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

Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**SW-1**								
Q3584-01	SW-1	Water	Acetone		4.00	J	1.50	5.00	ug/L
			Total Voc :		4.00				
			Total Concentration:		4.00				
Client ID:	**SW-2**								
Q3584-02	SW-2	Water	Acetone		4.50	J	1.50	5.00	ug/L
			Total Voc :		4.50				
			Total Concentration:		4.50				
Client ID:	**SW-3**								
Q3584-03	SW-3	Water	Acetone		3.90	J	1.50	5.00	ug/L
			Total Voc :		3.90				
			Total Concentration:		3.90				
Client ID:	**EB-2**								
Q3584-04	EB-2	Water	Acetone		8.20		1.50	5.00	ug/L
			Total Voc :		8.20				
			Total Concentration:		8.20				
Client ID:	**SEEP-1**								
Q3584-07	SEEP-1	Water	Acetone		49.7	J	15.1	50.0	ug/L
			Total Voc :		49.7				
Q3584-07	SEEP-1	Water	Tert butyl alcohol	*	81.1	J	55.1	250	ug/L
			Total Tics :		81.1				
			Total Concentration:		131				

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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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 15:27	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:27	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:27	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:27	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:27	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:27	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
67-64-1	Acetone	4.00	J	1	1.50	5.00	ug/L	11/10/25 15:27	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:27	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:27	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:27	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:27	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:27	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:27	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:27	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:27	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:27	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:27	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:27	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:27	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:27	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:27	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025

Raw Data: **VX048540.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:27	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:27	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.3			70 (74) - 130 (125)	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.7			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	50.8			70 (86) - 130 (113)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.3			70 (77) - 130 (121)	119%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	172000							
540-36-3	1,4-Difluorobenzene	320000							
3114-55-4	Chlorobenzene-d5	340000							
3855-82-1	1,4-Dichlorobenzene-d4	185000							

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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 15:48	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:48	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:48	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:48	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:48	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:48	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
67-64-1	Acetone	4.50	J	1	1.50	5.00	ug/L	11/10/25 15:48	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:48	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:48	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:48	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:48	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:48	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:48	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:48	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:48	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:48	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:48	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:48	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:48	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:48	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:48	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:48	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:48	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:48	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:48	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:48	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.1			70 (75) - 130 (124)	90%	SPK: 50		
2037-26-5	Toluene-d8	48.3			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	181000							
540-36-3	1,4-Difluorobenzene	361000							
3114-55-4	Chlorobenzene-d5	362000							
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: **VX048542.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	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 16:08	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 16:08	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:08	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 16:08	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 16:08	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 16:08	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
67-64-1	Acetone	3.90	J	1	1.50	5.00	ug/L	11/10/25 16:08	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:08	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 16:08	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 16:08	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 16:08	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 16:08	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 16:08	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 16:08	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 16:08	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 16:08	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:08	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 16:08	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 16:08	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:08	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 16:08	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 16:08	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:08	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025

Raw Data: **VX048542.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	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 16:08	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:08	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 16:08	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.3			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.5			70 (77) - 130 (121)	119%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	181000							
540-36-3	1,4-Difluorobenzene	361000							
3114-55-4	Chlorobenzene-d5	386000							
3855-82-1	1,4-Dichlorobenzene-d4	205000							

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: **VX048555.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	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 11:43	VX111125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/11/25 11:43	VX111125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/11/25 11:43	VX111125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/11/25 11:43	VX111125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/11/25 11:43	VX111125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/11/25 11:43	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
67-64-1	Acetone	8.20		1	1.50	5.00	ug/L	11/11/25 11:43	VX111125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/11/25 11:43	VX111125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/11/25 11:43	VX111125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/11/25 11:43	VX111125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/11/25 11:43	VX111125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/11/25 11:43	VX111125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/11/25 11:43	VX111125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/11/25 11:43	VX111125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/11/25 11:43	VX111125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/11/25 11:43	VX111125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/11/25 11:43	VX111125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/11/25 11:43	VX111125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/11/25 11:43	VX111125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/11/25 11:43	VX111125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/11/25 11:43	VX111125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/11/25 11:43	VX111125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/11/25 11:43	VX111125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125

Raw Data: **VX048555.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	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 11:43	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/11/25 11:43	VX111125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/11/25 11:43	VX111125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.4			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.1			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	362000							
3114-55-4	Chlorobenzene-d5	387000							
3855-82-1	1,4-Dichlorobenzene-d4	203000							

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: **VX048538.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	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 14:45	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 14:45	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:45	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 14:45	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 14:45	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 14:45	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:45	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:45	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 14:45	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 14:45	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:45	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 14:45	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 14:45	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 14:45	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 14:45	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 14:45	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:45	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 14:45	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 14:45	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:45	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 14:45	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 14:45	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:45	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025

Raw Data: **VX048538.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	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 14:45	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:45	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 14:45	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.4			70 (75) - 130 (124)	119%	SPK: 50		
2037-26-5	Toluene-d8	51.7			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.9			70 (77) - 130 (121)	116%	SPK: 50		

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	165000
540-36-3	1,4-Difluorobenzene	254000
3114-55-4	Chlorobenzene-d5	270000
3855-82-1	1,4-Dichlorobenzene-d4	143000

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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	TB-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-06	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 15:06	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:06	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:06	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:06	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:06	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:06	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:06	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:06	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:06	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:06	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:06	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:06	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:06	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:06	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:06	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:06	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:06	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:06	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:06	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:06	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:06	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:06	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:06	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	TB-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-06	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 15:06	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:06	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:06	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			70 (74) - 130 (125)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.2			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	49.2			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.1			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	167000							
540-36-3	1,4-Difluorobenzene	331000							
3114-55-4	Chlorobenzene-d5	344000							
3855-82-1	1,4-Dichlorobenzene-d4	202000							

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: **VX048556.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	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	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
74-87-3	Chloromethane	3.20	U	10	3.20	10.0	ug/L	11/11/25 12:04	VX111125
75-01-4	Vinyl Chloride	2.60	U	10	2.60	10.0	ug/L	11/11/25 12:04	VX111125
74-83-9	Bromomethane	14.4	U	10	14.4	50.0	ug/L	11/11/25 12:04	VX111125
75-00-3	Chloroethane	4.70	U	10	4.70	10.0	ug/L	11/11/25 12:04	VX111125
75-69-4	Trichlorofluoromethane	3.30	U	10	3.30	10.0	ug/L	11/11/25 12:04	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
75-35-4	1,1-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
67-64-1	Acetone	49.7	J	10	15.1	50.0	ug/L	11/11/25 12:04	VX111125
75-15-0	Carbon Disulfide	2.10	U	10	2.10	10.0	ug/L	11/11/25 12:04	VX111125
1634-04-4	Methyl tert-butyl Ether	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
79-20-9	Methyl Acetate	2.70	U	10	2.70	10.0	ug/L	11/11/25 12:04	VX111125
75-09-2	Methylene Chloride	2.80	U	10	2.80	10.0	ug/L	11/11/25 12:04	VX111125
156-60-5	trans-1,2-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
75-34-3	1,1-Dichloroethane	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
110-82-7	Cyclohexane	14.5	U	10	14.5	50.0	ug/L	11/11/25 12:04	VX111125
78-93-3	2-Butanone	9.80	U	10	9.80	50.0	ug/L	11/11/25 12:04	VX111125
56-23-5	Carbon Tetrachloride	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
156-59-2	cis-1,2-Dichloroethene	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125
74-97-5	Bromochloromethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
67-66-3	Chloroform	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
71-55-6	1,1,1-Trichloroethane	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
108-87-2	Methylcyclohexane	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
71-43-2	Benzene	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
107-06-2	1,2-Dichloroethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
79-01-6	Trichloroethene	0.93	U	10	0.93	10.0	ug/L	11/11/25 12:04	VX111125
78-87-5	1,2-Dichloropropane	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
75-27-4	Bromodichloromethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
108-10-1	4-Methyl-2-Pentanone	6.80	U	10	6.80	50.0	ug/L	11/11/25 12:04	VX111125
108-88-3	Toluene	1.40	U	10	1.40	10.0	ug/L	11/11/25 12:04	VX111125
10061-02-6	t-1,3-Dichloropropene	1.70	U	10	1.70	10.0	ug/L	11/11/25 12:04	VX111125
10061-01-5	cis-1,3-Dichloropropene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
79-00-5	1,1,2-Trichloroethane	2.10	U	10	2.10	10.0	ug/L	11/11/25 12:04	VX111125
591-78-6	2-Hexanone	8.90	U	10	8.90	50.0	ug/L	11/11/25 12:04	VX111125
124-48-1	Dibromochloromethane	1.80	U	10	1.80	10.0	ug/L	11/11/25 12:04	VX111125
106-93-4	1,2-Dibromoethane	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
127-18-4	Tetrachloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
108-90-7	Chlorobenzene	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
100-41-4	Ethyl Benzene	1.30	U	10	1.30	10.0	ug/L	11/11/25 12:04	VX111125
179601-23-1	m/p-Xylenes	2.40	U	10	2.40	20.0	ug/L	11/11/25 12:04	VX111125
95-47-6	o-Xylene	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
100-42-5	Styrene	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
75-25-2	Bromoform	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125

Raw Data: **VX048556.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	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	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	10	2.60	10.0	ug/L	11/11/25 12:04	VX111125
541-73-1	1,3-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
106-46-7	1,4-Dichlorobenzene	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125
95-50-1	1,2-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	10	5.30	10.0	ug/L	11/11/25 12:04	VX111125
120-82-1	1,2,4-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
87-61-6	1,2,3-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.2			70 (74) - 130 (125)	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.5			70 (75) - 130 (124)	87%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.0			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	214000							
540-36-3	1,4-Difluorobenzene	420000							
3114-55-4	Chlorobenzene-d5	432000							
3855-82-1	1,4-Dichlorobenzene-d4	226000							
TENTATIVE IDENTIFIED COMPOUNDS									
75-65-0	Tert butyl alcohol	81.1	J			2.94	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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3584-01	SW-1	1,2-Dichloroethane-d4	50	53.3	107		70 (74)	130 (125)
		Dibromofluoromethane	50	47.7	95		70 (75)	130 (124)
		Toluene-d8	50	50.8	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.3	119		70 (77)	130 (121)
Q3584-02	SW-2	1,2-Dichloroethane-d4	50	55.5	111		70 (74)	130 (125)
		Dibromofluoromethane	50	45.1	90		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.1	112		70 (77)	130 (121)
Q3584-03	SW-3	1,2-Dichloroethane-d4	50	55.4	111		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	51.3	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.5	119		70 (77)	130 (121)
Q3584-04	EB-2	1,2-Dichloroethane-d4	50	56.7	113		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	51.4	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.1	120		70 (77)	130 (121)
Q3584-05	FB-2	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	59.4	119		70 (75)	130 (124)
		Toluene-d8	50	51.6	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.9	116		70 (77)	130 (121)
Q3584-06	TB-3	1,2-Dichloroethane-d4	50	52.5	105		70 (74)	130 (125)
		Dibromofluoromethane	50	44.2	88		70 (75)	130 (124)
		Toluene-d8	50	49.2	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.1	120		70 (77)	130 (121)
Q3584-07	SEEP-1	1,2-Dichloroethane-d4	50	49.2	98		70 (74)	130 (125)
		Dibromofluoromethane	50	43.5	87		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112		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)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3584 **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)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **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)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **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)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **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)

( ) = LABORATORY INHOUSE LIMIT

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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.: Q3584 **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)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **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)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1110WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

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
FB-2	Q3584-05	VX048538.D	11/10/2025
TB-3	Q3584-06	VX048539.D	11/10/2025
SW-1	Q3584-01	VX048540.D	11/10/2025
SW-2	Q3584-02	VX048541.D	11/10/2025
SW-3	Q3584-03	VX048542.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.: Q3584

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
EB-2	Q3584-04	VX048555.D	11/11/2025
SEEP-1	Q3584-07	VX048556.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.: Q3584

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.: Q3584

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
FB-2	Q3584-05	VX048538.D	11/10/2025	14:45
TB-3	Q3584-06	VX048539.D	11/10/2025	15:06
SW-1	Q3584-01	VX048540.D	11/10/2025	15:27
SW-2	Q3584-02	VX048541.D	11/10/2025	15:48
SW-3	Q3584-03	VX048542.D	11/10/2025	16:08

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

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
EB-2	Q3584-04	VX048555.D	11/11/2025	11:43
SEEP-1	Q3584-07	VX048556.D	11/11/2025	12:04

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

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.						
SW-1	172124	5.54	320476	6.75	339849	10.04
SW-2	180936	5.54	361159	6.75	362263	10.04
SW-3	181183	5.54	361304	6.75	386173	10.04
FB-2	164671	5.54	253875	6.75	270369	10.04
TB-3	166567	5.54	331464	6.75	343876	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.: Q3584

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.						
SW-1	185006	12.01				
SW-2	195935	12.01				
SW-3	204501	12.01				
FB-2	142954	12.01				
TB-3	201653	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.: Q3584

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.						
EB-2	180349	5.54	362115	6.75	387054	10.04
SEEP-1	213710	5.54	420027	6.75	432332	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.: Q3584

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.						
EB-2	202689	12.01				
SEEP-1	225901	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
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VX1110WBL01	SDG No.:	Q3584
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

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1110WBL01			SDG No.:	Q3584
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
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.:	Q3584
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

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:	VX1111WBL01			SDG No.:	Q3584
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.:	Q3584
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

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.:	Q3584
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.:	Q3584
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
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.:	Q3584
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.:	Q3584
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.:	Q3584
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.: Q3584

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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3584
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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3584
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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

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 : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Nov 11 00:47:48 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

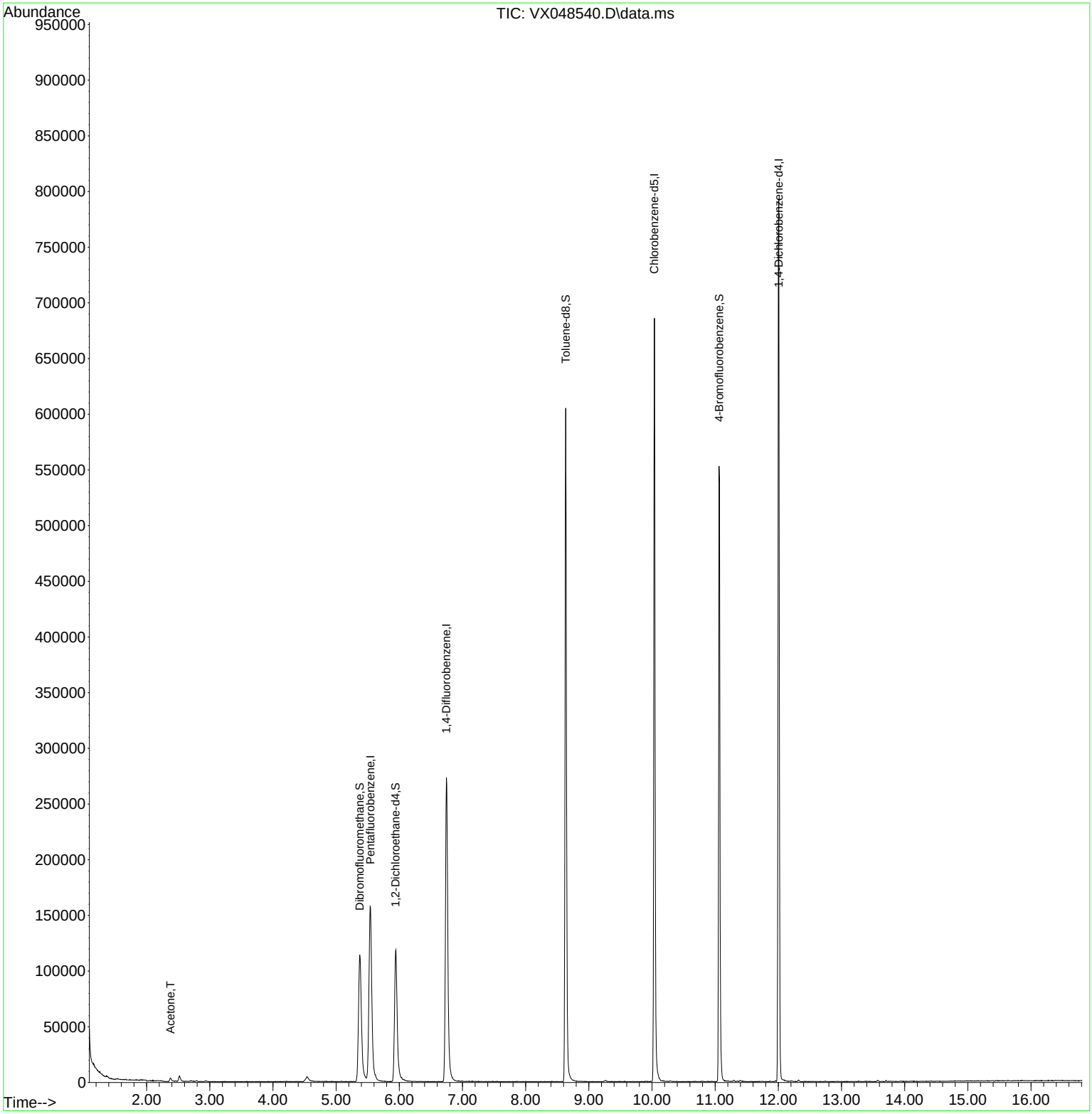
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	172124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127889	53.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.640%			
35) Dibromofluoromethane	5.373	113	115768	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.635	98	384460	50.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.061	95	167170	59.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.600%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4551	4.009	ug/l	91

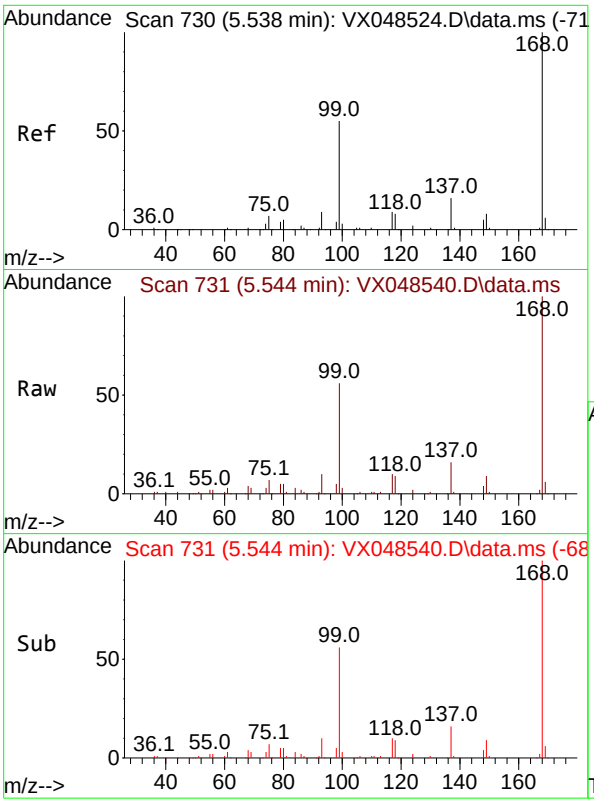
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Nov 11 00:47:48 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



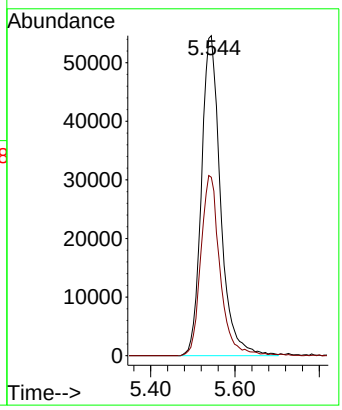


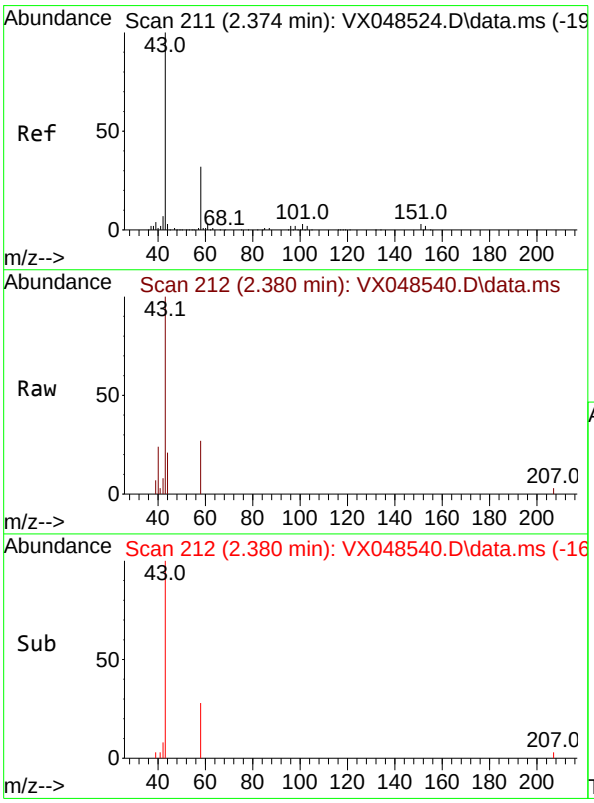
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:168 Resp: 172124

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

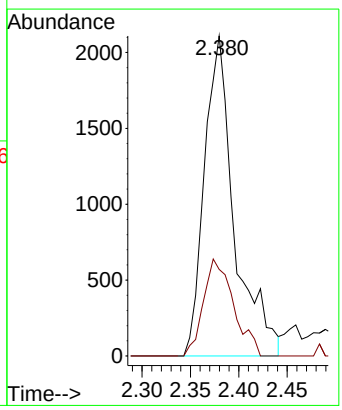


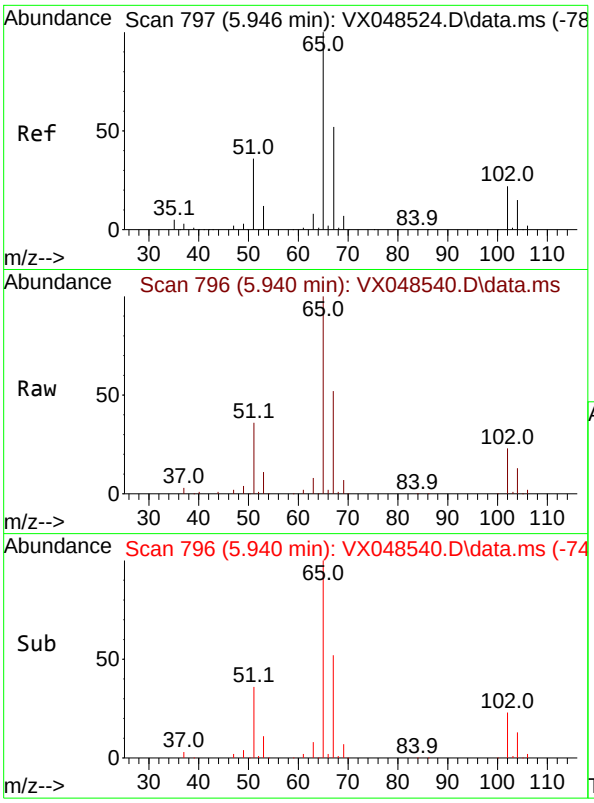


#16
Acetone
Concen: 4.009 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 43 Resp: 4551

Ion	Ratio	Lower	Upper
43	100		
58	27.1	25.8	38.6



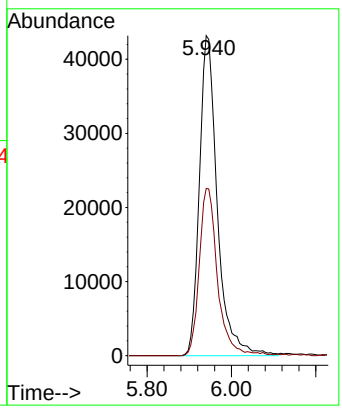


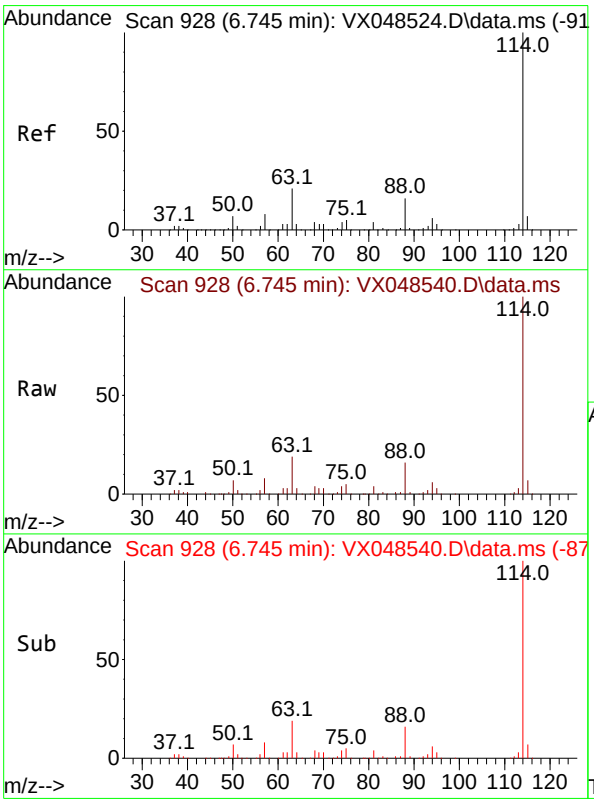
#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 65 Resp: 127889

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

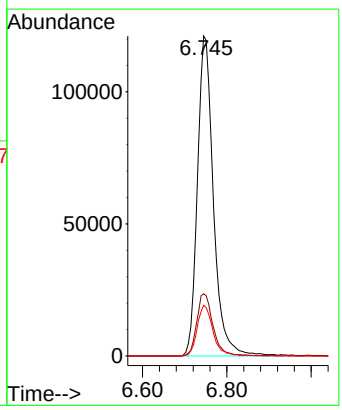


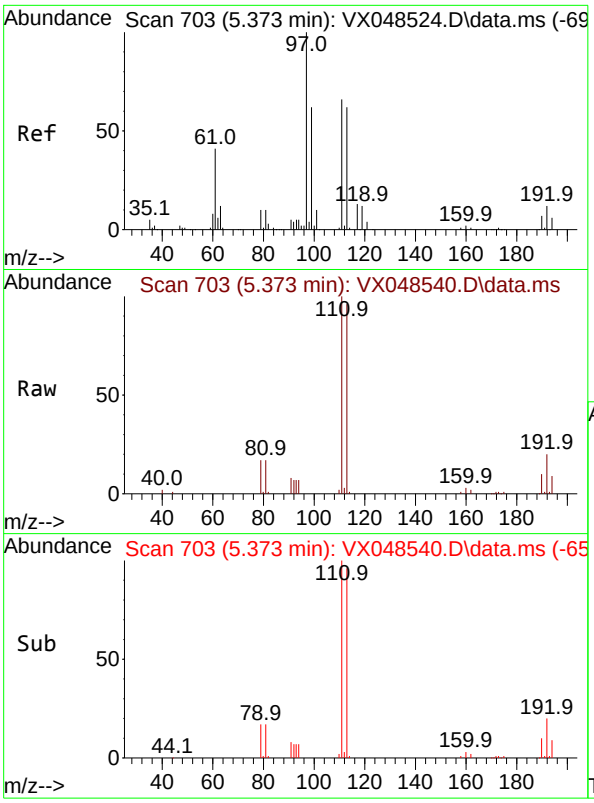


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion:114 Resp: 320476

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.2
88	15.8	0.0	32.2



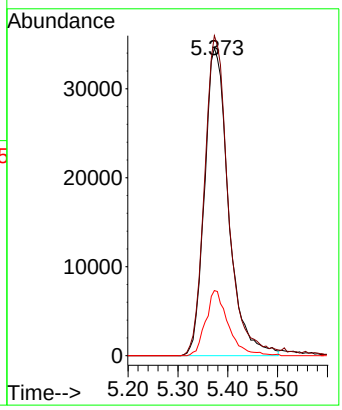


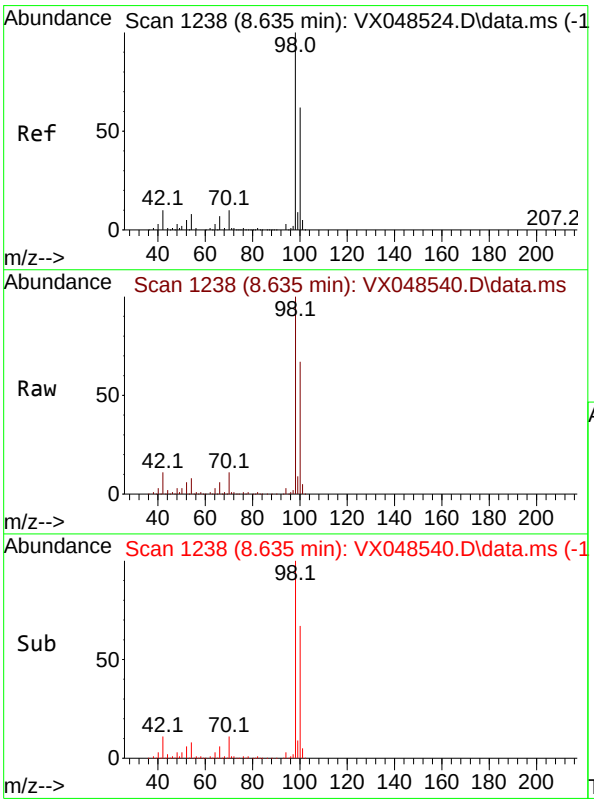
#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:113 Resp: 115768

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	19.9	15.8	23.6

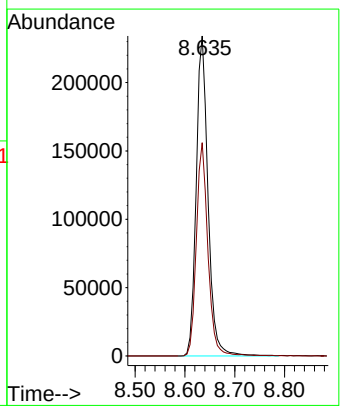


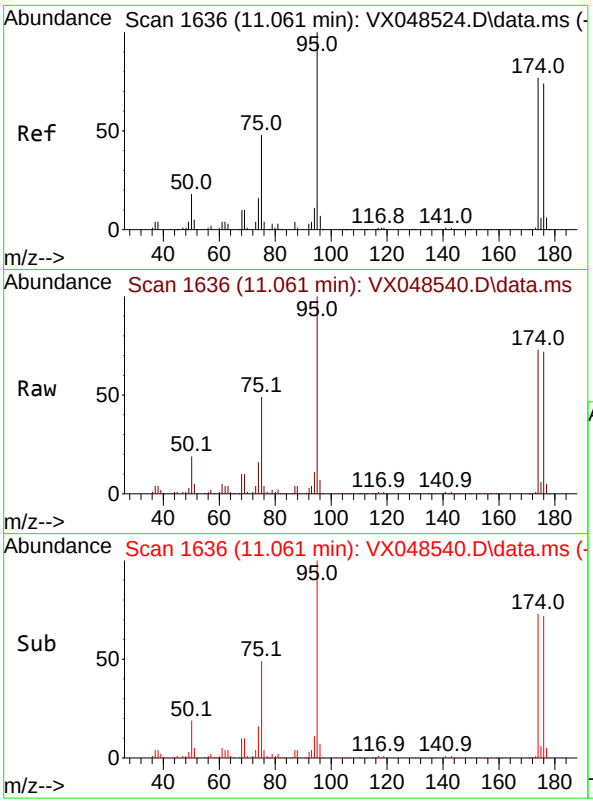


#50
Toluene-d8
Concen: 50.821 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 98 Resp: 384460

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.6	80.4



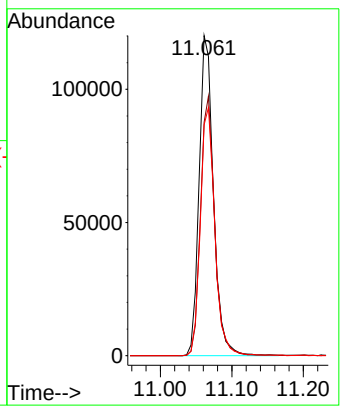


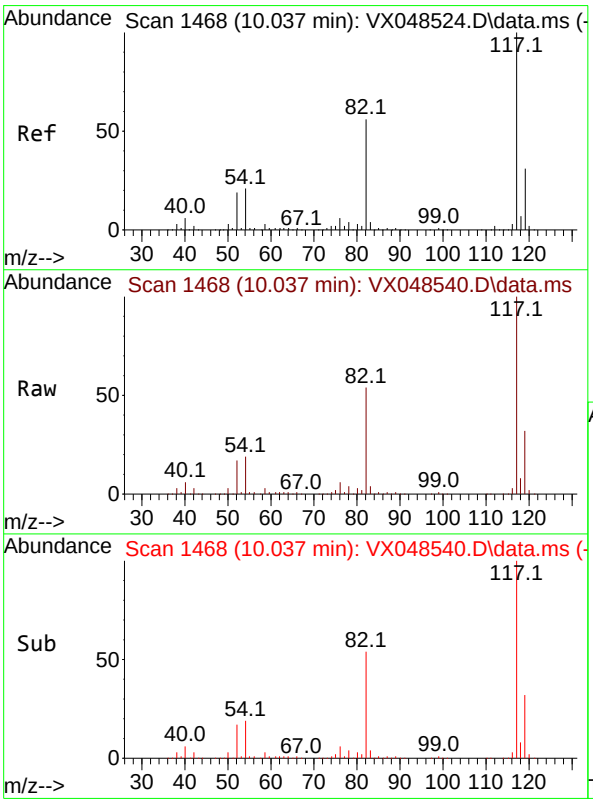
#62
4-Bromofluorobenzene
Concen: 59.297 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 95 Resp: 167170

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.8
176	78.4	0.0	153.6

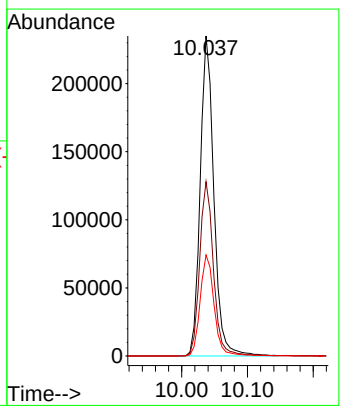


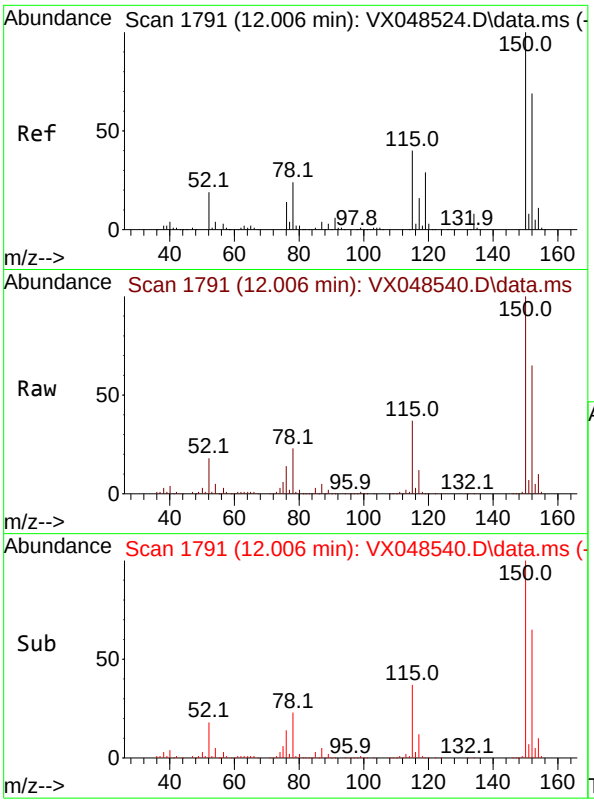


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion:117 Resp: 339849

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.4	66.6
119	31.6	25.1	37.7



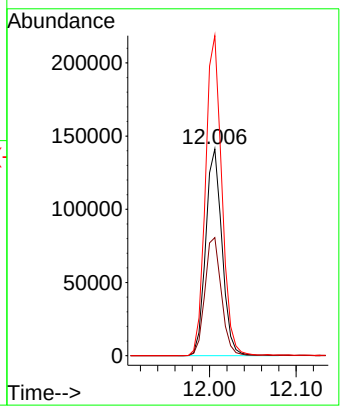


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 185006

Ion	Ratio	Lower	Upper
152	100		
115	57.8	39.2	117.6
150	154.4	0.0	347.0



Sample Results: **VX048540.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

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

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

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

Signal : TIC: VX048540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.538	556	566	574	rBV	4570	14700	1.38%	0.254%
2	5.373	692	703	719	rBV	113901	370547	34.75%	6.401%
3	5.538	720	730	756	rVB	157509	497248	46.63%	8.589%
4	5.946	784	797	811	rBV	118383	346942	32.53%	5.993%
5	6.745	919	928	951	rBV	273159	717139	67.25%	12.388%
6	8.635	1231	1238	1257	rBV	604679	990713	92.90%	17.113%
7	10.037	1462	1468	1484	rBV	685104	1001842	93.94%	17.306%
8	11.061	1631	1636	1650	rBV	552179	783569	73.47%	13.535%
9	12.006	1785	1791	1800	rBV	792513	1066450	100.00%	18.422%

Sum of corrected areas: 5789150

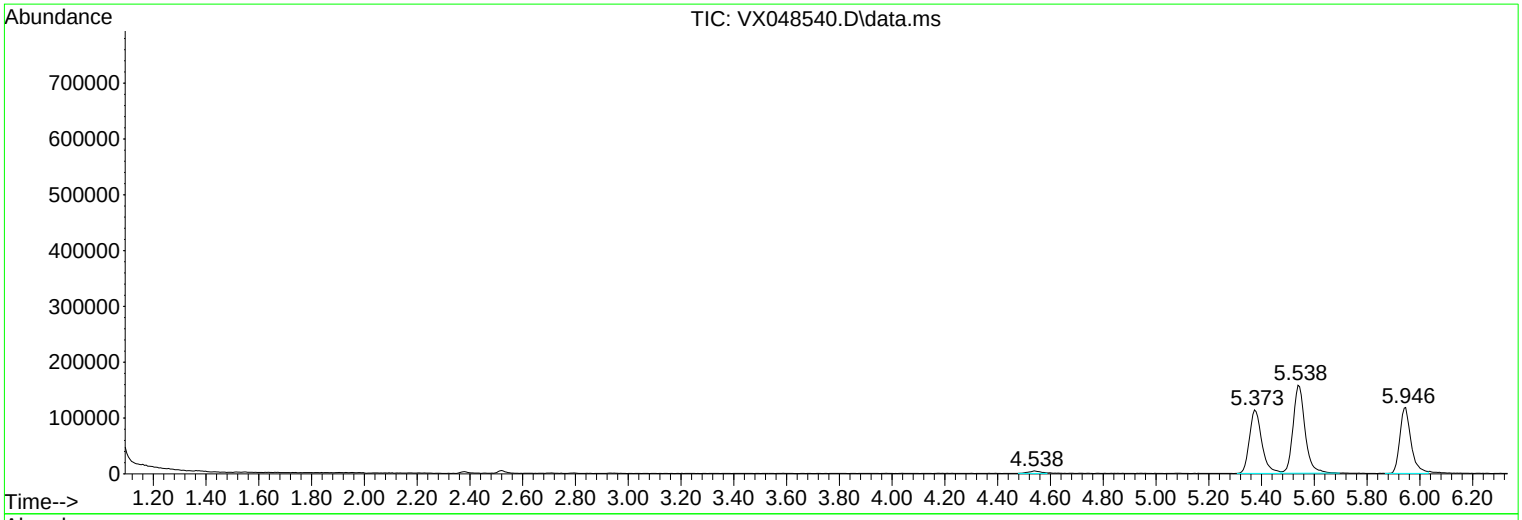
Sample Results: **VX048540.D**

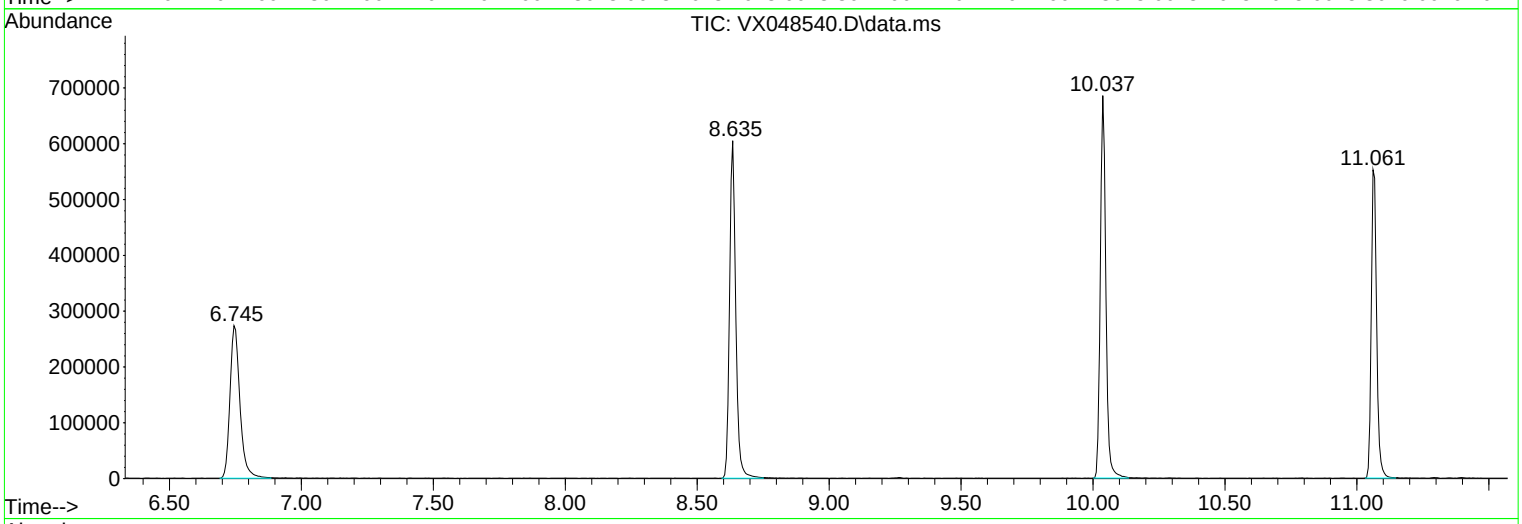
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

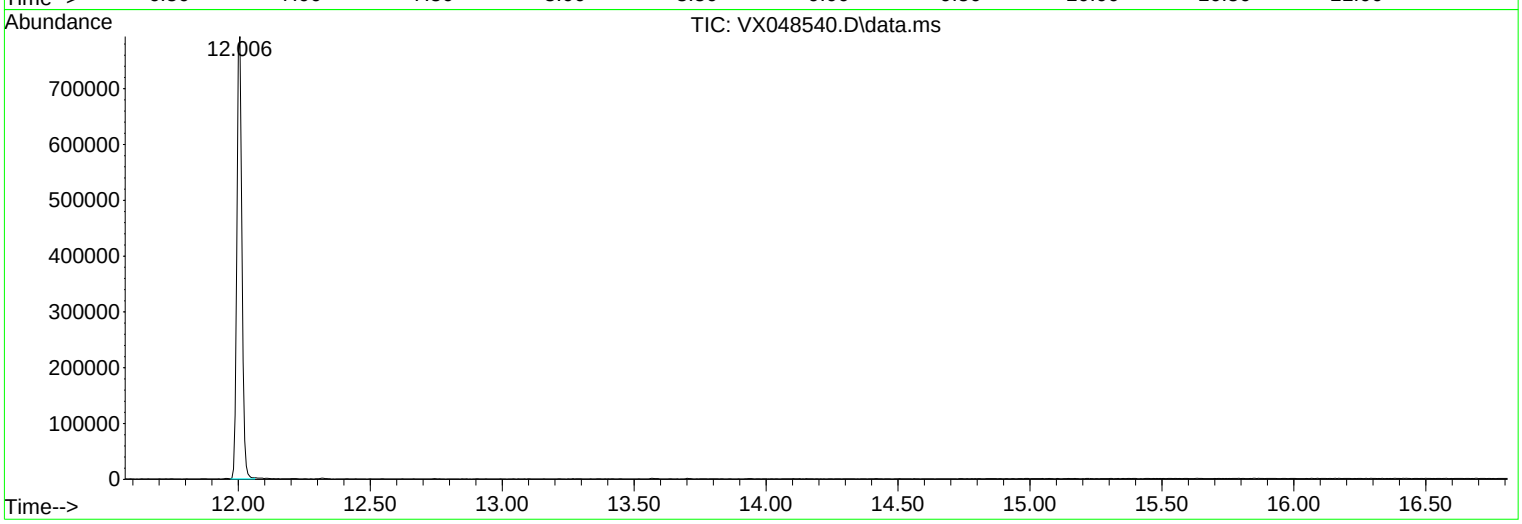
Instrument :
MSVOA_X
ClientSampleId :
SW-1

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







Library Search Compound Report

Sample Results: **VX048540.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

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 : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

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 : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Time: Nov 11 00:48:06 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

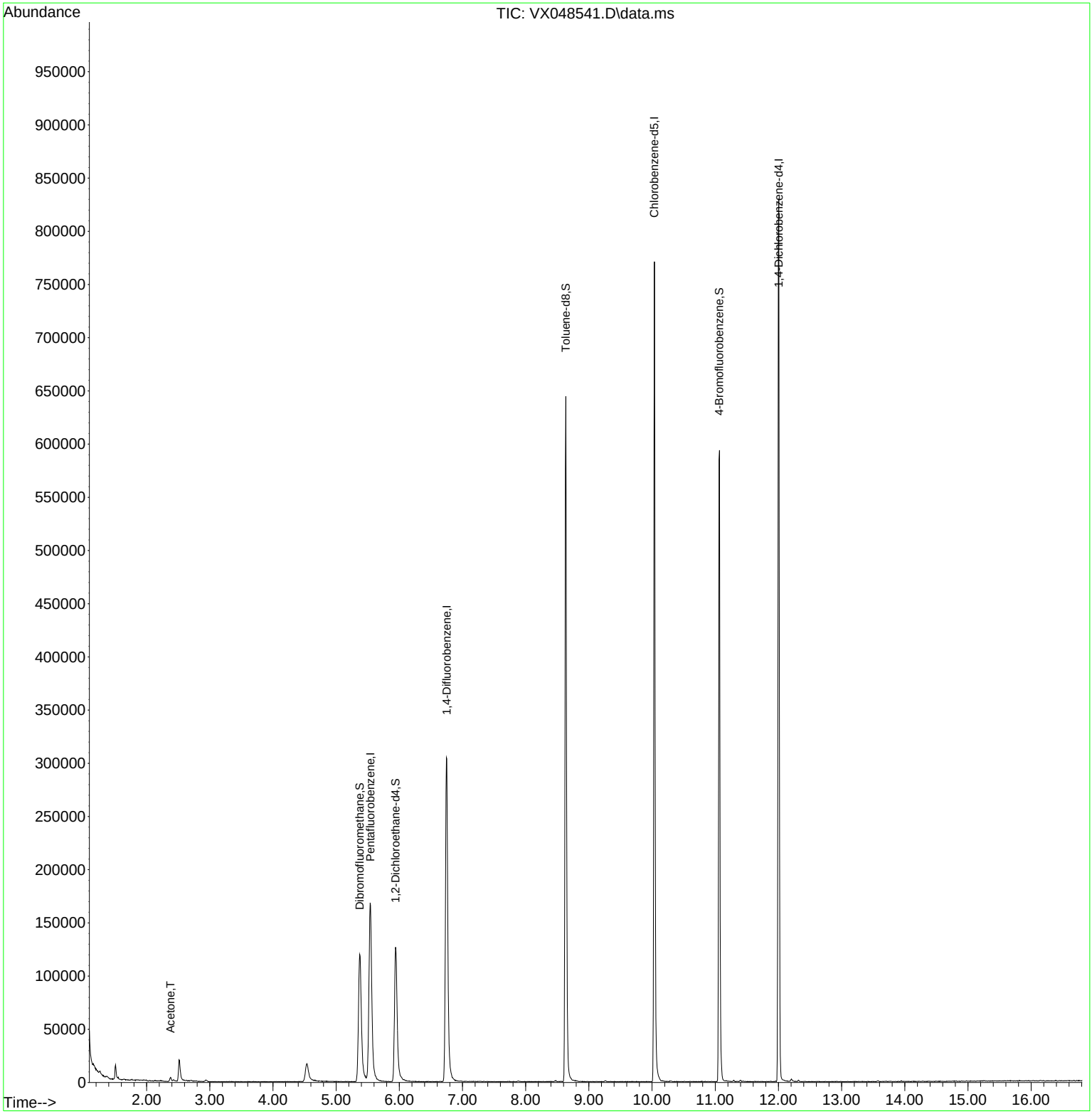
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	180936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	361159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	362263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	139961	55.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.020%			
35) Dibromofluoromethane	5.373	113	123372	45.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.260%			
50) Toluene-d8	8.635	98	411539	48.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.540%			
62) 4-Bromofluorobenzene	11.061	95	178249	56.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.200%			
Target Compounds						Qvalue
16) Acetone	2.380	43	5388	4.515	ug/l	93

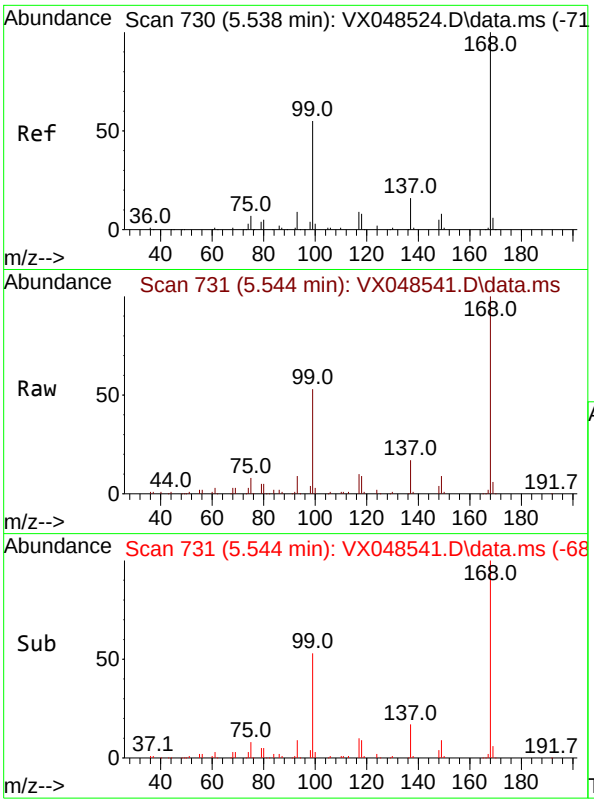
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Time: Nov 11 00:48:06 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



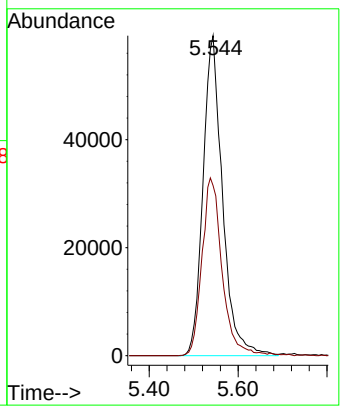


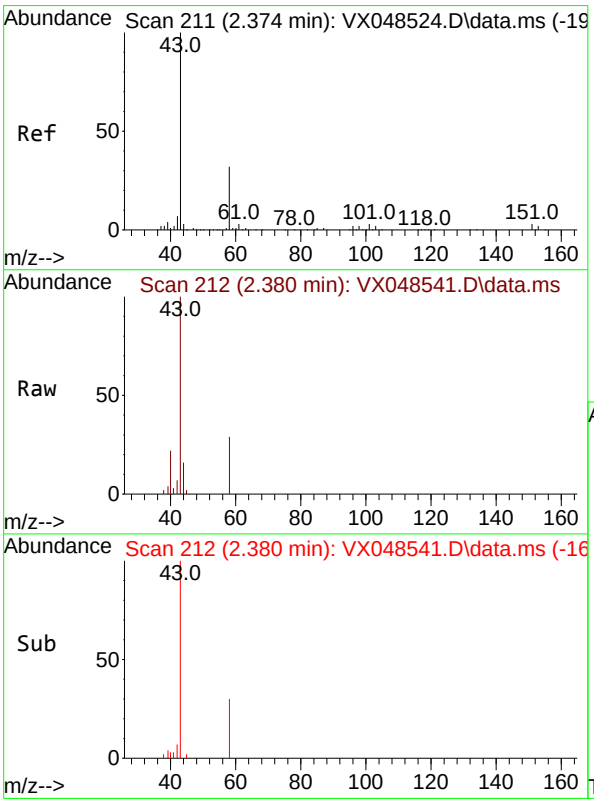
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:168 Resp: 180936

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.2	67.8

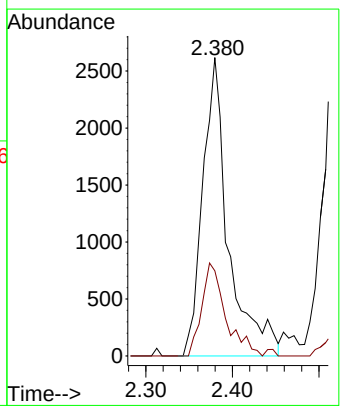


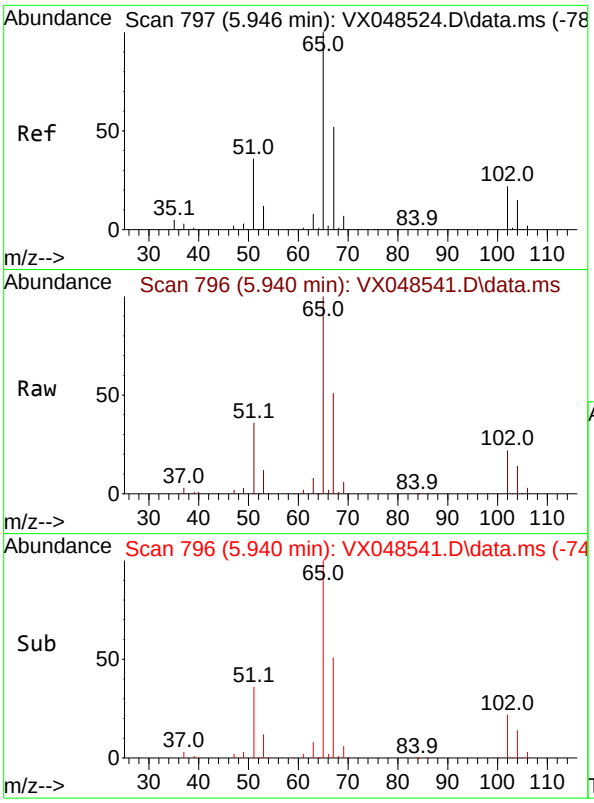


#16
Acetone
Concen: 4.515 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 43 Resp: 5388

Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.8	38.6



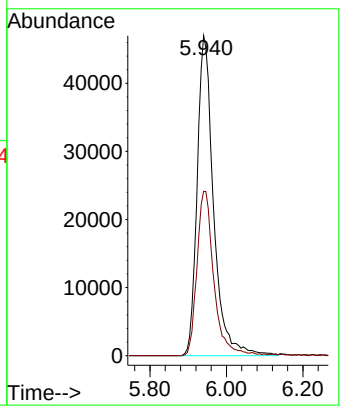


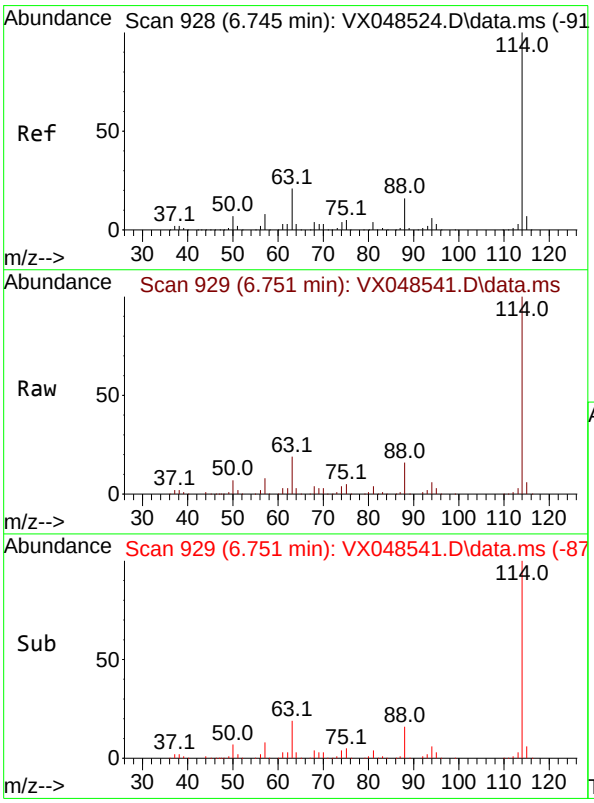
#33
1,2-Dichloroethane-d4
Concen: 55.514 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion: 65 Resp: 139961

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2

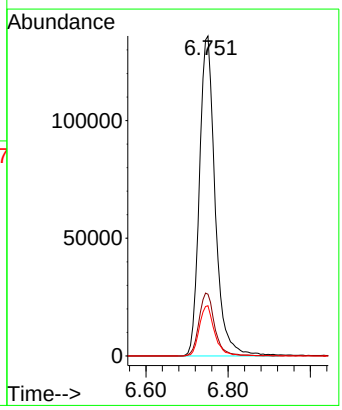


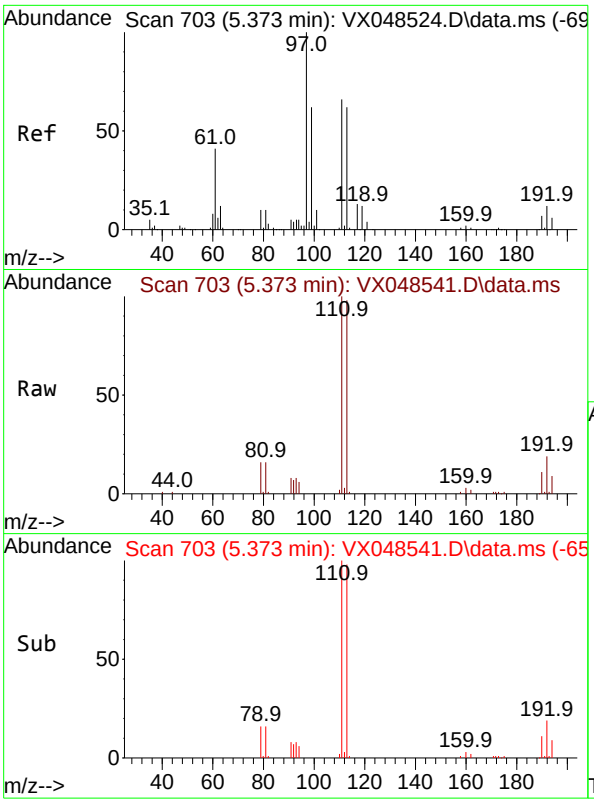


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion:114 Resp: 361159

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.7	0.0	32.2



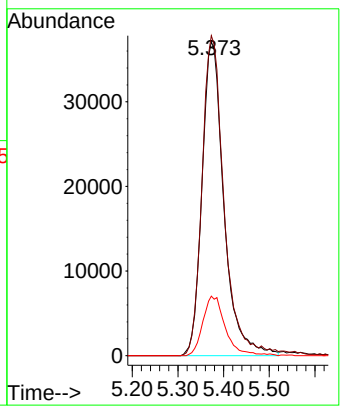


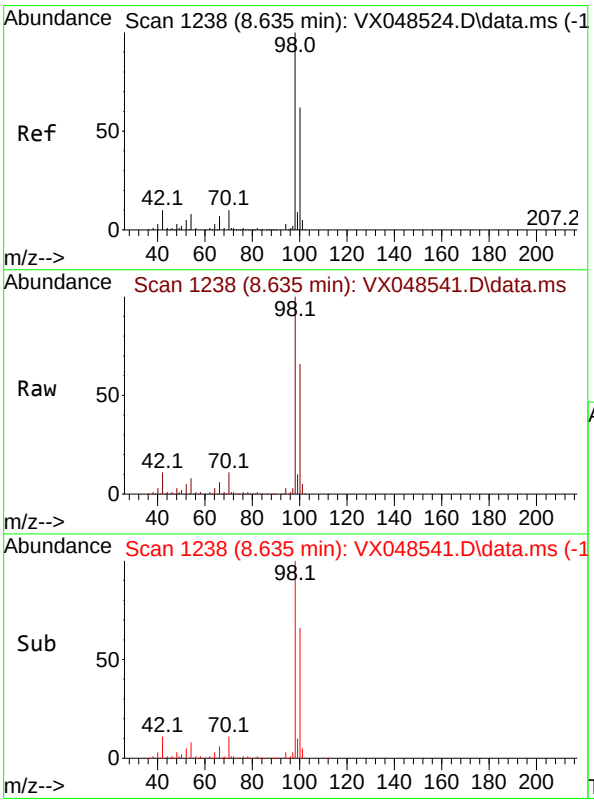
#35
Dibromofluoromethane
Concen: 45.134 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:113 Resp: 123372

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	19.3	15.8	23.6

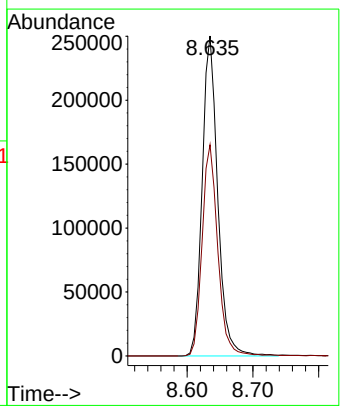


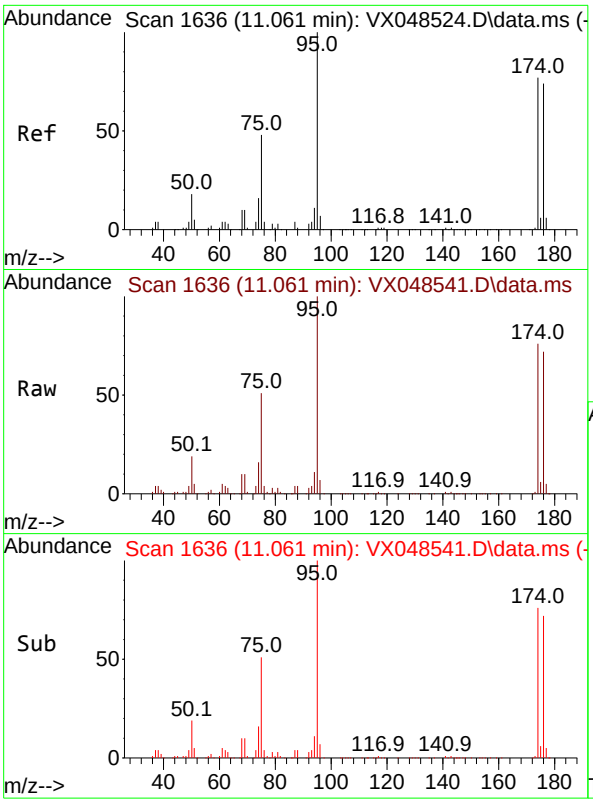


#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 98 Resp: 411539

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.6	80.4



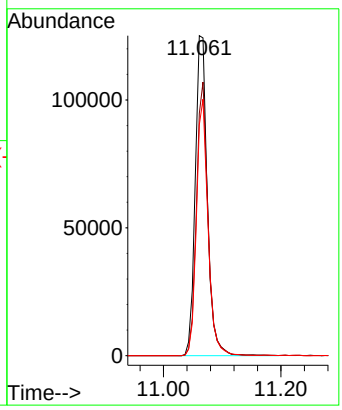


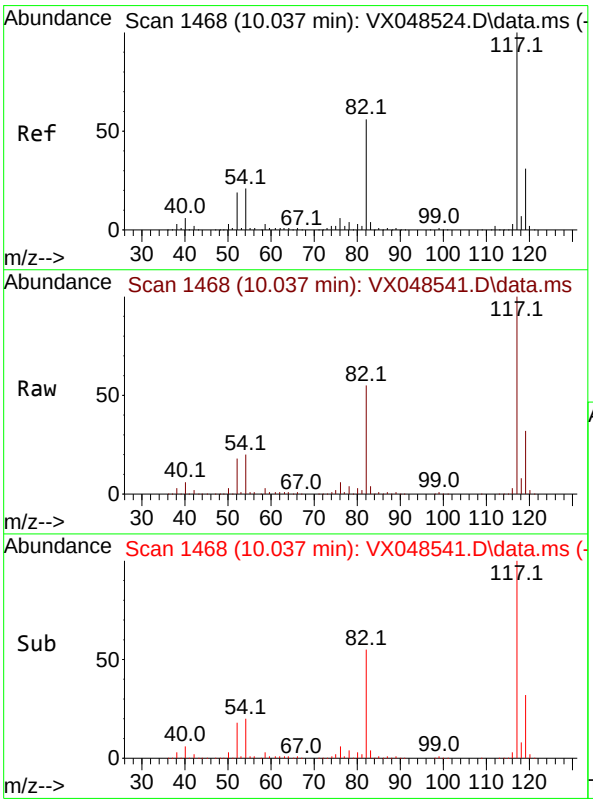
#62
4-Bromofluorobenzene
Concen: 56.105 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion: 95 Resp: 178249

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.8
176	77.1	0.0	153.6

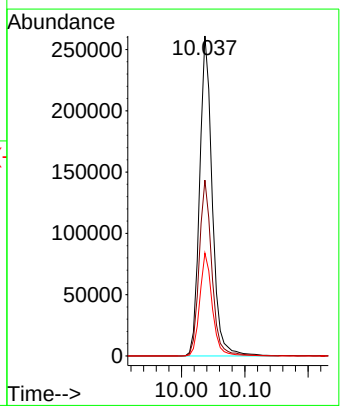


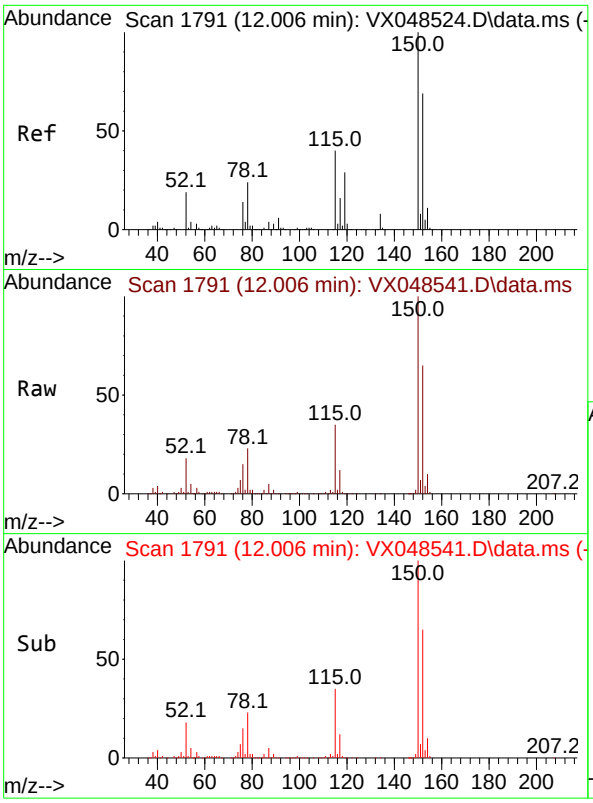


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion:117 Resp: 362263

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	32.1	25.1	37.7



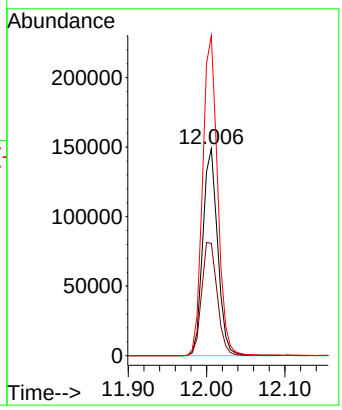


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 195935

Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.2	117.6
150	156.0	0.0	347.0



Sample Results: **VX048541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-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: VX048541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.508	62	69	75	rBV	13636	20074	1.77%	0.317%
2	2.514	228	234	244	rBV	20200	42253	3.72%	0.667%
3	4.538	553	566	580	rBV2	17051	65626	5.78%	1.036%
4	5.373	692	703	720	rBV2	119529	393424	34.66%	6.214%
5	5.538	720	730	744	rVV	164963	498493	43.92%	7.873%
6	5.940	787	796	816	rBV	126204	379877	33.47%	6.000%
7	6.745	917	928	952	rBV	304594	810569	71.41%	12.802%
8	8.635	1231	1238	1256	rBV	644038	1070927	94.35%	16.914%
9	10.037	1462	1468	1486	rBV	770752	1075535	94.75%	16.987%
10	11.067	1631	1637	1651	rBV	593281	839756	73.98%	13.263%
11	12.006	1785	1791	1803	rBV	829654	1135077	100.00%	17.927%

Sum of corrected areas: 6331611

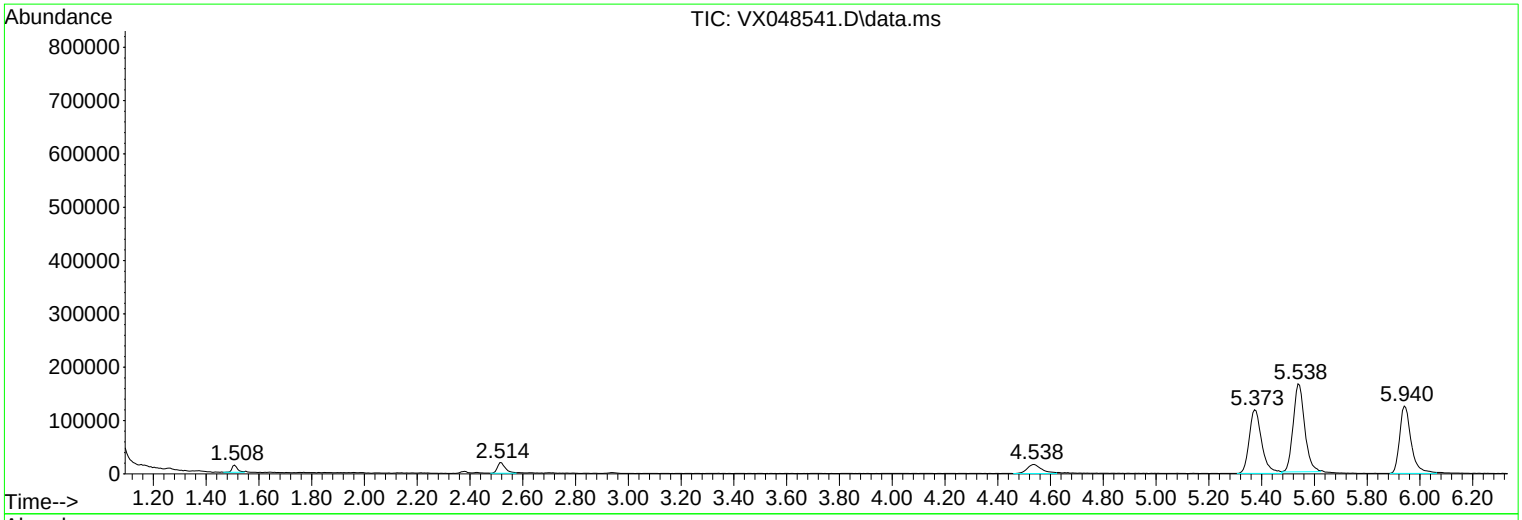
Sample Results: **VX048541.D**

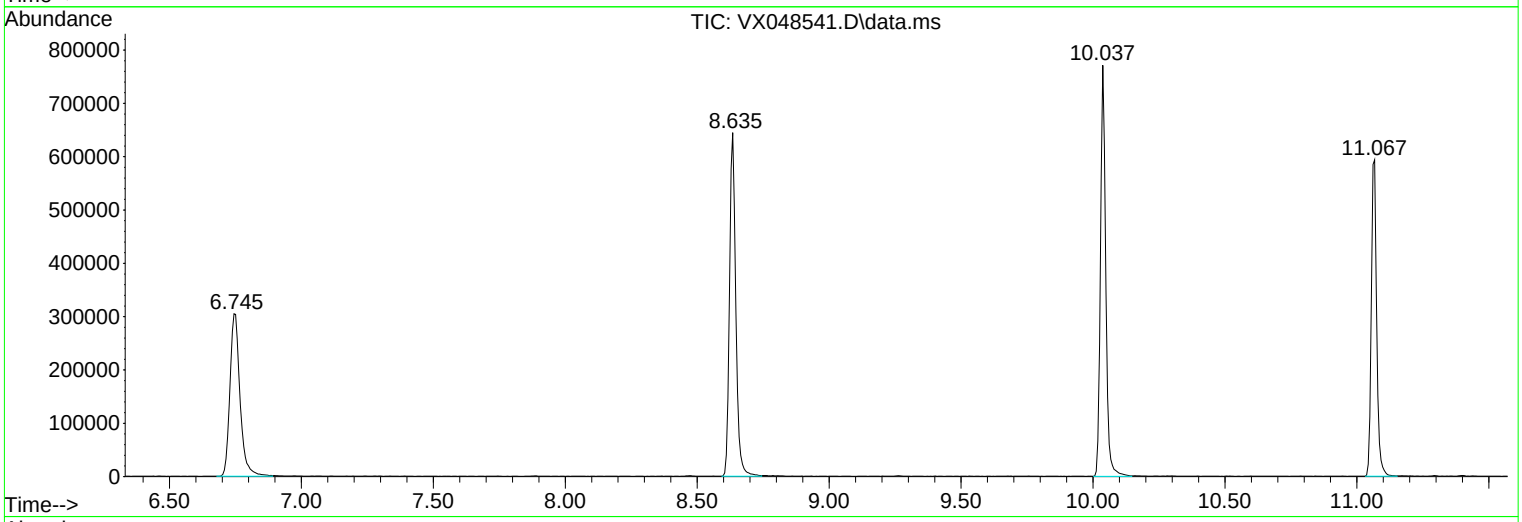
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

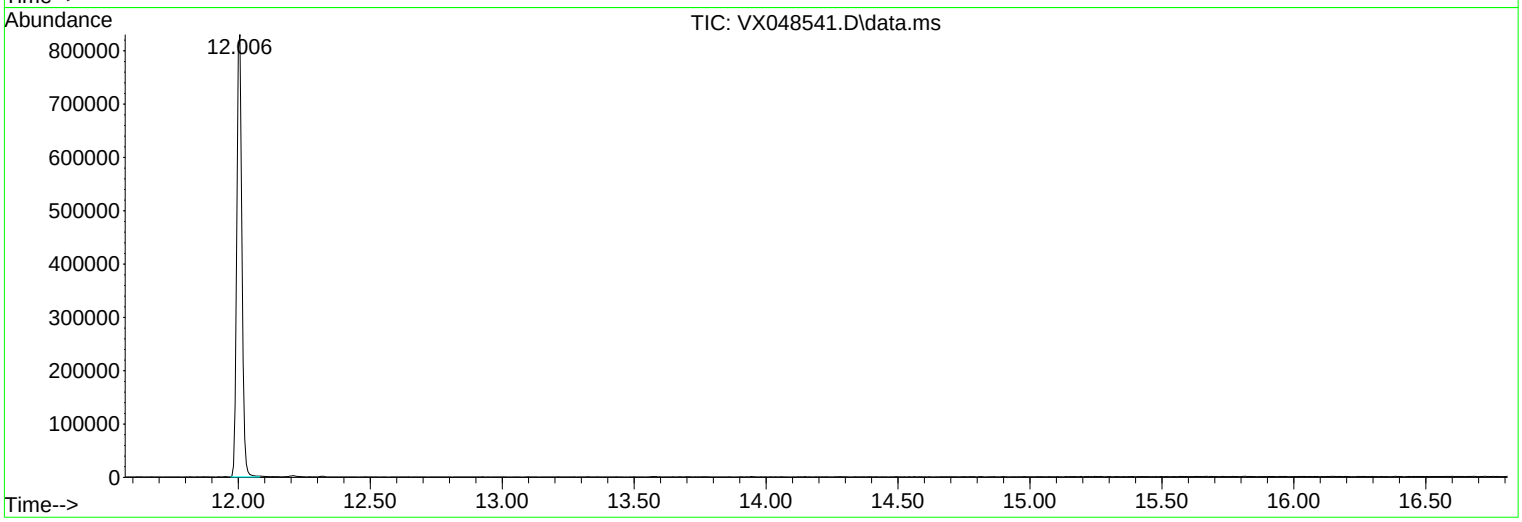
Instrument :
MSVOA_X
ClientSampleId :
SW-2

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 : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-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 : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-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 : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Time: Nov 11 00:48:24 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

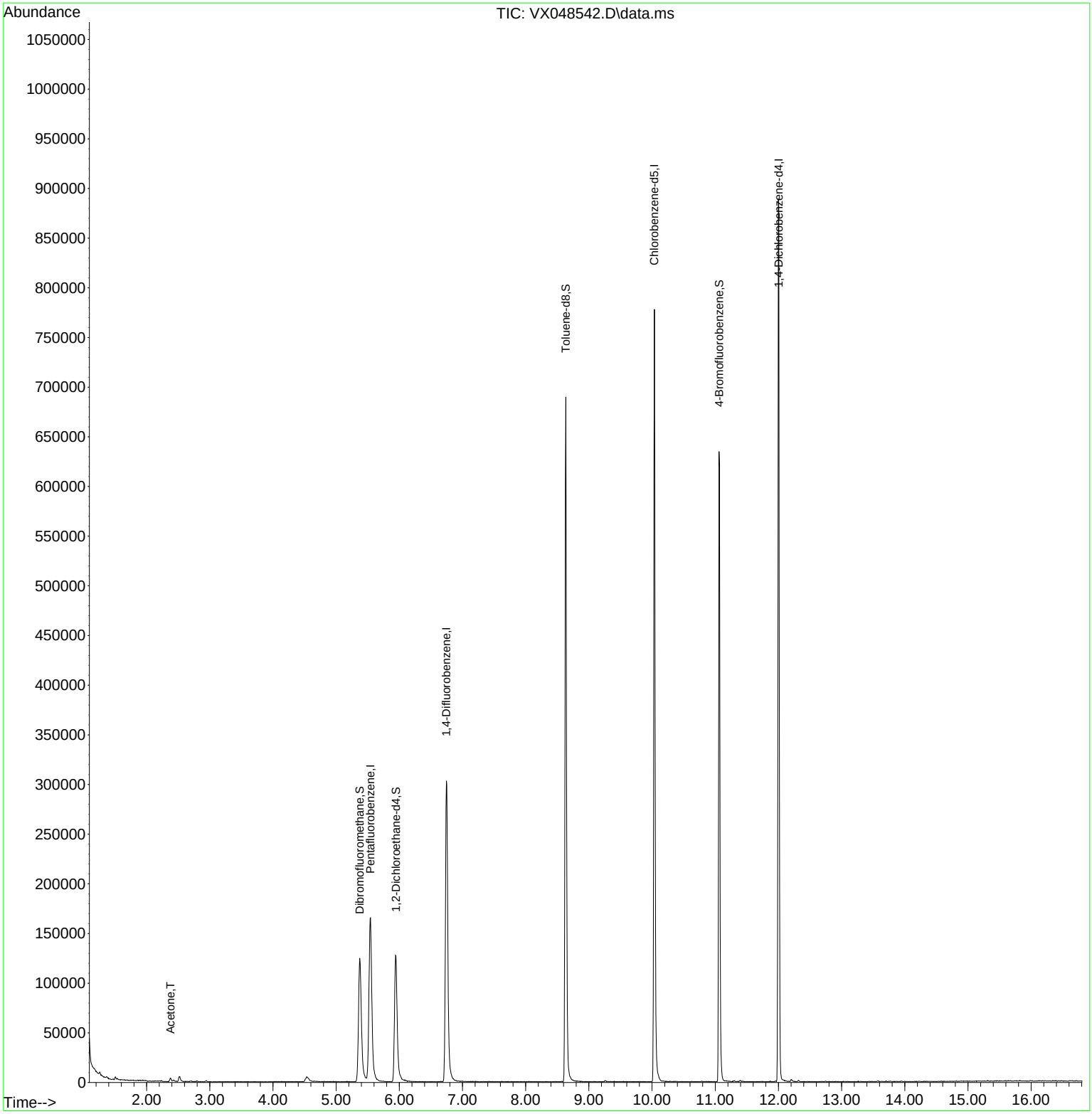
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	181183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	361304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	386173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	204501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	139812	55.379	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.760%			
35) Dibromofluoromethane	5.373	113	126065	46.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.200%			
50) Toluene-d8	8.635	98	437742	51.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.061	95	188975	59.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.920%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4639	3.882	ug/l	98

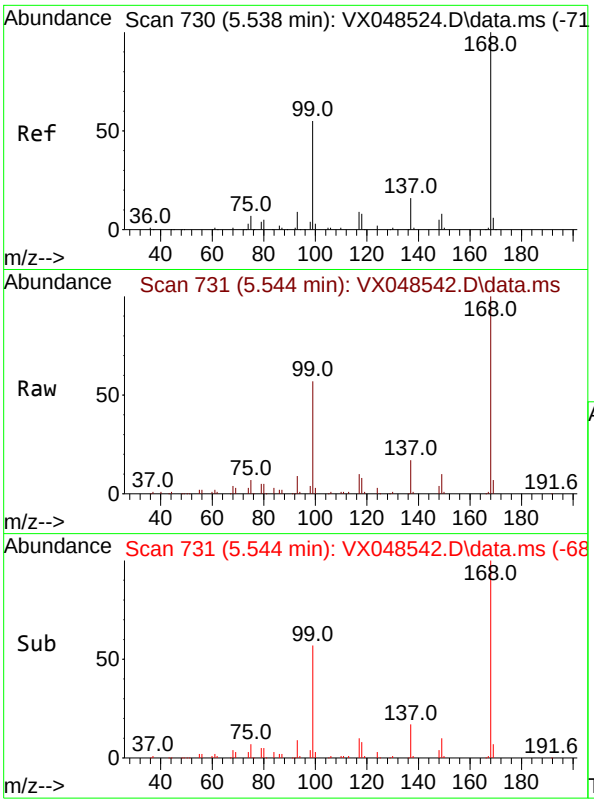
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Time: Nov 11 00:48:24 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



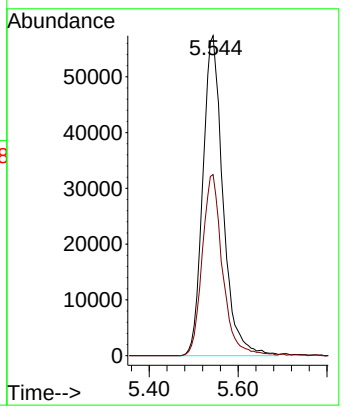


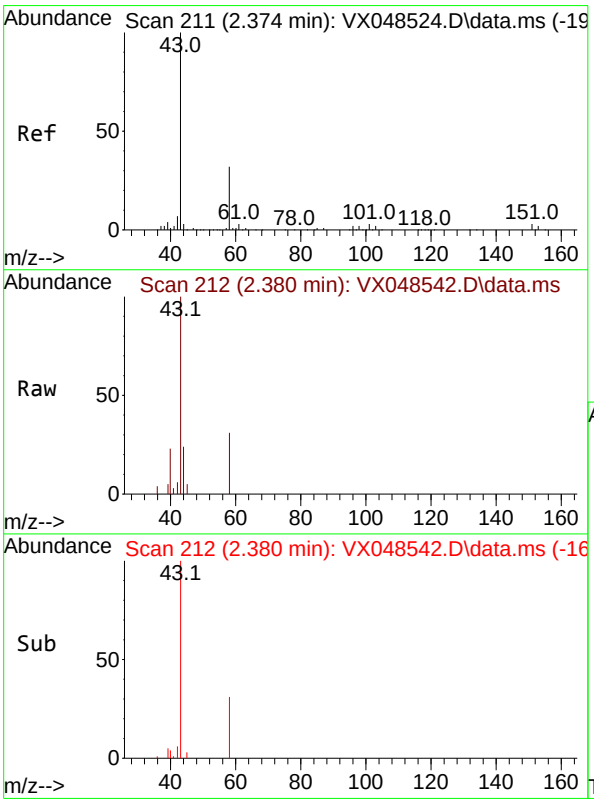
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:168 Resp: 181183

Ion	Ratio	Lower	Upper
168	100		
99	56.6	45.2	67.8

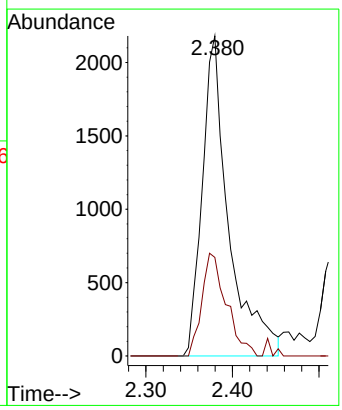


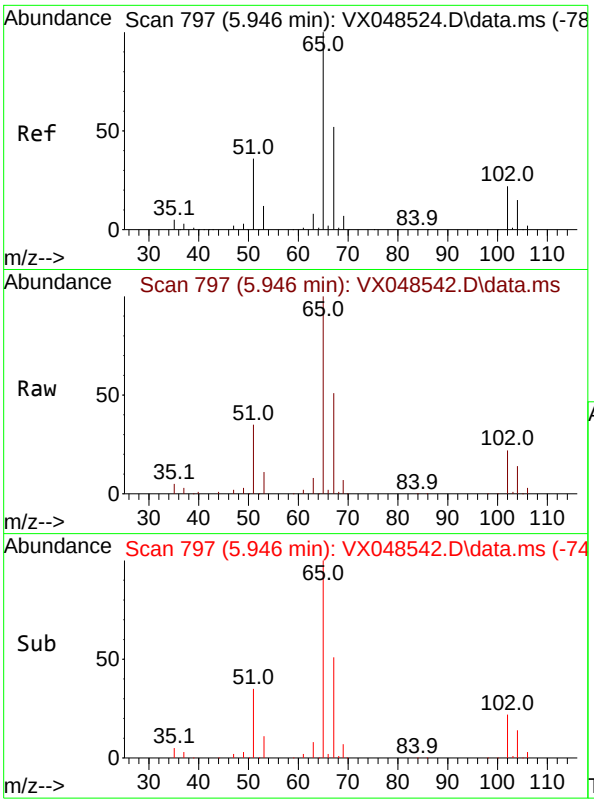


#16
Acetone
Concen: 3.882 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 43 Resp: 4639

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6



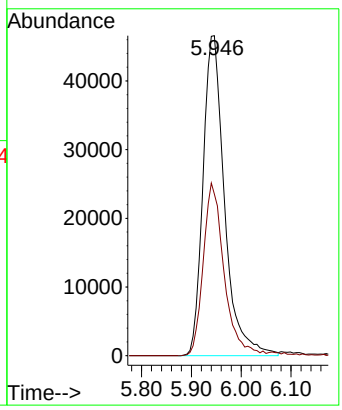


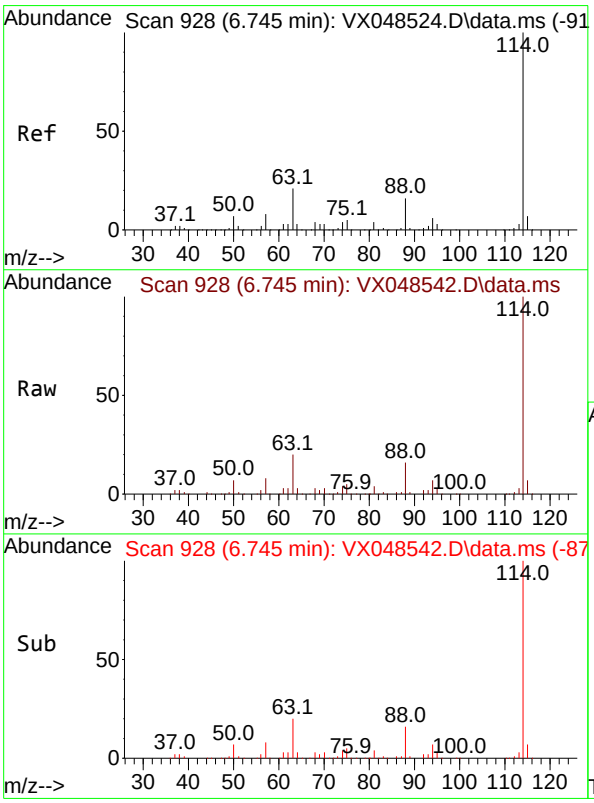
#33
1,2-Dichloroethane-d4
Concen: 55.379 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion: 65 Resp: 139812

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2

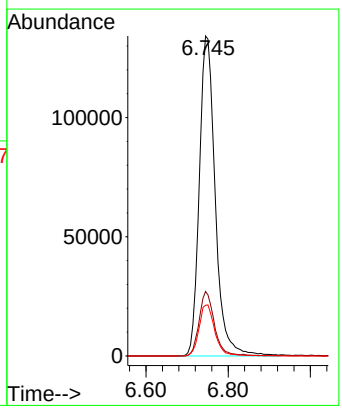


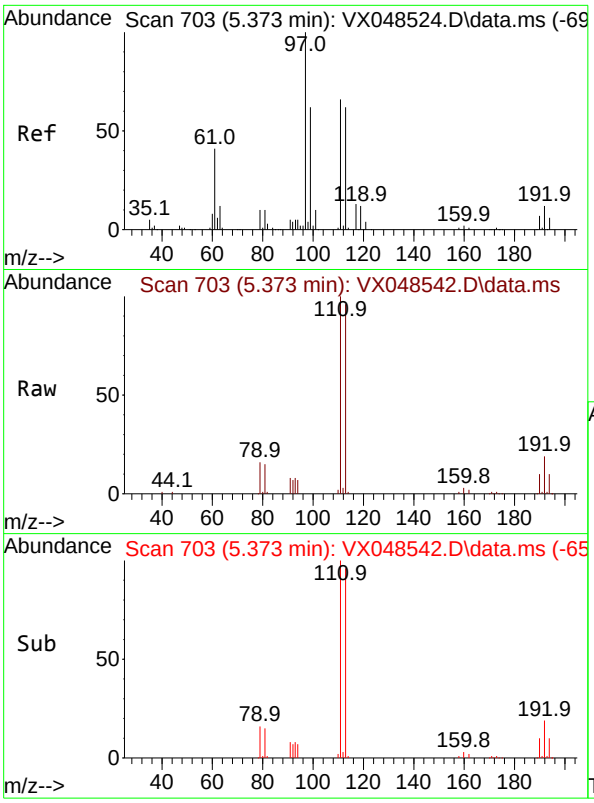


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion:114 Resp: 361304

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	15.9	0.0	32.2



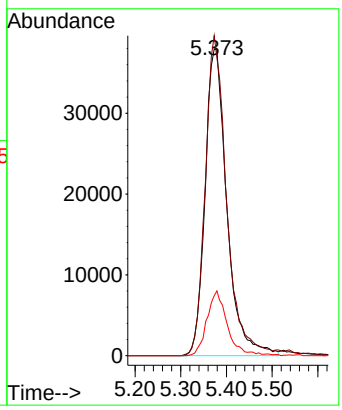


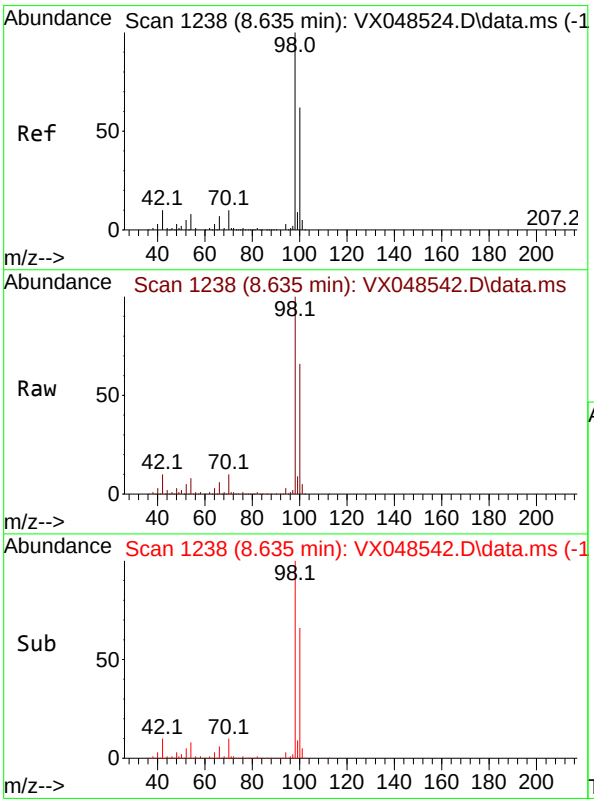
#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:113 Resp: 126065

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.8	15.8	23.6

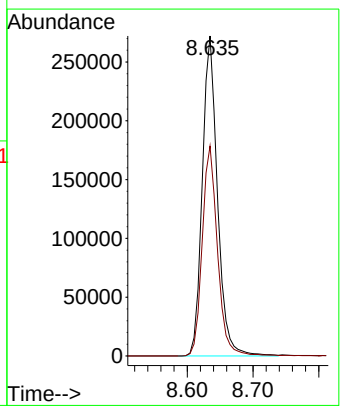


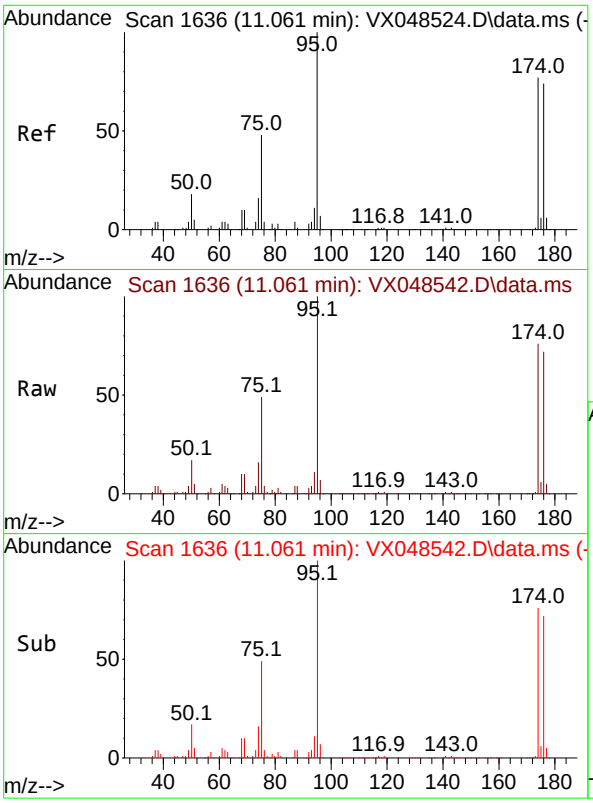


#50
Toluene-d8
Concen: 51.326 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 98 Resp: 437742

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.6	80.4



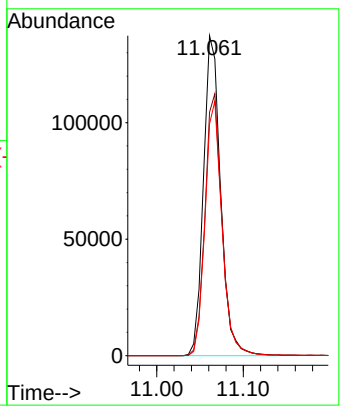


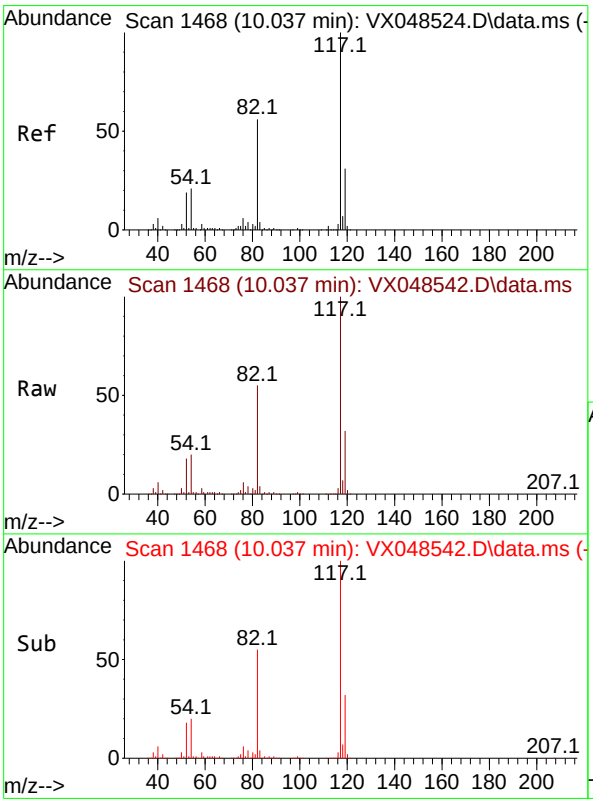
#62
4-Bromofluorobenzene
Concen: 59.457 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion: 95 Resp: 188975

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	161.8
176	79.1	0.0	153.6

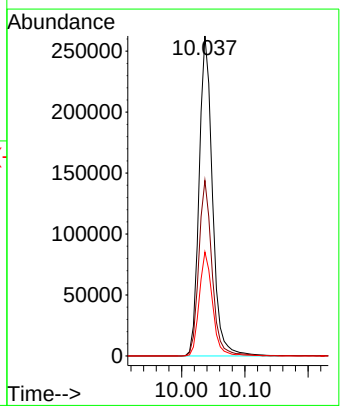


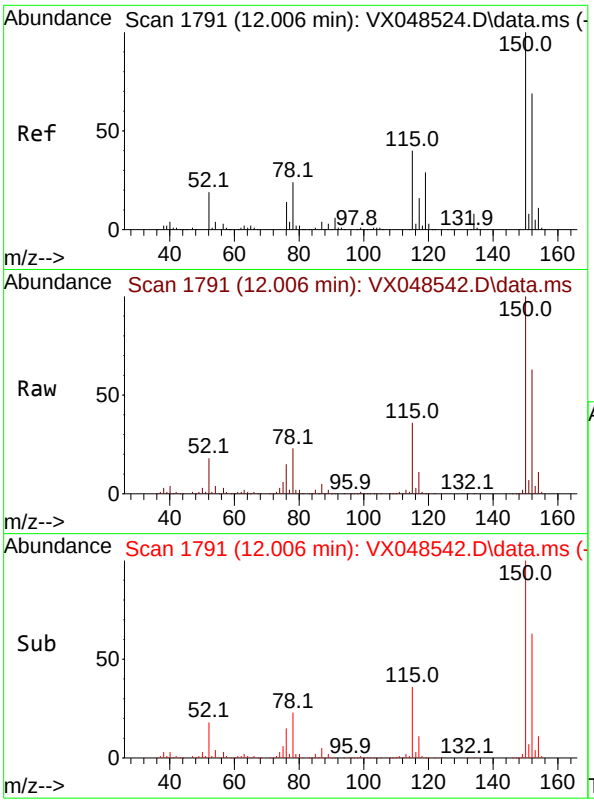


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion:117 Resp: 386173

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	32.5	25.1	37.7



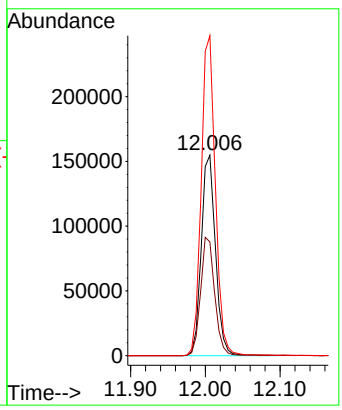


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:152 Resp: 204501

Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.2	117.6
150	158.8	0.0	347.0



Sample Results: **VX048542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

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

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

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

Signal : TIC: VX048542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.538	556	566	575	rBV2	4965	17408	1.45%	0.268%
2	5.373	692	703	720	rBV2	124289	400455	33.46%	6.176%
3	5.544	720	731	747	rVB	162785	508509	42.48%	7.842%
4	5.940	785	796	819	rBV	127338	386023	32.25%	5.953%
5	6.745	919	928	951	rBV	302898	812002	67.84%	12.523%
6	8.635	1231	1238	1255	rBV	689407	1126932	94.15%	17.380%
7	10.037	1462	1468	1488	rBV	777291	1140084	95.25%	17.583%
8	11.061	1631	1636	1650	rBV	634462	895826	74.84%	13.816%
9	12.000	1785	1790	1802	rBV	888627	1196919	100.00%	18.459%

Sum of corrected areas: 6484158

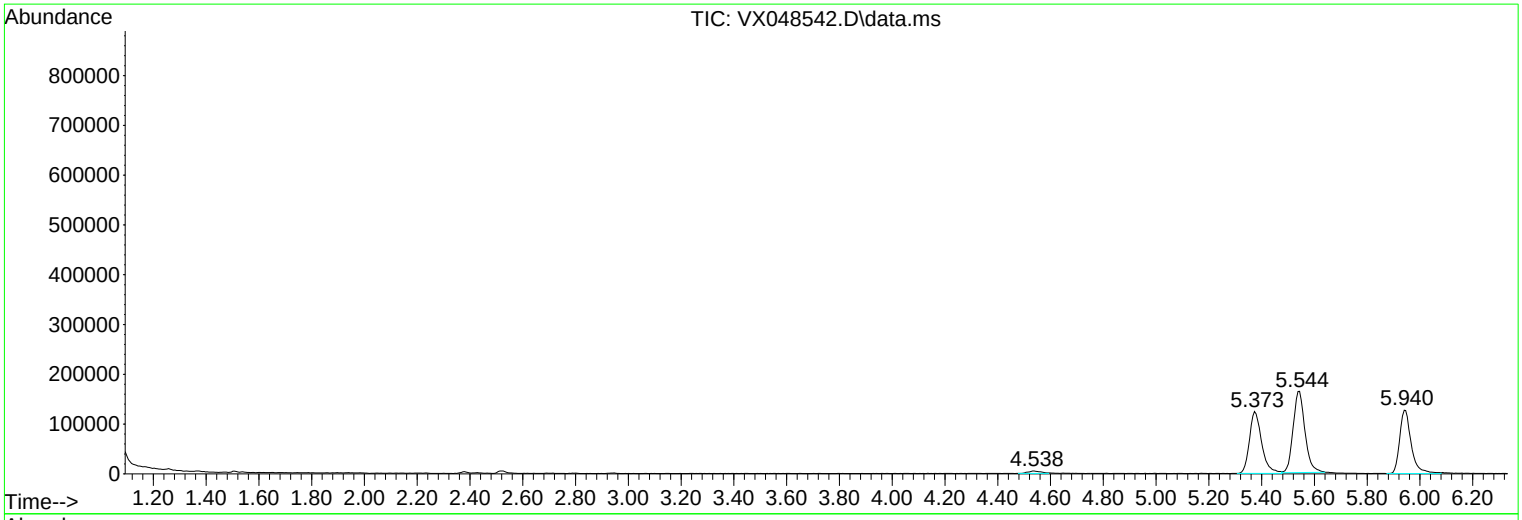
Sample Results: **VX048542.D**

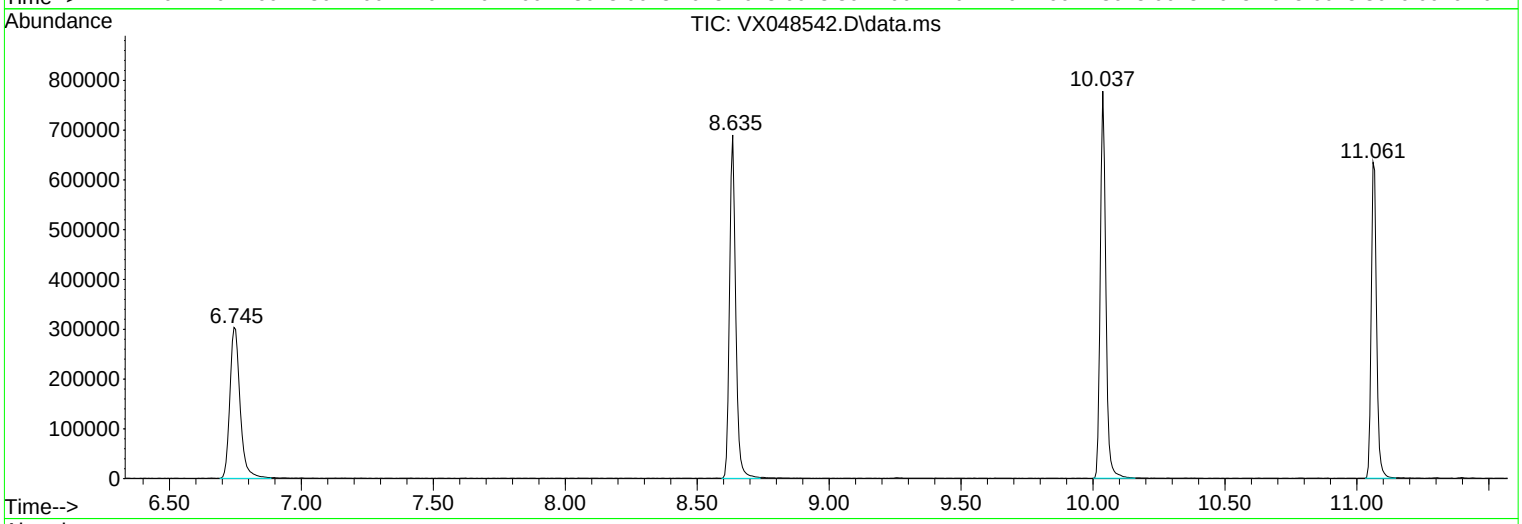
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

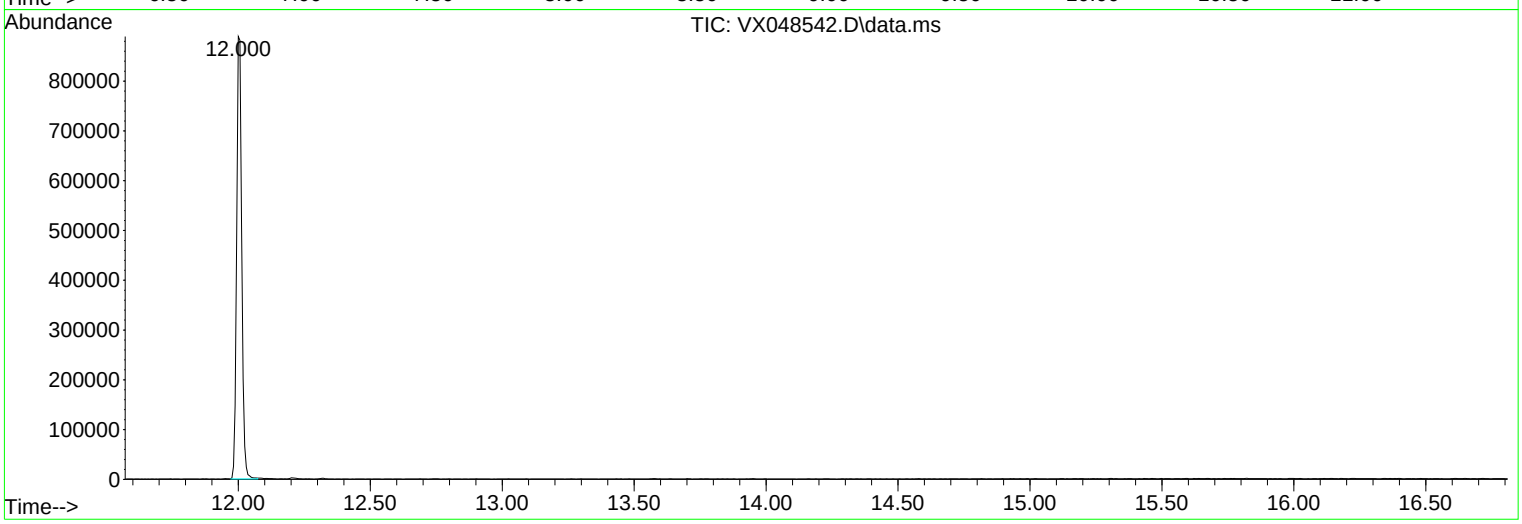
Instrument :
MSVOA_X
ClientSampleId :
SW-3

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: **VX048542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

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 : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

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 : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Time: Nov 12 04:44:02 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

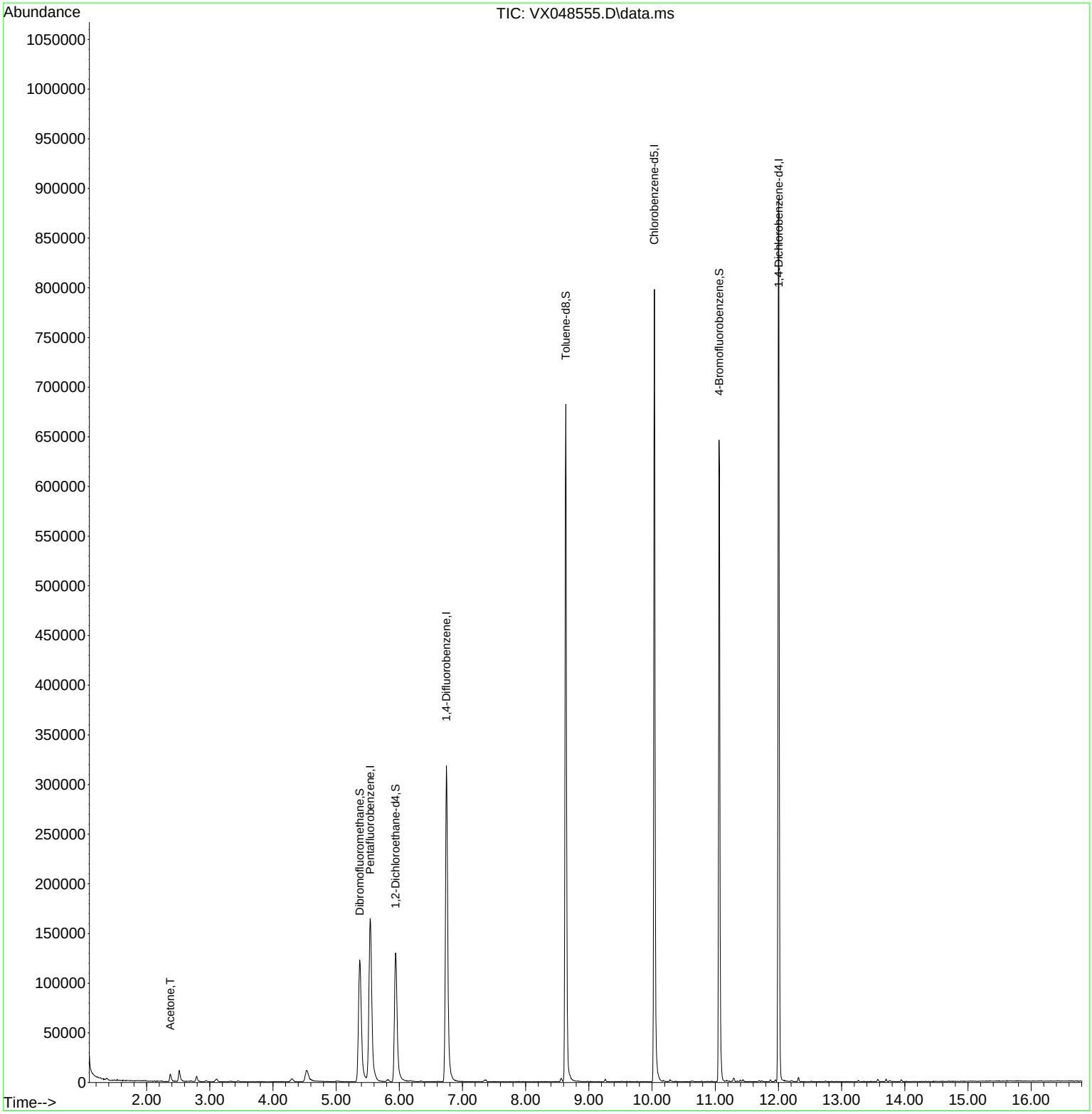
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	180349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	362115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	387054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142446	56.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.360%			
35) Dibromofluoromethane	5.373	113	126313	46.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.180%			
50) Toluene-d8	8.635	98	439077	51.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.740%			
62) 4-Bromofluorobenzene	11.061	95	191335	60.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.120%			
Target Compounds						Qvalue
16) Acetone	2.373	43	9784	8.225	ug/l	96

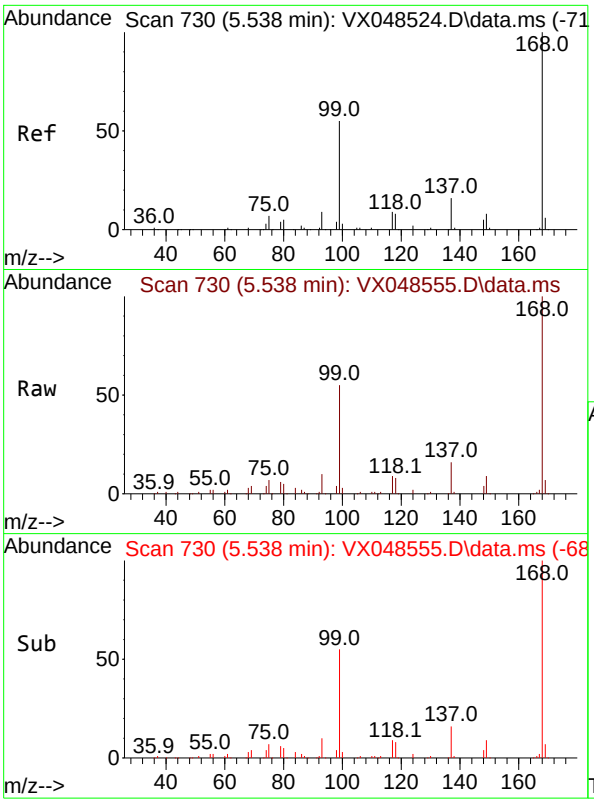
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Time: Nov 12 04:44:02 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



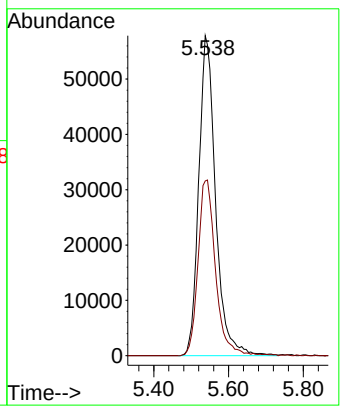


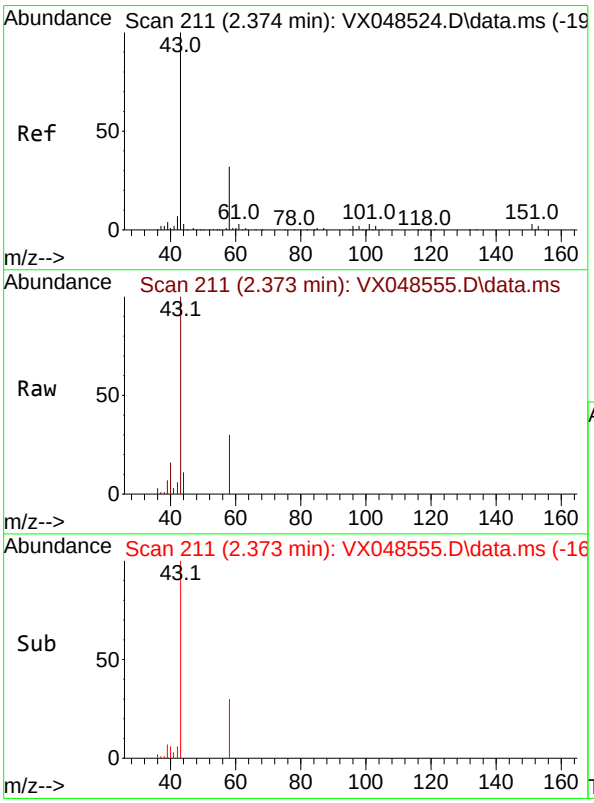
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:168 Resp: 180349

Ion	Ratio	Lower	Upper
168	100		
99	54.6	45.2	67.8

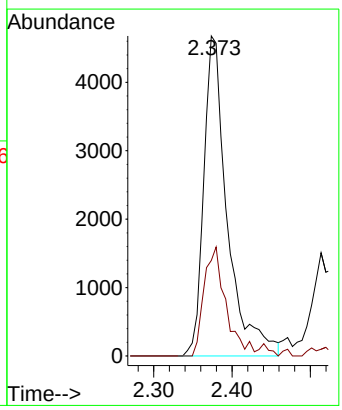


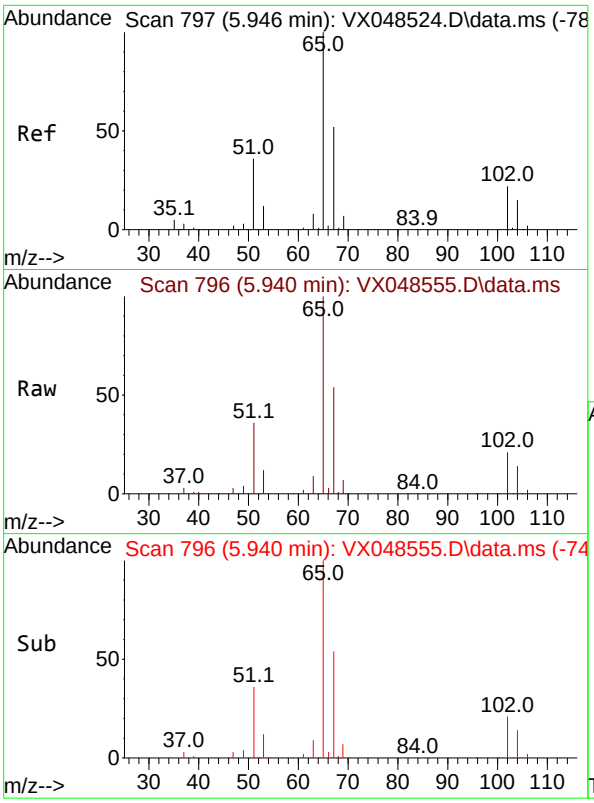


#16
Acetone
Concen: 8.225 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 43 Resp: 9784

Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.8	38.6



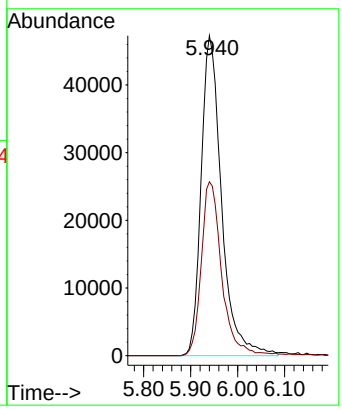


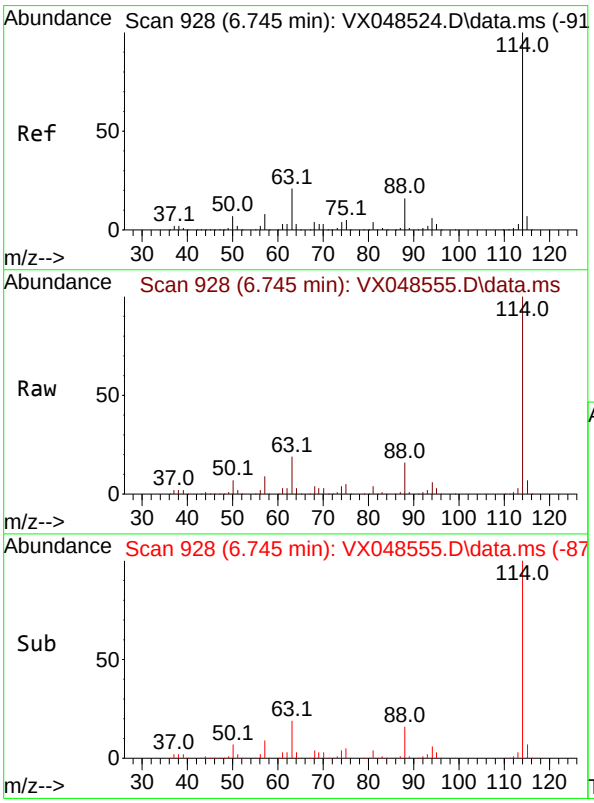
#33
1,2-Dichloroethane-d4
Concen: 56.683 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion: 65 Resp: 142446

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.2

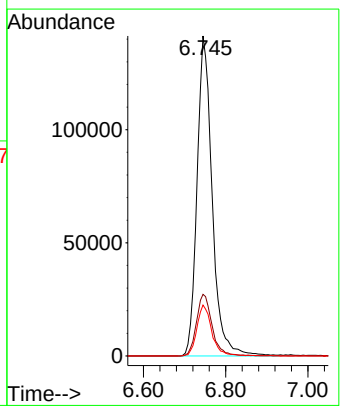


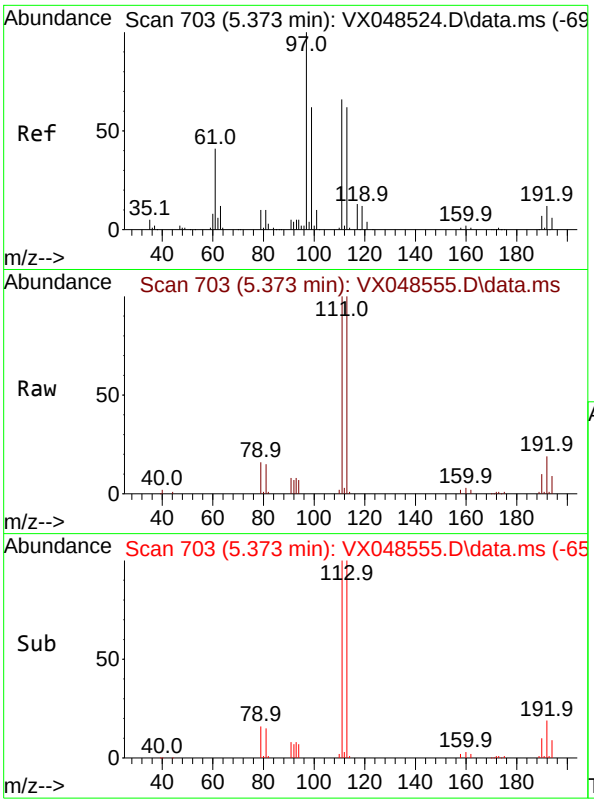


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:114 Resp: 362115

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



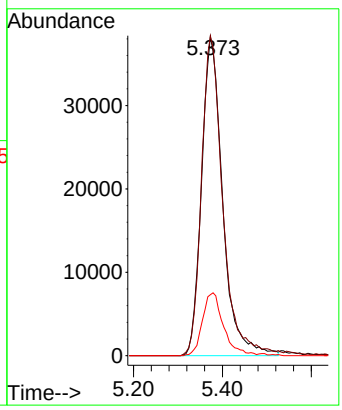


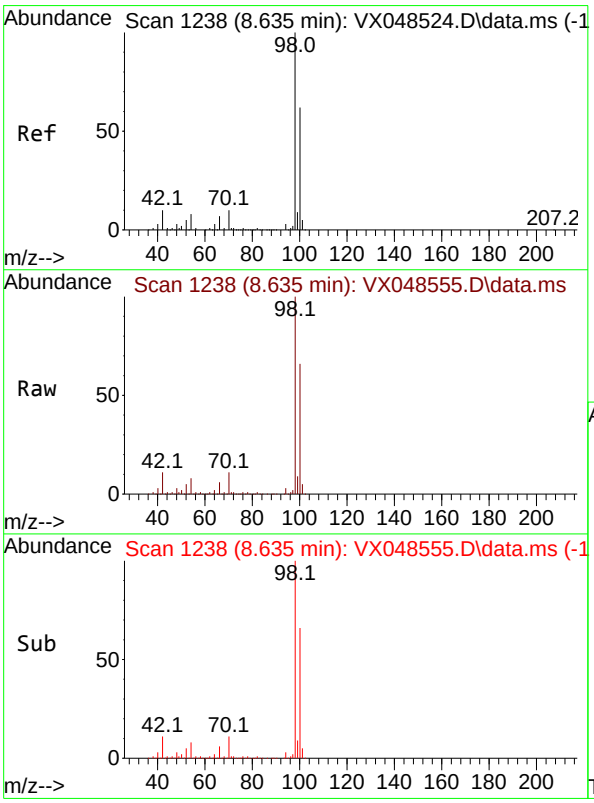
#35
Dibromofluoromethane
Concen: 46.088 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:113 Resp: 126313

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	19.6	15.8	23.6

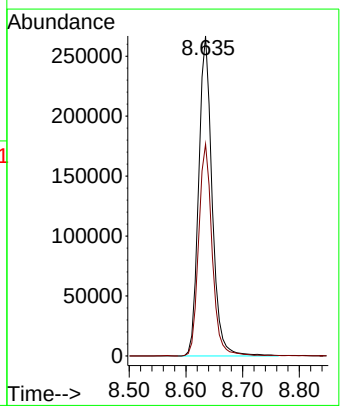


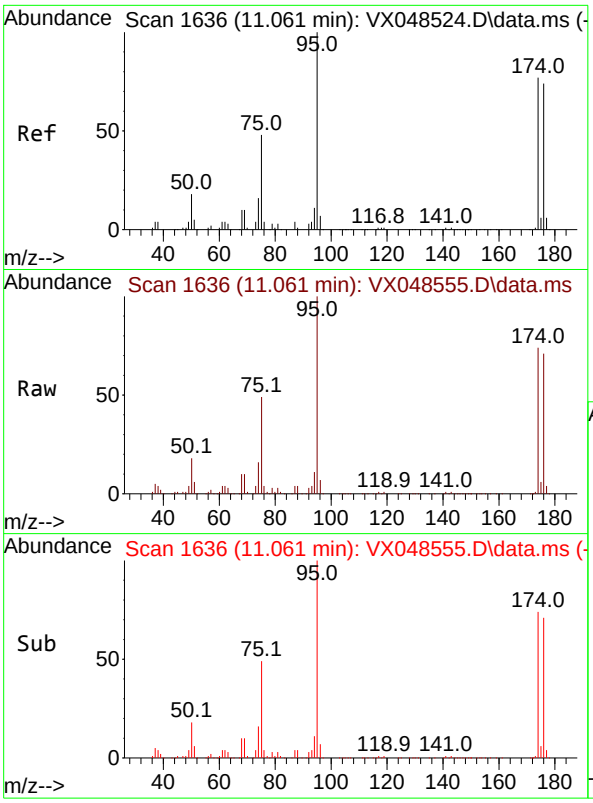


#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 98 Resp: 439077

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4



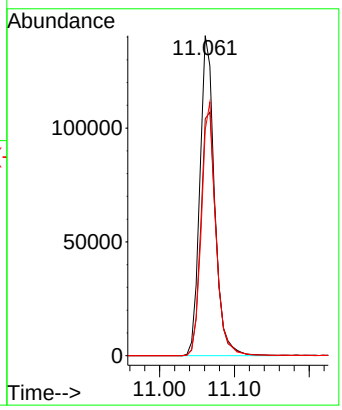


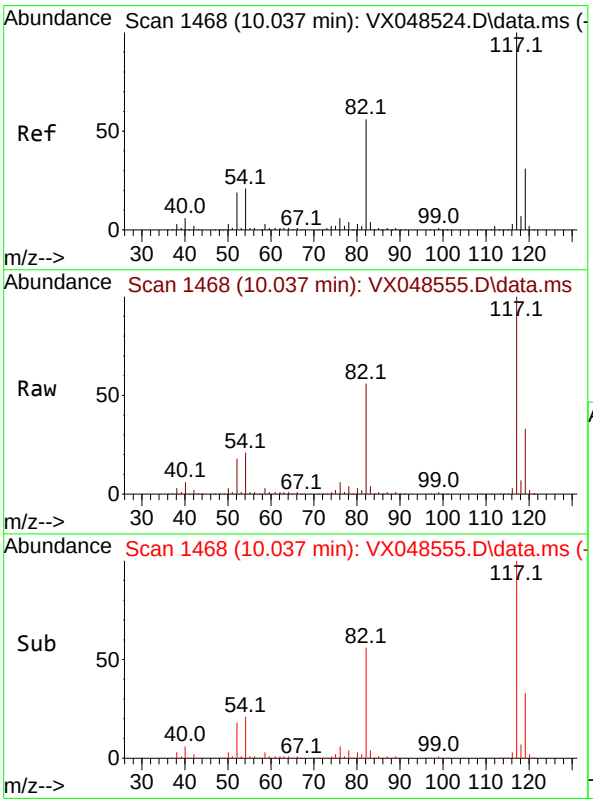
#62
4-Bromofluorobenzene
Concen: 60.064 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion: 95 Resp: 191335

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	161.8
176	77.7	0.0	153.6

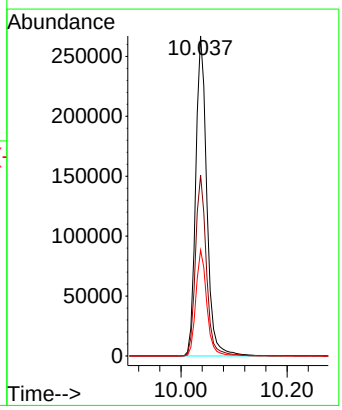


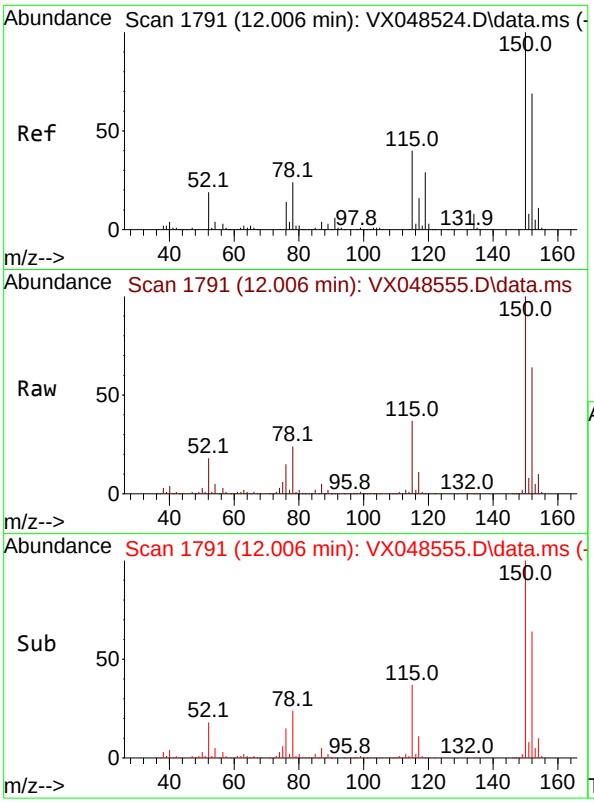


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:117 Resp: 387054

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.4	66.6
119	33.1	25.1	37.7



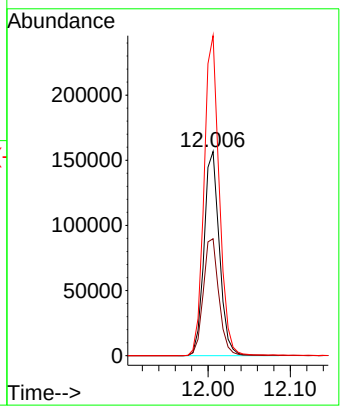


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 202689

Ion	Ratio	Lower	Upper
152	100		
115	58.3	39.2	117.6
150	156.5	0.0	347.0



Sample Results: **VX048555.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-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: VX048555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.373	205	211	218	rBV	7471	14267	1.20%	0.216%
2	2.514	228	234	243	rBV	10980	22475	1.90%	0.340%
3	4.532	556	565	578	rBV2	11269	42779	3.61%	0.647%
4	5.373	690	703	719	rBV2	122844	401334	33.85%	6.073%
5	5.538	720	730	755	rVB	163783	527237	44.47%	7.978%
6	5.940	786	796	822	rBV2	129941	397897	33.56%	6.021%
7	6.745	919	928	950	rBV	318155	820551	69.21%	12.417%
8	8.635	1231	1238	1258	rBV	681830	1142810	96.39%	17.293%
9	10.037	1462	1468	1486	rBV	797753	1154526	97.37%	17.471%
10	11.061	1631	1636	1650	rBV	645793	898810	75.81%	13.601%
11	12.006	1785	1791	1804	rBV	888491	1185664	100.00%	17.942%

Sum of corrected areas: 6608350

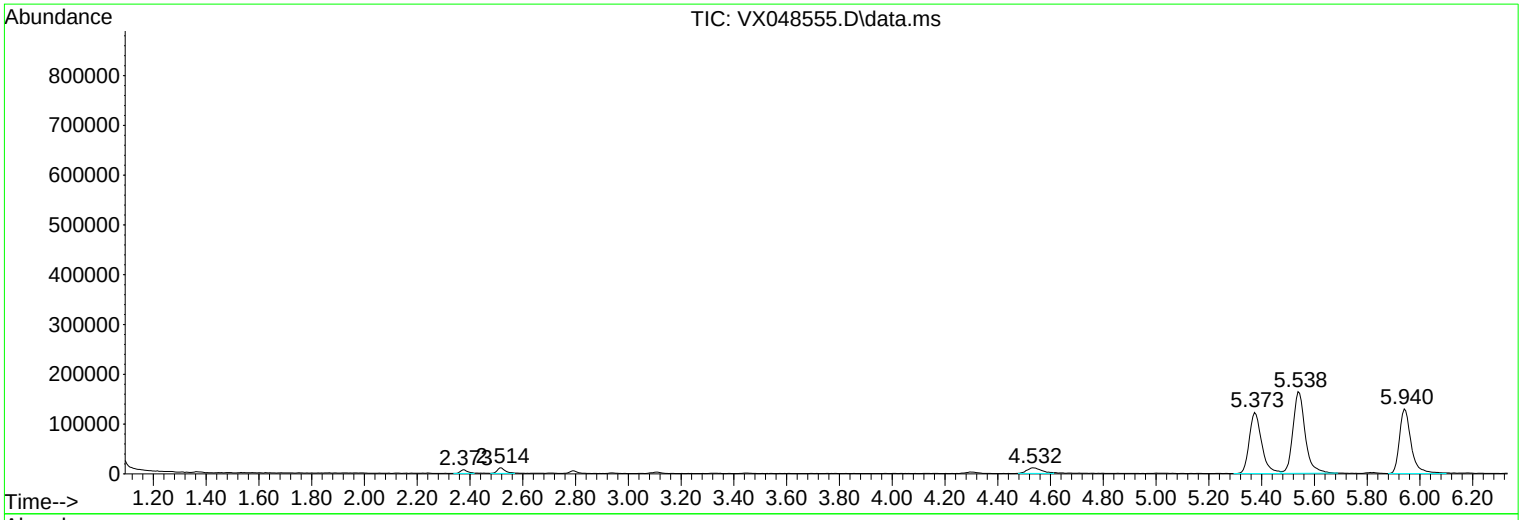
Sample Results: **VX048555.D**

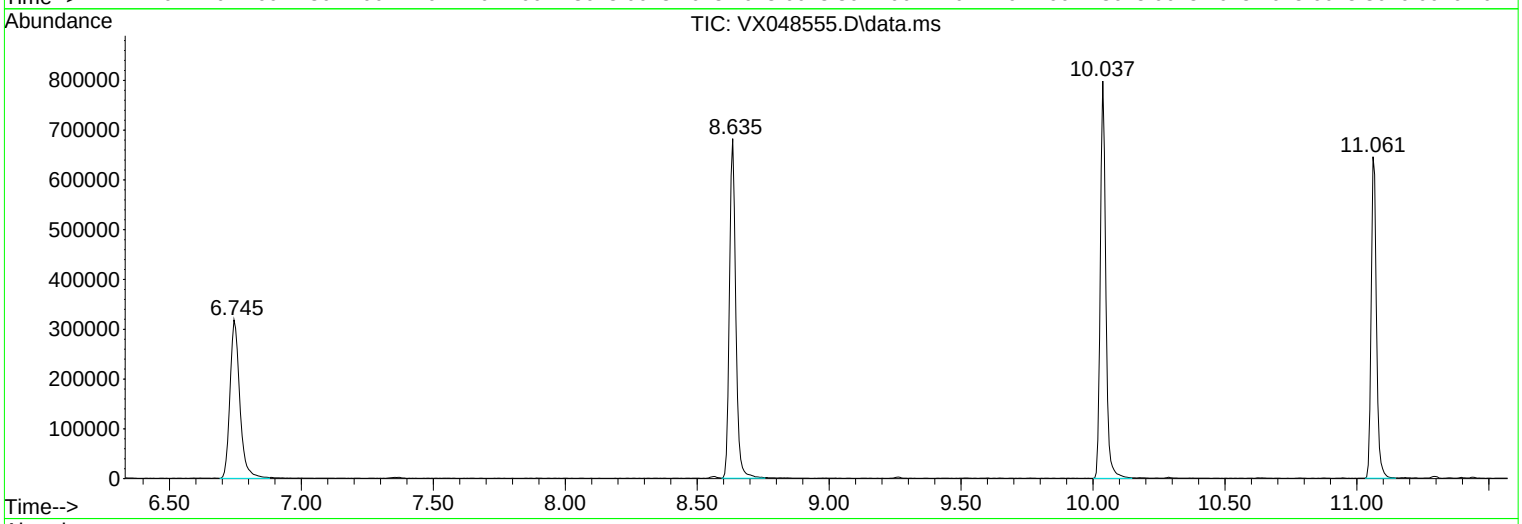
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

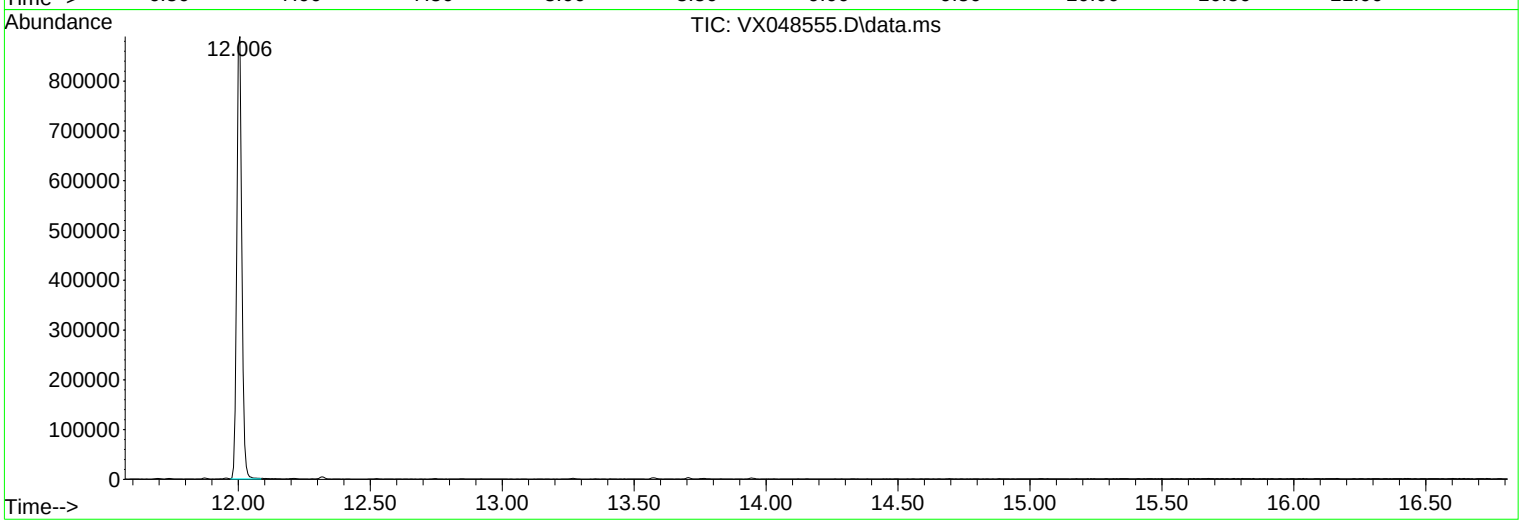
Instrument :
MSVOA_X
ClientSampleId :
EB-2

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\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-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\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-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 : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Time: Nov 11 00:47:11 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

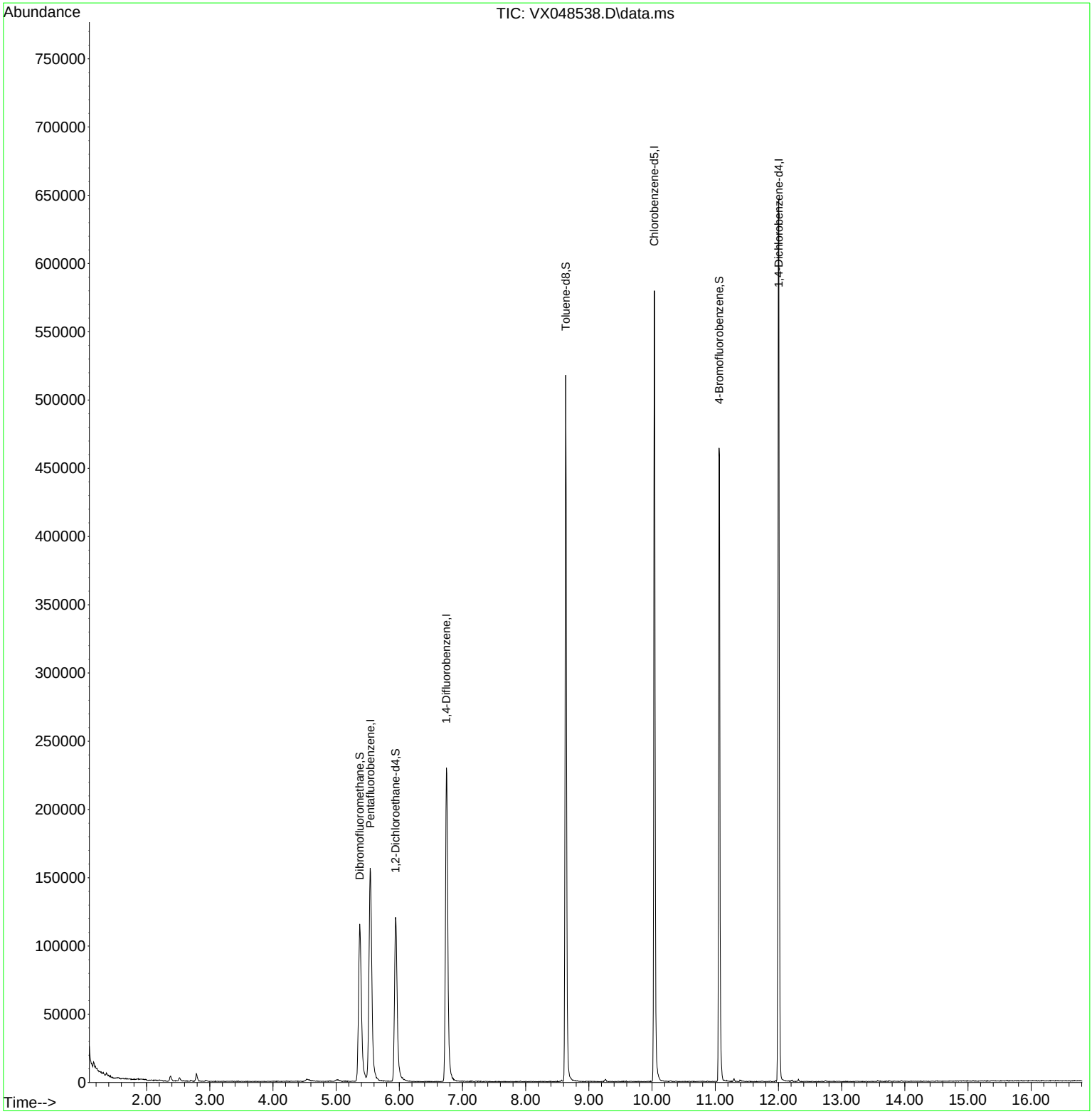
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	164671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	131909	57.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.980%			
35) Dibromofluoromethane	5.373	113	114044	59.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.700%			
50) Toluene-d8	8.634	98	309532	51.651	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.300%			
62) 4-Bromofluorobenzene	11.061	95	129291	57.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.780%			
Target Compounds						Qvalue

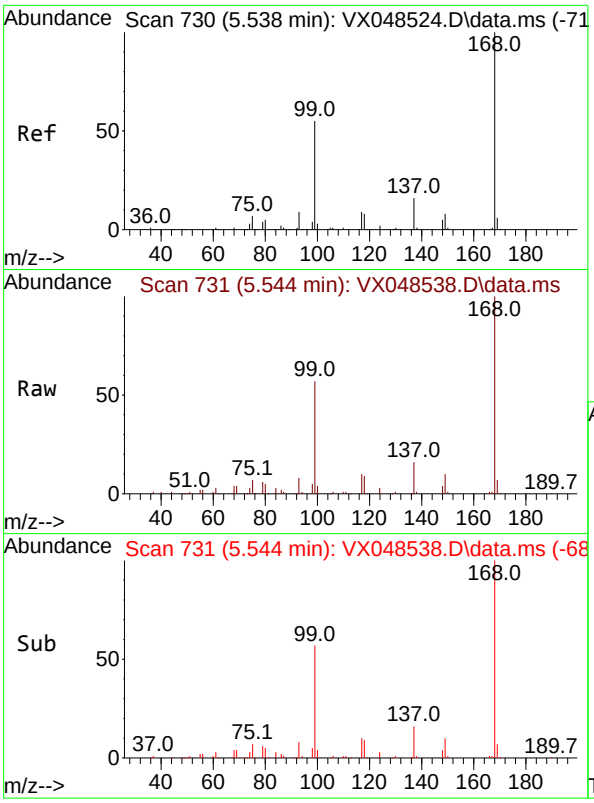
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Time: Nov 11 00:47:11 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



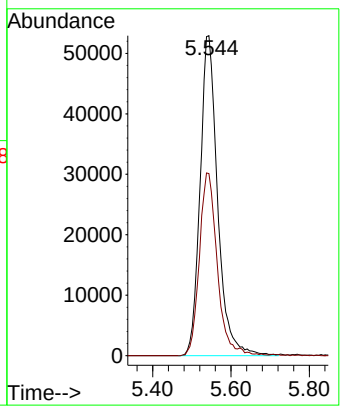


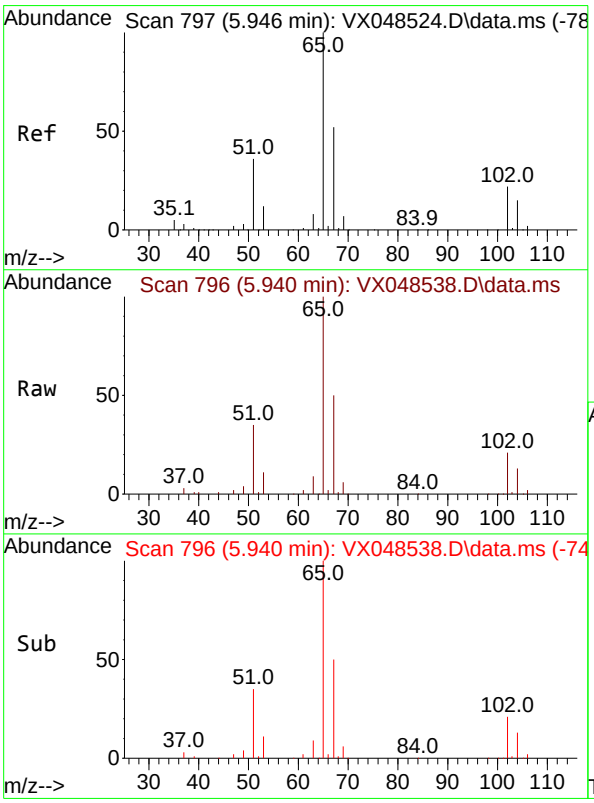
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:168 Resp: 164671

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.2	67.8

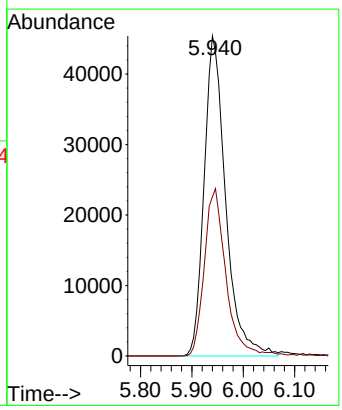


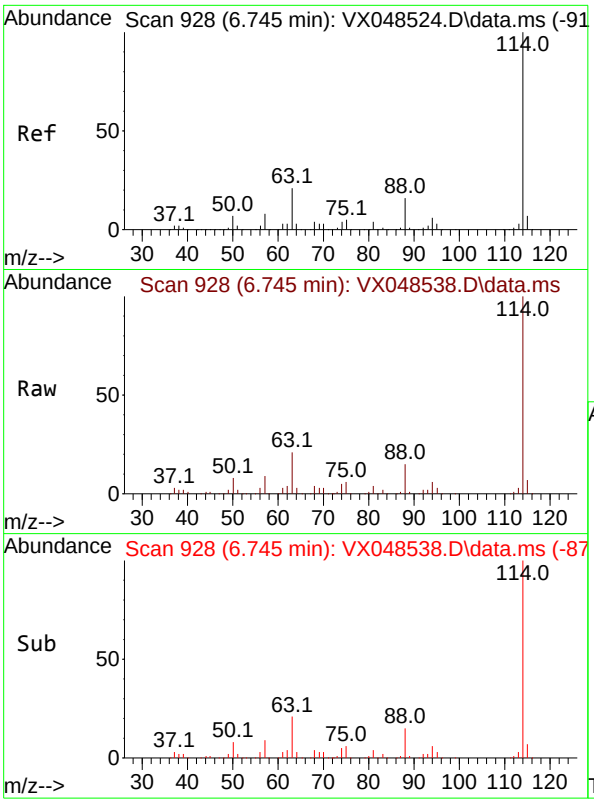


#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion: 65 Resp: 131909

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



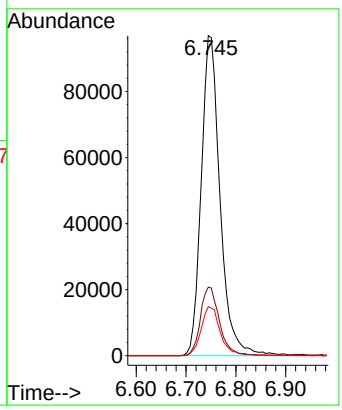


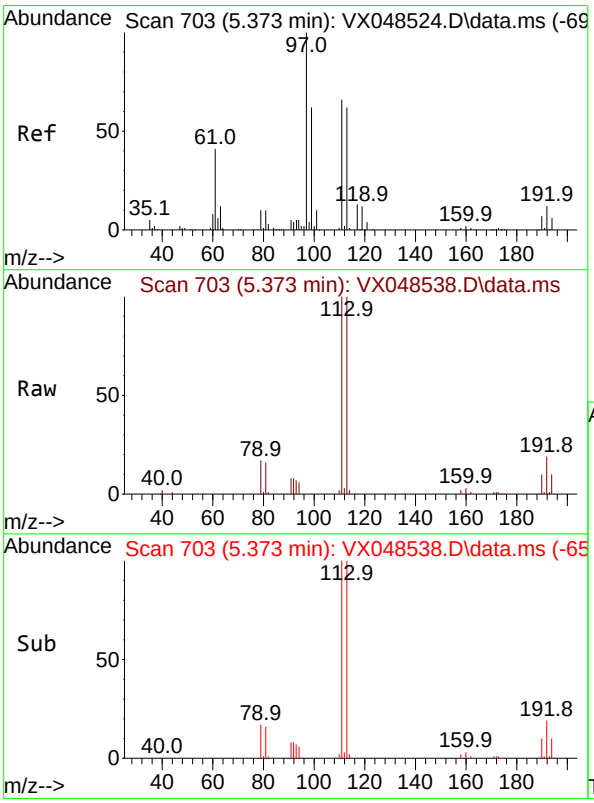
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:114 Resp: 253875

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.2
88	15.3	0.0	32.2

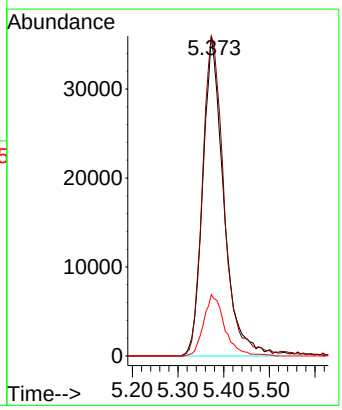


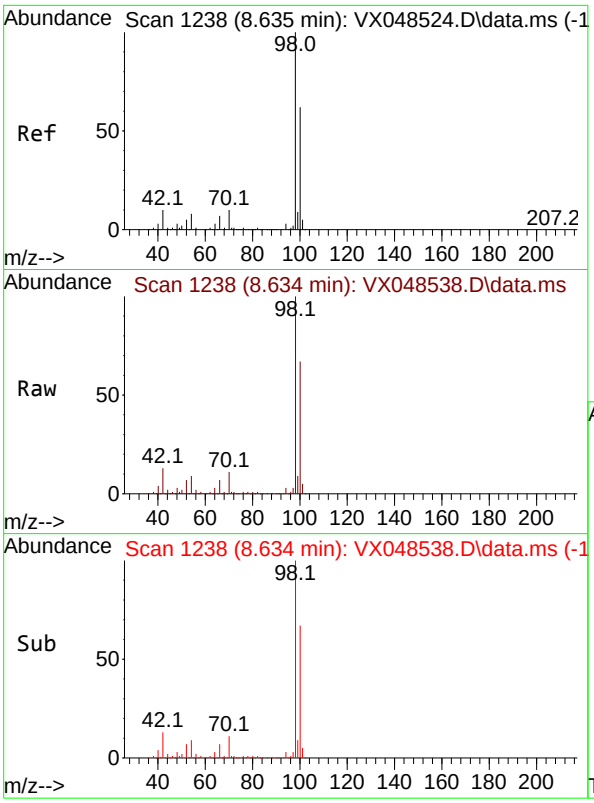


#35
Dibromofluoromethane
Concen: 59.352 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion:113 Resp: 114044

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	19.4	15.8	23.6



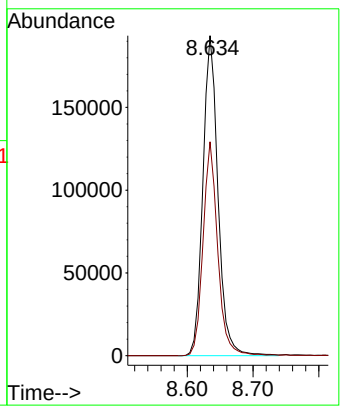


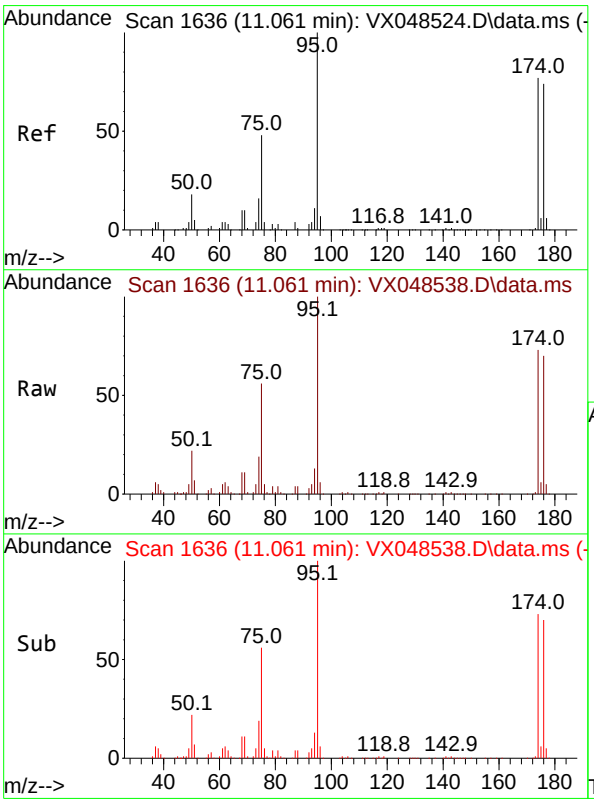
#50
Toluene-d8
Concen: 51.651 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion: 98 Resp: 309532

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.6	80.4

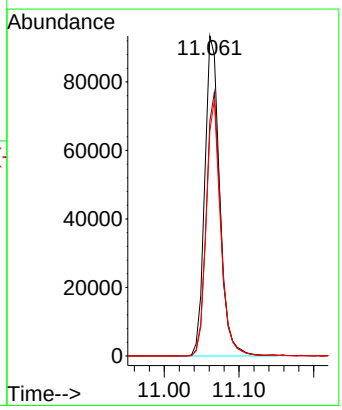


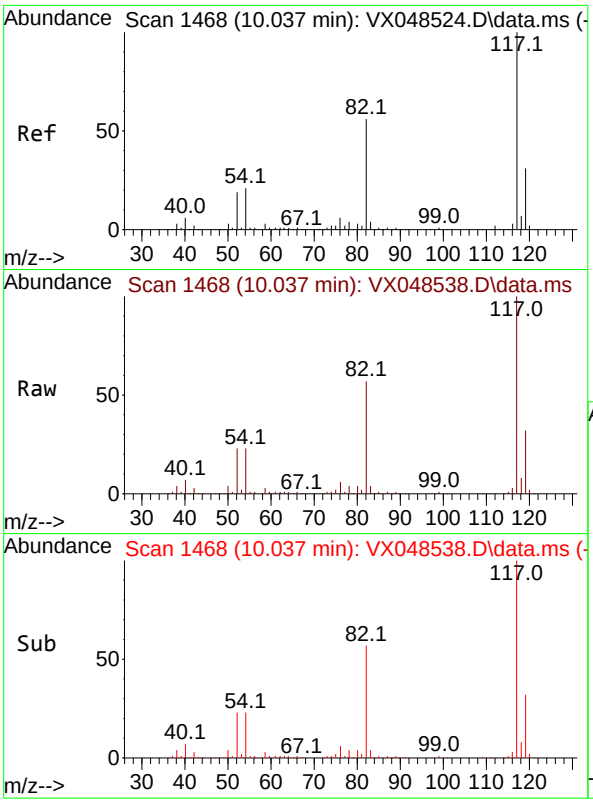


#62
4-Bromofluorobenzene
Concen: 57.892 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion: 95 Resp: 129291

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.8
176	77.0	0.0	153.6



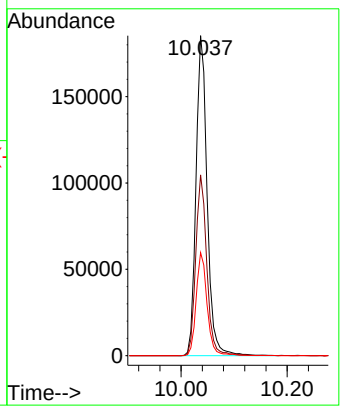


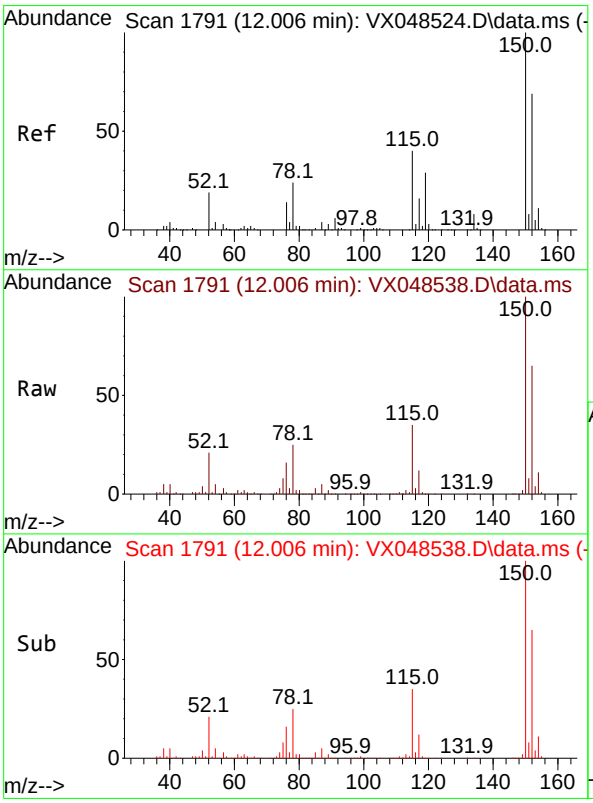
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:117 Resp: 270369

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.4	66.6
119	32.2	25.1	37.7

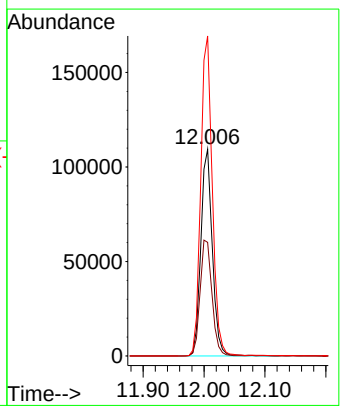




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion:152 Resp: 142954

Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.2	117.6
150	155.6	0.0	347.0



LSC Area Percent Report

Sample Results: **VX048538.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-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: VX048538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.788	274	279	286	rBV2	5539	9869	1.12%	0.196%
2	5.373	690	703	719	rBV	115380	367324	41.77%	7.299%
3	5.537	719	730	754	rVB	155607	487631	55.45%	9.689%
4	5.940	785	796	813	rBV	120165	355997	40.48%	7.074%
5	6.745	919	928	947	rBV	229773	600643	68.30%	11.935%
6	8.634	1231	1238	1255	rBV	517408	832036	94.62%	16.533%
7	10.037	1462	1468	1486	rBV	579393	847046	96.32%	16.831%
8	11.061	1631	1636	1647	rBV	463909	652670	74.22%	12.969%
9	12.006	1785	1791	1802	rBV	646562	879379	100.00%	17.474%

Sum of corrected areas: 5032595

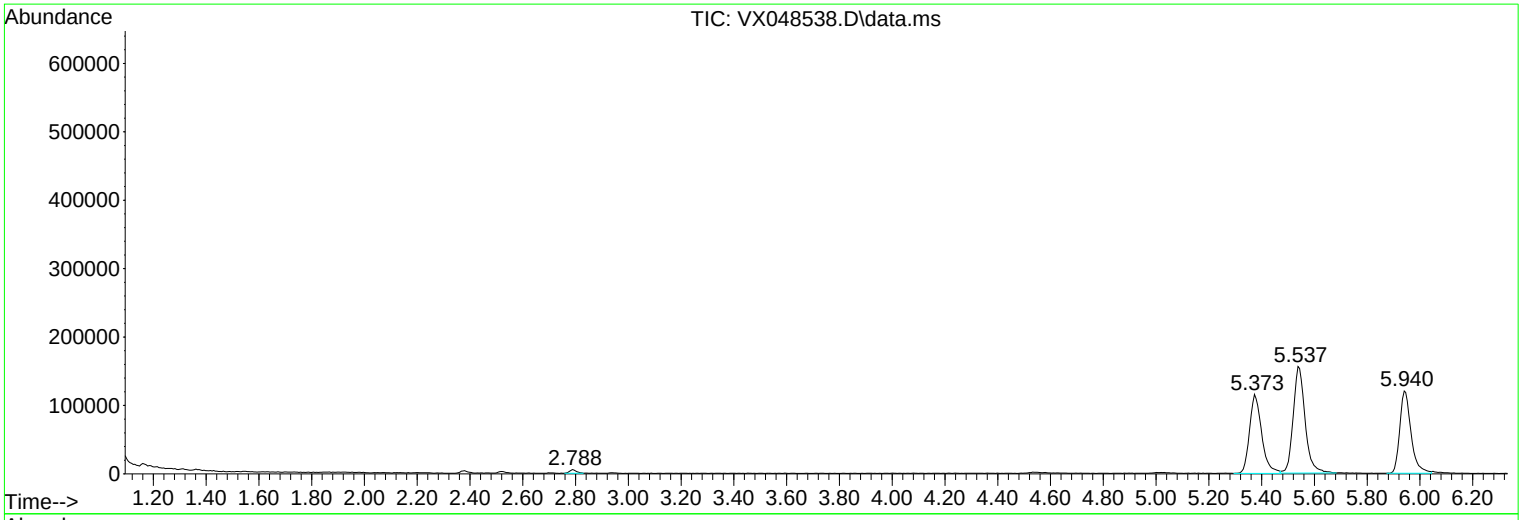
Sample Results: **VX048538.D**

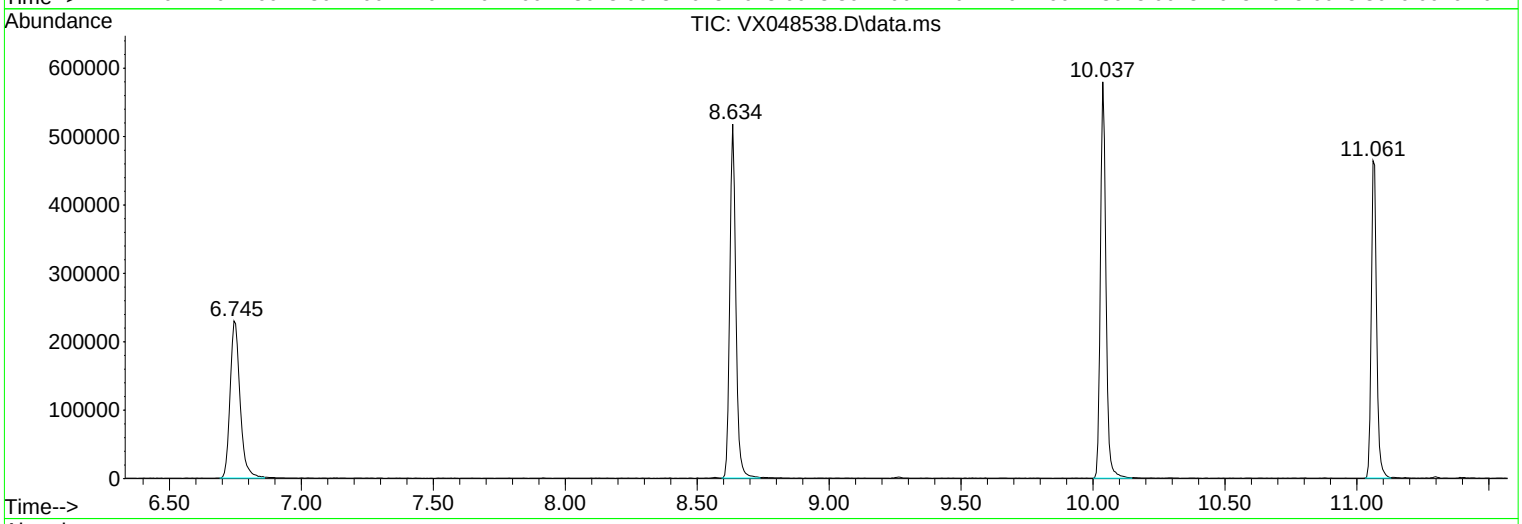
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

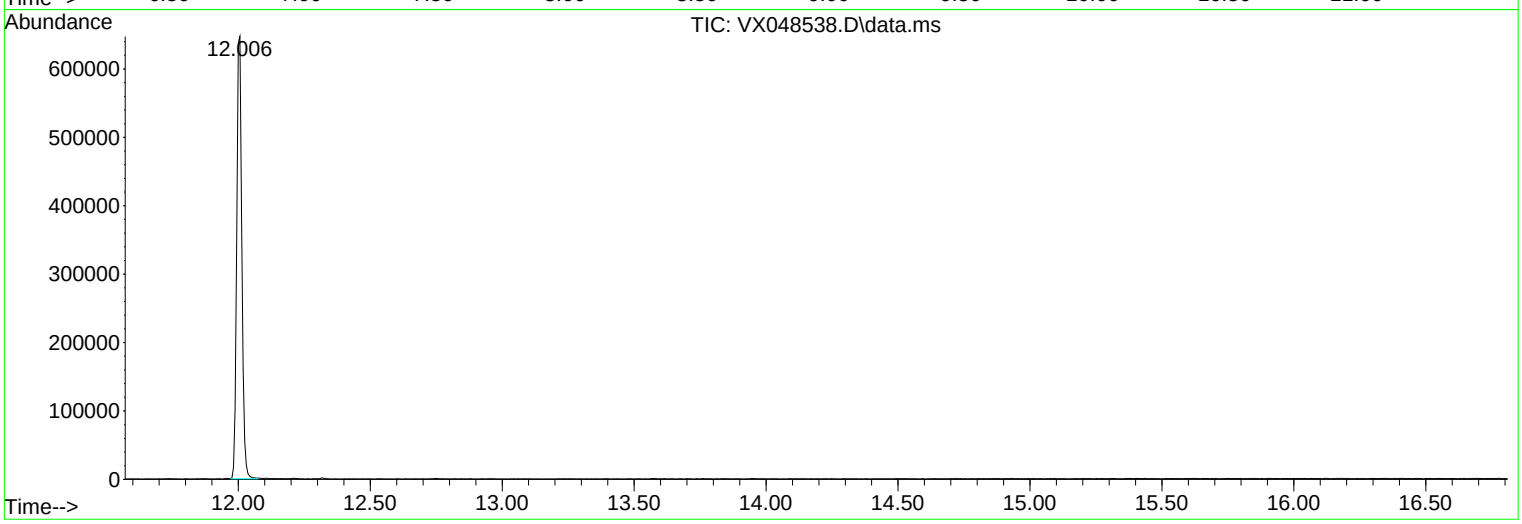
Instrument :
MSVOA_X
ClientSampleId :
FB-2

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







Library Search Compound Report

Sample Results: **VX048538.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-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 : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-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 : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Time: Nov 11 00:47:30 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	166567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121885	52.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.379	113	110982	44.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.480%			
50) Toluene-d8	8.635	98	384880	49.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.061	95	175272	60.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.220%			

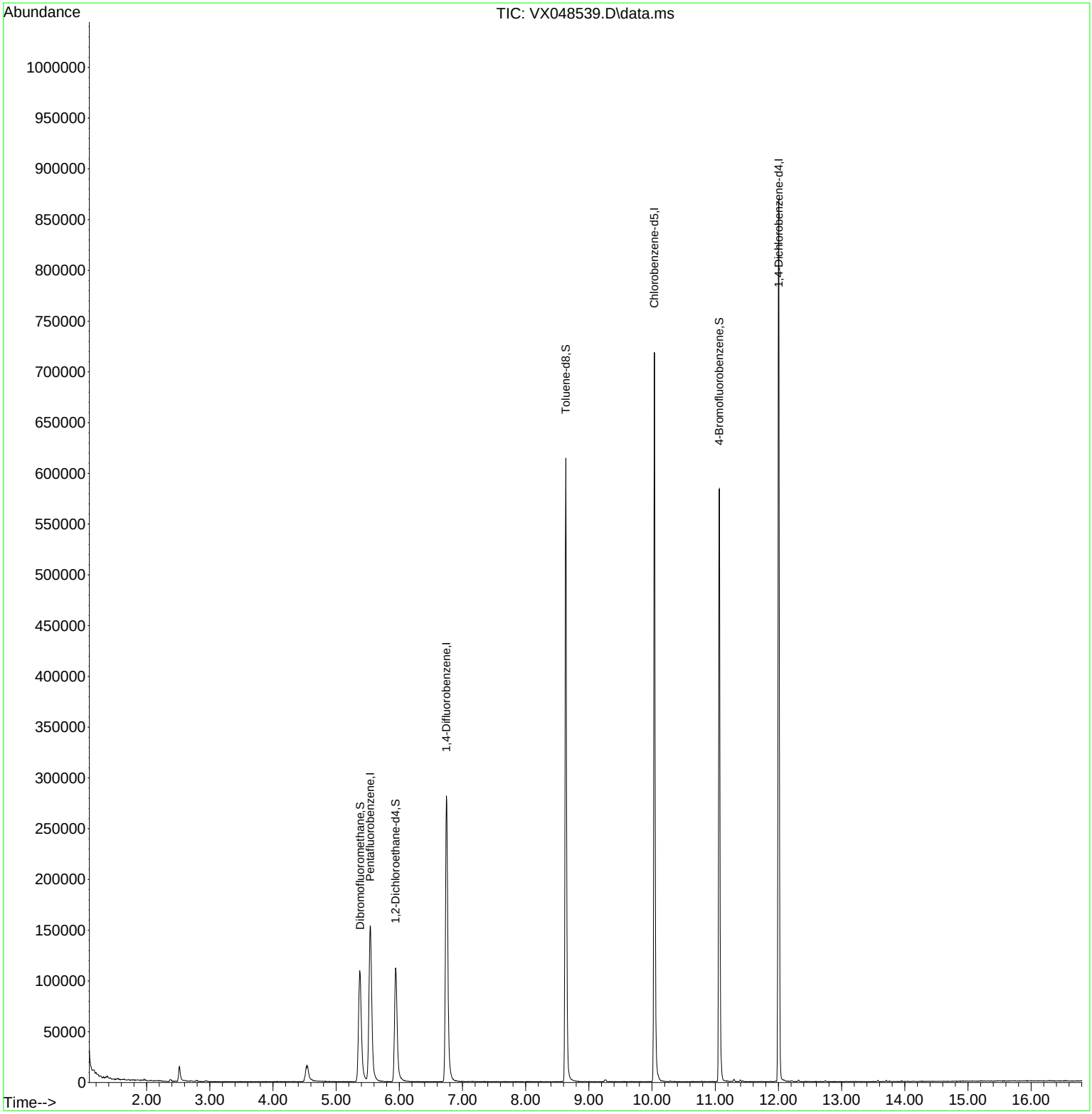
Target Compounds Qvalue

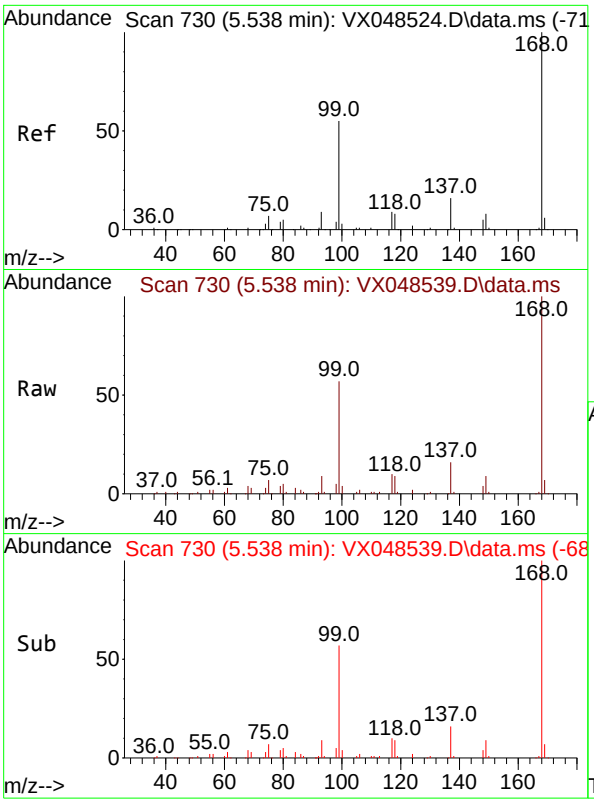
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Time: Nov 11 00:47:30 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



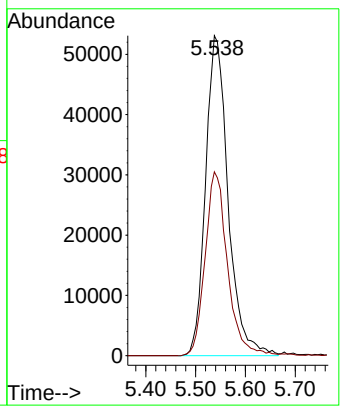


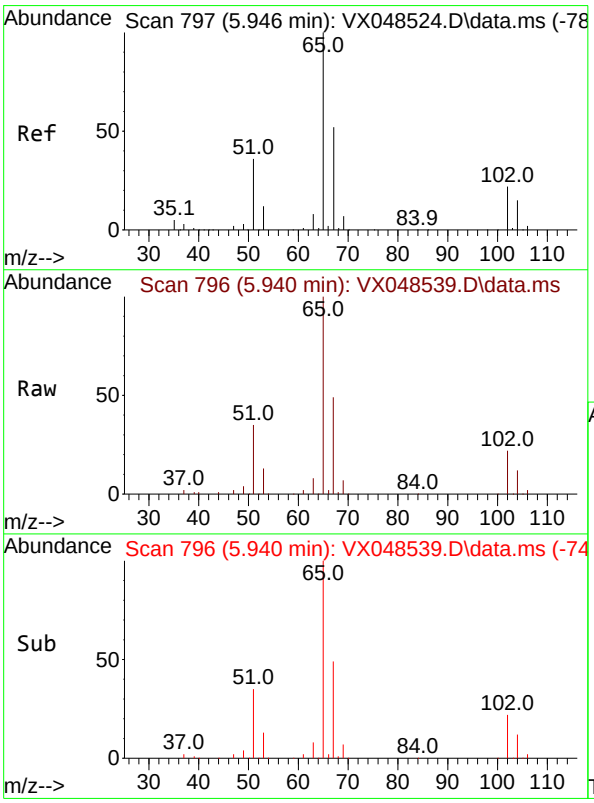
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:168 Resp: 166567

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.2	67.8

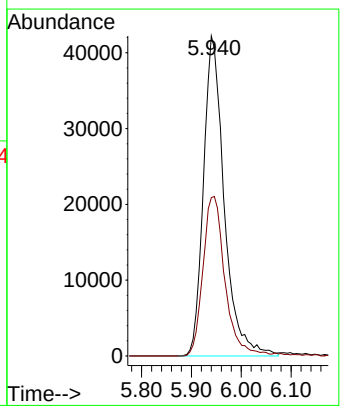


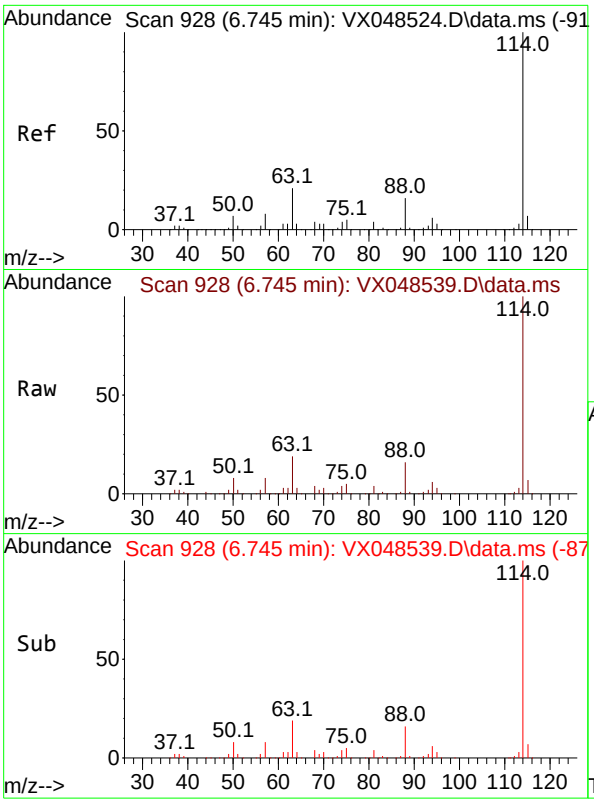


#33
1,2-Dichloroethane-d4
Concen: 52.514 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion: 65 Resp: 121885

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.2



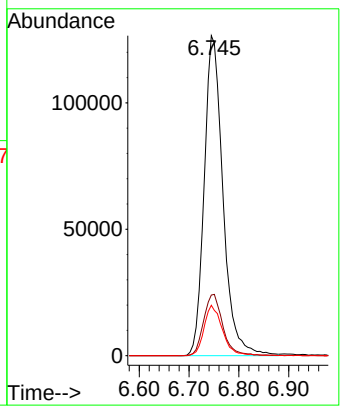


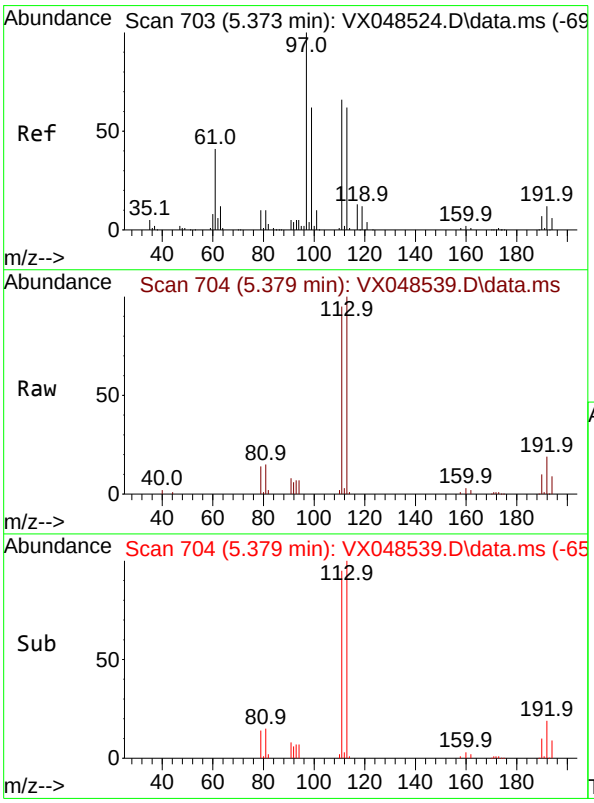
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:114 Resp: 331464

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.2
88	15.8	0.0	32.2

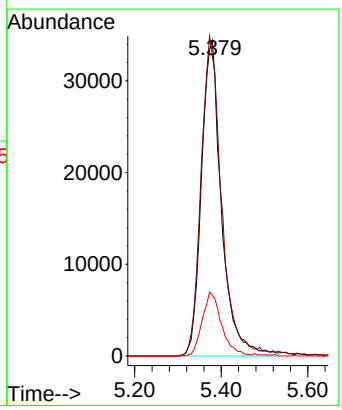


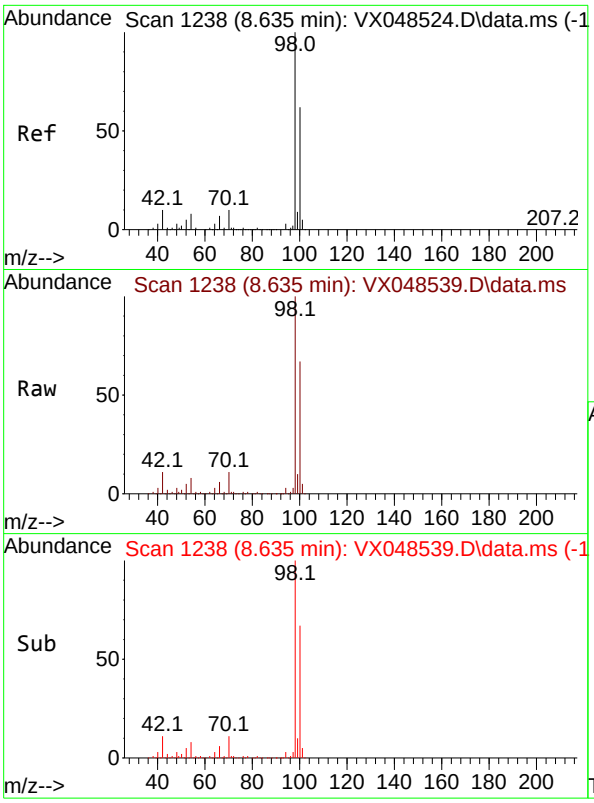


#35
Dibromofluoromethane
Concen: 44.238 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion:113 Resp: 110982

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.5	15.8	23.6



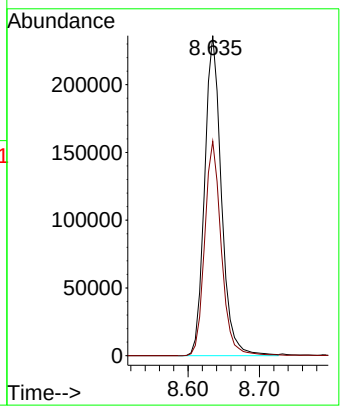


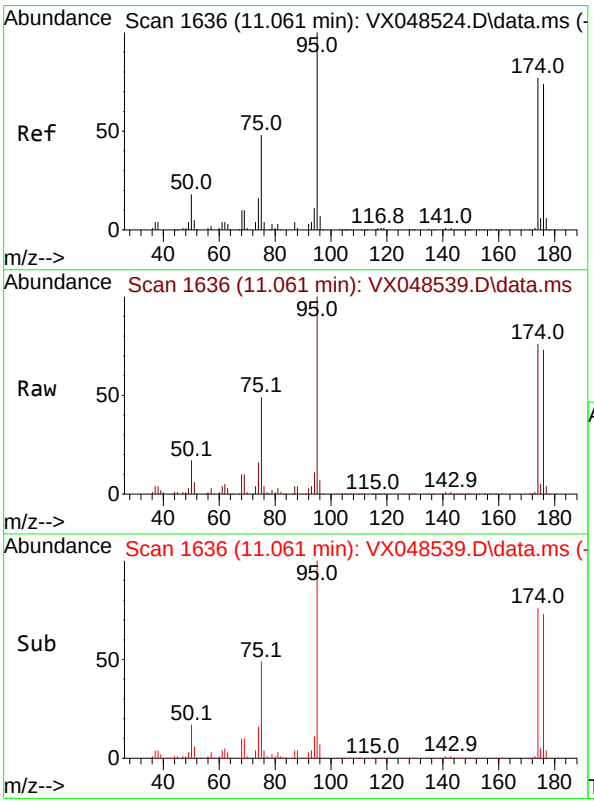
#50
Toluene-d8
Concen: 49.190 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion: 98 Resp: 384880

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

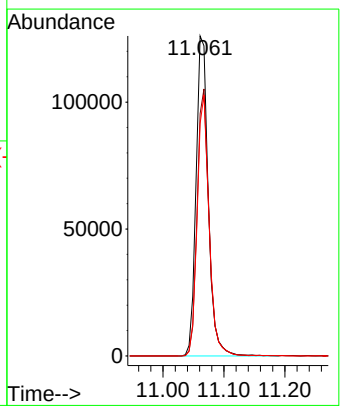


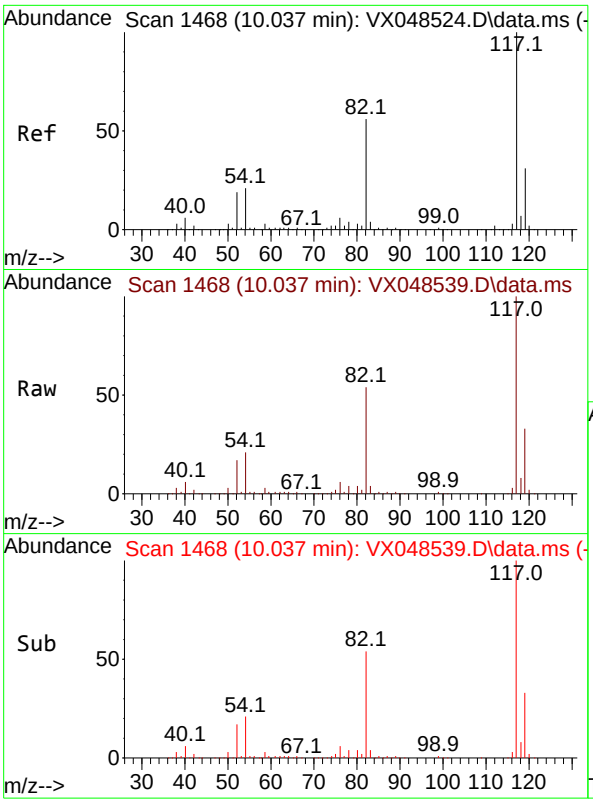


#62
4-Bromofluorobenzene
Concen: 60.110 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion: 95 Resp: 175272

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	161.8
176	79.5	0.0	153.6



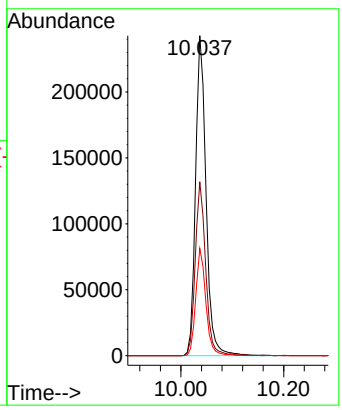


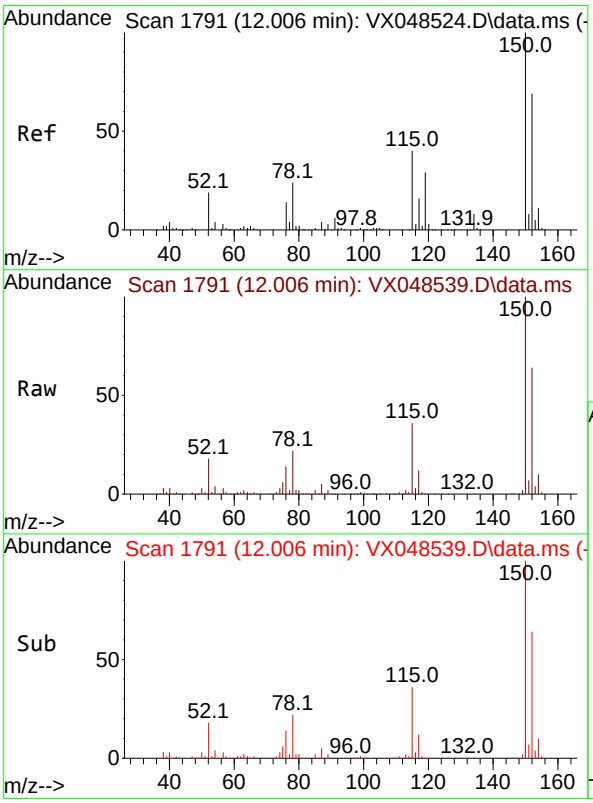
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:117 Resp: 343876

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.4	66.6
119	33.5	25.1	37.7

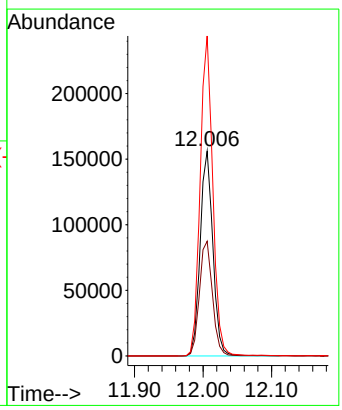




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion:152 Resp: 201653

Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.2	117.6
150	154.9	0.0	347.0



Sample Results: **VX048539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

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

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

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

Signal : TIC: VX048539.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	229	235	244	rBV	14805	31476	2.73%	0.524%
2	4.538	554	566	577	rBV2	16039	58004	5.03%	0.966%
3	5.373	690	703	720	rBV2	109592	355770	30.86%	5.927%
4	5.538	720	730	752	rVB	152963	480345	41.66%	8.002%
5	5.940	786	796	820	rBV2	112167	335237	29.07%	5.585%
6	6.745	917	928	952	rBV	281561	743354	64.47%	12.384%
7	8.635	1231	1238	1253	rBV	614359	998317	86.58%	16.631%
8	10.037	1462	1468	1488	rBV	718290	1017227	88.22%	16.946%
9	11.067	1631	1637	1655	rBV	583898	829907	71.98%	13.826%
10	12.006	1785	1791	1801	rBV	869498	1153028	100.00%	19.209%

Sum of corrected areas: 6002665

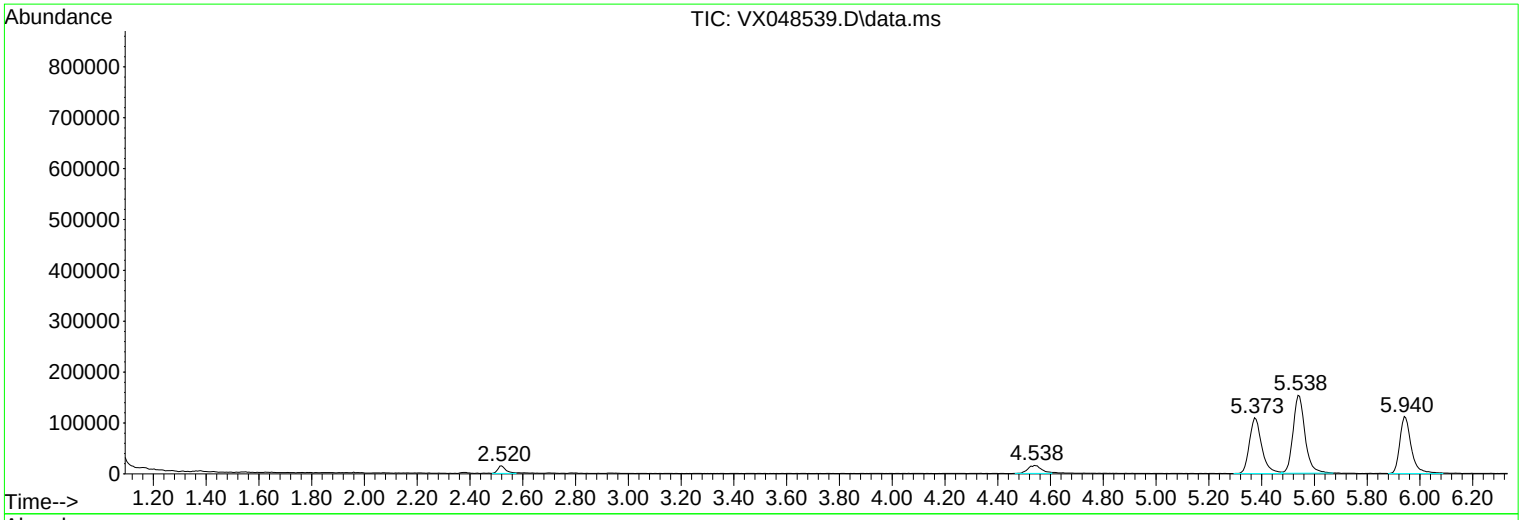
Sample Results: **VX048539.D**

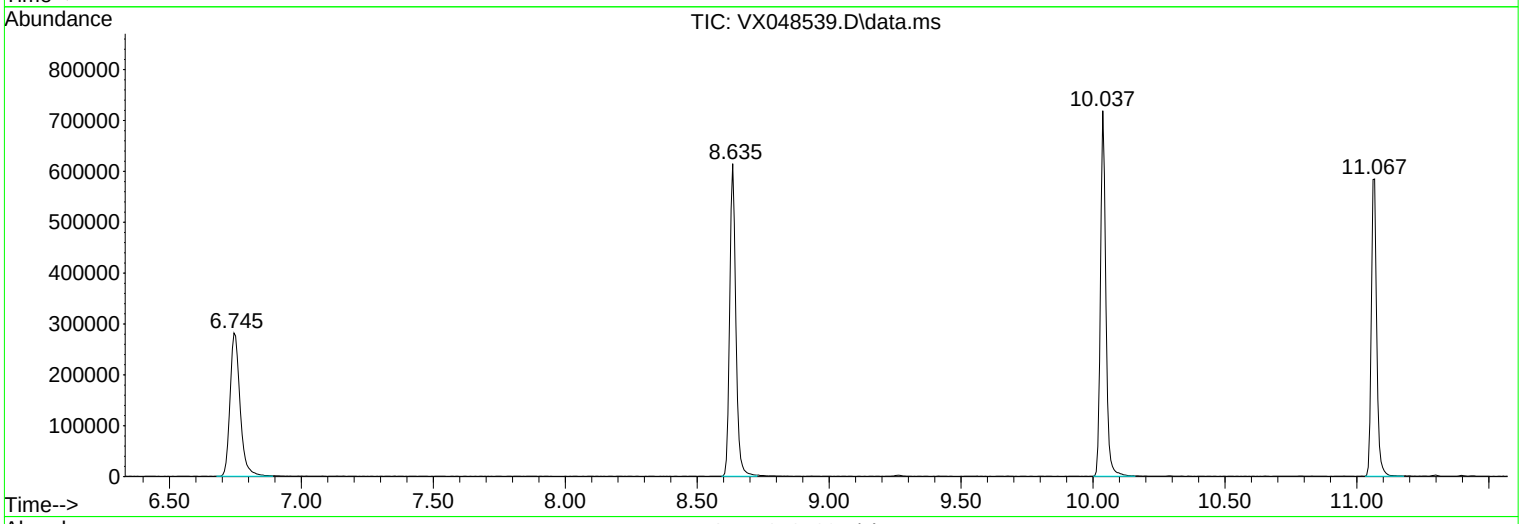
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

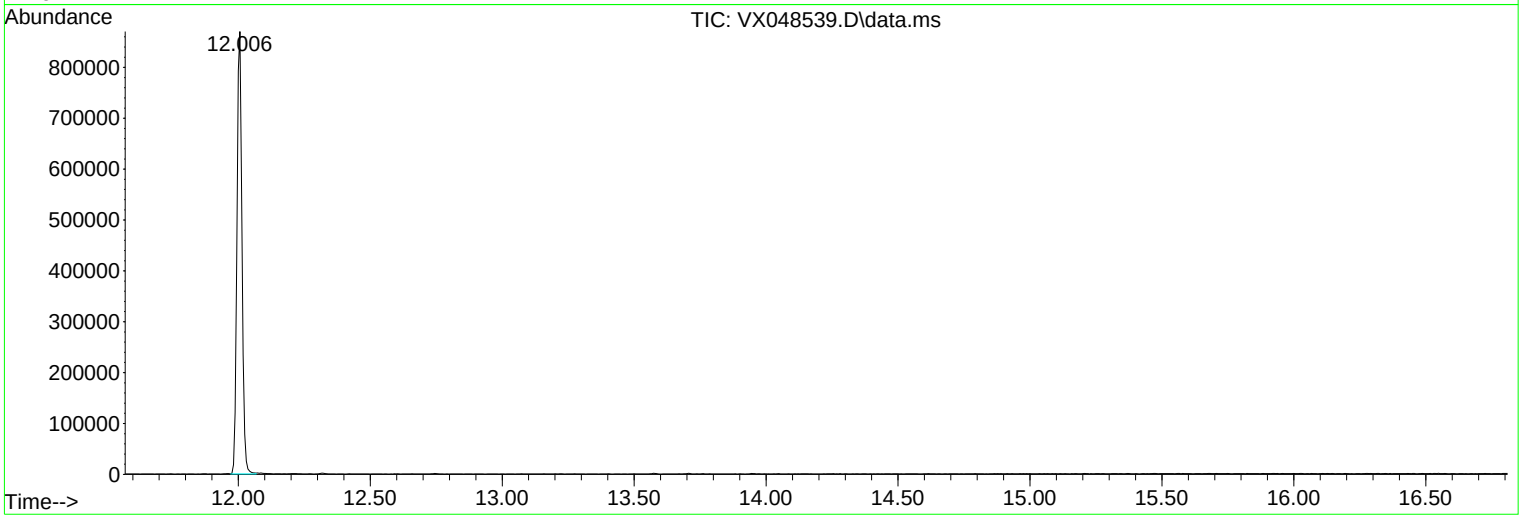
Instrument :
MSVOA_X
ClientSampleId :
TB-3

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







Library Search Compound Report

Sample Results: **VX048539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

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 : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

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 : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Time: Nov 12 04:44:24 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

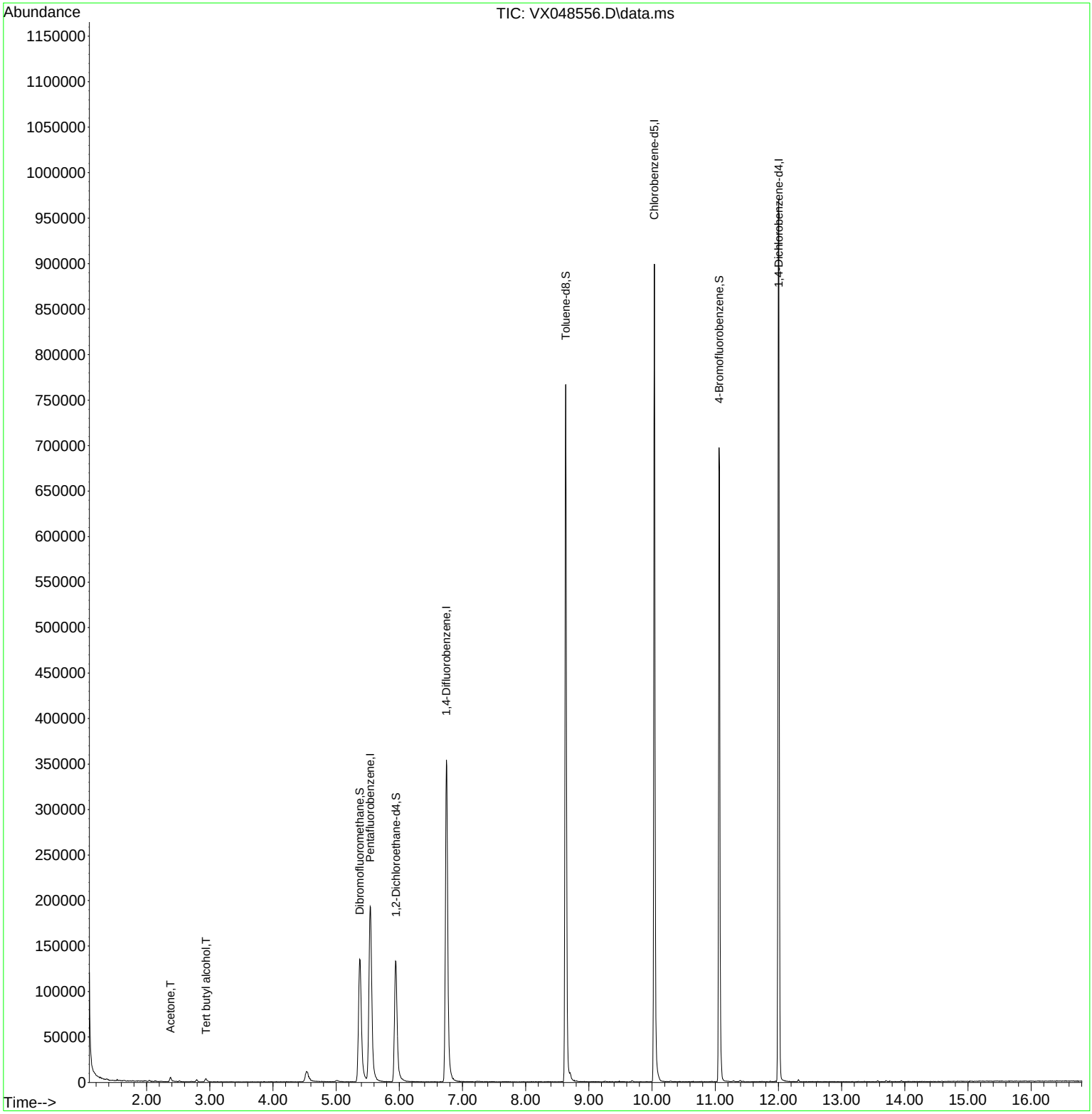
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	213710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	420027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	432332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	225901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	146403	49.163	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.320%			
35) Dibromofluoromethane	5.373	113	138352	43.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.040%			
50) Toluene-d8	8.635	98	495865	50.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.061	95	207015	56.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	4576	8.110	ug/l #	91
16) Acetone	2.380	43	7007	4.971	ug/l	93

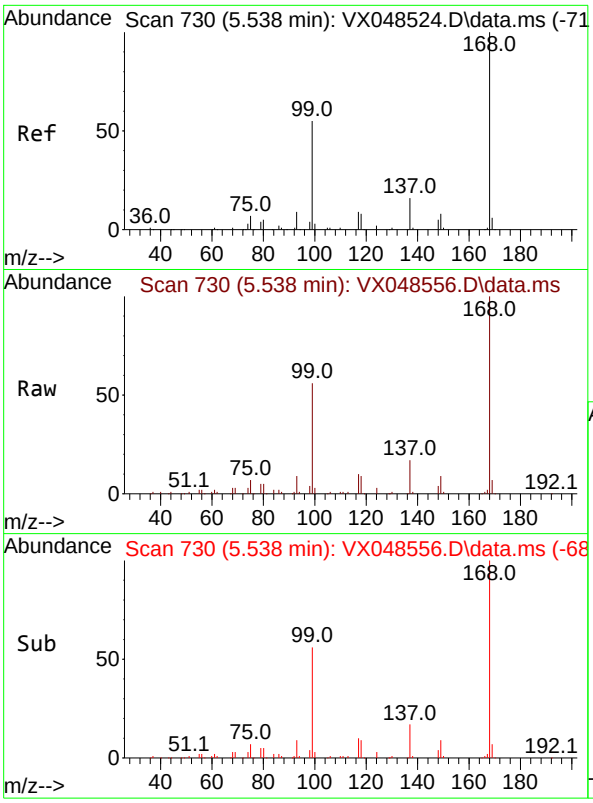
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Time: Nov 12 04:44:24 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



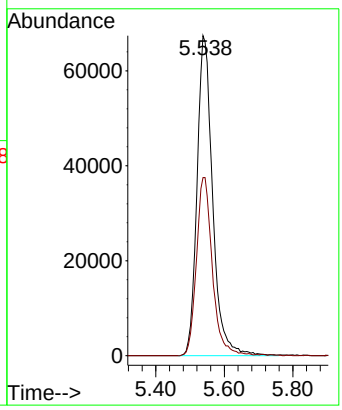


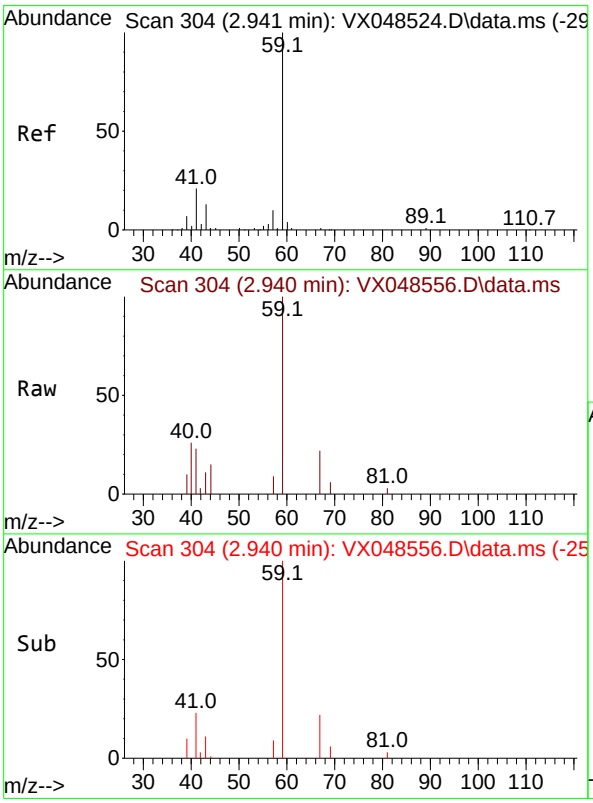
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:168 Resp: 213710

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.2	67.8

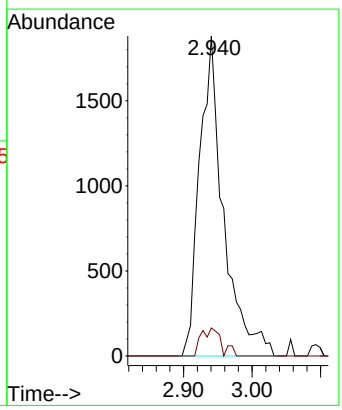


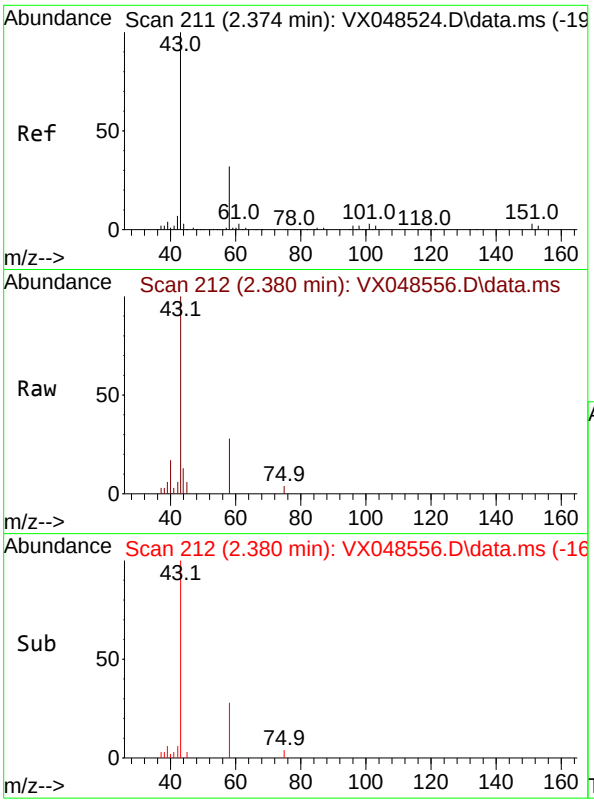


#11
Tert butyl alcohol
Concen: 8.110 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 59 Resp: 4576

Ion	Ratio	Lower	Upper
59	100		
57	7.4	8.6	13.0#



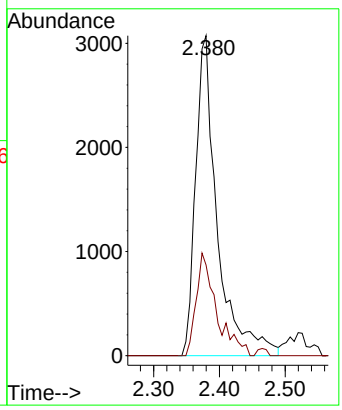


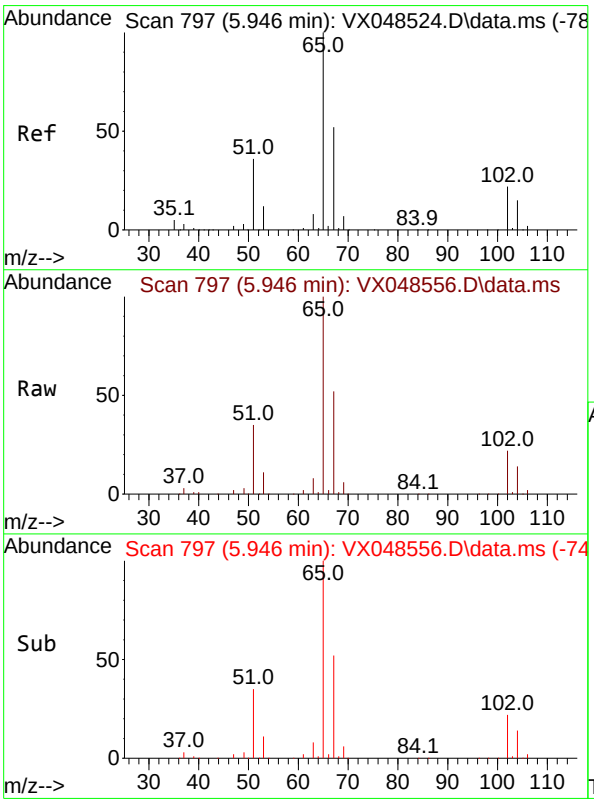
#16
Acetone
Concen: 4.971 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion: 43 Resp: 7007

Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.8	38.6

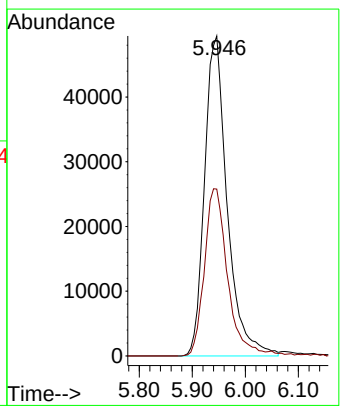


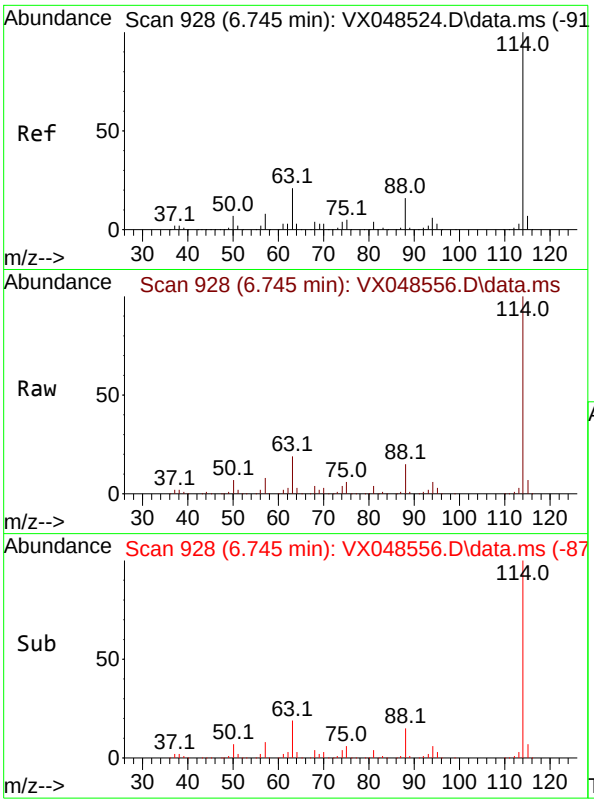


#33
1,2-Dichloroethane-d4
Concen: 49.163 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 65 Resp: 146403

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.2



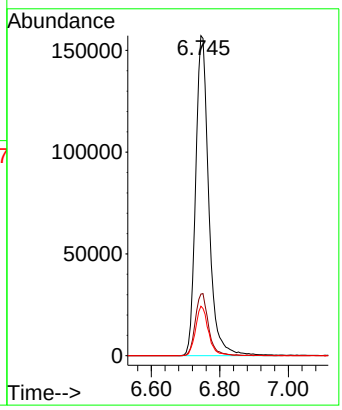


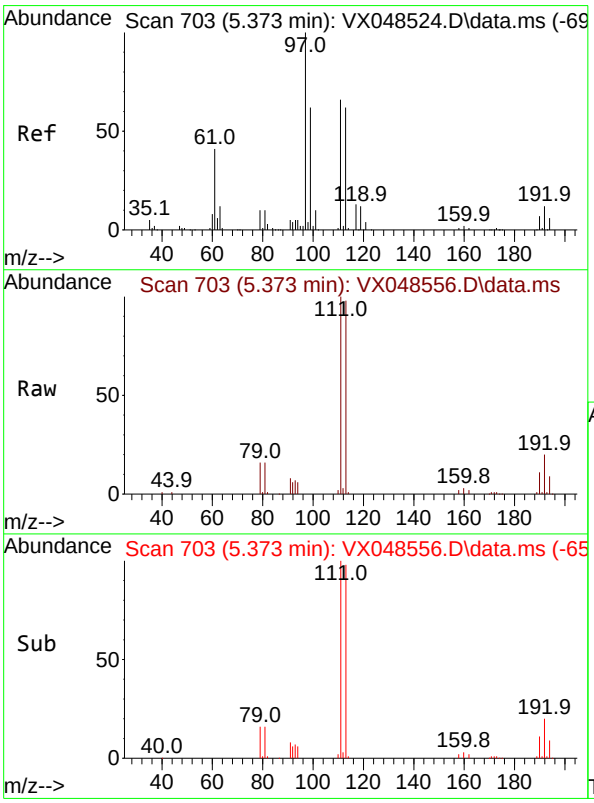
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:114 Resp: 420027

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.4	0.0	32.2

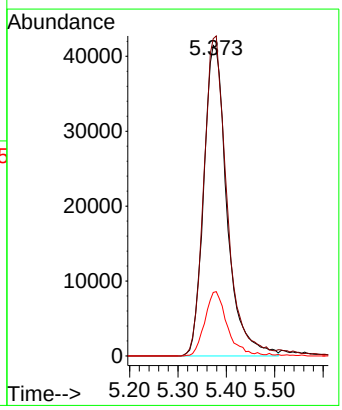


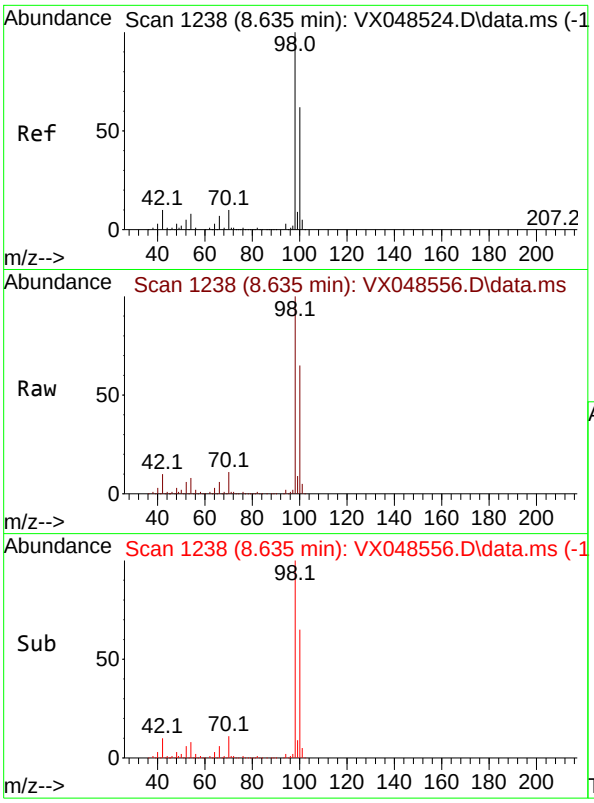


#35
Dibromofluoromethane
Concen: 43.520 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion:113 Resp: 138352

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.0	15.8	23.6



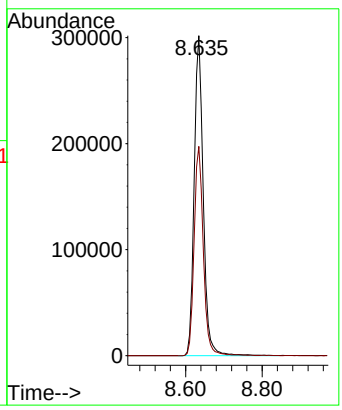


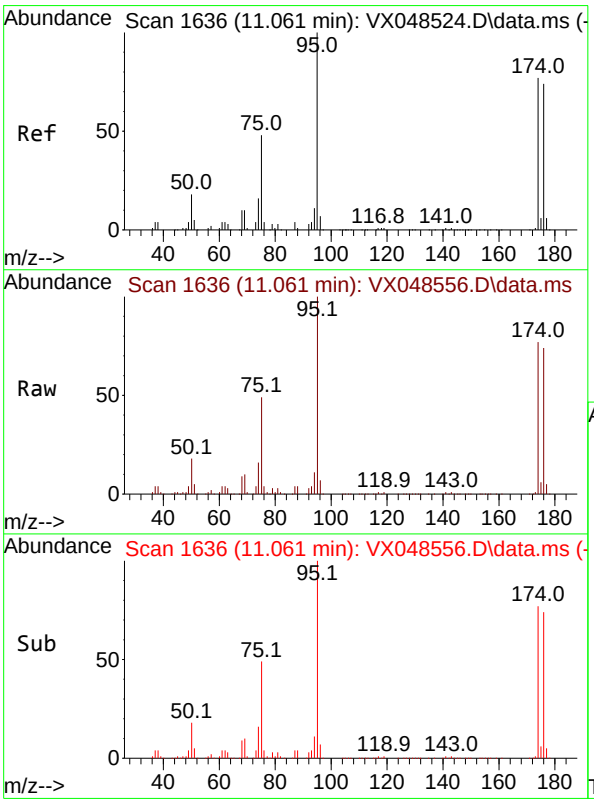
#50
Toluene-d8
Concen: 50.012 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion: 98 Resp: 495865

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.6	80.4

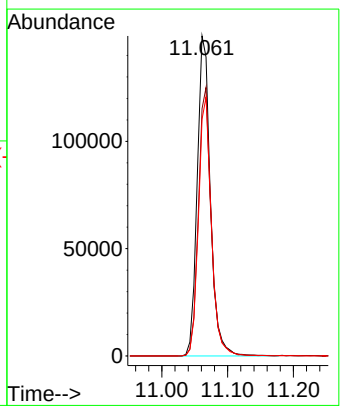


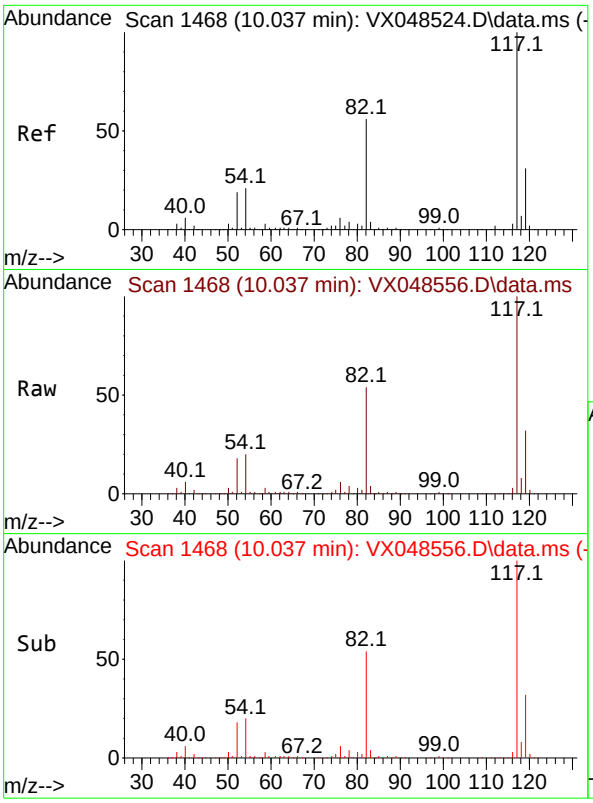


#62
4-Bromofluorobenzene
Concen: 56.027 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 95 Resp: 207015

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.8
176	79.4	0.0	153.6



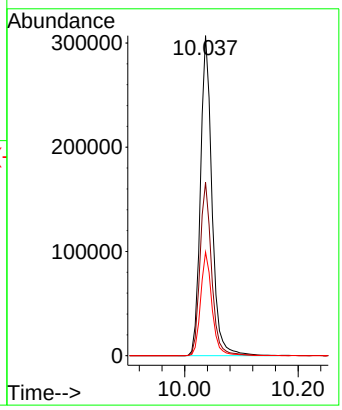


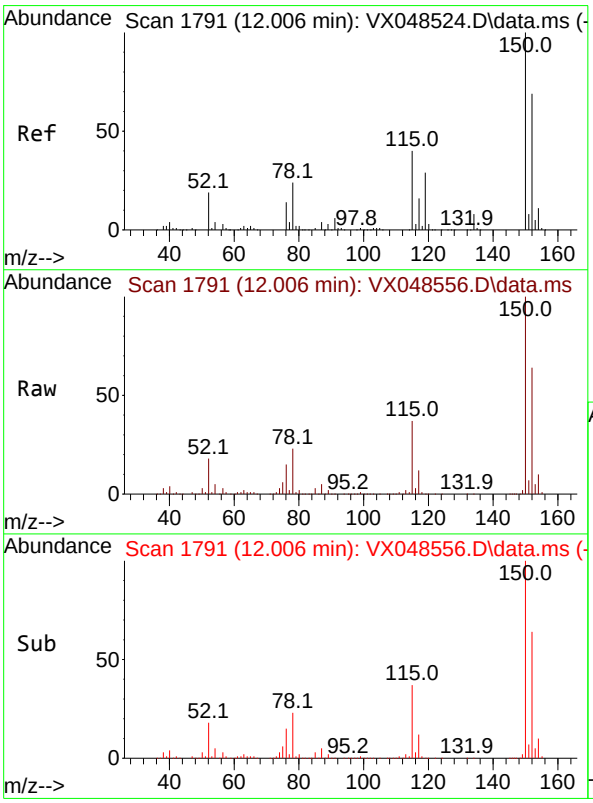
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:117 Resp: 432332

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.4	66.6
119	32.4	25.1	37.7

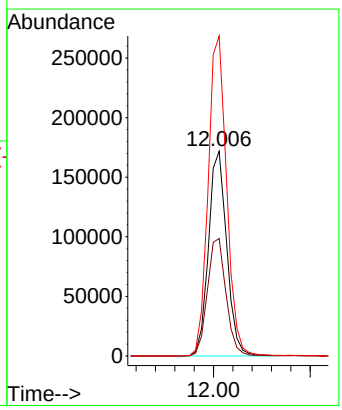




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion:152 Resp: 225901

Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.2	117.6
150	158.2	0.0	347.0



Sample Results: **VX048556.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

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

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

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

Signal : TIC: VX048556.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	555	565	576	rBV2	11321	42743	3.23%	0.587%
2	5.373	691	703	720	rBV	134775	443613	33.49%	6.091%
3	5.538	720	730	758	rVB	192286	615429	46.46%	8.450%
4	5.940	786	796	824	rBV	133005	406872	30.71%	5.586%
5	6.745	918	928	945	rBV	353929	926263	69.92%	12.717%
6	8.635	1231	1238	1248	rBV	766524	1271416	95.97%	17.456%
7	10.037	1462	1468	1484	rBV	898667	1272488	96.05%	17.471%
8	11.061	1631	1636	1654	rBV	697122	980022	73.98%	13.455%
9	12.006	1785	1791	1802	rBV	970353	1324767	100.00%	18.188%

Sum of corrected areas: 7283613

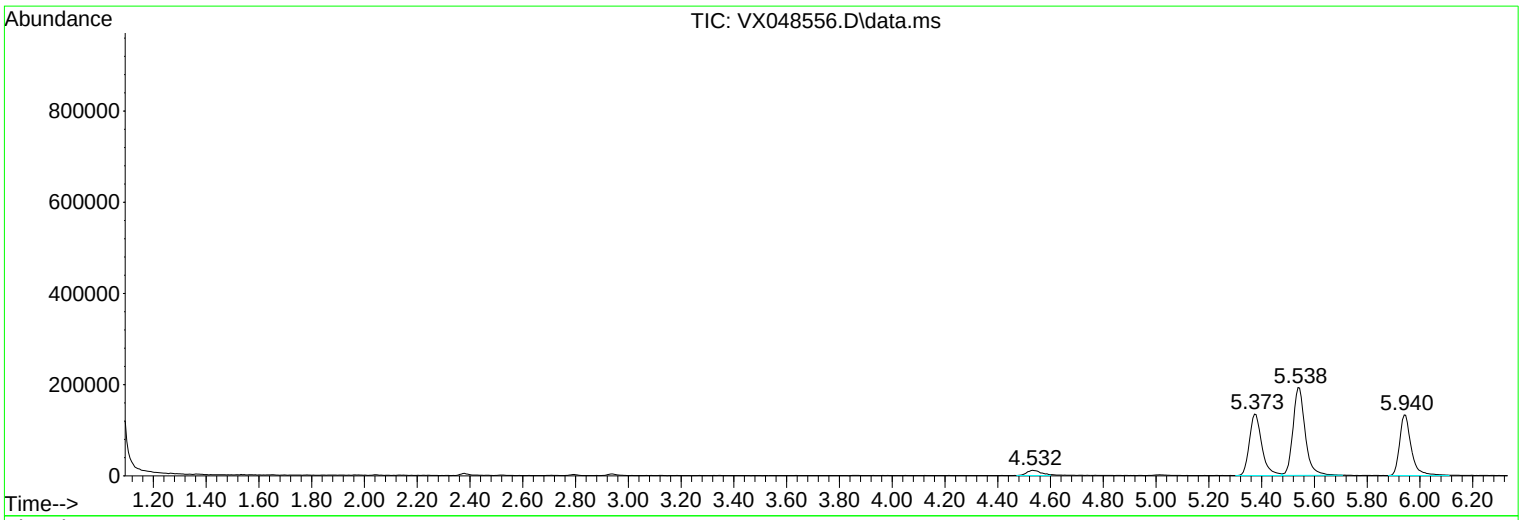
Sample Results: **VX048556.D**

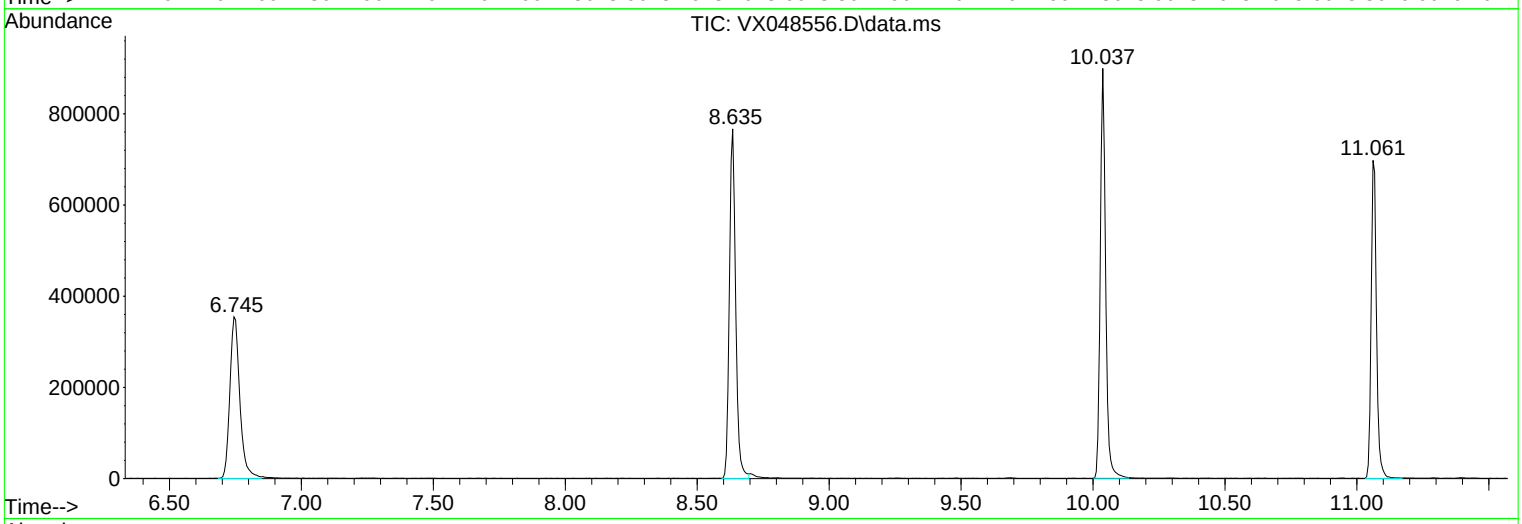
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

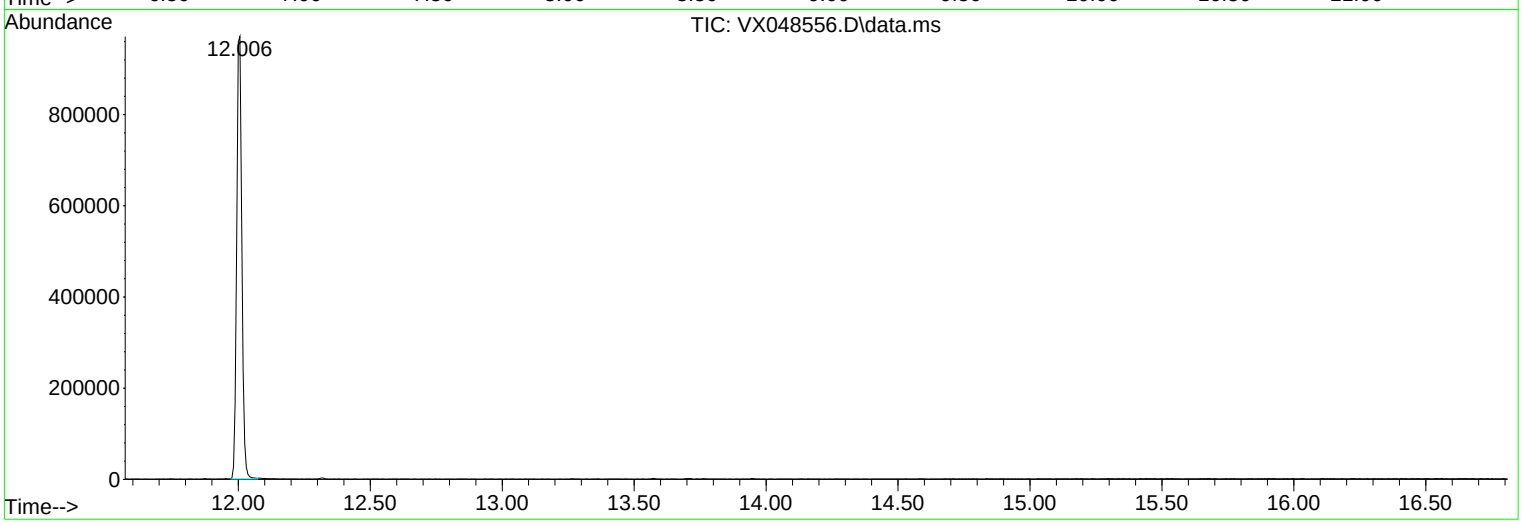
Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

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







Library Search Compound Report

Sample Results: **VX048556.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

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 : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

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%			

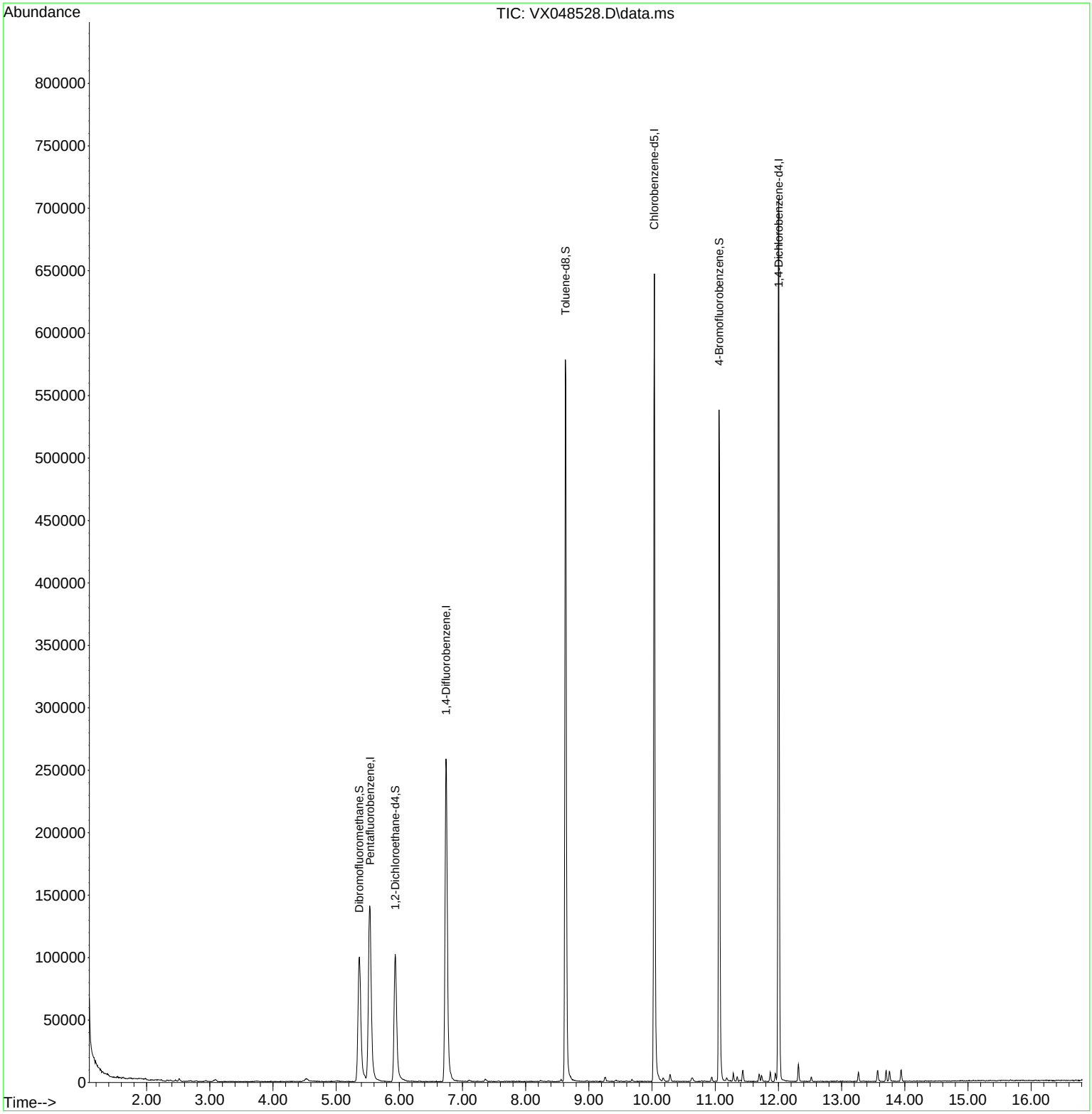
Target Compounds	Qvalue

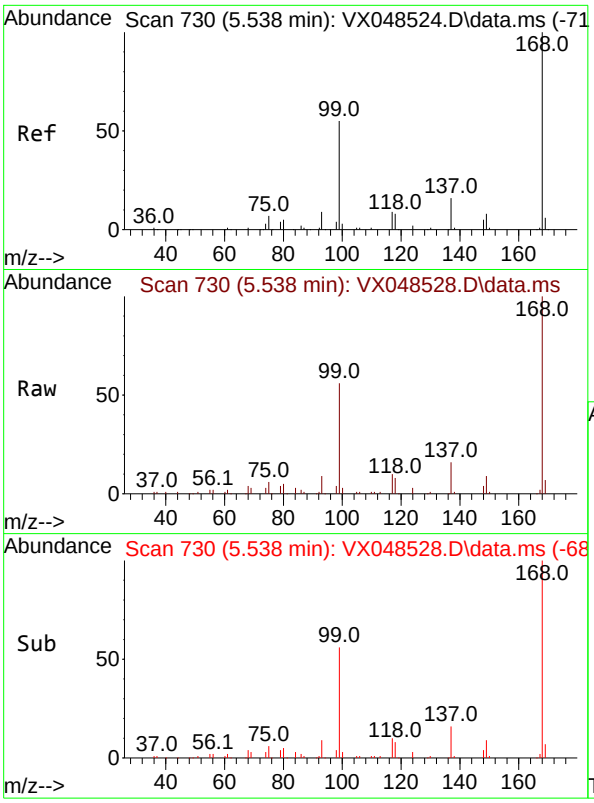
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



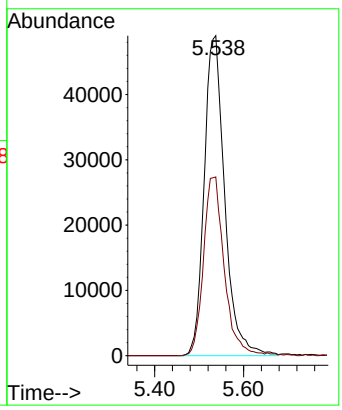


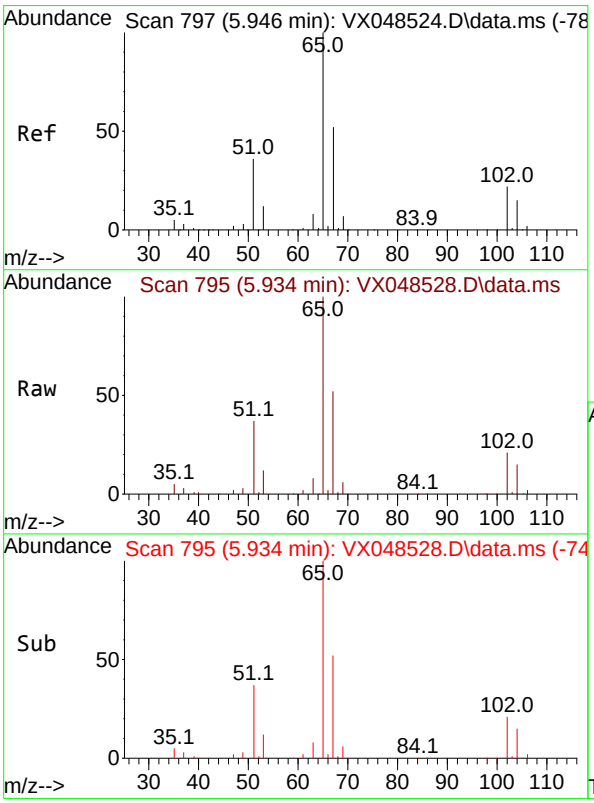
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:168 Resp: 157554

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.2	67.8

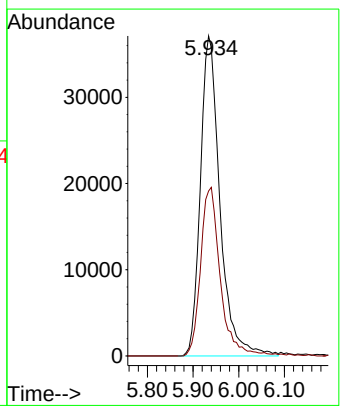


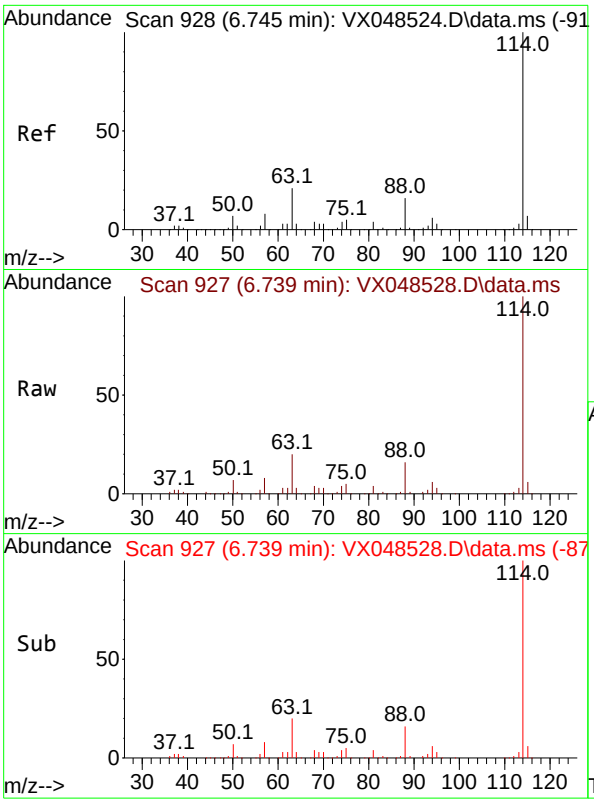


#33
1,2-Dichloroethane-d4
Concen: 50.150 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 65 Resp: 110098

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2



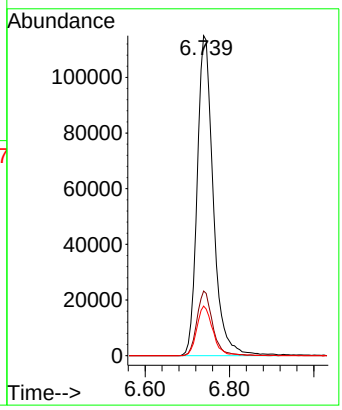


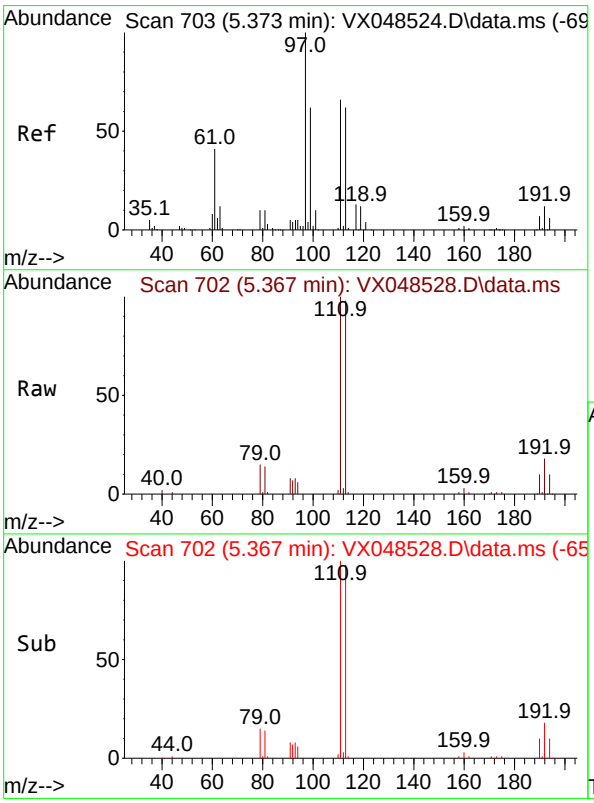
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

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

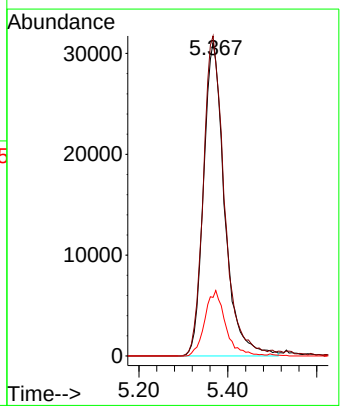


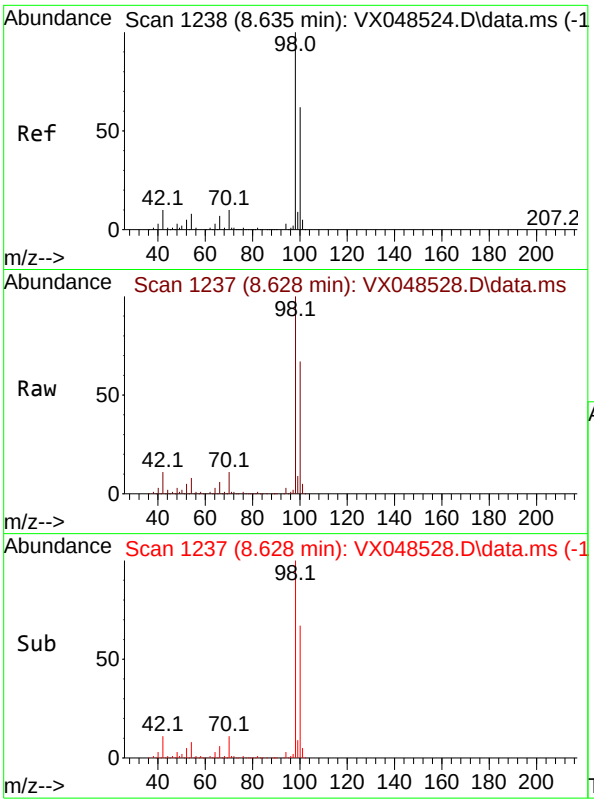


#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

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



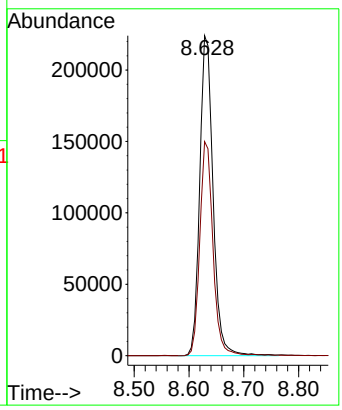


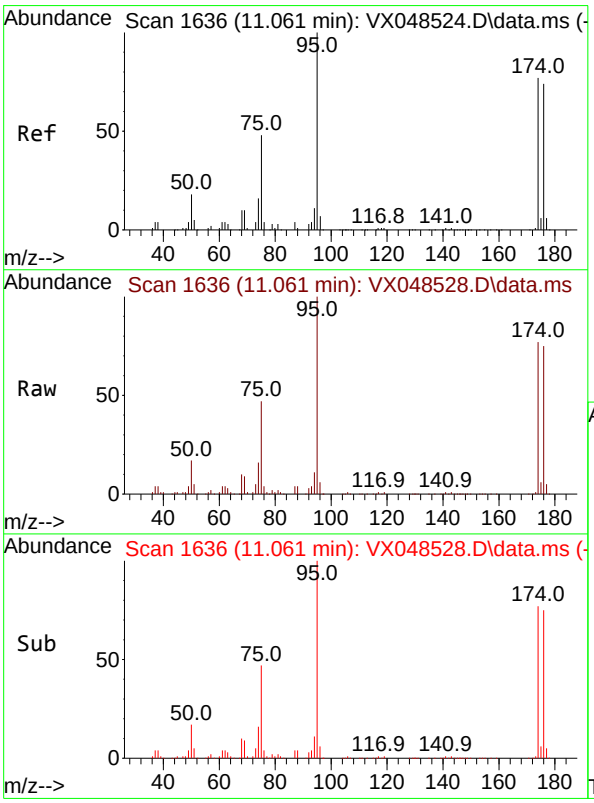
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion: 98 Resp: 378237

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

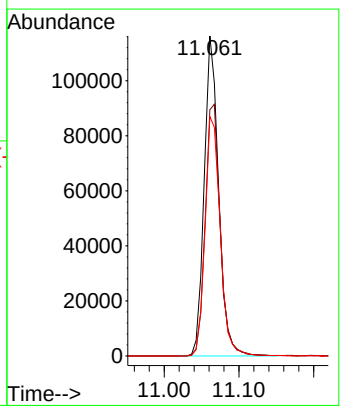


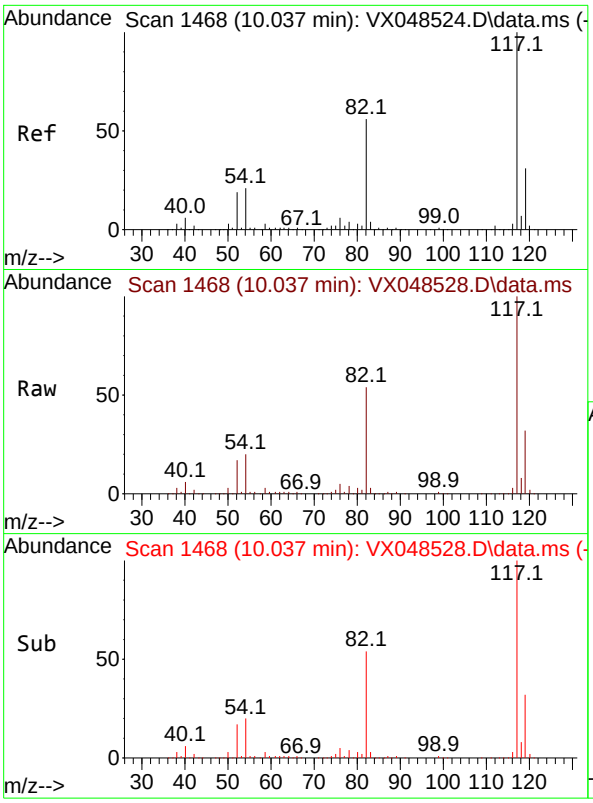


#62
4-Bromofluorobenzene
Concen: 58.167 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

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



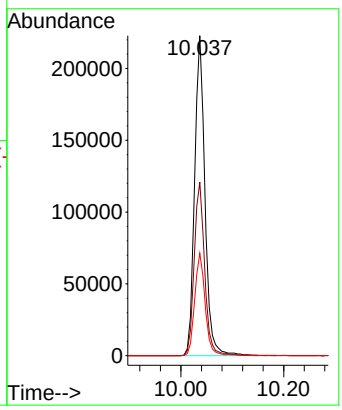


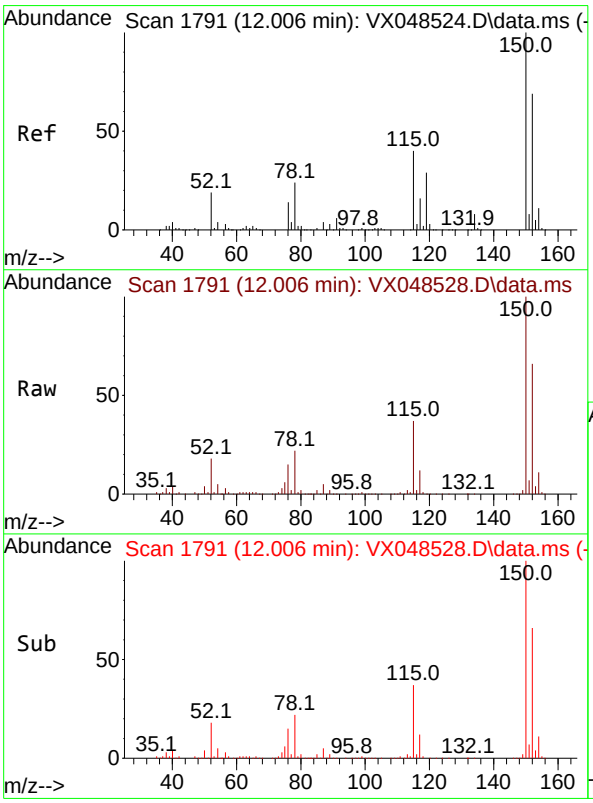
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

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

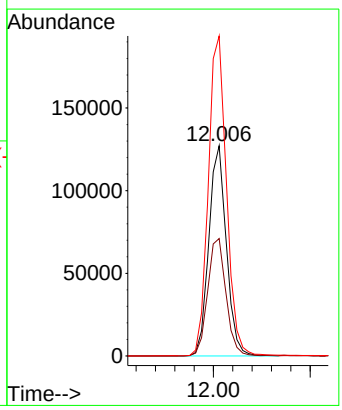




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

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

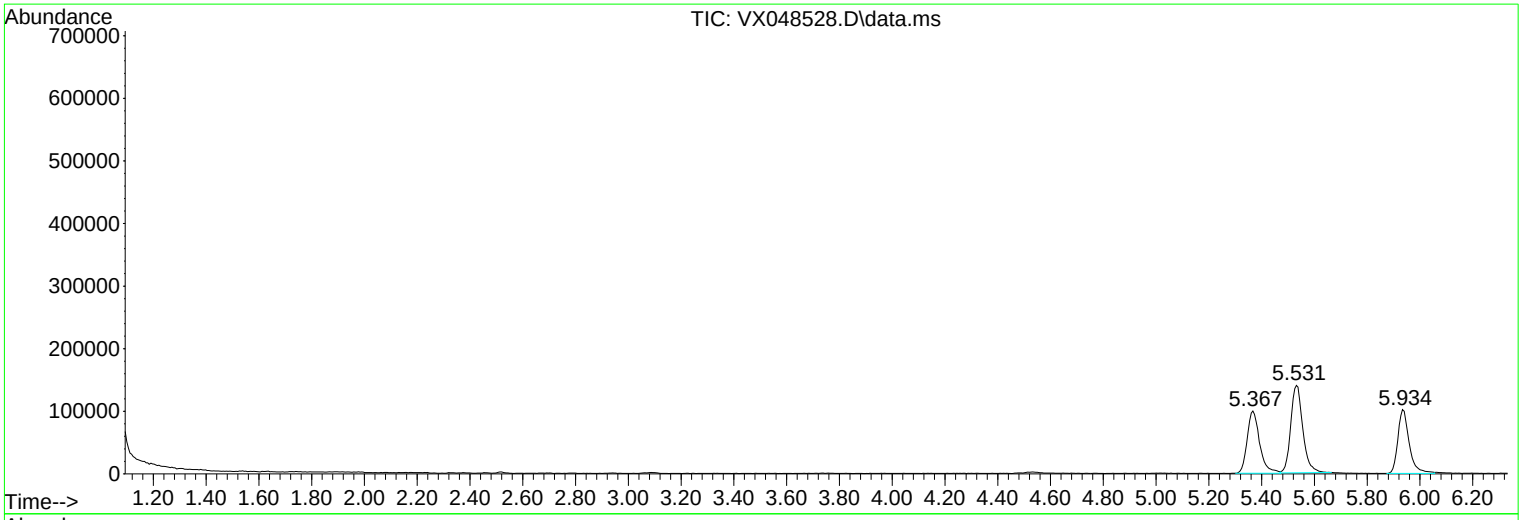
Sample Results: **VX048528.D**

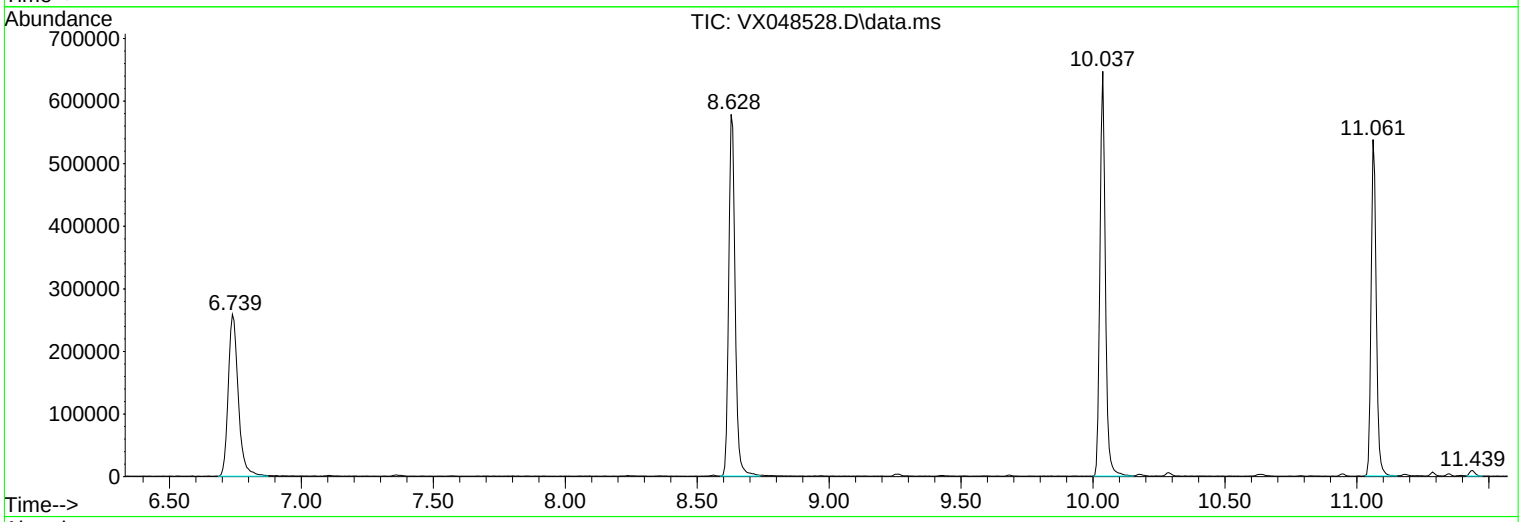
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

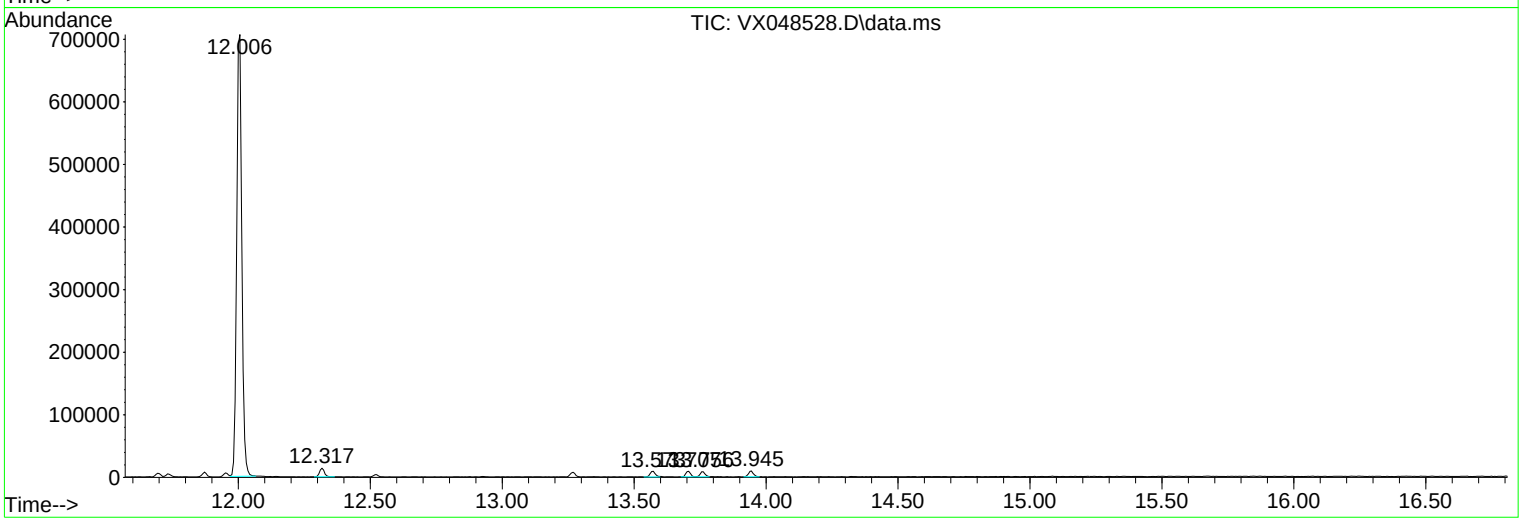
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

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%			

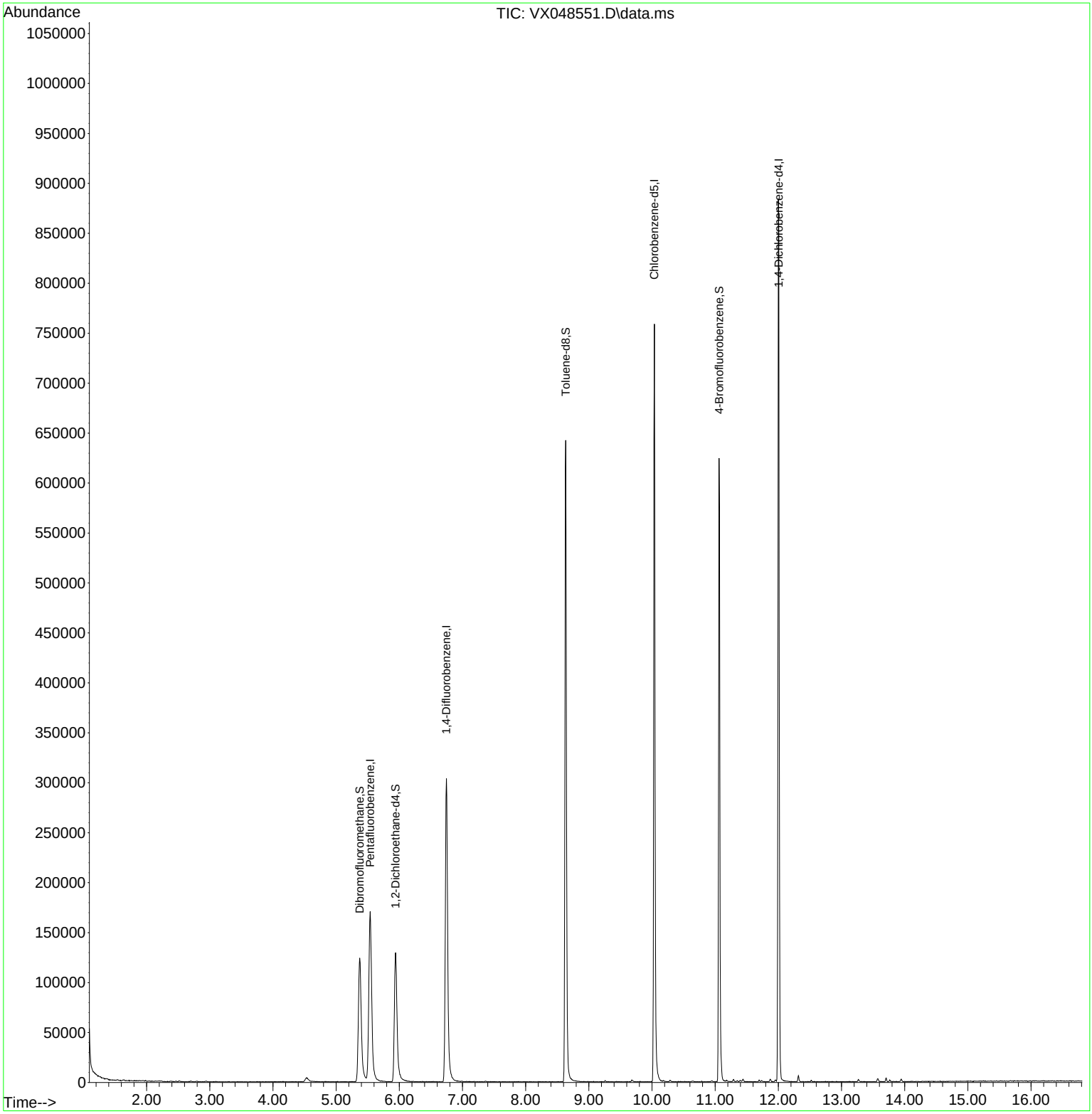
Target Compounds Qvalue

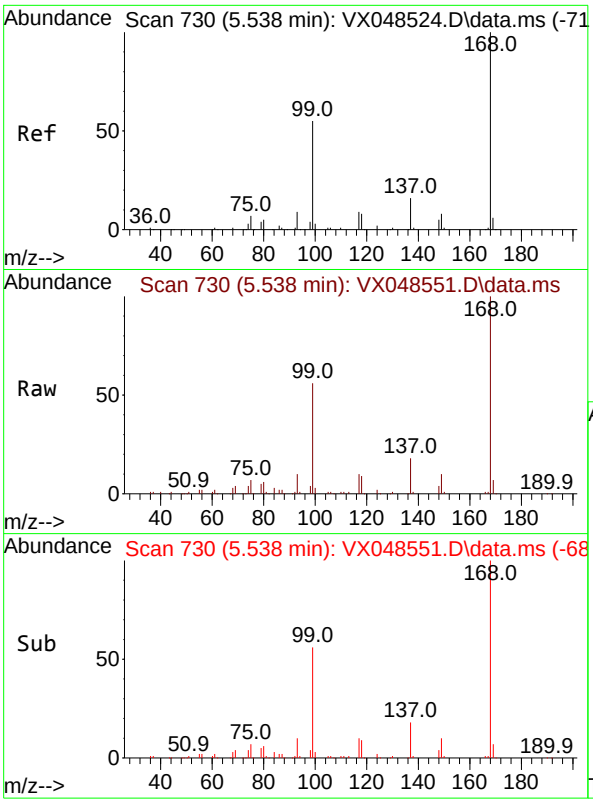
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



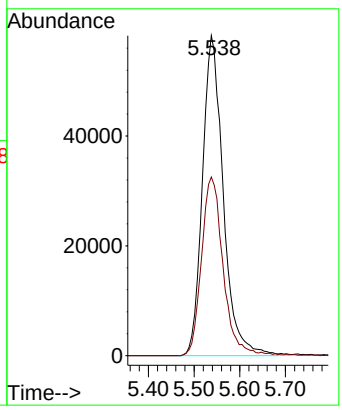


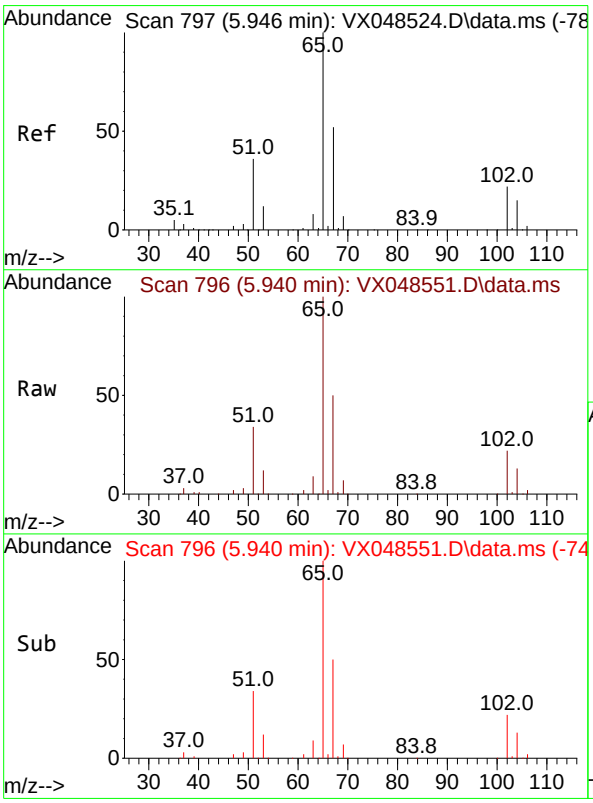
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:168 Resp: 184346

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

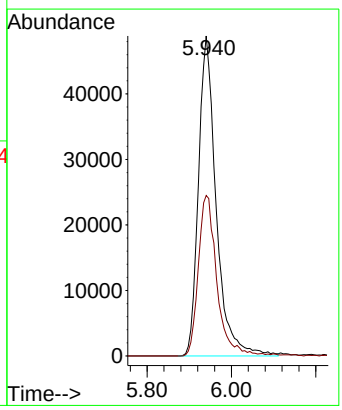


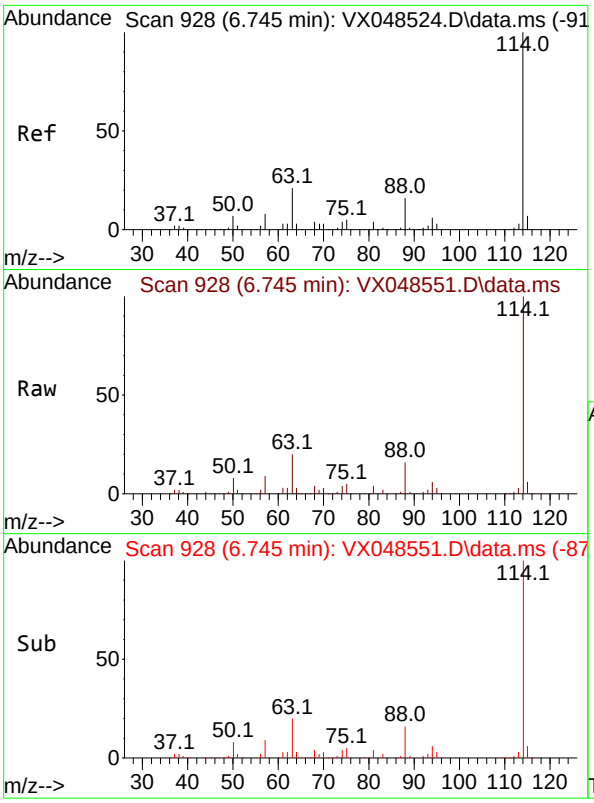


#33
1,2-Dichloroethane-d4
Concen: 55.623 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion: 65 Resp: 142879

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



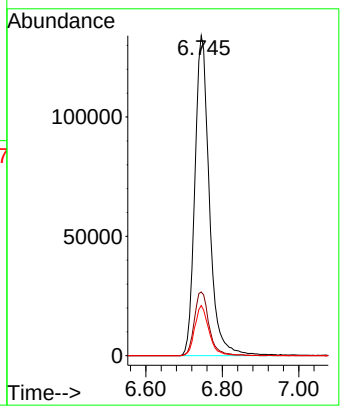


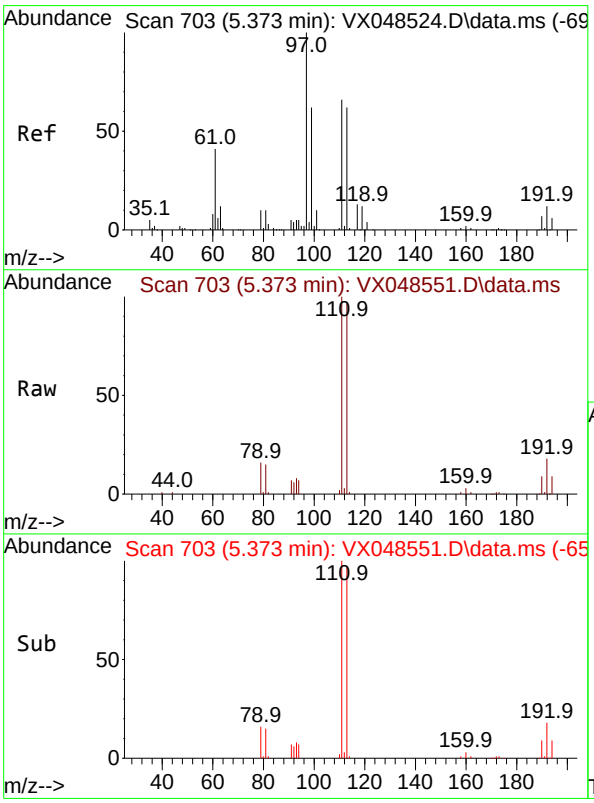
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

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

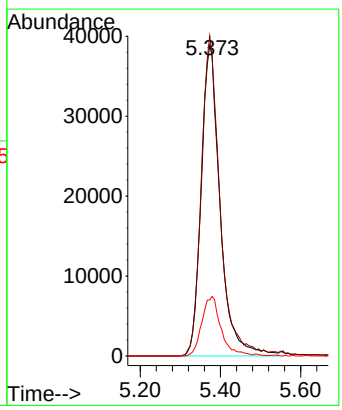


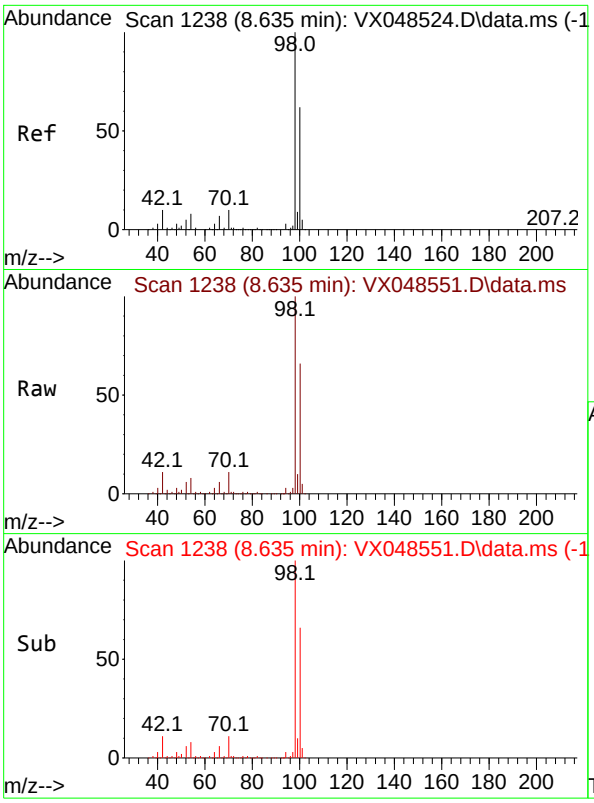


#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

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



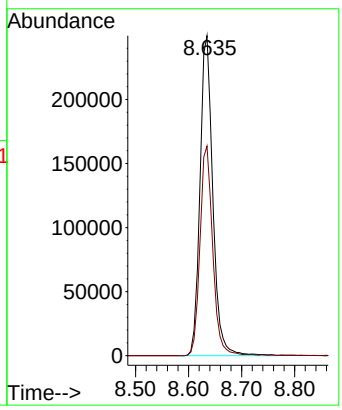


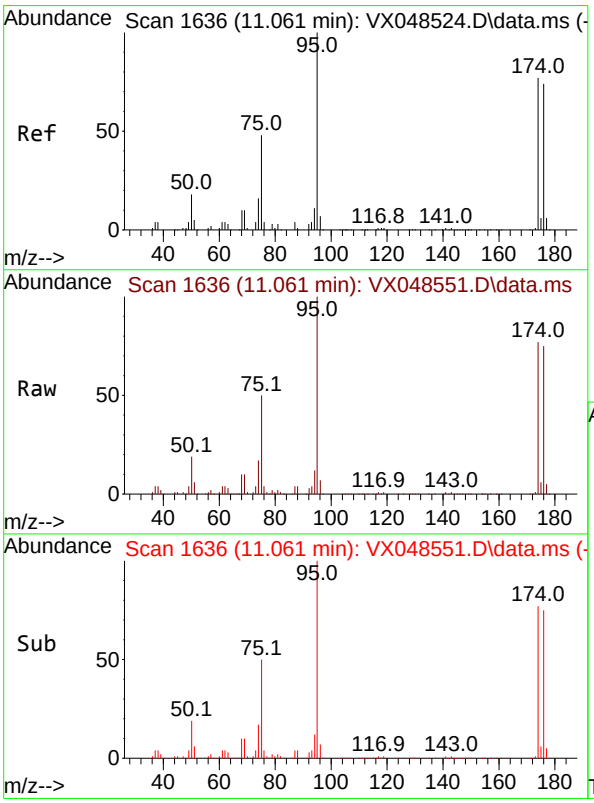
#50
Toluene-d8
Concen: 50.257 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion: 98 Resp: 419546

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.6	80.4

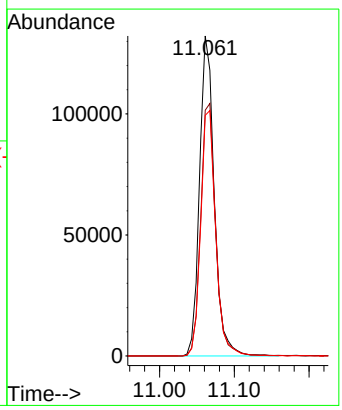


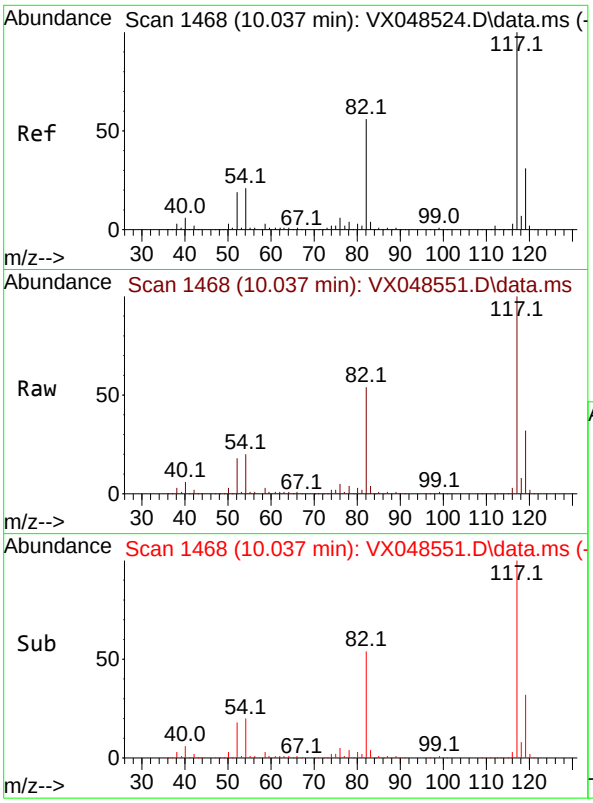


#62
4-Bromofluorobenzene
Concen: 57.997 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

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



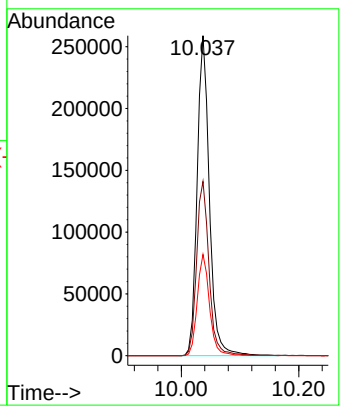


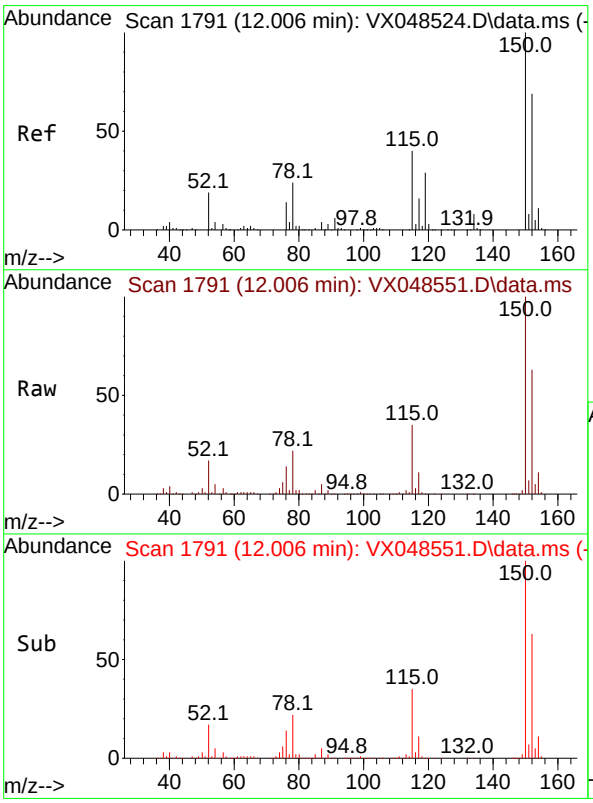
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

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

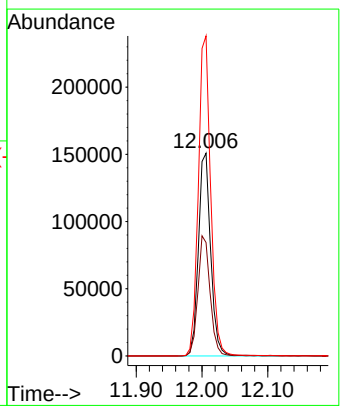




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

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

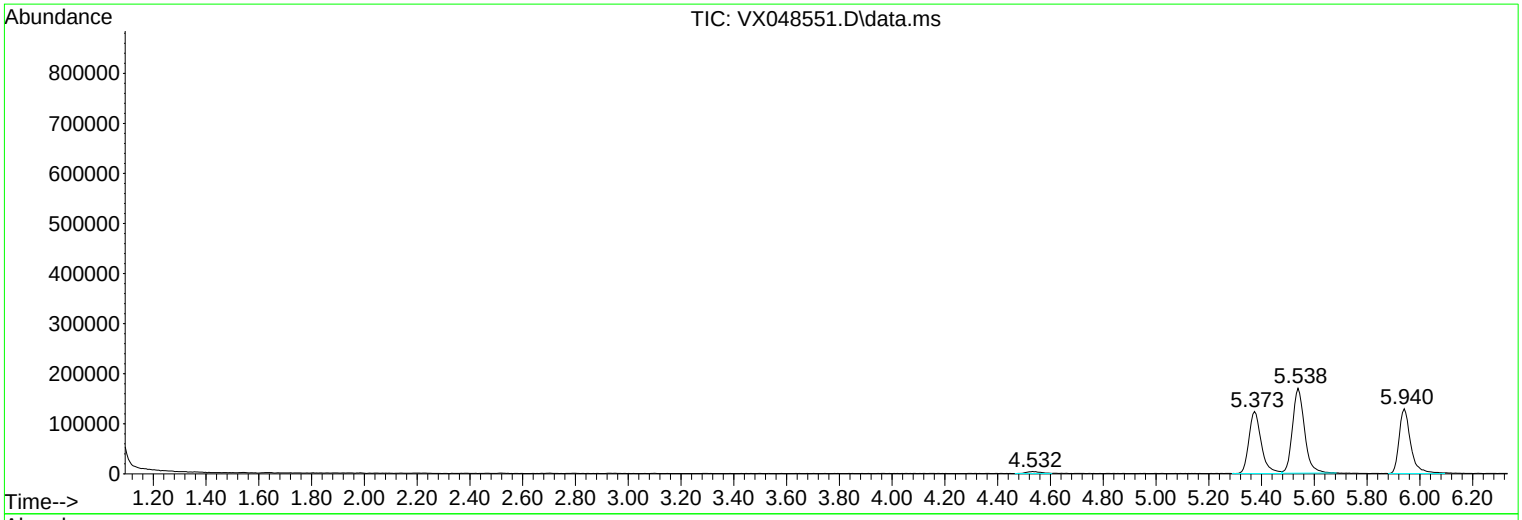
Sample Results: **VX048551.D**

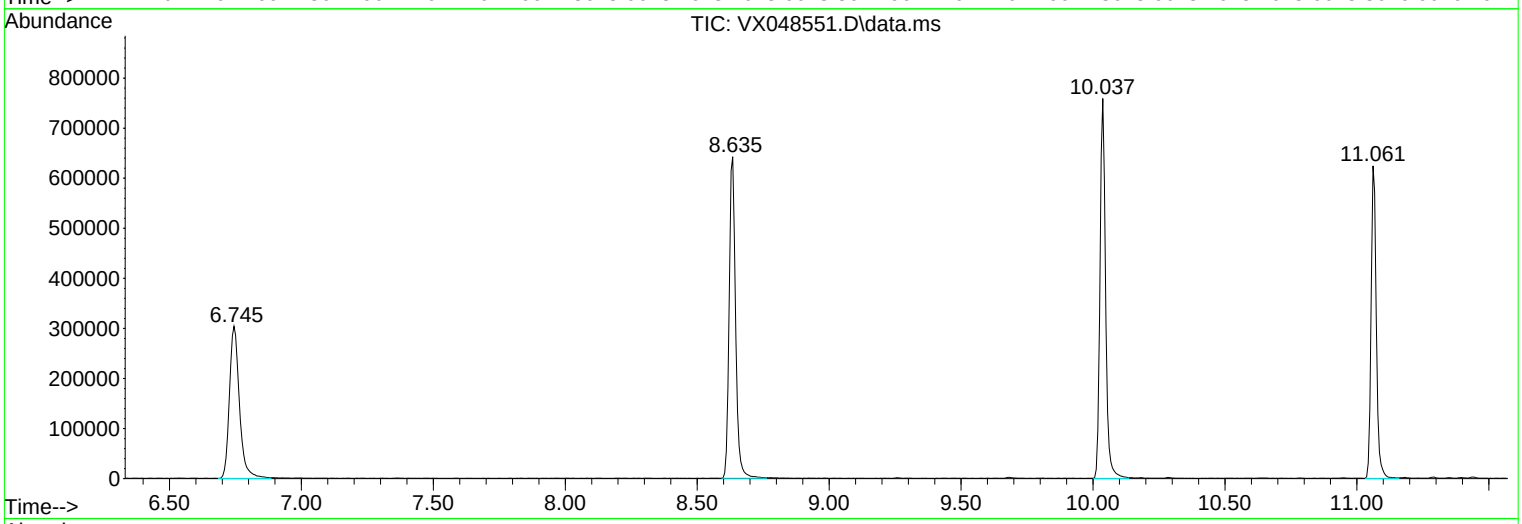
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

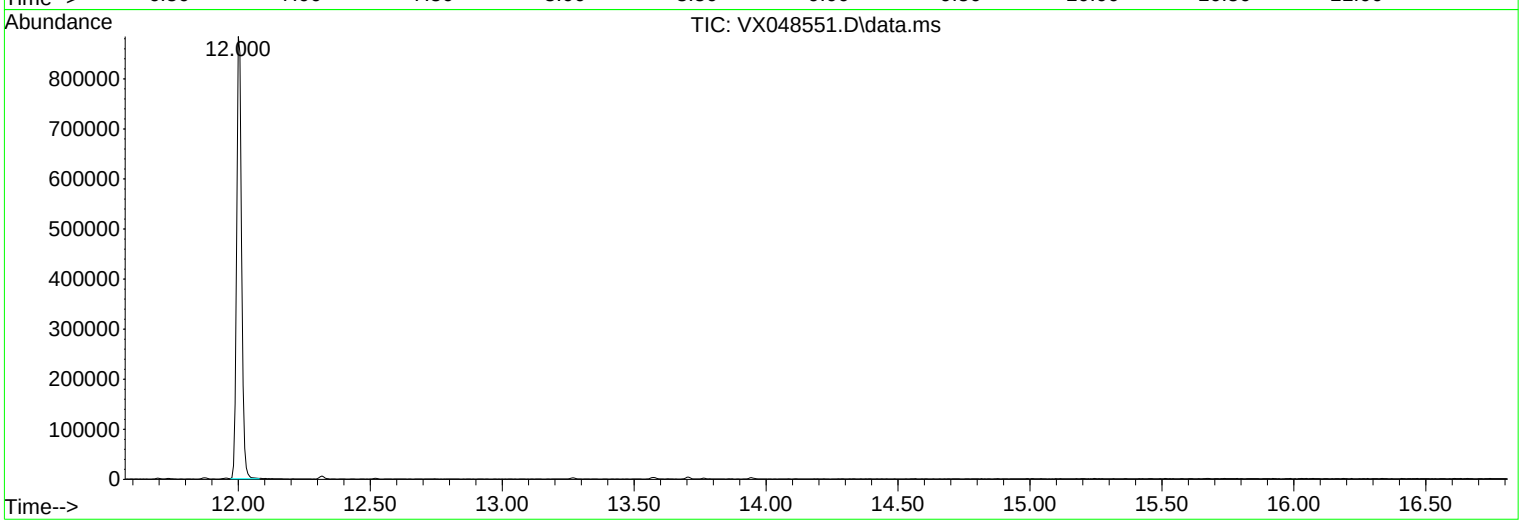
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

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







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

A
B
C
D
E
F
G
H
I
J

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

Sample Results: **VX048530.D**

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

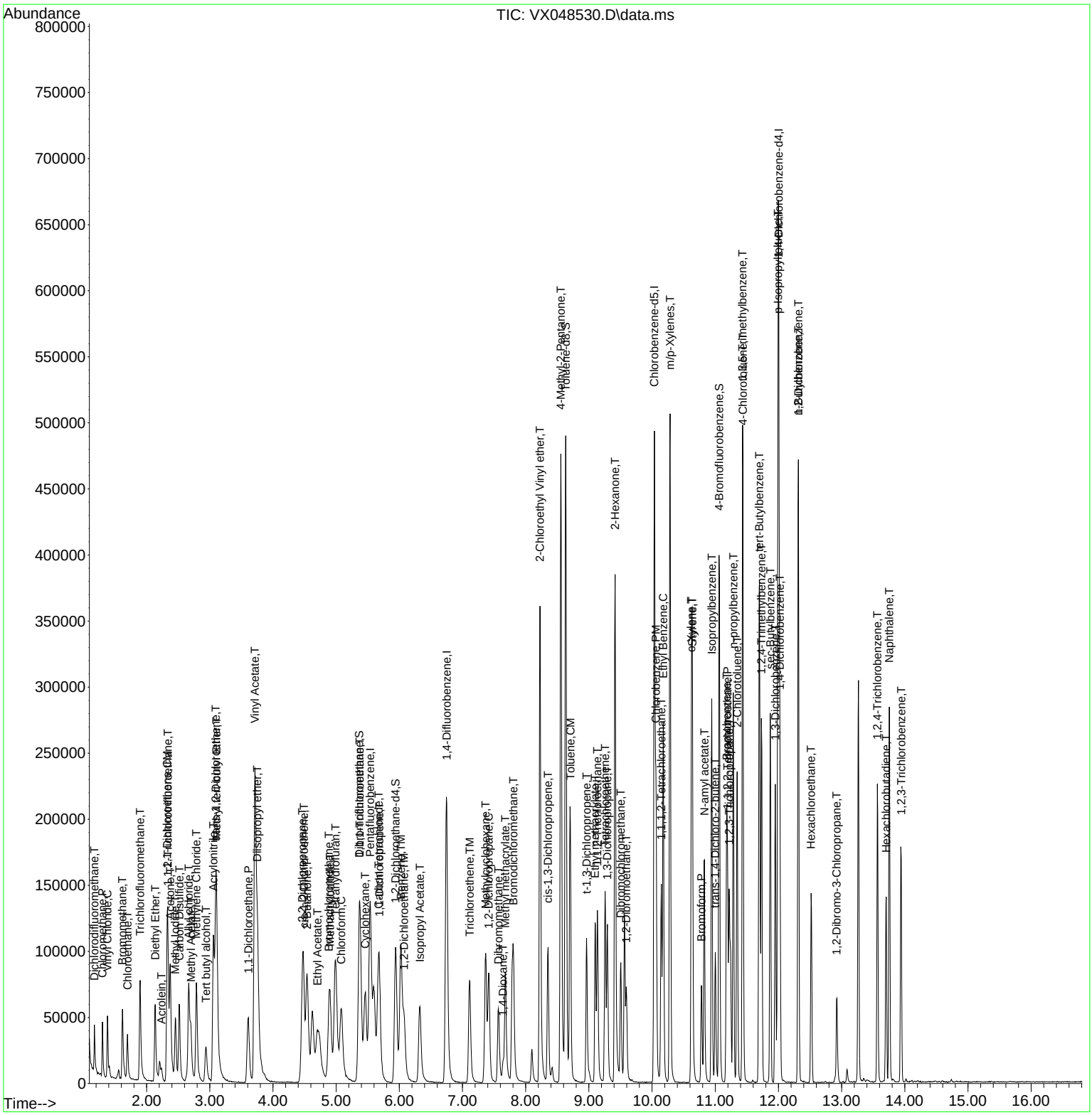
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

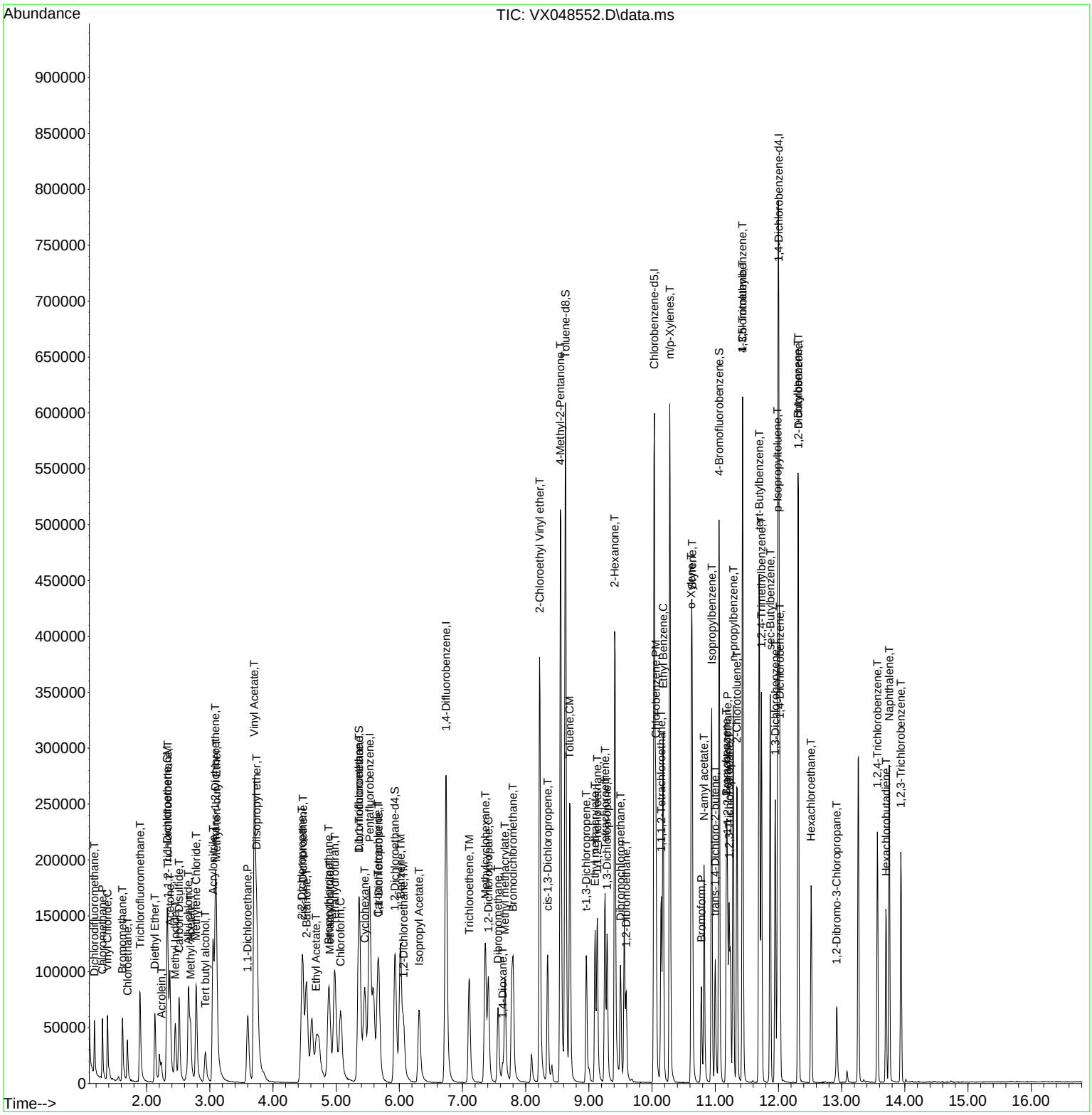
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

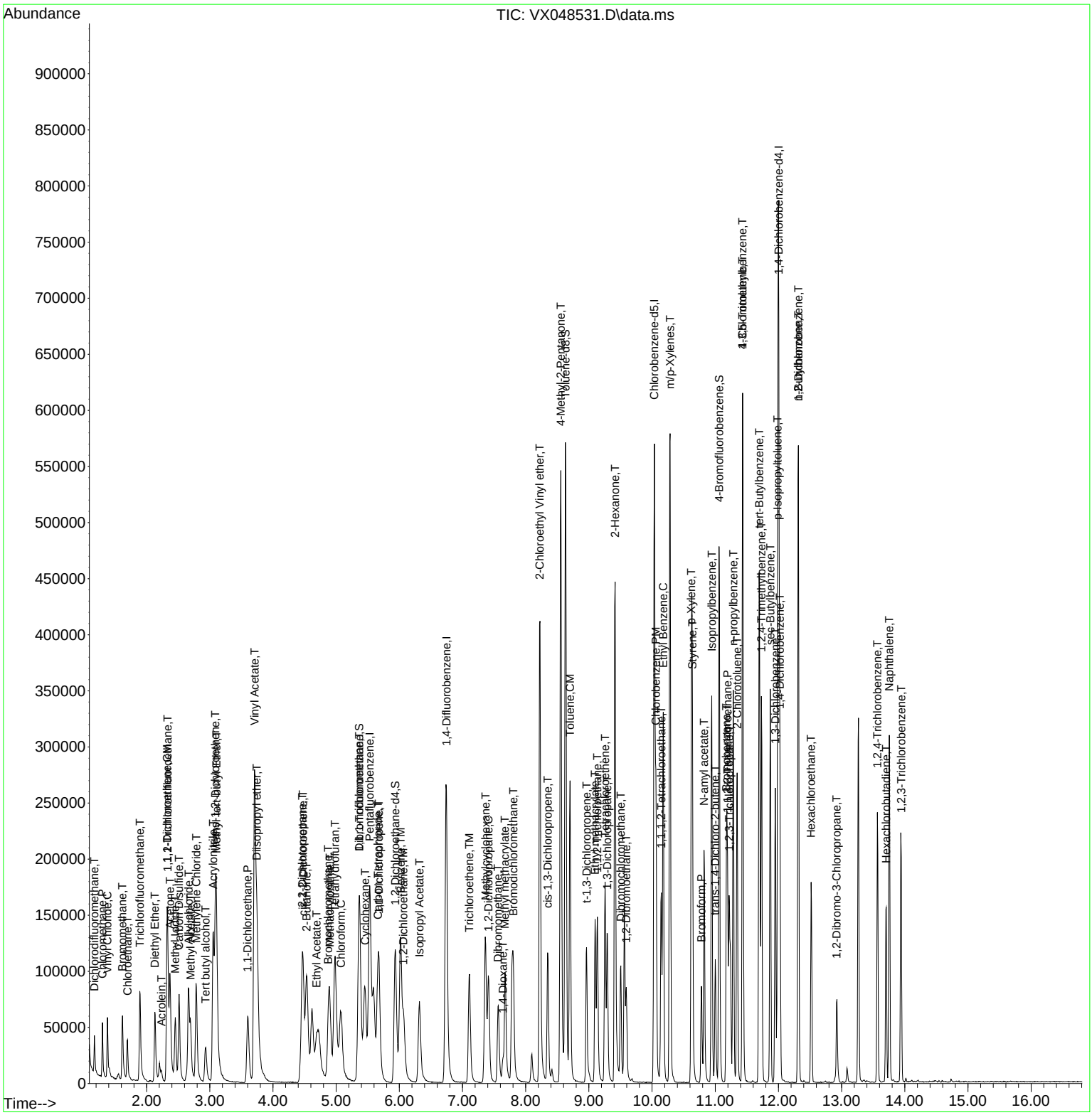
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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



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

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

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

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:	Q3584	**OrderDate:**	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/11/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-06	**TB-3**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/11/25	