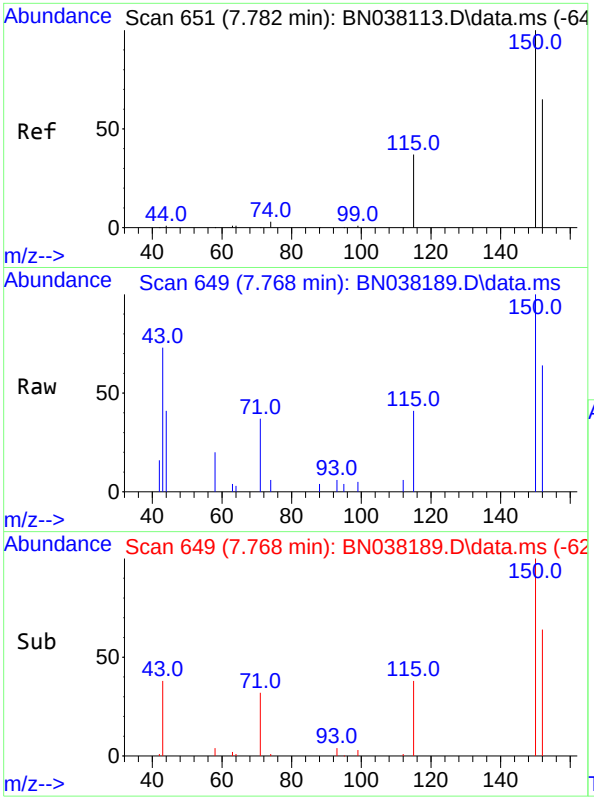
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038189.D
Acq On : 12 Nov 2025 13:09
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2

Quant Time: Nov 12 13:33:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



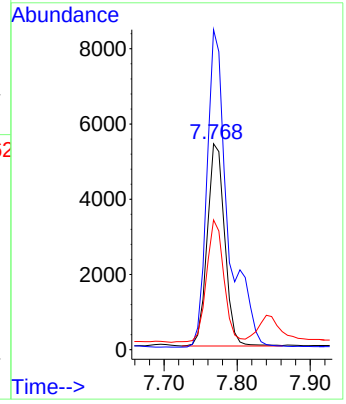


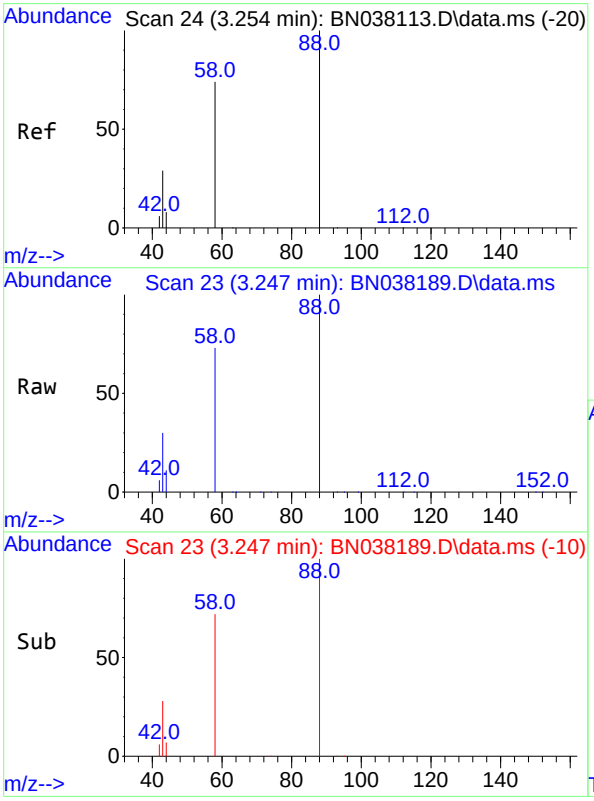
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 8899

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.3	183.5
115	63.0	47.4	71.0

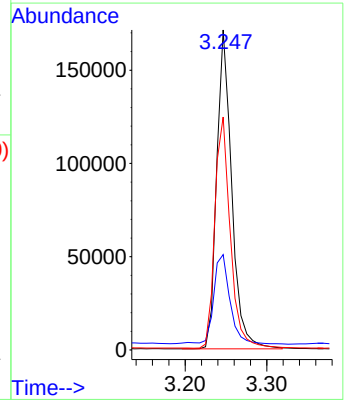


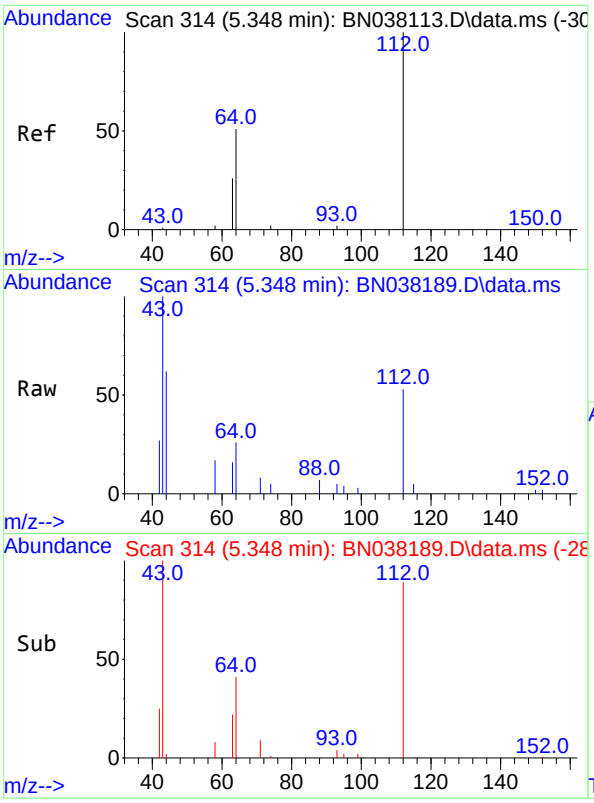


#2
1,4-Dioxane
Concen: 23.713 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 88 Resp: 218035

Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.3	36.5
58	74.8	60.4	90.6



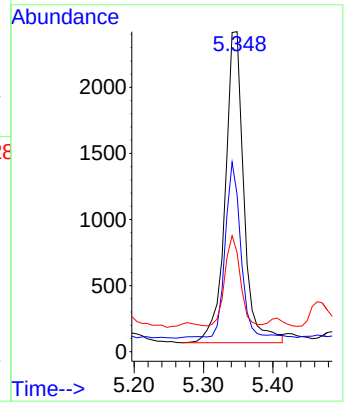


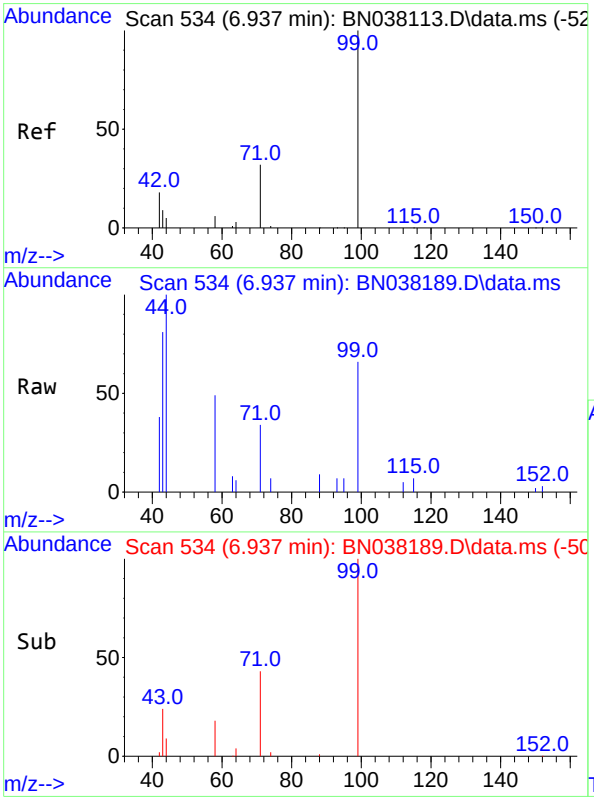
#4
2-Fluorophenol
Concen: 0.210 ng
RT: 5.348 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 4410

Ion	Ratio	Lower	Upper
112	100		
64	47.8	45.4	68.0
63	24.8	23.2	34.8

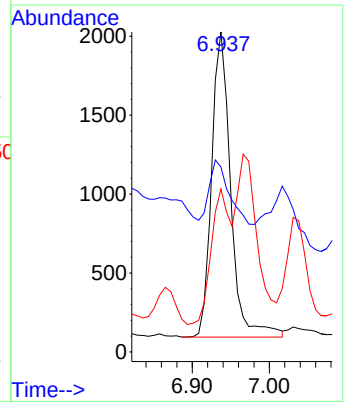


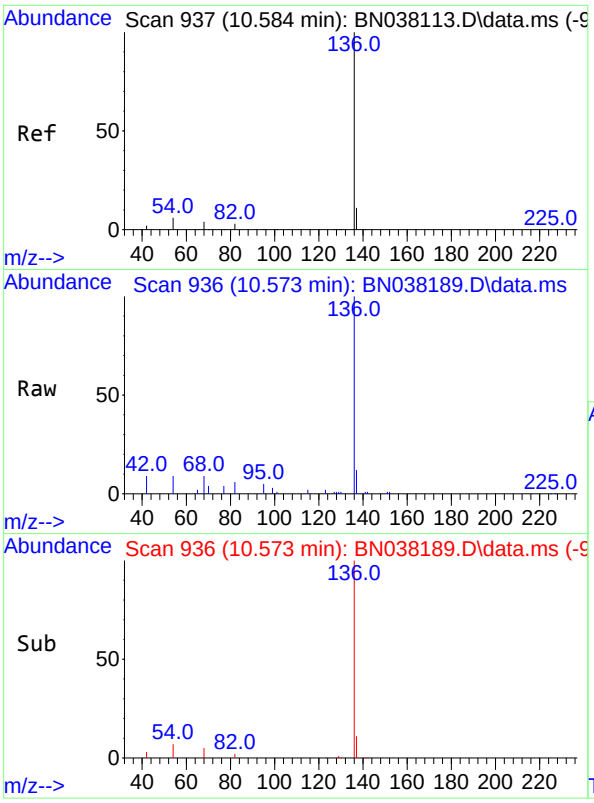


#5
Phenol-d6
Concen: 0.129 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 99 Resp: 3293

Ion	Ratio	Lower	Upper
99	100		
42	25.8	16.6	24.8#
71	45.8	25.4	38.2#



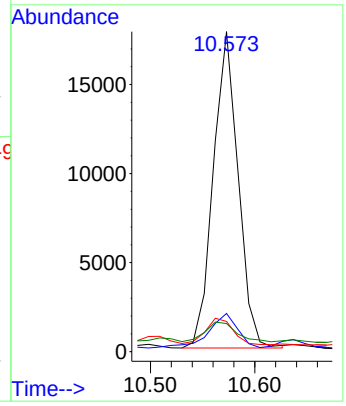


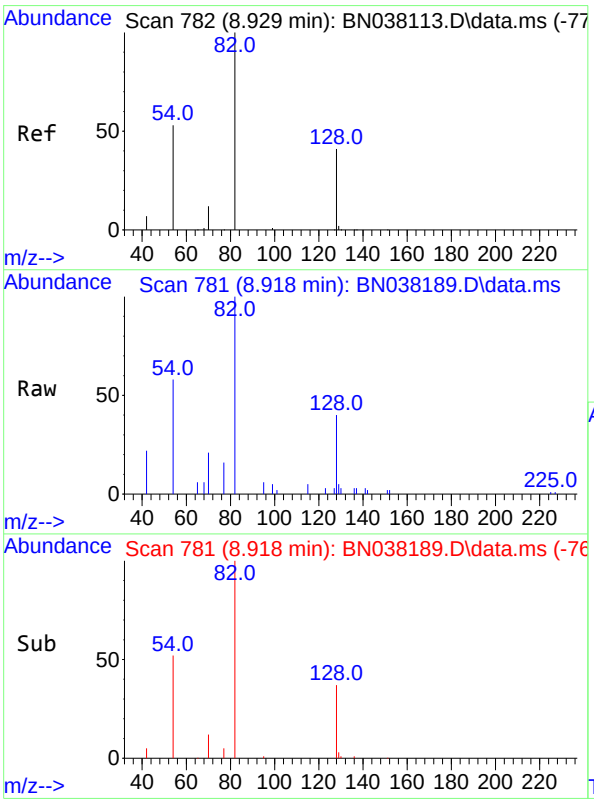
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 29516

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	9.5	5.2	7.8#
68	8.8	4.1	6.1#

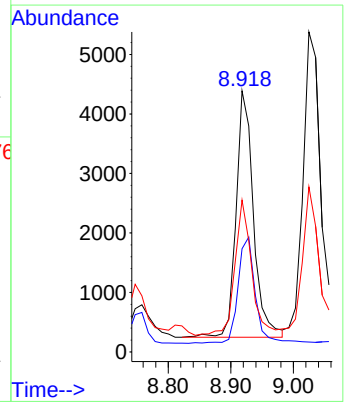


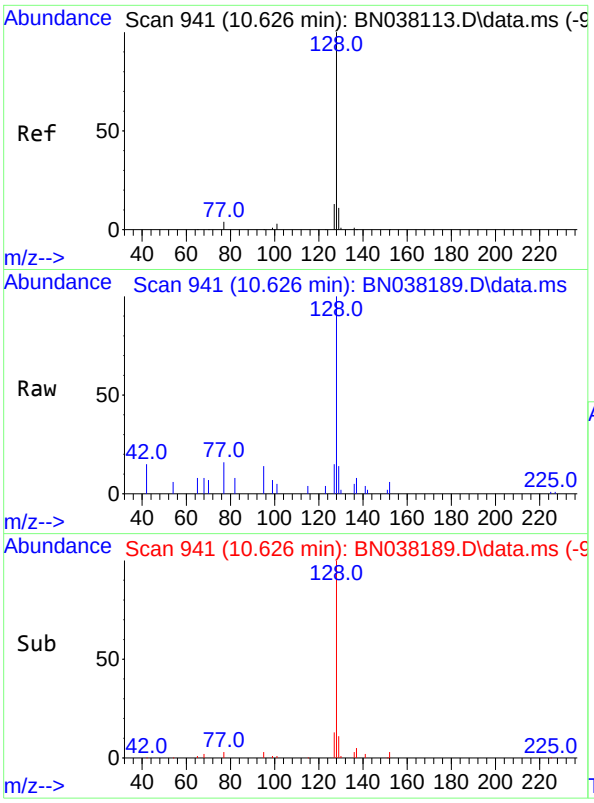


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion: 82 Resp: 7960

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.1	51.1
54	58.2	43.5	65.3



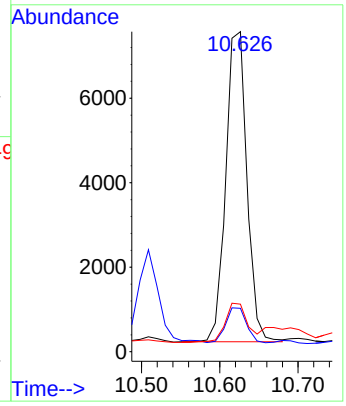


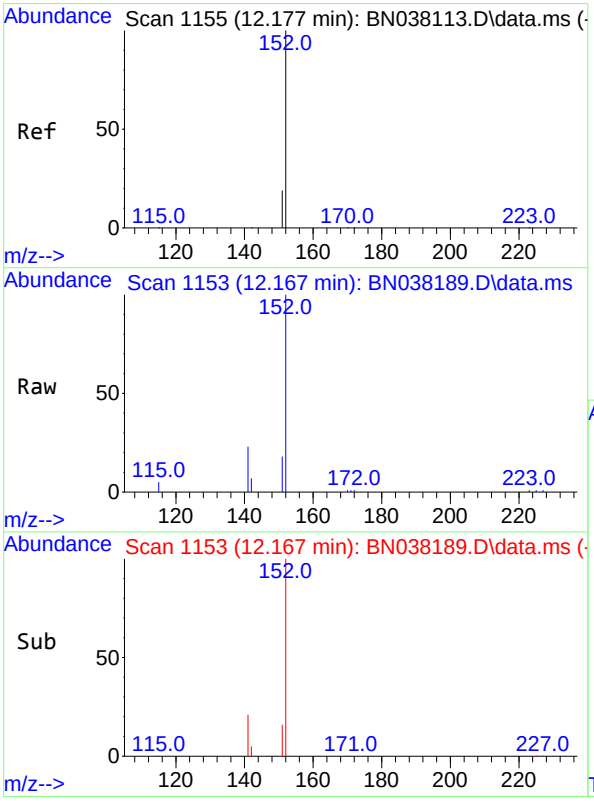
#9
Naphthalene
Concen: 0.169 ng
RT: 10.626 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 13729

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	14.9	10.5	15.7

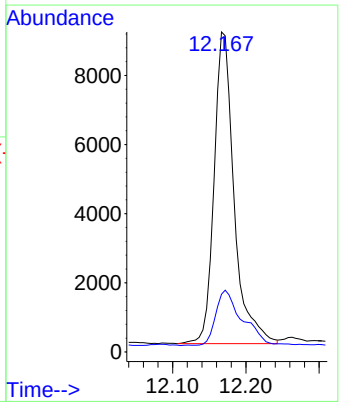


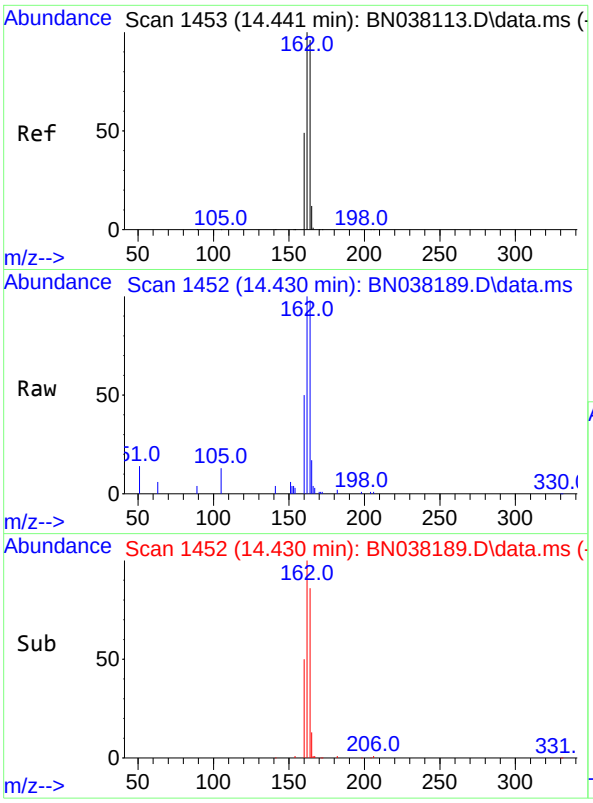


#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:152 Resp: 17137

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.8	25.2



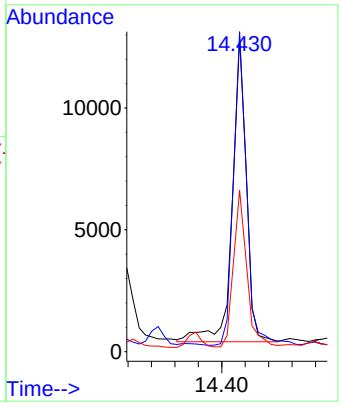


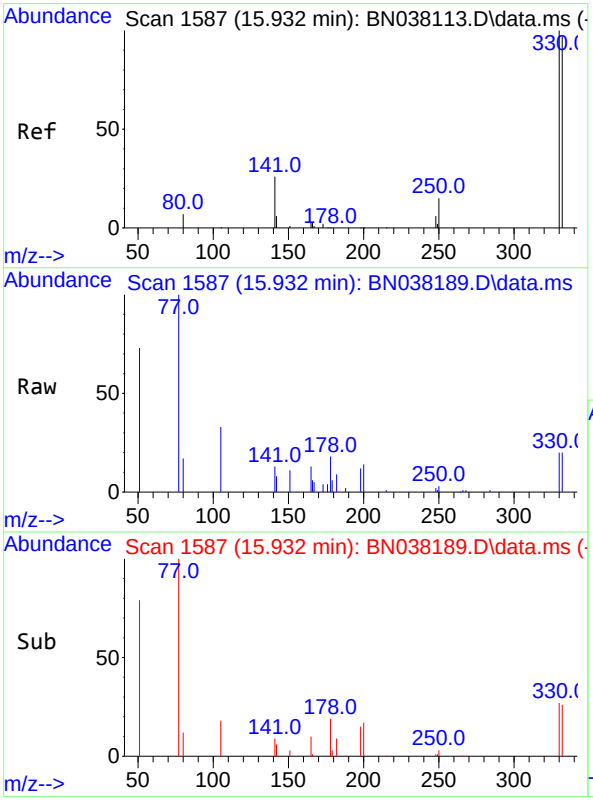
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 20929

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.4
160	51.5	40.7	61.1

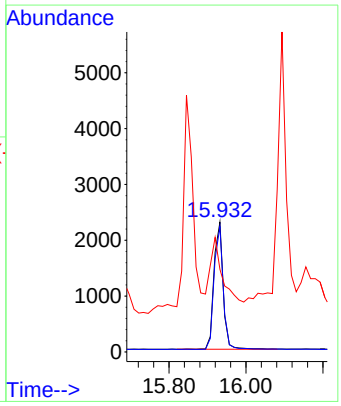




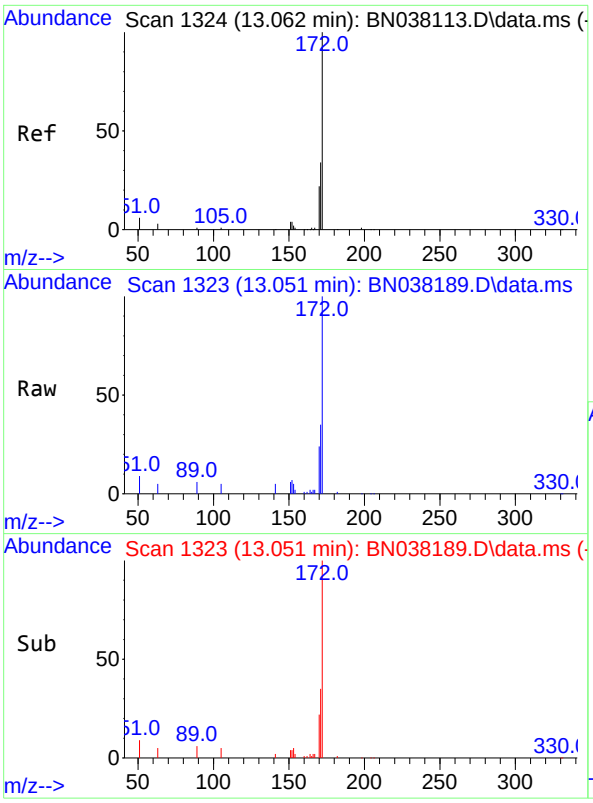
#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:330 Resp: 3777

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	64.8	34.1	51.1#



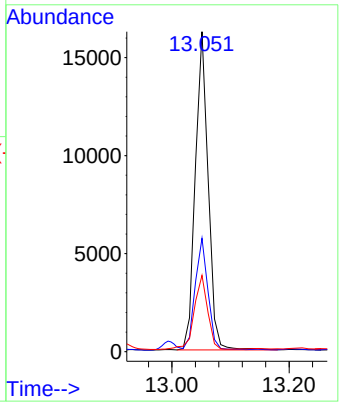
Instrument :
BNA_N
ClientSampleId :
MW-2

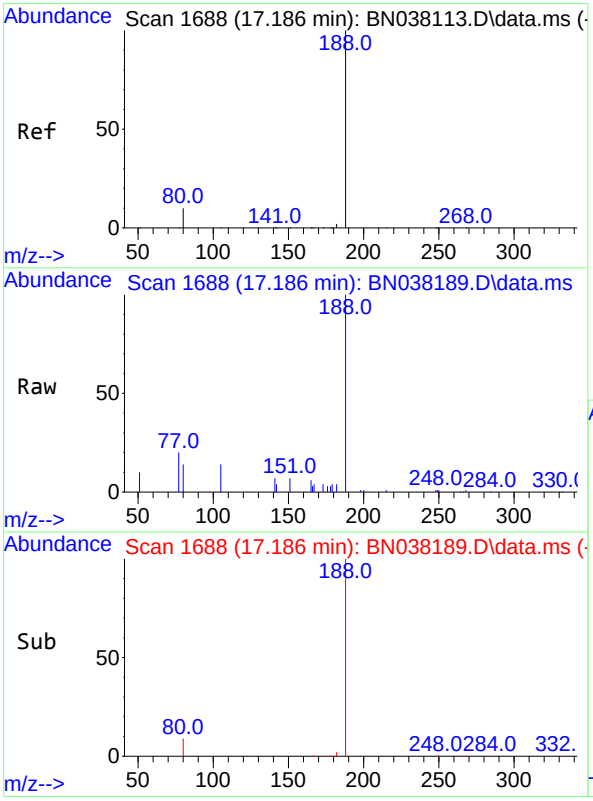


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:172 Resp: 24835

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.8	18.1	27.1

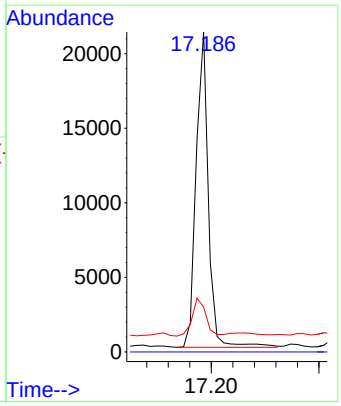


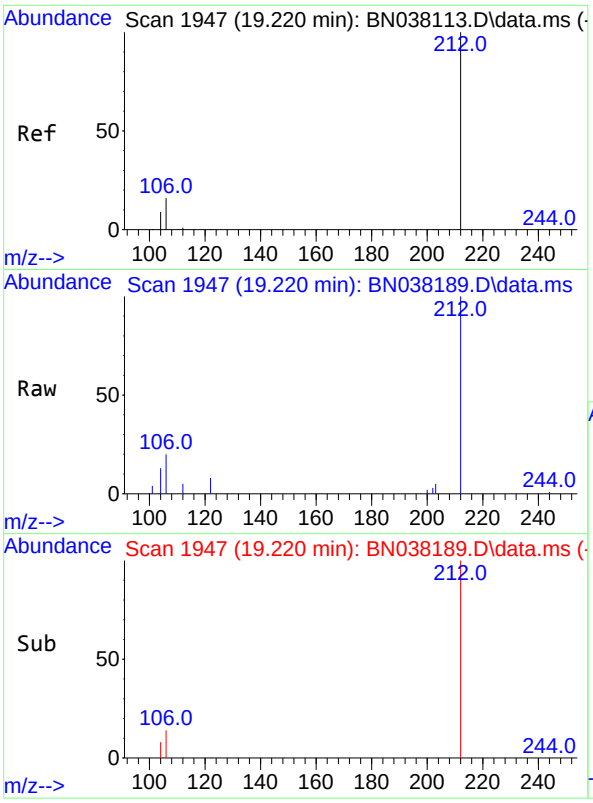


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:188 Resp: 33471

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	8.6	13.0#



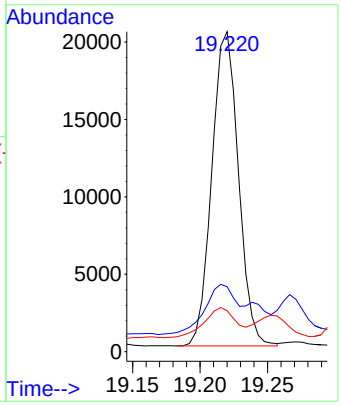


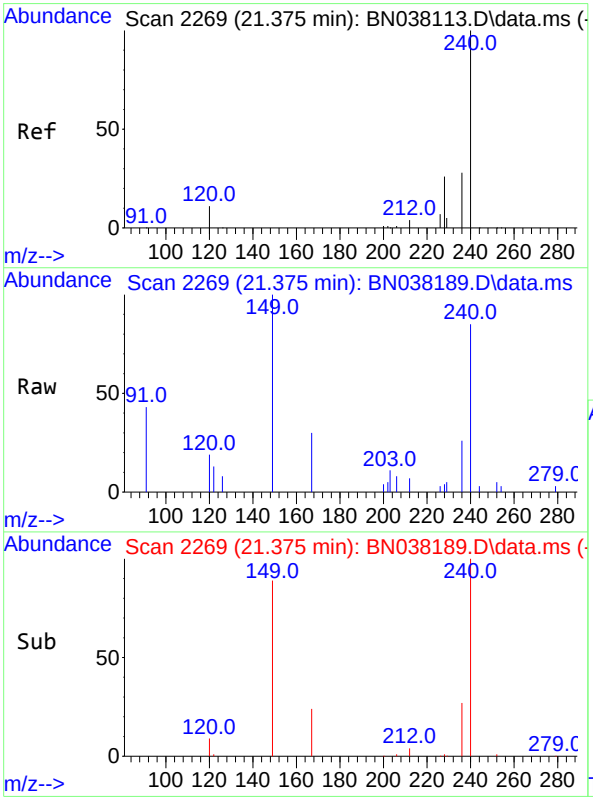
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:212 Resp: 27834

Ion	Ratio	Lower	Upper
212	100		
106	20.4	12.6	19.0#
104	11.4	7.1	10.7#

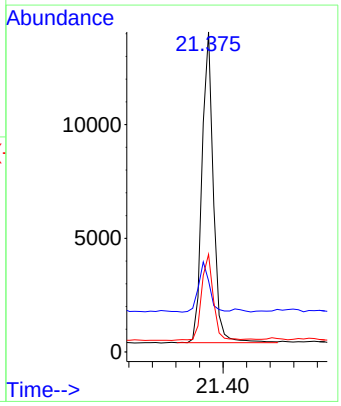


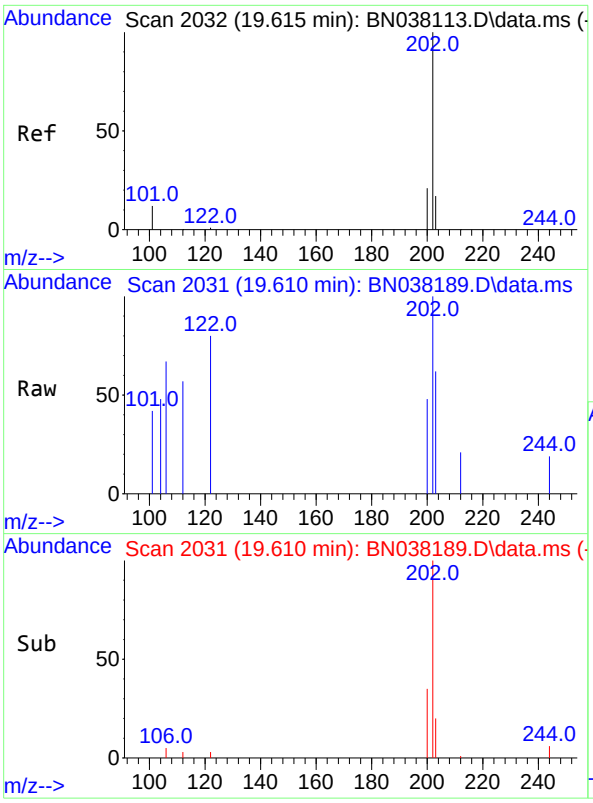


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:240 Resp: 18239

Ion	Ratio	Lower	Upper
240	100		
120	22.2	10.7	16.1#
236	30.5	23.1	34.7



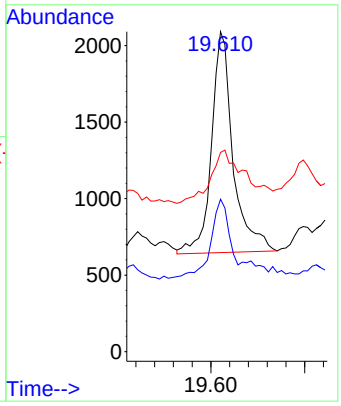


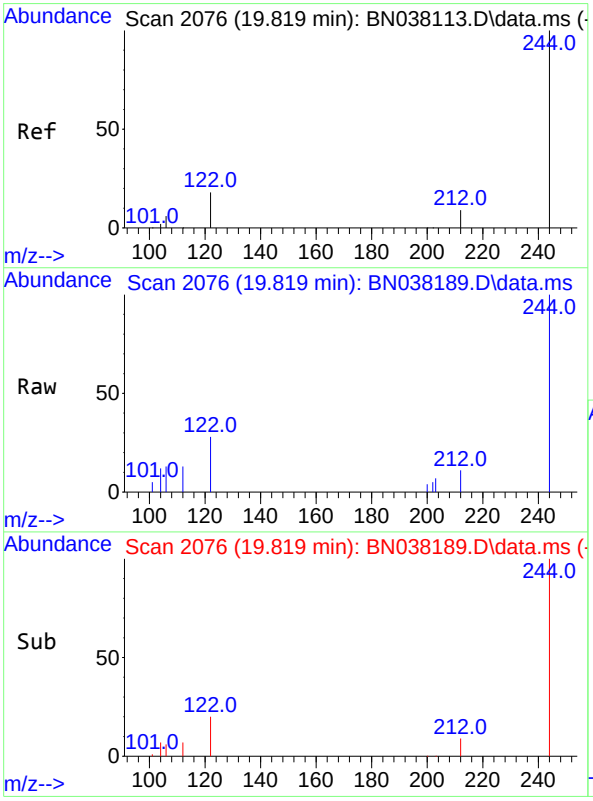
#30
Pyrene
Concen: 0.028 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:202 Resp: 2301

Ion	Ratio	Lower	Upper
202	100		
200	32.8	16.7	25.1#
203	39.9	14.2	21.2#

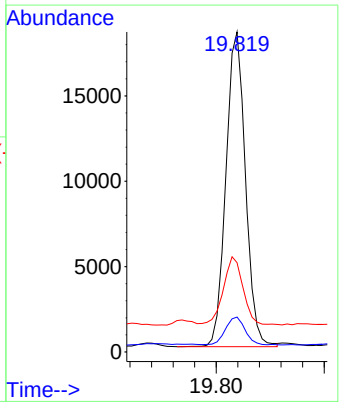


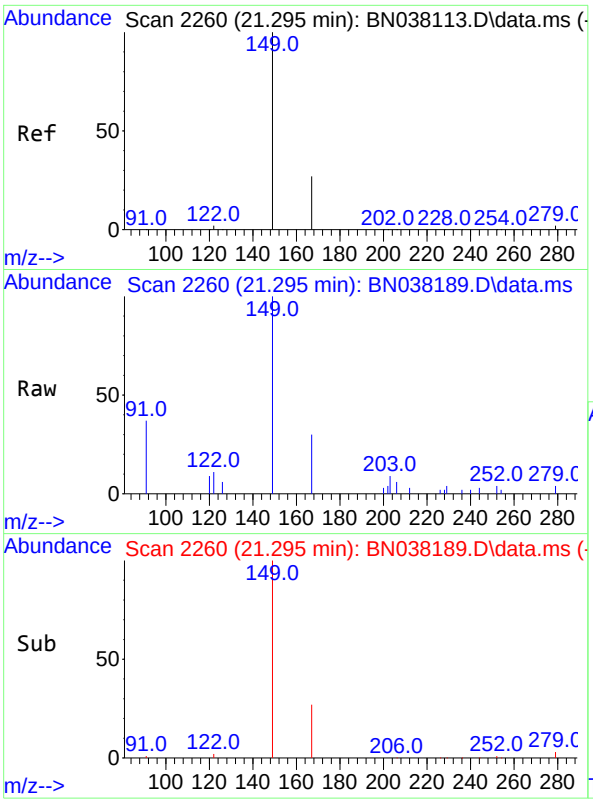


#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:244 Resp: 23192

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.8	11.6
122	27.9	15.2	22.8#



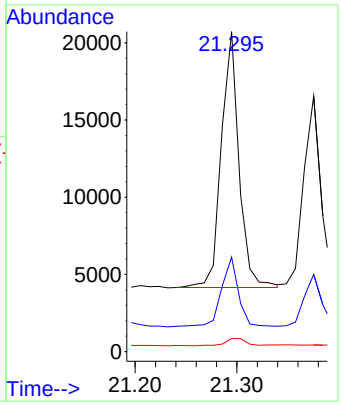


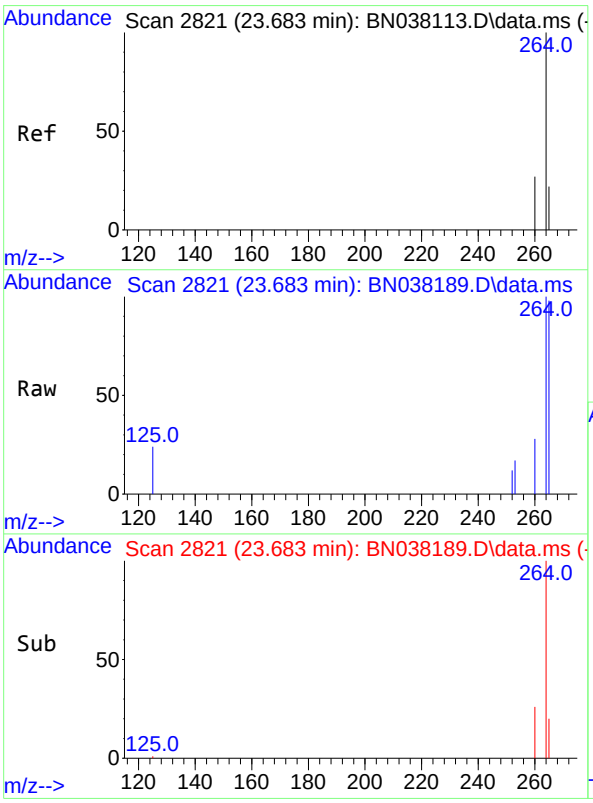
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.583 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:149 Resp: 19975

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.1	31.7
279	3.4	2.9	4.3

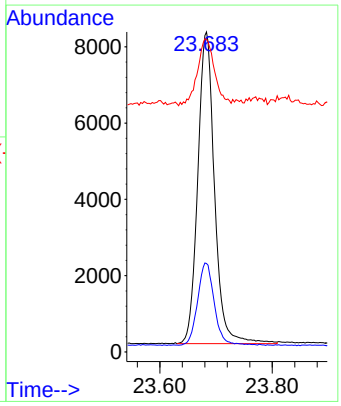




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038189.D
Acq: 12 Nov 2025 13:09

Tgt Ion:264 Resp: 16867

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	97.7	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038195.D
Acq On : 12 Nov 2025 16:47
Operator : RC/JU
Sample : Q3569-01DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Quant Time: Nov 12 17:11:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

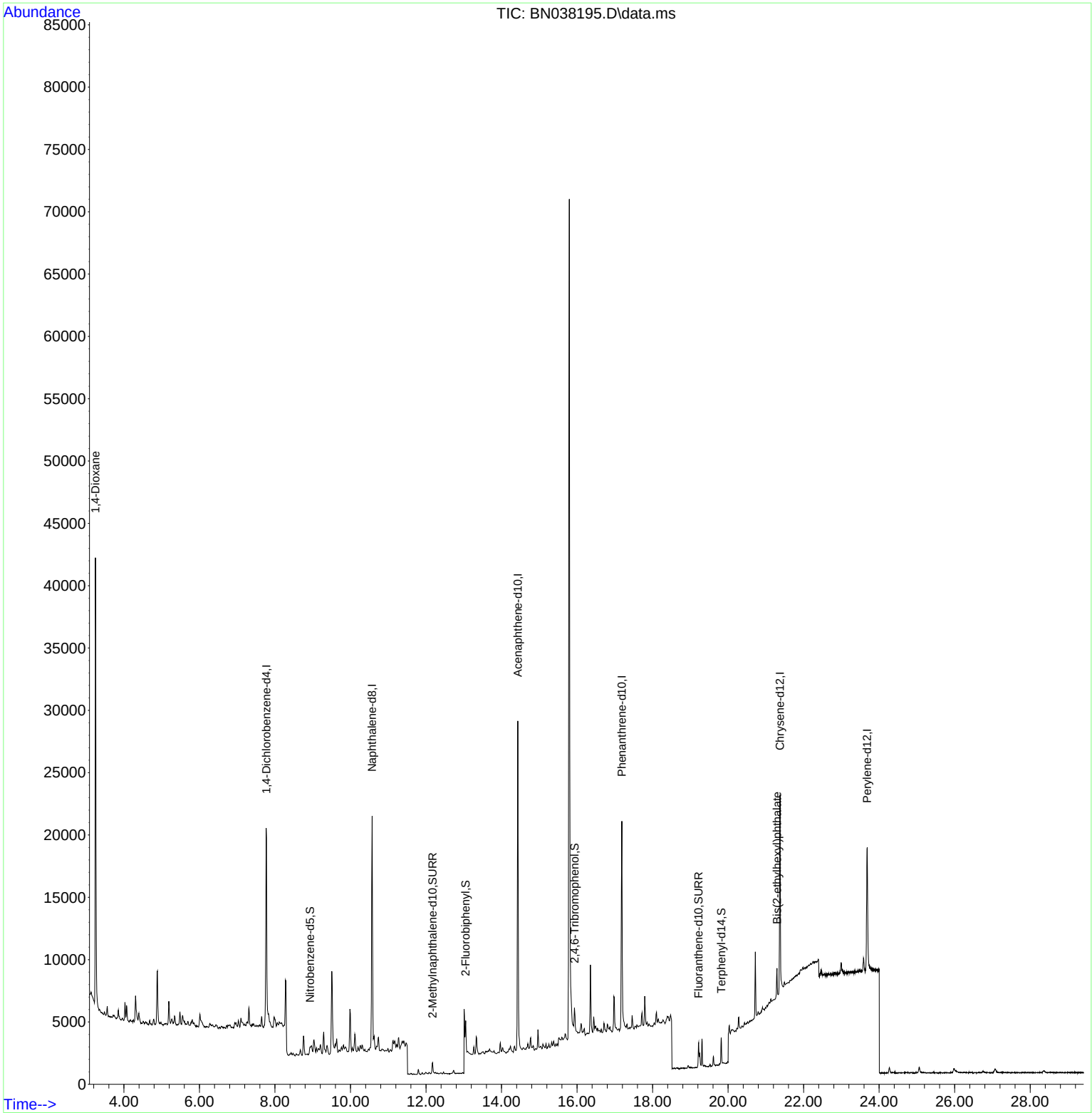
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7979	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25314	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14740	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25439	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15077	0.400	ng	0.00
35) Perylene-d12	23.683	264	14508	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	367	0.020	ng	0.00
5) Phenol-d6	6.937	99	348	0.015	ng	0.00
8) Nitrobenzene-d5	8.929	82	684	0.033	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	1157	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	275	0.045	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	2345	0.040	ng	0.00
27) Fluoranthene-d10	19.220	212	2230	0.035	ng	0.00
31) Terphenyl-d14	19.819	244	2015	0.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	22258	2.700	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2468	0.087	ng	99

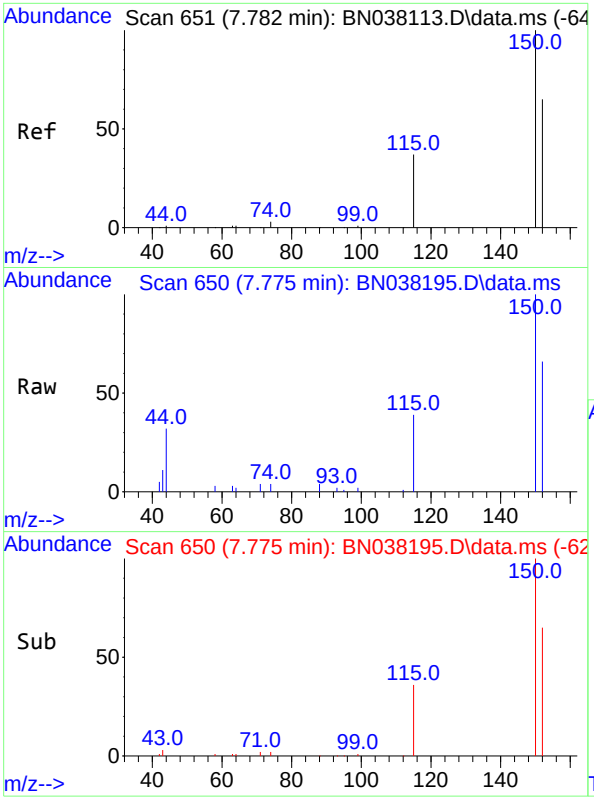
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038195.D
Acq On : 12 Nov 2025 16:47
Operator : RC/JU
Sample : Q3569-01DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Quant Time: Nov 12 17:11:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



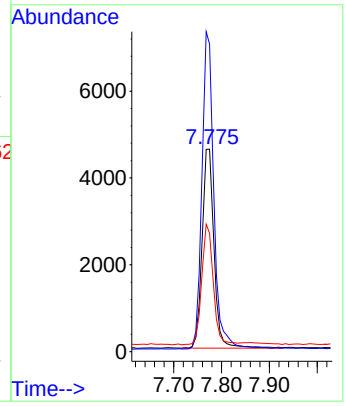


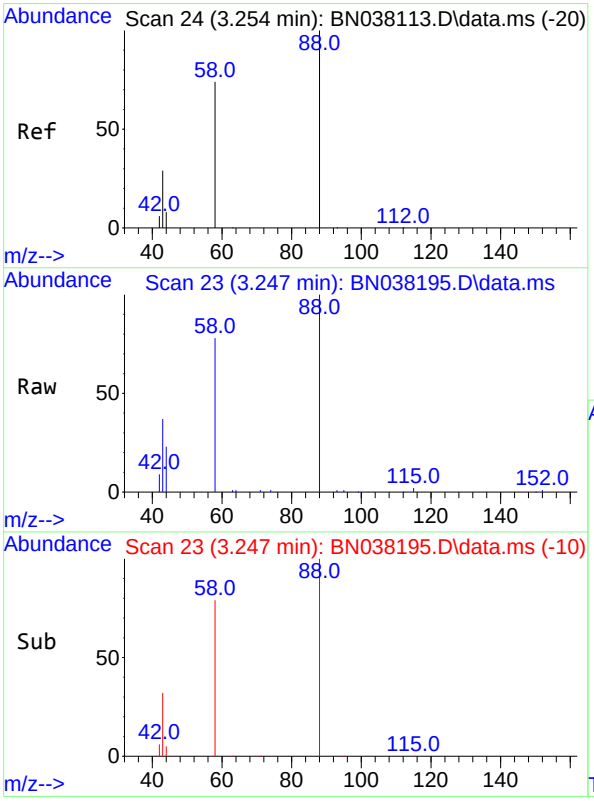
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:152 Resp: 7979

Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.3	183.5
115	58.5	47.4	71.0

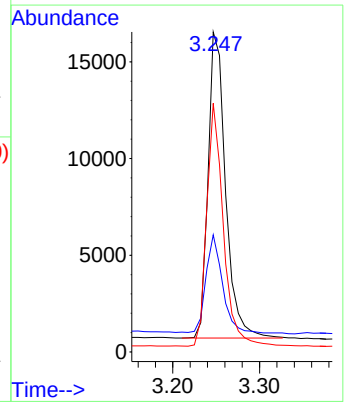


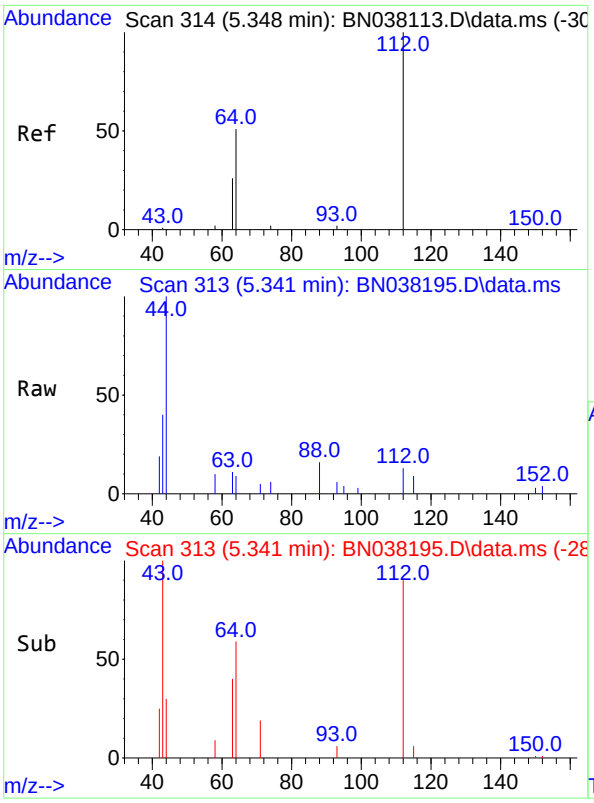


#2
1,4-Dioxane
Concen: 2.700 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion: 88 Resp: 22258

Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.3	36.5
58	75.2	60.4	90.6



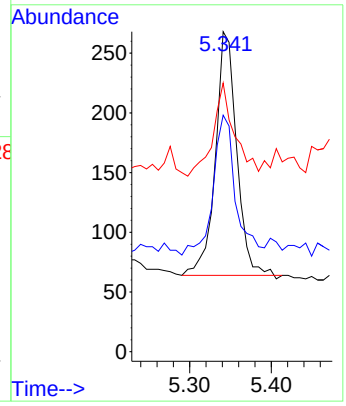


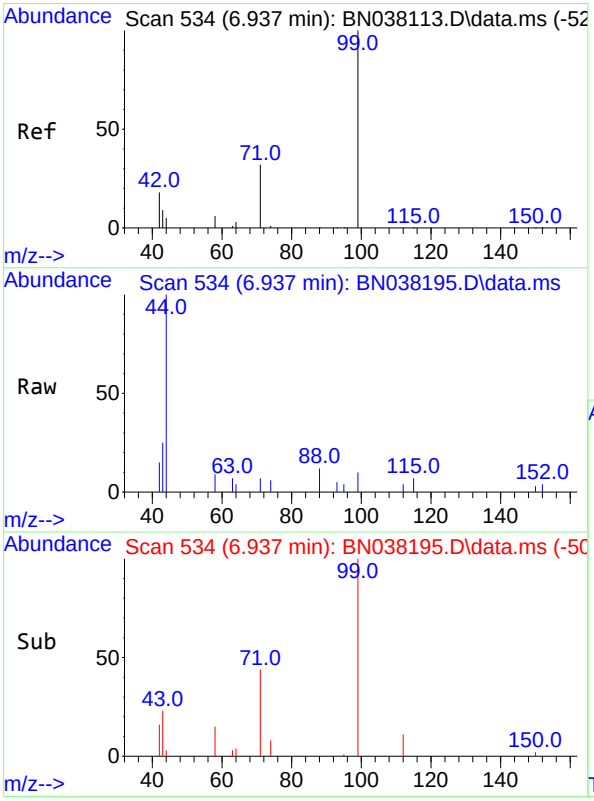
#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:112 Resp: 367

Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.4	68.0
63	39.0	23.2	34.8#

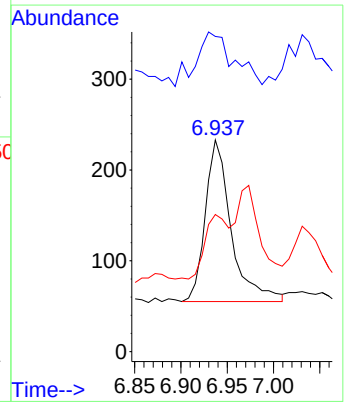


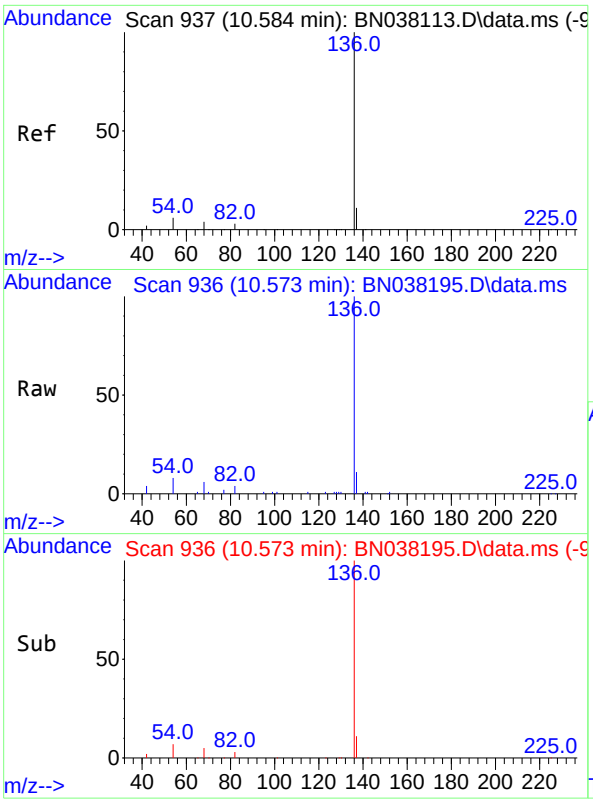


#5
Phenol-d6
Concen: 0.015 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion: 99 Resp: 348

Ion	Ratio	Lower	Upper
99	100		
42	45.7	16.6	24.8#
71	37.1	25.4	38.2



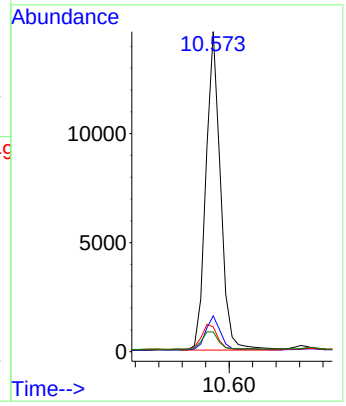


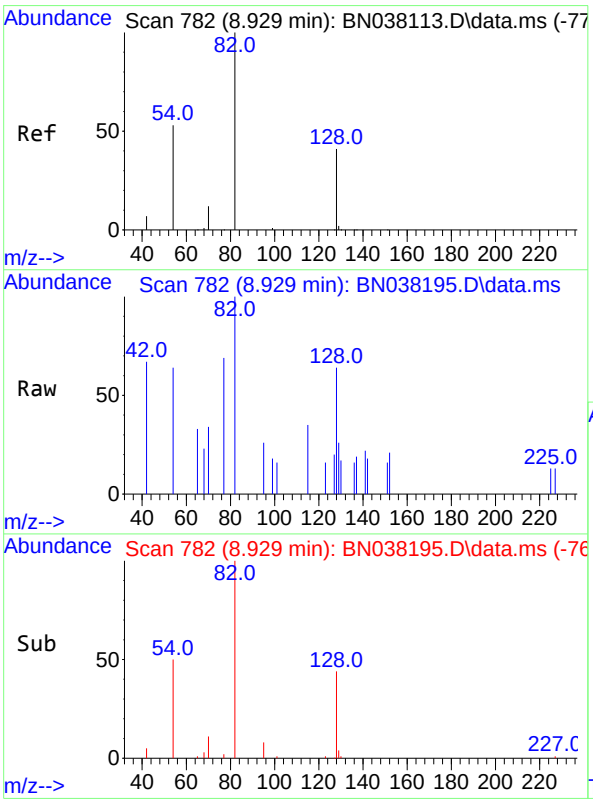
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:136 Resp: 25314

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.8	5.2	7.8
68	6.2	4.1	6.1#

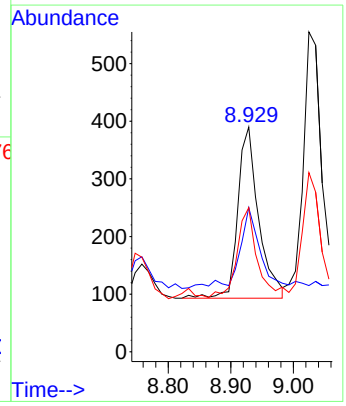


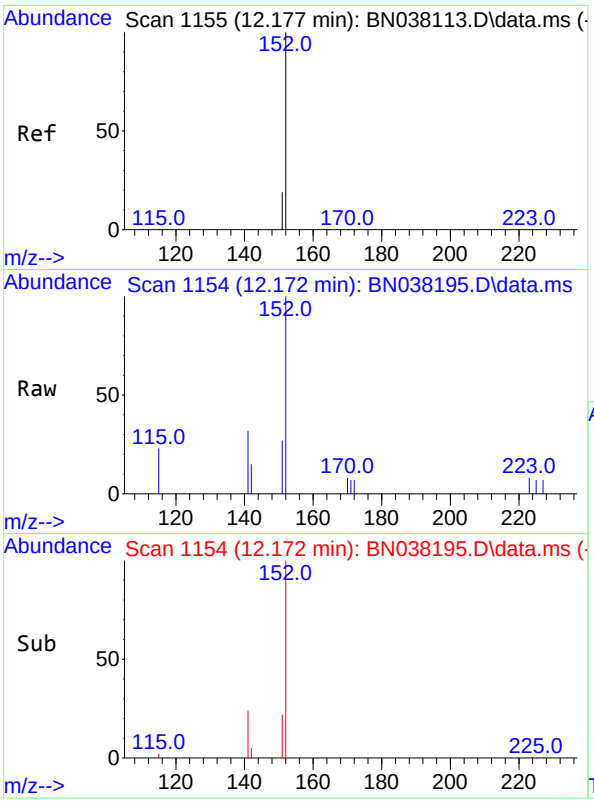


#8
Nitrobenzene-d5
Concen: 0.033 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion: 82 Resp: 684

Ion	Ratio	Lower	Upper
82	100		
128	64.1	34.1	51.1#
54	64.1	43.5	65.3



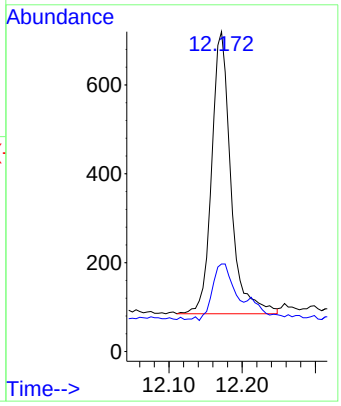


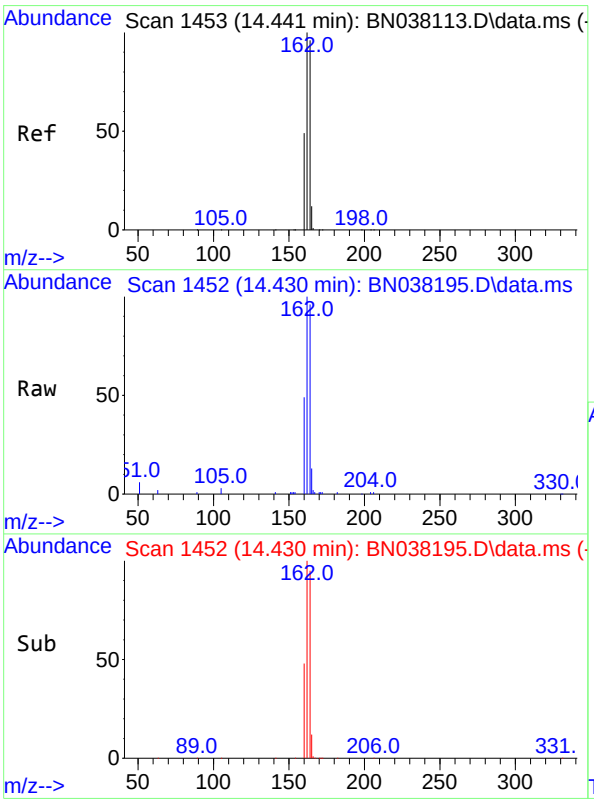
#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:152 Resp: 1157

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.8	25.2

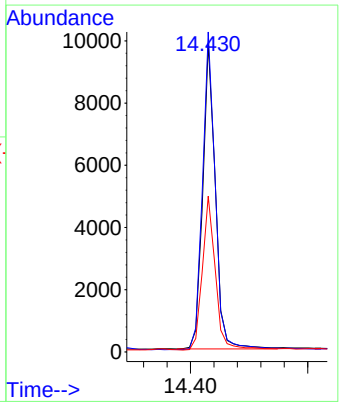


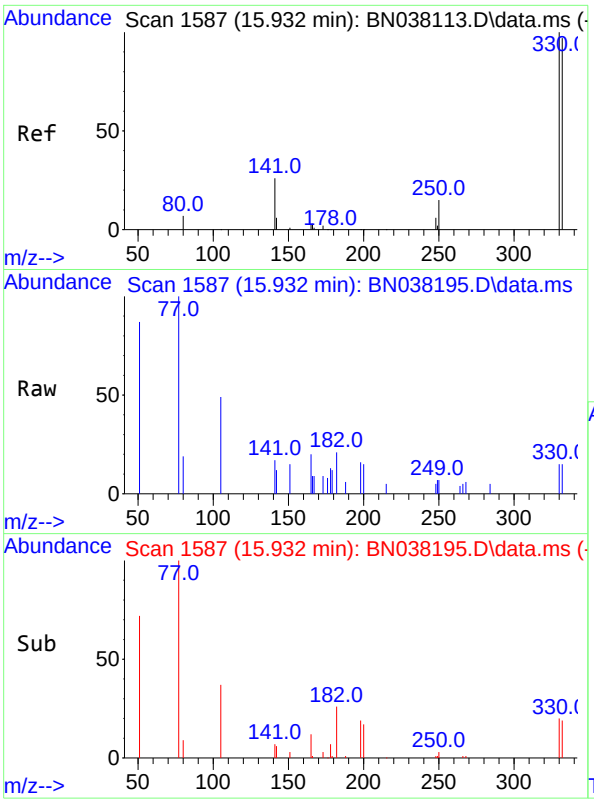


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:164 Resp: 14740

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.4
160	50.6	40.7	61.1



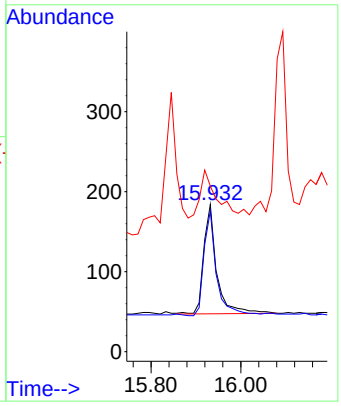


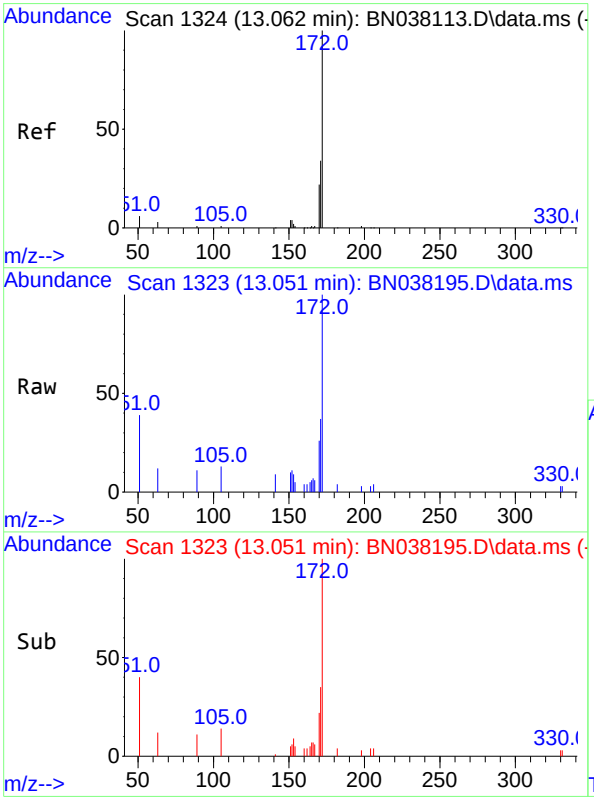
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:330 Resp: 275

Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.6	114.8
141	63.6	34.1	51.1#

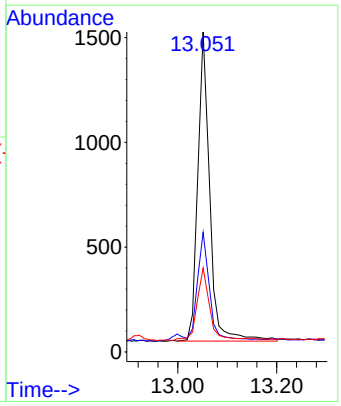


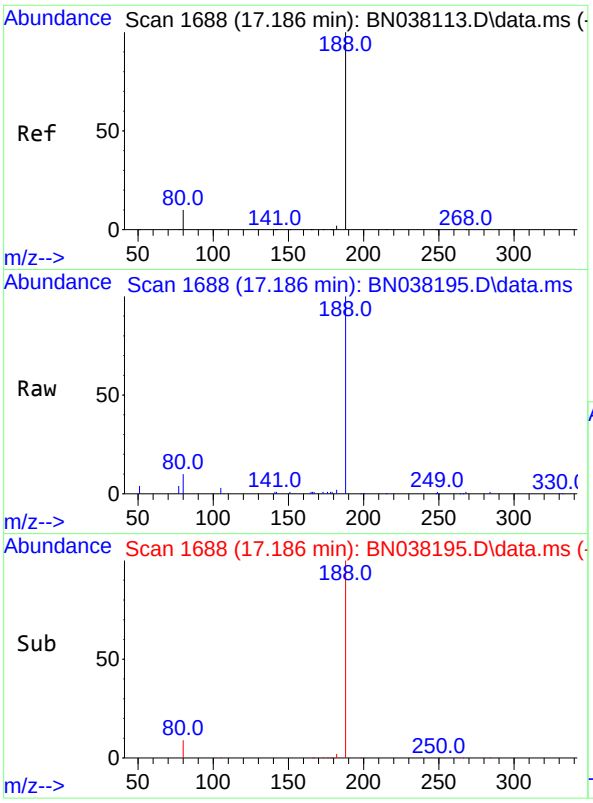


#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:172 Resp: 2345

Ion	Ratio	Lower	Upper
172	100		
171	37.3	27.8	41.6
170	26.3	18.1	27.1



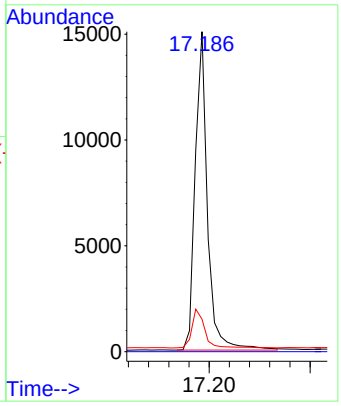


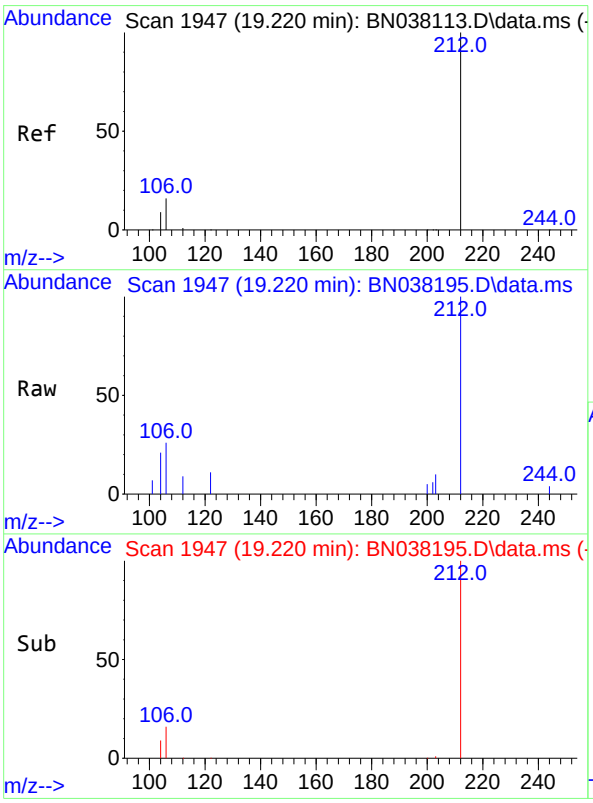
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:188 Resp: 25439

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.6	13.0

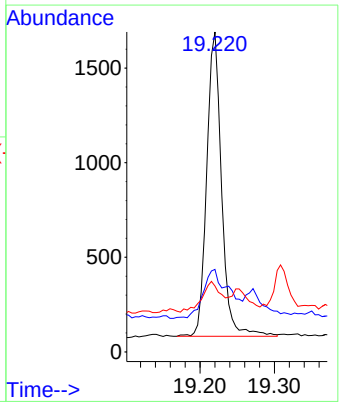


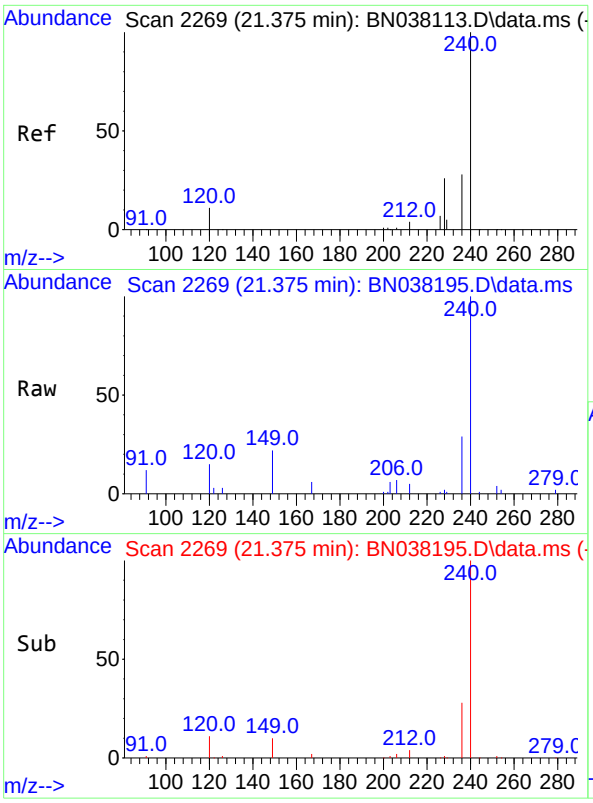


#27
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:212 Resp: 2230

Ion	Ratio	Lower	Upper
212	100		
106	28.2	12.6	19.0#
104	12.6	7.1	10.7#



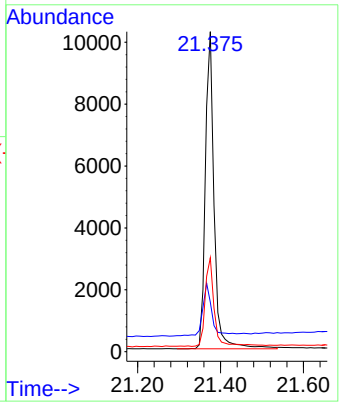


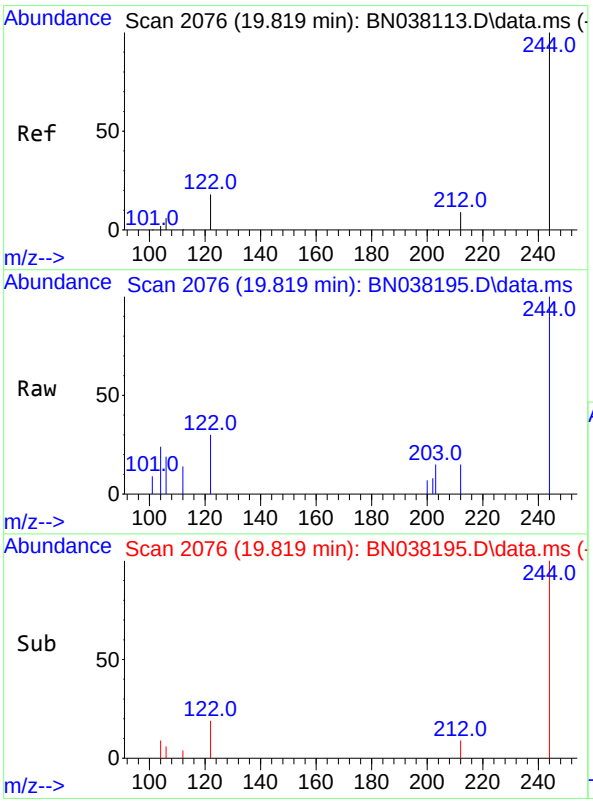
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:240 Resp: 15077

Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.7	16.1
236	29.4	23.1	34.7

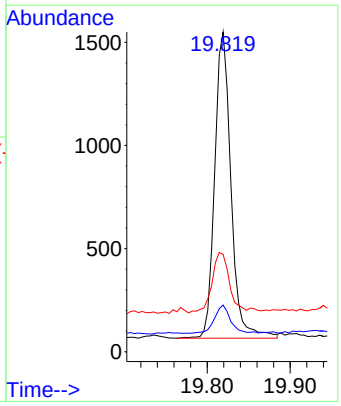


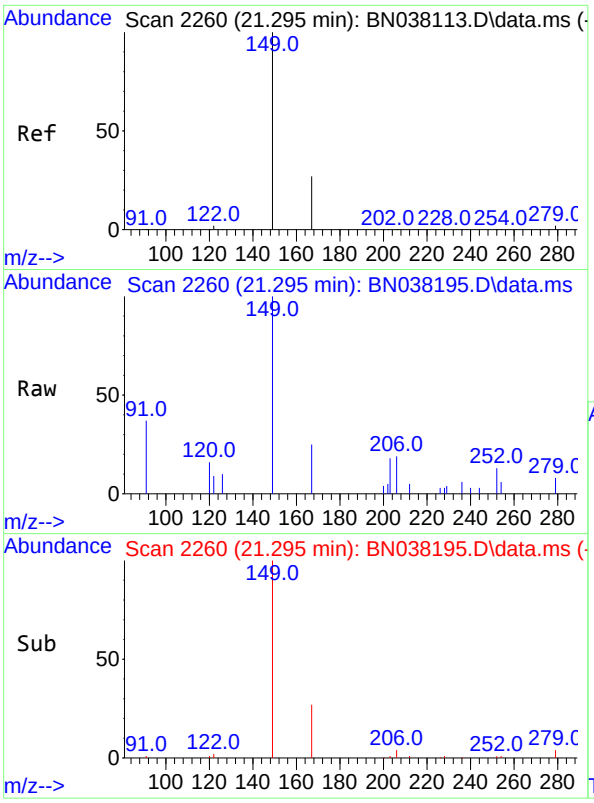


#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:244 Resp: 2015

Ion	Ratio	Lower	Upper
244	100		
212	14.6	7.8	11.6#
122	30.5	15.2	22.8#



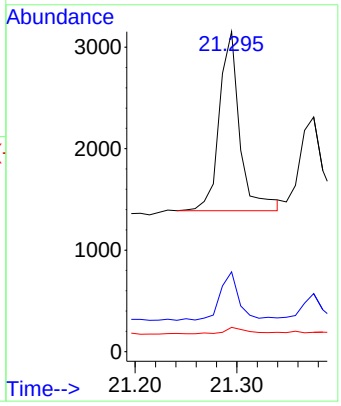


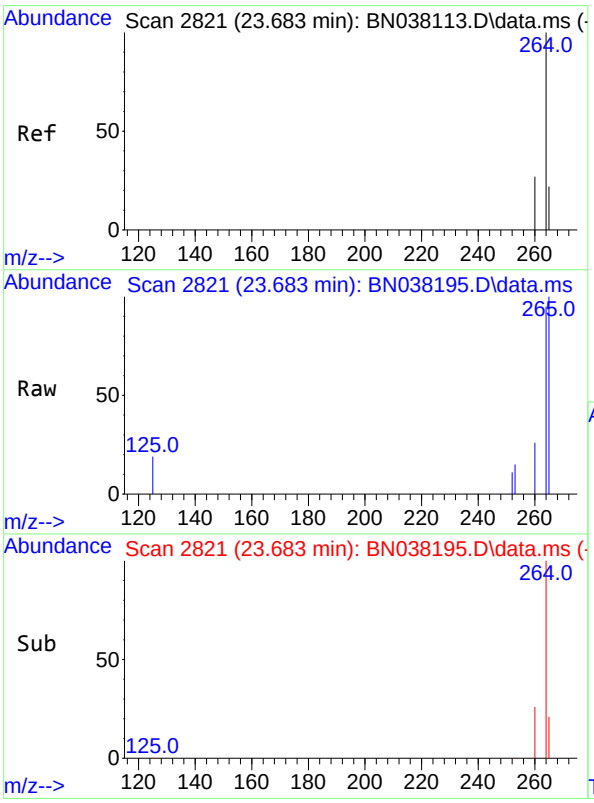
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:149 Resp: 2468

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.1	31.7
279	3.7	2.9	4.3

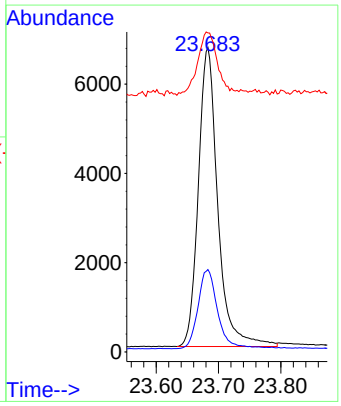




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038195.D
Acq: 12 Nov 2025 16:47

Tgt Ion:264 Resp: 14508

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	104.8	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038187.D
Acq On : 12 Nov 2025 11:56
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12

Quant Time: Nov 12 12:20:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

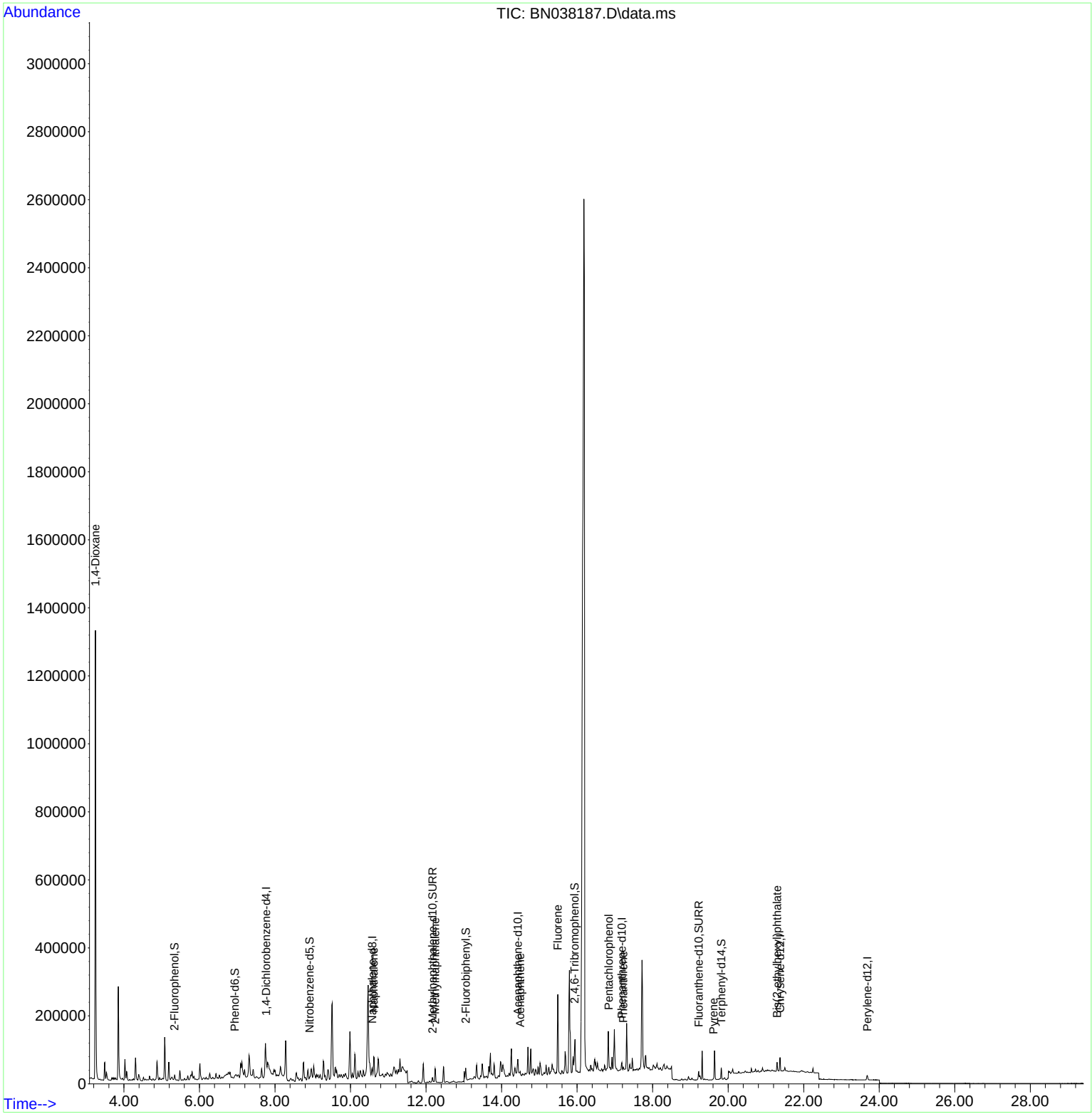
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9896	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33487	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	32721	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32892	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18590	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	18643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	5010	0.215	ng	0.00
5) Phenol-d6	6.937	99	3888	0.137	ng	0.00
8) Nitrobenzene-d5	8.918	82	11346	0.420	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16494	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4032	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	28444	0.217	ng	0.00
27) Fluoranthene-d10	19.220	212	26290	0.317	ng	0.00
31) Terphenyl-d14	19.819	244	22910	0.567	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	794647	77.716	ng	98
9) Naphthalene	10.616	128	82244	0.892	ng	98
12) 2-Methylnaphthalene	12.243	142	30122	0.490	ng	95
17) Acenaphthene	14.494	154	8661	0.084	ng	94
18) Fluorene	15.489	166	10440	0.077	ng	# 32
24) Pentachlorophenol	16.838	266	572	0.054	ng	88
25) Phenanthrene	17.223	178	11353	0.109	ng	# 73
30) Pyrene	19.610	202	3065	0.037	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.295	149	24436	0.700	ng	94

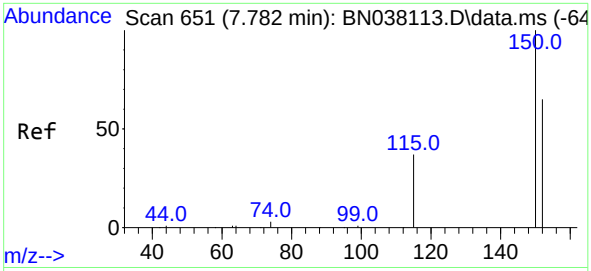
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038187.D
Acq On : 12 Nov 2025 11:56
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12

Quant Time: Nov 12 12:20:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



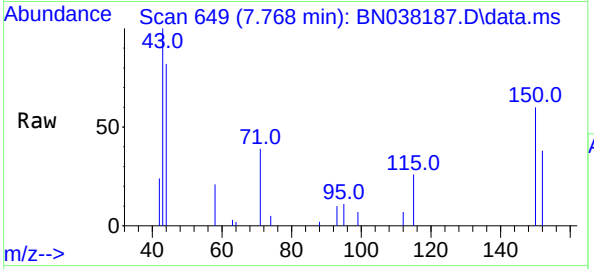


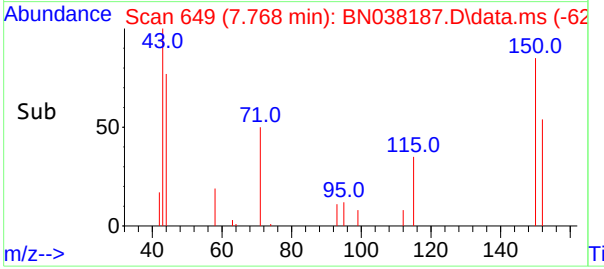
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

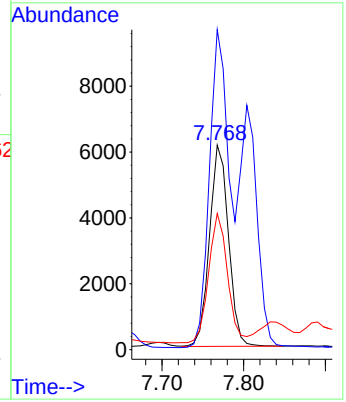
Instrument :
BNA_N
ClientSampleId :
MW-12

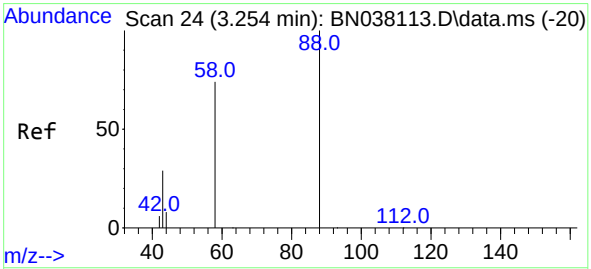
Tgt Ion:152 Resp: 9896

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.3	183.5
115	66.5	47.4	71.0





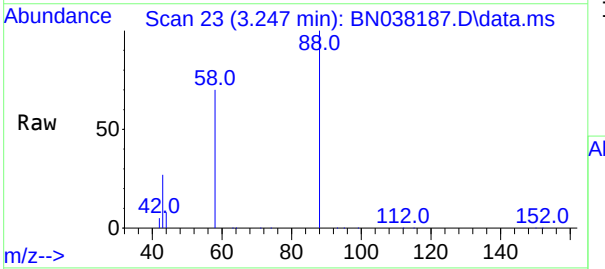


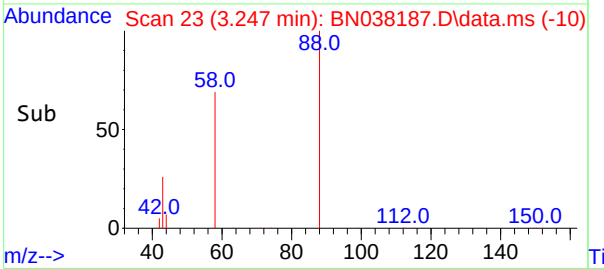


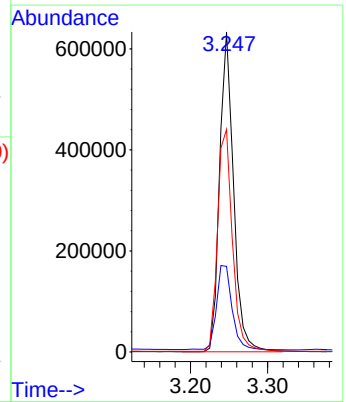
#2
1,4-Dioxane
Concen: 77.716 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

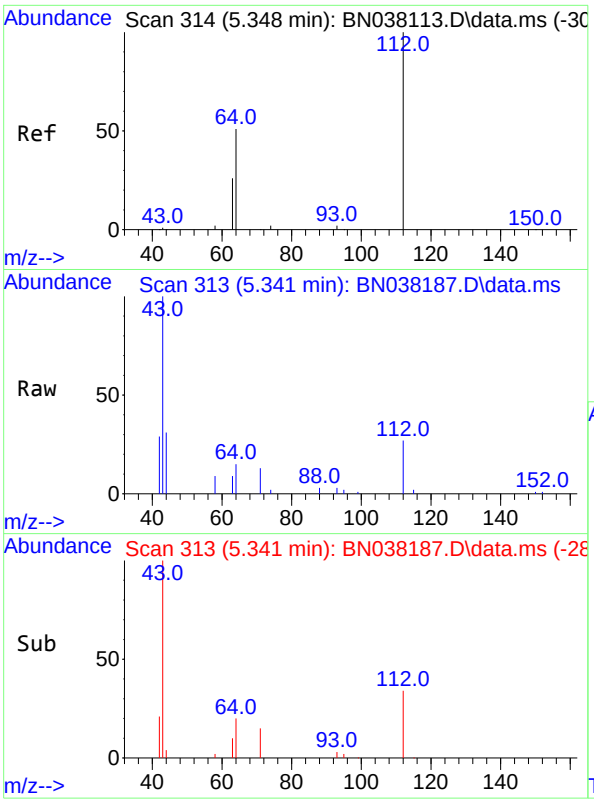
Tgt Ion: 88 Resp: 794647

Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.3	36.5
58	73.9	60.4	90.6







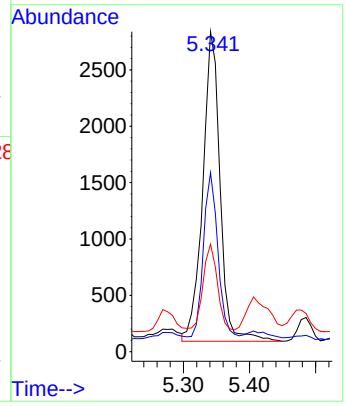


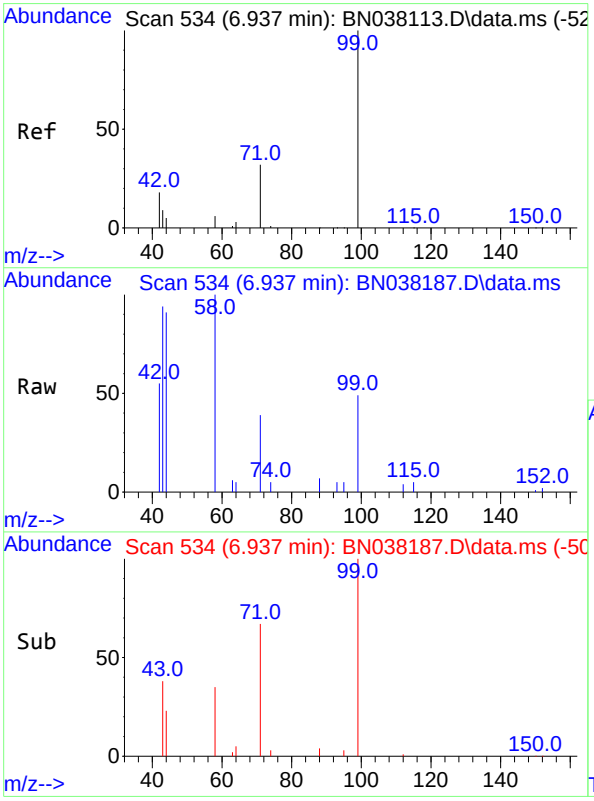
#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.341 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 5010

Ion	Ratio	Lower	Upper
112	100		
64	46.1	45.4	68.0
63	24.5	23.2	34.8

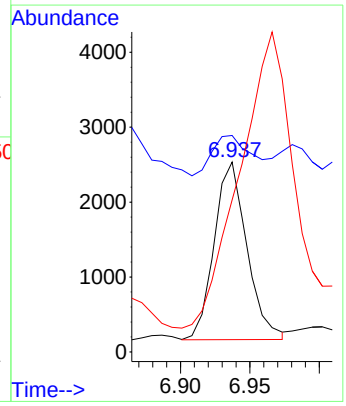


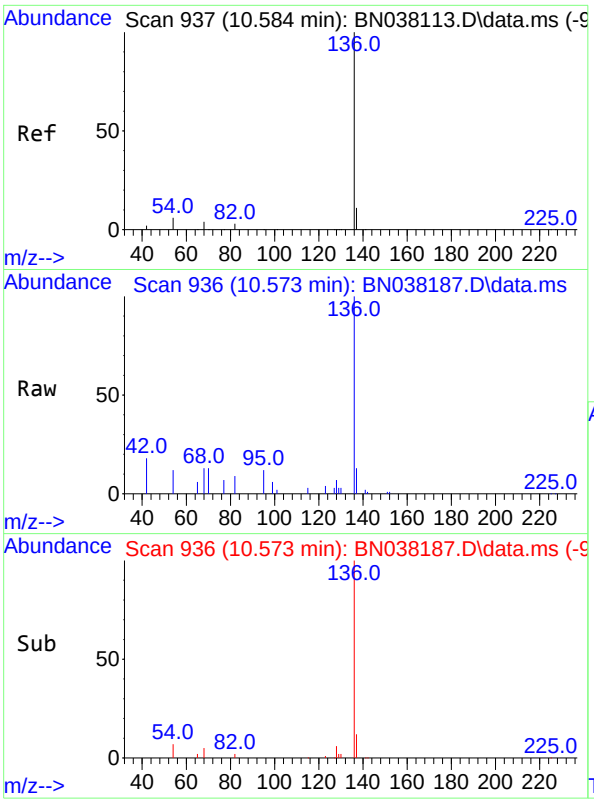


#5
Phenol-d6
Concen: 0.137 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion: 99 Resp: 3888

Ion	Ratio	Lower	Upper
99	100		
42	26.0	16.6	24.8#
71	0.0	25.4	38.2#



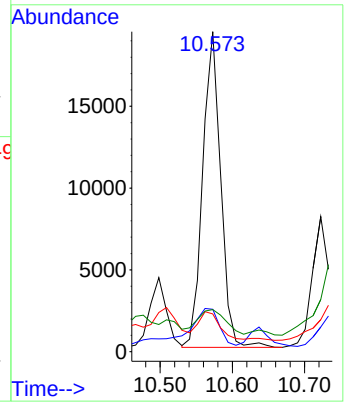


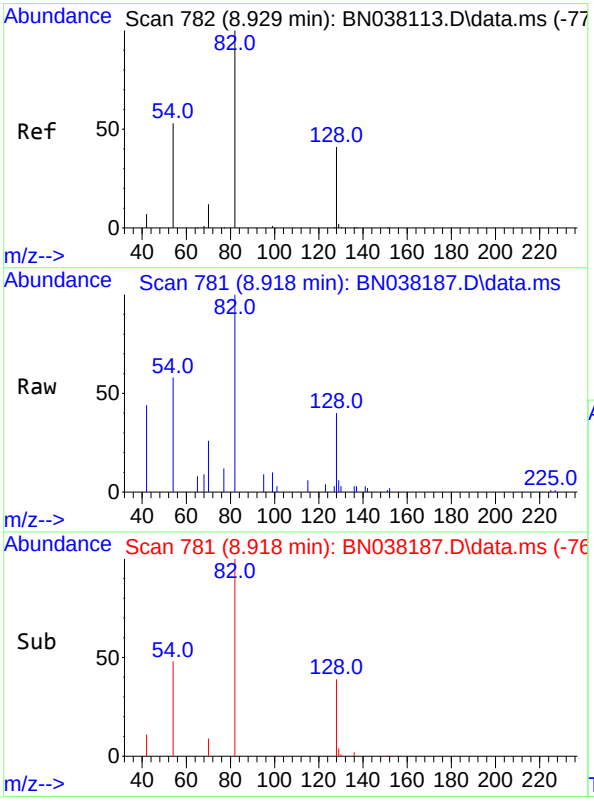
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 33487

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.0	13.4
54	11.8	5.2	7.8#
68	13.2	4.1	6.1#

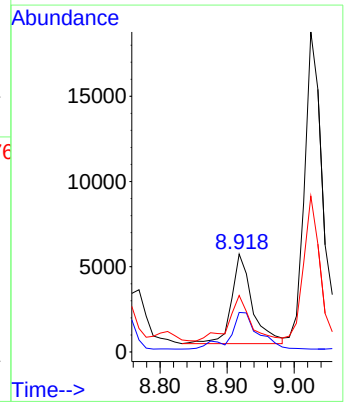


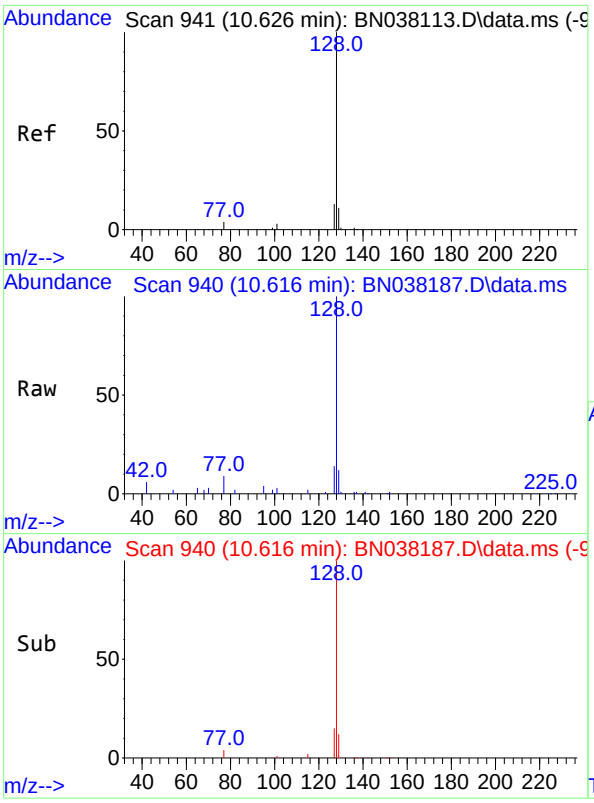


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion: 82 Resp: 11346

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.1	51.1
54	57.7	43.5	65.3



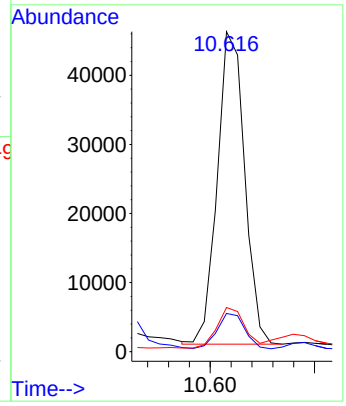


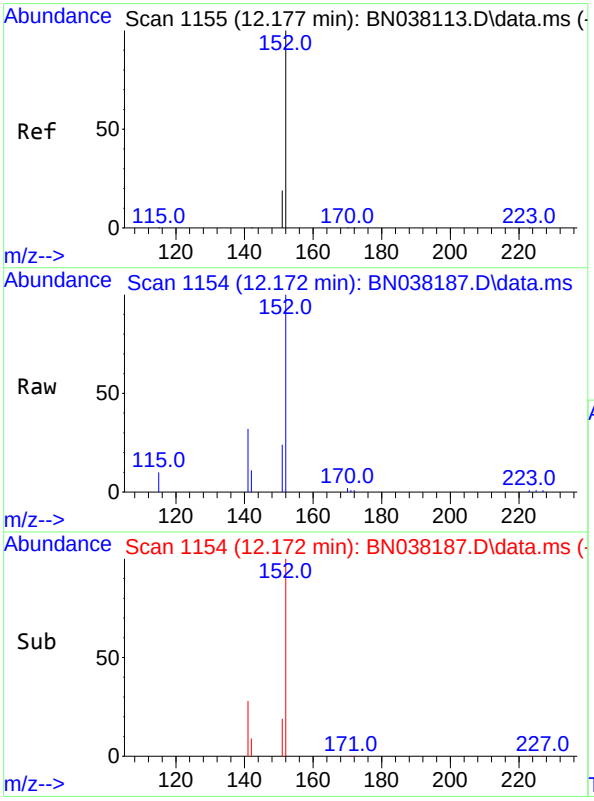
#9
Naphthalene
Concen: 0.892 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:128 Resp: 82244

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.8	10.5	15.7

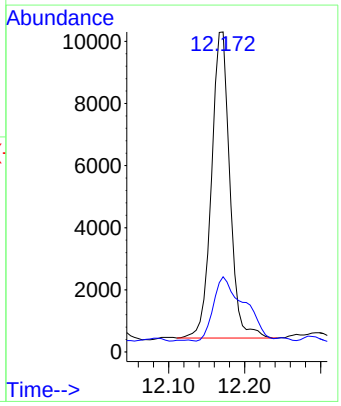


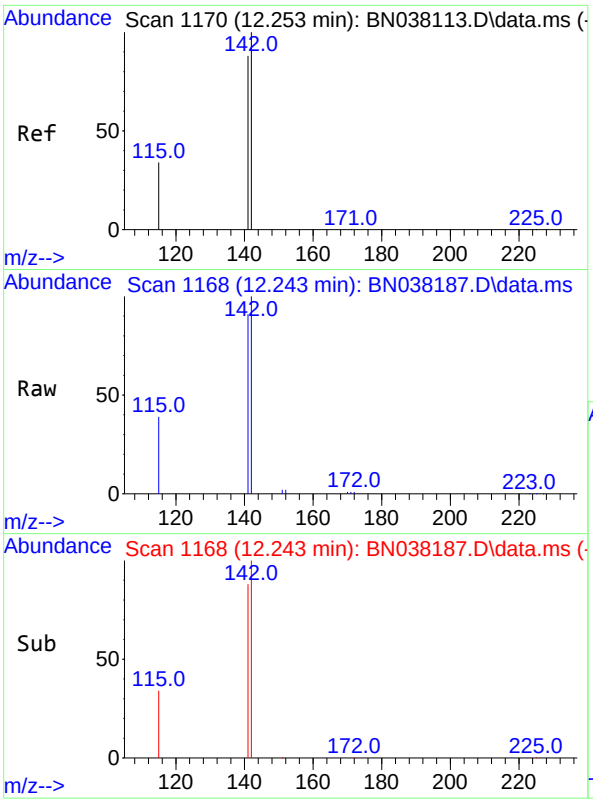


#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:152 Resp: 16494

Ion	Ratio	Lower	Upper
152	100		
151	35.6	16.8	25.2#



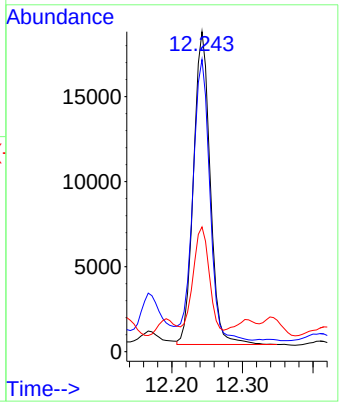


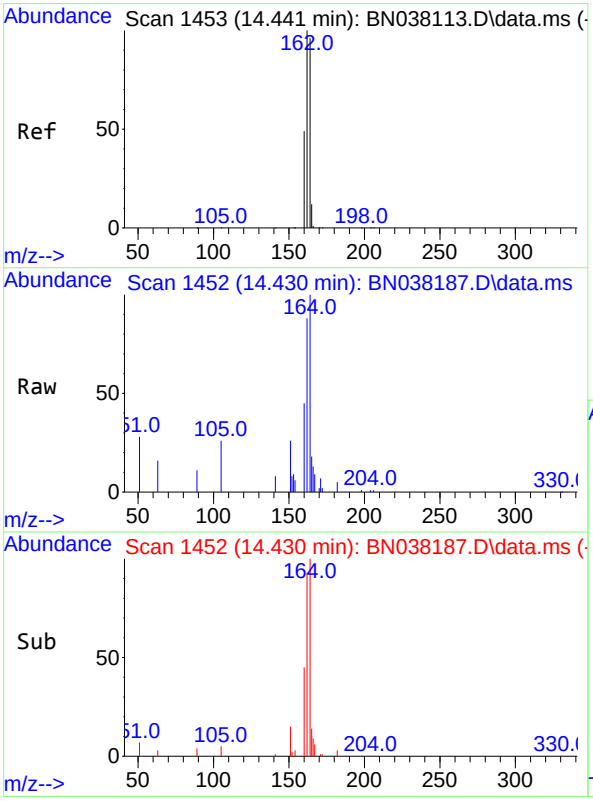
#12
2-Methylnaphthalene
Concen: 0.490 ng
RT: 12.243 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:142 Resp: 30122

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.3	105.5
115	39.0	27.8	41.6

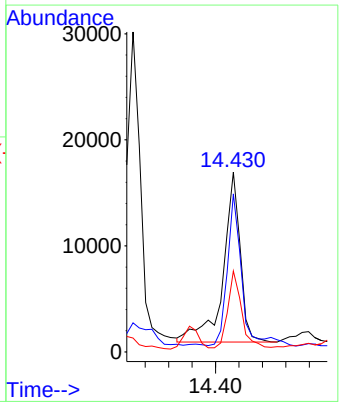


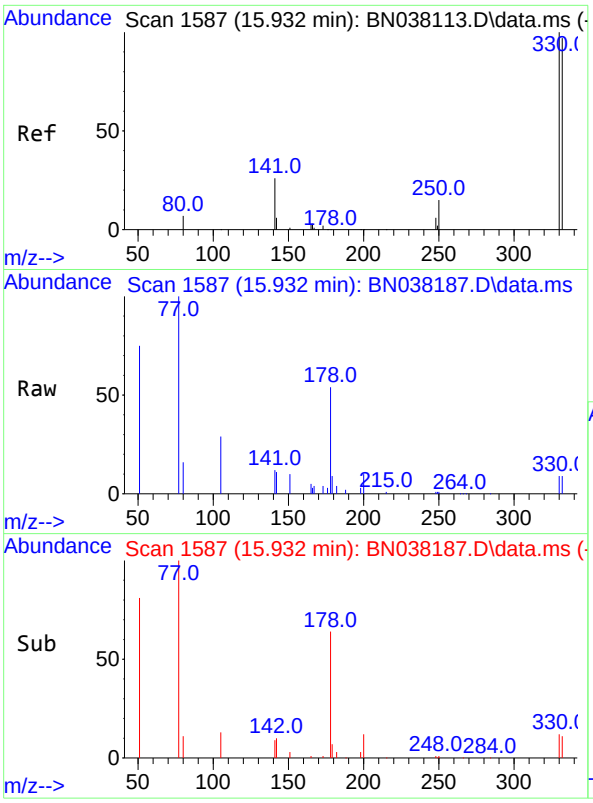


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:164 Resp: 32721

Ion	Ratio	Lower	Upper
164	100		
162	88.0	83.0	124.4
160	45.0	40.7	61.1



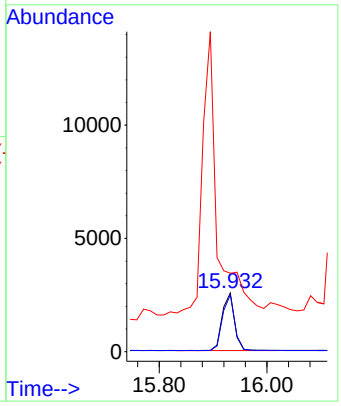


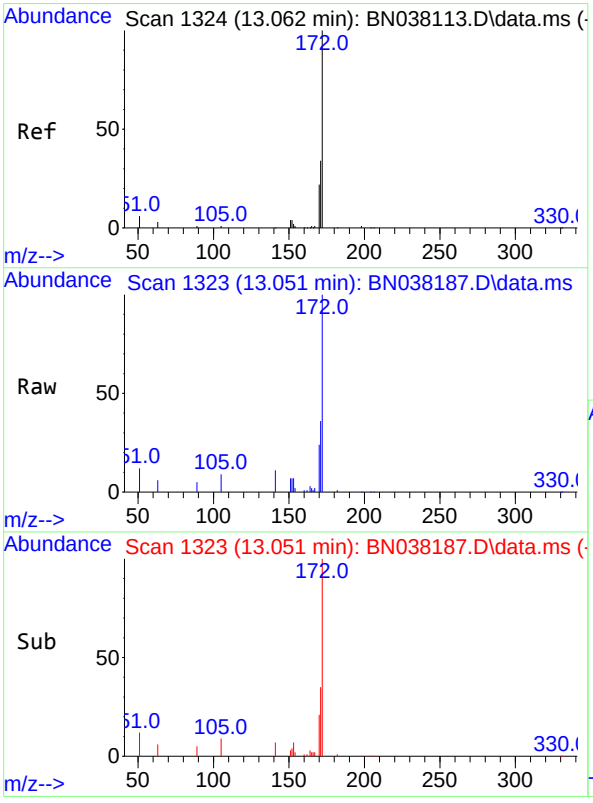
#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 4032

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	0.0	34.1	51.1#

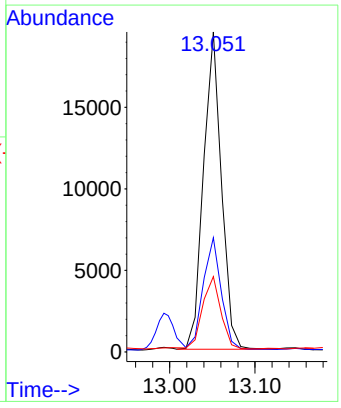


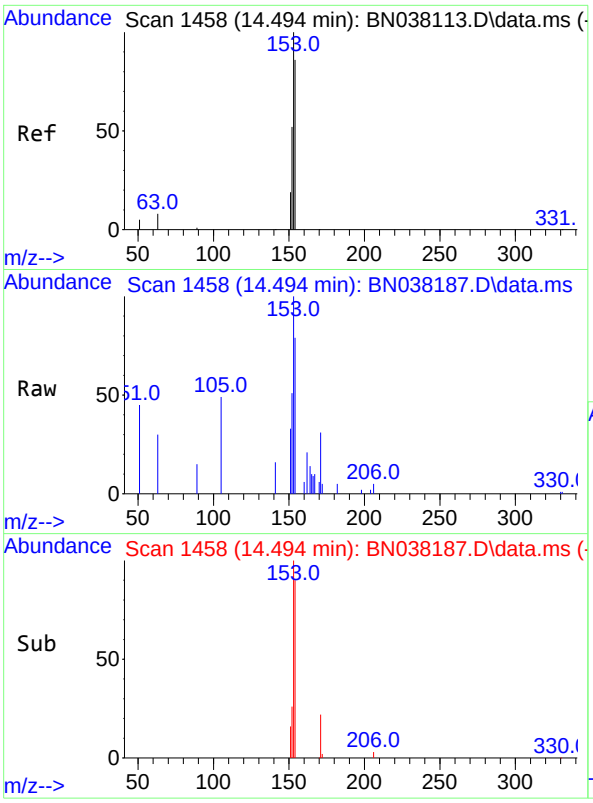


#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:172 Resp: 28444

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.6	18.1	27.1



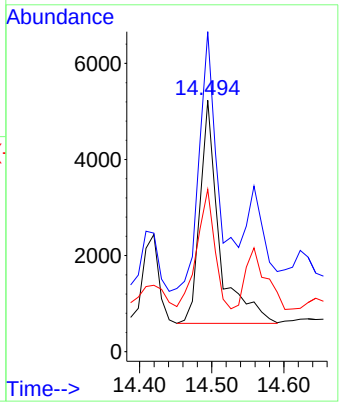


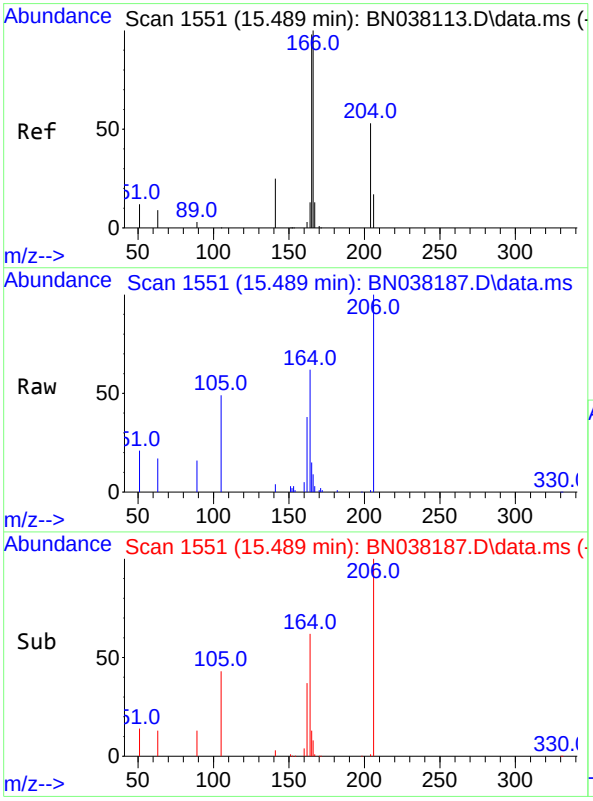
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:154 Resp: 8661

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.0	135.0
152	48.7	47.3	70.9

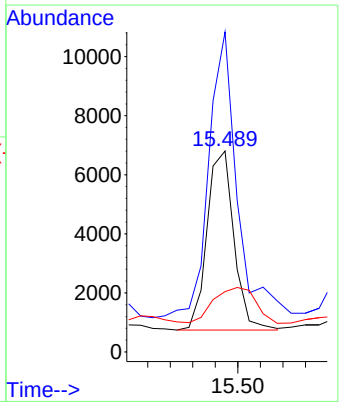


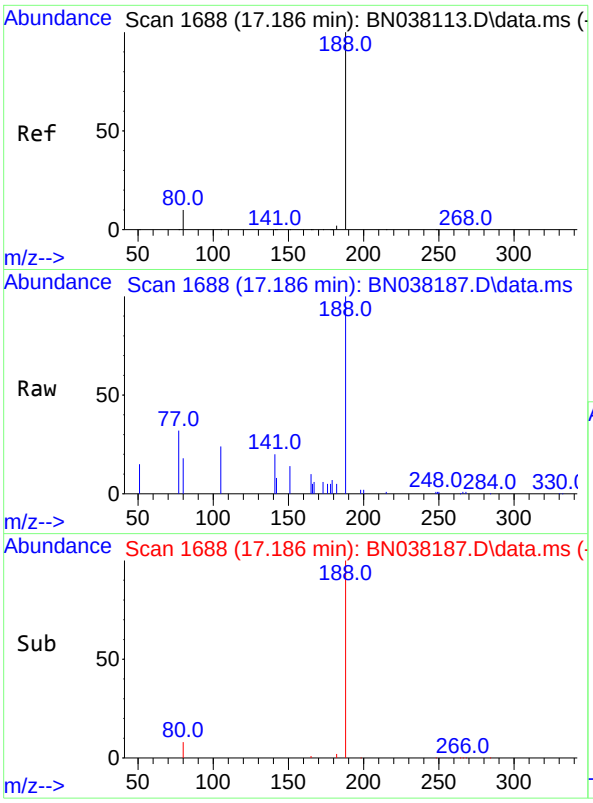


#18
Fluorene
Concen: 0.077 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:166 Resp: 10440

Ion	Ratio	Lower	Upper
166	100		
165	169.2	79.0	118.4#
167	30.3	10.7	16.1#



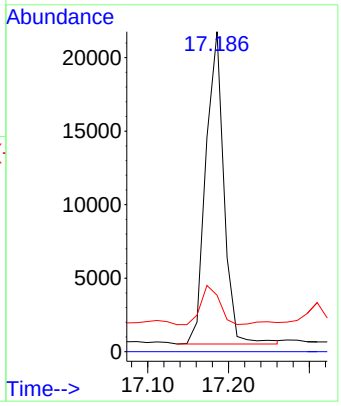


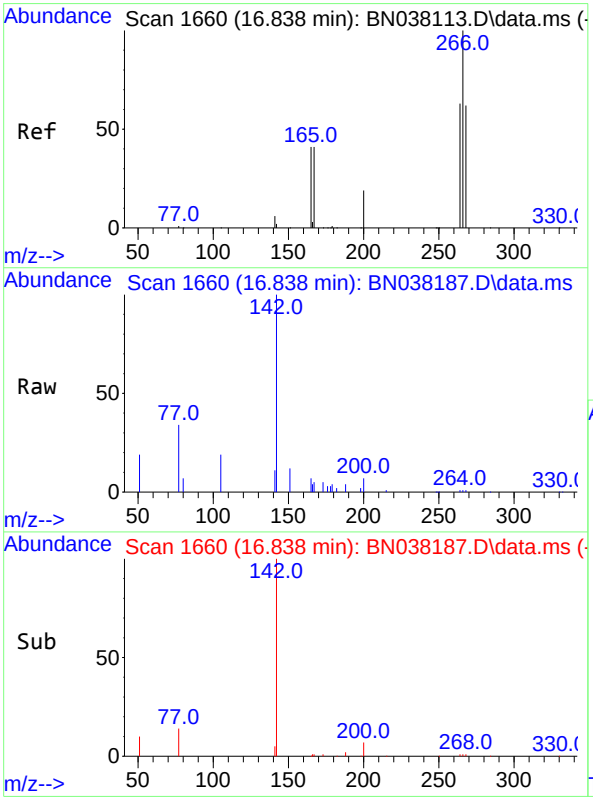
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 32892

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.6	8.6	13.0#

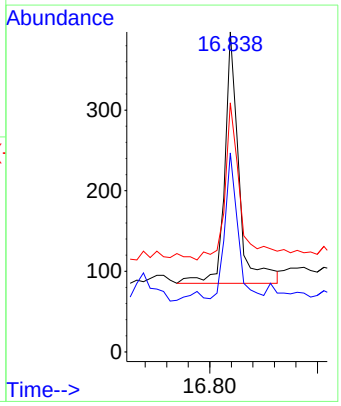


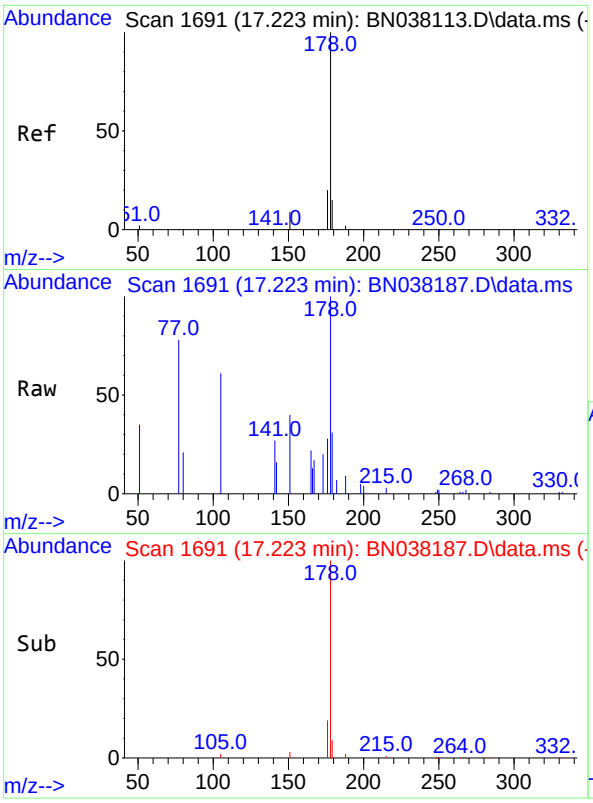


#24
Pentachlorophenol
Concen: 0.054 ng
RT: 16.838 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:266 Resp: 572

Ion	Ratio	Lower	Upper
266	100		
264	51.9	49.3	73.9
268	71.9	50.6	75.8



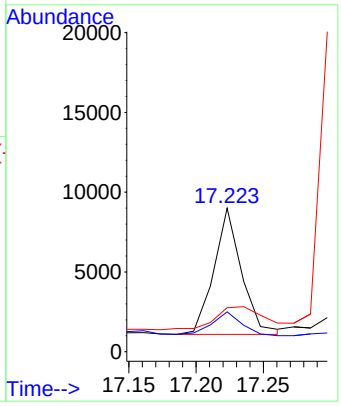


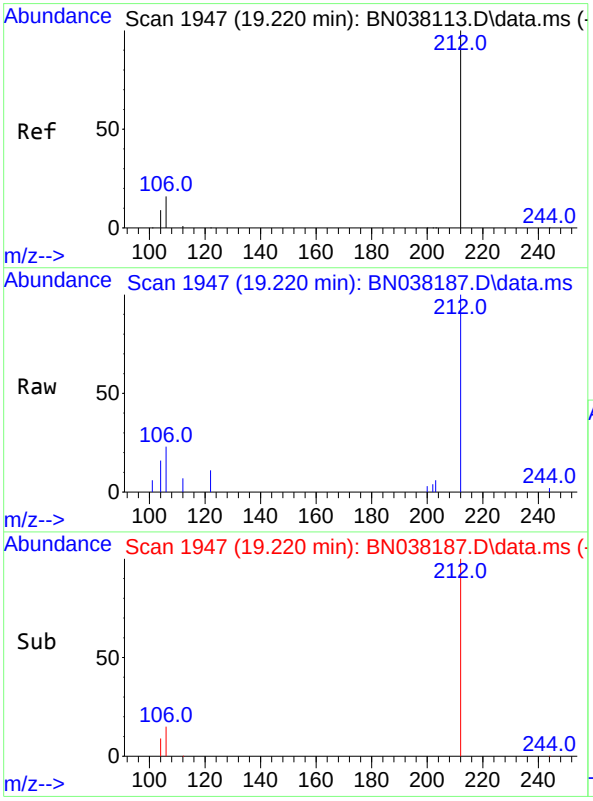
#25
Phenanthrene
Concen: 0.109 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:178 Resp: 11353

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	40.1	12.2	18.4#

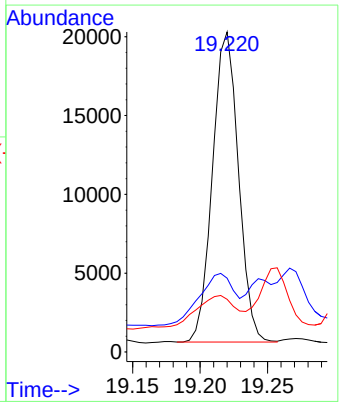


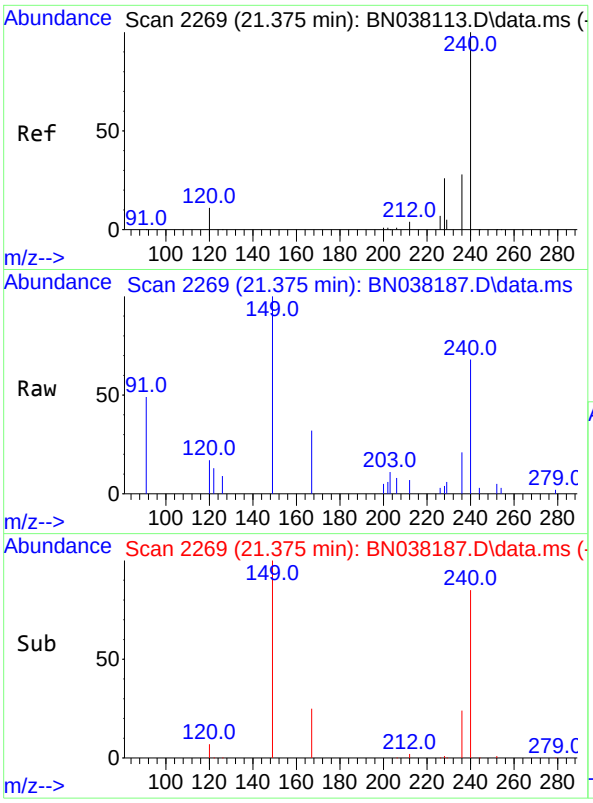


#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:212 Resp: 26290

Ion	Ratio	Lower	Upper
212	100		
106	23.1	12.6	19.0#
104	19.1	7.1	10.7#



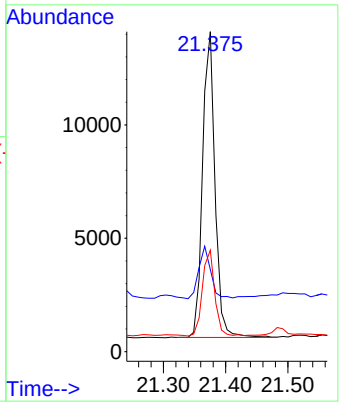


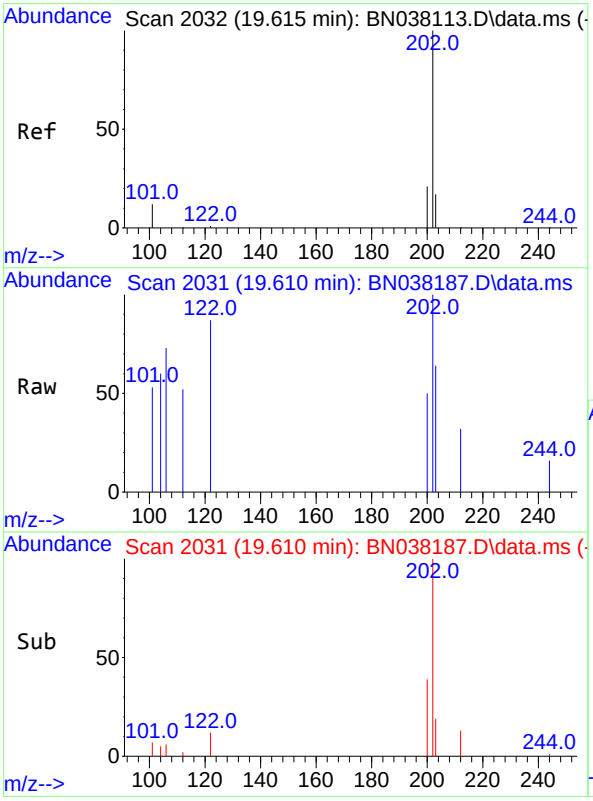
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 18590

Ion	Ratio	Lower	Upper
240	100		
120	25.7	10.7	16.1#
236	31.7	23.1	34.7

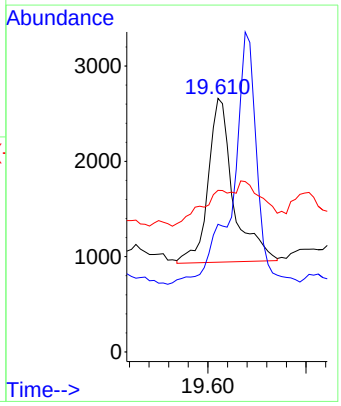


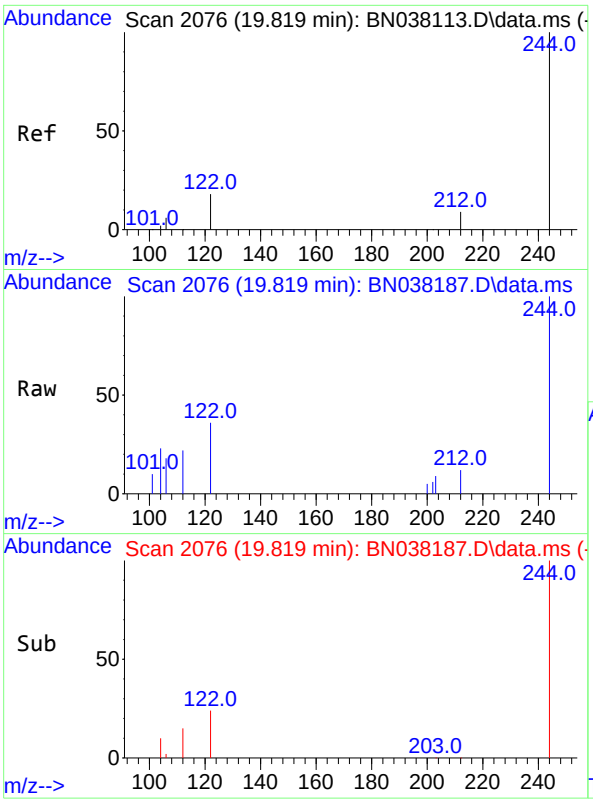


#30
Pyrene
Concen: 0.037 ng
RT: 19.610 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:202 Resp: 3065

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.7	25.1#
203	23.5	14.2	21.2#



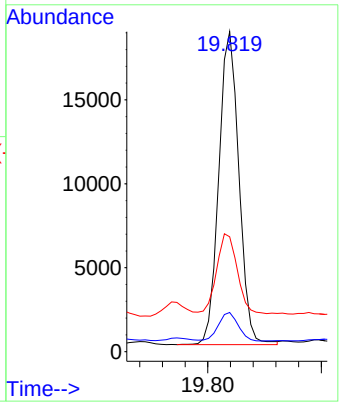


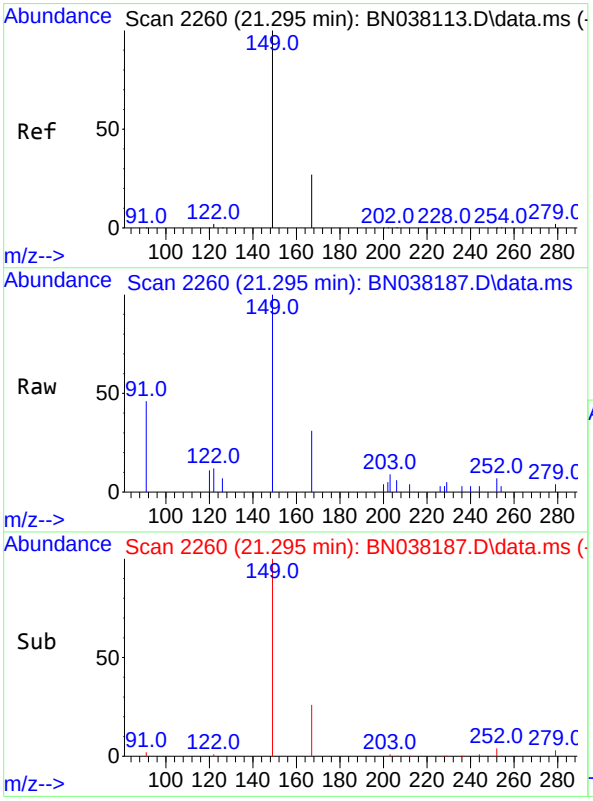
#31
Terphenyl-d14
Concen: 0.567 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 22910

Ion	Ratio	Lower	Upper
244	100		
212	12.2	7.8	11.6#
122	35.9	15.2	22.8#

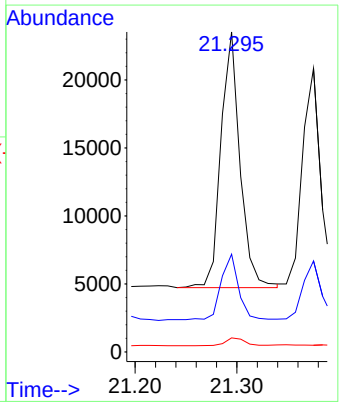


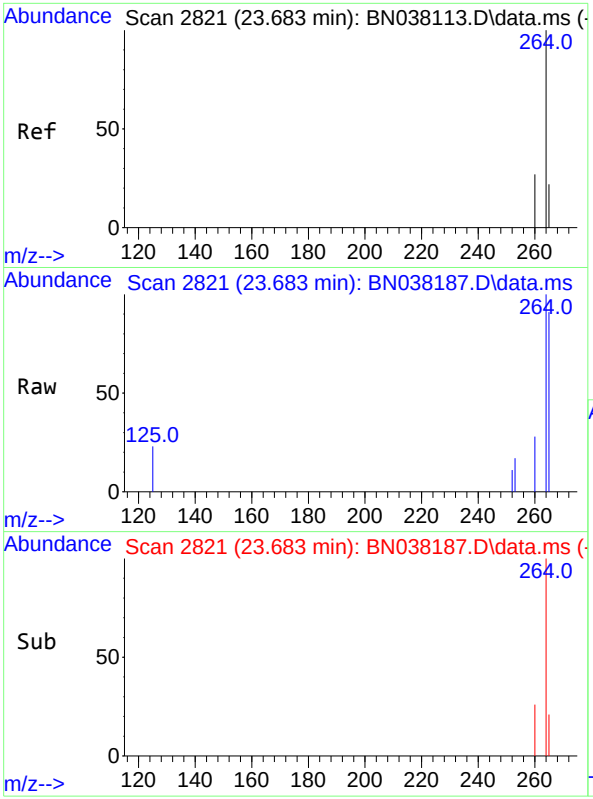


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.700 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Tgt Ion:149 Resp: 24436

Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.1	31.7
279	3.2	2.9	4.3



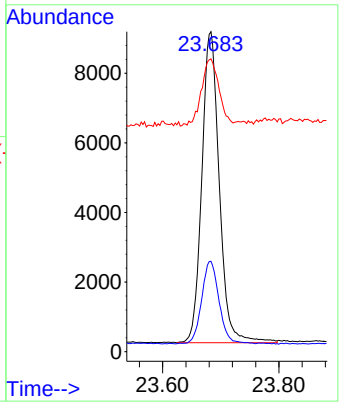


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038187.D
Acq: 12 Nov 2025 11:56

Instrument :
BNA_N
ClientSampleId :
MW-12

Tgt Ion:264 Resp: 18643

Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.8	32.8
265	91.5	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038194.D
Acq On : 12 Nov 2025 16:11
Operator : RC/JU
Sample : Q3569-02DL 40X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Quant Time: Nov 12 16:35:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

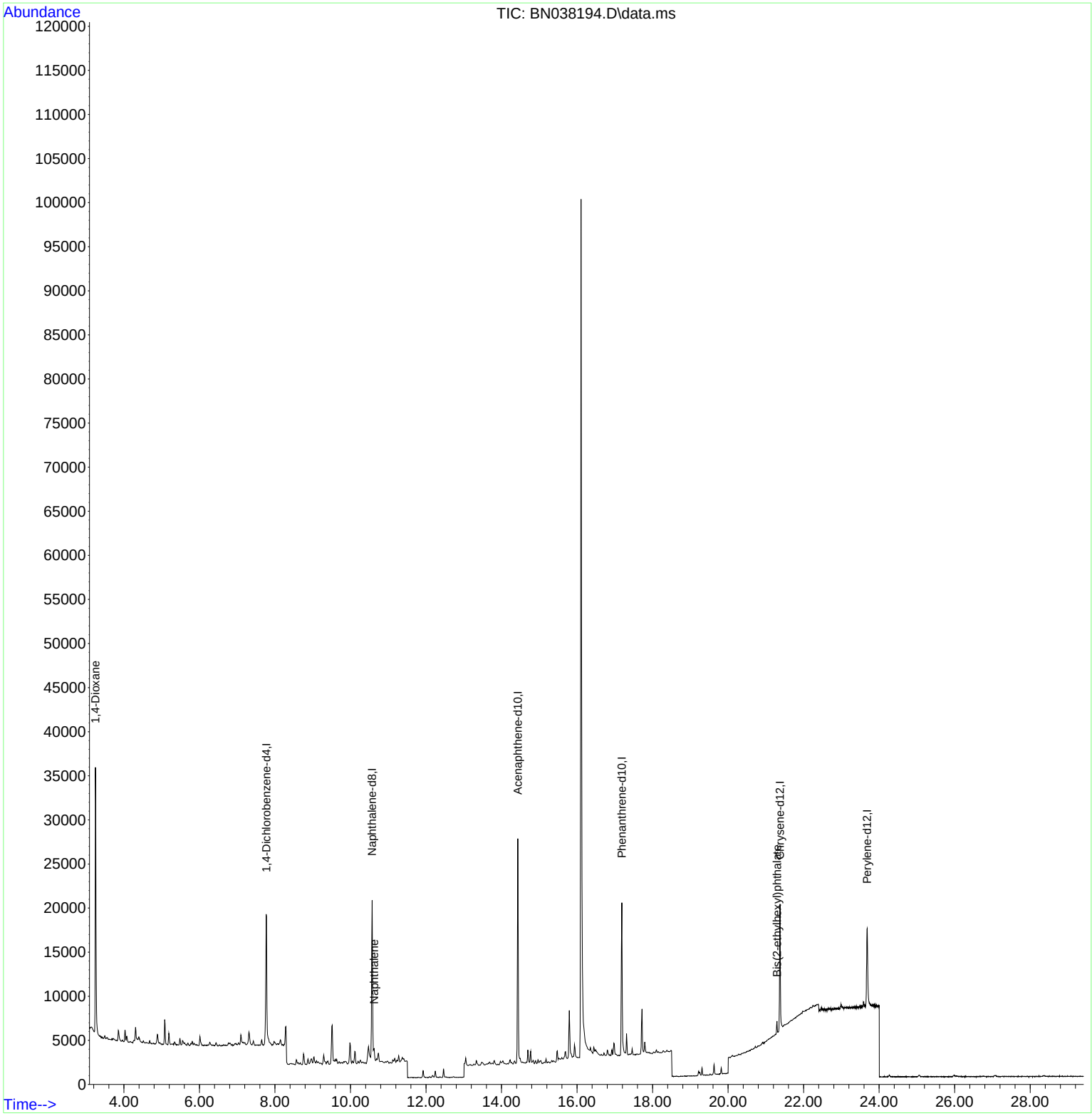
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7912	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24631	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14683	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26976	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14468	0.400	ng	0.00
35) Perylene-d12	23.683	264	13395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	139	0.007	ng	0.00
5) Phenol-d6	6.944	99	111	0.005	ng	0.00
8) Nitrobenzene-d5	8.929	82	302	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	308	0.009	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	71	0.012	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	778	0.013	ng	0.00
27) Fluoranthene-d10	19.220	212	583	0.009	ng	0.00
31) Terphenyl-d14	19.819	244	600	0.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	19311	2.362	ng	99
9) Naphthalene	10.626	128	2053	0.030	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.295	149	1389	0.051	ng	# 93

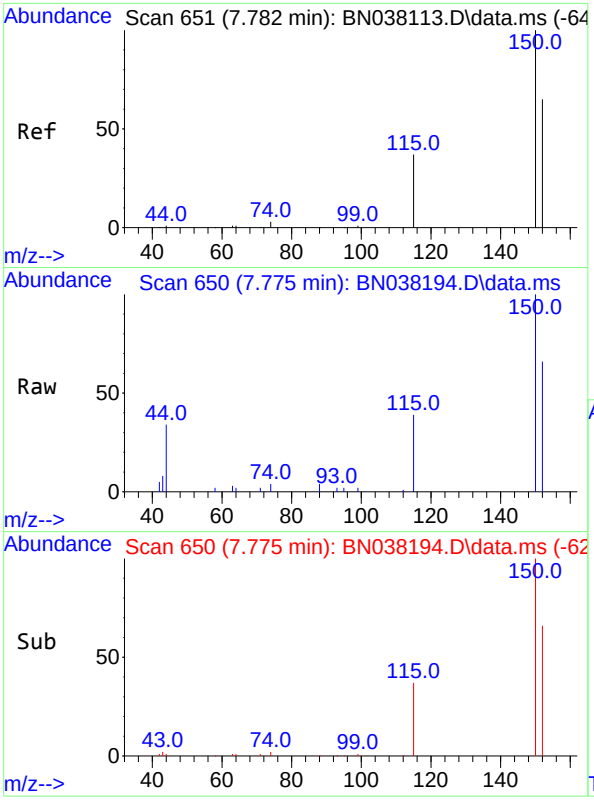
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038194.D
Acq On : 12 Nov 2025 16:11
Operator : RC/JU
Sample : Q3569-02DL 40X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Quant Time: Nov 12 16:35:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



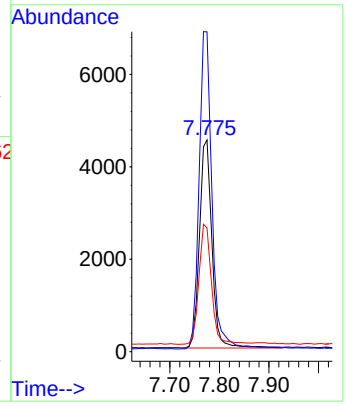


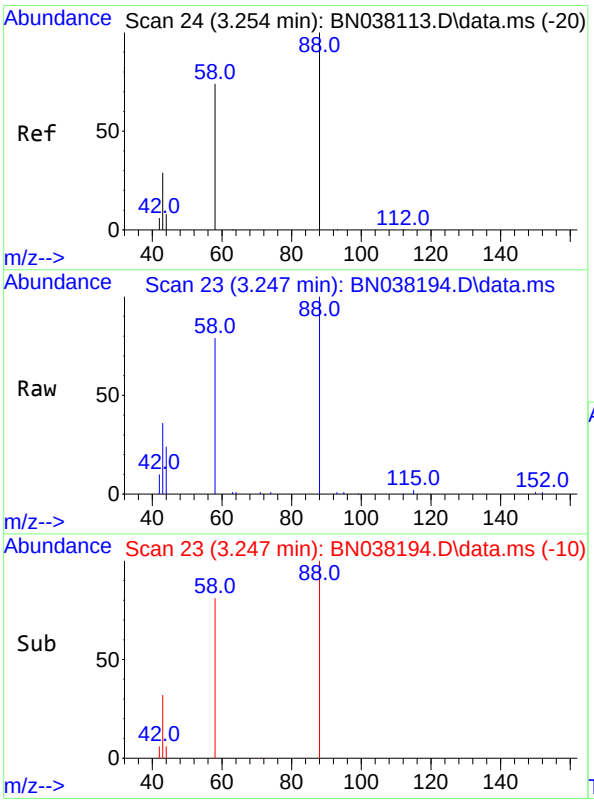
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 7912

Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.3	183.5
115	58.5	47.4	71.0

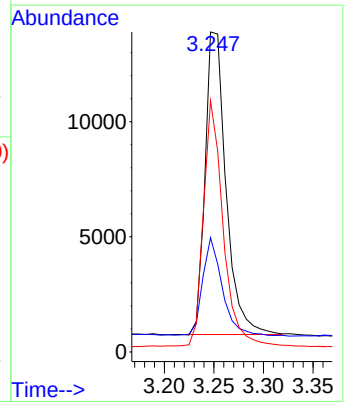


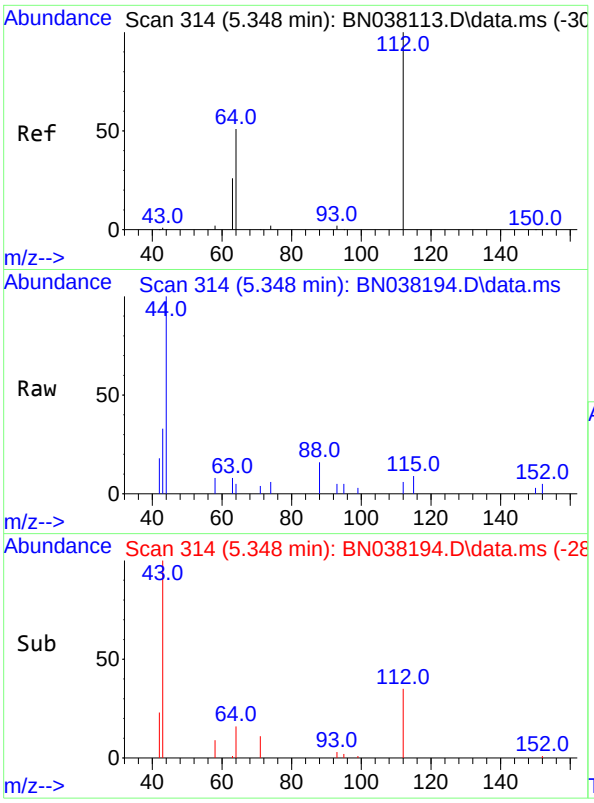


#2
1,4-Dioxane
Concen: 2.362 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 88 Resp: 19311

Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.3	36.5
58	76.7	60.4	90.6



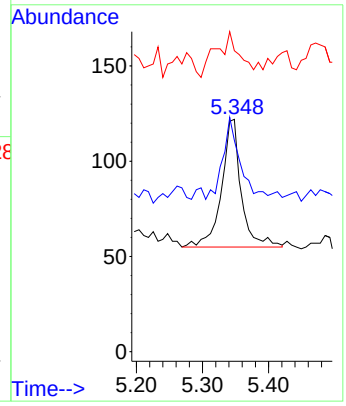


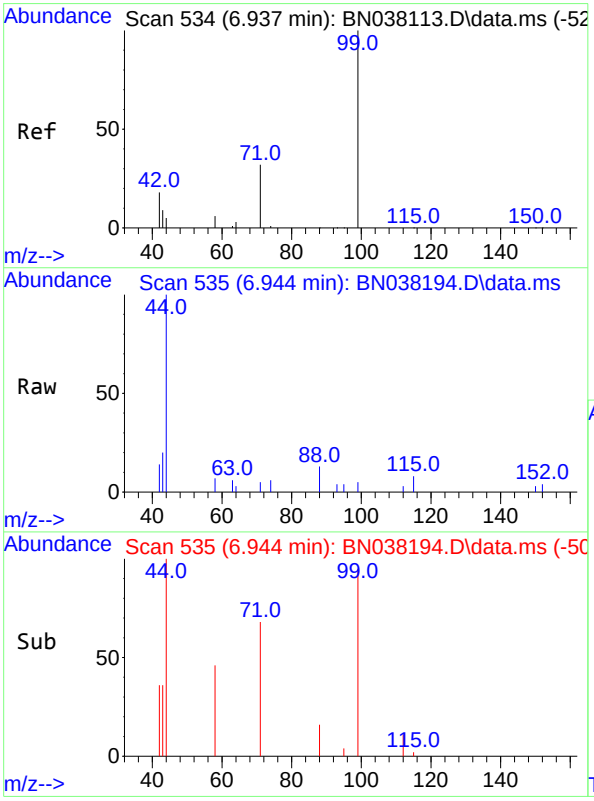
#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.348 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:112 Resp: 139

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.0
63	42.4	23.2	34.8#

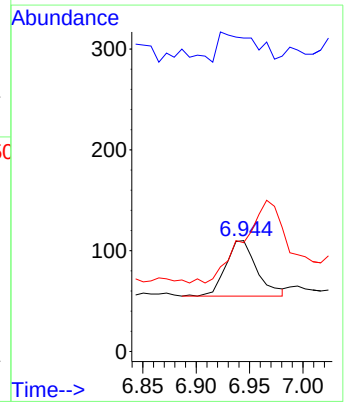


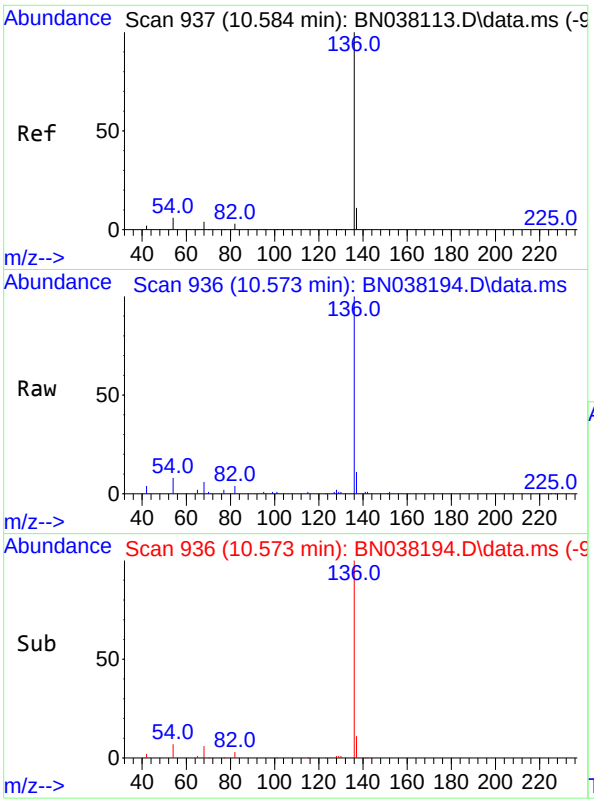


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 99 Resp: 111

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.6	24.8#
71	0.0	25.4	38.2#



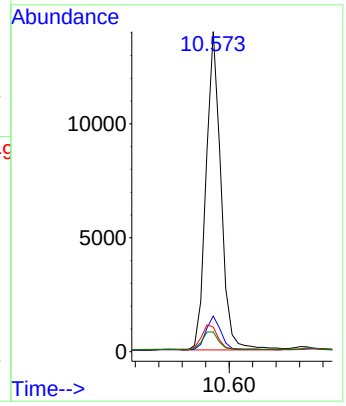


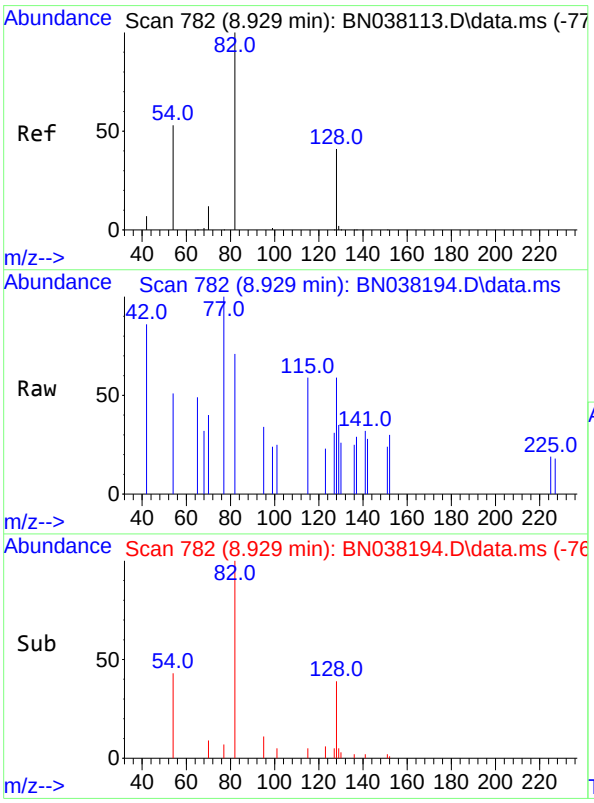
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:136 Resp: 24631

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.7	5.2	7.8
68	6.1	4.1	6.1#

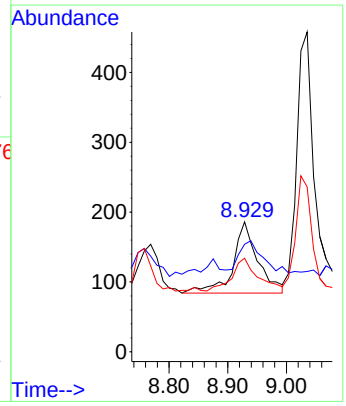


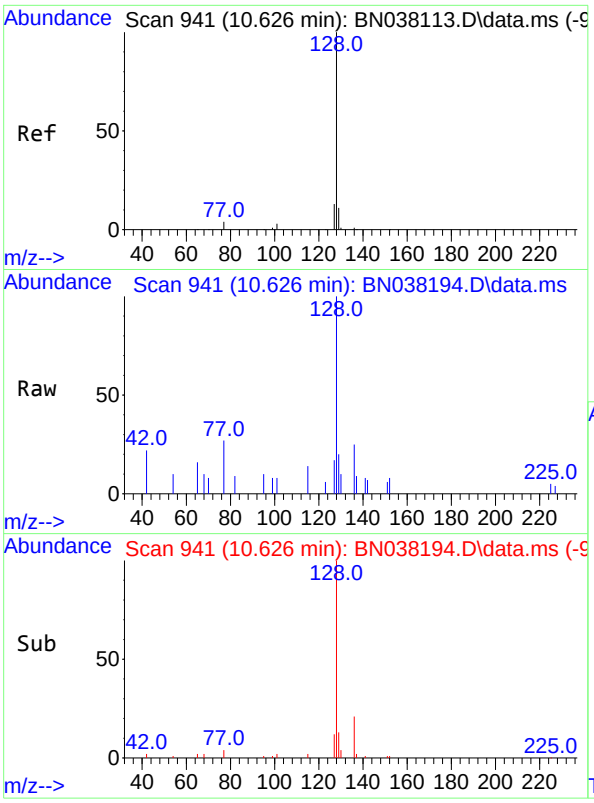


#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 82 Resp: 302

Ion	Ratio	Lower	Upper
82	100		
128	82.8	34.1	51.1#
54	72.0	43.5	65.3#



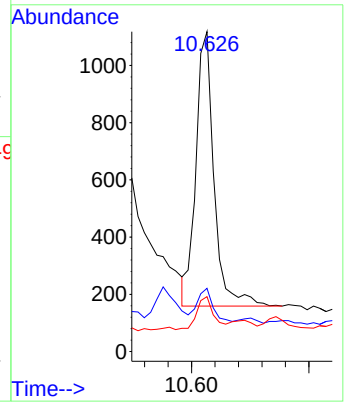


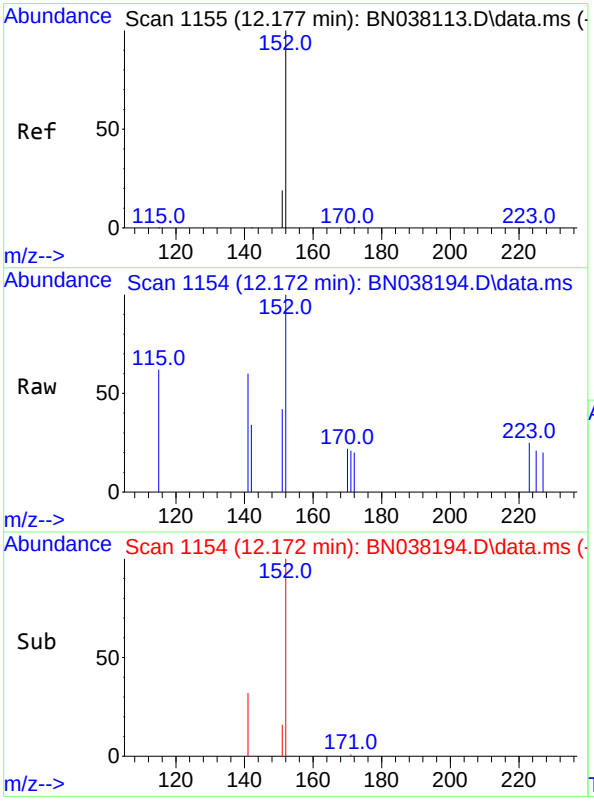
#9
Naphthalene
Concen: 0.030 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:128 Resp: 2053

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.1	13.7#
127	17.2	10.5	15.7#

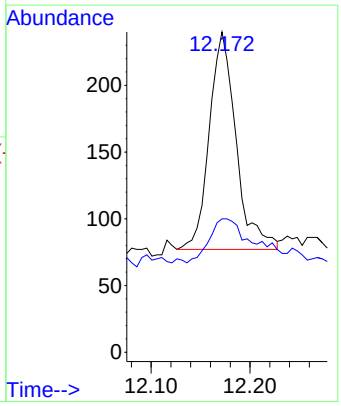


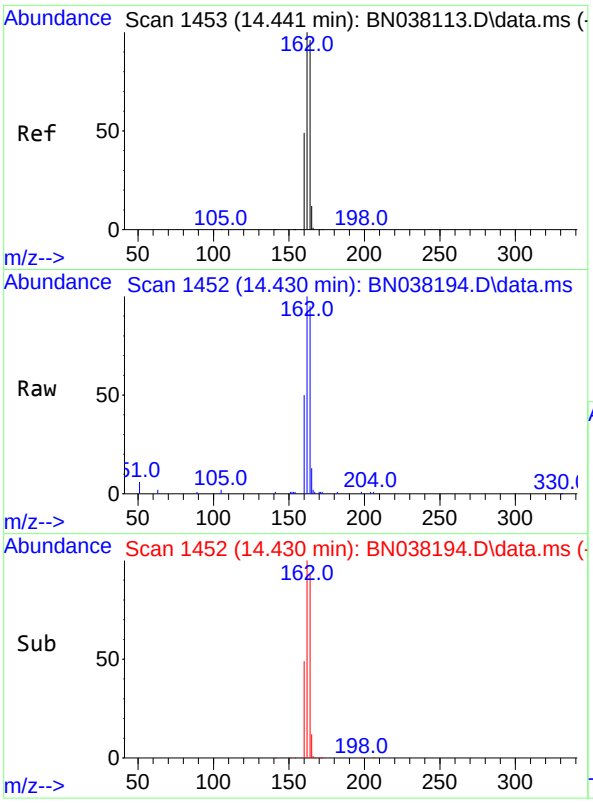


#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:152 Resp: 308

Ion	Ratio	Lower	Upper
152	100		
151	32.5	16.8	25.2#



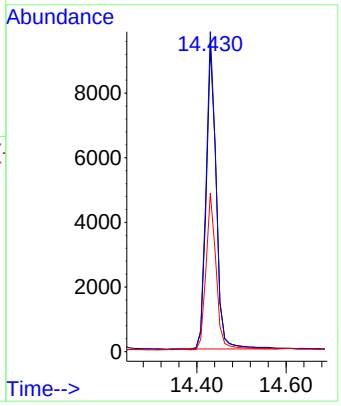


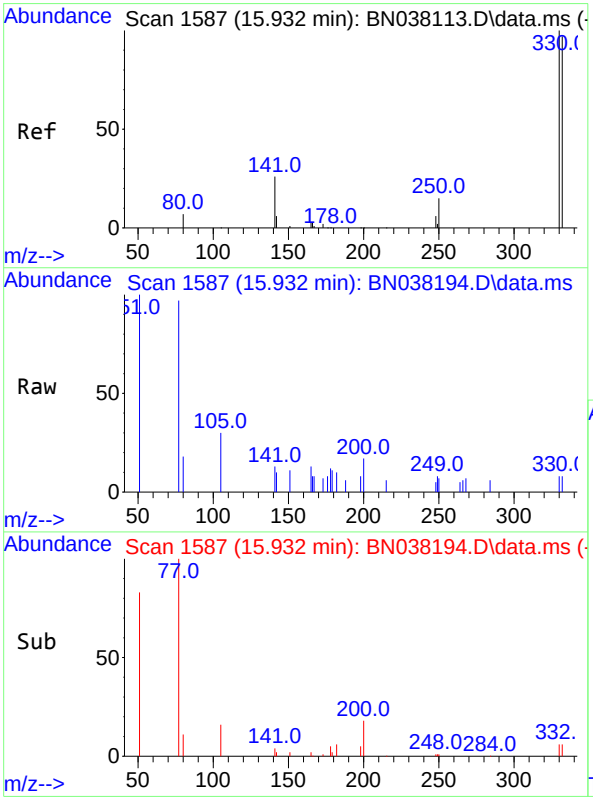
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:164 Resp: 14683

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	52.0	40.7	61.1

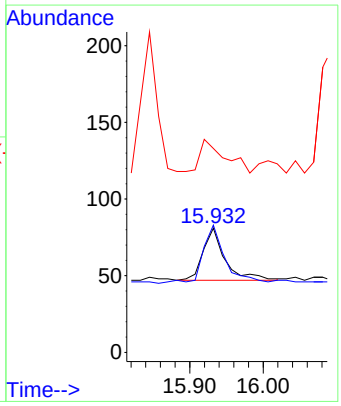




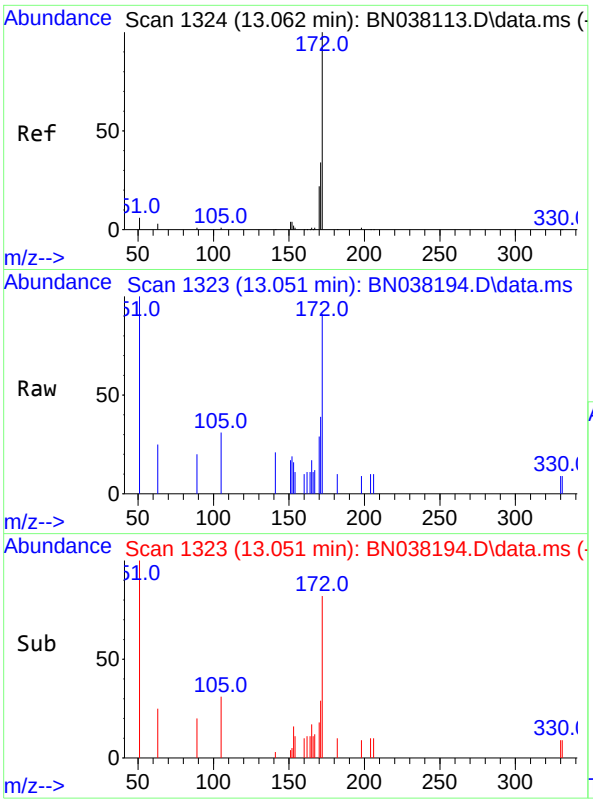
#14
2,4,6-Tribromophenol
Concen: 0.012 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:330 Resp: 71

Ion	Ratio	Lower	Upper
330	100		
332	112.7	76.6	114.8
141	85.9	34.1	51.1#



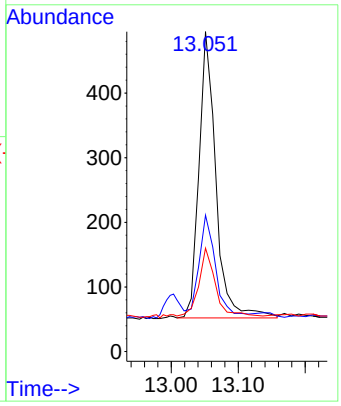
Instrument :
BNA_N
ClientSampleId :
MW-12DL

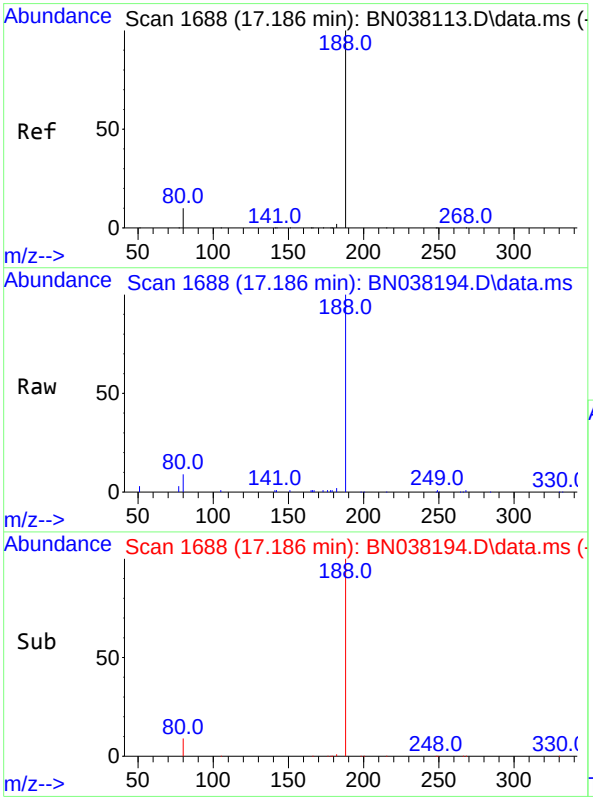


#15
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:172 Resp: 778

Ion	Ratio	Lower	Upper
172	100		
171	42.6	27.8	41.6#
170	32.3	18.1	27.1#

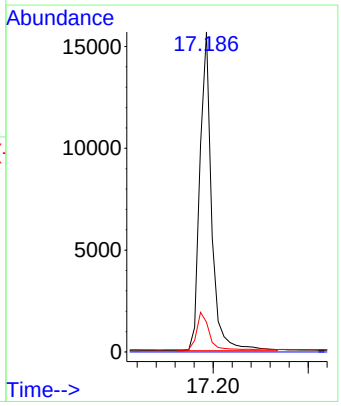


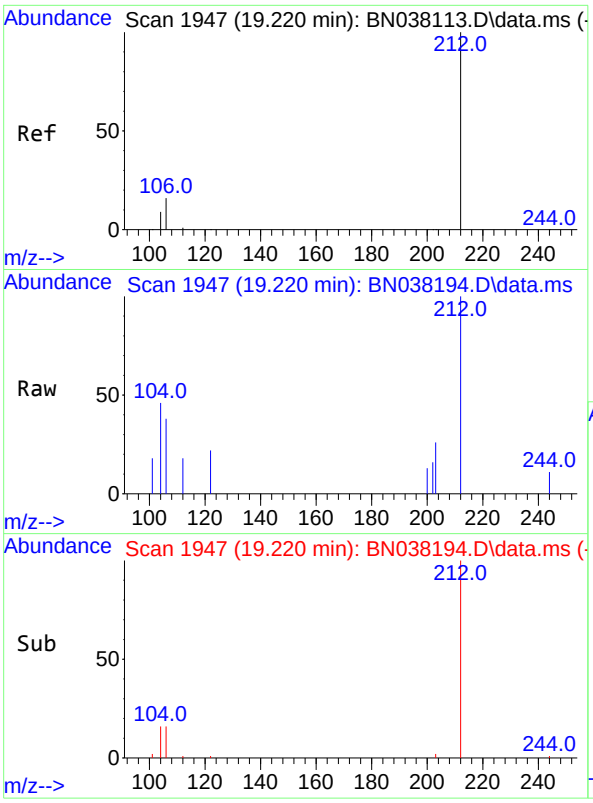


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:188 Resp: 26976

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.6	13.0



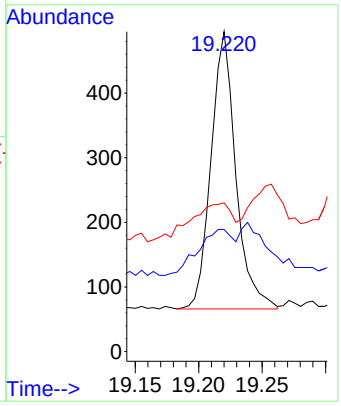


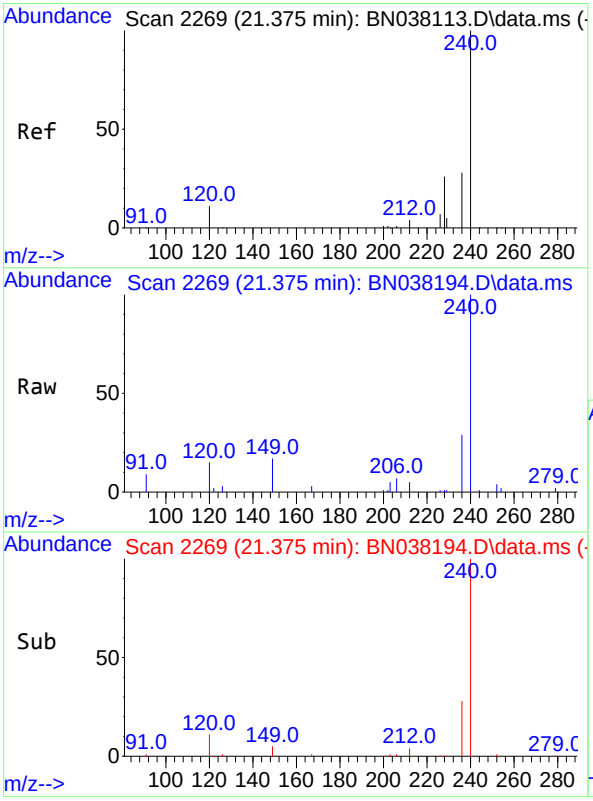
#27
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:212 Resp: 583

Ion	Ratio	Lower	Upper
212	100		
106	25.7	12.6	19.0#
104	21.6	7.1	10.7#

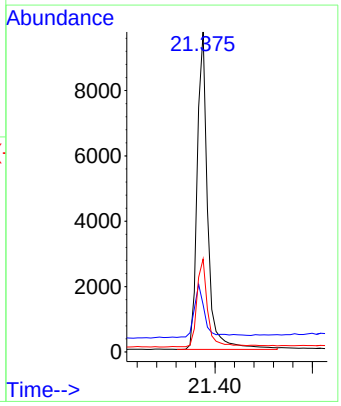


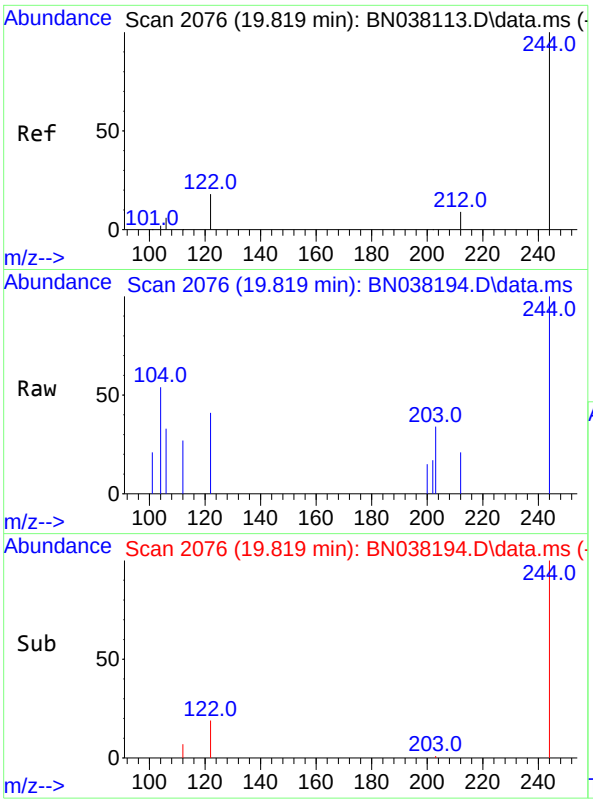


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:240 Resp: 14468

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.7	16.1
236	29.1	23.1	34.7



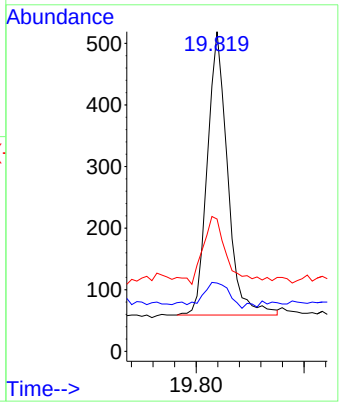


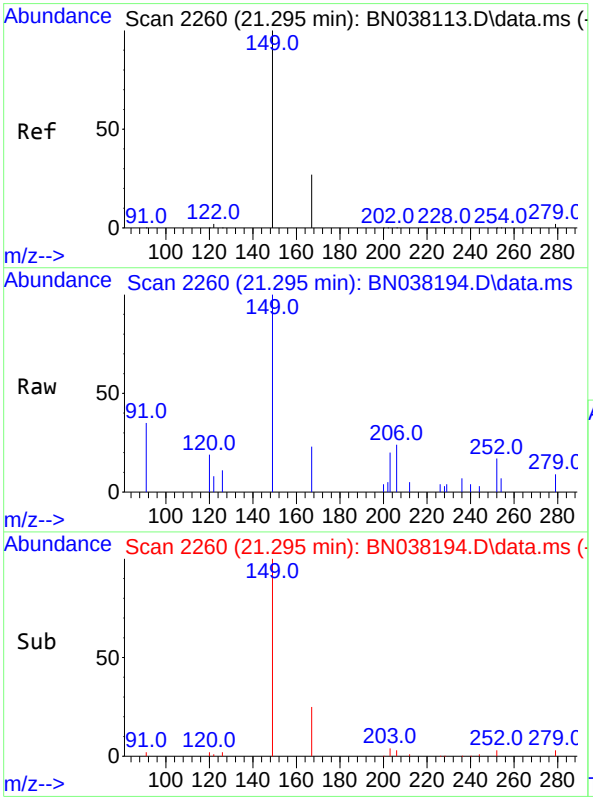
#31
Terphenyl-d14
Concen: 0.019 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:244 Resp: 600

Ion	Ratio	Lower	Upper
244	100		
212	21.4	7.8	11.6#
122	41.4	15.2	22.8#

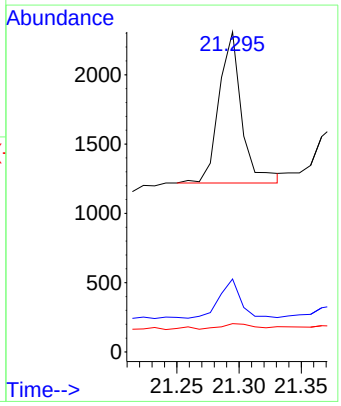


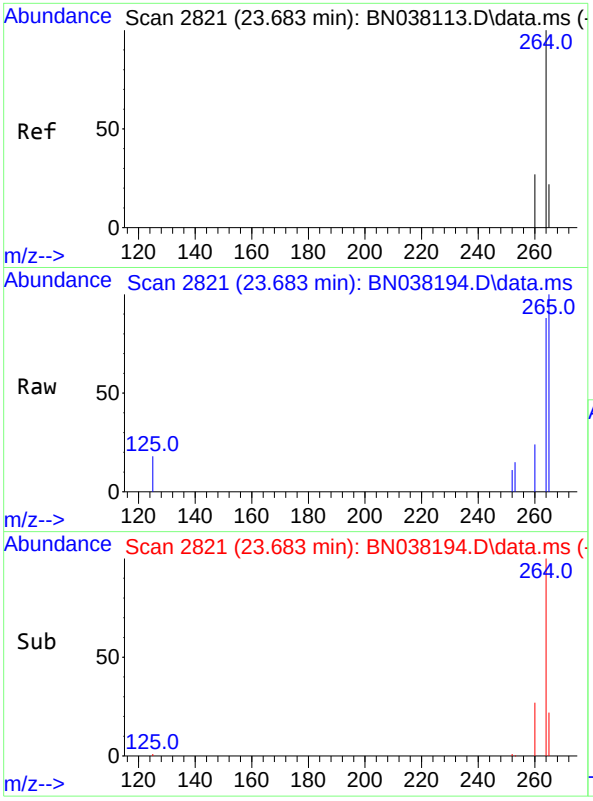


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:149 Resp: 1389

Ion	Ratio	Lower	Upper
149	100		
167	22.8	21.1	31.7
279	5.1	2.9	4.3#



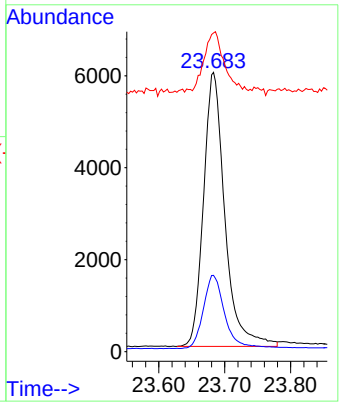


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL

Tgt Ion:264 Resp: 13395

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	114.1	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Quant Time: Nov 12 10:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

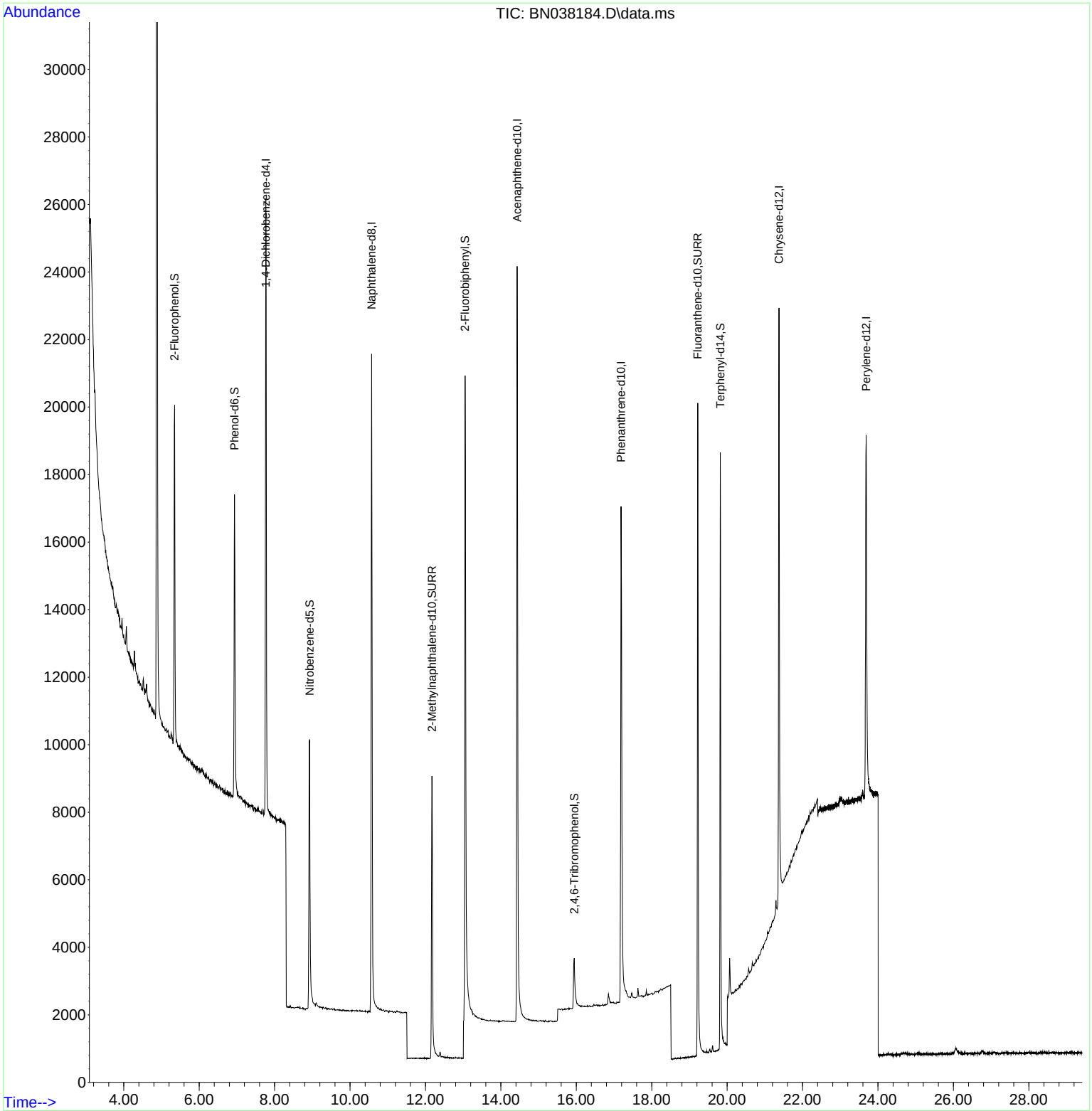
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9479	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15234	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28458	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18990	0.400	ng	0.00
35) Perylene-d12	23.686	264	17381	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8510	0.381	ng	0.00
5) Phenol-d6	6.937	99	9697	0.357	ng	0.00
8) Nitrobenzene-d5	8.929	82	8268	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13840	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1460	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	22378	0.367	ng	0.00
27) Fluoranthene-d10	19.220	212	24538	0.342	ng	0.00
31) Terphenyl-d14	19.819	244	19123	0.464	ng	0.00
Target Compounds						Qvalue

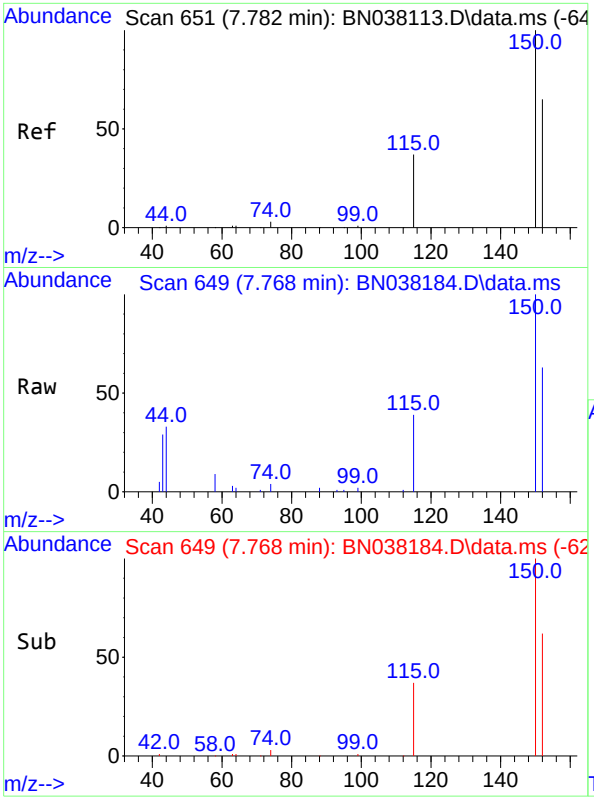
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Quant Time: Nov 12 10:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



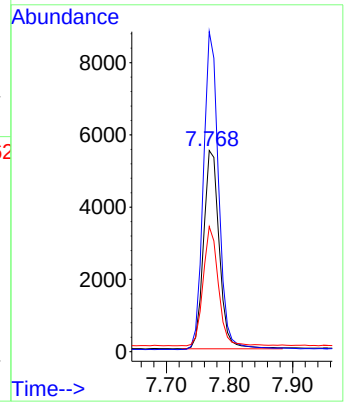


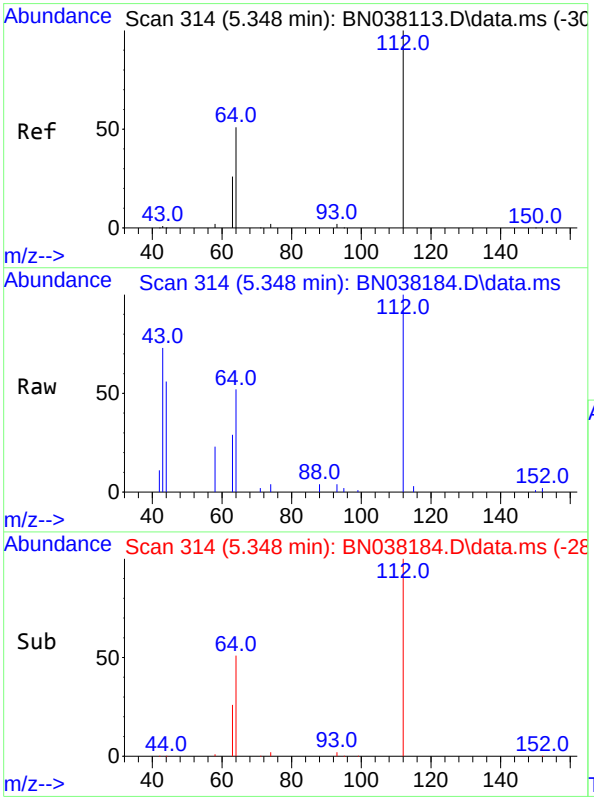
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:152 Resp: 9479

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.3	183.5
115	62.2	47.4	71.0

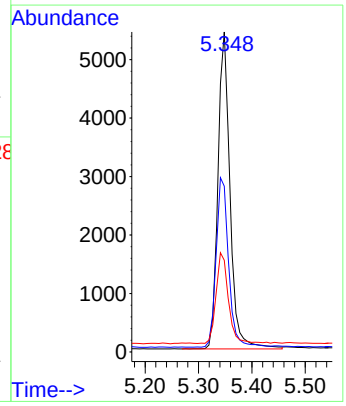


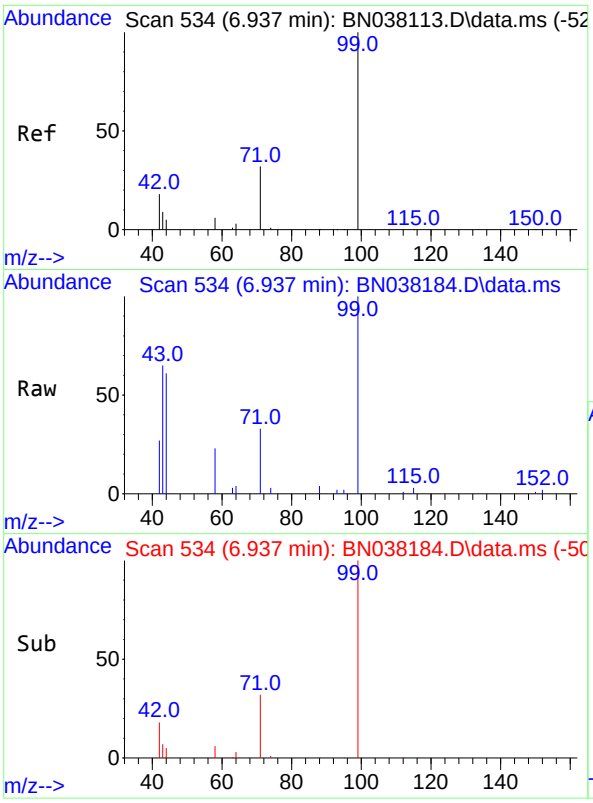


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:112 Resp: 8510

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.4	68.0
63	29.4	23.2	34.8



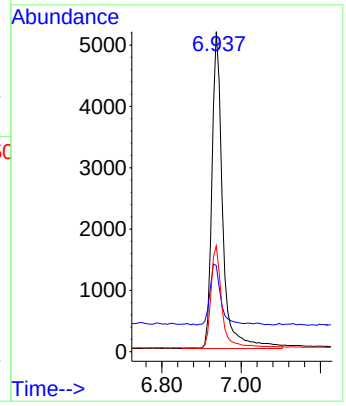


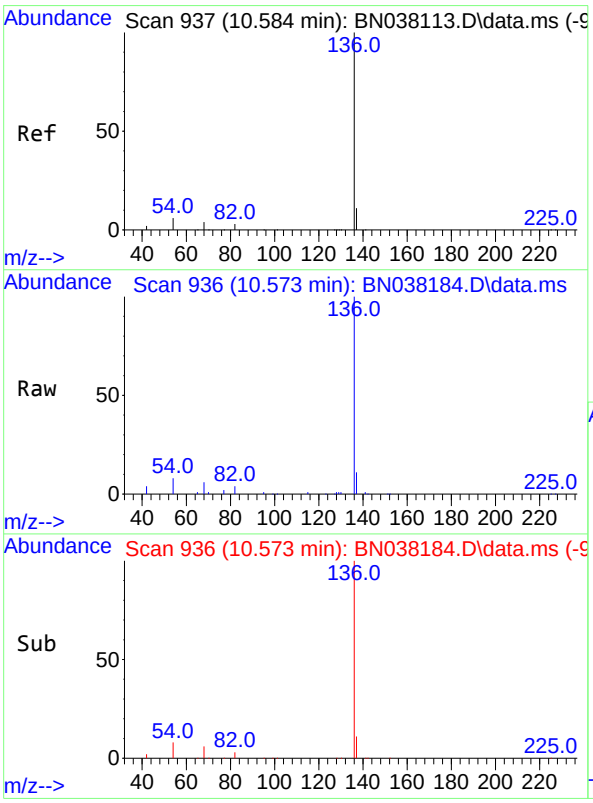
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion: 99 Resp: 9697

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	32.8	25.4	38.2

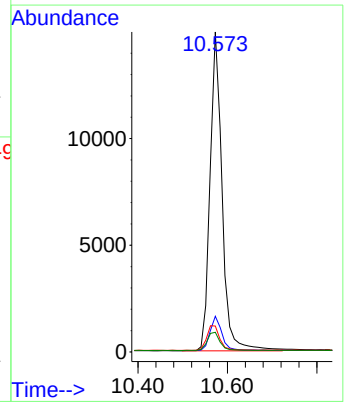


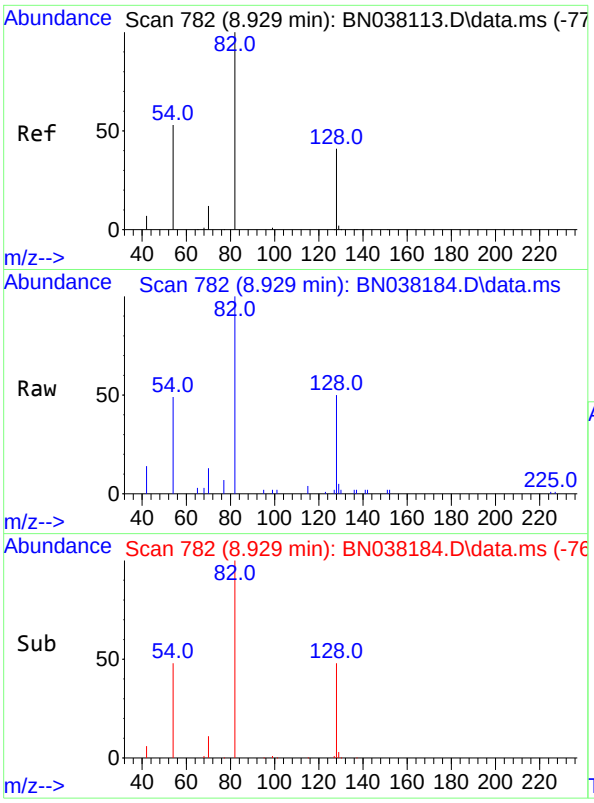


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:136 Resp: 27842

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1#



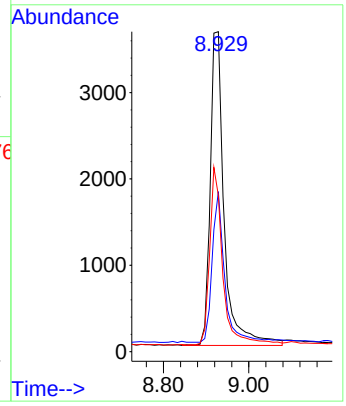


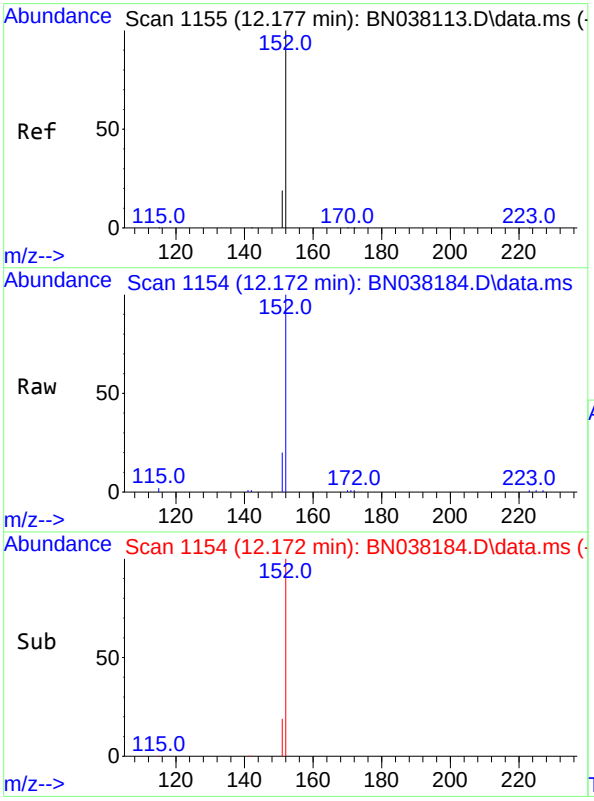
#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion: 82 Resp: 8268

Ion	Ratio	Lower	Upper
82	100		
128	50.0	34.1	51.1
54	48.8	43.5	65.3

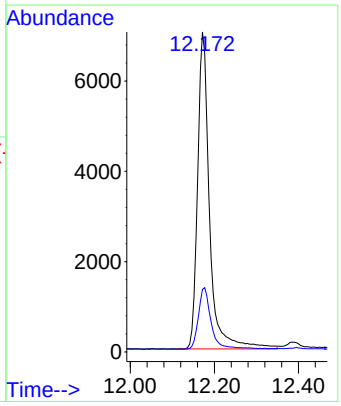


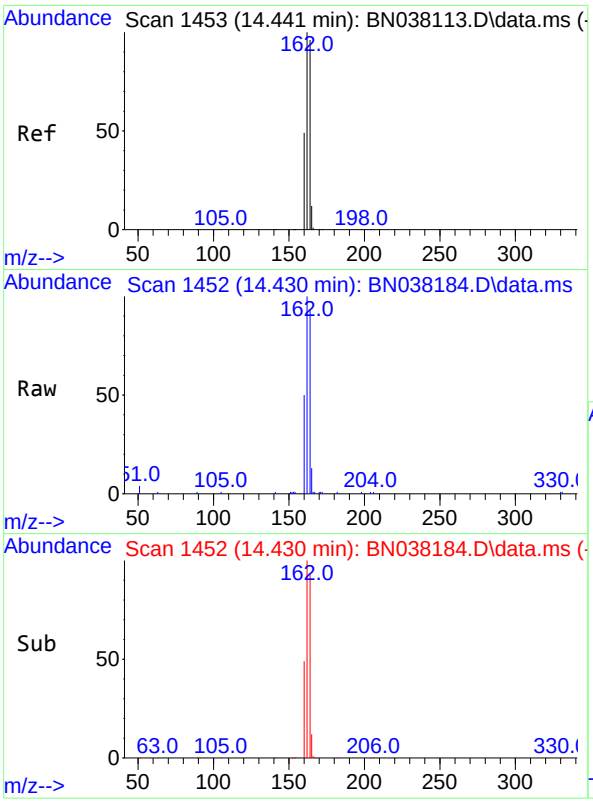


#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:152 Resp: 13840

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2



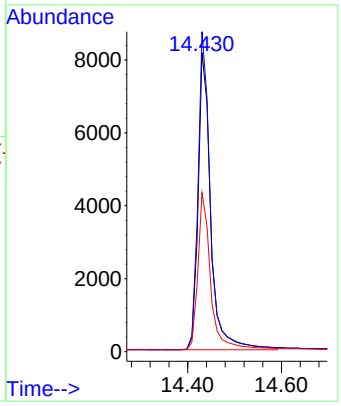


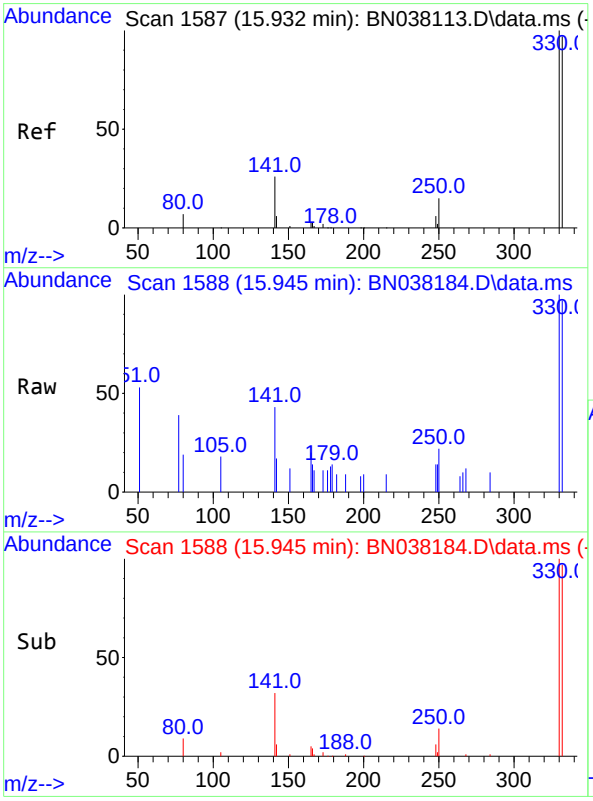
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:164 Resp: 15234

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.4
160	53.2	40.7	61.1

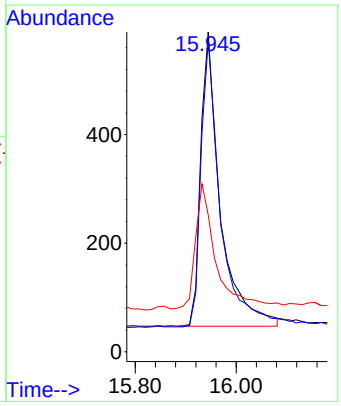


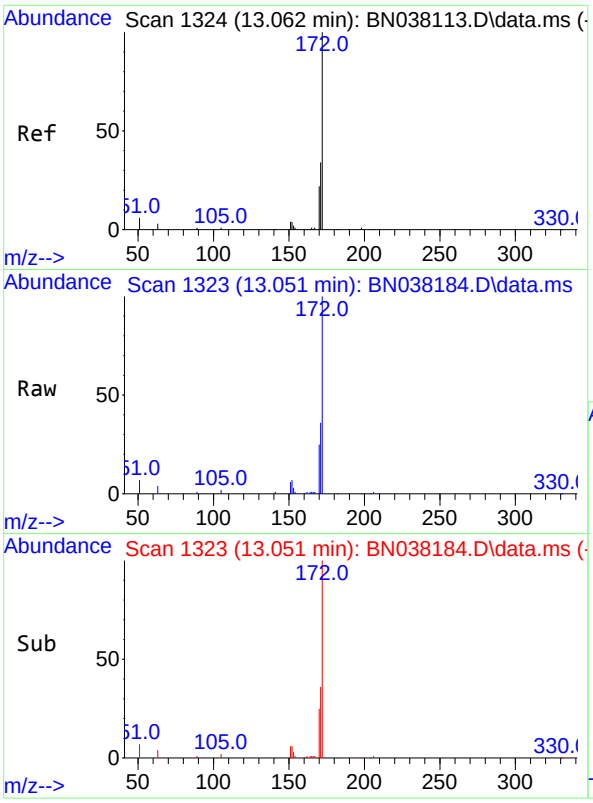


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:330 Resp: 1460

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	44.2	34.1	51.1



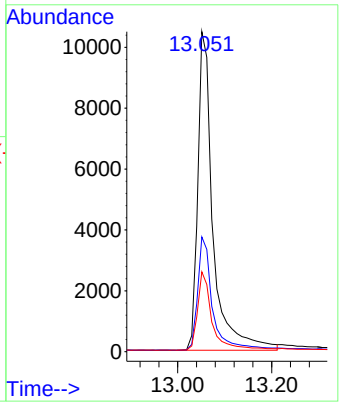


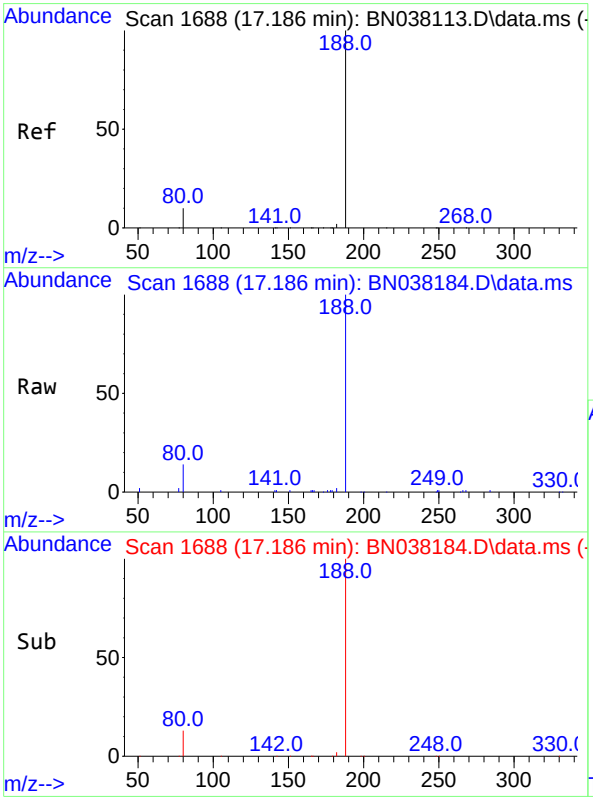
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:172 Resp: 22378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.9	18.1	27.1

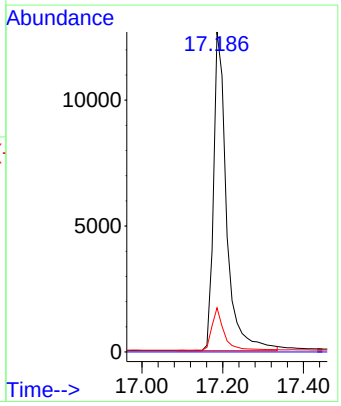


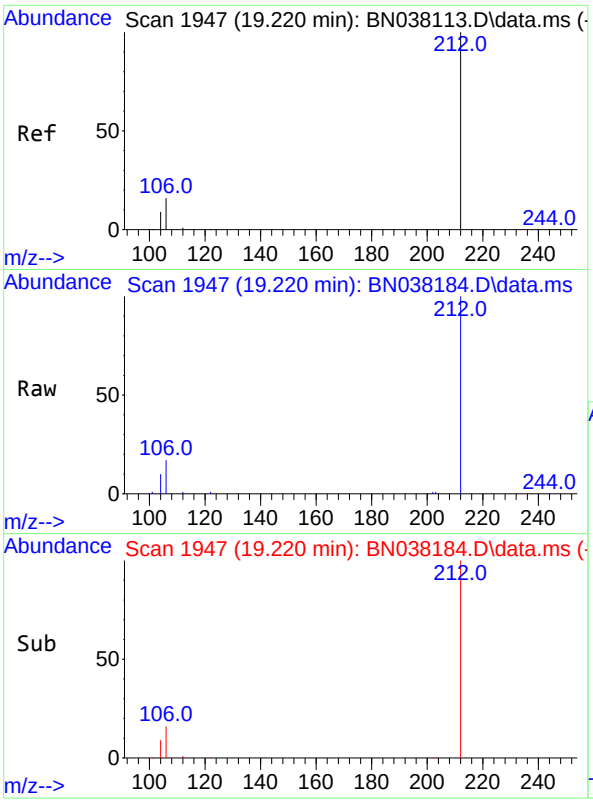


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:188 Resp: 28458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	8.6	13.0#



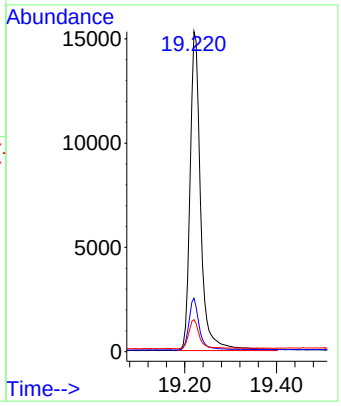


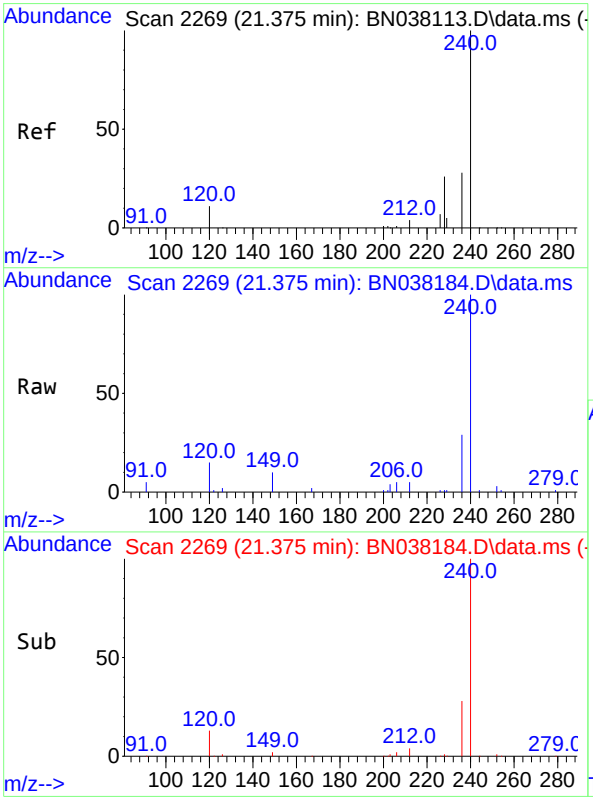
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:212 Resp: 24538

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.2	7.1	10.7

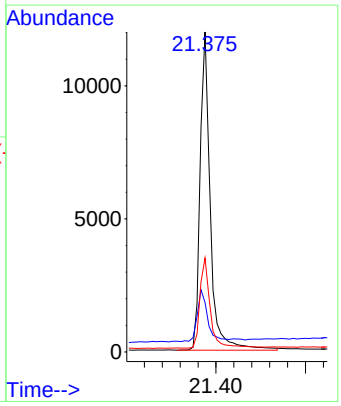


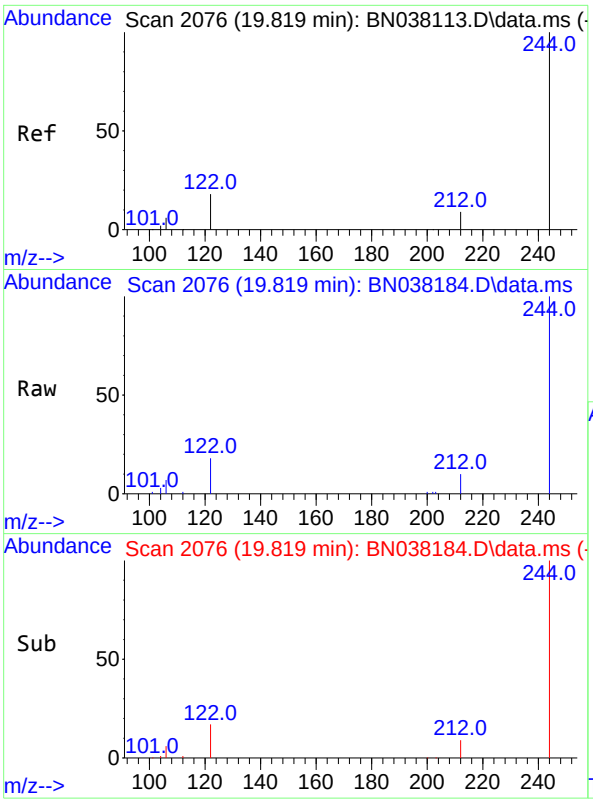


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:240 Resp: 18990

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.7	16.1
236	29.3	23.1	34.7



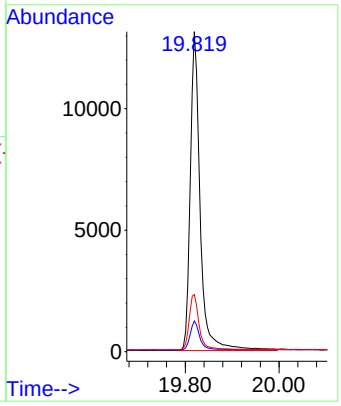


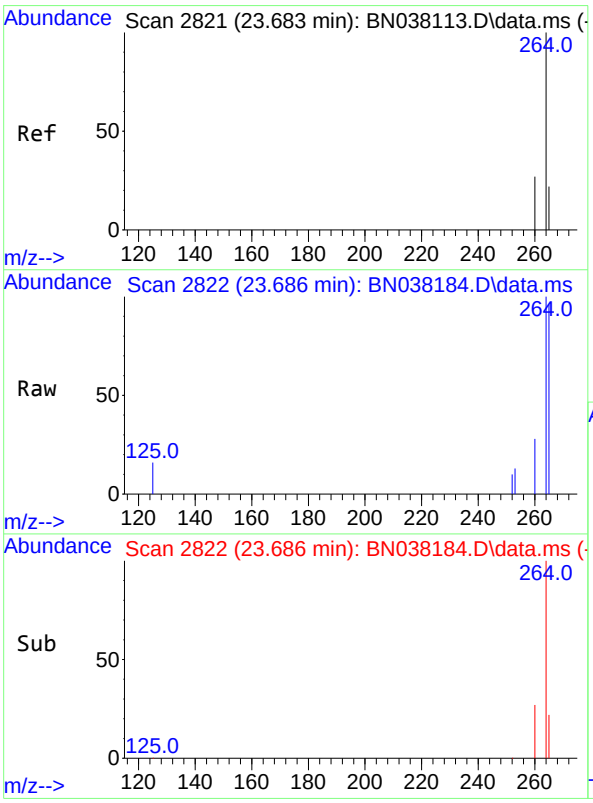
#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:244 Resp: 19123

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	17.8	15.2	22.8

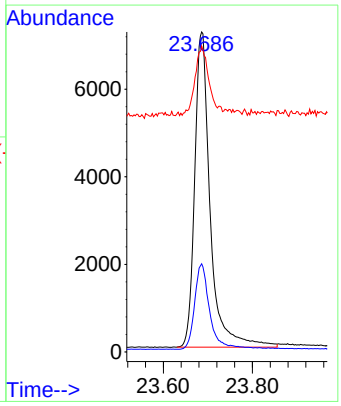




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:264 Resp: 17381

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	95.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

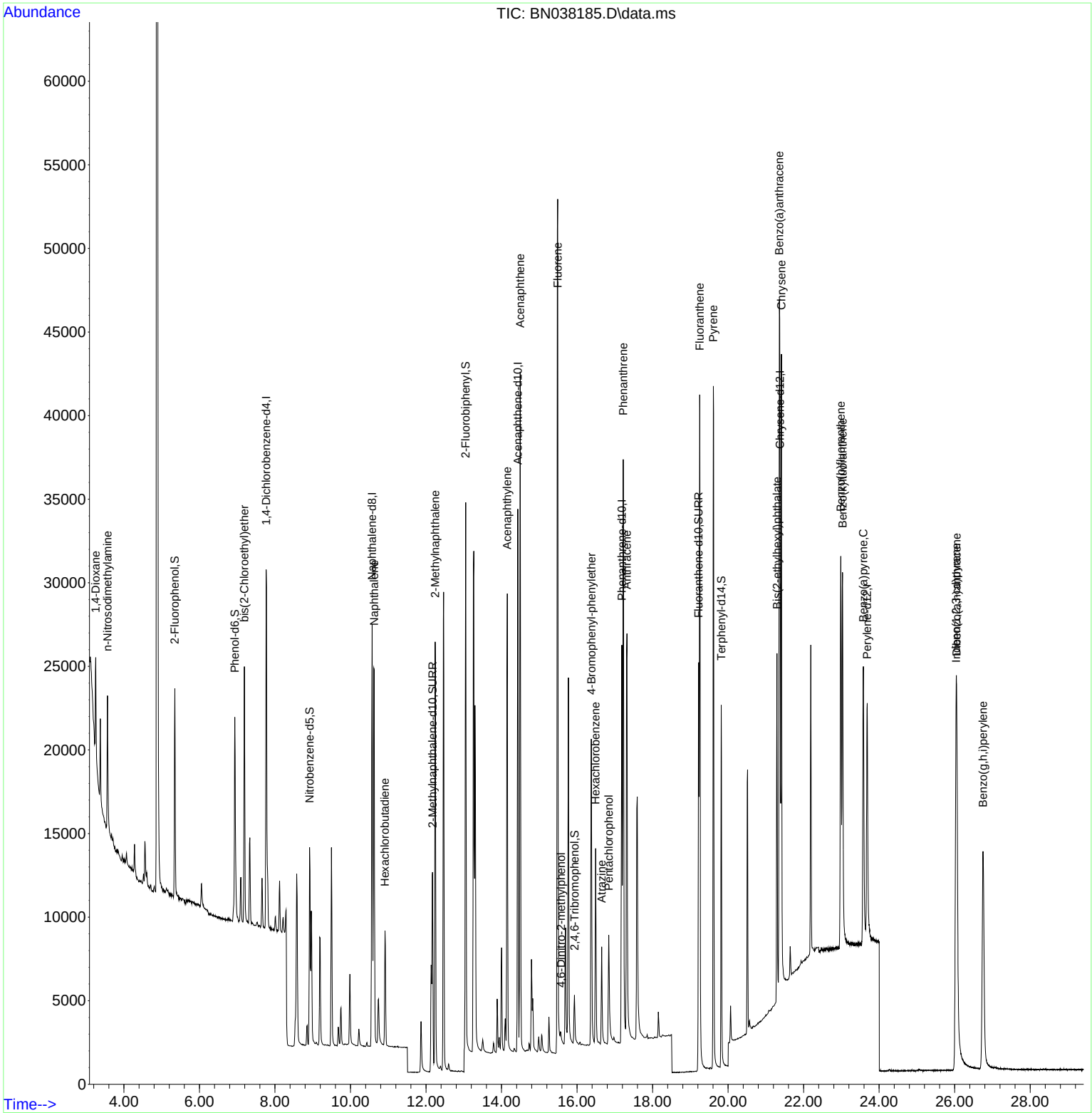
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	11079	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33638	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	18281	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33841	0.400	ng	0.00
29) Chrysene-d12	21.375	240	23862	0.400	ng	0.00
35) Perylene-d12	23.683	264	21641	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	10277	0.394	ng	0.00
5) Phenol-d6	6.937	99	11978	0.377	ng	0.00
8) Nitrobenzene-d5	8.918	82	10064	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	17459	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2025	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	27223	0.372	ng	0.00
27) Fluoranthene-d10	19.220	212	28223	0.331	ng	0.00
31) Terphenyl-d14	19.819	244	22475	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3649	0.319	ng	# 64
3) n-Nitrosodimethylamine	3.564	42	4978	0.338	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	11386	0.365	ng	99
9) Naphthalene	10.626	128	32861	0.355	ng	100
10) Hexachlorobutadiene	10.915	225	5768	0.369	ng	# 99
12) 2-Methylnaphthalene	12.243	142	19357	0.313	ng	98
16) Acenaphthylene	14.152	152	31993	0.386	ng	99
17) Acenaphthene	14.494	154	19697	0.340	ng	98
18) Fluorene	15.489	166	26917	0.355	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	646	0.284	ng	# 71
21) 4-Bromophenyl-phenylether	16.379	248	7923	0.357	ng	92
22) Hexachlorobenzene	16.491	284	9691	0.384	ng	98
23) Atrazine	16.652	200	5427	0.334	ng	98
24) Pentachlorophenol	16.838	266	4291	0.395	ng	98
25) Phenanthrene	17.223	178	37919	0.353	ng	100
26) Anthracene	17.322	178	34132	0.363	ng	99
28) Fluoranthene	19.248	202	39000	0.325	ng	100
30) Pyrene	19.610	202	38950	0.362	ng	100
32) Benzo(a)anthracene	21.357	228	31304	0.368	ng	99
33) Chrysene	21.411	228	34651	0.375	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	16109	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	26.037	276	36958	0.416	ng	99
37) Benzo(b)fluoranthene	22.984	252	31609	0.342	ng	99
38) Benzo(k)fluoranthene	23.031	252	33378	0.358	ng	98
39) Benzo(a)pyrene	23.581	252	28450	0.384	ng	97
40) Dibenzo(a,h)anthracene	26.054	278	28160	0.412	ng	97
41) Benzo(g,h,i)perylene	26.750	276	31402	0.402	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038186.D
Acq On : 12 Nov 2025 11:20
Operator : RC/JU
Sample : PB170483BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BSD

Quant Time: Nov 12 11:44:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

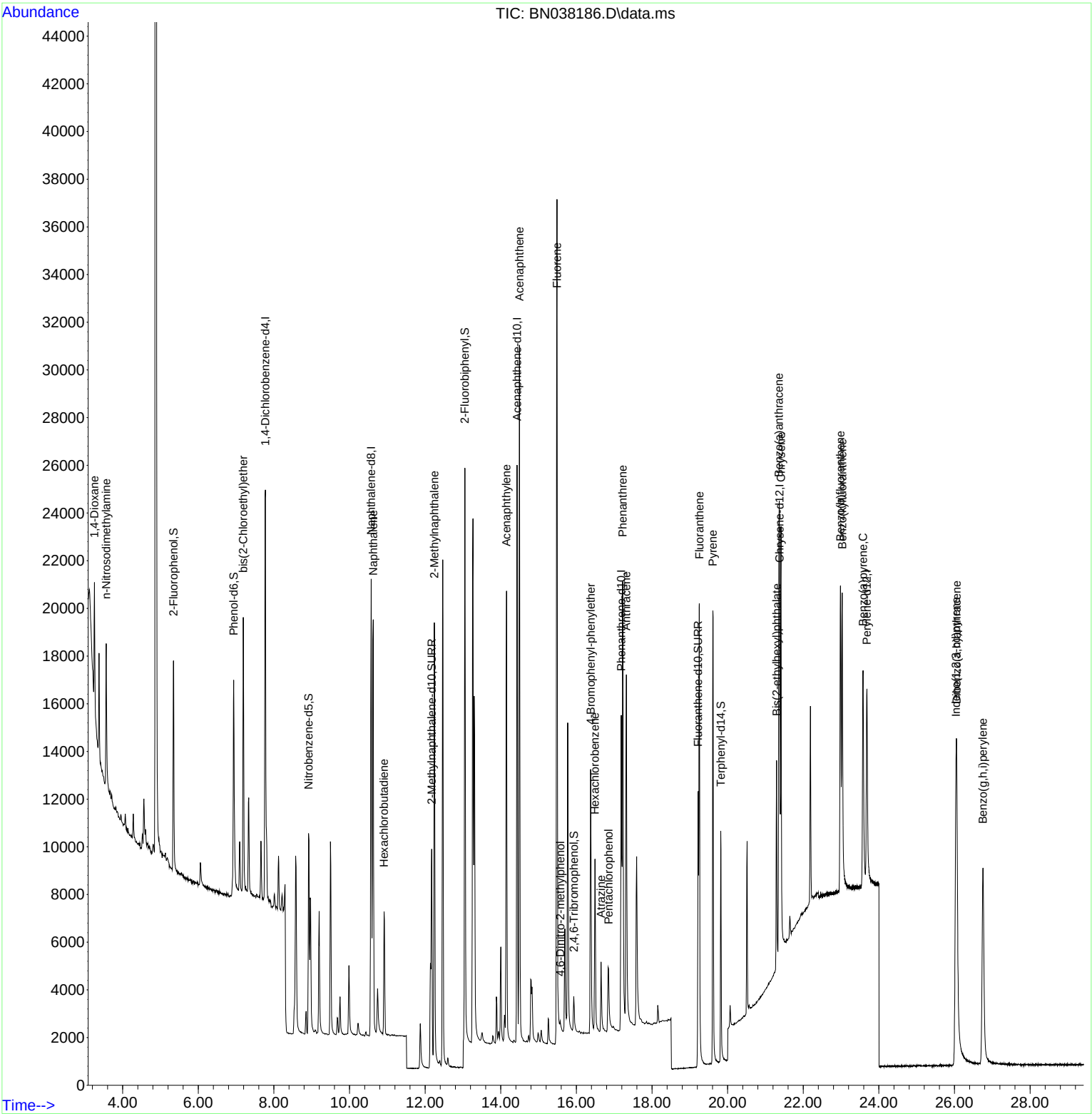
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9171	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26214	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	13453	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	20310	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12107	0.400	ng	0.00
35) Perylene-d12	23.683	264	12660	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7806	0.361	ng	0.00
5) Phenol-d6	6.937	99	9239	0.351	ng	0.00
8) Nitrobenzene-d5	8.918	82	7662	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13900	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1151	0.208	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	20428	0.379	ng	0.00
27) Fluoranthene-d10	19.220	212	14174	0.277	ng	0.00
31) Terphenyl-d14	19.819	244	10666	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2929	0.309	ng	# 68
3) n-Nitrosodimethylamine	3.564	42	3880	0.318	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	8931	0.345	ng	98
9) Naphthalene	10.626	128	24859	0.344	ng	100
10) Hexachlorobutadiene	10.915	225	4424	0.363	ng	# 98
12) 2-Methylnaphthalene	12.243	142	14646	0.304	ng	98
16) Acenaphthylene	14.152	152	22595	0.371	ng	100
17) Acenaphthene	14.495	154	14074	0.330	ng	98
18) Fluorene	15.489	166	18102	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	378	0.281	ng	# 33
21) 4-Bromophenyl-phenylether	16.379	248	5083	0.382	ng	95
22) Hexachlorobenzene	16.491	284	6389	0.422	ng	98
23) Atrazine	16.652	200	2972	0.305	ng	96
24) Pentachlorophenol	16.851	266	2276	0.349	ng	98
25) Phenanthrene	17.223	178	22214	0.345	ng	100
26) Anthracene	17.322	178	20143	0.357	ng	99
28) Fluoranthene	19.253	202	19276	0.268	ng	100
30) Pyrene	19.610	202	19106	0.350	ng	100
32) Benzo(a)anthracene	21.358	228	14926	0.346	ng	100
33) Chrysene	21.411	228	17480	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	7077	0.311	ng	99
36) Indeno(1,2,3-cd)pyrene	26.040	276	22426	0.431	ng	99
37) Benzo(b)fluoranthene	22.984	252	17625	0.326	ng	# 92
38) Benzo(k)fluoranthene	23.031	252	18608	0.342	ng	# 94
39) Benzo(a)pyrene	23.581	252	16391	0.378	ng	93
40) Dibenzo(a,h)anthracene	26.057	278	17578	0.439	ng	99
41) Benzo(g,h,i)perylene	26.753	276	19756	0.432	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038186.D
Acq On : 12 Nov 2025 11:20
Operator : RC/JU
Sample : PB170483BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BSD

Quant Time: Nov 12 11:44:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BN102825	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.8	BN038114.D	Benzo(b)fluoranthene	rahul	10/29/2025 9:43:43 AM	mohammad	10/30/2025 5:29:45 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BN111225	Instrument	BNA_n

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: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM		
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM		
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038110.D	28 Oct 2025 12:05	RC/JU	Ok
2	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00	RC/JU	Ok
3	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36	RC/JU	Ok
4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	RC/JU	Ok
5	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49	RC/JU	Ok,M
6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25	RC/JU	Ok
7	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02	RC/JU	Ok
8	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	RC/JU	Ok
9	SSTDICV0.4	BN038118.D	28 Oct 2025 17:51	RC/JU	Ok
10	PB170167BL	BN038119.D	28 Oct 2025 19:04	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM				
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM				
SubDirectory	BN111225	HP Acquire Method	BNA_N		HP Processing Method	BN102825	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038182.D	12 Nov 2025 08:52	RC/JU	Ok
2	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31	RC/JU	Ok
3	PB170483BL	BN038184.D	12 Nov 2025 10:07	RC/JU	Ok
4	PB170483BS	BN038185.D	12 Nov 2025 10:44	RC/JU	Ok
5	PB170483BSD	BN038186.D	12 Nov 2025 11:20	RC/JU	Ok
6	Q3569-02	BN038187.D	12 Nov 2025 11:56	RC/JU	Dilution
7	Q3584-01	BN038188.D	12 Nov 2025 12:32	RC/JU	Ok
8	Q3569-01	BN038189.D	12 Nov 2025 13:09	RC/JU	Dilution
9	Q3584-03	BN038190.D	12 Nov 2025 13:45	RC/JU	Ok
10	Q3584-02	BN038191.D	12 Nov 2025 14:21	RC/JU	Ok
11	Q3584-04	BN038192.D	12 Nov 2025 14:58	RC/JU	Ok
12	Q3584-05	BN038193.D	12 Nov 2025 15:34	RC/JU	Ok
13	Q3569-02DL	BN038194.D	12 Nov 2025 16:11	RC/JU	Ok
14	Q3569-01DL	BN038195.D	12 Nov 2025 16:47	RC/JU	Ok
15	SSTDCCC0.4	BN038196.D	12 Nov 2025 18:40	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM	
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM	
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038110.D	28 Oct 2025 12:05		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00		RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	compound #20 kept on LR	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49		RC/JU	Ok,M
6	SSTDICC1.6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	Compound #20 removed from 5PPM	RC/JU	Ok
9	SSTDICV0.4	ICVBN102825	BN038118.D	28 Oct 2025 17:51		RC/JU	Ok
10	PB170167BL	PB170167BL	BN038119.D	28 Oct 2025 19:04	END CCC missing, Analyzed for Contamination check.	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM		
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM		
SubDirectory	BN111225	HP Acquire Method	BNA_N	HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038182.D	12 Nov 2025 08:52		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31		RC/JU	Ok
3	PB170483BL	PB170483BL	BN038184.D	12 Nov 2025 10:07		RC/JU	Ok
4	PB170483BS	PB170483BS	BN038185.D	12 Nov 2025 10:44		RC/JU	Ok
5	PB170483BSD	PB170483BSD	BN038186.D	12 Nov 2025 11:20		RC/JU	Ok
6	Q3569-02	MW-12	BN038187.D	12 Nov 2025 11:56	Need 40X Dilution	RC/JU	Dilution
7	Q3584-01	SW-1	BN038188.D	12 Nov 2025 12:32		RC/JU	Ok
8	Q3569-01	MW-2	BN038189.D	12 Nov 2025 13:09	Need 10X Dilution	RC/JU	Dilution
9	Q3584-03	SW-3	BN038190.D	12 Nov 2025 13:45		RC/JU	Ok
10	Q3584-02	SW-2	BN038191.D	12 Nov 2025 14:21		RC/JU	Ok
11	Q3584-04	EB-2	BN038192.D	12 Nov 2025 14:58		RC/JU	Ok
12	Q3584-05	FB-2	BN038193.D	12 Nov 2025 15:34		RC/JU	Ok
13	Q3569-02DL	MW-12DL	BN038194.D	12 Nov 2025 16:11		RC/JU	Ok
14	Q3569-01DL	MW-2DL	BN038195.D	12 Nov 2025 16:47		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN038196.D	12 Nov 2025 18:40		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170483

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/11/2025

Extraction Start Time : 08:40

Extraction End Date : 11/11/2025

Extraction End Time : 13:40

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6876
Surrogate	1.0ML	0.4 PPM	SP6893
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
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
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:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext lab)	JY / SVOC
13:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170483

Analytical Method: M3510C,3580A-Extraction SVOC-21

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				
PB170483BL	SBLK483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB170483BS	SLCS483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
PB170483BSD	SLCSD483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-SIMGroup1	950	6	RUPESH	ritesh	1	M		4
Q3569-02	MW-12	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	M		5
Q3584-01	SW-1	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		6
Q3584-02	SW-2	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		7
Q3584-03	SW-3	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		8
Q3584-04	EB-2	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	H		9
Q3584-05	FB-2	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	F		10
Q3584-07	SEEP-1	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		11

RS 11/11/25

* **Extracts relinquished on the same date as received.**

1704483
8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569SIM **WorkList ID :** 193041 **Department :** Extraction **Date :** 11-11-2025 08:35:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3569-02	MW-12	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3584-01	SW-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-02	SW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-03	SW-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-04	EB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-05	FB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-07	SEEP-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified

Date/Time 11/11/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 11/11/25 9:15
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext Lab)

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

LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3569-01DL	**MW-2DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3569-02	**MW-12**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3569-02DL	**MW-12DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	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.: Q3569 **Order ID:** Q3569

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

Alliance
TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PD091094.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.052	ug/L	11/12/25 12:00	PB170485
319-85-7	beta-BHC	0.0051	U	1	0.0051	0.052	ug/L	11/12/25 12:00	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.052	ug/L	11/12/25 12:00	PB170485
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 12:00	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/12/25 12:00	PB170485
309-00-2	Aldrin	0.0037	U	1	0.0037	0.052	ug/L	11/12/25 12:00	PB170485
1024-57-3	Heptachlor epoxide	0.0099	U	1	0.0099	0.052	ug/L	11/12/25 12:00	PB170485
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/12/25 12:00	PB170485
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.052	ug/L	11/12/25 12:00	PB170485
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 12:00	PB170485
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/12/25 12:00	PB170485
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.052	ug/L	11/12/25 12:00	PB170485
72-54-8	4,4-DDD	0.0073	U	1	0.0073	0.052	ug/L	11/12/25 12:00	PB170485
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 12:00	PB170485
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 12:00	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.052	ug/L	11/12/25 12:00	PB170485
53494-70-5	Endrin ketone	0.0096	U	1	0.0096	0.052	ug/L	11/12/25 12:00	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.052	ug/L	11/12/25 12:00	PB170485
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 12:00	PB170485
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.052	ug/L	11/12/25 12:00	PB170485
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/12/25 12:00	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.0			30 (31) - 150 (149)	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			30 (41) - 150 (134)	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

Raw Data: **PD091095.D**

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	475 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.053	ug/L	11/12/25 12:14	PB170485
319-85-7	beta-BHC	0.0052	U	1	0.0052	0.053	ug/L	11/12/25 12:14	PB170485
319-86-8	delta-BHC	0.012	U	1	0.012	0.053	ug/L	11/12/25 12:14	PB170485
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.053	ug/L	11/12/25 12:14	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.053	ug/L	11/12/25 12:14	PB170485
309-00-2	Aldrin	0.0038	U	1	0.0038	0.053	ug/L	11/12/25 12:14	PB170485
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.053	ug/L	11/12/25 12:14	PB170485
959-98-8	Endosulfan I	0.0033	U	1	0.0033	0.053	ug/L	11/12/25 12:14	PB170485
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.053	ug/L	11/12/25 12:14	PB170485
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.053	ug/L	11/12/25 12:14	PB170485
72-20-8	Endrin	0.0034	U	1	0.0034	0.053	ug/L	11/12/25 12:14	PB170485
33213-65-9	Endosulfan II	0.0083	U	1	0.0083	0.053	ug/L	11/12/25 12:14	PB170485
72-54-8	4,4-DDD	0.0075	U	1	0.0075	0.053	ug/L	11/12/25 12:14	PB170485
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.053	ug/L	11/12/25 12:14	PB170485
50-29-3	4,4-DDT	0.0037	U	1	0.0037	0.053	ug/L	11/12/25 12:14	PB170485
72-43-5	Methoxychlor	0.012	U	1	0.012	0.053	ug/L	11/12/25 12:14	PB170485
53494-70-5	Endrin ketone	0.0098	U	1	0.0098	0.053	ug/L	11/12/25 12:14	PB170485
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.053	ug/L	11/12/25 12:14	PB170485
5103-71-9	alpha-Chlordane	0.0037	U	1	0.0037	0.053	ug/L	11/12/25 12:14	PB170485
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.053	ug/L	11/12/25 12:14	PB170485
8001-35-2	Toxaphene	0.18	U	1	0.18	1.10	ug/L	11/12/25 12:14	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	81.0	*		30 (31) - 150 (149)	405%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.0			30 (41) - 150 (134)	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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3569

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-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)
PB170485BL	PB170485BL	Decachlorobiphen	1	20	20.7	103		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.6	128		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (41)	150 (134)
PB170485BS	PB170485BS	Decachlorobiphen	1	20	21.4	107		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.5	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	26.4	132		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.9	120		30 (41)	150 (134)
PB170485BSD	PB170485BSD	Decachlorobiphen	1	20	17.5	87		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.9	99		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.7	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.1	115		30 (41)	150 (134)
Q3569-01	MW-2	Decachlorobiphen	1	20	12.7	64		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	18.0	90		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.0	95		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	19.7	99		30 (41)	150 (134)
Q3569-02	MW-12	Decachlorobiphen	1	20	16.5	82		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.0	95		30 (41)	150 (134)
		Decachlorobiphen	2	20	81.0	405	*	30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.1	85		30 (41)	150 (134)
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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091087.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170485BS (Column 1)	alpha-BHC	0.5	0.47	ug/L	95				40 (85)	140 (130)	
	beta-BHC	0.5	0.46	ug/L	92				40 (83)	140 (126)	
	delta-BHC	0.5	0.48	ug/L	95				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.47	ug/L	94				40 (82)	140 (129)	
	Heptachlor	0.5	0.57	ug/L	114				40 (79)	140 (127)	
	Aldrin	0.5	0.47	ug/L	95				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.49	ug/L	97				40 (81)	140 (124)	
	Endosulfan I	0.5	0.48	ug/L	95				40 (85)	140 (122)	
	Dieldrin	0.5	0.48	ug/L	96				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.47	ug/L	93				40 (80)	140 (127)	
	Endrin	0.5	0.44	ug/L	88				40 (81)	140 (128)	
	Endosulfan II	0.5	0.48	ug/L	96				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.51	ug/L	103				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.48	ug/L	95				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.47	ug/L	95				40 (80)	140 (133)	
	Methoxychlor	0.5	0.48	ug/L	96				40 (78)	140 (108)	
	Endrin ketone	0.5	0.50	ug/L	100				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.49	ug/L	99				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.48	ug/L	96				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.47	ug/L	94				40 (82)	140 (125)	
PB170485BS (Column 2)	alpha-BHC	0.5	0.53	ug/L	107				40 (85)	140 (130)	
	beta-BHC	0.5	0.52	ug/L	105				40 (83)	140 (126)	
	delta-BHC	0.5	0.53	ug/L	106				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.53	ug/L	106				40 (82)	140 (129)	
	Heptachlor	0.5	0.55	ug/L	110				40 (79)	140 (127)	
	Aldrin	0.5	0.53	ug/L	106				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.52	ug/L	104				40 (81)	140 (124)	
	Endosulfan I	0.5	0.53	ug/L	106				40 (85)	140 (122)	
	Dieldrin	0.5	0.54	ug/L	108				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.53	ug/L	107				40 (80)	140 (127)	
	Endrin	0.5	0.50	ug/L	100				40 (81)	140 (128)	
	Endosulfan II	0.5	0.55	ug/L	109				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.57	ug/L	114				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.55	ug/L	110				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.54	ug/L	107				40 (80)	140 (133)	
	Methoxychlor	0.5	0.54	ug/L	108				40 (78)	140 (108)	
	Endrin ketone	0.5	0.62	ug/L	123				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.56	ug/L	112				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.53	ug/L	106				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.53	ug/L	106				40 (82)	140 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091093.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170485BSD (Column 1)	alpha-BHC	0.5	0.47	ug/L	93	2			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.45	ug/L	89	3			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.46	ug/L	92	3			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.46	ug/L	92	2			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.55	ug/L	109	4			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.45	ug/L	90	5			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.45	ug/L	90	7			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.45	ug/L	89	7			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.43	ug/L	85	12			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.43	ug/L	87	7			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.41	ug/L	83	6			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.44	ug/L	88	9			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.47	ug/L	95	8			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.44	ug/L	88	8			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.45	ug/L	90	5			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.44	ug/L	88	9			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.46	ug/L	93	7			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.46	ug/L	91	8			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.43	ug/L	86	11			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.45	ug/L	90	4			40 (82)	140 (125)	20 (20)
PB170485BSD (Column 2)	alpha-BHC	0.5	0.51	ug/L	102	5			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.50	ug/L	99	6			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.50	ug/L	100	6			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.51	ug/L	102	4			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.52	ug/L	103	7			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.50	ug/L	100	6			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.48	ug/L	95	9			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.48	ug/L	97	9			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.48	ug/L	95	13			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.48	ug/L	97	10			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.46	ug/L	91	9			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.48	ug/L	97	12			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.50	ug/L	99	14			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.46	ug/L	93	17			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.47	ug/L	93	14			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.45	ug/L	91	17			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.49	ug/L	98	23		*	40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.48	ug/L	96	15			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.48	ug/L	97	9			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.49	ug/L	97	9			40 (82)	140 (125)	20 (20)

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170485BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab Sample ID: PB170485BL | Lab File ID: PD091086.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

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): 10:11 | Time Analyzed (2): 10:11

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
PB170485BS	PB170485BS	PD091087.D	11/12/2025	11/12/2025
PB170485BSD	PB170485BSD	PD091093.D	11/12/2025	11/12/2025
MW-2	Q3569-01	PD091094.D	11/12/2025	11/12/2025
MW-12	Q3569-02	PD091095.D	11/12/2025	11/12/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD091086.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170485BL	SDG No.:	Q3569
Lab Sample ID:	PB170485BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 10:11	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 10:11	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 10:11	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 10:11	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 10:11	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 10:11	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 10:11	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 10:11	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 10:11	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 10:11	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:11	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.6			30 (31) - 150 (149)	128%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			30 (41) - 150 (134)	118%	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
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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.:	Q3569
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		

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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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.:	Q3569
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		

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LOQ = Limit of Quantitation
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() = Laboratory InHouse Limit

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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.:	Q3569
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

Raw Data: **PD091087.D**

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:	PB170485BS	SDG No.:	Q3569
Lab Sample ID:	PB170485BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
319-85-7	beta-BHC	0.52		1	0.0049	0.050	ug/L	11/12/25 10:25	PB170485
319-86-8	delta-BHC	0.53		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
58-89-9	gamma-BHC (Lindane)	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
76-44-8	Heptachlor	0.57		1	0.0027	0.050	ug/L	11/12/25 10:25	PB170485
309-00-2	Aldrin	0.53		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
1024-57-3	Heptachlor epoxide	0.52		1	0.0096	0.050	ug/L	11/12/25 10:25	PB170485
959-98-8	Endosulfan I	0.53		1	0.0031	0.050	ug/L	11/12/25 10:25	PB170485
60-57-1	Dieldrin	0.54		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
72-55-9	4,4-DDE	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
72-20-8	Endrin	0.50		1	0.0032	0.050	ug/L	11/12/25 10:25	PB170485
33213-65-9	Endosulfan II	0.55		1	0.0079	0.050	ug/L	11/12/25 10:25	PB170485
72-54-8	4,4-DDD	0.57		1	0.0071	0.050	ug/L	11/12/25 10:25	PB170485
1031-07-8	Endosulfan Sulfate	0.55		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
50-29-3	4,4-DDT	0.54		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
72-43-5	Methoxychlor	0.54		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
53494-70-5	Endrin ketone	0.62		1	0.0093	0.050	ug/L	11/12/25 10:25	PB170485
7421-93-4	Endrin aldehyde	0.56		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
5103-71-9	alpha-Chlordane	0.53		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
5103-74-2	gamma-Chlordane	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:25	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.4			30 (31) - 150 (149)	132%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.9			30 (41) - 150 (134)	120%	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

Raw Data: **PD091093.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170485BSD	SDG No.:	Q3569
Lab Sample ID:	PB170485BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.51		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/12/25 11:47	PB170485
319-86-8	delta-BHC	0.50		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
76-44-8	Heptachlor	0.55		1	0.0027	0.050	ug/L	11/12/25 11:47	PB170485
309-00-2	Aldrin	0.50		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
1024-57-3	Heptachlor epoxide	0.48		1	0.0096	0.050	ug/L	11/12/25 11:47	PB170485
959-98-8	Endosulfan I	0.48		1	0.0031	0.050	ug/L	11/12/25 11:47	PB170485
60-57-1	Dieldrin	0.48		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
72-55-9	4,4-DDE	0.48		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
72-20-8	Endrin	0.46		1	0.0032	0.050	ug/L	11/12/25 11:47	PB170485
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/12/25 11:47	PB170485
72-54-8	4,4-DDD	0.50		1	0.0071	0.050	ug/L	11/12/25 11:47	PB170485
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
50-29-3	4,4-DDT	0.47		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
72-43-5	Methoxychlor	0.45		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
53494-70-5	Endrin ketone	0.49		1	0.0093	0.050	ug/L	11/12/25 11:47	PB170485
7421-93-4	Endrin aldehyde	0.48		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
5103-71-9	alpha-Chlordane	0.48		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
5103-74-2	gamma-Chlordane	0.49		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 11:47	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.7			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.1			30 (41) - 150 (134)	115%	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.: Q3569
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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3569
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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3569
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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3569
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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

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

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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Fax : 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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	11/12/2025	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
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	9.07	3.54
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	9.07	3.54
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	9.06	3.54
MW-2	Q3569-01	11/12/2025	12:00	PD091094.D	9.07	3.54
MW-12	Q3569-02	11/12/2025	12:14	PD091095.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

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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	11/12/2025	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
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	8.06	2.87
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	8.06	2.87
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	8.06	2.87
MW-2	Q3569-01	11/12/2025	12:00	PD091094.D	8.06	2.87
MW-12	Q3569-02	11/12/2025	12:14	PD091095.D	8.07	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

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Lab Sample ID: PB170485BS **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 II	1	6.78	6.73	6.83	0.48	12.9
	2	6.07	6.02	6.12	0.55	
4,4'-DDD	1	6.70	6.65	6.75	0.51	10.6
	2	5.92	5.87	5.97	0.57	
4,4'-DDT	1	7.02	6.97	7.07	0.47	12.4
	2	6.17	6.12	6.22	0.54	
Endrin aldehyde	1	6.91	6.86	6.96	0.49	12.9
	2	6.25	6.20	6.30	0.56	
Endosulfan sulfate	1	7.14	7.09	7.19	0.48	14.2
	2	6.47	6.42	6.52	0.55	
Methoxychlor	1	7.49	7.44	7.54	0.48	11.7
	2	6.74	6.69	6.79	0.54	
Endrin ketone	1	7.63	7.58	7.68	0.50	20.6
	2	6.98	6.93	7.03	0.62	
alpha-BHC	1	3.99	3.94	4.04	0.47	12.1
	2	3.39	3.34	3.44	0.53	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.47	12.6
	2	3.72	3.67	3.77	0.53	
Heptachlor	1	4.92	4.87	4.97	0.57	3.6
	2	4.07	4.02	4.12	0.55	
Aldrin	1	5.26	5.21	5.31	0.47	11.3
	2	4.36	4.31	4.41	0.53	
beta-BHC	1	4.51	4.46	4.56	0.46	13.3
	2	4.02	3.97	4.07	0.52	
delta-BHC	1	4.76	4.71	4.81	0.48	10.6
	2	4.25	4.20	4.30	0.53	
Heptachlor epoxide	1	5.68	5.63	5.73	0.49	6.8
	2	4.86	4.81	4.91	0.52	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Lab Sample ID: PB170485BS **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 I	1	6.07	6.02	6.12	0.48	10.2
	2	5.24	5.19	5.29	0.53	
gamma-Chlordane	1	5.94	5.89	5.99	0.47	12.5
	2	5.12	5.07	5.17	0.53	
alpha-Chlordane	1	6.02	5.97	6.07	0.48	9.8
	2	5.18	5.13	5.23	0.53	
4,4'-DDE	1	6.19	6.14	6.24	0.47	13.5
	2	5.37	5.32	5.42	0.53	
Dieldrin	1	6.34	6.29	6.39	0.48	11.6
	2	5.50	5.45	5.55	0.54	
Endrin	1	6.57	6.52	6.62	0.44	13.3
	2	5.78	5.73	5.83	0.50	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Lab Sample ID: PB170485BSD **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 II	1	6.78	6.73	6.83	0.44	9.9
	2	6.07	6.02	6.12	0.48	
4,4'-DDD	1	6.70	6.65	6.75	0.47	4.6
	2	5.92	5.87	5.97	0.50	
4,4'-DDT	1	7.02	6.97	7.07	0.45	3.7
	2	6.17	6.12	6.22	0.47	
Endrin aldehyde	1	6.91	6.86	6.96	0.46	5.3
	2	6.25	6.20	6.30	0.48	
Endosulfan sulfate	1	7.14	7.09	7.19	0.44	5.4
	2	6.47	6.42	6.52	0.46	
Methoxychlor	1	7.49	7.44	7.54	0.44	3
	2	6.74	6.69	6.79	0.45	
Endrin ketone	1	7.63	7.58	7.68	0.46	4.8
	2	6.98	6.93	7.03	0.49	
alpha-BHC	1	3.99	3.94	4.04	0.47	9.2
	2	3.39	3.34	3.44	0.51	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.46	9.9
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.92	4.87	4.97	0.55	5.6
	2	4.07	4.02	4.12	0.52	
Aldrin	1	5.26	5.21	5.31	0.45	10.3
	2	4.36	4.31	4.41	0.50	
beta-BHC	1	4.51	4.46	4.56	0.45	10.7
	2	4.02	3.97	4.07	0.50	
delta-BHC	1	4.76	4.71	4.81	0.46	8.3
	2	4.25	4.20	4.30	0.50	
Heptachlor epoxide	1	5.68	5.63	5.73	0.45	5.5
	2	4.86	4.81	4.91	0.48	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Lab Sample ID: PB170485BSD **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 I	1	6.07	6.02	6.12	0.45	7.9
	2	5.24	5.19	5.29	0.48	
gamma-Chlordane	1	5.94	5.89	5.99	0.45	8
	2	5.12	5.07	5.17	0.49	
alpha-Chlordane	1	6.02	5.97	6.07	0.43	11.6
	2	5.18	5.13	5.23	0.48	
4,4'-DDE	1	6.19	6.14	6.24	0.43	11.1
	2	5.36	5.31	5.41	0.48	
Dieldrin	1	6.34	6.29	6.39	0.43	11
	2	5.50	5.45	5.55	0.48	
Endrin	1	6.57	6.52	6.62	0.41	9.6
	2	5.78	5.73	5.83	0.46	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:00
Operator : AR\AJ
Sample : Q3569-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:11:18 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	56002011	586.7E6	17.983m	19.702
28)	SA Decachlor...	9.065	8.061	59485500	576.5E6	12.716m	19.033m#
	Target Compounds						

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

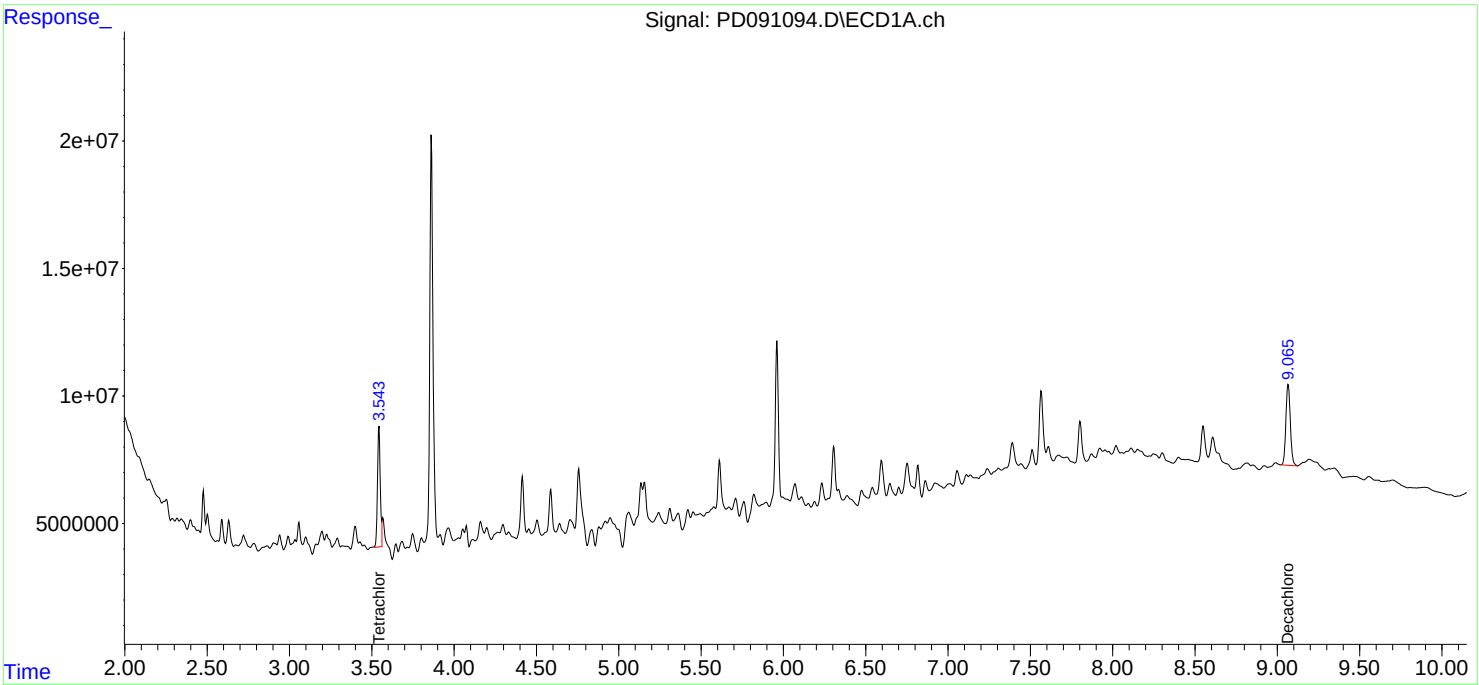
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:00
Operator : AR\AJ
Sample : Q3569-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

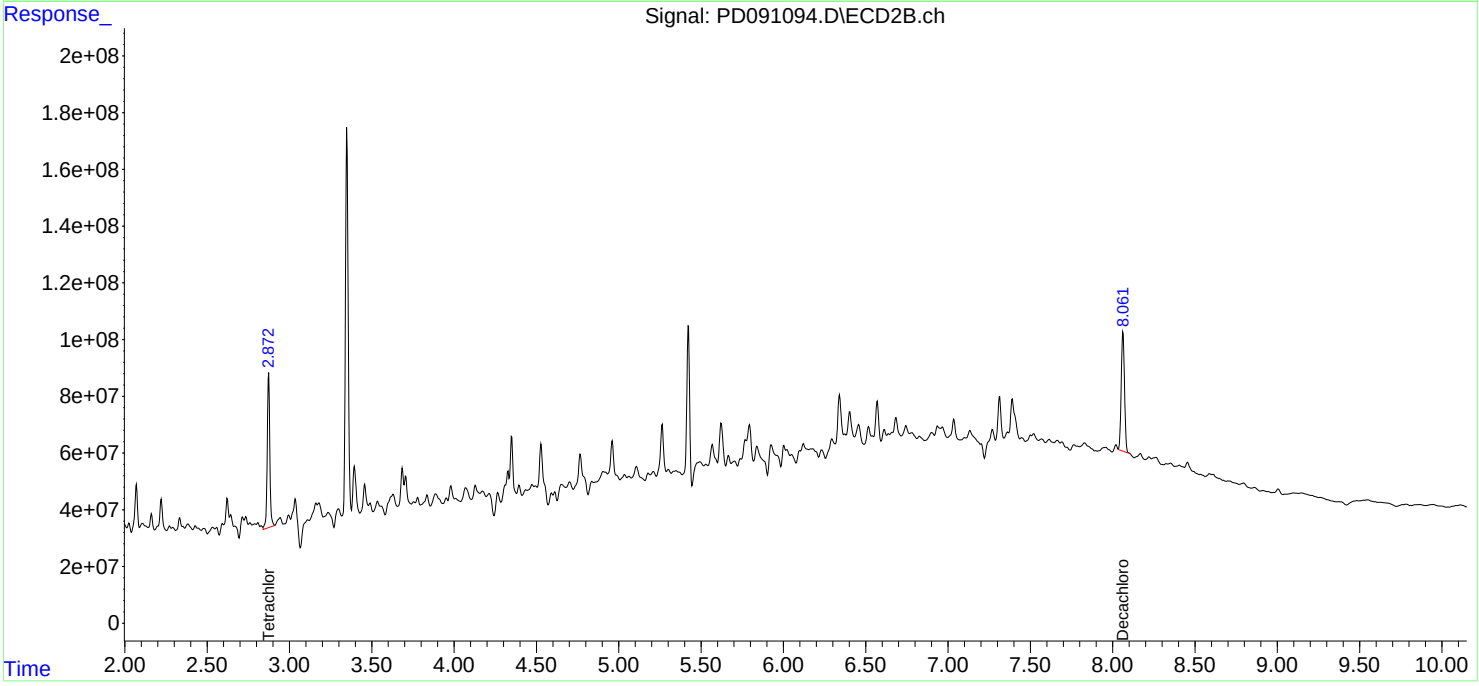
Instrument :
ECD_D
ClientSampleId :
MW-2

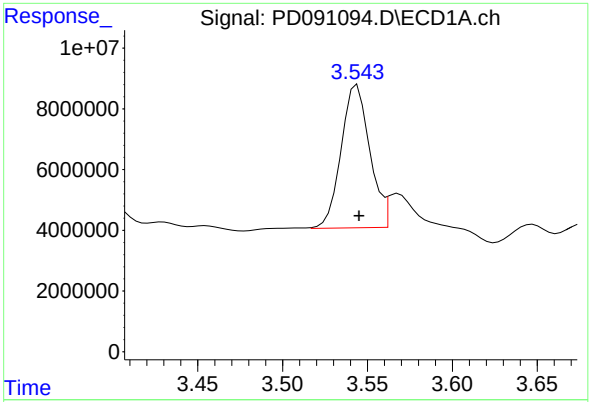
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:11:18 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







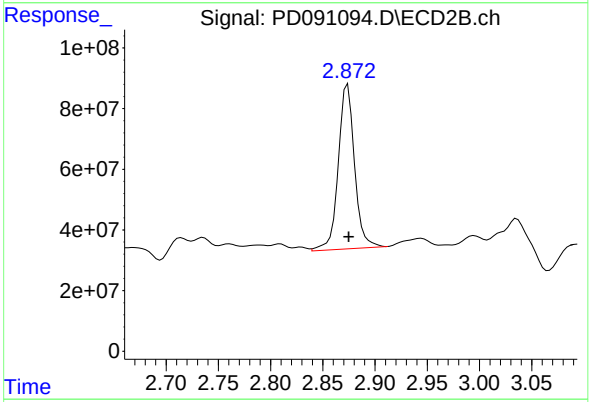
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 56002011
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-2

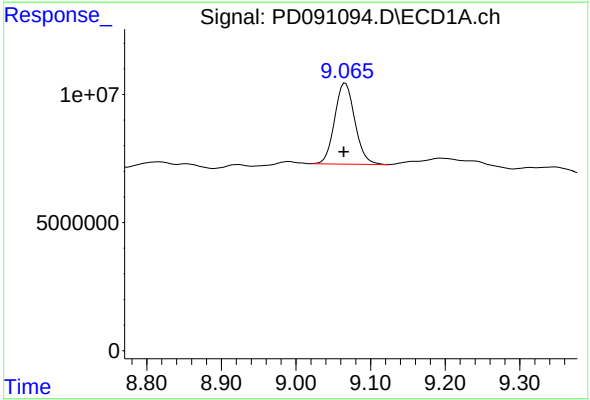
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



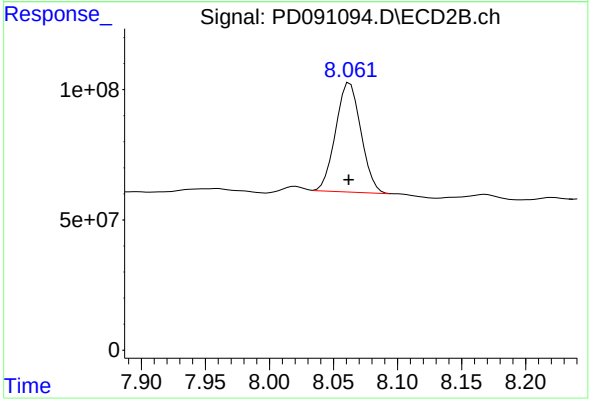
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 586679240
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 59485500
Conc: 12.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 576540674
Conc: 19.03 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:14
Operator : AR\AJ
Sample : Q3569-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:11:45 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...	3.544	2.873	59077777	508.8E6	18.971	17.087
28)	SA Decachlor...	9.066	8.067	77013629	2451.9E6	16.463	80.945 #
	Target Compounds						

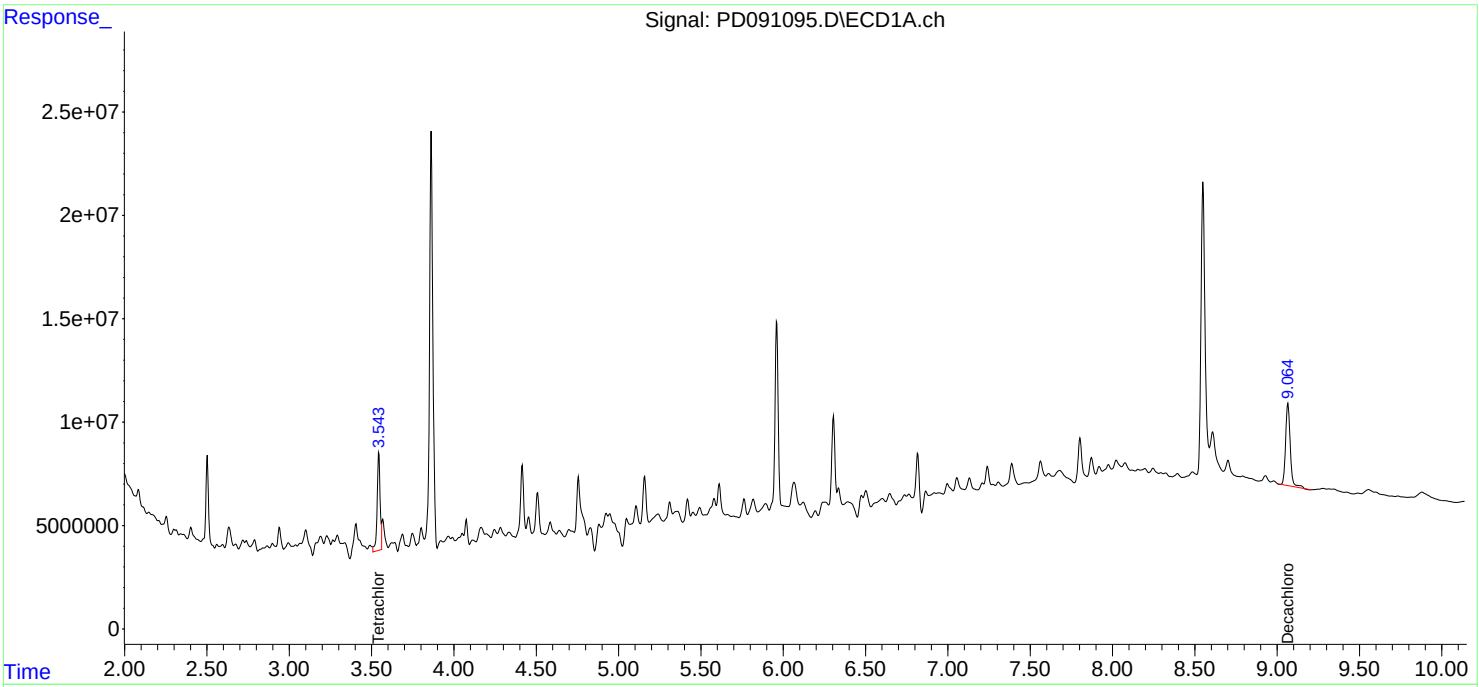
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

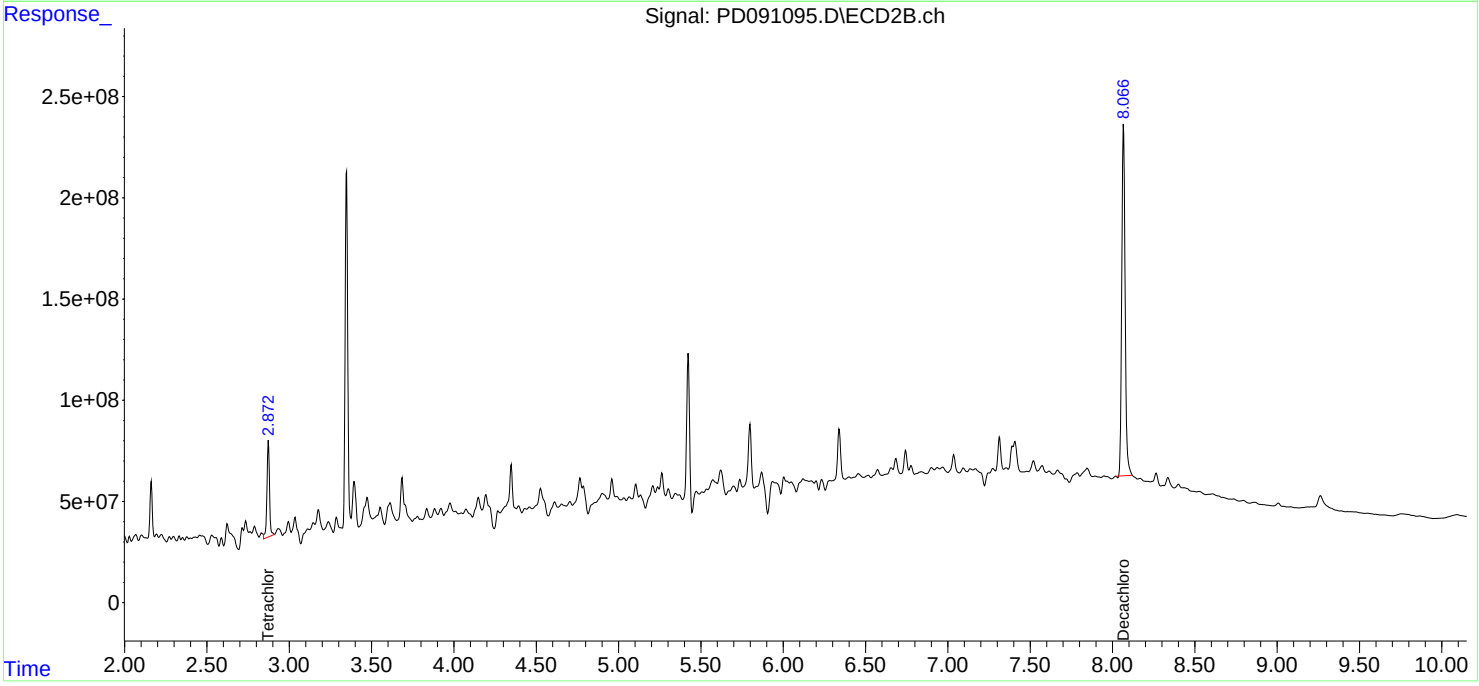
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:14
Operator : AR\AJ
Sample : Q3569-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

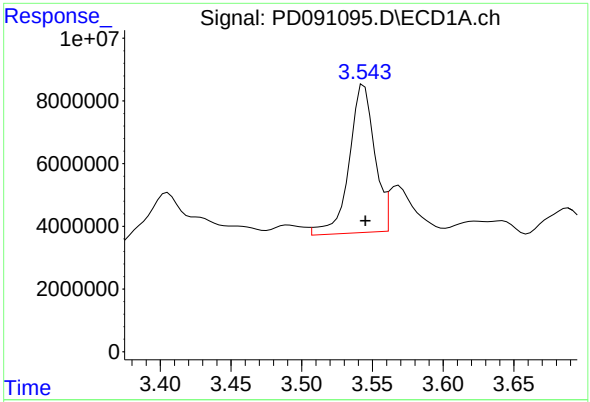
Instrument :
ECD_D
ClientSampleId :
MW-12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:11:45 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



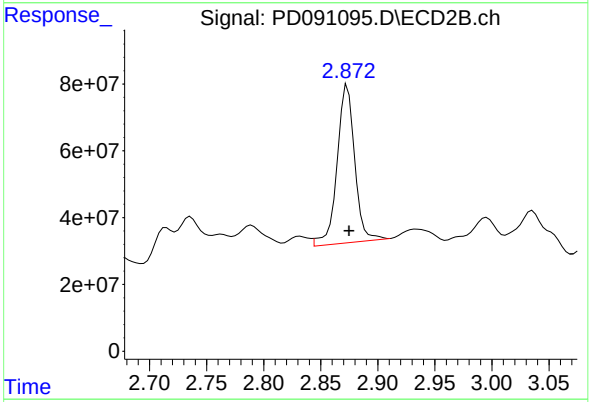




#1 Tetrachloro-m-xylene

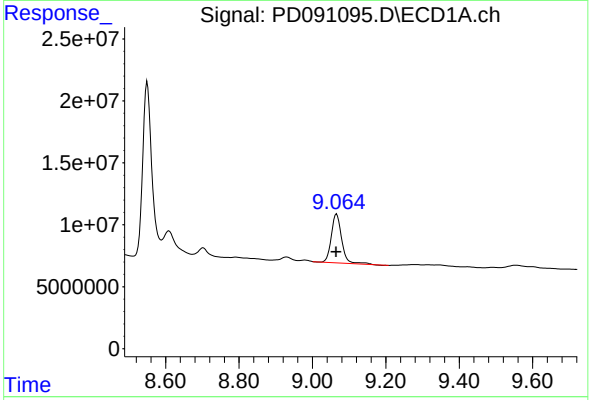
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 59077777
Conc: 18.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-12



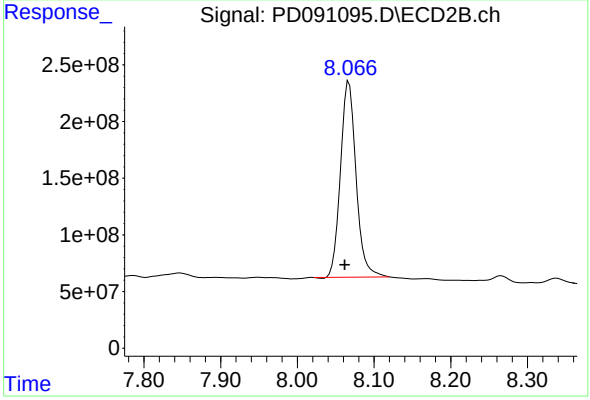
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 508799141
Conc: 17.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 77013629
Conc: 16.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.005 min
Response: 2451943045
Conc: 80.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 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	2.874	63699704	702.3E6	20.455	23.587
28)	SA Decachlor...	9.065	8.060	96809267	777.0E6	20.695	25.652
	Target Compounds						

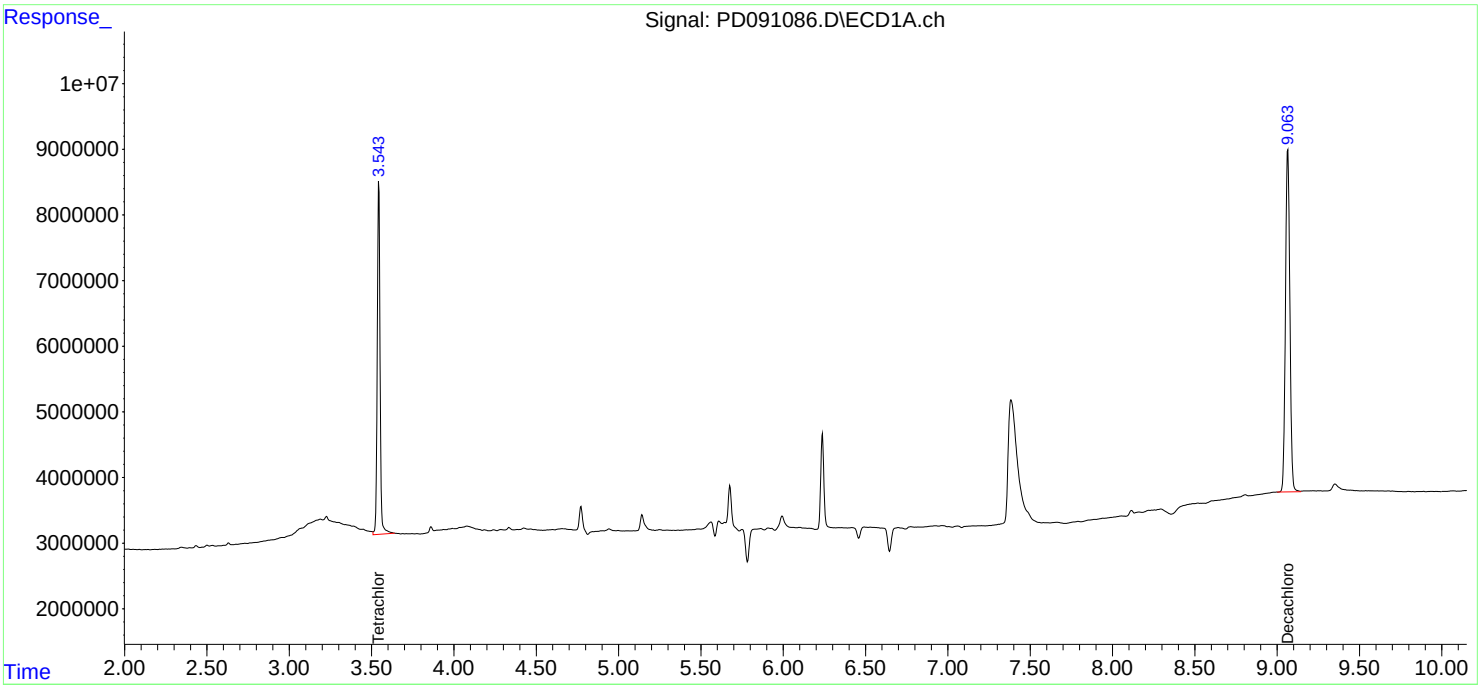
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

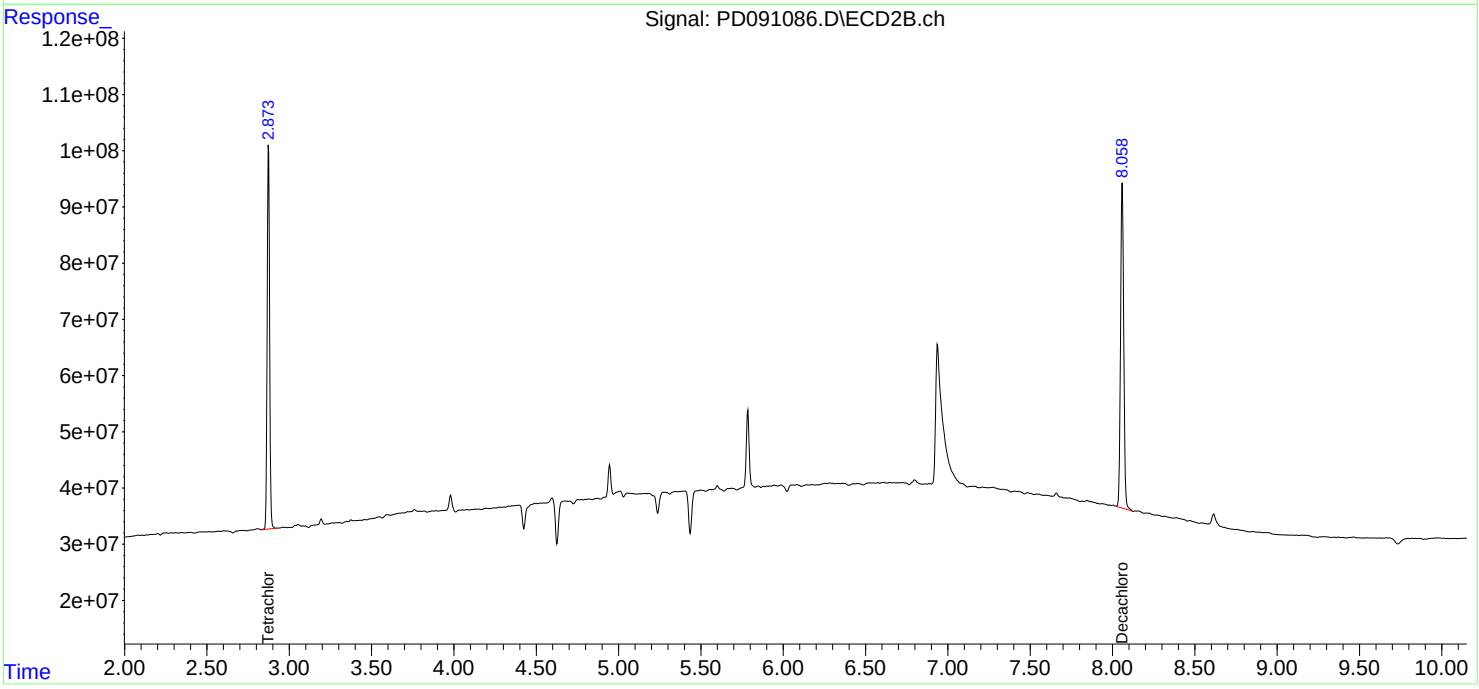
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

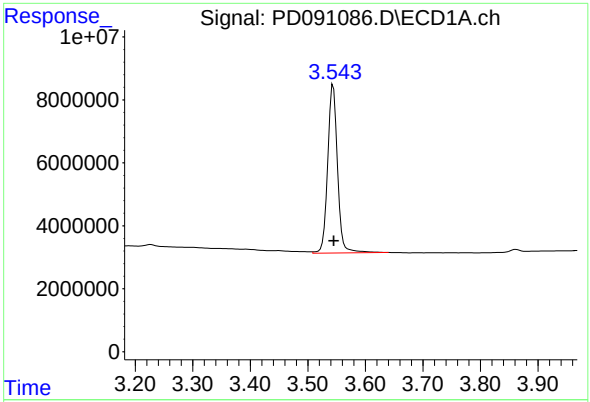
Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 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



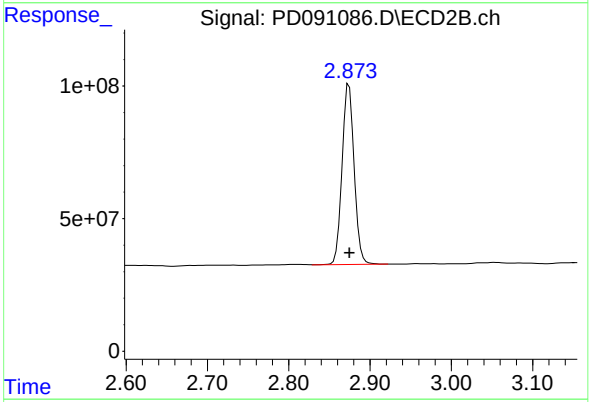




#1 Tetrachloro-m-xylene

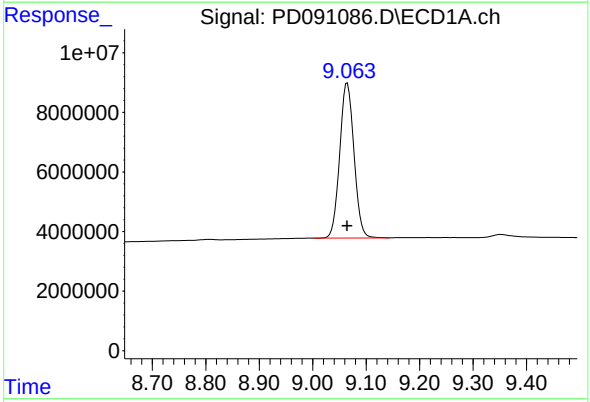
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 63699704
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BL



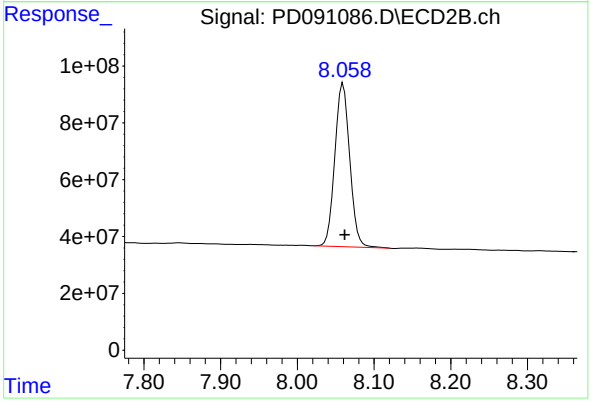
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 702340415
Conc: 23.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 96809267
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 777038410
Conc: 25.65 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BS

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 10:44:42 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	2.874	63979010	712.3E6	20.545	23.922
28)	SA Decachlor...	9.066	8.061	100.0E6	800.9E6	21.382	26.440
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	339.3E6	2726.7E6	47.279	53.364
3)	MA gamma-BHC...	4.324	3.722	318.5E6	2511.2E6	46.848	53.148
4)	MA Heptachlor	4.922	4.074	317.5E6	2443.0E6	56.798	54.773
5)	MB Aldrin	5.264	4.359	309.7E6	2454.0E6	47.295	52.980
6)	B beta-BHC	4.512	4.018	119.9E6	1036.2E6	45.761	52.257
7)	B delta-BHC	4.760	4.254	321.8E6	2524.4E6	47.588	52.904
8)	B Heptachlo...	5.684	4.862	281.5E6	2219.3E6	48.632	52.049
9)	A Endosulfan I	6.068	5.237	264.0E6	2078.9E6	47.677	52.777
10)	B gamma-Chl...	5.939	5.115	278.0E6	2386.9E6	46.870	53.102
11)	B alpha-Chl...	6.020	5.180	296.8E6	2284.4E6	48.031	52.956
12)	B 4,4'-DDE	6.189	5.365	248.5E6	2342.3E6	46.656	53.431
13)	MA Dieldrin	6.340	5.503	279.8E6	2382.0E6	47.984	53.912
14)	MA Endrin	6.568	5.779	217.4E6	2029.8E6	43.889	50.127
15)	B Endosulfa...	6.781	6.071	239.6E6	2047.8E6	47.917	54.527
16)	A 4,4'-DDD	6.700	5.919	207.8E6	2076.9E6	51.262	56.999
17)	MA 4,4'-DDT	7.016	6.172	194.7E6	1881.4E6	47.379	53.642
18)	B Endrin al...	6.910	6.248	180.7E6	1554.4E6	49.338	56.129
19)	B Endosulfa...	7.144	6.472	220.4E6	1963.3E6	47.511	54.772
20)	A Methoxychlor	7.488	6.743	102.0E6	940.0E6	47.984	53.936
21)	B Endrin ke...	7.625	6.980	243.2E6	2322.0E6	50.045	61.562m
22)	Mirex	8.107	7.174	147.9E6	1393.4E6	46.221	54.238

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

Sample Results: **PD091087.D**

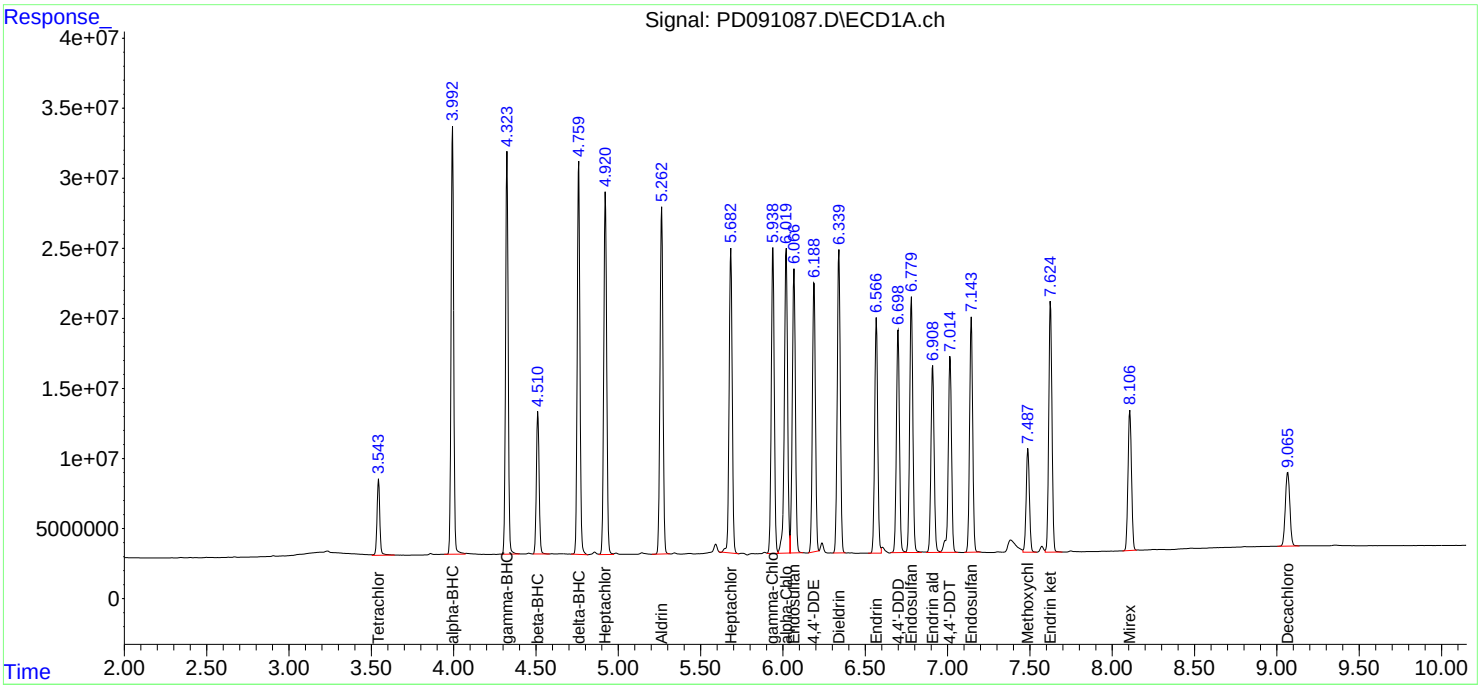
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

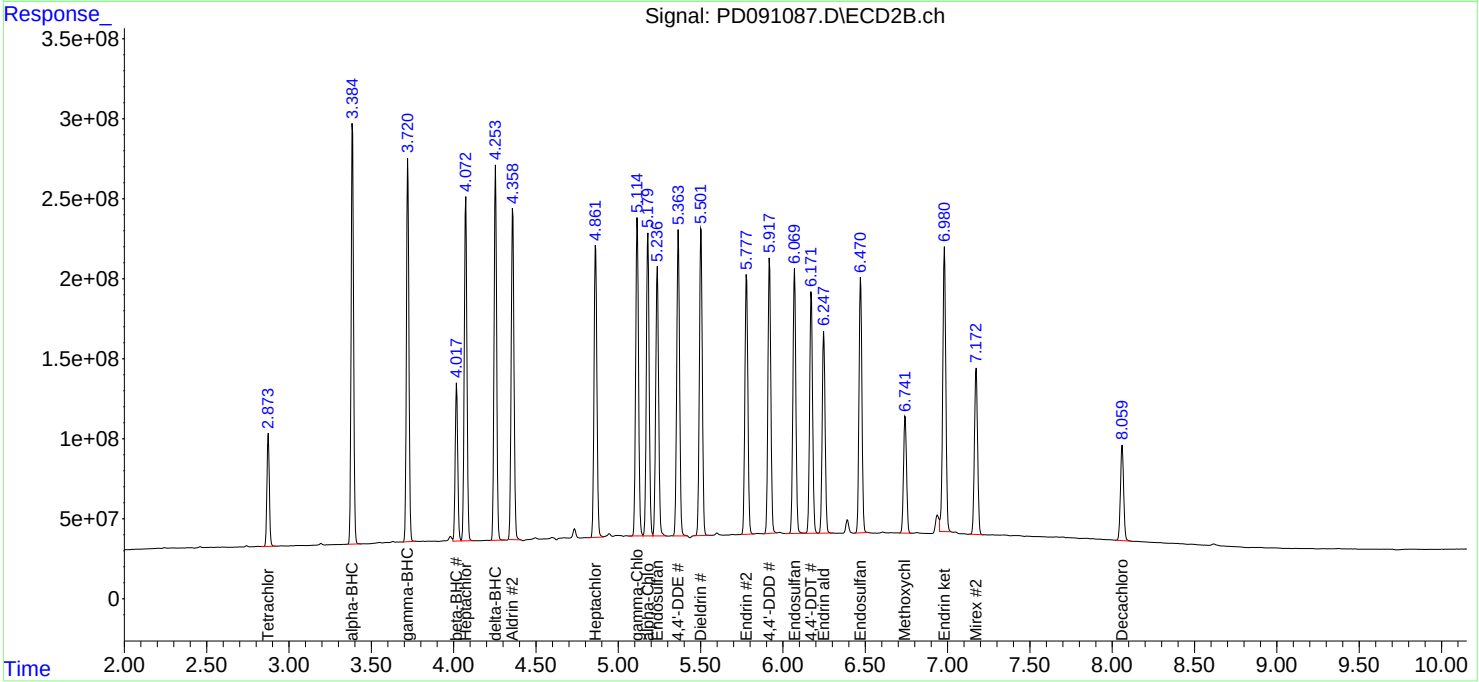
Instrument :
ECD_D
ClientSampleId :
PB170485BS

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 10:44:42 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\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

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 12:00:20 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	2.874	61905958	686.3E6	19.879	23.048
28)	SA Decachlor...	9.064	8.060	81677694	627.4E6	17.460m	20.711
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	334.3E6	2609.8E6	46.585	51.076
3)	MA gamma-BHC...	4.324	3.721	312.5E6	2398.8E6	45.971	50.770
4)	MA Heptachlor	4.922	4.073	305.5E6	2306.0E6	54.659	51.701
5)	MB Aldrin	5.263	4.359	294.9E6	2313.3E6	45.046	49.942
6)	B beta-BHC	4.512	4.018	116.6E6	982.1E6	44.503	49.525
7)	B delta-BHC	4.760	4.254	312.2E6	2394.7E6	46.166	50.185
8)	B Heptachlo...	5.684	4.863	261.0E6	2031.7E6	45.090	47.649
9)	A Endosulfan I	6.068	5.237	247.0E6	1902.0E6	44.604	48.286
10)	B gamma-Chl...	5.939	5.115	266.0E6	2185.0E6	44.849	48.611
11)	B alpha-Chl...	6.020	5.180	266.5E6	2088.8E6	43.127	48.421
12)	B 4,4'-DDE	6.189	5.364	230.9E6	2123.3E6	43.352	48.435
13)	MA Dieldrin	6.341	5.503	248.9E6	2105.6E6	42.675	47.654
14)	MA Endrin	6.568	5.780	204.8E6	1843.3E6	41.344	45.520
15)	B Endosulfa...	6.781	6.071	219.4E6	1819.8E6	43.877	48.457
16)	A 4,4'-DDD	6.700	5.919	192.5E6	1812.2E6	47.486	49.735
17)	MA 4,4'-DDT	7.016	6.173	184.8E6	1636.1E6	44.968	46.647
18)	B Endrin al...	6.910	6.249	167.0E6	1331.0E6	45.584	48.063
19)	B Endosulfa...	7.144	6.472	203.6E6	1661.2E6	43.905	46.343
20)	A Methoxychlor	7.487	6.743	93716063	791.5E6	44.090m	45.419
21)	B Endrin ke...	7.625	6.982	225.8E6	1838.9E6	46.465	48.754
22)	Mirex	8.106	7.174	144.7E6	1162.5E6	45.197m	45.250

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

Sample Results: **PD091093.D**

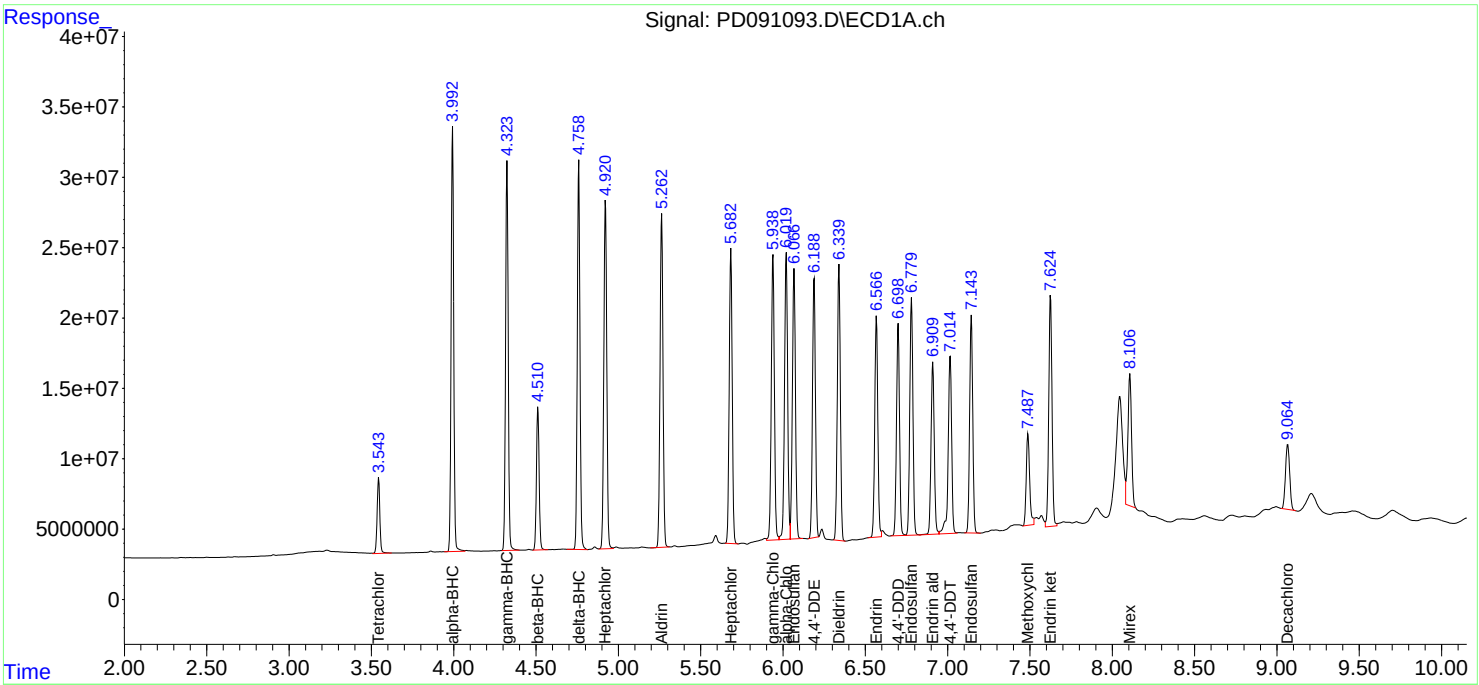
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

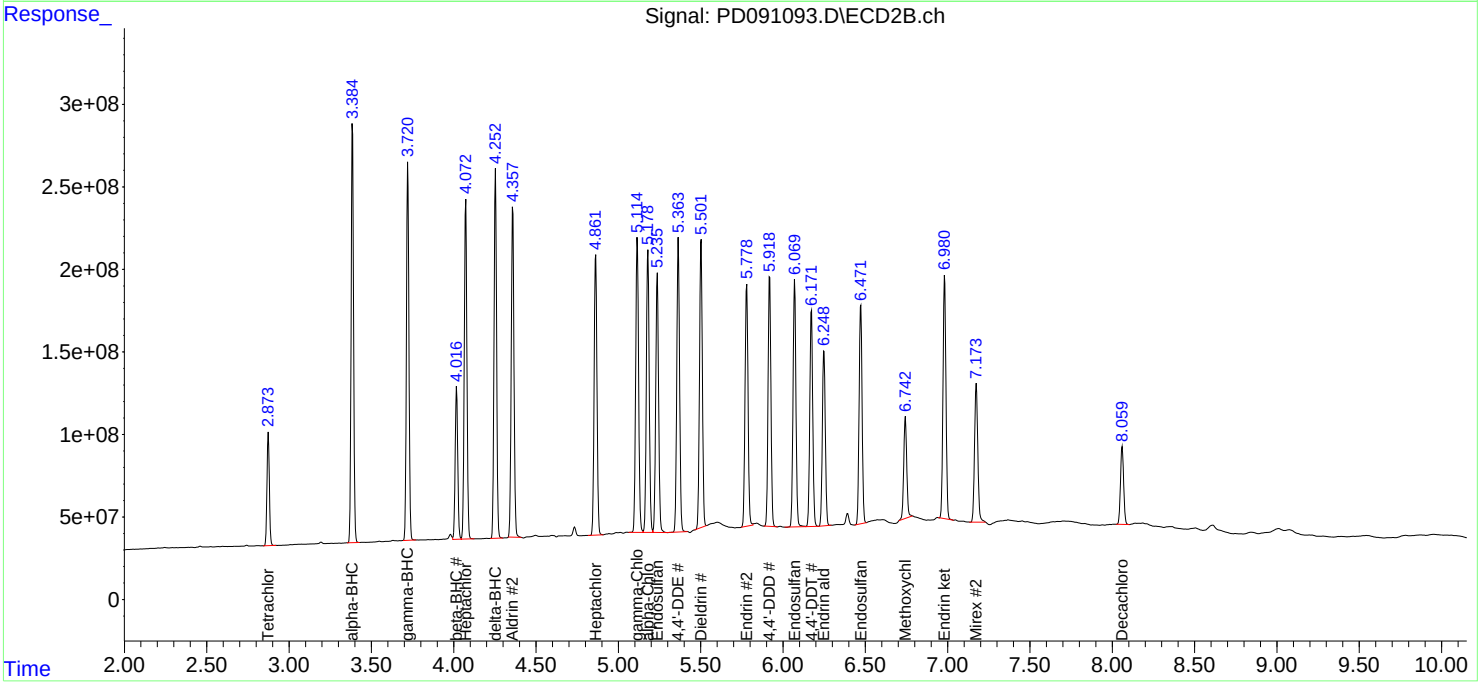
Instrument :
ECD_D
ClientSampleId :
PB170485BSD

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 12:00:20 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

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Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170485BS	PD091087.D	Endrin ketone #2	rahul	11/13/2025 11:01:32 AM	yogesh	11/13/2025 1:17:40	Peak Integrated by Software
PB170485BSD	PD091093.D	Decachlorobiphenyl	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Methoxychlor	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Mirex	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
Q3569-01	PD091094.D	Decachlorobiphenyl	rahul	11/13/2025 2:09:27 PM	Sohil	11/14/2025 4:16:26	Peak Integrated by Software
Q3569-01	PD091094.D	Decachlorobiphenyl #2	rahul	11/13/2025 2:09:27 PM	Sohil	11/14/2025 4:16:26	Peak Integrated by Software
Q3569-01	PD091094.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:27 PM	Sohil	11/14/2025 4:16:26	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

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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

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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

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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

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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

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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

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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

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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,
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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

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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

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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

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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

PB170485

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: Florisil

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/11/2025

Extraction Start Time : 09:20

Extraction End Date : 11/11/2025

Extraction End Time : 14:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
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
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721. Q3569 all samples & Q3584-04,05 split the volume.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext Lab)	P.P. Prep Grp.
14:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170485

Analytical Method: M3510C,3580A-Extraction Pesticide-17

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				
PB170485BL	PBLK485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170485BS	PLCS485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170485BSD	PLCSD485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3569-01	MW-2	Pesticide-TCL	485	6	RUPESH	ritesh	5	L		4
Q3569-02	MW-12	Pesticide-TCL	475	6	RUPESH	ritesh	5	L		5
Q3584-01	SW-1	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		6
Q3584-02	SW-2	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		7
Q3584-03	SW-3	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		8
Q3584-04	EB-2	Pesticide-TCL	480	6	RUPESH	ritesh	5	G		9
Q3584-05	FB-2	Pesticide-TCL	490	6	RUPESH	ritesh	5	F		10
Q3584-07	SEEP-1	Pesticide-TCL	990	6	RUPESH	ritesh	10	O		11

RS 11/11

* **Extracts relinquished on the same date as received.**

170485
9:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3584 **WorkList ID :** 193040 **Department :** Extraction **Date :** 11-11-2025 08:43:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3569-02	MW-12	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3584-01	SW-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-02	SW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02		11/07/2025	8081B
Q3584-03	SW-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-04	EB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-05	FB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-07	SEEP-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B

Date/Time 11/11/25 9:15
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by:

Date/Time 11/11/25 10:00
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext-lab)

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**WATER**			**11/05/25**			**11/06/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3569-02	**MW-12**	**WATER**			**11/05/25**			**11/06/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3569 **Order ID:** Q3569

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

Alliance
TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PO115020.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.52	ug/L	11/11/25 18:53	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.52	ug/L	11/11/25 18:53	PB170484
11141-16-5	Aroclor-1232	0.099	U	1	0.099	0.52	ug/L	11/11/25 18:53	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.52	ug/L	11/11/25 18:53	PB170484
12672-29-6	Aroclor-1248	0.073	U	1	0.073	0.52	ug/L	11/11/25 18:53	PB170484
11097-69-1	Aroclor-1254	0.097	U	1	0.097	0.52	ug/L	11/11/25 18:53	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.52	ug/L	11/11/25 18:53	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/11/25 18:53	PB170484
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/11/25 18:53	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			30 (30) - 150 (173)	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.4			30 (10) - 150 (173)	87%	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

Raw Data: **PO115021.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	475 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.53	ug/L	11/11/25 19:11	PB170484
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.53	ug/L	11/11/25 19:11	PB170484
11141-16-5	Aroclor-1232	0.10	U	1	0.10	0.53	ug/L	11/11/25 19:11	PB170484
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.53	ug/L	11/11/25 19:11	PB170484
12672-29-6	Aroclor-1248	0.075	U	1	0.075	0.53	ug/L	11/11/25 19:11	PB170484
11097-69-1	Aroclor-1254	0.099	U	1	0.099	0.53	ug/L	11/11/25 19:11	PB170484
37324-23-5	Aroclor-1262	0.15	U	1	0.15	0.53	ug/L	11/11/25 19:11	PB170484
11100-14-4	Aroclor-1268	0.12	U	1	0.12	0.53	ug/L	11/11/25 19:11	PB170484
11096-82-5	Aroclor-1260	0.085	U	1	0.085	0.53	ug/L	11/11/25 19:11	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.9			30 (30) - 150 (173)	125%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.0			30 (10) - 150 (173)	110%	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3569

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-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)
PB170484BL	PB170484BL	Tetrachloro-m-xyl	1	20	23.3	117		30 (30)	150 (173)
		Decachlorobiphen	1	20	23.3	117		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	23.5	118		30 (30)	150 (173)
		Decachlorobiphen	2	20	25.5	128		30 (10)	150 (173)
PB170484BS	PB170484BS	Tetrachloro-m-xyl	1	20	24.5	123		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.5	122		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.5	113		30 (30)	150 (173)
		Decachlorobiphen	2	20	26.8	134		30 (10)	150 (173)
PB170484BSD	PB170484BSD	Tetrachloro-m-xyl	1	20	24.3	121		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.4	122		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (30)	150 (173)
		Decachlorobiphen	2	20	26.1	130		30 (10)	150 (173)
Q3569-01	MW-2	Tetrachloro-m-xyl	1	20	24.4	122		30 (30)	150 (173)
		Decachlorobiphen	1	20	16.2	81		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	24.2	121		30 (30)	150 (173)
		Decachlorobiphen	2	20	17.4	87		30 (10)	150 (173)
Q3569-02	MW-12	Tetrachloro-m-xyl	1	20	23.9	120		30 (30)	150 (173)
		Decachlorobiphen	1	20	20.6	103		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	24.9	125		30 (30)	150 (173)
		Decachlorobiphen	2	20	22.0	110		30 (10)	150 (173)
I.BLK-PO115029.D	PIBLK-PO115029.D	Tetrachloro-m-xyl	1	20	19.5	97		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.5	97		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.7	103		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO115016.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170484BS (Column 1)	AR1016	5	4.10	ug/L	82				40 (77)	140 (107)	
	AR1260	5	4.00	ug/L	80				40 (66)	140 (113)	
PB170484BS (Column 2)	AR1016	5	4.00	ug/L	80				40 (77)	140 (107)	
	AR1260	5	3.90	ug/L	78				40 (66)	140 (113)	

( ) = 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.: Q3569 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO115017.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170484BSD (Column 1)	AR1016	5	4.20	ug/L	84	2			40 (77)	140 (107)	20 (20)
	AR1260	5	4.00	ug/L	80	0			40 (66)	140 (113)	20 (20)
PB170484BSD (Column 2)	AR1016	5	4.10	ug/L	82	2			40 (77)	140 (107)	20 (20)
	AR1260	5	3.90	ug/L	78	0			40 (66)	140 (113)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170484BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab Sample ID: PB170484BL | Lab File ID: PO115015.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

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): 17:21 | Time Analyzed (2): 17:21

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
PB170484BS	PB170484BS	PO115016.D	11/11/2025	11/11/2025
PB170484BSD	PB170484BSD	PO115017.D	11/11/2025	11/11/2025
MW-2	Q3569-01	PO115020.D	11/11/2025	11/11/2025
MW-12	Q3569-02	PO115021.D	11/11/2025	11/11/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PO115015.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170484BL	SDG No.:	Q3569
Lab Sample ID:	PB170484BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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 17:21	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:21	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:21	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:21	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:21	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:21	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:21	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:21	PB170484
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25 17:21	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.5			30 (30) - 150 (173)	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.5			30 (10) - 150 (173)	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

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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.:	Q3569
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

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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.:	Q3569
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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PO115029.D	SDG No.:	Q3569
Lab Sample ID:	I.BLK-PO115029.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	19.5			70 (60) - 130 (140)	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.6			70 (60) - 130 (140)	98%	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

Raw Data: **PO115016.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170484BS	SDG No.:	Q3569
Lab Sample ID:	PB170484BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.10		1	0.097	0.50	ug/L	11/11/25 17:39	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:39	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:39	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:39	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:39	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:39	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:39	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:39	PB170484
11096-82-5	Aroclor-1260	4.00		1	0.081	0.50	ug/L	11/11/25 17:39	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			30 (30) - 150 (173)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.8			30 (10) - 150 (173)	134%	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

Raw Data: **PO115017.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170484BSD	SDG No.:	Q3569
Lab Sample ID:	PB170484BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20		1	0.097	0.50	ug/L	11/11/25 17:58	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:58	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:58	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:58	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:58	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:58	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:58	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:58	PB170484
11096-82-5	Aroclor-1260	4.00		1	0.081	0.50	ug/L	11/11/25 17:58	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			30 (30) - 150 (173)	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.1			30 (10) - 150 (173)	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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3569
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

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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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3569
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

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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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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 :** 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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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 :** 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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 21:19 **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)	7.32	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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 21:19 **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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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 :** PO115025.D **Time Analyzed:** 21:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.487	5.387	5.587	519.320	500.000	3.9
Aroclor-1016-2	5.508	5.408	5.608	514.000	500.000	2.8
Aroclor-1016-3	5.569	5.470	5.670	533.200	500.000	6.6
Aroclor-1016-4	5.666	5.566	5.766	520.550	500.000	4.1
Aroclor-1016-5	5.958	5.858	6.058	507.710	500.000	1.5
Aroclor-1260-1	7.071	6.971	7.171	502.610	500.000	0.5
Aroclor-1260-2	7.324	7.225	7.425	537.250	500.000	7.5
Aroclor-1260-3	7.682	7.582	7.782	531.510	500.000	6.3
Aroclor-1260-4	7.904	7.803	8.003	517.550	500.000	3.5
Aroclor-1260-5	8.211	8.110	8.310	516.110	500.000	3.2
Decachlorobiphenyl	9.931	9.830	10.030	51.650	50.000	3.3
Tetrachloro-m-xylene	4.347	4.248	4.448	52.990	50.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3569

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 :** PO115025.D **Time Analyzed:** 21:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.628	4.828	505.020	500.000	1.0
Aroclor-1016-2	4.746	4.647	4.847	508.360	500.000	1.7
Aroclor-1016-3	4.920	4.821	5.021	517.080	500.000	3.4
Aroclor-1016-4	4.963	4.864	5.064	509.100	500.000	1.8
Aroclor-1016-5	5.175	5.076	5.276	523.950	500.000	4.8
Aroclor-1260-1	6.205	6.106	6.306	485.510	500.000	-2.9
Aroclor-1260-2	6.393	6.294	6.494	485.930	500.000	-2.8
Aroclor-1260-3	6.545	6.446	6.646	492.220	500.000	-1.6
Aroclor-1260-4	7.016	6.917	7.117	496.900	500.000	-0.6
Aroclor-1260-5	7.257	7.158	7.358	495.370	500.000	-0.9
Decachlorobiphenyl	8.641	8.541	8.741	53.840	50.000	7.7
Tetrachloro-m-xylene	3.648	3.548	3.748	51.310	50.000	2.6

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

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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	15:49	PO115010.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	9.93	4.35
PB170484BL	PB170484BL	11/11/2025	17:21	PO115015.D	9.93	4.35
PB170484BS	PB170484BS	11/11/2025	17:39	PO115016.D	9.93	4.35
PB170484BSD	PB170484BSD	11/11/2025	17:58	PO115017.D	9.93	4.35
MW-2	Q3569-01	11/11/2025	18:53	PO115020.D	9.93	4.35
MW-12	Q3569-02	11/11/2025	19:11	PO115021.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/11/2025	21:19	PO115025.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	23:09	PO115029.D	9.93	4.35

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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	15:49	PO115010.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	8.64	3.65
PB170484BL	PB170484BL	11/11/2025	17:21	PO115015.D	8.64	3.65
PB170484BS	PB170484BS	11/11/2025	17:39	PO115016.D	8.64	3.65
PB170484BSD	PB170484BSD	11/11/2025	17:58	PO115017.D	8.64	3.65
MW-2	Q3569-01	11/11/2025	18:53	PO115020.D	8.64	3.65
MW-12	Q3569-02	11/11/2025	19:11	PO115021.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/11/2025	21:19	PO115025.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	23:09	PO115029.D	8.64	3.65

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170484BS

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

Lab Sample ID: PB170484BS 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 PO115016.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.485	5.435	5.535	4.23		
	2	5.507	5.457	5.557	4.15		
	3	5.569	5.519	5.619	4.28		
COLUMN 1	4	5.664	5.614	5.714	4.14		
	5	5.956	5.906	6.006	3.93	4.10	
	1	4.726	4.676	4.776	3.97		
	2	4.745	4.695	4.795	3.98		
	3	4.919	4.869	4.969	3.99		
	4	4.962	4.912	5.012	3.97		
COLUMN 2	5	5.174	5.124	5.224	3.89	4.00	2.47
Aroclor-1260	1	7.07	7.02	7.12	4.12		
	2	7.324	7.274	7.374	4.52		
	3	7.682	7.632	7.732	3.66		
COLUMN 1	4	7.904	7.854	7.954	3.80		
	5	8.21	8.16	8.26	3.67	4.00	
	1	6.204	6.154	6.254	4.00		
	2	6.392	6.342	6.442	4.62		
	3	6.544	6.494	6.594	3.97		
	4	7.015	6.965	7.065	3.53		
COLUMN 2	5	7.256	7.206	7.306	3.57	3.90	2.53

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB170484BSD

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3569
Lab Sample ID: PB170484BSD
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 PO115017.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.487	5.437	5.537	4.30		
	2	5.509	5.459	5.559	4.27		
	3	5.57	5.52	5.62	4.38		
COLUMN 1	4	5.666	5.616	5.716	4.23		
	5	5.958	5.908	6.008	4.03	4.20	
	1	4.727	4.677	4.777	4.19		
	2	4.746	4.696	4.796	4.18		
	3	4.921	4.871	4.971	4.20		
	4	4.963	4.913	5.013	4.10		
COLUMN 2	5	5.175	5.125	5.225	4.07	4.10	2.41
Aroclor-1260	1	7.072	7.022	7.122	4.25		
	2	7.326	7.276	7.376	4.38		
	3	7.683	7.633	7.733	3.71		
COLUMN 1	4	7.905	7.855	7.955	3.88		
	5	8.212	8.162	8.262	3.73	4.00	
	1	6.205	6.155	6.255	4.15		
	2	6.393	6.343	6.443	4.14		
	3	6.546	6.496	6.596	4.11		
	4	7.016	6.966	7.066	3.67		
COLUMN 2	5	7.258	7.208	7.308	3.68	3.90	2.53

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:53
Operator : YP/AJ
Sample : Q3569-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:52 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...	4.347	3.649	171.5E6	107.9E6	24.370	24.166
2)	SA Decachlor...	9.932	8.640	71684476	67944131	16.217	17.405
	Target Compounds						

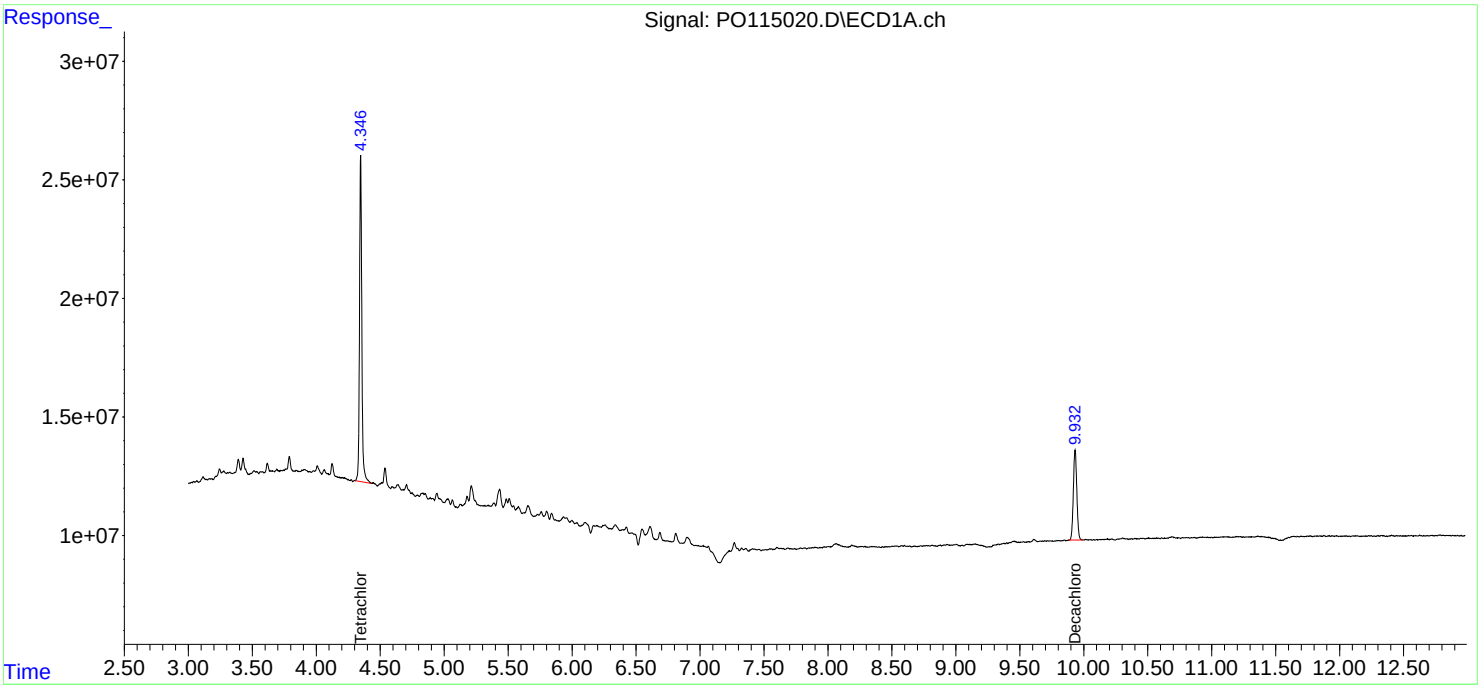
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

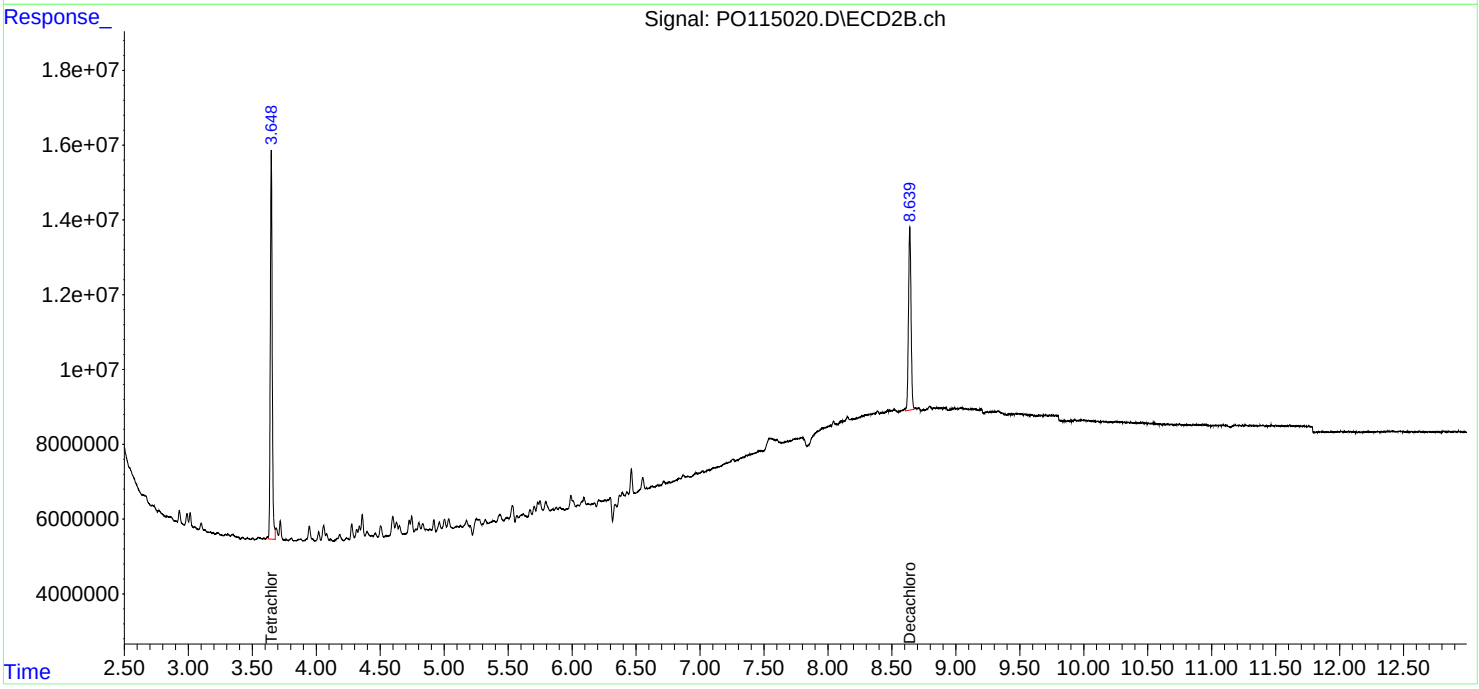
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:53
Operator : YP/AJ
Sample : Q3569-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

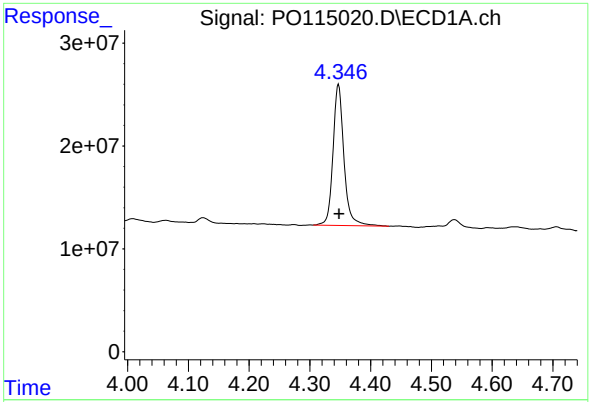
Instrument :
ECD_O
ClientSampleId :
MW-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:52 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



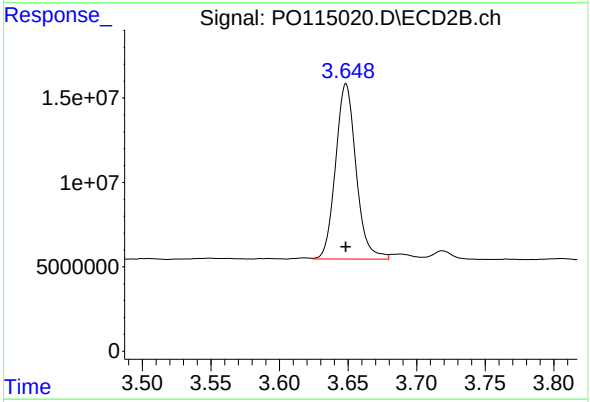




#1 Tetrachloro-m-xylene

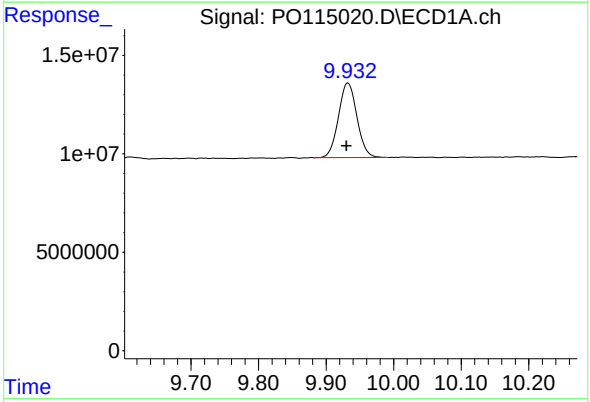
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 171515650
Conc: 24.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-2



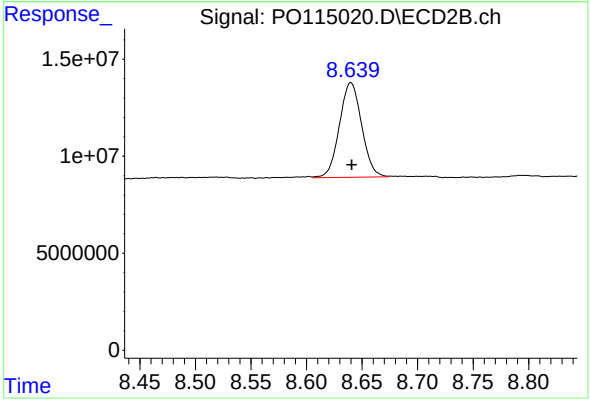
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 107944058
Conc: 24.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 71684476
Conc: 16.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 67944131
Conc: 17.40 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:11
Operator : YP/AJ
Sample : Q3569-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:06 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...	4.347	3.648	168.3E6	111.3E6	23.920	24.916
2)	SA Decachlor...	9.931	8.640	91258759	85788353	20.646	21.975
	Target Compounds						

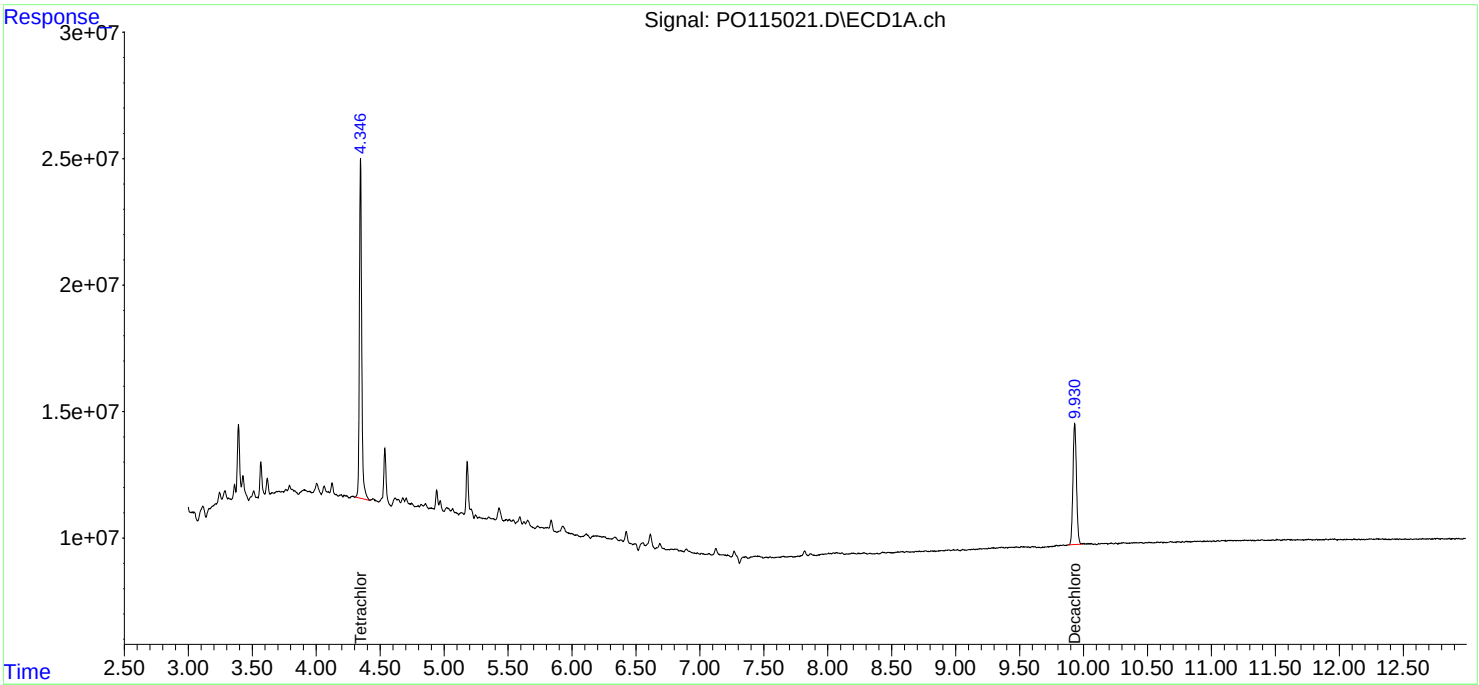
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

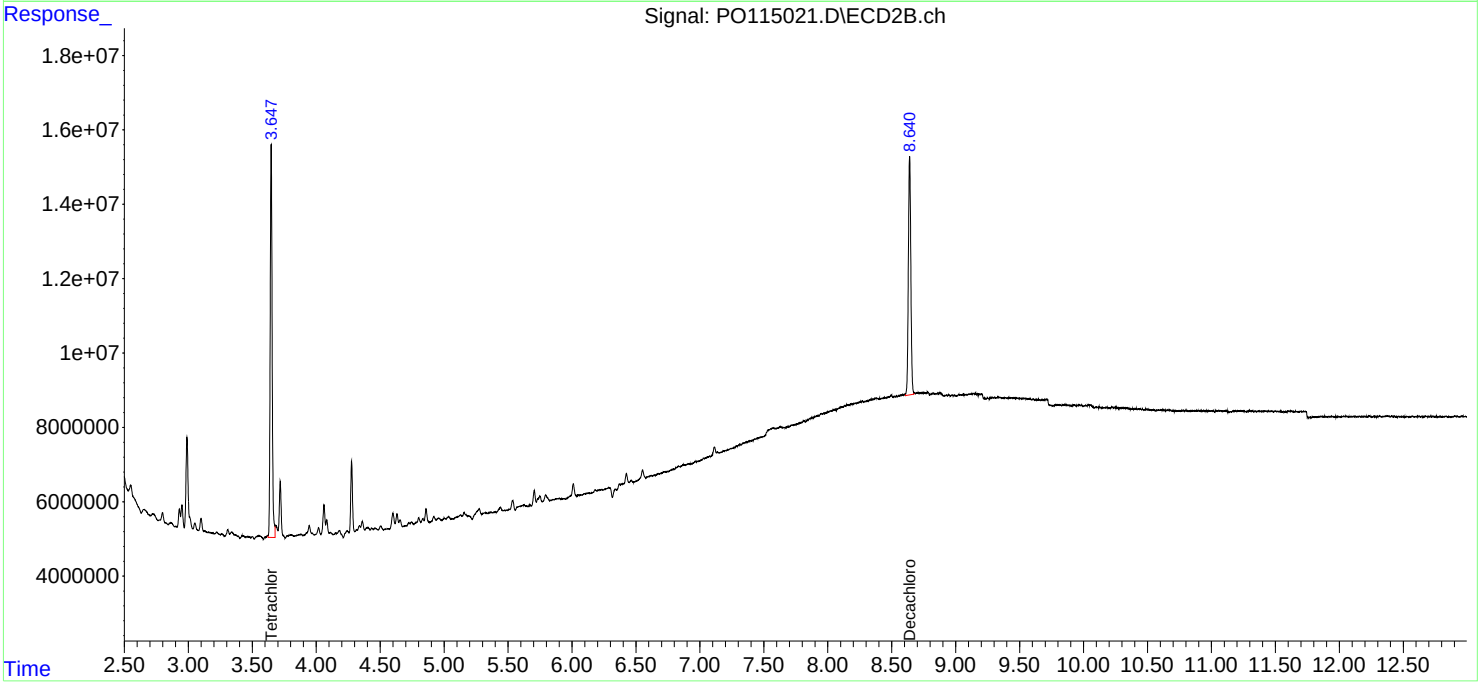
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:11
Operator : YP/AJ
Sample : Q3569-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

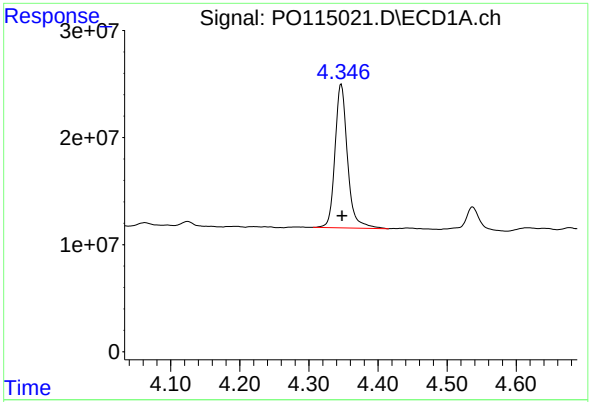
Instrument :
ECD_O
ClientSampleId :
MW-12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:06 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



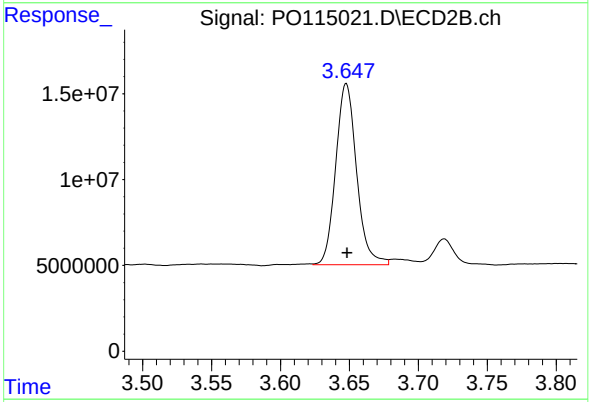




#1 Tetrachloro-m-xylene

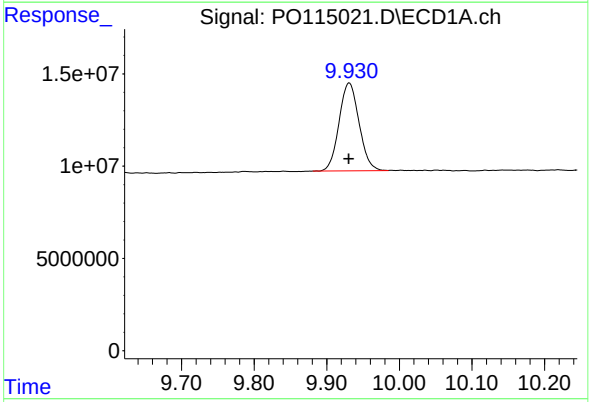
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 168348923
Conc: 23.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-12



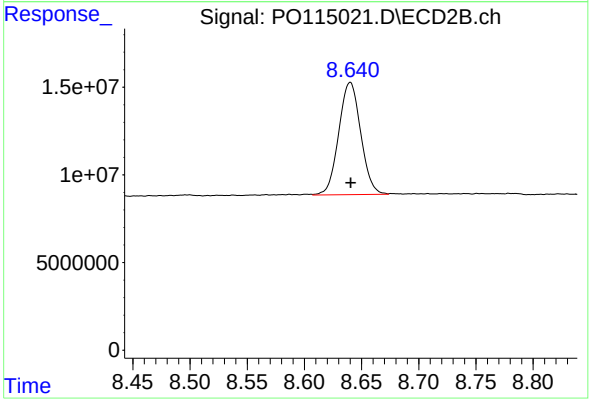
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 111292762
Conc: 24.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 91258759
Conc: 20.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 85788353
Conc: 21.98 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:21
Operator : YP/AJ
Sample : PB170484BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:32 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...	4.347	3.648	164.3E6	105.1E6	23.343	23.533
2)	SA Decachlor...	9.933	8.641	103.2E6	99639319	23.342	25.524
	Target Compounds						

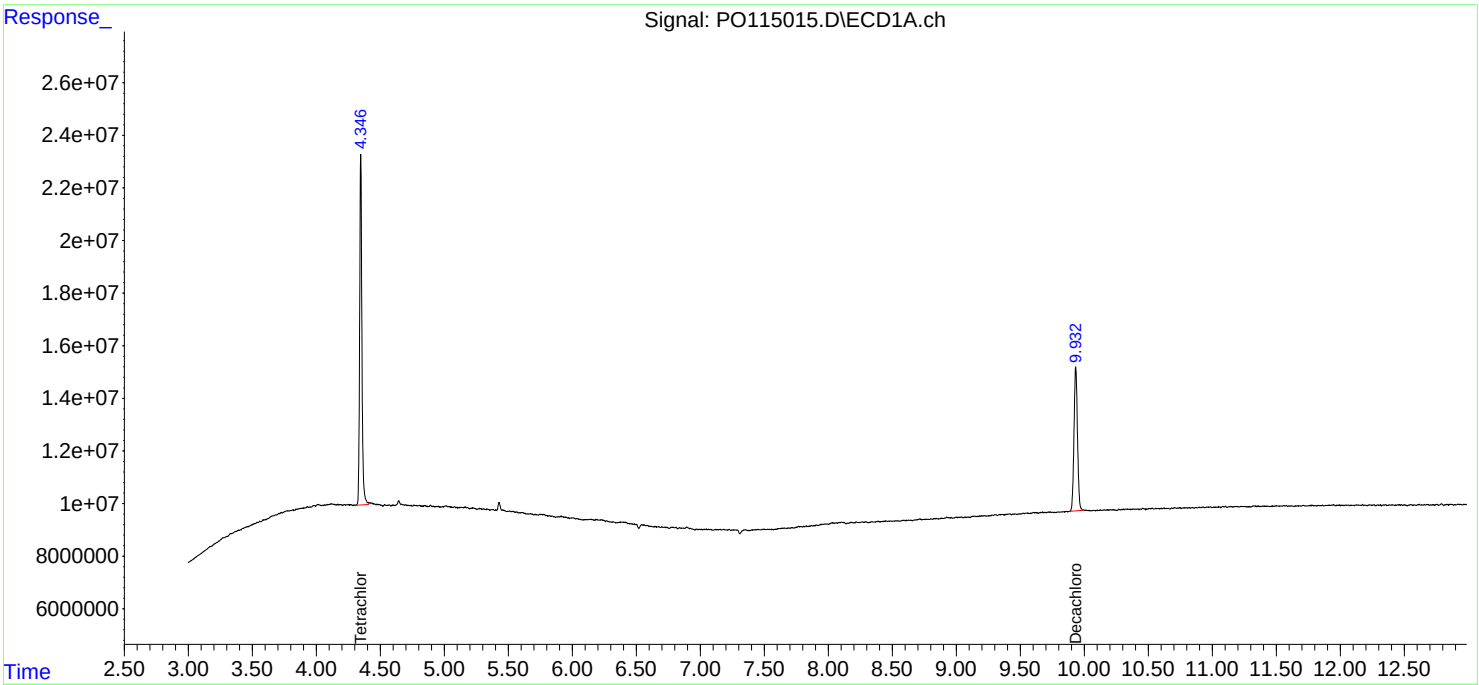
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

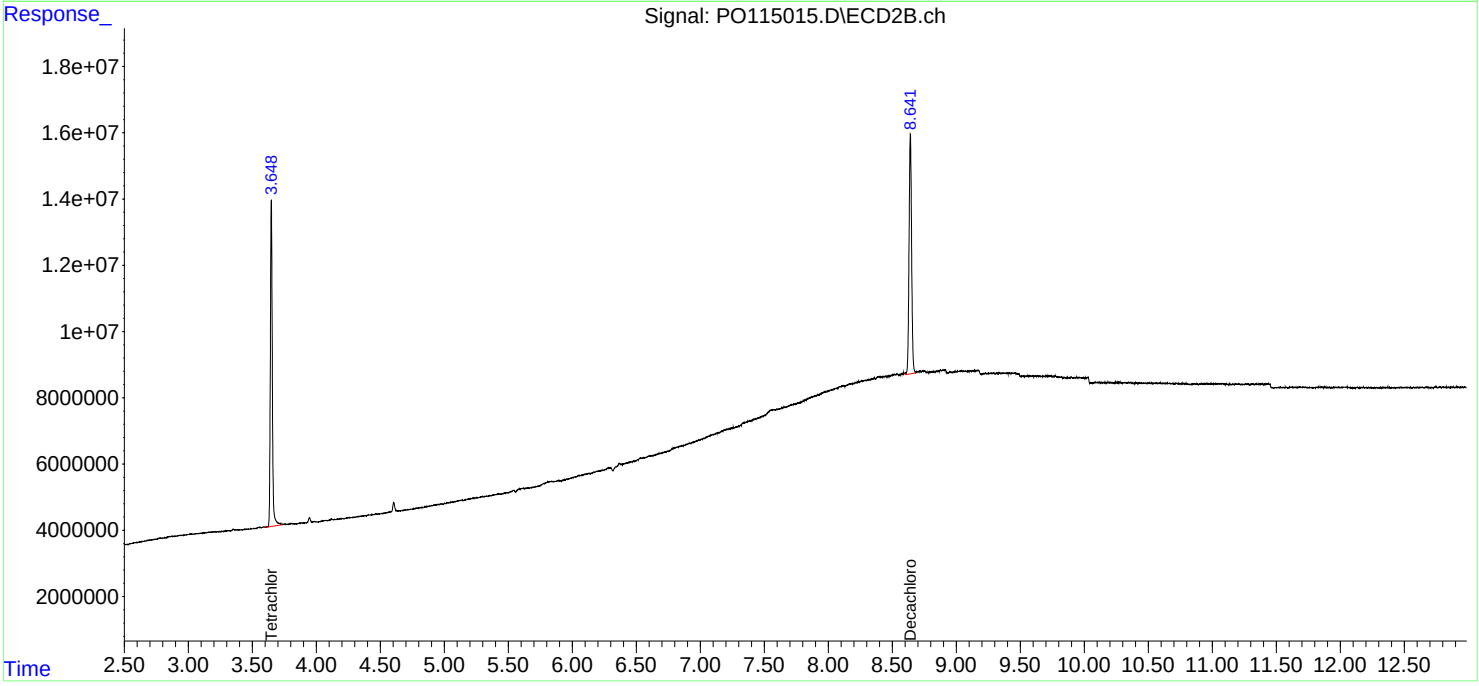
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:21
Operator : YP/AJ
Sample : PB170484BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

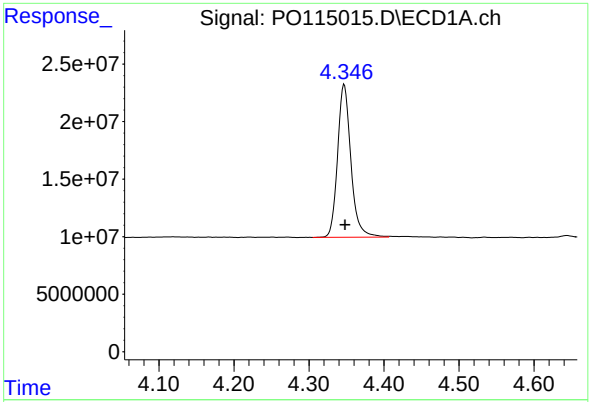
Instrument :
ECD_O
ClientSampleId :
PB170484BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:32 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



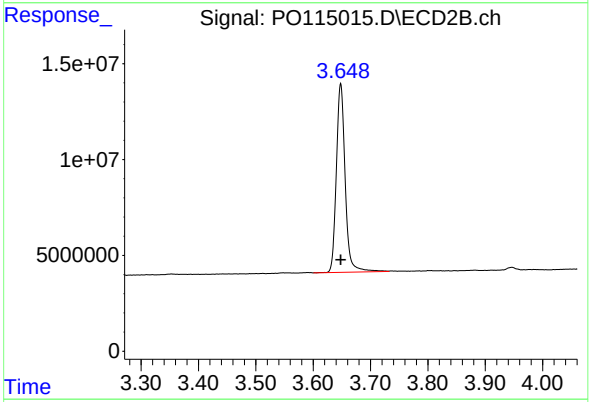




#1 Tetrachloro-m-xylene

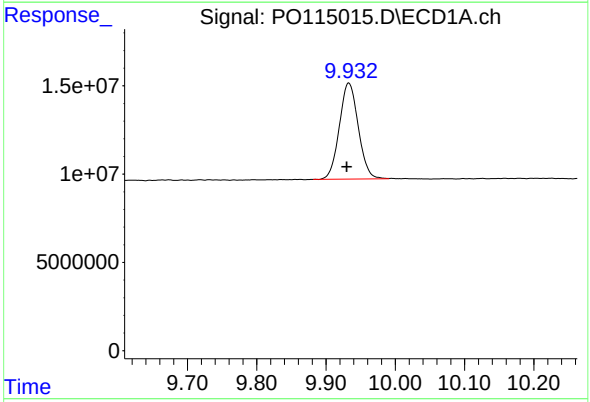
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 164293175
Conc: 23.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170484BL



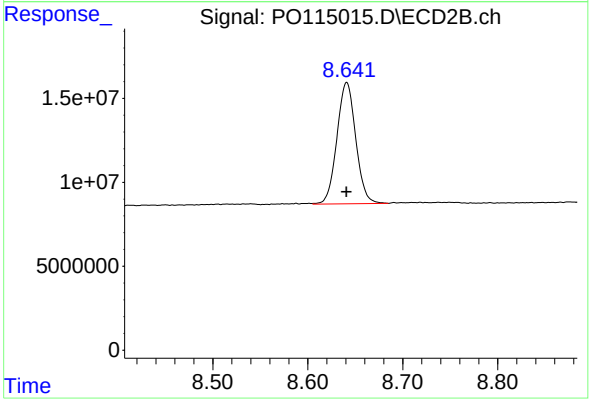
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 105115878
Conc: 23.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.003 min
Response: 103179122
Conc: 23.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 99639319
Conc: 25.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:39
Operator : YP/AJ
Sample : PB170484BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:51 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...	4.346	3.647	172.6E6	100.6E6	24.527	22.512
2)	SA Decachlor...	9.931	8.640	108.3E6	104.5E6	24.491	26.765
	Target Compounds						
3)	L1 AR-1016-1	5.485	4.726	104.1E6	75594978	423.203	397.334
4)	L1 AR-1016-2	5.507	4.745	164.6E6	107.8E6	414.586	397.960
5)	L1 AR-1016-3	5.569	4.919	95380311	59071360	427.713	399.203
6)	L1 AR-1016-4	5.664	4.962	78137126	46620044	413.697	397.044
7)	L1 AR-1016-5	5.956	5.174	70044782	59362677	393.075	388.719
31)	L7 AR-1260-1	7.070	6.204	125.8E6	118.4E6	411.722	400.002
32)	L7 AR-1260-2	7.324	6.392	179.0E6	198.6E6	452.139	461.879
33)	L7 AR-1260-3	7.682	6.544	121.6E6	139.2E6	366.316	396.517
34)	L7 AR-1260-4	7.904	7.015	115.8E6	107.0E6	379.730	353.115
35)	L7 AR-1260-5	8.210	7.256	261.8E6	293.0E6	367.111	356.623

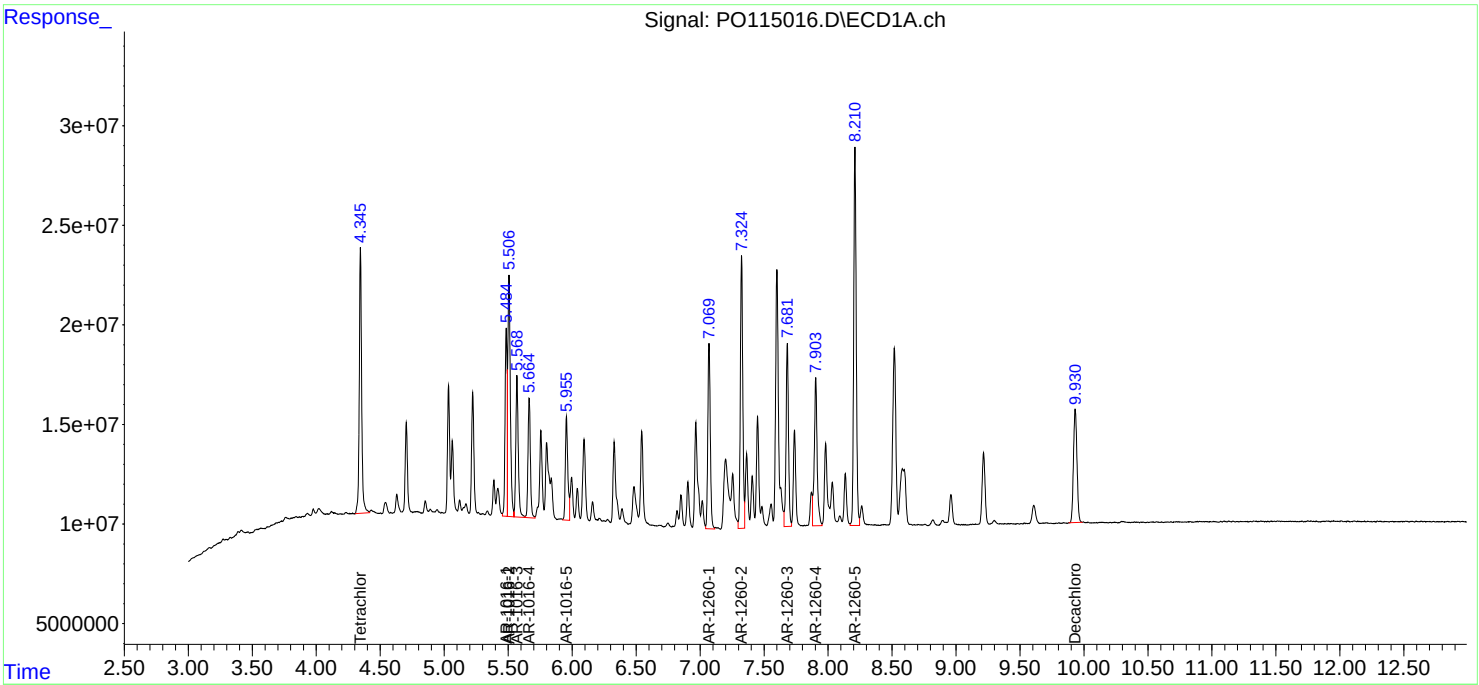
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

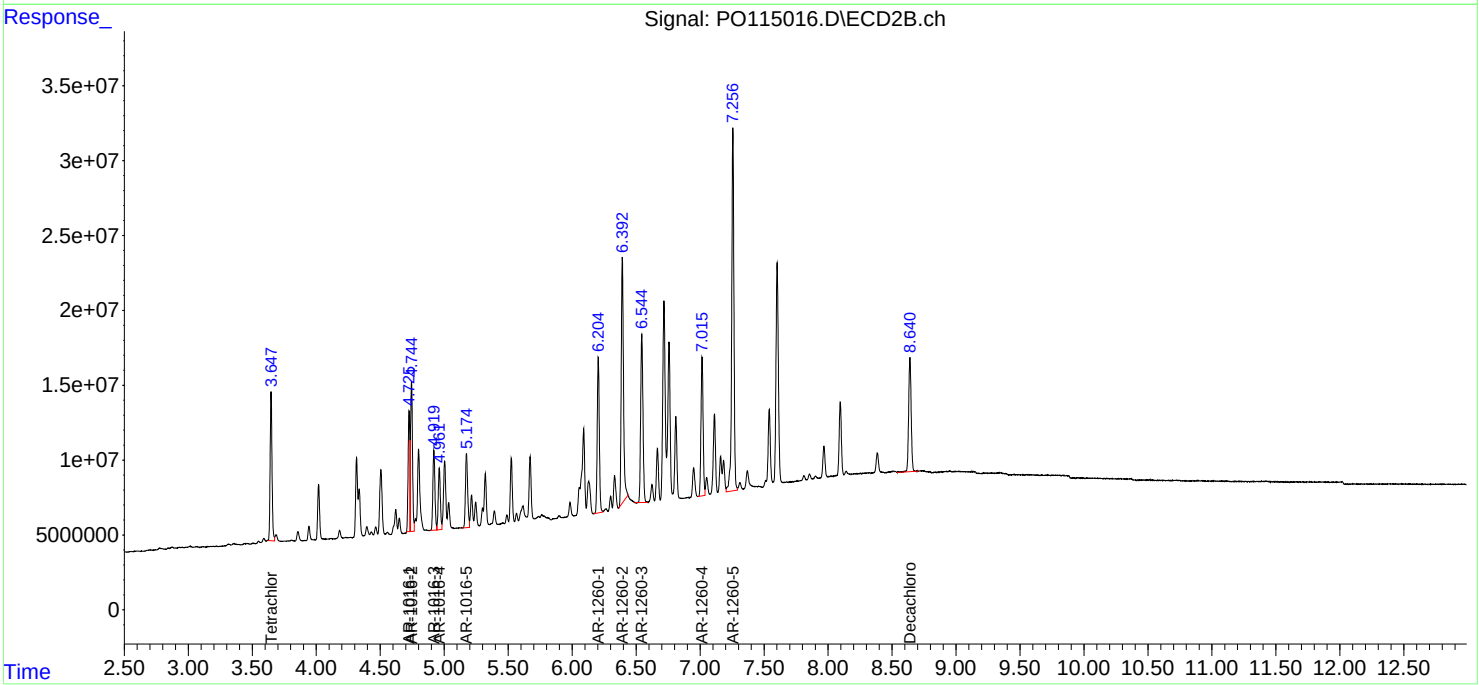
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:39
Operator : YP/AJ
Sample : PB170484BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:51 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 : PO115017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:58
Operator : YP/AJ
Sample : PB170484BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:07 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...	4.347	3.648	171.0E6	102.0E6	24.296	22.837
2)	SA Decachlor...	9.932	8.641	108.1E6	101.8E6	24.449	26.066
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.727	105.9E6	79668320	430.453	418.744
4)	L1 AR-1016-2	5.509	4.746	169.4E6	113.3E6	426.675	418.383
5)	L1 AR-1016-3	5.570	4.921	97712404	62161769	438.170	420.088
6)	L1 AR-1016-4	5.666	4.963	79955812	48131335	423.326	409.915
7)	L1 AR-1016-5	5.958	5.175	71736127	62149622	402.566	406.969
31)	L7 AR-1260-1	7.072	6.205	130.0E6	122.9E6	425.310	415.142
32)	L7 AR-1260-2	7.326	6.393	173.5E6	178.0E6	438.265	413.811
33)	L7 AR-1260-3	7.683	6.546	123.2E6	144.3E6	371.329	410.798
34)	L7 AR-1260-4	7.905	7.016	118.3E6	111.1E6	387.928	366.753
35)	L7 AR-1260-5	8.212	7.258	266.0E6	302.5E6	372.898	368.230

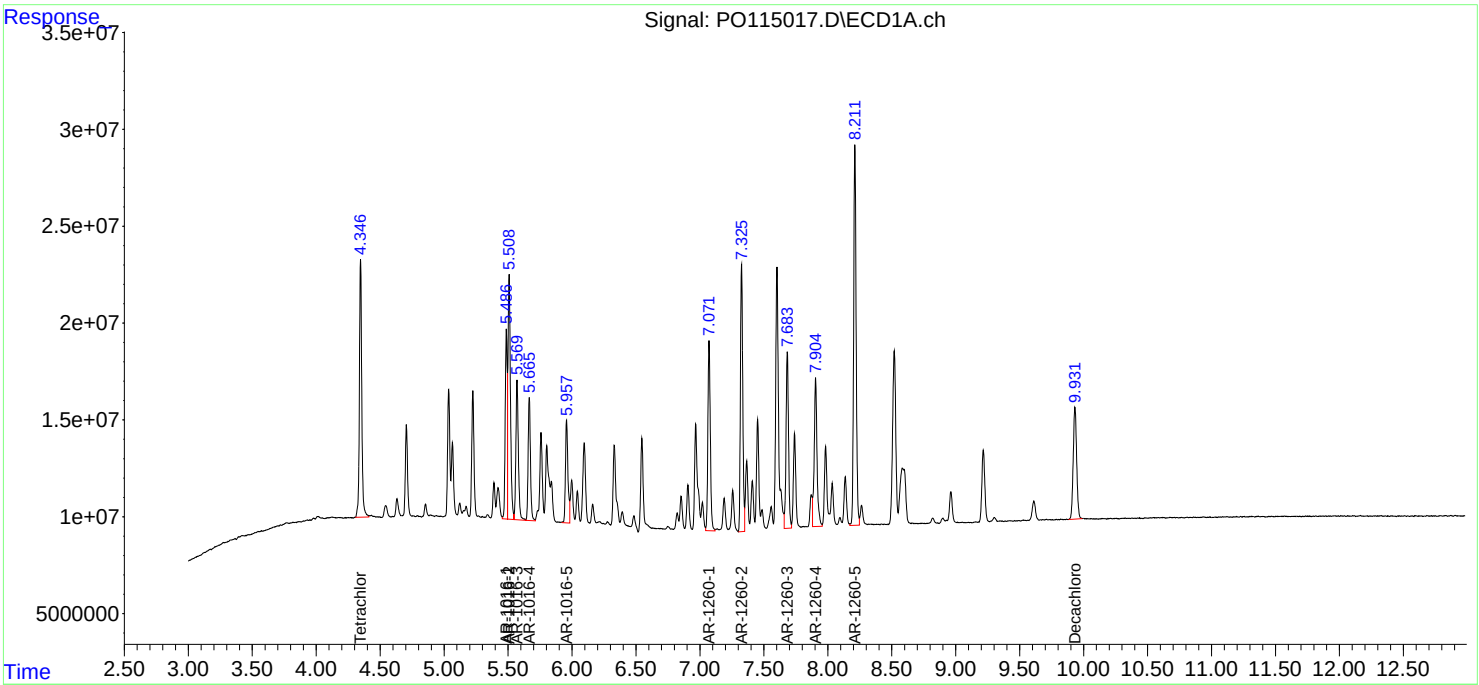
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

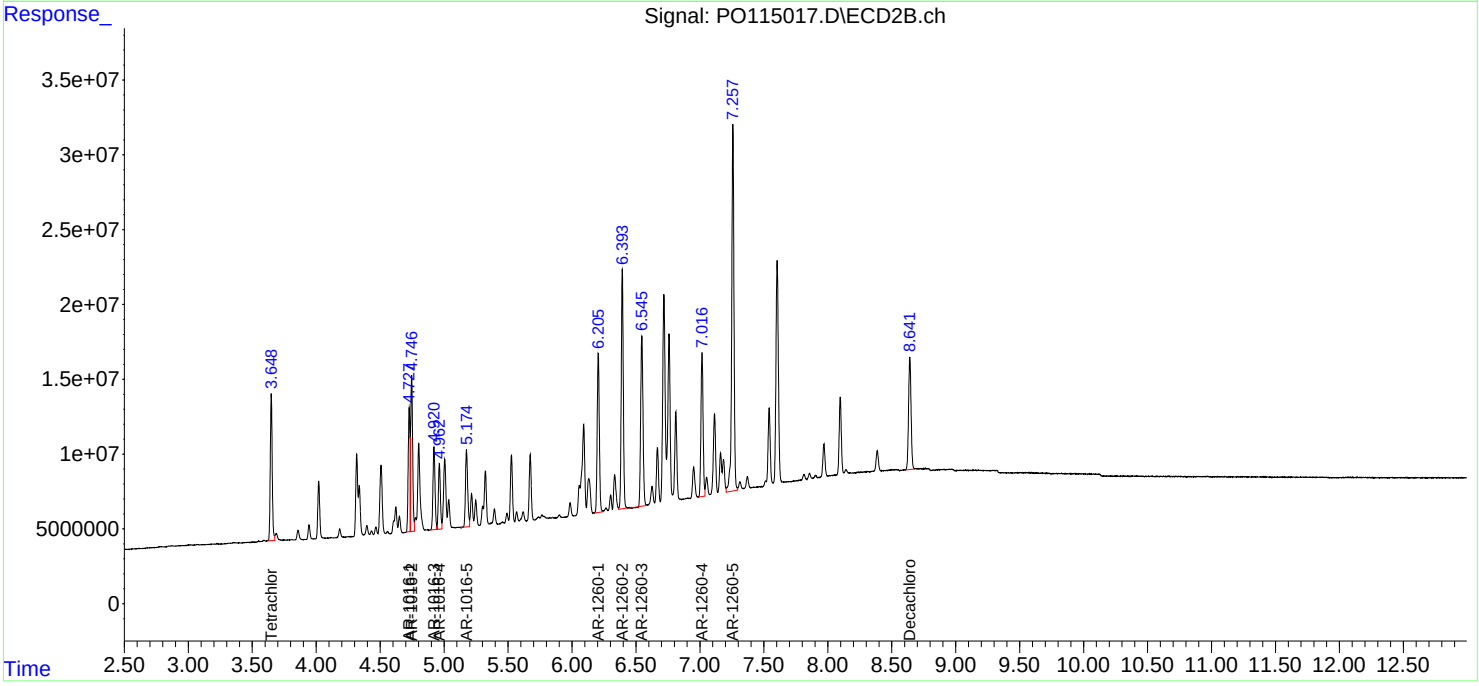
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:58
Operator : YP/AJ
Sample : PB170484BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:07 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





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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

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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

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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

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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

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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

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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	PP102125

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

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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	PP102125

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

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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

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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	PP102125

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

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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	PP102125

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

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EXTRACTION LOGPAGE

PB170484

SOP ID:	M3510C,3580A-Extraction PCB-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	11/11/2025
Matrix :	Water			**Extraction Start Time :**	09:19
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/11/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**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
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
H2SO4 1:1	N/A	EP2657
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:

40ML Vial Lot# 03-40BTS721. Q3569 all samples and Q3584-04 & 05 split the volume Q3595-01 used Limited volume as sample is oily.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext-lab)	Y.P.P 11/11/25
13:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170484

Analytical Method: M3510C,3580A-Extraction PCB-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				
PB170484BL	ABLK484	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB170484BS	ALCS484	PCB	1000	6	RUPESH	ritesh	10			2
PB170484BSD	ALCSD484	PCB	1000	6	RUPESH	ritesh	10			3
Q3551-01	MANHOLE	PCB	930	6	RUPESH	ritesh	10	K		4
Q3561-01	1027-A-D	PCB	970	6	RUPESH	ritesh	10	C		5
Q3569-01	MW-2	PCB	485	6	RUPESH	ritesh	5	L		6
Q3569-02	MW-12	PCB	475	6	RUPESH	ritesh	5	L		7
Q3584-01	SW-1	PCB	1000	6	RUPESH	ritesh	10	L		8
Q3584-02	SW-2	PCB	1000	6	RUPESH	ritesh	10	L		9
Q3584-03	SW-3	PCB	990	6	RUPESH	ritesh	10	L		10
Q3584-04	EB-2	PCB	480	6	RUPESH	ritesh	5	F		11
Q3584-05	FB-2	PCB	490	6	RUPESH	ritesh	5	G		12
Q3584-07	SEEP-1	PCB	1000	6	RUPESH	ritesh	10	L		13
Q3595-01	LAW-25-0176	PCB	100	6	RUPESH	ritesh	10	C	Oily	14

RS
11/11

* **Extracts relinguished on the same date as received.**

170484
9:19

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3561 **WorkList ID :** 193039 **Department :** Extraction **Date :** 11-11-2025 08:37:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3551-01	MANHOLE	Water	PCB	Cool 4 deg C	SPEC01	D41	11/05/2025	8082A
Q3561-01	1027-A-D	Water	PCB	Cool 4 deg C	PSEG03	D41	11/06/2025	8082A
Q3569-01	MW-2	Water	PCB	Cool 4 deg C	REMI02	J22	11/05/2025	8082A
Q3569-02	MW-12	Water	PCB	Cool 4 deg C	REMI02	J22	11/05/2025	8082A
Q3584-01	SW-1	Water	PCB	Cool 4 deg C	REMI02	D41	11/06/2025	8082A
Q3584-02	SW-2	Water	PCB	Cool 4 deg C	REMI02		11/07/2025	8082A
Q3584-03	SW-3	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3584-04	EB-2	Water	PCB	Cool 4 deg C	REMI02	D41	11/06/2025	8082A
Q3584-05	FB-2	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3584-07	SEEP-1	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3595-01	LAW-25-0176	Water	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A

Date/Time 11/11/25 9:15
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 10:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**WATER**			**11/05/25**			**11/06/25**
			PCB	8082A		11/11/25	11/11/25	
Q3569-02	**MW-12**	**WATER**			**11/05/25**			**11/06/25**
			PCB	8082A		11/11/25	11/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3569 **Order ID:** Q3569

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-2								
Q3569-01	MW-2	Water	Aluminum	373		5.67	50.0	ug/L
Q3569-01	MW-2	Water	Barium	396		7.28	50.0	ug/L
Q3569-01	MW-2	Water	Calcium	137000		117	1000	ug/L
Q3569-01	MW-2	Water	Chromium	1.78	J	1.06	5.00	ug/L
Q3569-01	MW-2	Water	Cobalt	5.25	J	1.13	15.0	ug/L
Q3569-01	MW-2	Water	Copper	6.79	J	2.30	10.0	ug/L
Q3569-01	MW-2	Water	Iron	9490		11.7	50.0	ug/L
Q3569-01	MW-2	Water	Lead	6.62		1.15	6.00	ug/L
Q3569-01	MW-2	Water	Magnesium	40600		122	1000	ug/L
Q3569-01	MW-2	Water	Manganese	131		2.97	10.0	ug/L
Q3569-01	MW-2	Water	Nickel	46.9		1.53	20.0	ug/L
Q3569-01	MW-2	Water	Potassium	33500		459	1000	ug/L
Q3569-01	MW-2	Water	Silver	0.98	J	0.81	5.00	ug/L
Q3569-01	MW-2	Water	Sodium	226000		434	1000	ug/L
Q3569-01	MW-2	Water	Thallium	2.85	J	2.19	20.0	ug/L
Q3569-01	MW-2	Water	Zinc	244		8.33	20.0	ug/L
Client ID : MW-12								
Q3569-02	MW-12	Water	Aluminum	847		5.67	50.0	ug/L
Q3569-02	MW-12	Water	Barium	295		7.28	50.0	ug/L
Q3569-02	MW-12	Water	Beryllium	0.40	J	0.28	3.00	ug/L
Q3569-02	MW-12	Water	Calcium	106000		117	1000	ug/L
Q3569-02	MW-12	Water	Cobalt	2.74	J	1.13	15.0	ug/L
Q3569-02	MW-12	Water	Copper	9.11	J	2.30	10.0	ug/L
Q3569-02	MW-12	Water	Iron	33600		11.7	50.0	ug/L
Q3569-02	MW-12	Water	Lead	5.45	J	1.15	6.00	ug/L
Q3569-02	MW-12	Water	Magnesium	38000		122	1000	ug/L
Q3569-02	MW-12	Water	Manganese	215		2.97	10.0	ug/L
Q3569-02	MW-12	Water	Nickel	25.2		1.53	20.0	ug/L
Q3569-02	MW-12	Water	Potassium	42800		459	1000	ug/L
Q3569-02	MW-12	Water	Silver	3.79	J	0.81	5.00	ug/L
Q3569-02	MW-12	Water	Sodium	167000		434	1000	ug/L
Q3569-02	MW-12	Water	Zinc	38.7		8.33	20.0	ug/L

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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	373		1	5.67	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-39-3	Barium	396		1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-70-2	Calcium	137000		1	117	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-47-3	Chromium	1.78	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-48-4	Cobalt	5.25	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-50-8	Copper	6.79	J	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-89-6	Iron	9490	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-92-1	Lead	6.62		1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-95-4	Magnesium	40600		1	122	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-96-5	Manganese	131		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 14:52	7470A	M7470A
7440-02-0	Nickel	46.9		1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-09-7	Potassium	33500		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-22-4	Silver	0.98	J	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-23-5	Sodium	226000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-28-0	Thallium	2.85	J	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-66-6	Zinc	244		1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A

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
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	847		1	5.67	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-39-3	Barium	295		1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-41-7	Beryllium	0.40	J	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-70-2	Calcium	106000		1	117	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-47-3	Chromium	1.06	UN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-48-4	Cobalt	2.74	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-50-8	Copper	9.11	J	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-89-6	Iron	33600	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-92-1	Lead	5.45	J	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-95-4	Magnesium	38000		1	122	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-96-5	Manganese	215		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 14:55	7470A	M7470A
7440-02-0	Nickel	25.2		1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-09-7	Potassium	42800		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-22-4	Silver	3.79	J	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-23-5	Sodium	167000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-66-6	Zinc	38.7		1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB108	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:32	LB137835

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:36	LB137835
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	15:04	LB137835
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	08:38	LB137835

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals
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PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170468BL		**WATER**		**Batch Number:**	**PB170468**		**Prep Date:**	**11/10/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/10/2025	14:45	LB137835

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170434BL		**WATER**		**Batch Number:**	**PB170434**		**Prep Date:**	**11/07/2025**	
	Aluminum	5.67	<25	U	50.0	P	11/10/2025	15:22	LB137841
	Antimony	3.38	<12.5	U	25.0	P	11/10/2025	15:22	LB137841
	Arsenic	2.56	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Barium	7.28	<25	U	50.0	P	11/10/2025	15:22	LB137841
	Beryllium	0.28	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Cadmium	0.25	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Calcium	117	<500	U	1000	P	11/10/2025	15:22	LB137841
	Chromium	1.06	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Cobalt	1.13	<7.5	U	15.0	P	11/10/2025	15:22	LB137841
	Copper	2.30	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Iron	12.2	<25	J	50.0	P	11/10/2025	15:22	LB137841
	Lead	1.15	<3	U	6.00	P	11/10/2025	15:22	LB137841
	Magnesium	122	<500	U	1000	P	11/10/2025	15:22	LB137841
	Manganese	2.97	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Nickel	1.53	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Potassium	459	<500	U	1000	P	11/10/2025	15:22	LB137841
	Selenium	4.82	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Silver	0.81	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Sodium	434	<500	U	1000	P	11/10/2025	15:22	LB137841
	Thallium	2.19	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Vanadium	3.13	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Zinc	8.33	<10	U	20.0	P	11/10/2025	15:22	LB137841

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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
ICV108	Mercury	3.86	4.0	96	90 - 110	CV	11/10/2025	14:29	LB137835

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3569
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
CCV53	Mercury	4.97	5.0	99	90 - 110	CV	11/10/2025	14:34	LB137835
CCV54	Mercury	4.77	5.0	95	90 - 110	CV	11/10/2025	15:01	LB137835
CCV55	Mercury	5.05	5.0	101	90 - 110	CV	11/11/2025	08:36	LB137835

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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	0.17	0.2	86	70 - 130	CV	11/10/2025	14:39	LB137835

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3566-01 **client id:** WATER-TREATMENT DISCHARGEMS

Percent Solids for Sample: NA **Spiked ID:** Q3566-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4990		3850		1000	113		P
Antimony	ug/L	75 - 125	405		25.0	U	400	101		P
Arsenic	ug/L	75 - 125	420		10.0	U	400	105		P
Barium	ug/L	75 - 125	108		50.0	U	100	108		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Calcium	ug/L	75 - 125	13600		12700		500	184		P
Chromium	ug/L	75 - 125	377		160		200	109		P
Cobalt	ug/L	75 - 125	110		15.0	U	100	110		P
Copper	ug/L	75 - 125	159		6.36	J	150	101		P
Iron	ug/L	75 - 125	1730		55.0		1500	112		P
Lead	ug/L	75 - 125	509		6.00	U	500	102		P
Magnesium	ug/L	75 - 125	4290		3240		1000	105		P
Manganese	ug/L	75 - 125	112		9.92	J	100	102		P
Nickel	ug/L	75 - 125	277		6.37	J	250	108		P
Potassium	ug/L	75 - 125	146000		135000		5000	207		P
Selenium	ug/L	75 - 125	1020		10.0	U	1000	102		P
Silver	ug/L	75 - 125	35.6		5.00	U	37.5	95		P
Sodium	ug/L	75 - 125	732000		703000		1500	1921		P
Thallium	ug/L	75 - 125	930		20.0	U	1000	93		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	160		49.7		100	111		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3566-01 **client id:** WATER-TREATMENT DISCHARGEMSD

Percent Solids for Sample: NA **Spiked ID:** Q3566-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4680		3850		1000	83		P
Antimony	ug/L	75 - 125	363		25.0	U	400	91		P
Arsenic	ug/L	75 - 125	410		10.0	U	400	102		P
Barium	ug/L	75 - 125	103		50.0	U	100	103		P
Beryllium	ug/L	75 - 125	96.7		3.00	U	100	97		P
Cadmium	ug/L	75 - 125	104		3.00	U	100	104		P
Calcium	ug/L	75 - 125	12800		12700		500	16		P
Chromium	ug/L	75 - 125	422		160		200	131	N	P
Cobalt	ug/L	75 - 125	105		15.0	U	100	105		P
Copper	ug/L	75 - 125	154		6.36	J	150	99		P
Iron	ug/L	75 - 125	1950		55.0		1500	126	N	P
Lead	ug/L	75 - 125	495		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	4080		3240		1000	84		P
Manganese	ug/L	75 - 125	108		9.92	J	100	98		P
Nickel	ug/L	75 - 125	273		6.37	J	250	107		P
Potassium	ug/L	75 - 125	138000		135000		5000	59		P
Selenium	ug/L	75 - 125	992		10.0	U	1000	99		P
Silver	ug/L	75 - 125	35.4		5.00	U	37.5	94		P
Sodium	ug/L	75 - 125	684000		703000		1500	-1302		P
Thallium	ug/L	75 - 125	856		20.0	U	1000	86		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	155		49.7		100	105		P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-01 **client id:** SW-1MS

Percent Solids for Sample: NA **Spiked ID:** Q3584-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.59		0.20	U	4.0	90		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-01 **client id:** SW-1MSD

Percent Solids for Sample: NA **Spiked ID:** Q3584-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.26		0.20	U	4.0	82	N	CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** WATER-TREATMENT DISCHARGEA

Sample ID: Q3566-01 **Spiked ID:** Q3566-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	360		160		200	100		P
Iron	ug/L	75 - 125	1680		55.0		1500	108		P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** SW-1A

Sample ID: Q3584-01 **Spiked ID:** Q3584-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.72		0.20	U	4.00	118		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3566-01 **Client ID:** WATER-TREATMENT DISCHARGEDU

Percent Solids for Sample: NA **Duplicate ID** Q3566-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	3850		3780		2		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	12700		12300		3		P
Chromium	ug/L	20	160		156		3		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	6.36	J	5.81	J	9		P
Iron	ug/L	20	55.0		53.3		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	3240		3100		4		P
Manganese	ug/L	20	9.92	J	9.34	J	6		P
Nickel	ug/L	20	6.37	J	5.95	J	7		P
Potassium	ug/L	20	135000		134000		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	703000		692000		2		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	49.7		48.8		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3566-01MS **Client ID:** WATER-TREATMENT DISCHARGEMS

Percent Solids for Sample: NA **Duplicate ID** Q3566-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	4990		4680		6		P
Antimony	ug/L	20	405		363		11		P
Arsenic	ug/L	20	420		410		2		P
Barium	ug/L	20	108		103		5		P
Beryllium	ug/L	20	100		96.7		3		P
Cadmium	ug/L	20	108		104		4		P
Calcium	ug/L	20	13600		12800		6		P
Chromium	ug/L	20	377		422		11		P
Cobalt	ug/L	20	110		105		5		P
Copper	ug/L	20	159		154		3		P
Iron	ug/L	20	1730		1950		12		P
Lead	ug/L	20	509		495		3		P
Magnesium	ug/L	20	4290		4080		5		P
Manganese	ug/L	20	112		108		4		P
Nickel	ug/L	20	277		273		1		P
Potassium	ug/L	20	146000		138000		6		P
Selenium	ug/L	20	1020		992		3		P
Silver	ug/L	20	35.6		35.4		1		P
Sodium	ug/L	20	732000		684000		7		P
Thallium	ug/L	20	930		856		8		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	160		155		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-01 **Client ID:** SW-1DUP

Percent Solids for Sample: NA **Duplicate ID** Q3584-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-01MS **Client ID:** SW-1MSD

Percent Solids for Sample: NA **Duplicate ID** Q3584-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.59		3.26		10		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170434BS							
Aluminum	ug/L	1000	1020		102	80 - 120	P
Antimony	ug/L	400	413		103	80 - 120	P
Arsenic	ug/L	400	402		100	80 - 120	P
Barium	ug/L	100	99.8		100	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	98.7		99	80 - 120	P
Calcium	ug/L	500	566	J	113	80 - 120	P
Chromium	ug/L	200	210		105	80 - 120	P
Cobalt	ug/L	100	100		100	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Iron	ug/L	1500	1500		100	80 - 120	P
Lead	ug/L	500	484		97	80 - 120	P
Magnesium	ug/L	1000	1070		107	80 - 120	P
Manganese	ug/L	100	104		104	80 - 120	P
Nickel	ug/L	250	253		101	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	37.9		101	80 - 120	P
Sodium	ug/L	1500	1790		119	80 - 120	P
Thallium	ug/L	1000	1000		100	80 - 120	P
Vanadium	ug/L	150	154		103	80 - 120	P
Zinc	ug/L	100	107		107	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170468BS							
Mercury	ug/L	4.0	3.68		92	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT DISCHARGEL

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3566-01L **SDG No.:** Q3569

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	3850		3890		1		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	12700		12800		1		P
Chromium	160		155		3		P
Cobalt	15.0	U	75.0	U			P
Copper	6.36	J	50.0	U	100.0		P
Iron	55.0		250	U	100.0		P
Lead	6.00	U	30.0	U			P
Magnesium	3240		3150	J	3		P
Manganese	9.92	J	50.0	U	100.0		P
Nickel	6.37	J	100	U	100.0		P
Potassium	135000		125000		8		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	703000		693000		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.7		49.7	J	0		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SW-1L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137835 **Lab Sample ID :** Q3584-01L **SDG No.:** Q3569

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.20	U	1.00	U			CV

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3569

Instrument id number: **Method:** **Run number:** LB137835

Start date: 11/10/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1408	HG
S0.2	S0.2	1	1411	HG
S2.5	S2.5	1	1413	HG
S5	S5	1	1415	HG
S7.5	S7.5	1	1417	HG
S10	S10	1	1427	HG
ICV108	ICV108	1	1429	HG
ICB108	ICB108	1	1432	HG
CCV53	CCV53	1	1434	HG
CCB53	CCB53	1	1436	HG
CRA	CRA	1	1439	HG
PB170468BL	PB170468BL	1	1445	HG
PB170468BS	PB170468BS	1	1448	HG
Q3569-01	MW-2	1	1452	HG
Q3569-02	MW-12	1	1455	HG
CCV54	CCV54	1	1501	HG
CCB54	CCB54	1	1504	HG
Q3584-01DUP	SW-1DUP	1	1506	HG
Q3584-01MS	SW-1MS	1	1508	HG
Q3584-01MSD	SW-1MSD	1	1510	HG
Q3584-01L	SW-1L	5	0759	HG
Q3584-01A	SW-1A	1	0822	HG
CCV55	CCV55	1	0836	HG
CCB55	CCB55	1	0838	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3569

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
PB170434BL	PB170434BL	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170434BS	PB170434BS	1	1527	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
Q3566-01DUP	WATER-TREATMENT DISCHA	1	1626	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01L	WATER-TREATMENT DISCHA	5	1630	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
Q3566-01MS	WATER-TREATMENT DISCHA	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01MSD	WATER-TREATMENT DISCHA	1	1647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01A	WATER-TREATMENT DISCHA	1	1651	Cr,Fe
Q3569-01	MW-2	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3569-02	MW-12	1	1659	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
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
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

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3569

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
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
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

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**Water**			**11/05/25**			**11/06/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/07/25	11/10/25	
Q3569-02	**MW-12**	**Water**			**11/05/25**			**11/06/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/07/25	11/10/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170434**						
PB170434BL	PB170434BL	MB	WATER	11/07/2025	50.0	25.0	
PB170434BS	PB170434BS	LCS	WATER	11/07/2025	50.0	25.0	
Q3566-01DUP	WATER-TREATMENT DISCHARGEDUP	DUP	WATER	11/07/2025	50.0	25.0	
Q3566-01MS	WATER-TREATMENT DISCHARGEMS	MS	WATER	11/07/2025	50.0	25.0	
Q3566-01MSD	WATER-TREATMENT DISCHARGEMSD	MSD	WATER	11/07/2025	50.0	25.0	
Q3569-01	MW-2	SAM	WATER	11/07/2025	50.0	25.0	
Q3569-02	MW-12	SAM	WATER	11/07/2025	50.0	25.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170468**						
PB170468BL	PB170468BL	MB	WATER	11/10/2025	30.0	30.0	
PB170468BS	PB170468BS	LCS	WATER	11/10/2025	30.0	30.0	
Q3569-01	MW-2	SAM	WATER	11/10/2025	30.0	30.0	
Q3569-02	MW-12	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-01DUP	SW-1DUP	DUP	WATER	11/10/2025	30.0	30.0	
Q3584-01MS	SW-1MS	MS	WATER	11/10/2025	30.0	30.0	
Q3584-01MSD	SW-1MSD	MSD	WATER	11/10/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137835

Review By	mohan	Review On	11/13/2025 10:36:43 AM
Supervise By	jaswal	Supervise On	11/13/2025 11:16:53 AM

STD. NAME	STD REF.#
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905
ICV Standard	MP87906
CCV Standard	MP87908
ICSA Standard	
CRI Standard	MP87910
LCS Standard	
Chk Standard	MP87907,MP87909,MP87911,MP87913

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 14:08		mohan	OK
2	S0.2	S0.2	CAL2	11/10/25 14:11		mohan	OK
3	S2.5	S2.5	CAL3	11/10/25 14:13		mohan	OK
4	S5	S5	CAL4	11/10/25 14:15		mohan	OK
5	S7.5	S7.5	CAL5	11/10/25 14:17		mohan	OK
6	S10	S10	CAL6	11/10/25 14:27		mohan	OK
7	ICV108	ICV108	ICV	11/10/25 14:29		mohan	OK
8	ICB108	ICB108	ICB	11/10/25 14:32		mohan	OK
9	CCV53	CCV53	CCV	11/10/25 14:34		mohan	OK
10	CCB53	CCB53	CCB	11/10/25 14:36		mohan	OK
11	CRA	CRA	CRDL	11/10/25 14:39		mohan	OK
12	HighStd	HighStd	HIGH STD	11/10/25 14:41		mohan	OK
13	ChkStd	ChkStd	SAM	11/10/25 14:43		mohan	OK
14	PB170468BL	PB170468BL	MB	11/10/25 14:45		mohan	OK
15	PB170468BS	PB170468BS	LCS	11/10/25 14:48		mohan	OK
16	Q3561-01	1027-A-D	SAM	11/10/25 14:50		mohan	OK
17	Q3569-01	MW-2	SAM	11/10/25 14:52		mohan	OK
18	Q3569-02	MW-12	SAM	11/10/25 14:55		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137835

Review By	mohan	Review On	11/13/2025 10:36:43 AM
Supervise By	jaswal	Supervise On	11/13/2025 11:16:53 AM

STD. NAME	STD REF.#
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905
ICV Standard	MP87906
CCV Standard	MP87908
ICSA Standard	
CRI Standard	MP87910
LCS Standard	
Chk Standard	MP87907,MP87909,MP87911,MP87913

19	Q3574-01	304641-01 Liquid	SAM	11/10/25 14:57		mohan	OK
20	Q3584-01	SW-1	SAM	11/10/25 14:59		mohan	OK
21	CCV54	CCV54	CCV	11/10/25 15:01		mohan	OK
22	CCB54	CCB54	CCB	11/10/25 15:04		mohan	OK
23	Q3584-01DUP	SW-1DUP	DUP	11/10/25 15:06		mohan	OK
24	Q3584-01MS	SW-1MS	MS	11/10/25 15:08		mohan	OK
25	Q3584-01MSD	SW-1MSD	MSD	11/10/25 15:10		mohan	OK
26	Q3584-02	SW-2	SAM	11/10/25 15:13		mohan	OK
27	Q3584-03	SW-3	SAM	11/10/25 15:15		mohan	OK
28	Q3584-05	FB-2	SAM	11/10/25 15:17		mohan	OK
29	Q3584-07	SEEP-1	SAM	11/10/25 15:20	Hg high, need dilution.	mohan	Dilution
30	Q3584-01L	SW-1L	SD	11/11/25 07:59		mohan	OK
31	Q3584-01A	SW-1A	PS	11/11/25 08:22		mohan	OK
32	CCV55	CCV55	CCV	11/11/25 08:36		mohan	OK
33	CCB55	CCB55	CCB	11/11/25 08:38		mohan	OK

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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

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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

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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

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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

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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

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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

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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

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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

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170434

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/07/2025 **Time :** 11:20 **Temp :** 96 °C

End Digest Date: 11/07/2025 **Time :** 14:25 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SJ

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	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	3.00	M6187
1:1 HCL	5.00	MP87148
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:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/07/25 ~~15:15~~ 15:15	SJ met dig	met dig
15:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170434

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170434BL	PBW434	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170434BS	LCS434	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3560-01	SY-10D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3560-02	SY-10D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3560-03	SY-10S	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3560-04	SY-10S	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3560-05	SY-10I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3560-06	SY-10I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3560-07	SY-12I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3560-08	SY-12I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3560-09	SY-12D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3560-10	SY-12D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3566-01	WATER-TREATMENT ~~DISCHARGE~~	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3566-01MS	WATER-TREATMENT ~~DISCHARGEMS~~	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3566-01MSD	WATER-TREATMENT ~~DISCHARGEMSD~~	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	17
Q3566-01DUP	WATER-TREATMENT ~~DISCHARGEDUP~~	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3569-01	MW-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3569-02	MW-12	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170468

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/10/2025 **Time :** 07:40 **Temp :** 95 °C

End Digest Date: 11/10/2025 **Time :** 09:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: [signature]

Supervisor Signature: [signature]

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87906
CCV	30mL	MP87908
CRA	30mL	MP87910
Blank Spike	0.48mL	MP87899
Matrix Spike	0.48mL	MP87899

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
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	MP87900
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30Ml	MP87901
2.5 ppb	S2.5	30Ml	MP87902
5.0 ppb	S5.0	30Ml	MP87903
7.5 ppb	S7.5	30mL	MP87904
10.0 ppb	S10.0	30mL	MP87905
ICV	ICV	30Ml	MP87906
ICB	ICB	30Ml	MP87907
CCV	CCV	30Ml	MP87908
CCB	CCB	30Ml	MP87909
CRI	CRI	30Ml	MP87910
CHK STD	CHK STD	30Ml	MP87911

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25 @ 10:57	BD - Dig. Lab	[illegible] - Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170468

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170468BL	PBW468	30	30	<2	N/A	3-1
PB170468BS	LCS468	30	30	<2	MP87899	2
Q3561-01	1027-A-D	30	30	<2	N/A	3
Q3569-01	MW-2	30	30	<2	N/A	4
Q3569-02	MW-12	30	30	<2	N/A	5
Q3574-01	304641-01 LIQUID	30	30	<2	N/A	6
Q3584-01	SW-1	30	30	<2	N/A	7
Q3584-01DUP	SW-1DUP	30	30	<2	N/A	8
Q3584-01MS	SW-1MS	30	30	<2	MP87899	9
Q3584-01MSD	SW-1MSD	30	30	<2	MP87899	10
Q3584-02	SW-2	30	30	<2	N/A	11
Q3584-03	SW-3	30	30	<2	N/A	12
Q3584-05	FB-2	30	30	<2	N/A	13
Q3584-07	SEEP-1	30	30	<2	N/A	14

A B C D E F G H I J

SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25 12:00
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.16	J	1	0.074	0.60	mg/L		11/07/25 10:26	300.0
Nitrate	13.8	OR	1	0.095	0.50	mg/L		11/07/25 10:26	300.0
Nitrate+Nitrite	13.4		1	0.55	3.10	mg/L		11/07/25 10:26	300.0
BOD5	50.0		1	0.20	2.00	mg/L		11/07/25 11:30	SM 5210 B-16
COD	94.7		1	1.50	10.0	mg/L		11/14/25 14:05	SM 5220 D-11
Cyanide	0.14	J	1	0.046	0.24	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 09:37	7196A
Oil and Grease	0.40	J	1	0.29	5.00	mg/L		11/13/25 10:00	1664A
pH	6.88	H	1	0	0	pH		11/10/25 13:44	9040C
TDS	1330		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	27.8	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °C

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25 12:00
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrate	13.2	D	5	0.48	2.50	mg/L		11/07/25 11:09	300.0
TKN	35.9	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 12:26	SM4500-N Org C-21 plus NH3 B plus G-21

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25 16:30
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.11	J	1	0.074	0.60	mg/L		11/07/25 10:48	300.0
Nitrate	1.80		1	0.095	0.50	mg/L		11/07/25 10:48	300.0
Nitrate+Nitrite	1.91		1	0.17	1.10	mg/L		11/07/25 10:48	300.0
BOD5	108		1	0.20	2.00	mg/L		11/07/25 11:30	SM 5210 B-16
COD	106		1	1.50	10.0	mg/L		11/14/25 14:06	SM 5220 D-11
Cyanide	0.047	U	1	0.047	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 09:39	7196A
Oil and Grease	0.50	J	1	0.29	5.00	mg/L		11/13/25 10:00	1664A
pH	6.49	H	1	0	0	pH		11/10/25 13:47	9040C
TDS	1070		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	30.9	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.7 °C

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25 16:30
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	71.0	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 13:42	SM4500-N Org C-21 plus NH3 B plus G-21

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

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.1	10	101	90-110	11/06/2025
Chloride	mg/L	3	3	100	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	11/06/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.2	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/06/2025
Sample ID: **CCV3**						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/06/2025
Sample ID: **CCV4**						
Bromide	mg/L	10.2	10	102	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	15.1	15	101	90-110	11/07/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5	5	100	90-110	11/07/2025
Sample ID: CCV5						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV6						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025

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Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**RunNo.:**	LB137821

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	11/07/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	11/07/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	11/07/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**RunNo.:**	LB137843

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
pH		pH	7.02	7	100	90-110	11/10/2025
Sample ID:	**CCV1**						
pH		pH	2.01	2.00	101	90-110	11/10/2025
Sample ID:	**CCV2**						
pH		pH	12.02	12.00	100	90-110	11/10/2025
Sample ID:	**CCV3**						
pH		pH	2.01	2.00	101	90-110	11/10/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137870

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV1						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV2						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV3						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV4						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV5						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV6						
TKN		mg/L	5.2	5	104	90-110	11/12/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137904

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
COD		mg/L	50.173	50	100	95-105	09/08/2025
Sample ID:	**CCV1**						
COD		mg/L	51.184	50	102	95-105	11/14/2025
Sample ID:	**CCV2**						
COD		mg/L	48.150	50	96	95-105	11/14/2025
Sample ID:	**CCV3**						
COD		mg/L	48.150	50	96	95-105	11/14/2025
Sample ID:	**CCV4**						
COD		mg/L	49.161	50	98	95-105	11/14/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/03/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB5							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB6							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137821

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	11/07/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

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

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **RunNo.:** LB137870

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB1							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB2							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB3							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB4							
TKN		mg/L	0.16	0.2500	J	0.11	0.5	11/12/2025
Sample ID:	CCB5							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB6							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

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Initial and Continuing Calibration Blank Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**RunNo.:**	LB137904

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	**ICB**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	09/08/2025
Sample ID:	**CCB1**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID:	**CCB2**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID:	**CCB3**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID:	**CCB4**							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025

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Preparation Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137803BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: LB137803BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: LB137821BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/07/2025
Sample ID: LB137845BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	11/10/2025
Sample ID: LB137873BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/07/2025
Sample ID: LB137877BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/13/2025
Sample ID: LB137904BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/14/2025
Sample ID: PB170442BL							
Cyanide	mg/L	< 0.1250	0.1250	U	0.048	0.25	11/10/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMS
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
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.40		0.11	U	2	1	120		11/06/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		11/06/2025
Nitrate	mg/L	80-120	2.50		0.18	J	2.5	1	93		11/06/2025
Sulfate	mg/L	80-120	40.4	OR	27.0		15	1	89		11/06/2025
Orthophosphate as P	mg/L	80-120	10.4		5.30		5	1	102		11/06/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMSD
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
Bromide	mg/L	80-120	10.3		0.37	U	10	1	103		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.60		0.11	U	2	1	130	*	11/06/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		11/06/2025
Nitrate	mg/L	80-120	2.70		0.18	J	2.5	1	101		11/06/2025
Sulfate	mg/L	80-120	41.5	OR	27.0		15	1	97		11/06/2025
Orthophosphate as P	mg/L	80-120	10.0		5.30		5	1	94		11/06/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MS
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
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MSD
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
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3569-01
Client ID: MW-2MS
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
Hexavalent Chromium	mg/L	90-111	0.94		0.0030	U	1.0	2	94		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3569-01
Client ID: MW-2MSD
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
Hexavalent Chromium	mg/L	90-111	0.94		0.0030	U	1.0	2	94		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MS
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
Oil and Grease	mg/L	78-114	115		94.2		20.0	1	102		11/13/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MSD
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
Oil and Grease	mg/L	78-114	113		94.2		20.0	1	95		11/13/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MS
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
COD	mg/L	75-125	68.4		23.9		50.0	1	89		11/14/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MSD
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
COD	mg/L	75-125	67.4		23.9		50.0	1	87		11/14/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMSD
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
Chloride	mg/L	+/-20	166	OR	166	OR	1	0		11/06/2025
Sulfate	mg/L	+/-20	40.4	OR	41.5	OR	1	3		11/06/2025
Orthophosphate as P	mg/L	+/-20	10.4		10.0		1	4		11/06/2025
Nitrite	mg/L	+/-20	2.90		3.10		1	7		11/06/2025
Bromide	mg/L	+/-20	9.50		10.3		1	8		11/06/2025
Fluoride	mg/L	+/-20	2.40		2.60		1	8		11/06/2025
Nitrate	mg/L	+/-20	2.50		2.70		1	8		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10DUP
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
TKN	mg/L	+/-20	2.90		2.70		1	7		11/12/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MSD
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
TKN	mg/L	+/-20	7.30		7.20		1	1		11/12/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
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

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3569-01
Client ID: MW-2DUP
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
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		11/07/2025
BOD5	mg/L	+/-20	50.0		49.2		1	1.73		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3569-01
Client ID: MW-2MSD
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
Hexavalent Chromium	mg/L	+/-20	0.94		0.94		2	0.43		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MSD
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
Oil and Grease	mg/L	+/-18	115		113		1	1.23		11/13/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3584-03
Client ID: SW-3DUP
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
TDS	mg/L	+/-5	12500		13000		1	3.22		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3595-01
Client ID: LAW-25-0176DUP
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
pH	pH	+/-20	7.13		7.15		1	0.28		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003DUP
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
COD	mg/L	+/-20	23.9		22.9		1	4.27		11/14/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3569
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MSD
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
COD	mg/L	+/-20	68.4		67.4		1	1.47		11/14/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **Run No.:** LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137803BSW								
Bromide	mg/L	10	10.2		102	1	90-110	11/06/2025
Chloride	mg/L	3	3.10		103	1	90-110	11/06/2025
Fluoride	mg/L	2	2.00		100	1	90-110	11/06/2025
Nitrite	mg/L	3	3.00		100	1	90-110	11/06/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	11/06/2025
Sulfate	mg/L	15	15.2		101	1	90-110	11/06/2025
Orthophosphate as P	mg/L	5	4.80		96	1	90-110	11/06/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **Run No.:** LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137803BSW2								
Bromide	mg/L	10	10.5		105	1	90-110	11/07/2025
Chloride	mg/L	3	3.20		107	1	90-110	11/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/07/2025
Sulfate	mg/L	15	15.5		103	1	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	11/07/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**Run No.:**	LB137821

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137821BS								
Hexavalent Chromium	mg/L	0.5	0.51		102	1	90-111	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **Run No.:** LB137845

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137845BS								
TDS	mg/L	100	94.0		94	1	90-110	11/10/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**Run No.:**	LB137873

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137873BS								
BOD5	mg/L	198	183		92	1	84.6-115.4	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **Run No.:** LB137877

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137877BS								
Oil and Grease	mg/L	20.0	18.2		91	1	78-114	11/13/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**Run No.:**	LB137904

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137904BS								
COD	mg/L	50	53.2		106	1	90-110	11/14/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3569

Project: Edison Landfill **Run No.:** LB137840

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170442BS								
Cyanide	mg/L	5	4.90		98	1	85-115	11/10/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3569
Project:	Edison Landfill	**Run No.:**	LB137870

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB170510BS**								
TKN	mg/L	5	5.10		102	1	90-110	11/12/2025

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115505,WP115574
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115504,WP115575
Chk Standard	WP115449,WP115450

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	11/03/25 15:58	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	11/03/25 16:22	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	11/03/25 17:04	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	11/03/25 17:47		RM/IZ	OK
5	STD5	STD5	CAL5	11/03/25 18:08		RM/IZ	OK
6	STD6	STD6	CAL6	11/03/25 18:30		RM/IZ	OK
7	STD7	STD7	CAL7	11/03/25 18:51		RM/IZ	OK
8	ICV1	ICV1	ICV	11/03/25 19:13		RM/IZ	OK
9	ICB1	ICB1	ICB	11/03/25 19:34		RM/IZ	OK
10	CCV1	CCV1	CCV	11/06/25 09:15		RM/IZ	OK
11	CCB1	CCB1	CCB	11/06/25 09:37		RM/IZ	OK
12	LB137803BLW	LB137803BLW	MB	11/06/25 09:58		RM/IZ	OK
13	LB137803BSW	LB137803BSW	LCS	11/06/25 10:20		RM/IZ	OK
14	Q3551-01	MANHOLE	SAM	11/06/25 10:46		RM/IZ	OK
15	Q3551-01MS	MANHOLEMS	MS	11/06/25 11:09	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
16	Q3551-01MSD	MANHOLEMSD	MSD	11/06/25 11:31	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
17	CCV2	CCV2	CCV	11/06/25 12:01		RM/IZ	OK
18	CCB2	CCB2	CCB	11/06/25 12:25		RM/IZ	OK

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115505,WP115574
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115504,WP115575
Chk Standard	WP115449,WP115450

19	Q3560-01	SY-10D	SAM	11/06/25 15:13	Cl is high, need dilution	RM/IZ	Dilution
20	Q3560-03	SY-10S	SAM	11/06/25 15:34	Cl is high, need dilution	RM/IZ	Dilution
21	Q3560-05	SY-10I	SAM	11/06/25 15:56	Cl,NO3 is high, need dilution	RM/IZ	Dilution
22	Q3560-07	SY-12I	SAM	11/06/25 16:17	Cl, SO4 is high, need dilution	RM/IZ	Dilution
23	Q3560-09	SY-12D	SAM	11/06/25 16:39	Cl,N03,SO4 is high, need dilution	RM/IZ	Dilution
24	CCV3	CCV3	CCV	11/06/25 17:00		RM/IZ	OK
25	CCB3	CCB3	CCB	11/06/25 17:43		RM/IZ	OK
26	CCV4	CCV4	CCV	11/07/25 09:00		RM/IZ	OK
27	CCB4	CCB4	CCB	11/07/25 09:22		RM/IZ	OK
28	LB137803BLW2	LB137803BLW2	MB	11/07/25 09:43		RM/IZ	OK
29	LB137803BSW2	LB137803BSW2	LCS	11/07/25 10:05		RM/IZ	OK
30	Q3569-01	MW-2	SAM	11/07/25 10:26		RM/IZ	OK
31	Q3569-02	MW-12	SAM	11/07/25 10:48	High	RM/IZ	Dilution
32	Q3569-01DL	MW-2DL	SAM	11/07/25 11:09	For Nitrate	RM/IZ	Confirms
33	Q3560-01DL	SY-10DDL	SAM	11/07/25 11:31	200X For Cl	RM/IZ	Confirms
34	Q3560-03DL	SY-10SDL	SAM	11/07/25 11:52	5X For Cl	RM/IZ	Confirms
35	Q3560-05DL	SY-10IDL	SAM	11/07/25 12:14	20X For Cl,NO3	RM/IZ	Confirms
36	Q3560-07DL	SY-12IDL	SAM	11/07/25 12:35	5X for Cl	RM/IZ	Dilution
37	Q3560-07DL2	SY-12IDL2	SAM	11/07/25 12:57	50X For Cl	RM/IZ	Confirms

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137803

Review By	rubina	Review On	11/11/2025 2:03:13 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:31 PM
SubDirectory	LB137803	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115505,WP115574
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115504,WP115575
Chk Standard	WP115449,WP115450

38	CCV5	CCV5	CCV	11/07/25 13:19		RM/IZ	OK
39	CCB5	CCB5	CCB	11/07/25 13:40		RM/IZ	OK
40	Q3560-09DL	SY-12DDL	SAM	11/07/25 14:02	2X For Cl, SO4 ,still high	RM/IZ	Dilution
41	Q3560-09DL2	SY-12DDL2	SAM	11/07/25 14:45	20X For Cl, SO4	RM/IZ	Confirms
42	CCV6	CCV6	CCV	11/07/25 15:28		RM/IZ	OK
43	CCB6	CCB6	CCB	11/07/25 15:49		RM/IZ	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137821

Review By	rubina	Review On	11/7/2025 3:29:49 PM
Supervise By	Iwona	Supervise On	11/7/2025 4:25:26 PM
SubDirectory	LB137821	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	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/07/25 09:30		Rubina	OK
2	CAL2	CAL2	CAL	11/07/25 09:30		Rubina	OK
3	CAL3	CAL3	CAL	11/07/25 09:31		Rubina	OK
4	CAL4	CAL4	CAL	11/07/25 09:31		Rubina	OK
5	CAL5	CAL5	CAL	11/07/25 09:32		Rubina	OK
6	CAL6	CAL6	CAL	11/07/25 09:32		Rubina	OK
7	CAL7	CAL7	CAL	11/07/25 09:33		Rubina	OK
8	ICV	ICV	ICV	11/07/25 09:33		Rubina	OK
9	ICB	ICB	ICB	11/07/25 09:34		Rubina	OK
10	CCV1	CCV1	CCV	11/07/25 09:34		Rubina	OK
11	CCB1	CCB1	CCB	11/07/25 09:35		Rubina	OK
12	RL Check	RL Check	RL	11/07/25 09:35		Rubina	OK
13	LB137821BL	LB137821BL	MB	11/07/25 09:36		Rubina	OK
14	LB137821BS	LB137821BS	LCS	11/07/25 09:36		Rubina	OK
15	Q3569-01	MW-2	SAM	11/07/25 09:37		Rubina	OK
16	Q3569-01DUP	MW-2DUP	DUP	11/07/25 09:37		Rubina	OK
17	Q3569-01MS	MW-2MS	MS	11/07/25 09:38		Rubina	OK
18	Q3569-01MSD	MW-2MSD	MSD	11/07/25 09:38		Rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137821

Review By	rubina	Review On	11/7/2025 3:29:49 PM
Supervise By	Iwona	Supervise On	11/7/2025 4:25:26 PM
SubDirectory	LB137821	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	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552

19	Q3569-02	MW-12	SAM	11/07/25 09:39		Rubina	OK
20	CCV2	CCV2	CCV	11/07/25 09:39		Rubina	OK
21	CCB2	CCB2	CCB	11/07/25 09:40		Rubina	OK

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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

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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

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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

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	Test	pH

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	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/10/25 13:33		jignesh	OK
2	CAL2	CAL2	CAL	11/10/25 13:35		jignesh	OK
3	CAL3	CAL3	CAL	11/10/25 13:36		jignesh	OK
4	ICV	ICV	ICV	11/10/25 13:37		jignesh	OK
5	CCV1	CCV1	CCV	11/10/25 13:39		jignesh	OK
6	Q3569-01	MW-2	SAM	11/10/25 13:44		jignesh	OK
7	Q3569-02	MW-12	SAM	11/10/25 13:47		jignesh	OK
8	Q3574-01	304641-01 Liquid	SAM	11/10/25 13:55		jignesh	OK
9	Q3578-01	MH-1172025	SAM	11/10/25 14:00		jignesh	OK
10	Q3584-01	SW-1	SAM	11/10/25 14:10		jignesh	OK
11	Q3584-02	SW-2	SAM	11/10/25 14:15		jignesh	OK
12	Q3584-03	SW-3	SAM	11/10/25 14:22		jignesh	OK
13	Q3584-04	EB-2	SAM	11/10/25 14:25		jignesh	OK
14	Q3584-05	FB-2	SAM	11/10/25 14:30		jignesh	OK
15	Q3584-07	SEEP-1	SAM	11/10/25 14:37		jignesh	OK
16	CCV2	CCV2	CCV	11/10/25 14:40		jignesh	OK
17	Q3595-01	LAW-25-0176	SAM	11/10/25 14:48		jignesh	OK
18	Q3595-01DUP	LAW-25-0176DUP	DUP	11/10/25 14:50		jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	Test	pH

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	W3178,W3093,W3191,W3217,W3161,W3200

19	CCV3	CCV3	CCV	11/10/25 15:00		jignesh	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137845

Review By	jignesh	Review On	11/11/2025 12:57:35 PM
Supervise By	Iwona	Supervise On	11/11/2025 1:06:25 PM
SubDirectory	LB137845	Test	TDS

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	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137845BL	LB137845BL	MB	11/10/25 11:30		jignesh	OK
2	LB137845BS	LB137845BS	LCS	11/10/25 11:30	WP115591	jignesh	OK
3	Q3569-01	MW-2	SAM	11/10/25 11:30		jignesh	OK
4	Q3569-02	MW-12	SAM	11/10/25 11:30		jignesh	OK
5	Q3584-01	SW-1	SAM	11/10/25 11:30		jignesh	OK
6	Q3584-02	SW-2	SAM	11/10/25 11:30		jignesh	OK
7	Q3584-03	SW-3	SAM	11/10/25 11:30		jignesh	OK
8	Q3584-03DUP	SW-3DUP	DUP	11/10/25 11:30		jignesh	OK
9	Q3584-07	SEEP-1	SAM	11/10/25 11:30		jignesh	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/12/25 10:23		rubina	OK
2	0.5PPM	0.5PPM	CAL2	11/12/25 10:23		rubina	OK
3	1.0PPM	1.0PPM	CAL3	11/12/25 10:23		rubina	OK
4	2.5PPM	2.5PPM	CAL4	11/12/25 10:23		rubina	OK
5	5.0PPM	5.0PPM	CAL5	11/12/25 10:23		rubina	OK
6	6.7PPM	6.7PPM	CAL6	11/12/25 10:23		rubina	OK
7	10.0PPM	10.0PPM	CAL7	11/12/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	11/12/25 11:32		rubina	OK
9	ICB1	ICB1	ICB	11/12/25 11:32		rubina	OK
10	CCV1	CCV1	CCV	11/12/25 11:32		rubina	OK
11	CCB1	CCB1	CCB	11/12/25 11:32		rubina	OK
12	RL	RL	LOQ	11/12/25 11:32		rubina	OK
13	PB170510BL	PB170510BL	MB	11/12/25 11:32		rubina	OK
14	PB170510BS	PB170510BS	LCS	11/12/25 11:43		rubina	OK
15	Q3530-07	LOD-MDL-WATER-01	SAM	11/12/25 11:43		rubina	OK
16	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/12/25 11:43		rubina	OK
17	Q3552-01	MW-4	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
18	Q3552-02	MW-8	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

19	Q3552-03	MW-9	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
20	Q3552-04	MW-10	SAM	11/12/25 11:43		rubina	OK
21	Q3552-04DUP	MW-10DUP	DUP	11/12/25 11:43		rubina	OK
22	CCV2	CCV2	CCV	11/12/25 11:54		rubina	OK
23	CCB2	CCB2	CCB	11/12/25 11:54		rubina	OK
24	Q3552-04MS	MW-10MS	MS	11/12/25 11:54		rubina	OK
25	Q3552-04MSD	MW-10MSD	MSD	11/12/25 11:54		rubina	OK
26	Q3552-05	MW-3	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
27	Q3560-01	SY-10D	SAM	11/12/25 11:54		rubina	OK
28	Q3560-03	SY-10S	SAM	11/12/25 11:54		rubina	OK
29	Q3560-05	SY-10I	SAM	11/12/25 11:54		rubina	OK
30	Q3560-07	SY-12I	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
31	Q3560-09	SY-12D	SAM	11/12/25 12:04		rubina	OK
32	Q3569-01	MW-2	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
33	Q3569-02	MW-12	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
34	CCV3	CCV3	CCV	11/12/25 12:04		rubina	OK
35	CCB3	CCB3	CCB	11/12/25 12:04		rubina	OK
36	Q3584-01	SW-1	SAM	11/12/25 12:04		rubina	OK
37	Q3584-02	SW-2	SAM	11/12/25 12:04		rubina	OK
38	Q3584-03	SW-3	SAM	11/12/25 12:04		rubina	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

39	Q3584-07	SEEP-1	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
40	PB170482BL	PB170482BL	MB	11/12/25 12:05		rubina	OK
41	PB170482BS	PB170482BS	LCS	11/12/25 12:05		rubina	OK
42	Q3483-07	HW1025-PT-NUT-SO	SAM	11/12/25 12:05	TKN high, need dilution	rubina	Dilution
43	Q3530-01	LOD-MDL-SOIL-01-Q	SAM	11/12/25 12:15		rubina	OK
44	Q3530-02	LOQ-SOIL-02-QT4-20	LOQ	11/12/25 12:15		rubina	OK
45	Q3586-02	SED-2	SAM	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
46	CCV4	CCV4	CCV	11/12/25 12:15		rubina	OK
47	CCB4	CCB4	CCB	11/12/25 12:15		rubina	OK
48	Q3586-02DUP	SED-2DUP	DUP	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
49	Q3586-02MS	SED-2MS	MS	11/12/25 12:15		rubina	OK
50	Q3586-02MSD	SED-2MSD	MSD	11/12/25 12:15		rubina	OK
51	Q3552-01DL	MW-4DL	SAM	11/12/25 12:15	20X For TKN	rubina	Confirms
52	Q3552-02DL	MW-8DL	SAM	11/12/25 12:15	2X For TKN	rubina	Confirms
53	Q3552-03DL	MW-9DL	SAM	11/12/25 12:15	10X For TKN	rubina	Confirms
54	Q3552-05DL	MW-3DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
55	Q3560-07DL	SY-12IDL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
56	Q3569-01DL	MW-2DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
57	CCV5	CCV5	CCV	11/12/25 13:42		rubina	OK
58	CCB5	CCB5	CCB	11/12/25 13:42		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

59	Q3569-02DL	MW-12DL	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
60	Q3483-07DL	HW1025-PT-NUT-SO	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
61	Q3586-02DL	SED-2DL	SAM	11/12/25 13:42	5X For TKN	rubina	Confirms
62	Q3586-02DUPDL	SED-2DUPDL	DUP	11/12/25 13:42	5X For TKN	rubina	Confirms
63	Q3584-07DL	SEEP-1DL	SAM	11/12/25 13:42	20X For TKN	rubina	Confirms
64	CCV6	CCV6	CCV	11/12/25 13:42		rubina	OK
65	CCB6	CCB6	CCB	11/12/25 13:45		rubina	OK

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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB137873

Review By	rubina	Review On	11/12/2025 5:01:53 PM
Supervise By	Iwona	Supervise On	11/12/2025 5:02:07 PM
SubDirectory	LB137873	Test	BOD5

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	WP115513,W3149,WP115342,W3103,W3109,W3248,WP115515,WP115514,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137873BL	LB137873BL	MB	11/07/25 11:30		rubina	OK
2	LB137873BS	LB137873BS	LCS	11/07/25 11:30		rubina	OK
3	Q3569-01	MW-2	SAM	11/07/25 11:30		rubina	OK
4	Q3569-01DUP	MW-2DUP	DUP	11/07/25 11:30		rubina	OK
5	Q3569-02	MW-12	SAM	11/07/25 11:30		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137877

Review By	jignesh	Review On	11/13/2025 3:41:31 PM
Supervise By	Iwona	Supervise On	11/13/2025 4:58:34 PM
SubDirectory	LB137877	Test	Oil and Grease

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	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137877BL	LB137877BL	MB	11/13/25 10:00		jignesh	OK
2	LB137877BS	LB137877BS	LCS	11/13/25 10:00		jignesh	OK
3	Q3530-09	MDL-WATER-03-QT4	SAM	11/13/25 10:00		jignesh	OK
4	Q3569-01	MW-2	SAM	11/13/25 10:00		jignesh	OK
5	Q3569-02	MW-12	SAM	11/13/25 10:00		jignesh	OK
6	Q3575-01	001 Willets Pt Blvd (N	SAM	11/13/25 10:00		jignesh	OK
7	Q3575-02	002 35th Ave (Nov)	SAM	11/13/25 10:00		jignesh	OK
8	Q3578-01	MH-1172025	SAM	11/13/25 10:00		jignesh	OK
9	Q3578-02	Q3578-01MS	MS	11/13/25 10:00		jignesh	OK
10	Q3578-03	Q3578-01MSD	MSD	11/13/25 10:00		jignesh	OK
11	Q3584-07	SEEP-1	SAM	11/13/25 10:00		jignesh	OK
12	Q3616-01	OIL AND GREASE-1	SAM	11/13/25 10:00		jignesh	OK
13	Q3616-02	OIL AND GREASE-2	SAM	11/13/25 10:00		jignesh	OK
14	Q3616-03	OIL AND GREASE-3	SAM	11/13/25 10:00		jignesh	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD

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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,\

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/08/25 13:30		Iwona	OK
2	CAL2	CAL2	CAL	09/08/25 13:30		Iwona	OK
3	CAL3	CAL3	CAL	09/08/25 13:31		Iwona	OK
4	CAL4	CAL4	CAL	09/08/25 13:31		Iwona	OK
5	CAL5	CAL5	CAL	09/08/25 13:32		Iwona	OK
6	CAL6	CAL6	CAL	09/08/25 13:32		Iwona	OK
7	ICV	ICV	ICV	09/08/25 13:33		Iwona	OK
8	ICB	ICB	ICB	09/08/25 13:33		Iwona	OK
9	CCV1	CCV1	CCV	11/14/25 14:00		Iwona	OK
10	CCB1	CCB1	CCB	11/14/25 14:00		Iwona	OK
11	RL Check	RL Check	RL	11/14/25 14:01		Iwona	OK
12	LB137904BL	LB137904BL	MB	11/14/25 14:01		Iwona	OK
13	LB137904BS	LB137904BS	LCS	11/14/25 14:02		Iwona	OK
14	Q3551-04	MANHOLE	SAM	11/14/25 14:02		Iwona	OK
15	Q3552-01	MW-4	SAM	11/14/25 14:03		Iwona	OK
16	Q3552-02	MW-8	SAM	11/14/25 14:03		Iwona	OK
17	Q3552-03	MW-9	SAM	11/14/25 14:04		Iwona	OK
18	Q3552-04	MW-10	SAM	11/14/25 14:04		Iwona	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD

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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,\

19	Q3552-05	MW-3	SAM	11/14/25 14:05		Iwona	OK
20	Q3569-01	MW-2	SAM	11/14/25 14:05		Iwona	OK
21	Q3569-02	MW-12	SAM	11/14/25 14:06		Iwona	OK
22	CCV2	CCV2	CCV	11/14/25 14:06		Iwona	OK
23	CCB2	CCB2	CCB	11/14/25 14:07		Iwona	OK
24	Q3578-01	MH-1172025	SAM	11/14/25 14:07		Iwona	OK
25	Q3584-01	SW-1	SAM	11/14/25 14:08		Iwona	OK
26	Q3584-02	SW-2	SAM	11/14/25 14:08		Iwona	OK
27	Q3584-03	SW-3	SAM	11/14/25 14:09		Iwona	OK
28	Q3584-07	SEEP-1	SAM	11/14/25 14:09		Iwona	OK
29	Q3630-01	DSN002	SAM	11/14/25 14:10		Iwona	OK
30	Q3630-03	DSN001	SAM	11/14/25 14:10		Iwona	OK
31	Q3630-04	DSN001	SAM	11/14/25 14:11		Iwona	OK
32	Q3630-05	DSN003	SAM	11/14/25 14:11		Iwona	OK
33	Q3630-05DUP	DSN003DUP	DUP	11/14/25 14:12		Iwona	OK
34	CCV3	CCV3	CCV	11/14/25 14:12		Iwona	OK
35	CCB3	CCB3	CCB	11/14/25 14:13		Iwona	OK
36	Q3630-05MS	DSN003MS	MS	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK
37	Q3630-05MSD	DSN003MSD	MSD	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK

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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD

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	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,\

38	CCV4	CCV4	CCV	11/14/25 14:14		Iwona	OK
39	CCB4	CCB4	CCB	11/14/25 14:14		Iwona	OK

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LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**WATER**			**11/05/25 12:00**			**11/06/25**
			Anions Group1	300.0			11/07/25 10:26	
			BOD5	SM5210 B			11/07/25 11:30	
			COD	SM5220 D			11/14/25 14:05	
			Cyanide	9012B		11/10/25	11/10/25 14:39	
			Hexavalent Chromium	7196A			11/07/25 09:37	
			Oil and Grease	1664A			11/13/25 10:00	
			pH	9040C			11/10/25 13:44	
			TDS	SM2540 C			11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:04	
Q3569-01DL	**MW-2DL**	**WATER**			**11/05/25 12:00**			**11/06/25**
			Anions Group1	300.0			11/07/25 11:09	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:26	

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LAB CHRONICLE

Q3569-02	**MW-12**	**WATER**			**11/05/25 16:30**		**11/06/25**
			Anions Group1	300.0		11/07/25 10:48	
			BOD5	SM5210 B		11/07/25 11:30	
			COD	SM5220 D		11/14/25 14:06	
			Cyanide	9012B	11/10/25	11/10/25 14:39	
			Hexavalent Chromium	7196A		11/07/25 09:39	
			Oil and Grease	1664A		11/13/25 10:00	
			pH	9040C		11/10/25 13:47	
			TDS	SM2540 C		11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04	
Q3569-02DL	**MW-12DL**	**WATER**			**11/05/25 16:30**		**11/06/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 13:42	

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170442

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/10/2025 **Time :** 12:10 **Temp :** 124 °C

Matrix : WATER

End Digest Date: 11/10/2025 **Time :** 13:40 **Temp :** 127 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** WC CYANIDE

Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** JP

Weigh By : N/A **pH Meter ID :** N/A **Supervisor Signature:** IZ

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBW	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	N/A	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
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	N/A	AS PER PB170470
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	N/A	AS PER PB170470
LOWSTD	LOWSTD	N/A	AS PER PB170470

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 13:55	JP / WC	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170442

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170442BL	PBW442	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170442BS	LCS442	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01DUP	SY-10DDUP	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01MS	SY-10DMS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01MSD	SY-10DMSD	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-01	SY-10D	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-03	SY-10S	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-05	SY-10I	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-07	SY-12I	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3560-09	SY-12D	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3569-01	MW-2	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3569-02	MW-12	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170510

SOP ID : MSM4500-N Org C-TKN-12

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2&3

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 11/11/2025 **Time :** 08:10 **Temp :** 380 °C

End Digest Date: 11/11/2025 **Time :** 09:40 **Temp :** 384 °C

Start Distillation Date: 11/11/2025 **Time :** 10:10 **Temp :** 150 °C

End Distillation Date: 11/11/2025 **Time :** 11:10 **Temp :** 160 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : Therm#2(2179)

Prep Technician Signature: RM

Supervisor Signature: IZ

Standared Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP115592
TKN CCV STD	50.0ML	WP115593
TKN ICV STD	50.0ML	WP115594
TKN LCS STD	50.0ML	WP115595
MS/MSD SPIKE SOL.	0.25ML	WP115085

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP115336
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:

RL CHECK 10ML FROM WP115593,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104,LOD115596,LOQ115597

Date / Time	Prepped Sample Relnquished By/Location	Received By/Location
11/11/2025 14.25	RM (WC)	RM(WC)
1	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170510

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170510BL	PBW510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB170510BS	LCS510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-07	LOD-MDL-WATER-01-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-08	LOQ-WATER-02-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-01	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-02	MW-8	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-03	MW-9	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04	MW-10	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04DUP	MW-10DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MS	MW-10MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MSD	MW-10MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-01	SY-10D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-03	SY-10S	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-05	SY-10I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-07	SY-12I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-09	SY-12D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-01	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-02	MW-12	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-01	SW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-02	SW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-03	SW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-07	SEEP-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A