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

Hit Summary Sheet
SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**TW-1025-1**							
Q3495-03	TW-1025-1	Water	Acetone	4.70	J	1.50	5.00	ug/L
Q3495-03	TW-1025-1	Water	Methyl tert-butyl Ether	2.60		0.16	1.00	ug/L
			Total Voc :	7.30				
			Total Concentration:	7.30				
Client ID:	**TW-1025-1RE**							
Q3495-03RE	TW-1025-1RE	Water	Acetone	3.00	J	1.50	5.00	ug/L
Q3495-03RE	TW-1025-1RE	Water	Methyl tert-butyl Ether	1.90		0.16	1.00	ug/L
			Total Voc :	4.90				
			Total Concentration:	4.90				

SAMPLE DATA

Raw Data: **VY023631.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 75.1
Sample Wt/Vol:	5.66 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
74-87-3	Chloromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-01-4	Vinyl Chloride	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
74-83-9	Bromomethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-00-3	Chloroethane	1.50	U	1	1.50	5.90	ug/Kg	10/30/25 14:37	VY103025
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
67-64-1	Acetone	5.60	U	1	5.60	29.4	ug/Kg	10/30/25 14:37	VY103025
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
1634-04-4	Methyl tert-butyl Ether	0.86	U	1	0.86	5.90	ug/Kg	10/30/25 14:37	VY103025
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
75-09-2	Methylene Chloride	4.20	U	1	4.20	11.8	ug/Kg	10/30/25 14:37	VY103025
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
75-34-3	1,1-Dichloroethane	0.94	U	1	0.94	5.90	ug/Kg	10/30/25 14:37	VY103025
110-82-7	Cyclohexane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
78-93-3	2-Butanone	7.70	U	1	7.70	29.4	ug/Kg	10/30/25 14:37	VY103025
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
156-59-2	cis-1,2-Dichloroethene	0.88	U	1	0.88	5.90	ug/Kg	10/30/25 14:37	VY103025
74-97-5	Bromochloromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
67-66-3	Chloroform	0.99	U	1	0.99	5.90	ug/Kg	10/30/25 14:37	VY103025
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
71-43-2	Benzene	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
107-06-2	1,2-Dichloroethane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
79-01-6	Trichloroethene	0.95	U	1	0.95	5.90	ug/Kg	10/30/25 14:37	VY103025
78-87-5	1,2-Dichloropropane	1.10	UQ	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
75-27-4	Bromodichloromethane	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
108-10-1	4-Methyl-2-Pentanone	4.20	U	1	4.20	29.4	ug/Kg	10/30/25 14:37	VY103025
108-88-3	Toluene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-02-6	t-1,3-Dichloropropene	0.76	U	1	0.76	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-01-5	cis-1,3-Dichloropropene	0.73	U	1	0.73	5.90	ug/Kg	10/30/25 14:37	VY103025
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
591-78-6	2-Hexanone	4.30	U	1	4.30	29.4	ug/Kg	10/30/25 14:37	VY103025
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
100-41-4	Ethyl Benzene	0.79	U	1	0.79	5.90	ug/Kg	10/30/25 14:37	VY103025
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.8	ug/Kg	10/30/25 14:37	VY103025
95-47-6	o-Xylene	0.96	U	1	0.96	5.90	ug/Kg	10/30/25 14:37	VY103025
100-42-5	Styrene	0.84	U	1	0.84	5.90	ug/Kg	10/30/25 14:37	VY103025
75-25-2	Bromoform	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	75.1
Sample Wt/Vol:	5.66 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.90	ug/Kg	10/30/25 14:37	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	5.90	ug/Kg	10/30/25 14:37	VY103025
120-82-1	1,2,4-Trichlorobenzene	3.50	U	1	3.50	5.90	ug/Kg	10/30/25 14:37	VY103025
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.90	ug/Kg	10/30/25 14:37	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	49.4			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.4			17 - 146	85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	765000							
540-36-3	1,4-Difluorobenzene	1280000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	427000							

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

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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	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	10/31/25 13:46	VX103125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/31/25 13:46	VX103125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/31/25 13:46	VX103125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/31/25 13:46	VX103125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/31/25 13:46	VX103125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/31/25 13:46	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
67-64-1	Acetone	4.70	J	1	1.50	5.00	ug/L	10/31/25 13:46	VX103125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/31/25 13:46	VX103125
1634-04-4	Methyl tert-butyl Ether	2.60		1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/31/25 13:46	VX103125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/31/25 13:46	VX103125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/31/25 13:46	VX103125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/31/25 13:46	VX103125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/31/25 13:46	VX103125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/31/25 13:46	VX103125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/31/25 13:46	VX103125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/31/25 13:46	VX103125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/31/25 13:46	VX103125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/31/25 13:46	VX103125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/31/25 13:46	VX103125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 13:46	VX103125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/31/25 13:46	VX103125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/31/25 13:46	VX103125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/31/25 13:46	VX103125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125

Raw Data: **VX048428.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	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	10/31/25 13:46	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/31/25 13:46	VX103125
541-73-1	1,3-Dichlorobenzene	0.16	UQ	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
106-46-7	1,4-Dichlorobenzene	0.19	UQ	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/31/25 13:46	VX103125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.4			74 - 125	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	57.3			75 - 124	115%	SPK: 50		
2037-26-5	Toluene-d8	48.1			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	121000							
540-36-3	1,4-Difluorobenzene	239000							
3114-55-4	Chlorobenzene-d5	247000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

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: **VX048456.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1RE	SDG No.:	Q3495
Lab Sample ID:	Q3495-03RE	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	11/03/25 14:59	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 14:59	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 14:59	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 14:59	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 14:59	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 14:59	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
67-64-1	Acetone	3.00	J	1	1.50	5.00	ug/L	11/03/25 14:59	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 14:59	VX110325
1634-04-4	Methyl tert-butyl Ether	1.90		1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 14:59	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 14:59	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 14:59	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 14:59	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 14:59	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 14:59	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 14:59	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 14:59	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 14:59	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 14:59	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 14:59	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 14:59	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 14:59	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 14:59	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 14:59	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325

Raw Data: **VX048456.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1RE	SDG No.:	Q3495
Lab Sample ID:	Q3495-03RE	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	11/03/25 14:59	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 14:59	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 14:59	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.8			74 - 125	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.0			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	38.7	*		86 - 113	77%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			77 - 121	79%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	146000							
540-36-3	1,4-Difluorobenzene	263000							
3114-55-4	Chlorobenzene-d5	207000							
3855-82-1	1,4-Dichlorobenzene-d4	101000							

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

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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/24/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TB	SDG No.:	Q3495
Lab Sample ID:	Q3495-04	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	11/03/25 15:20	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 15:20	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 15:20	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 15:20	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 15:20	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 15:20	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/03/25 15:20	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 15:20	VX110325
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 15:20	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 15:20	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 15:20	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 15:20	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 15:20	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 15:20	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 15:20	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 15:20	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 15:20	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 15:20	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 15:20	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 15:20	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 15:20	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 15:20	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 15:20	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325

Raw Data: **VX048457.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:	10/24/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TB	SDG No.:	Q3495
Lab Sample ID:	Q3495-04	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	11/03/25 15:20	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 15:20	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 15:20	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.4			74 - 125	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	58.9			75 - 124	118%	SPK: 50		
2037-26-5	Toluene-d8	43.2			86 - 113	86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.5			77 - 121	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	163000							
540-36-3	1,4-Difluorobenzene	253000							
3114-55-4	Chlorobenzene-d5	219000							
3855-82-1	1,4-Dichlorobenzene-d4	107000							

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.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3495-02	SB-1025-2	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	50.3	101		70	134
		Toluene-d8	50	49.4	99		74	123
		4-Bromofluorobenzene	50	42.4	85		17	146
VY1030SBL01	VY1030SBL01	1,2-Dichloroethane-d4	50	55.9	112		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	49.6	99		74	123
		4-Bromofluorobenzene	50	41.4	83		17	146
VY1030SBS01	VY1030SBS01	1,2-Dichloroethane-d4	50	48.8	98		63	155
		Dibromofluoromethane	50	51.5	103		70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	49.9	100		17	146
VY1030SBSD01	VY1030SBSD01	1,2-Dichloroethane-d4	50	52.8	106		63	155
		Dibromofluoromethane	50	54.1	108		70	134
		Toluene-d8	50	53.1	106		74	123
		4-Bromofluorobenzene	50	51.9	104		17	146

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

Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3495-03	TW-1025-1	1,2-Dichloroethane-d4	50	60.4	121		74	125
		Dibromofluoromethane	50	57.3	115		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	58.2	116		77	121
Q3495-03RE	TW-1025-1RE	1,2-Dichloroethane-d4	50	47.8	96		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	38.7	77	*	86	113
		4-Bromofluorobenzene	50	39.4	79		77	121
Q3495-04	TB	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	58.9	118		75	124
		Toluene-d8	50	43.2	86		86	113
		4-Bromofluorobenzene	50	43.5	87		77	121
VX1031WBL01	VX1031WBL01	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	57.6	115		77	121
VX1031WBS01	VX1031WBS01	1,2-Dichloroethane-d4	50	57.7	115		74	125
		Dibromofluoromethane	50	53.7	107		75	124
		Toluene-d8	50	52.9	106		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1031WBSD0	VX1031WBSD01	1,2-Dichloroethane-d4	50	52.5	105		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
VX1103WBL01	VX1103WBL01	1,2-Dichloroethane-d4	50	52.7	105		74	125
		Dibromofluoromethane	50	59.8	120		75	124
		Toluene-d8	50	45.5	91		86	113
		4-Bromofluorobenzene	50	48.3	97		77	121
VX1103WBS01	VX1103WBS01	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	43.8	88		86	113
		4-Bromofluorobenzene	50	43.5	87		77	121

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			69	116	
	Chloromethane	20	18.1	ug/L	91			65	116	
	Vinyl chloride	20	17.4	ug/L	87			65	117	
	Bromomethane	20	20.4	ug/L	102			58	125	
	Chloroethane	20	17.7	ug/L	89			56	128	
	Trichlorofluoromethane	20	17.5	ug/L	88			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89			80	112	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acetone	100	90.6	ug/L	91			60	125	
	Carbon disulfide	20	17.8	ug/L	89			64	112	
	Methyl tert-butyl Ether	20	18.4	ug/L	92			78	114	
	Methyl Acetate	20	16.6	ug/L	83			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	108	
	1,1-Dichloroethane	20	18.2	ug/L	91			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	92.3	ug/L	92			65	122	
	Carbon Tetrachloride	20	16.9	ug/L	85			77	113	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			77	110	
	Bromochloromethane	20	15.3	ug/L	77			70	124	
	Chloroform	20	18.2	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.0	ug/L	90			80	108	
	Methylcyclohexane	20	16.2	ug/L	81			72	115	
	Benzene	20	17.7	ug/L	89			82	109	
	1,2-Dichloroethane	20	18.2	ug/L	91			80	115	
	Trichloroethene	20	17.4	ug/L	87			77	113	
	1,2-Dichloropropane	20	17.8	ug/L	89			83	111	
	Bromodichloromethane	20	18.3	ug/L	92			83	110	
	4-Methyl-2-Pentanone	100	90.4	ug/L	90			74	118	
	Toluene	20	17.8	ug/L	89			82	110	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	17.9	ug/L	90			83	112	
	2-Hexanone	100	88.8	ug/L	89			73	117	
	Dibromochloromethane	20	17.9	ug/L	90			82	110	
	1,2-Dibromoethane	20	17.9	ug/L	90			81	110	
	Tetrachloroethene	20	16.1	ug/L	81			67	123	
	Chlorobenzene	20	16.8	ug/L	84			82	109	
	Ethyl Benzene	20	16.8	ug/L	84			83	109	
	m/p-Xylenes	40	34.2	ug/L	86			82	110	
	o-Xylene	20	17.0	ug/L	85			83	109	
	Styrene	20	17.1	ug/L	86			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	16.5	ug/L	83			83	112	
	1,1,2,2-Tetrachloroethane	20	16.8	ug/L	84			76	118	
	1,3-Dichlorobenzene	20	16.1	ug/L	81		*	82	108	
	1,4-Dichlorobenzene	20	16.1	ug/L	81		*	82	107	
	1,2-Dichlorobenzene	20	16.6	ug/L	83			82	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBS01	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	16.2	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.1	ug/L	81			76	114	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBSD01	Dichlorodifluoromethane	20	18.5	ug/L	93	9		69	116	19
	Chloromethane	20	19.4	ug/L	97	6		65	116	21
	Vinyl chloride	20	18.2	ug/L	91	4		65	117	19
	Bromomethane	20	21.1	ug/L	106	4		58	125	20
	Chloroethane	20	17.8	ug/L	89	0		56	128	20
	Trichlorofluoromethane	20	18.4	ug/L	92	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96	8		80	112	15
	1,1-Dichloroethene	20	18.5	ug/L	93	4		74	110	20
	Acetone	100	95.9	ug/L	96	5		60	125	20
	Carbon disulfide	20	18.6	ug/L	93	4		64	112	20
	Methyl tert-butyl Ether	20	18.9	ug/L	95	3		78	114	20
	Methyl Acetate	20	17.7	ug/L	89	7		67	125	20
	Methylene Chloride	20	18.8	ug/L	94	1		72	114	20
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	3		75	108	16
	1,1-Dichloroethane	20	18.8	ug/L	94	3		78	112	20
	Cyclohexane	20	19.2	ug/L	96	8		75	110	20
	2-Butanone	100	99.3	ug/L	99	7		65	122	26
	Carbon Tetrachloride	20	18.4	ug/L	92	8		77	113	15
	cis-1,2-Dichloroethene	20	18.6	ug/L	93	4		77	110	20
	Bromochloromethane	20	15.7	ug/L	79	3		70	124	20
	Chloroform	20	19.2	ug/L	96	5		79	113	20
	1,1,1-Trichloroethane	20	18.9	ug/L	95	5		80	108	20
	Methylcyclohexane	20	18.6	ug/L	93	14		72	115	20
	Benzene	20	19.1	ug/L	96	8		82	109	15
	1,2-Dichloroethane	20	18.8	ug/L	94	3		80	115	20
	Trichloroethene	20	18.6	ug/L	93	7		77	113	15
	1,2-Dichloropropane	20	18.9	ug/L	95	7		83	111	16
	Bromodichloromethane	20	19.0	ug/L	95	3		83	110	16
	4-Methyl-2-Pentanone	100	98.2	ug/L	98	9		74	118	25
	Toluene	20	19.2	ug/L	96	8		82	110	16
	t-1,3-Dichloropropene	20	20.2	ug/L	101	7		79	110	20
	cis-1,3-Dichloropropene	20	20.1	ug/L	101	7		82	110	16
	1,1,2-Trichloroethane	20	19.3	ug/L	97	7		83	112	20
	2-Hexanone	100	100	ug/L	100	12		73	117	25
	Dibromochloromethane	20	19.5	ug/L	98	9		82	110	20
	1,2-Dibromoethane	20	19.9	ug/L	100	11		81	110	20
	Tetrachloroethene	20	19.0	ug/L	95	16	*	67	123	15
	Chlorobenzene	20	19.0	ug/L	95	12		82	109	15
	Ethyl Benzene	20	19.1	ug/L	96	13		83	109	16
	m/p-Xylenes	40	38.6	ug/L	97	12		82	110	15
	o-Xylene	20	19.3	ug/L	97	13		83	109	20
	Styrene	20	19.6	ug/L	98	13		80	111	17
	Bromoform	20	19.6	ug/L	98	13		79	109	20
	Isopropylbenzene	20	19.2	ug/L	96	15		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	14		76	118	20
	1,3-Dichlorobenzene	20	18.8	ug/L	94	15		82	108	20
	1,4-Dichlorobenzene	20	18.7	ug/L	94	15		82	107	15
	1,2-Dichlorobenzene	20	19.2	ug/L	96	15		82	109	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96	16		68	112	20
	1,2,4-Trichlorobenzene	20	18.8	ug/L	94	15		75	113	29
	1,2,3-Trichlorobenzene	20	19.3	ug/L	97	18		76	114	29

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048449.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1103WBS01	Dichlorodifluoromethane	20	17.2	ug/L	86			69	116	
	Chloromethane	20	20.5	ug/L	103			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	20.1	ug/L	101			58	125	
	Chloroethane	20	17.0	ug/L	85			56	128	
	Trichlorofluoromethane	20	17.3	ug/L	86			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101			80	112	
	1,1-Dichloroethene	20	20.2	ug/L	101			74	110	
	Acetone	100	88.6	ug/L	89			60	125	
	Carbon disulfide	20	16.9	ug/L	85			64	112	
	Methyl tert-butyl Ether	20	17.4	ug/L	87			78	114	
	Methyl Acetate	20	16.0	ug/L	80			67	125	
	Methylene Chloride	20	17.1	ug/L	86			72	114	
	trans-1,2-Dichloroethene	20	16.9	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.4	ug/L	87			78	112	
	Cyclohexane	20	19.7	ug/L	99			75	110	
	2-Butanone	100	82.0	ug/L	82			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	cis-1,2-Dichloroethene	20	16.6	ug/L	83			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	18.5	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			80	108	
	Methylcyclohexane	20	16.6	ug/L	83			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.2	ug/L	91			80	115	
	Trichloroethene	20	17.5	ug/L	88			77	113	
	1,2-Dichloropropane	20	17.1	ug/L	86			83	111	
	Bromodichloromethane	20	18.3	ug/L	92			83	110	
	4-Methyl-2-Pentanone	100	86.6	ug/L	87			74	118	
	Toluene	20	17.6	ug/L	88			82	110	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	18.4	ug/L	92			82	110	
	1,1,2-Trichloroethane	20	18.0	ug/L	90			83	112	
	2-Hexanone	100	86.4	ug/L	86			73	117	
	Dibromochloromethane	20	18.2	ug/L	91			82	110	
	1,2-Dibromoethane	20	17.8	ug/L	89			81	110	
	Tetrachloroethene	20	19.8	ug/L	99			67	123	
	Chlorobenzene	20	20.7	ug/L	104			82	109	
	Ethyl Benzene	20	20.5	ug/L	103			83	109	
	m/p-Xylenes	40	42.2	ug/L	106			82	110	
	o-Xylene	20	20.7	ug/L	104			83	109	
	Styrene	20	21.2	ug/L	106			80	111	
	Bromoform	20	21.3	ug/L	106			79	109	
	Isopropylbenzene	20	20.5	ug/L	103			83	112	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103			76	118	
	1,3-Dichlorobenzene	20	19.7	ug/L	99			82	108	
	1,4-Dichlorobenzene	20	20.2	ug/L	101			82	107	
	1,2-Dichlorobenzene	20	20.3	ug/L	102			82	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048449.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1103WBS01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			68	112	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			75	113	
	1,2,3-Trichlorobenzene	20	20.2	ug/L	101			76	114	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBS01	Dichlorodifluoromethane	20	21.0	ug/Kg	105			64	136	
	Chloromethane	20	20.3	ug/Kg	102			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	20.5	ug/Kg	103			58	141	
	Chloroethane	20	21.2	ug/Kg	106			69	130	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115			81	123	
	1,1-Dichloroethene	20	22.1	ug/Kg	111			79	121	
	Acetone	100	140	ug/Kg	140			40	171	
	Carbon disulfide	20	20.8	ug/Kg	104			59	130	
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			69	149	
	Methylene Chloride	20	21.1	ug/Kg	106			72	131	
	trans-1,2-Dichloroethene	20	21.9	ug/Kg	110			80	123	
	1,1-Dichloroethane	20	23.1	ug/Kg	116			82	123	
	Cyclohexane	20	21.9	ug/Kg	110			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	22.5	ug/Kg	113			82	123	
	Bromochloromethane	20	22.4	ug/Kg	112			80	127	
	Chloroform	20	23.2	ug/Kg	116			82	125	
	1,1,1-Trichloroethane	20	23.3	ug/Kg	117			80	126	
	Methylcyclohexane	20	21.6	ug/Kg	108			77	123	
	Benzene	20	23.3	ug/Kg	117			84	121	
	1,2-Dichloroethane	20	22.1	ug/Kg	111			81	126	
	Trichloroethene	20	22.6	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	23.3	ug/Kg	117			83	122	
	Bromodichloromethane	20	22.7	ug/Kg	114			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	23.0	ug/Kg	115			83	122	
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106			78	124	
	cis-1,3-Dichloropropene	20	22.1	ug/Kg	111			81	122	
	1,1,2-Trichloroethane	20	22.2	ug/Kg	111			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	21.7	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	21.0	ug/Kg	105			80	125	
	Tetrachloroethene	20	22.4	ug/Kg	112			83	125	
	Chlorobenzene	20	22.6	ug/Kg	113			84	122	
	Ethyl Benzene	20	22.7	ug/Kg	114			82	124	
	m/p-Xylenes	40	46.0	ug/Kg	115			83	124	
	o-Xylene	20	22.3	ug/Kg	112			83	123	
	Styrene	20	22.6	ug/Kg	113			82	124	
	Bromoform	20	21.2	ug/Kg	106			75	127	
	Isopropylbenzene	20	22.8	ug/Kg	114			82	124	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	22.4	ug/Kg	112			83	122	
	1,4-Dichlorobenzene	20	22.3	ug/Kg	112			84	121	
	1,2-Dichlorobenzene	20	22.2	ug/Kg	111			83	124	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	20.6	ug/Kg	103			78	127	
	1,2,3-Trichlorobenzene	20	19.8	ug/Kg	99			70	137	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023623.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBSD01	Dichlorodifluoromethane	20	22.0	ug/Kg	110	5		64	136	20
	Chloromethane	20	20.8	ug/Kg	104	2		52	151	20
	Vinyl chloride	20	21.3	ug/Kg	106	5		56	148	20
	Bromomethane	20	21.0	ug/Kg	105	2		58	141	20
	Chloroethane	20	22.1	ug/Kg	111	5		69	130	20
	Trichlorofluoromethane	20	22.3	ug/Kg	112	7		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	24.0	ug/Kg	120	4		81	123	20
	1,1-Dichloroethene	20	22.6	ug/Kg	113	2		79	121	20
	Acetone	100	150	ug/Kg	150	7		40	171	20
	Carbon disulfide	20	21.7	ug/Kg	109	5		59	130	20
	Methyl tert-butyl Ether	20	21.5	ug/Kg	108	6		77	129	20
	Methyl Acetate	20	20.1	ug/Kg	101	9		69	149	20
	Methylene Chloride	20	22.1	ug/Kg	111	5		72	131	20
	trans-1,2-Dichloroethene	20	23.1	ug/Kg	116	5		80	123	20
	1,1-Dichloroethane	20	24.3	ug/Kg	121	4		82	123	20
	Cyclohexane	20	22.1	ug/Kg	111	1		76	122	20
	2-Butanone	100	130	ug/Kg	130	8		69	131	20
	Carbon Tetrachloride	20	24.0	ug/Kg	120	3		76	129	20
	cis-1,2-Dichloroethene	20	23.1	ug/Kg	116	3		82	123	20
	Bromochloromethane	20	23.2	ug/Kg	116	4		80	127	20
	Chloroform	20	24.4	ug/Kg	122	5		82	125	20
	1,1,1-Trichloroethane	20	24.3	ug/Kg	121	3		80	126	20
	Methylcyclohexane	20	22.9	ug/Kg	115	6		77	123	20
	Benzene	20	24.1	ug/Kg	121	3		84	121	20
	1,2-Dichloroethane	20	23.3	ug/Kg	117	5		81	126	20
	Trichloroethene	20	23.4	ug/Kg	117	3		83	122	20
	1,2-Dichloropropane	20	24.6	ug/Kg	123	5	*	83	122	20
	Bromodichloromethane	20	23.9	ug/Kg	119	4		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	24.3	ug/Kg	121	5		83	122	20
	t-1,3-Dichloropropene	20	22.3	ug/Kg	112	6		78	124	20
	cis-1,3-Dichloropropene	20	23.8	ug/Kg	119	7		81	122	20
	1,1,2-Trichloroethane	20	23.4	ug/Kg	117	5		82	125	20
	2-Hexanone	100	120	ug/Kg	120	9		66	138	20
	Dibromochloromethane	20	23.0	ug/Kg	115	5		79	125	20
	1,2-Dibromoethane	20	22.6	ug/Kg	113	7		80	125	20
	Tetrachloroethene	20	23.0	ug/Kg	115	3		83	125	20
	Chlorobenzene	20	23.4	ug/Kg	117	3		84	122	20
	Ethyl Benzene	20	23.6	ug/Kg	118	3		82	124	20
	m/p-Xylenes	40	47.8	ug/Kg	119	3		83	124	20
	o-Xylene	20	23.5	ug/Kg	117	4		83	123	20
	Styrene	20	23.3	ug/Kg	117	3		82	124	20
	Bromoform	20	22.2	ug/Kg	111	5		75	127	20
	Isopropylbenzene	20	23.9	ug/Kg	119	4		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.5	ug/Kg	113	6		77	127	20
	1,3-Dichlorobenzene	20	23.5	ug/Kg	117	4		83	122	20
	1,4-Dichlorobenzene	20	23.5	ug/Kg	117	4		84	121	20
	1,2-Dichlorobenzene	20	23.2	ug/Kg	116	4		83	124	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3495**	**Analytical Method:**	**SW8260D**
Client:	**Remington & Vernick Engineers**	**Datafile :**	VY023623.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBSD01	1,2-Dibromo-3-Chloropropane	20	21.4	ug/Kg	107	7		66	134	20
	1,2,4-Trichlorobenzene	20	21.7	ug/Kg	109	6		78	127	20
	1,2,3-Trichlorobenzene	20	21.5	ug/Kg	108	9		70	137	20

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX1031WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048418.D Lab Sample ID: VX1031WBL01

Date Analyzed: 10/31/2025 Time Analyzed: 10:06

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
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025
TW-1025-1	Q3495-03	VX048428.D	10/31/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX1103WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048447.D Lab Sample ID: VX1103WBL01

Date Analyzed: 11/03/2025 Time Analyzed: 11:25

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
VX1103WBS01	VX1103WBS01	VX048449.D	11/03/2025
TW-1025-1RE	Q3495-03RE	VX048456.D	11/03/2025
TB	Q3495-04	VX048457.D	11/03/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VY1030SBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VY023621.D | Lab Sample ID: VY1030SBL01

Date Analyzed: 10/30/2025 | Time Analyzed: 09:40

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

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1030SBS01	VY1030SBS01	VY023622.D	10/30/2025
VY1030SBSD01	VY1030SBSD01	VY023623.D	10/30/2025
SB-1025-2	Q3495-02	VY023631.D	10/30/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VX048403.D | BFB Injection Date: 10/29/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:39

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	19.4
75	30.0 - 60.0% of mass 95	52.3
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 (1.2) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5 (6.9) 1
176	95.0 - 101.0% of mass 174	70.8 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048407.D	10/29/2025	11:12
VSTDICC005	VSTDICC005	VX048408.D	10/29/2025	11:41
VSTDICC020	VSTDICC020	VX048409.D	10/29/2025	12:01
VSTDICCC050	VSTDICCC050	VX048410.D	10/29/2025	12:22
VSTDICC100	VSTDICC100	VX048411.D	10/29/2025	12:43
VSTDICC150	VSTDICC150	VX048412.D	10/29/2025	13:03

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VX048415.D | BFB Injection Date: 10/31/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:06

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	18
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.3 (95.4) 1
177	5.0 - 9.0% of mass 176	4.6 (6.8) 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	VX048416.D	10/31/2025	09:18
VX1031WBL01	VX1031WBL01	VX048418.D	10/31/2025	10:06
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025	10:34
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025	11:00
TW-1025-1	Q3495-03	VX048428.D	10/31/2025	13:46

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VX048444.D | BFB Injection Date: 11/03/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:20

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	21.4
75	30.0 - 60.0% of mass 95	57.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.4 (7.2) 1
176	95.0 - 101.0% of mass 174	72 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048445.D	11/03/2025	09:14
VX1103WBL01	VX1103WBL01	VX048447.D	11/03/2025	11:25
VX1103WBS01	VX1103WBS01	VX048449.D	11/03/2025	12:21
TW-1025-1RE	Q3495-03RE	VX048456.D	11/03/2025	14:59
TB	Q3495-04	VX048457.D	11/03/2025	15:20

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VY023383.D | BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:43

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
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	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VY023619.D | BFB Injection Date: 10/30/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:39

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.8
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.2 (1.2) 1
174	50.0 - 100.0% of mass 95	94.6
175	5.0 - 9.0% of mass 174	6.9 (7.3) 1
176	95.0 - 101.0% of mass 174	90.7 (95.8) 1
177	5.0 - 9.0% of mass 176	6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023620.D	10/30/2025	09:09
VY1030SBL01	VY1030SBL01	VY023621.D	10/30/2025	09:40
VY1030SBS01	VY1030SBS01	VY023622.D	10/30/2025	10:36
VY1030SBSD01	VY1030SBSD01	VY023623.D	10/30/2025	11:09
SB-1025-2	Q3495-02	VY023631.D	10/30/2025	14:37

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

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	152790	5.53	255523	6.74	229228	10.04
UPPER LIMIT	305580	6.031	511046	7.239	458456	10.537
LOWER LIMIT	76395	5.031	127762	6.239	114614	9.537
EPA SAMPLE NO.						
TW-1025-1	121387	5.54	239256	6.75	246924	10.04
VX1031WBL01	109923	5.54	221003	6.75	229713	10.04
VX1031WBS01	179964	5.53	315014	6.74	292819	10.04
VX1031WBSD01	161570	5.53	274506	6.74	244643	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

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

	IS4 AREA #	RT #				
12 HOUR STD	111736	12				
UPPER LIMIT	223472	12.5				
LOWER LIMIT	55868	11.5				
EPA SAMPLE NO.						
TW-1025-1	124979	12.01				
VX1031WBL01	119652	12.01				
VX1031WBS01	146834	12.01				
VX1031WBSD01	120989	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048445.D Date Analyzed: 11/03/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

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	182398	5.53	256609	6.74	229985	10.04
UPPER LIMIT	364796	6.032	513218	7.239	459970	10.537
LOWER LIMIT	91199	5.032	128305	6.239	114993	9.537
EPA SAMPLE NO.						
TW-1025-1RE	146009	5.54	263069	6.75	207013	10.04
TB	163243	5.54	253289	6.75	218816	10.04
VX1103WBL01	160467	5.53	268071	6.74	290044	10.04
VX1103WBS01	172640	5.53	288363	6.74	217740	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048445.D Date Analyzed: 11/03/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

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

	IS4 AREA #	RT #				
12 HOUR STD	116056	12				
UPPER LIMIT	232112	12.5				
LOWER LIMIT	58028	11.5				
EPA SAMPLE NO.						
TW-1025-1RE	101418	12.01				
TB	107167	12.01				
VX1103WBL01	117306	12.01				
VX1103WBS01	110522	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VY023620.D Date Analyzed: 10/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:09

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	476273	7.71	677359	8.62	596160	11.42
UPPER LIMIT	952546	8.213	1354720	9.116	1192320	11.92
LOWER LIMIT	238137	7.213	338680	8.116	298080	10.92
EPA SAMPLE NO.						
SB-1025-2	765269	7.71	1282589	8.62	1076446	11.42
VY1030SBL01	742027	7.71	1269076	8.62	1061841	11.42
VY1030SBS01	459671	7.71	679981	8.62	588601	11.41
VY1030SBSD01	451310	7.71	657731	8.62	578799	11.42

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VY023620.D Date Analyzed: 10/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:09

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

	IS4 AREA #	RT #				
12 HOUR STD	319486	13.346				
UPPER LIMIT	638972	13.846				
LOWER LIMIT	159743	12.846				
EPA SAMPLE NO.						
SB-1025-2	427496	13.35				
VY1030SBL01	422864	13.35				
VY1030SBS01	307493	13.35				
VY1030SBSD01	300735	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

Raw Data: **VX048418.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBL01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBL01			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	10/31/25 10:06	VX103125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/31/25 10:06	VX103125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/31/25 10:06	VX103125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/31/25 10:06	VX103125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/31/25 10:06	VX103125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/31/25 10:06	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	10/31/25 10:06	VX103125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/31/25 10:06	VX103125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/31/25 10:06	VX103125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/31/25 10:06	VX103125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/31/25 10:06	VX103125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/31/25 10:06	VX103125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/31/25 10:06	VX103125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/31/25 10:06	VX103125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/31/25 10:06	VX103125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/31/25 10:06	VX103125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/31/25 10:06	VX103125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/31/25 10:06	VX103125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/31/25 10:06	VX103125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 10:06	VX103125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/31/25 10:06	VX103125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/31/25 10:06	VX103125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/31/25 10:06	VX103125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125

Raw Data: **VX048418.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBL01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBL01			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	10/31/25 10:06	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/31/25 10:06	VX103125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/31/25 10:06	VX103125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.9			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.6			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	110000							
540-36-3	1,4-Difluorobenzene	221000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	120000							

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: **VX048447.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:	Maclearie Park	Date Received:	
Client Sample ID:	VX1103WBL01	SDG No.:	Q3495
Lab Sample ID:	VX1103WBL01	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	11/03/25 11:25	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 11:25	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 11:25	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 11:25	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 11:25	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 11:25	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/03/25 11:25	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 11:25	VX110325
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 11:25	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 11:25	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 11:25	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 11:25	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 11:25	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 11:25	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 11:25	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 11:25	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 11:25	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 11:25	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 11:25	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 11:25	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 11:25	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 11:25	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 11:25	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325

Raw Data: **VX048447.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:	Maclearie Park	Date Received:	
Client Sample ID:	VX1103WBL01	SDG No.:	Q3495
Lab Sample ID:	VX1103WBL01	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	11/03/25 11:25	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 11:25	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 11:25	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.7			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.8			75 - 124	120%	SPK: 50		
2037-26-5	Toluene-d8	45.5			86 - 113	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			77 - 121	97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	160000							
540-36-3	1,4-Difluorobenzene	268000							
3114-55-4	Chlorobenzene-d5	290000							
3855-82-1	1,4-Dichlorobenzene-d4	117000							

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: **VY023621.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:	Maclearie Park	Date Received:	
Client Sample ID:	VY1030SBL01	SDG No.:	Q3495
Lab Sample ID:	VY1030SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/30/25 09:40	VY103025
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/30/25 09:40	VY103025
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/30/25 09:40	VY103025
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/30/25 09:40	VY103025
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/30/25 09:40	VY103025
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/30/25 09:40	VY103025
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/30/25 09:40	VY103025
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/30/25 09:40	VY103025
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/30/25 09:40	VY103025
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/30/25 09:40	VY103025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/30/25 09:40	VY103025
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/30/25 09:40	VY103025
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/30/25 09:40	VY103025
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/30/25 09:40	VY103025
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/30/25 09:40	VY103025
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/30/25 09:40	VY103025
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/30/25 09:40	VY103025
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/30/25 09:40	VY103025
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/30/25 09:40	VY103025
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/30/25 09:40	VY103025
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/30/25 09:40	VY103025
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/30/25 09:40	VY103025
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/30/25 09:40	VY103025
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/30/25 09:40	VY103025
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/30/25 09:40	VY103025
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/30/25 09:40	VY103025

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:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBL01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/30/25 09:40	VY103025
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/30/25 09:40	VY103025
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/30/25 09:40	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/30/25 09:40	VY103025
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/30/25 09:40	VY103025
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/30/25 09:40	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.9			63 - 155	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	49.6			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.4			17 - 146	83%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	742000							
540-36-3	1,4-Difluorobenzene	1270000							
3114-55-4	Chlorobenzene-d5	1060000							
3855-82-1	1,4-Dichlorobenzene-d4	423000							

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: **VX048419.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBS01			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	17.0		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
74-87-3	Chloromethane	18.1		1	0.32	1.00	ug/L	10/31/25 10:34	VX103125
75-01-4	Vinyl Chloride	17.4		1	0.26	1.00	ug/L	10/31/25 10:34	VX103125
74-83-9	Bromomethane	20.4		1	1.40	5.00	ug/L	10/31/25 10:34	VX103125
75-00-3	Chloroethane	17.7		1	0.47	1.00	ug/L	10/31/25 10:34	VX103125
75-69-4	Trichlorofluoromethane	17.5		1	0.33	1.00	ug/L	10/31/25 10:34	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
75-35-4	1,1-Dichloroethene	17.7		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
67-64-1	Acetone	90.6		1	1.50	5.00	ug/L	10/31/25 10:34	VX103125
75-15-0	Carbon Disulfide	17.8		1	0.21	1.00	ug/L	10/31/25 10:34	VX103125
1634-04-4	Methyl tert-butyl Ether	18.4		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
79-20-9	Methyl Acetate	16.6		1	0.27	1.00	ug/L	10/31/25 10:34	VX103125
75-09-2	Methylene Chloride	18.5		1	0.28	1.00	ug/L	10/31/25 10:34	VX103125
156-60-5	trans-1,2-Dichloroethene	17.9		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
75-34-3	1,1-Dichloroethane	18.2		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
110-82-7	Cyclohexane	17.7		1	1.50	5.00	ug/L	10/31/25 10:34	VX103125
78-93-3	2-Butanone	92.3		1	0.98	5.00	ug/L	10/31/25 10:34	VX103125
56-23-5	Carbon Tetrachloride	16.9		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
156-59-2	cis-1,2-Dichloroethene	17.8		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125
74-97-5	Bromochloromethane	15.3		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
67-66-3	Chloroform	18.2		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
71-55-6	1,1,1-Trichloroethane	18.0		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
108-87-2	Methylcyclohexane	16.2		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
71-43-2	Benzene	17.7		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
107-06-2	1,2-Dichloroethane	18.2		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
79-01-6	Trichloroethene	17.4		1	0.090	1.00	ug/L	10/31/25 10:34	VX103125
78-87-5	1,2-Dichloropropane	17.8		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
75-27-4	Bromodichloromethane	18.3		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
108-10-1	4-Methyl-2-Pentanone	90.4		1	0.68	5.00	ug/L	10/31/25 10:34	VX103125
108-88-3	Toluene	17.8		1	0.14	1.00	ug/L	10/31/25 10:34	VX103125
10061-02-6	t-1,3-Dichloropropene	18.8		1	0.17	1.00	ug/L	10/31/25 10:34	VX103125
10061-01-5	cis-1,3-Dichloropropene	18.7		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
79-00-5	1,1,2-Trichloroethane	17.9		1	0.21	1.00	ug/L	10/31/25 10:34	VX103125
591-78-6	2-Hexanone	88.8		1	0.89	5.00	ug/L	10/31/25 10:34	VX103125
124-48-1	Dibromochloromethane	17.9		1	0.18	1.00	ug/L	10/31/25 10:34	VX103125
106-93-4	1,2-Dibromoethane	17.9		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
127-18-4	Tetrachloroethene	16.1		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
108-90-7	Chlorobenzene	16.8		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
100-41-4	Ethyl Benzene	16.8		1	0.13	1.00	ug/L	10/31/25 10:34	VX103125
179601-23-1	m/p-Xylenes	34.2		1	0.24	2.00	ug/L	10/31/25 10:34	VX103125
95-47-6	o-Xylene	17.0		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
100-42-5	Styrene	17.1		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
75-25-2	Bromoform	17.1		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125

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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBS01			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	16.5		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1	0.26	1.00	ug/L	10/31/25 10:34	VX103125
541-73-1	1,3-Dichlorobenzene	16.1		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
106-46-7	1,4-Dichlorobenzene	16.1		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125
95-50-1	1,2-Dichlorobenzene	16.6		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1	0.53	1.00	ug/L	10/31/25 10:34	VX103125
120-82-1	1,2,4-Trichlorobenzene	16.2		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
87-61-6	1,2,3-Trichlorobenzene	16.1		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.7			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.7			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	52.9			86 - 113	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			77 - 121	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	315000							
3114-55-4	Chlorobenzene-d5	293000							
3855-82-1	1,4-Dichlorobenzene-d4	147000							

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: **VX048449.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1103WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1103WBS01			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	17.2		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
74-87-3	Chloromethane	20.5		1	0.32	1.00	ug/L	11/03/25 12:21	VX110325
75-01-4	Vinyl Chloride	19.6		1	0.26	1.00	ug/L	11/03/25 12:21	VX110325
74-83-9	Bromomethane	20.1		1	1.40	5.00	ug/L	11/03/25 12:21	VX110325
75-00-3	Chloroethane	17.0		1	0.47	1.00	ug/L	11/03/25 12:21	VX110325
75-69-4	Trichlorofluoromethane	17.3		1	0.33	1.00	ug/L	11/03/25 12:21	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
75-35-4	1,1-Dichloroethene	20.2		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
67-64-1	Acetone	88.6		1	1.50	5.00	ug/L	11/03/25 12:21	VX110325
75-15-0	Carbon Disulfide	16.9		1	0.21	1.00	ug/L	11/03/25 12:21	VX110325
1634-04-4	Methyl tert-butyl Ether	17.4		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
79-20-9	Methyl Acetate	16.0		1	0.27	1.00	ug/L	11/03/25 12:21	VX110325
75-09-2	Methylene Chloride	17.1		1	0.28	1.00	ug/L	11/03/25 12:21	VX110325
156-60-5	trans-1,2-Dichloroethene	16.9		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
75-34-3	1,1-Dichloroethane	17.4		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
110-82-7	Cyclohexane	19.7		1	1.50	5.00	ug/L	11/03/25 12:21	VX110325
78-93-3	2-Butanone	82.0		1	0.98	5.00	ug/L	11/03/25 12:21	VX110325
56-23-5	Carbon Tetrachloride	18.7		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
156-59-2	cis-1,2-Dichloroethene	16.6		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
67-66-3	Chloroform	18.5		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
71-55-6	1,1,1-Trichloroethane	19.9		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
108-87-2	Methylcyclohexane	16.6		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
71-43-2	Benzene	19.2		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
107-06-2	1,2-Dichloroethane	18.2		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
79-01-6	Trichloroethene	17.5		1	0.090	1.00	ug/L	11/03/25 12:21	VX110325
78-87-5	1,2-Dichloropropane	17.1		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
75-27-4	Bromodichloromethane	18.3		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
108-10-1	4-Methyl-2-Pentanone	86.6		1	0.68	5.00	ug/L	11/03/25 12:21	VX110325
108-88-3	Toluene	17.6		1	0.14	1.00	ug/L	11/03/25 12:21	VX110325
10061-02-6	t-1,3-Dichloropropene	19.0		1	0.17	1.00	ug/L	11/03/25 12:21	VX110325
10061-01-5	cis-1,3-Dichloropropene	18.4		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
79-00-5	1,1,2-Trichloroethane	18.0		1	0.21	1.00	ug/L	11/03/25 12:21	VX110325
591-78-6	2-Hexanone	86.4		1	0.89	5.00	ug/L	11/03/25 12:21	VX110325
124-48-1	Dibromochloromethane	18.2		1	0.18	1.00	ug/L	11/03/25 12:21	VX110325
106-93-4	1,2-Dibromoethane	17.8		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
127-18-4	Tetrachloroethene	19.8		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
108-90-7	Chlorobenzene	20.7		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
100-41-4	Ethyl Benzene	20.5		1	0.13	1.00	ug/L	11/03/25 12:21	VX110325
179601-23-1	m/p-Xylenes	42.2		1	0.24	2.00	ug/L	11/03/25 12:21	VX110325
95-47-6	o-Xylene	20.7		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
100-42-5	Styrene	21.2		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
75-25-2	Bromoform	21.3		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325

Raw Data: **VX048449.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:	Maclearie Park	Date Received:	
Client Sample ID:	VX1103WBS01	SDG No.:	Q3495
Lab Sample ID:	VX1103WBS01	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	20.5		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1	0.26	1.00	ug/L	11/03/25 12:21	VX110325
541-73-1	1,3-Dichlorobenzene	19.7		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
106-46-7	1,4-Dichlorobenzene	20.2		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325
95-50-1	1,2-Dichlorobenzene	20.3		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		1	0.53	1.00	ug/L	11/03/25 12:21	VX110325
120-82-1	1,2,4-Trichlorobenzene	19.6		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
87-61-6	1,2,3-Trichlorobenzene	20.2		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.1			74 - 125	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	43.8			86 - 113	88%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.5			77 - 121	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	288000							
3114-55-4	Chlorobenzene-d5	218000							
3855-82-1	1,4-Dichlorobenzene-d4	111000							

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: **VY023622.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:	Maclearie Park	Date Received:	
Client Sample ID:	VY1030SBS01	SDG No.:	Q3495
Lab Sample ID:	VY1030SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.0		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
74-87-3	Chloromethane	20.3		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
74-83-9	Bromomethane	20.5		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-00-3	Chloroethane	21.2		1	1.30	5.00	ug/Kg	10/30/25 10:36	VY103025
75-69-4	Trichlorofluoromethane	20.8		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-35-4	1,1-Dichloroethene	22.1		1	1.00	5.00	ug/Kg	10/30/25 10:36	VY103025
67-64-1	Acetone	140		1	4.70	25.0	ug/Kg	10/30/25 10:36	VY103025
75-15-0	Carbon Disulfide	20.8		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
1634-04-4	Methyl tert-butyl Ether	20.4		1	0.73	5.00	ug/Kg	10/30/25 10:36	VY103025
79-20-9	Methyl Acetate	18.4		1	1.50	5.00	ug/Kg	10/30/25 10:36	VY103025
75-09-2	Methylene Chloride	21.1		1	3.50	10.0	ug/Kg	10/30/25 10:36	VY103025
156-60-5	trans-1,2-Dichloroethene	21.9		1	0.86	5.00	ug/Kg	10/30/25 10:36	VY103025
75-34-3	1,1-Dichloroethane	23.1		1	0.80	5.00	ug/Kg	10/30/25 10:36	VY103025
110-82-7	Cyclohexane	21.9		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	10/30/25 10:36	VY103025
56-23-5	Carbon Tetrachloride	23.1		1	0.97	5.00	ug/Kg	10/30/25 10:36	VY103025
156-59-2	cis-1,2-Dichloroethene	22.5		1	0.75	5.00	ug/Kg	10/30/25 10:36	VY103025
74-97-5	Bromochloromethane	22.4		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
67-66-3	Chloroform	23.2		1	0.84	5.00	ug/Kg	10/30/25 10:36	VY103025
71-55-6	1,1,1-Trichloroethane	23.3		1	0.93	5.00	ug/Kg	10/30/25 10:36	VY103025
108-87-2	Methylcyclohexane	21.6		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
71-43-2	Benzene	23.3		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
107-06-2	1,2-Dichloroethane	22.1		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
79-01-6	Trichloroethene	22.6		1	0.81	5.00	ug/Kg	10/30/25 10:36	VY103025
78-87-5	1,2-Dichloropropane	23.3		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
75-27-4	Bromodichloromethane	22.7		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	10/30/25 10:36	VY103025
108-88-3	Toluene	23.0		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
10061-02-6	t-1,3-Dichloropropene	21.3		1	0.65	5.00	ug/Kg	10/30/25 10:36	VY103025
10061-01-5	cis-1,3-Dichloropropene	22.1		1	0.62	5.00	ug/Kg	10/30/25 10:36	VY103025
79-00-5	1,1,2-Trichloroethane	22.2		1	0.92	5.00	ug/Kg	10/30/25 10:36	VY103025
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/30/25 10:36	VY103025
124-48-1	Dibromochloromethane	21.7		1	0.87	5.00	ug/Kg	10/30/25 10:36	VY103025
106-93-4	1,2-Dibromoethane	21.0		1	0.88	5.00	ug/Kg	10/30/25 10:36	VY103025
127-18-4	Tetrachloroethene	22.4		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
100-41-4	Ethyl Benzene	22.7		1	0.67	5.00	ug/Kg	10/30/25 10:36	VY103025
179601-23-1	m/p-Xylenes	46.0		1	1.20	10.0	ug/Kg	10/30/25 10:36	VY103025
95-47-6	o-Xylene	22.3		1	0.82	5.00	ug/Kg	10/30/25 10:36	VY103025
100-42-5	Styrene	22.6		1	0.71	5.00	ug/Kg	10/30/25 10:36	VY103025
75-25-2	Bromoform	21.2		1	0.86	5.00	ug/Kg	10/30/25 10:36	VY103025

Raw Data: **VY023622.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:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBS01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.8		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
541-73-1	1,3-Dichlorobenzene	22.4		1	1.70	5.00	ug/Kg	10/30/25 10:36	VY103025
106-46-7	1,4-Dichlorobenzene	22.3		1	1.60	5.00	ug/Kg	10/30/25 10:36	VY103025
95-50-1	1,2-Dichlorobenzene	22.2		1	1.50	5.00	ug/Kg	10/30/25 10:36	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	10/30/25 10:36	VY103025
120-82-1	1,2,4-Trichlorobenzene	20.6		1	3.00	5.00	ug/Kg	10/30/25 10:36	VY103025
87-61-6	1,2,3-Trichlorobenzene	19.8		1	3.20	5.00	ug/Kg	10/30/25 10:36	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.8			63 - 155	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.5			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	50.4			74 - 123	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			17 - 146	100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	460000							
540-36-3	1,4-Difluorobenzene	680000							
3114-55-4	Chlorobenzene-d5	589000							
3855-82-1	1,4-Dichlorobenzene-d4	307000							

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: **VX048420.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBSD01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBSD01			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	18.5		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	10/31/25 11:00	VX103125
75-01-4	Vinyl Chloride	18.2		1	0.26	1.00	ug/L	10/31/25 11:00	VX103125
74-83-9	Bromomethane	21.1		1	1.40	5.00	ug/L	10/31/25 11:00	VX103125
75-00-3	Chloroethane	17.8		1	0.47	1.00	ug/L	10/31/25 11:00	VX103125
75-69-4	Trichlorofluoromethane	18.4		1	0.33	1.00	ug/L	10/31/25 11:00	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
75-35-4	1,1-Dichloroethene	18.5		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
67-64-1	Acetone	95.9		1	1.50	5.00	ug/L	10/31/25 11:00	VX103125
75-15-0	Carbon Disulfide	18.6		1	0.21	1.00	ug/L	10/31/25 11:00	VX103125
1634-04-4	Methyl tert-butyl Ether	18.9		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
79-20-9	Methyl Acetate	17.7		1	0.27	1.00	ug/L	10/31/25 11:00	VX103125
75-09-2	Methylene Chloride	18.8		1	0.28	1.00	ug/L	10/31/25 11:00	VX103125
156-60-5	trans-1,2-Dichloroethene	18.6		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
75-34-3	1,1-Dichloroethane	18.8		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
110-82-7	Cyclohexane	19.2		1	1.50	5.00	ug/L	10/31/25 11:00	VX103125
78-93-3	2-Butanone	99.3		1	0.98	5.00	ug/L	10/31/25 11:00	VX103125
56-23-5	Carbon Tetrachloride	18.4		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
156-59-2	cis-1,2-Dichloroethene	18.6		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125
74-97-5	Bromochloromethane	15.7		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
67-66-3	Chloroform	19.2		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
71-55-6	1,1,1-Trichloroethane	18.9		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
108-87-2	Methylcyclohexane	18.6		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
107-06-2	1,2-Dichloroethane	18.8		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	10/31/25 11:00	VX103125
78-87-5	1,2-Dichloropropane	18.9		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
75-27-4	Bromodichloromethane	19.0		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
108-10-1	4-Methyl-2-Pentanone	98.2		1	0.68	5.00	ug/L	10/31/25 11:00	VX103125
108-88-3	Toluene	19.2		1	0.14	1.00	ug/L	10/31/25 11:00	VX103125
10061-02-6	t-1,3-Dichloropropene	20.2		1	0.17	1.00	ug/L	10/31/25 11:00	VX103125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	1.00	ug/L	10/31/25 11:00	VX103125
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	10/31/25 11:00	VX103125
124-48-1	Dibromochloromethane	19.5		1	0.18	1.00	ug/L	10/31/25 11:00	VX103125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
108-90-7	Chlorobenzene	19.0		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
100-41-4	Ethyl Benzene	19.1		1	0.13	1.00	ug/L	10/31/25 11:00	VX103125
179601-23-1	m/p-Xylenes	38.6		1	0.24	2.00	ug/L	10/31/25 11:00	VX103125
95-47-6	o-Xylene	19.3		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
75-25-2	Bromoform	19.6		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125

Raw Data: **VX048420.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:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBSD01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBSD01			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	19.2		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1	0.26	1.00	ug/L	10/31/25 11:00	VX103125
541-73-1	1,3-Dichlorobenzene	18.8		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125
95-50-1	1,2-Dichlorobenzene	19.2		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1	0.53	1.00	ug/L	10/31/25 11:00	VX103125
120-82-1	1,2,4-Trichlorobenzene	18.8		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
87-61-6	1,2,3-Trichlorobenzene	19.3		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	50.8			86 - 113	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.7			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	162000							
540-36-3	1,4-Difluorobenzene	275000							
3114-55-4	Chlorobenzene-d5	245000							
3855-82-1	1,4-Dichlorobenzene-d4	121000							

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: **VY023623.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:	Maclearie Park	Date Received:	
Client Sample ID:	VY1030SBSD01	SDG No.:	Q3495
Lab Sample ID:	VY1030SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
74-87-3	Chloromethane	20.8		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-01-4	Vinyl Chloride	21.3		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
74-83-9	Bromomethane	21.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-00-3	Chloroethane	22.1		1	1.30	5.00	ug/Kg	10/30/25 11:09	VY103025
75-69-4	Trichlorofluoromethane	22.3		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	24.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-35-4	1,1-Dichloroethene	22.6		1	1.00	5.00	ug/Kg	10/30/25 11:09	VY103025
67-64-1	Acetone	150		1	4.70	25.0	ug/Kg	10/30/25 11:09	VY103025
75-15-0	Carbon Disulfide	21.7		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
1634-04-4	Methyl tert-butyl Ether	21.5		1	0.73	5.00	ug/Kg	10/30/25 11:09	VY103025
79-20-9	Methyl Acetate	20.1		1	1.50	5.00	ug/Kg	10/30/25 11:09	VY103025
75-09-2	Methylene Chloride	22.1		1	3.50	10.0	ug/Kg	10/30/25 11:09	VY103025
156-60-5	trans-1,2-Dichloroethene	23.1		1	0.86	5.00	ug/Kg	10/30/25 11:09	VY103025
75-34-3	1,1-Dichloroethane	24.3		1	0.80	5.00	ug/Kg	10/30/25 11:09	VY103025
110-82-7	Cyclohexane	22.1		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
78-93-3	2-Butanone	130		1	6.50	25.0	ug/Kg	10/30/25 11:09	VY103025
56-23-5	Carbon Tetrachloride	24.0		1	0.97	5.00	ug/Kg	10/30/25 11:09	VY103025
156-59-2	cis-1,2-Dichloroethene	23.1		1	0.75	5.00	ug/Kg	10/30/25 11:09	VY103025
74-97-5	Bromochloromethane	23.2		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
67-66-3	Chloroform	24.4		1	0.84	5.00	ug/Kg	10/30/25 11:09	VY103025
71-55-6	1,1,1-Trichloroethane	24.3		1	0.93	5.00	ug/Kg	10/30/25 11:09	VY103025
108-87-2	Methylcyclohexane	22.9		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
71-43-2	Benzene	24.1		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
107-06-2	1,2-Dichloroethane	23.3		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
79-01-6	Trichloroethene	23.4		1	0.81	5.00	ug/Kg	10/30/25 11:09	VY103025
78-87-5	1,2-Dichloropropane	24.6		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
75-27-4	Bromodichloromethane	23.9		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	10/30/25 11:09	VY103025
108-88-3	Toluene	24.3		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
10061-02-6	t-1,3-Dichloropropene	22.3		1	0.65	5.00	ug/Kg	10/30/25 11:09	VY103025
10061-01-5	cis-1,3-Dichloropropene	23.8		1	0.62	5.00	ug/Kg	10/30/25 11:09	VY103025
79-00-5	1,1,2-Trichloroethane	23.4		1	0.92	5.00	ug/Kg	10/30/25 11:09	VY103025
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	10/30/25 11:09	VY103025
124-48-1	Dibromochloromethane	23.0		1	0.87	5.00	ug/Kg	10/30/25 11:09	VY103025
106-93-4	1,2-Dibromoethane	22.6		1	0.88	5.00	ug/Kg	10/30/25 11:09	VY103025
127-18-4	Tetrachloroethene	23.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
108-90-7	Chlorobenzene	23.4		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
100-41-4	Ethyl Benzene	23.6		1	0.67	5.00	ug/Kg	10/30/25 11:09	VY103025
179601-23-1	m/p-Xylenes	47.8		1	1.20	10.0	ug/Kg	10/30/25 11:09	VY103025
95-47-6	o-Xylene	23.5		1	0.82	5.00	ug/Kg	10/30/25 11:09	VY103025
100-42-5	Styrene	23.3		1	0.71	5.00	ug/Kg	10/30/25 11:09	VY103025
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	10/30/25 11:09	VY103025

Raw Data: **VY023623.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:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBSD01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	23.9		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
541-73-1	1,3-Dichlorobenzene	23.5		1	1.70	5.00	ug/Kg	10/30/25 11:09	VY103025
106-46-7	1,4-Dichlorobenzene	23.5		1	1.60	5.00	ug/Kg	10/30/25 11:09	VY103025
95-50-1	1,2-Dichlorobenzene	23.2		1	1.50	5.00	ug/Kg	10/30/25 11:09	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	21.4		1	1.80	5.00	ug/Kg	10/30/25 11:09	VY103025
120-82-1	1,2,4-Trichlorobenzene	21.7		1	3.00	5.00	ug/Kg	10/30/25 11:09	VY103025
87-61-6	1,2,3-Trichlorobenzene	21.5		1	3.20	5.00	ug/Kg	10/30/25 11:09	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.8			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.1			70 - 134	108%	SPK: 50		
2037-26-5	Toluene-d8	53.1			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.9			17 - 146	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	451000							
540-36-3	1,4-Difluorobenzene	658000							
3114-55-4	Chlorobenzene-d5	579000							
3855-82-1	1,4-Dichlorobenzene-d4	301000							

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.: Q3495

Instrument ID: MSVOA_X Calibration Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:12 13:03

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

LAB FILE ID: RRF001 = VX048407.D RRF005 = VX048408.D RRF020 = VX048409.D
RRF050 = VX048410.D RRF100 = VX048411.D RRF150 = VX048412.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.488	0.487	0.477	0.539	0.504	0.565	0.510	6.8
Chloromethane	0.366	0.263	0.275	0.271	0.274	0.277	0.288	13.5
Vinyl Chloride	0.639	0.647	0.642	0.666	0.677	0.718	0.665	4.5
Bromomethane		0.254	0.257	0.242	0.237	0.210	0.240	7.8
Chloroethane	0.405	0.394	0.382	0.391	0.398	0.402	0.395	2.1
Trichlorofluoromethane	0.984	1.004	0.981	1.036	1.006	1.100	1.019	4.4
1,1,2-Trichlorotrifluoroethane	0.542	0.569	0.546	0.589	0.565	0.626	0.573	5.4
1,1-Dichloroethene	0.573	0.559	0.559	0.581	0.591	0.628	0.582	4.4
Acetone	0.176	0.136	0.156	0.159	0.176	0.175	0.163	9.8
Carbon Disulfide	1.871	1.692	1.629	1.676	1.568	1.577	1.669	6.7
Methyl tert-butyl Ether	1.967	1.753	1.815	1.763	1.975	1.908	1.864	5.4
Methyl Acetate	0.578	0.474	0.488	0.494	0.612	0.625	0.545	12.4
Methylene Chloride	0.660	0.613	0.619	0.598	0.651	0.628	0.628	3.7
trans-1,2-Dichloroethene	0.614	0.604	0.610	0.606	0.632	0.643	0.618	2.5
1,1-Dichloroethane	1.130	1.140	1.127	1.106	1.190	1.176	1.145	2.8
Cyclohexane		0.962	0.968	1.011	0.964	1.063	0.994	4.4
2-Butanone	0.257	0.225	0.261	0.257	0.287	0.275	0.260	8.1
Carbon Tetrachloride	0.578	0.562	0.528	0.559	0.517	0.572	0.553	4.4
cis-1,2-Dichloroethene	0.756	0.717	0.709	0.712	0.771	0.761	0.738	3.8
Bromochloromethane	0.465	0.513	0.556	0.513	0.519	0.546	0.519	6.2
Chloroform	1.200	1.176	1.167	1.131	1.212	1.180	1.178	2.4
1,1,1-Trichloroethane	1.030	1.024	1.013	1.030	1.057	1.084	1.040	2.5
Methylcyclohexane	0.578	0.604	0.565	0.665	0.585	0.696	0.616	8.5
Benzene	1.397	1.464	1.457	1.472	1.461	1.524	1.462	2.8
1,2-Dichloroethane	0.521	0.520	0.519	0.501	0.514	0.515	0.515	1.5
Trichloroethene	0.365	0.399	0.368	0.381	0.379	0.406	0.383	4.3
1,2-Dichloropropane	0.367	0.357	0.359	0.362	0.369	0.377	0.365	2
Bromodichloromethane	0.542	0.553	0.536	0.538	0.542	0.550	0.543	1.2
4-Methyl-2-Pentanone	0.366	0.355	0.373	0.375	0.391	0.388	0.375	3.5
Toluene	0.864	0.918	0.902	0.931	0.914	0.955	0.914	3.3

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_X Calibration Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:12 13:03

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

LAB FILE ID: RRF001 = VX048407.D RRF005 = VX048408.D RRF020 = VX048409.D
RRF050 = VX048410.D RRF100 = VX048411.D RRF150 = VX048412.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.463	0.491	0.510	0.496	0.501	0.493	0.492	3.2
cis-1,3-Dichloropropene	0.549	0.525	0.558	0.524	0.522	0.506	0.531	3.7
1,1,2-Trichloroethane	0.329	0.330	0.332	0.326	0.333	0.334	0.331	1
2-Hexanone	0.219	0.217	0.248	0.251	0.264	0.263	0.244	8.6
Dibromochloromethane	0.405	0.408	0.403	0.408	0.412	0.418	0.409	1.3
1,2-Dibromoethane	0.340	0.338	0.338	0.341	0.349	0.347	0.342	1.3
Tetrachloroethene	0.433	0.411	0.384	0.402	0.376	0.410	0.403	5.1
Chlorobenzene	1.135	1.174	1.118	1.150	1.154	1.179	1.152	2
Ethyl Benzene	1.825	1.909	1.888	1.994	1.951	2.070	1.940	4.4
m/p-Xylenes	0.663	0.731	0.718	0.773	0.744	0.777	0.734	5.7
o-Xylene	0.636	0.689	0.686	0.729	0.721	0.750	0.702	5.8
Styrene	1.059	1.139	1.180	1.235	1.247	1.273	1.189	6.7
Bromoform	0.284	0.268	0.267	0.281	0.299	0.302	0.283	5.2
Isopropylbenzene	3.372	3.599	3.592	3.841	3.700	4.085	3.698	6.6
1,1,2,2-Tetrachloroethane	0.915	0.919	0.914	0.929	0.956	0.988	0.937	3.2
1,3-Dichlorobenzene	1.911	1.733	1.660	1.690	1.666	1.807	1.745	5.6
1,4-Dichlorobenzene	1.948	1.824	1.666	1.710	1.684	1.829	1.777	6.2
1,2-Dichlorobenzene	1.618	1.609	1.565	1.589	1.607	1.712	1.617	3.1
1,2-Dibromo-3-Chloropropane	0.181	0.156	0.171	0.187	0.195	0.210	0.183	10.2
1,2,4-Trichlorobenzene	1.140	1.040	1.045	1.112	1.124	1.232	1.116	6.3
1,2,3-Trichlorobenzene	0.981	0.937	0.957	1.033	1.029	1.143	1.013	7.3
1,2-Dichloroethane-d4		0.765	0.689	0.674	0.728	0.739	0.719	5.2
Dibromofluoromethane		0.300	0.260	0.276	0.283	0.307	0.285	6.6
Toluene-d8		1.333	1.191	1.222	1.207	1.339	1.258	5.7
4-Bromofluorobenzene		0.537	0.437	0.446	0.449	0.485	0.471	8.8

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_X
Calibration Date/Time: 10/31/2025 09:18
Lab File ID: VX048416.D
Init. Calib. Date(s): 10/29/2025 10/29/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 11:12 13:03
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.510	0.491		-3.72	20
Chloromethane	0.288	0.299	0.1	3.82	20
Vinyl Chloride	0.665	0.662		-0.45	20
Bromomethane	0.240	0.266		10.83	20
Chloroethane	0.395	0.399		1.01	20
Trichlorofluoromethane	1.019	1.008		-1.08	20
1,1,2-Trichlorotrifluoroethane	0.573	0.561		-2.09	20
1,1-Dichloroethene	0.582	0.580		-0.34	20
Acetone	0.163	0.165		1.23	20
Carbon Disulfide	1.669	1.663		-0.36	20
Methyl tert-butyl Ether	1.864	1.945		4.34	20
Methyl Acetate	0.545	0.550		0.92	20
Methylene Chloride	0.628	0.649		3.34	20
trans-1,2-Dichloroethene	0.618	0.617		-0.16	20
1,1-Dichloroethane	1.145	1.159	0.1	1.22	20
Cyclohexane	0.994	0.947		-4.73	20
2-Butanone	0.260	0.267		2.69	20
Carbon Tetrachloride	0.553	0.533		-3.62	20
cis-1,2-Dichloroethene	0.738	0.747		1.22	20
Bromochloromethane	0.519	0.545		5.01	20
Chloroform	1.178	1.172		-0.51	20
1,1,1-Trichloroethane	1.040	1.037		-0.29	20
Methylcyclohexane	0.616	0.581		-5.68	20
Benzene	1.462	1.472		0.68	20
1,2-Dichloroethane	0.515	0.527		2.33	20
Trichloroethene	0.383	0.385		0.52	20
1,2-Dichloropropane	0.365	0.369		1.1	20
Bromodichloromethane	0.543	0.565		4.05	20
4-Methyl-2-Pentanone	0.375	0.386		2.93	20
Toluene	0.914	0.927		1.42	20
t-1,3-Dichloropropene	0.492	0.530		7.72	20
cis-1,3-Dichloropropene	0.531	0.563		6.03	20
1,1,2-Trichloroethane	0.331	0.339		2.42	20
2-Hexanone	0.244	0.251		2.87	20
Dibromochloromethane	0.409	0.421		2.93	20
1,2-Dibromoethane	0.342	0.354		3.51	20
Tetrachloroethene	0.403	0.390		-3.23	20
Chlorobenzene	1.152	1.128	0.3	-2.08	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_X
Calibration Date/Time: 10/31/2025 09:18
Lab File ID: VX048416.D
Init. Calib. Date(s): 10/29/2025 10/29/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 11:12 13:03
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.940	1.943		0.16	20
m/p-Xylenes	0.734	0.741		0.95	20
o-Xylene	0.702	0.709		1	20
Styrene	1.189	1.233		3.7	20
Bromoform	0.283	0.294	0.1	3.89	20
Isopropylbenzene	3.698	3.720		0.6	20
1,1,2,2-Tetrachloroethane	0.937	0.939	0.3	0.21	20
1,3-Dichlorobenzene	1.745	1.669		-4.36	20
1,4-Dichlorobenzene	1.777	1.704		-4.11	20
1,2-Dichlorobenzene	1.617	1.627		0.62	20
1,2-Dibromo-3-Chloropropane	0.183	0.187		2.19	20
1,2,4-Trichlorobenzene	1.116	1.103		-1.16	20
1,2,3-Trichlorobenzene	1.013	1.022		0.89	20
1,2-Dichloroethane-d4	0.719	0.743		3.34	20
Dibromofluoromethane	0.285	0.296		3.86	20
Toluene-d8	1.258	1.277		1.51	20
4-Bromofluorobenzene	0.471	0.470		-0.21	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_X
Calibration Date/Time: 11/03/2025 09:14
Lab File ID: VX048445.D
Init. Calib. Date(s): 10/29/2025 10/29/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 11:12 13:03
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.510	0.440		-13.73	20
Chloromethane	0.288	0.260	0.1	-9.72	20
Vinyl Chloride	0.665	0.635		-4.51	20
Bromomethane	0.240	0.250		4.17	20
Chloroethane	0.395	0.378		-4.3	20
Trichlorofluoromethane	1.019	0.953		-6.48	20
1,1,2-Trichlorotrifluoroethane	0.573	0.569		-0.7	20
1,1-Dichloroethene	0.582	0.593		1.89	20
Acetone	0.163	0.156		-4.29	20
Carbon Disulfide	1.669	1.411		-15.46	20
Methyl tert-butyl Ether	1.864	1.651		-11.43	20
Methyl Acetate	0.545	0.458		-15.96	20
Methylene Chloride	0.628	0.543		-13.53	20
trans-1,2-Dichloroethene	0.618	0.522		-15.53	20
1,1-Dichloroethane	1.145	0.990	0.1	-13.54	20
Cyclohexane	0.994	0.888		-10.66	20
2-Butanone	0.260	0.218		-16.15	20
Carbon Tetrachloride	0.553	0.609		10.13	20
cis-1,2-Dichloroethene	0.738	0.611		-17.21	20
Bromochloromethane	0.519	0.550		5.97	20
Chloroform	1.178	1.091		-7.39	20
1,1,1-Trichloroethane	1.040	1.003		-3.56	20
Methylcyclohexane	0.616	0.548		-11.04	20
Benzene	1.462	1.691		15.66	20
1,2-Dichloroethane	0.515	0.594		15.34	20
Trichloroethene	0.383	0.366		-4.44	20
1,2-Dichloropropane	0.365	0.354		-3.01	20
Bromodichloromethane	0.543	0.581		7	20
4-Methyl-2-Pentanone	0.375	0.363		-3.2	20
Toluene	0.914	0.880		-3.72	20
t-1,3-Dichloropropene	0.492	0.517		5.08	20
cis-1,3-Dichloropropene	0.531	0.542		2.07	20
1,1,2-Trichloroethane	0.331	0.322		-2.72	20
2-Hexanone	0.244	0.235		-3.69	20
Dibromochloromethane	0.409	0.419		2.44	20
1,2-Dibromoethane	0.342	0.342		0	20
Tetrachloroethene	0.403	0.374		-7.2	20
Chlorobenzene	1.152	1.076	0.3	-6.6	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_X Calibration Date/Time: 11/03/2025 09:14

Lab File ID: VX048445.D Init. Calib. Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:12 13:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.940	1.879		-3.14	20
m/p-Xylenes	0.734	0.704		-4.09	20
o-Xylene	0.702	0.676		-3.7	20
Styrene	1.189	1.172		-1.43	20
Bromoform	0.283	0.286	0.1	1.06	20
Isopropylbenzene	3.698	4.029		8.95	20
1,1,2,2-Tetrachloroethane	0.937	1.000	0.3	6.72	20
1,3-Dichlorobenzene	1.745	1.647		-5.62	20
1,4-Dichlorobenzene	1.777	1.651		-7.09	20
1,2-Dichlorobenzene	1.617	1.555		-3.83	20
1,2-Dibromo-3-Chloropropane	0.183	0.179		-2.19	20
1,2,4-Trichlorobenzene	1.116	1.006		-9.86	20
1,2,3-Trichlorobenzene	1.013	0.928		-8.39	20
1,2-Dichloroethane-d4	0.719	0.649		-9.74	20
Dibromofluoromethane	0.285	0.346		21.4	20
Toluene-d8	1.258	1.255		-0.24	20
4-Bromofluorobenzene	0.471	0.531		12.74	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/30/2025 09:09
Lab File ID: VY023620.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.303		-15.83	20
Chloromethane	0.490	0.436	0.1	-11.02	20
Vinyl Chloride	0.639	0.588		-7.98	20
Bromomethane	0.536	0.474		-11.57	20
Chloroethane	0.435	0.429		-1.38	20
Trichlorofluoromethane	0.887	0.867		-2.26	20
1,1,2-Trichlorotrifluoroethane	0.460	0.498		8.26	20
1,1-Dichloroethene	0.446	0.450		0.9	20
Acetone	0.100	0.114		14	20
Carbon Disulfide	1.277	1.196		-6.34	20
Methyl tert-butyl Ether	1.072	1.141		6.44	20
Methyl Acetate	0.261	0.335		28.35	20
Methylene Chloride	0.538	0.526		-2.23	20
trans-1,2-Dichloroethene	0.491	0.523		6.52	20
1,1-Dichloroethane	0.796	0.880	0.1	10.55	20
Cyclohexane	0.696	0.681		-2.15	20
2-Butanone	0.122	0.129		5.74	20
Carbon Tetrachloride	0.493	0.554		12.37	20
cis-1,2-Dichloroethene	0.567	0.626		10.41	20
Bromochloromethane	0.297	0.290		-2.36	20
Chloroform	0.875	0.986		12.69	20
1,1,1-Trichloroethane	0.795	0.874		9.94	20
Methylcyclohexane	0.530	0.559		5.47	20
Benzene	1.288	1.457		13.12	20
1,2-Dichloroethane	0.332	0.373		12.35	20
Trichloroethene	0.377	0.410		8.75	20
1,2-Dichloropropane	0.285	0.332		16.49	20
Bromodichloromethane	0.453	0.524		15.67	20
4-Methyl-2-Pentanone	0.166	0.189		13.85	20
Toluene	0.836	0.960		14.83	20
t-1,3-Dichloropropene	0.394	0.445		12.94	20
cis-1,3-Dichloropropene	0.465	0.532		14.41	20
1,1,2-Trichloroethane	0.242	0.277		14.46	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.387		14.16	20
1,2-Dibromoethane	0.231	0.257		11.26	20
Tetrachloroethene	0.516	0.576		11.63	20
Chlorobenzene	1.087	1.232	0.3	13.34	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/30/2025 09:09
Lab File ID: VY023620.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	2.073		17.78	20
m/p-Xylenes	0.706	0.832		17.85	20
o-Xylene	0.662	0.774		16.92	20
Styrene	1.089	1.309		20.2	20
Bromoform	0.240	0.266	0.1	10.83	20
Isopropylbenzene	3.295	3.804		15.45	20
1,1,2,2-Tetrachloroethane	0.539	0.587	0.3	8.9	20
1,3-Dichlorobenzene	1.706	1.881		10.26	20
1,4-Dichlorobenzene	1.685	1.842		9.32	20
1,2-Dichlorobenzene	1.496	1.633		9.16	20
1,2-Dibromo-3-Chloropropane	0.088	0.090		2.27	20
1,2,4-Trichlorobenzene	0.932	0.962		3.22	20
1,2,3-Trichlorobenzene	0.808	0.817		1.11	20
1,2-Dichloroethane-d4	0.418	0.409		-2.15	20
Dibromofluoromethane	0.307	0.319		3.91	20
Toluene-d8	1.144	1.180		3.15	20
4-Bromofluorobenzene	0.378	0.397		5.03	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Time: Oct 31 02:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	765269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1282589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1076446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	427496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	338260	52.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.720%			
35) Dibromofluoromethane	7.640	113	396330	50.290	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.580%			
50) Toluene-d8	10.109	98	1449464	49.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.780%			
62) 4-Bromofluorobenzene	12.408	95	410881	42.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.800%			

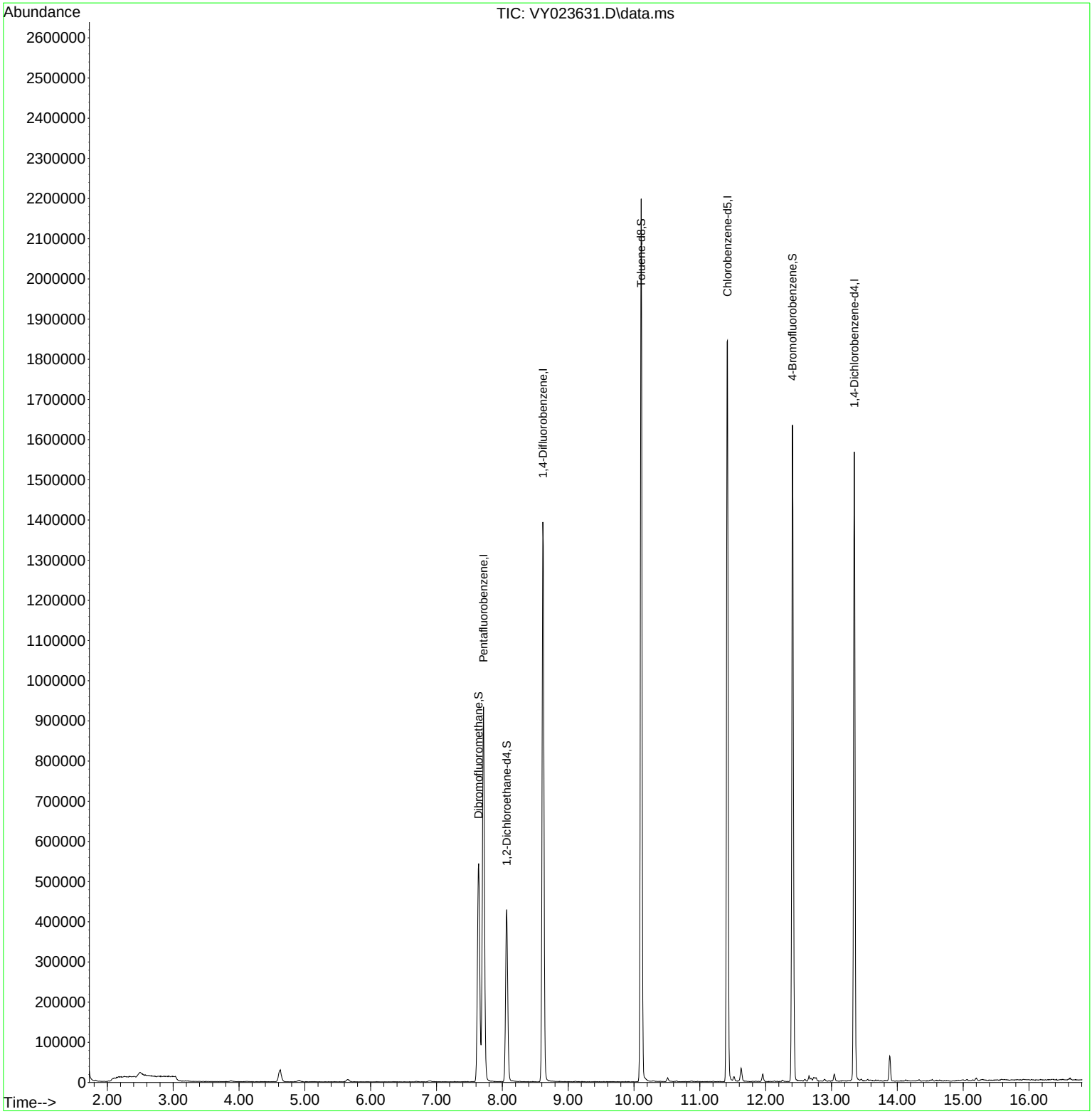
Target Compounds Qvalue

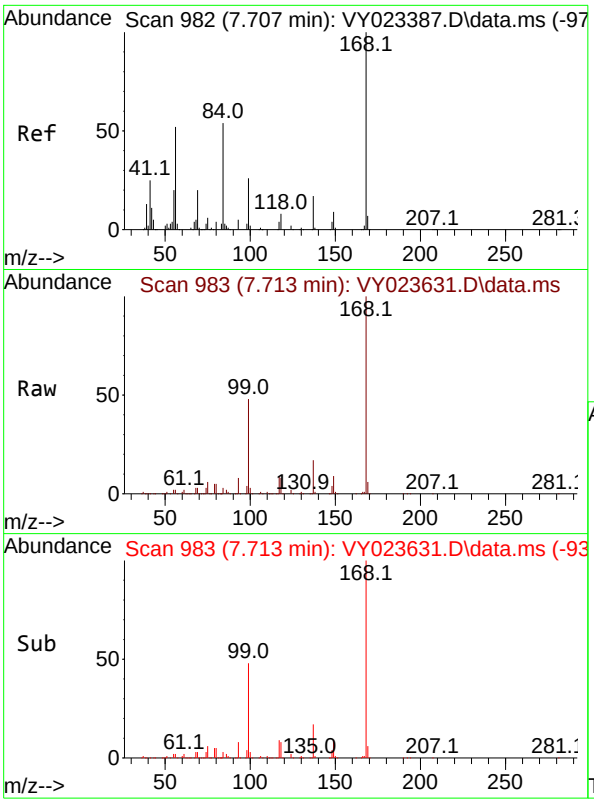
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Time: Oct 31 02:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



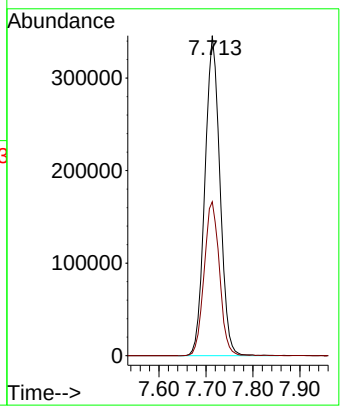


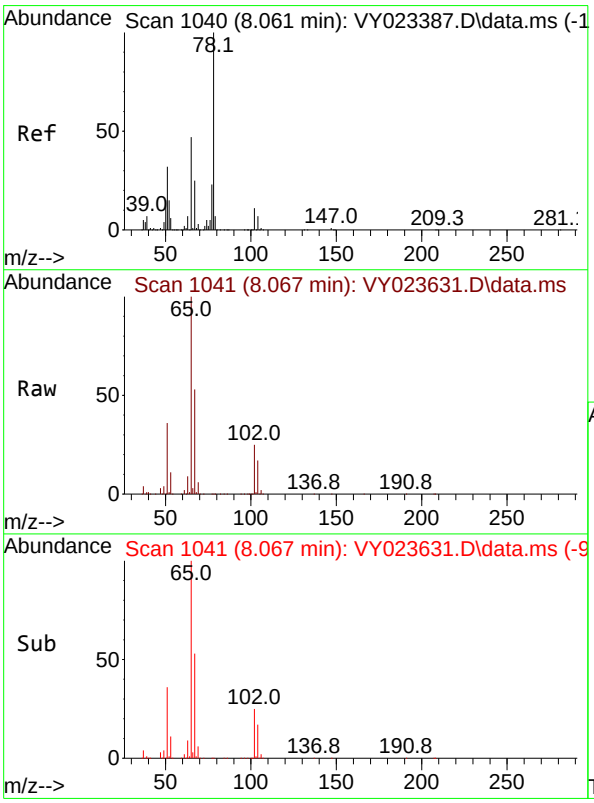
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:168 Resp: 765269

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.7	59.5

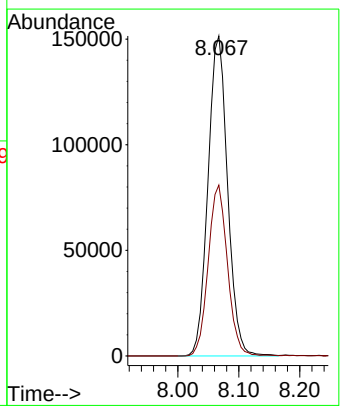


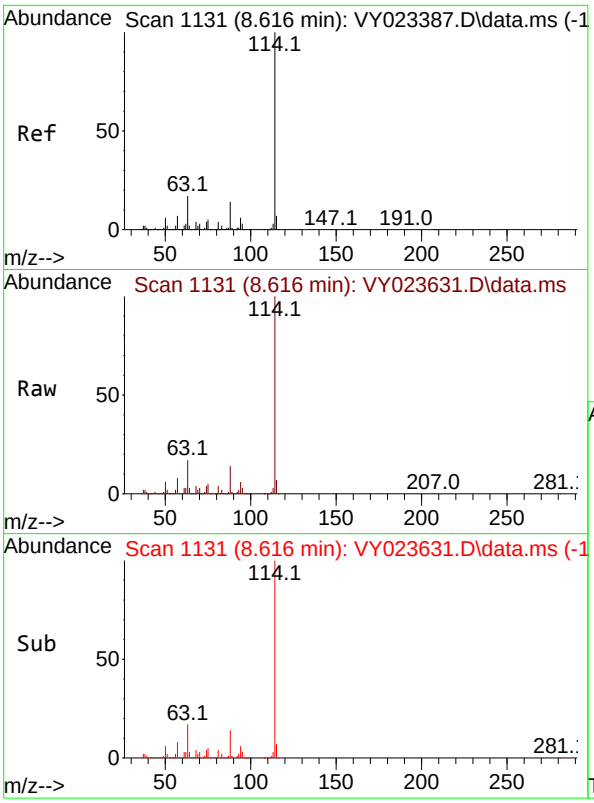


#33
1,2-Dichloroethane-d4
Concen: 52.859 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion: 65 Resp: 338260

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8



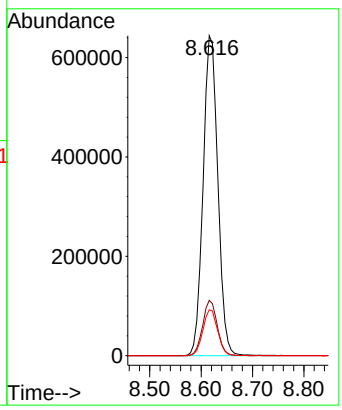


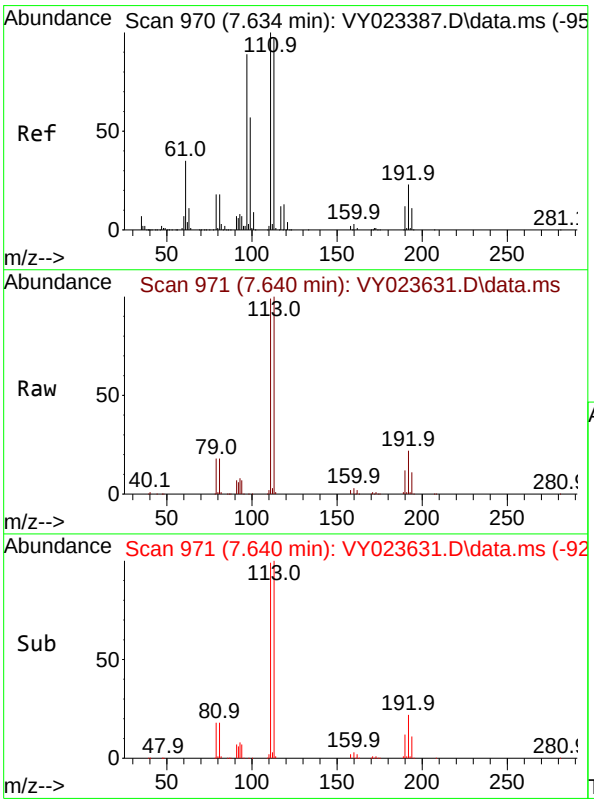
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:114 Resp: 1282589

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.2
88	14.4	0.0	28.4

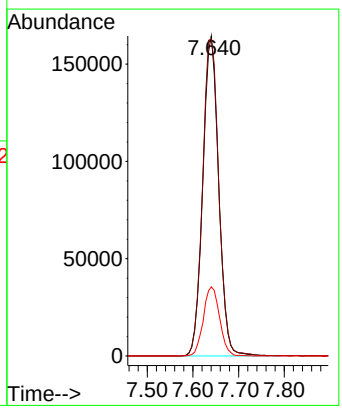


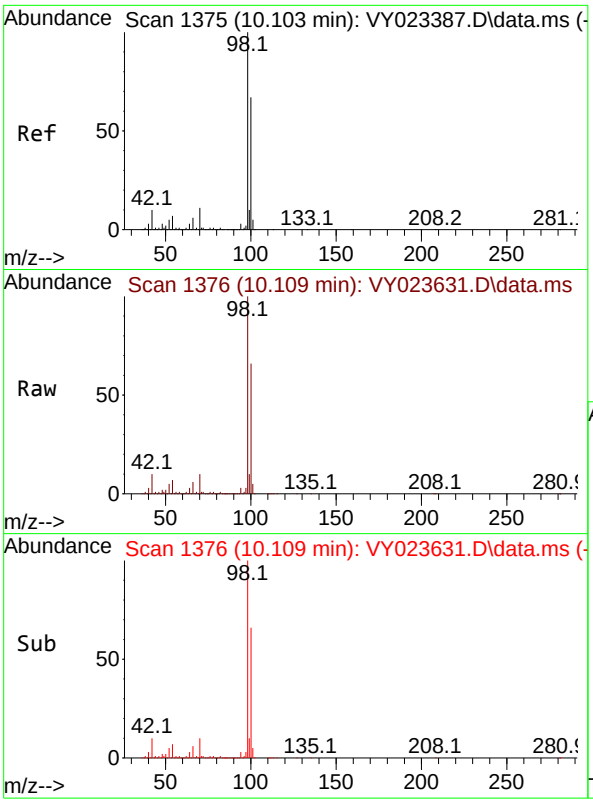


#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion:113 Resp: 396330

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	22.2	18.0	27.0



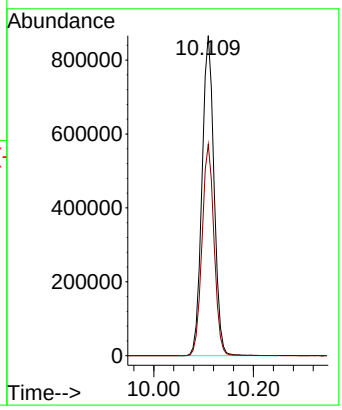


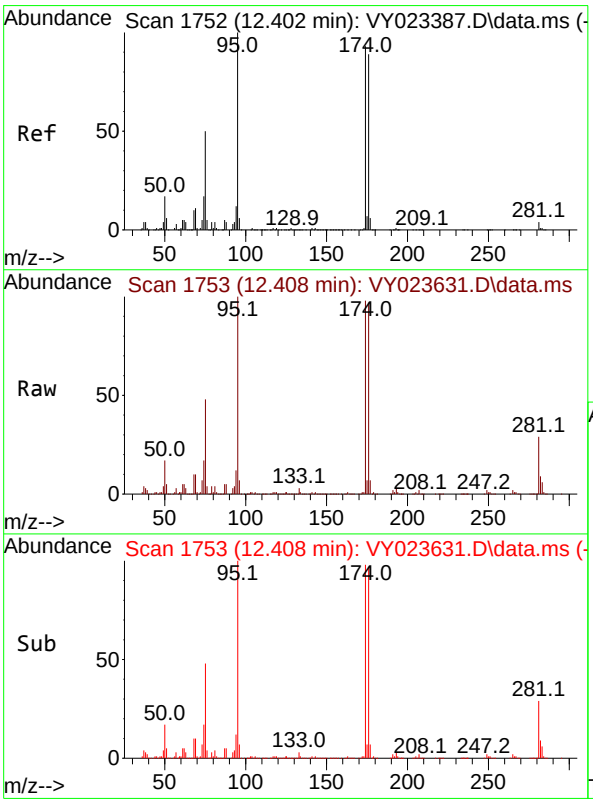
#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion: 98 Resp: 1449464

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

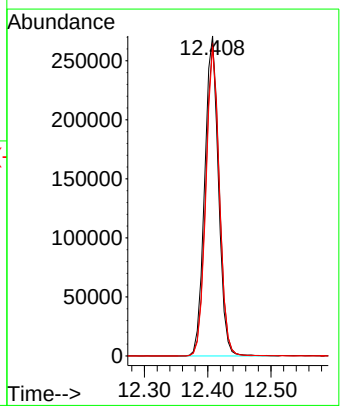


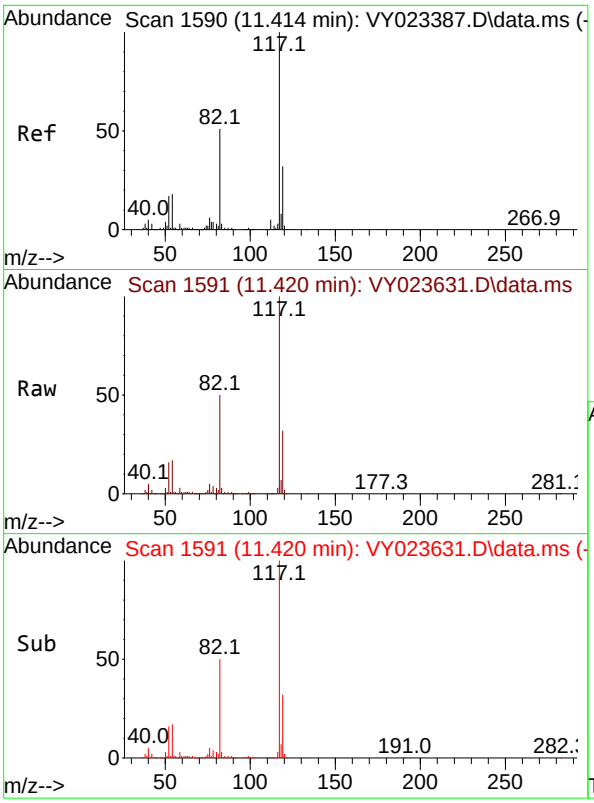


#62
4-Bromofluorobenzene
Concen: 42.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion: 95 Resp: 410881

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	192.8
176	94.0	0.0	187.6



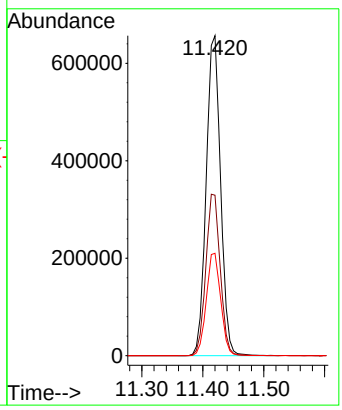


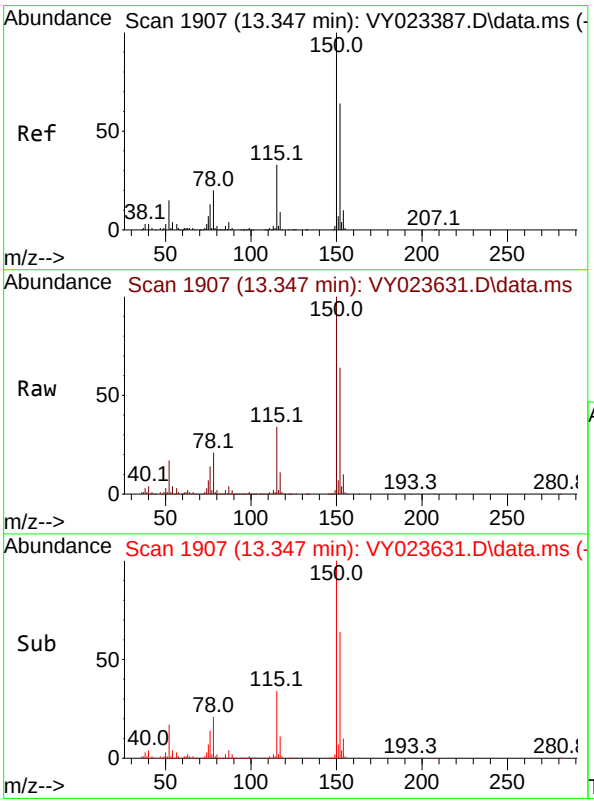
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:117 Resp: 1076446

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.0	25.6	38.4

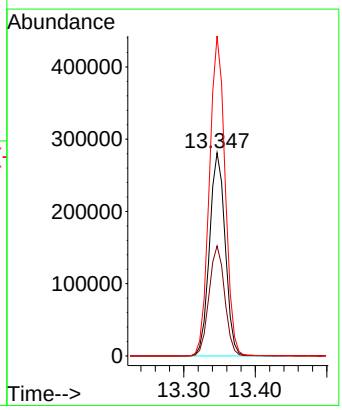




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion:152 Resp: 427496

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.2
150	157.8	0.0	347.4



Sample Results: **VY023631.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

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_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.629	463	477	489	rBV2	29687	91558	2.46%	0.472%
2	7.640	959	971	977	rBV	543543	1331173	35.80%	6.861%
3	7.713	977	983	1000	rVB	931980	2076541	55.85%	10.703%
4	8.067	1031	1041	1054	rBV	428473	962682	25.89%	4.962%
5	8.616	1122	1131	1145	rBV	1393034	2767140	74.42%	14.262%
6	10.109	1368	1376	1399	rBV	2197373	3718264	100.00%	19.164%
7	11.420	1583	1591	1603	rBV	1844468	3078938	82.81%	15.869%
8	11.627	1615	1625	1632	rBV	32822	61983	1.67%	0.319%
9	12.408	1743	1753	1765	rBV2	1634035	2793542	75.13%	14.398%
10	13.347	1897	1907	1920	rBV	1565301	2417232	65.01%	12.458%
11	13.883	1989	1995	2002	rVB2	62096	103231	2.78%	0.532%

Sum of corrected areas: 19402284

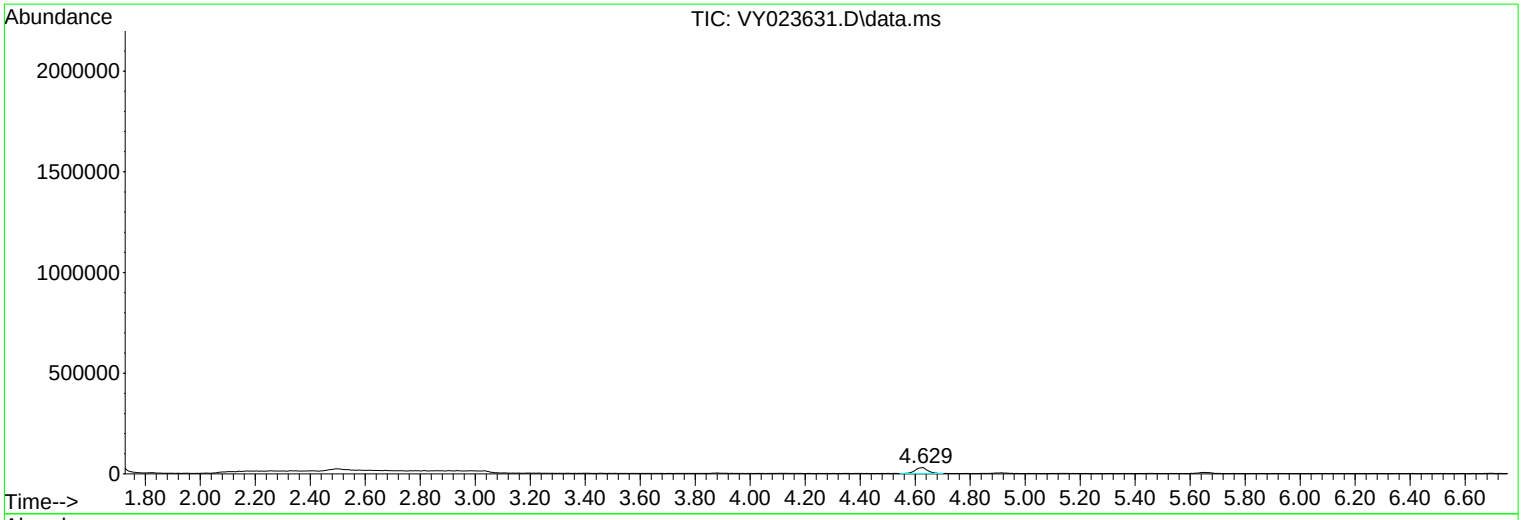
Sample Results: **VY023631.D**

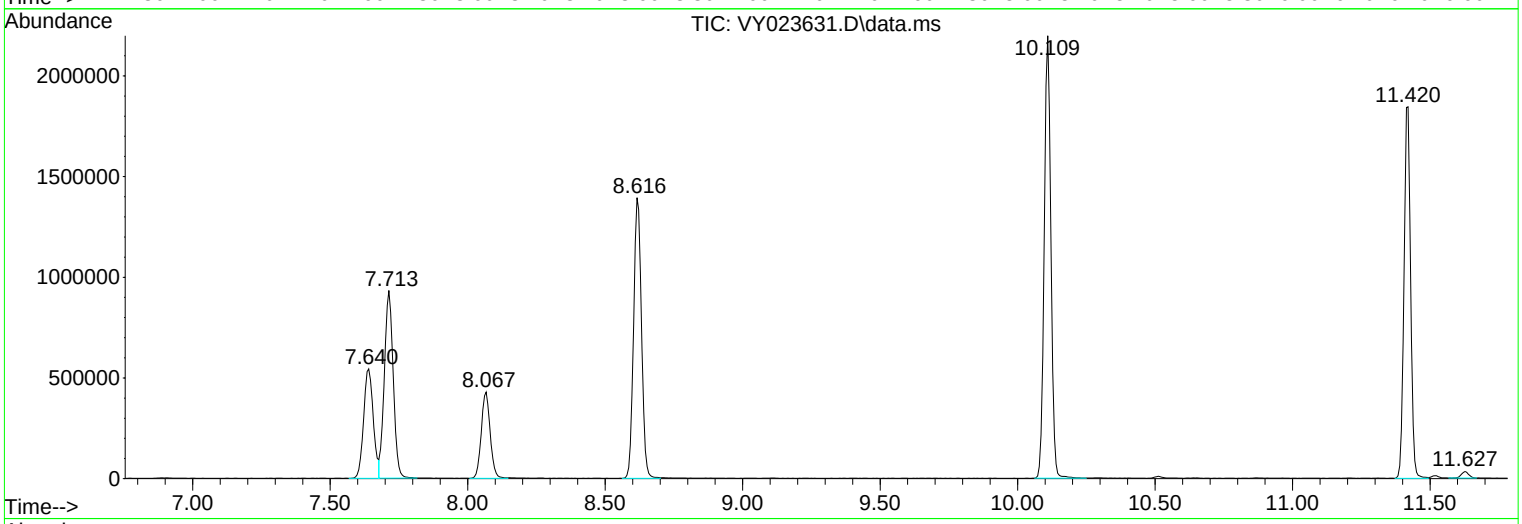
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

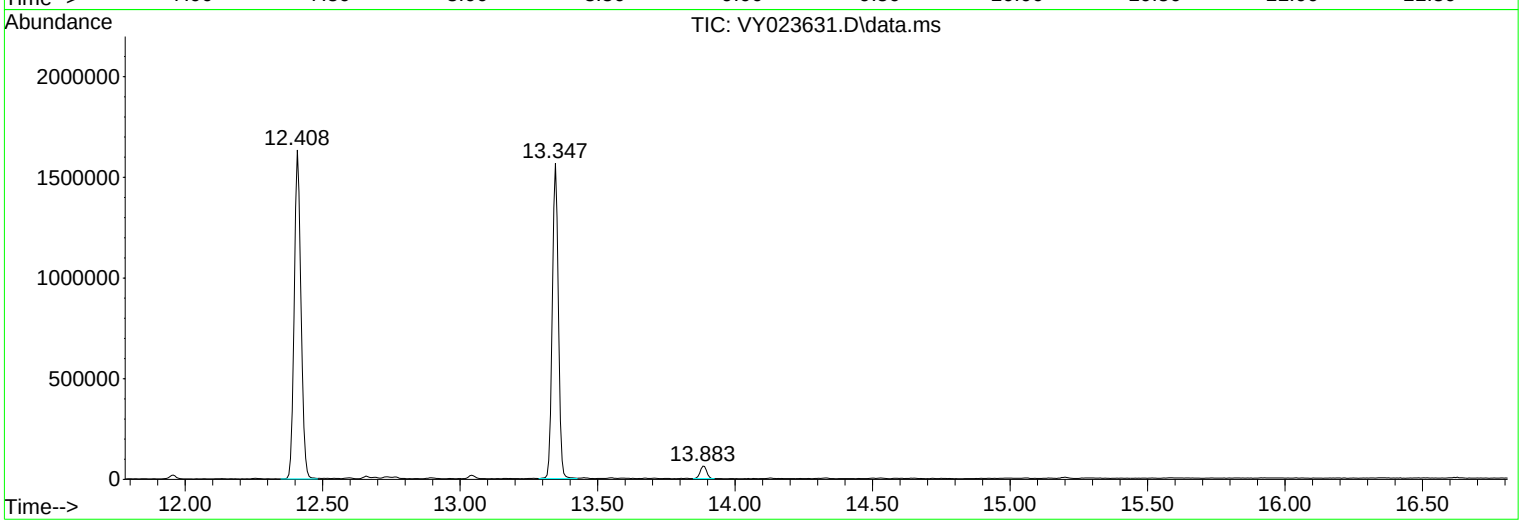
Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY023631.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:05:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

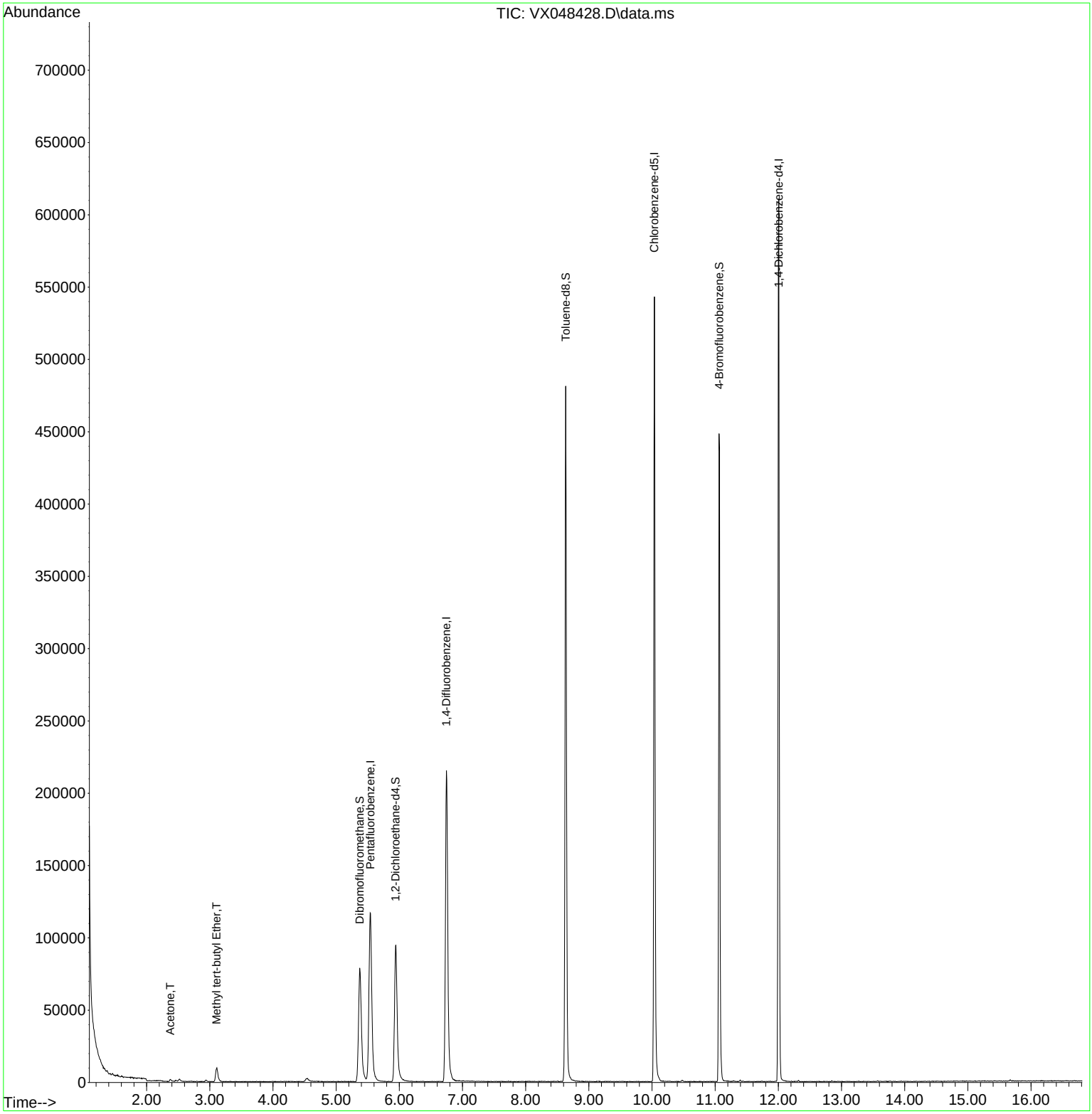
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	121387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	239256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105451	60.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.820%#			
35) Dibromofluoromethane	5.373	113	78112	57.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.520%			
50) Toluene-d8	8.635	98	289433	48.067	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.061	95	131178	58.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.480%			
Target Compounds						Qvalue
16) Acetone	2.374	43	1852	4.681	ug/l	89
19) Methyl tert-butyl Ether	3.105	73	11901	2.630	ug/l	94

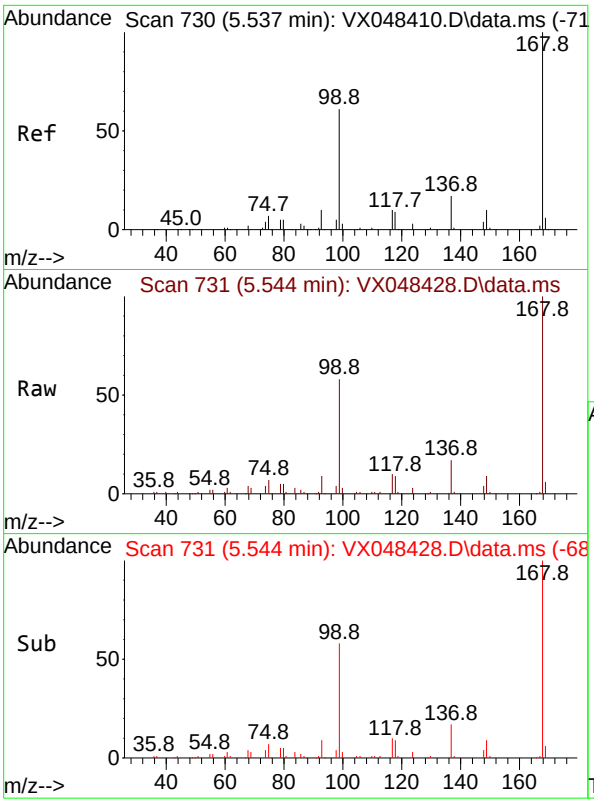
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:05:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



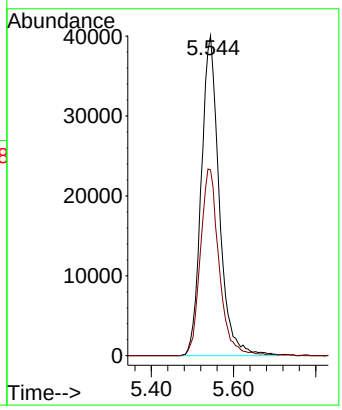


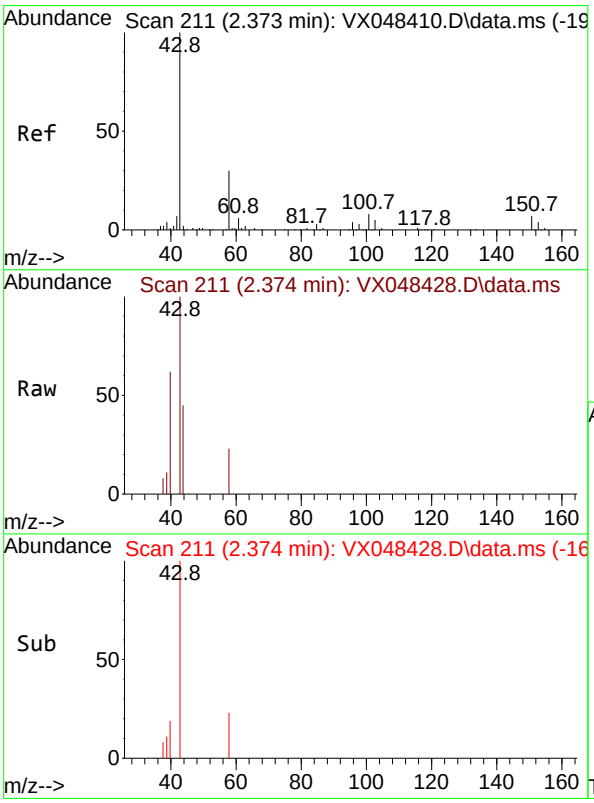
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:168 Resp: 121387

Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.4	69.6

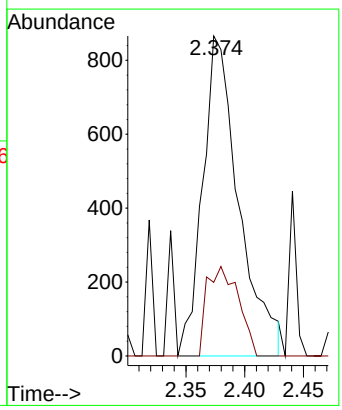


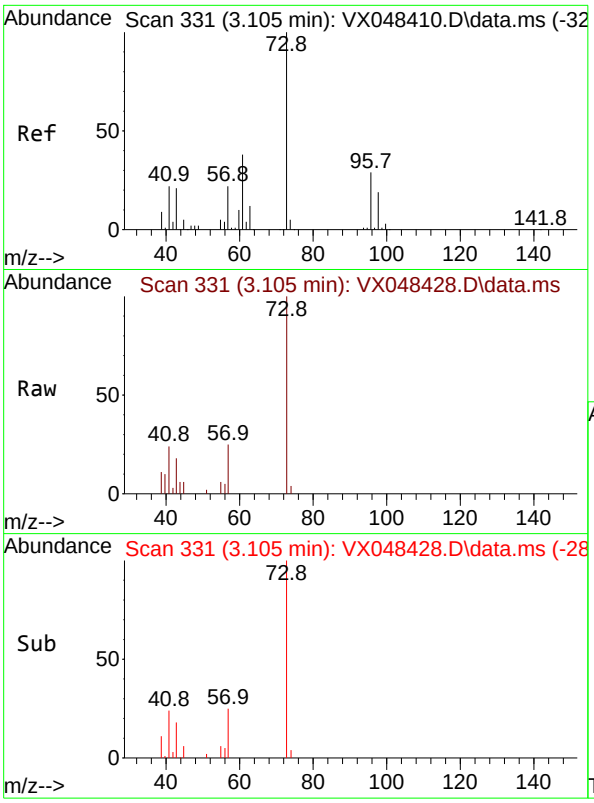


#16
Acetone
Concen: 4.681 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
58	23.7	23.4	35.2



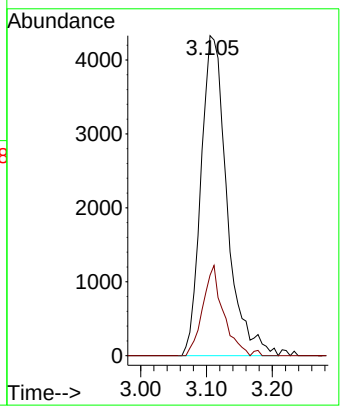


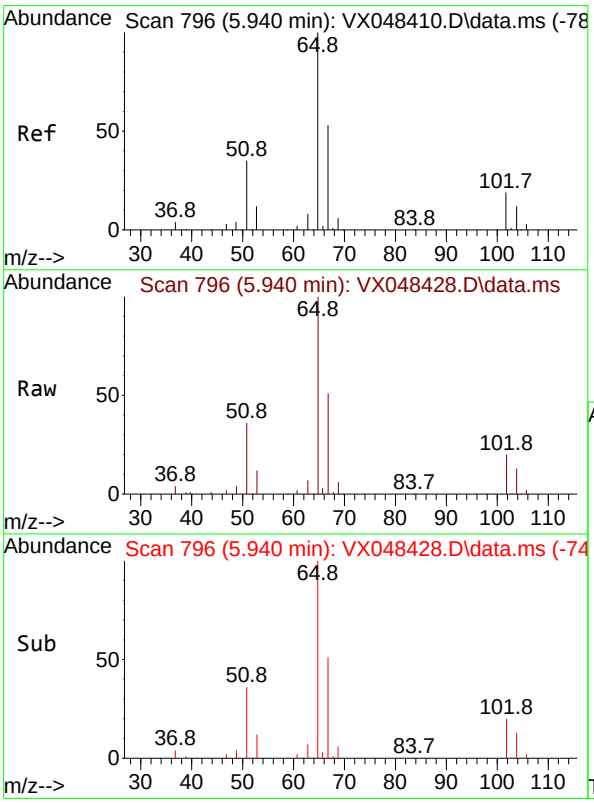
#19
Methyl tert-butyl Ether
Concen: 2.630 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion: 73 Resp: 11901

Ion	Ratio	Lower	Upper
73	100		
57	25.1	17.7	26.5

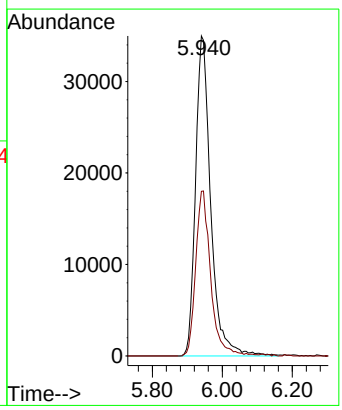


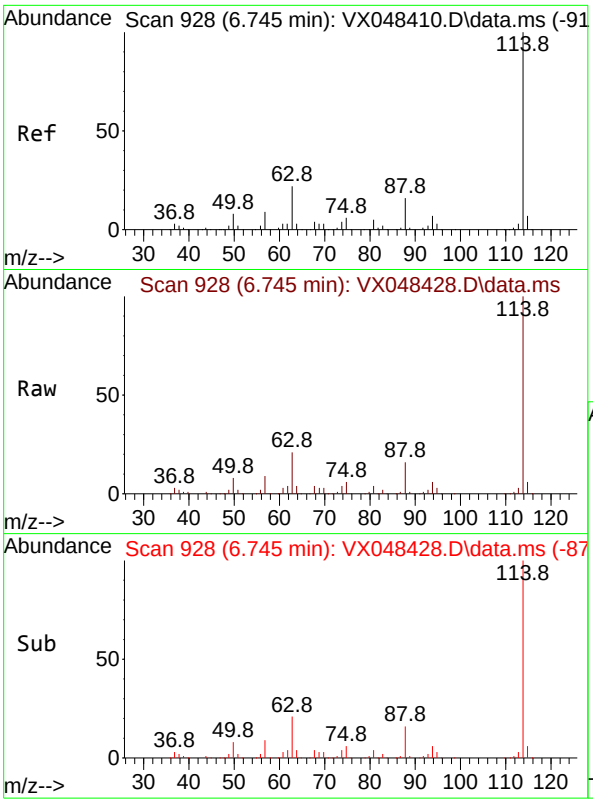


#33
1,2-Dichloroethane-d4
Concen: 60.405 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 65 Resp: 105451

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0



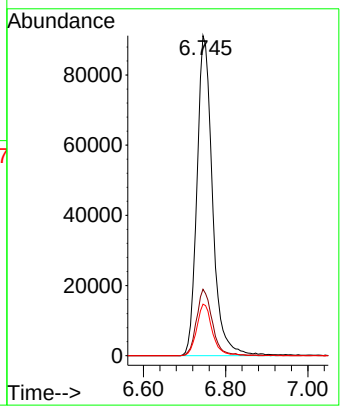


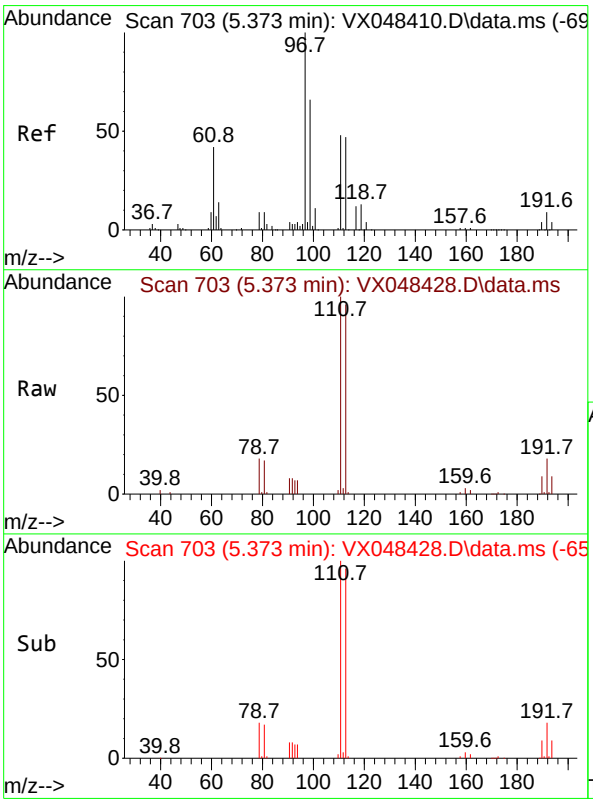
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:114 Resp: 239256

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.1	0.0	33.6

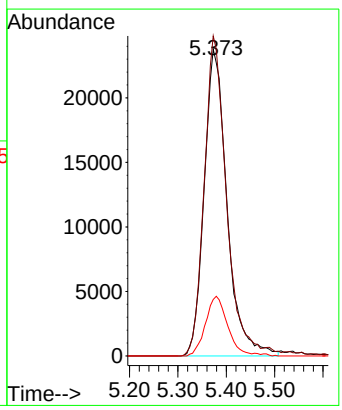


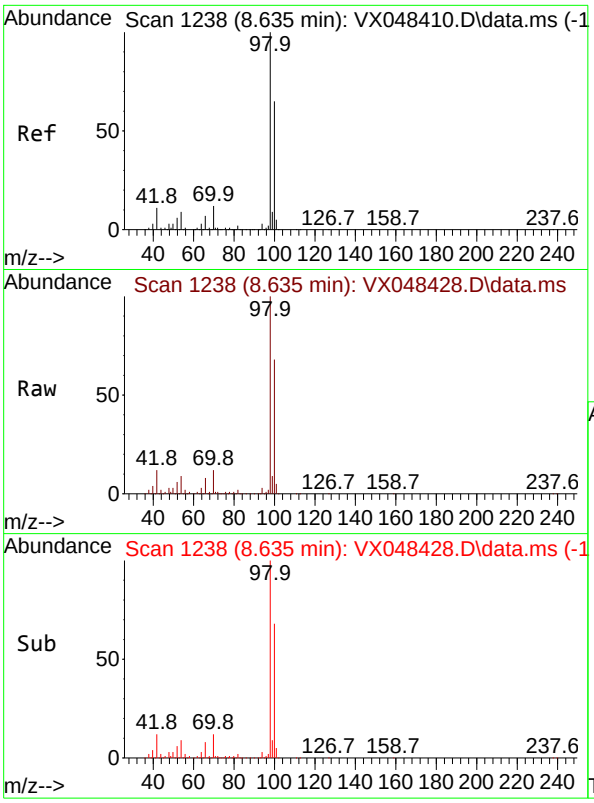


#35
Dibromofluoromethane
Concen: 57.263 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:113 Resp: 78112

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	19.1	15.1	22.7



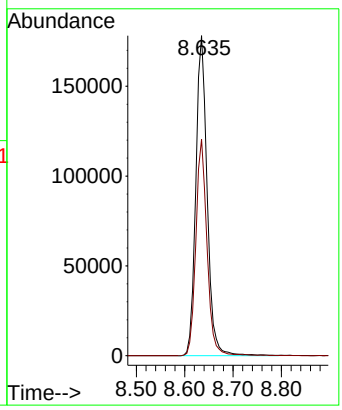


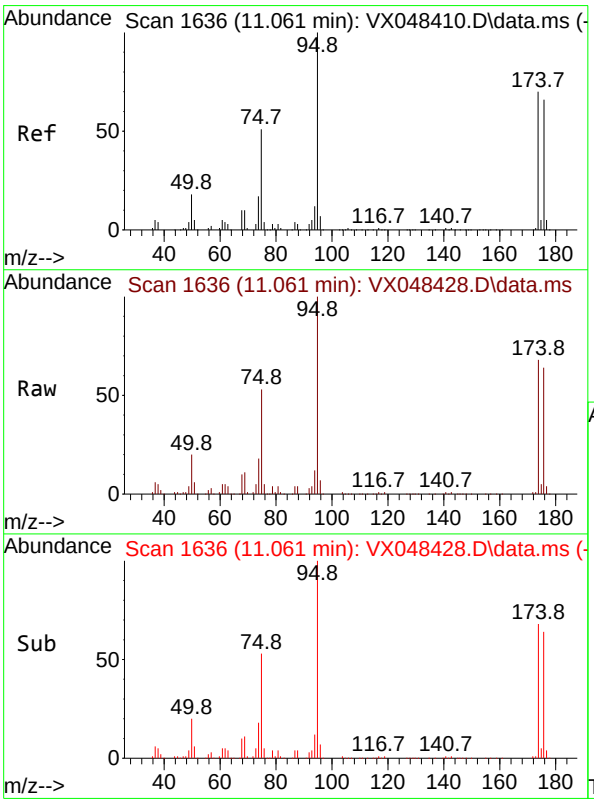
#50
Toluene-d8
Concen: 48.067 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion: 98 Resp: 289433

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

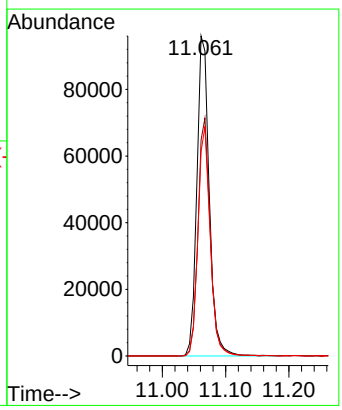


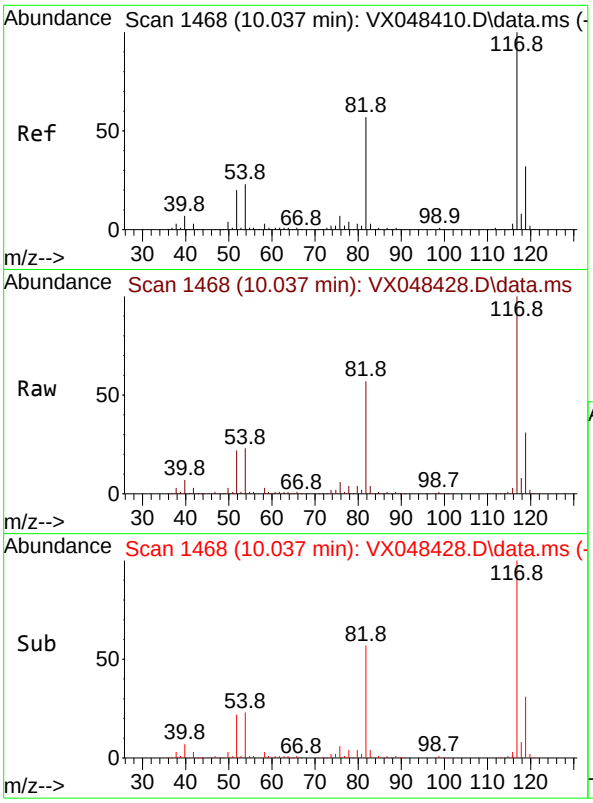


#62
4-Bromofluorobenzene
Concen: 58.237 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 95 Resp: 131178

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	147.8
176	70.7	0.0	142.8



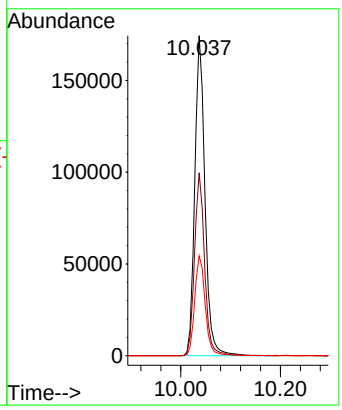


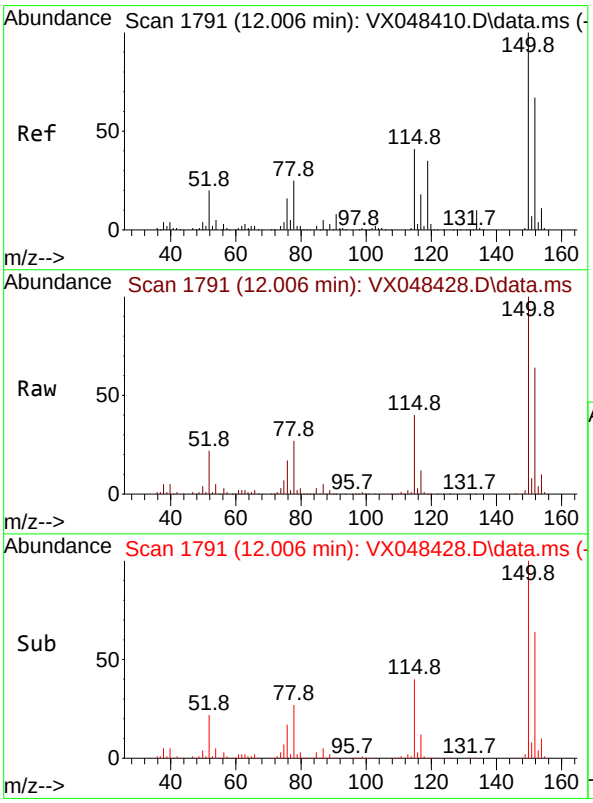
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:117 Resp: 246924

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.5	69.7
119	31.2	25.9	38.9

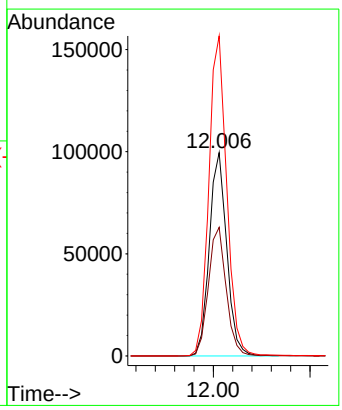




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:152 Resp: 124979

Ion	Ratio	Lower	Upper
152	100		
115	64.9	43.1	129.4
150	161.7	0.0	353.0



Sample Results: **VX048428.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

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\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	322	332	341	rBV	9653	25538	3.20%	0.573%
2	5.373	692	703	719	rBV4	78613	251007	31.49%	5.631%
3	5.538	719	730	750	rVB	115907	361050	45.30%	8.099%
4	5.946	786	797	815	rBV	94290	279242	35.04%	6.264%
5	6.745	919	928	946	rBV	215234	562959	70.63%	12.628%
6	8.635	1229	1238	1255	rBV	480985	789080	99.00%	17.701%
7	10.037	1462	1468	1486	rVB	542419	771494	96.80%	17.306%
8	11.061	1631	1636	1649	rBV	447936	620476	77.85%	13.919%
9	12.006	1785	1791	1805	rBV	610244	797030	100.00%	17.879%

Sum of corrected areas: 4457876

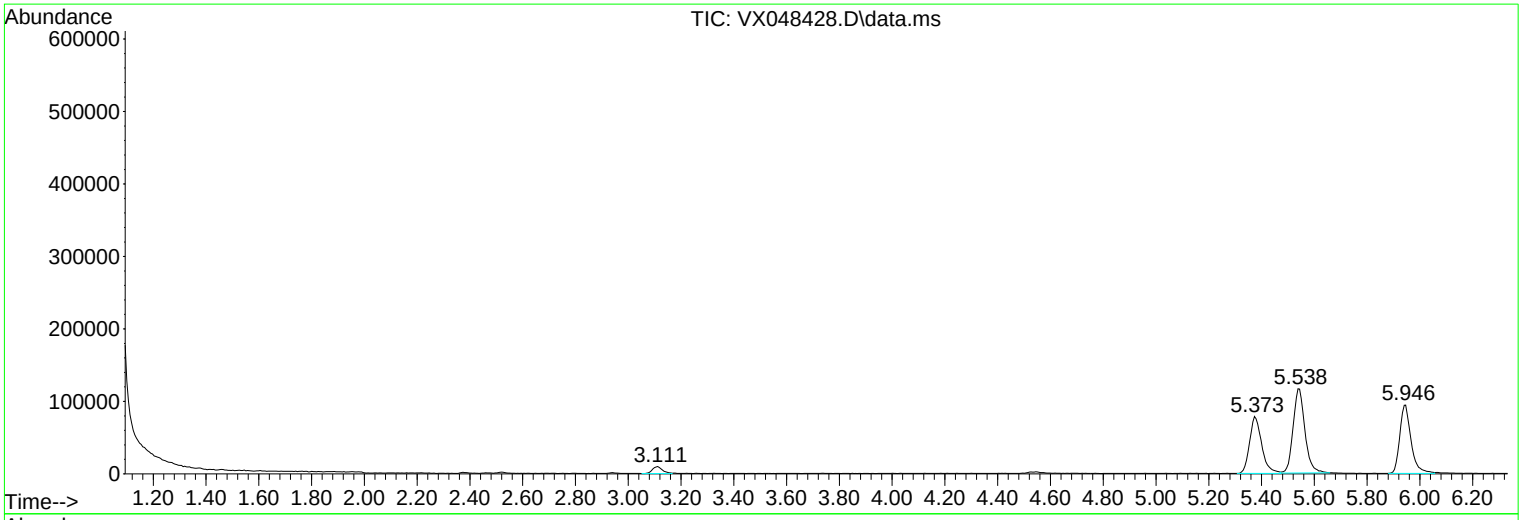
Sample Results: **VX048428.D**

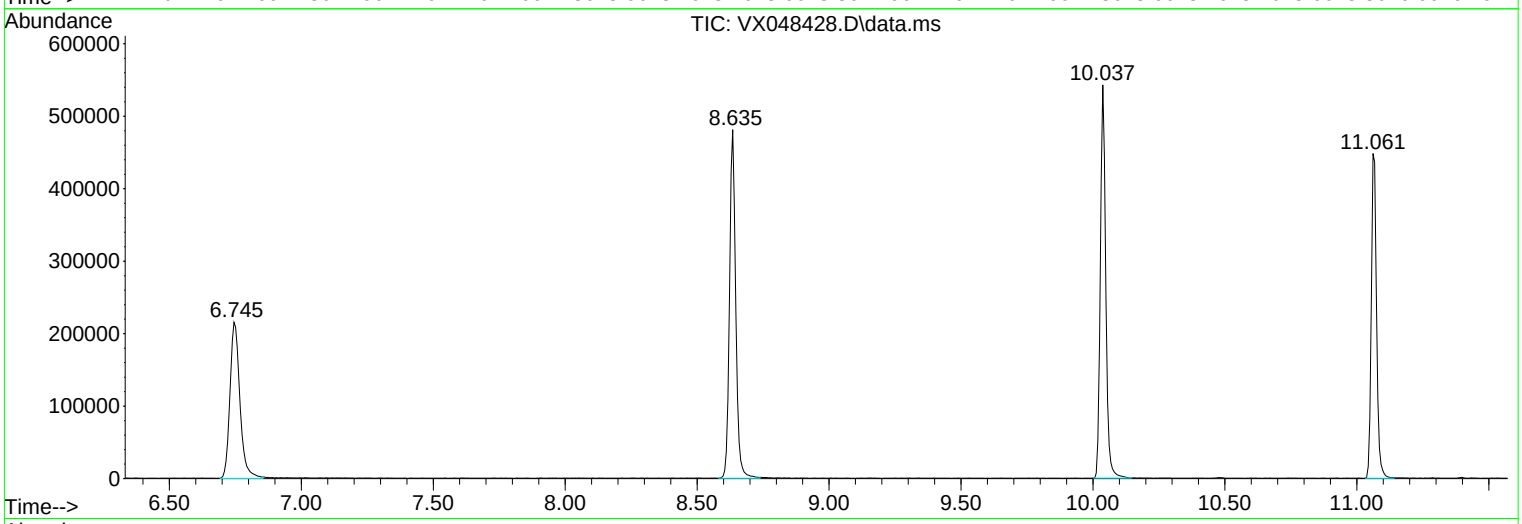
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

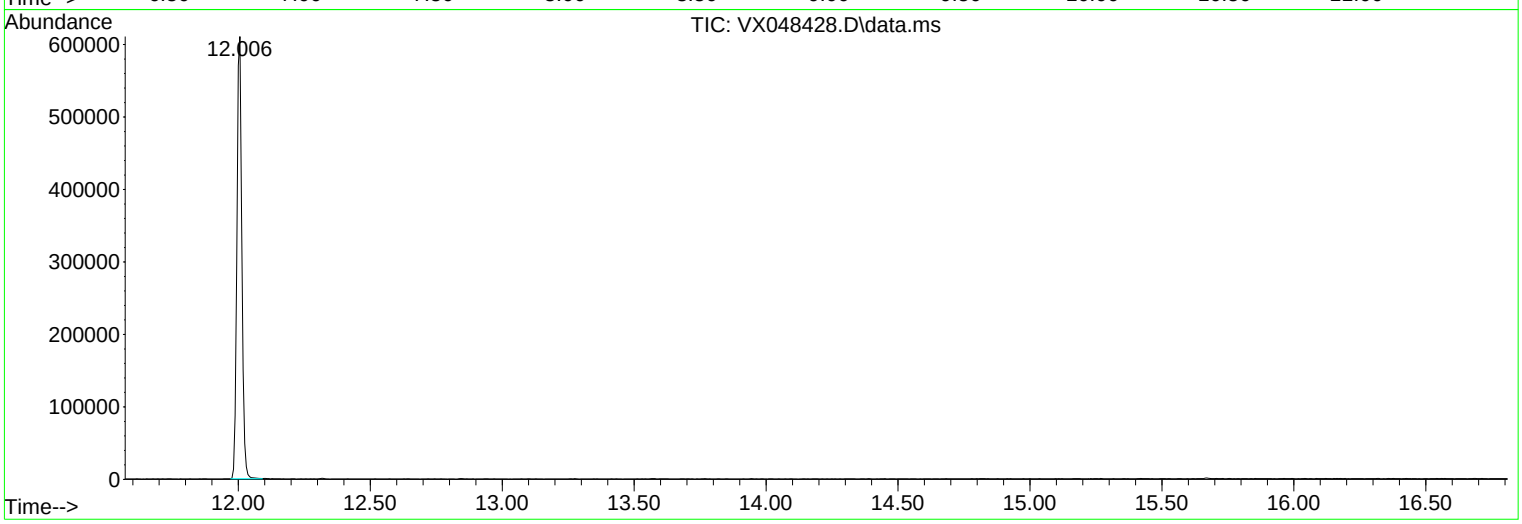
Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX110325\
Data File : VX048456.D
Acq On : 03 Nov 2025 14:59
Operator : JC/MD
Sample : Q3495-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Quant Time: Nov 04 00:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

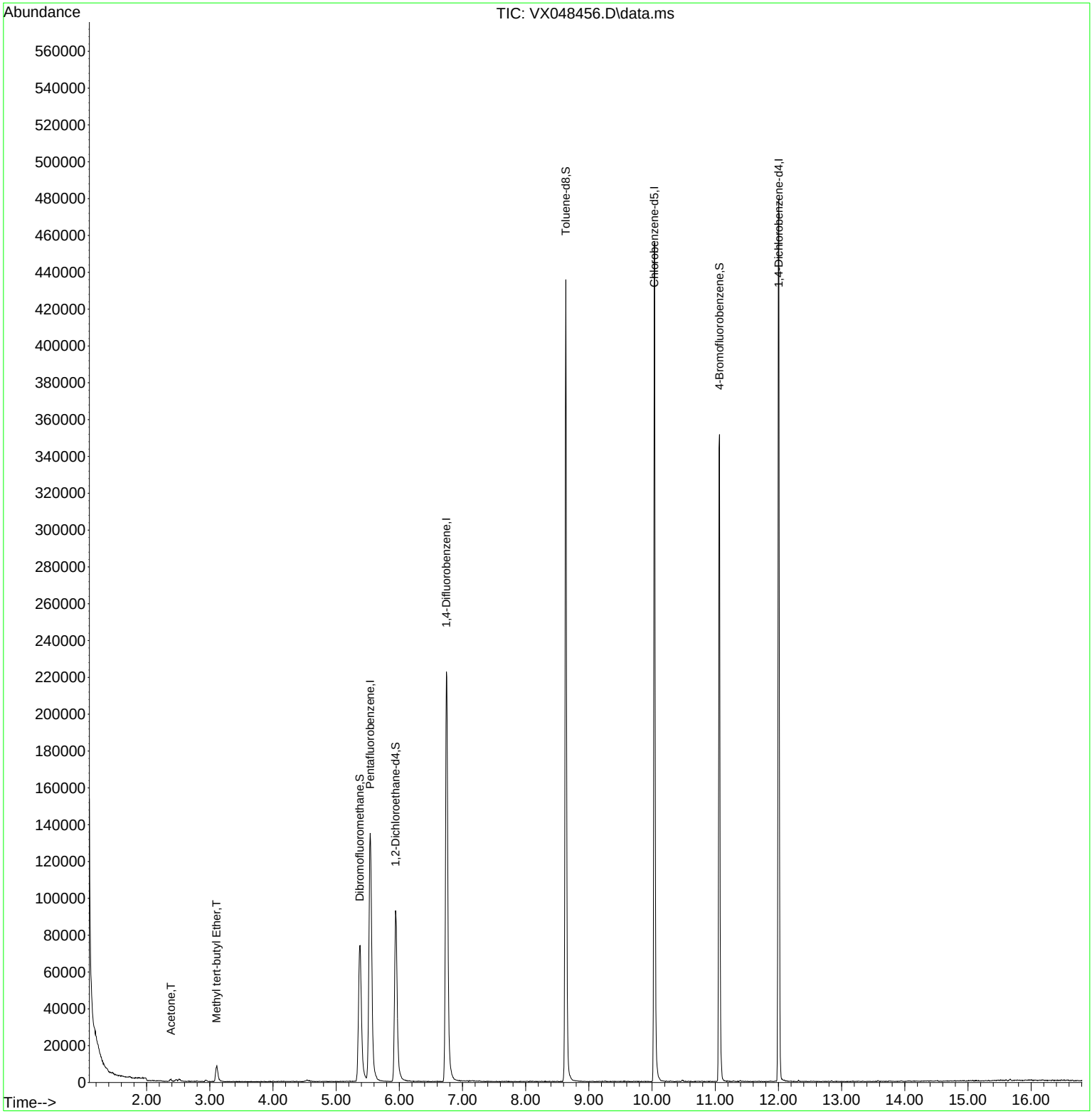
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	146009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	263069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100460	47.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.680%			
35) Dibromofluoromethane	5.373	113	76564	51.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.634	98	256435	38.732	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 77.460%#			
62) 4-Bromofluorobenzene	11.067	95	97496	39.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 78.740%#			
Target Compounds						Qvalue
16) Acetone	2.386	43	1438	3.022	ug/l #	78
19) Methyl tert-butyl Ether	3.105	73	10356	1.903	ug/l	100

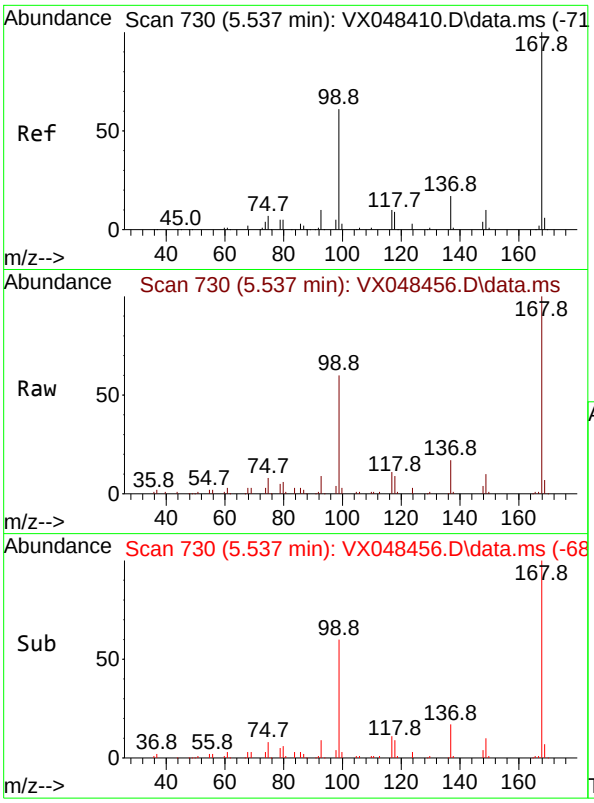
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048456.D
Acq On : 03 Nov 2025 14:59
Operator : JC/MD
Sample : Q3495-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Quant Time: Nov 04 00:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



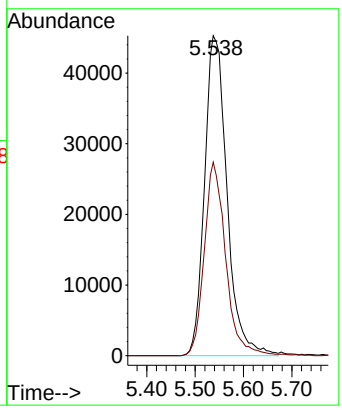


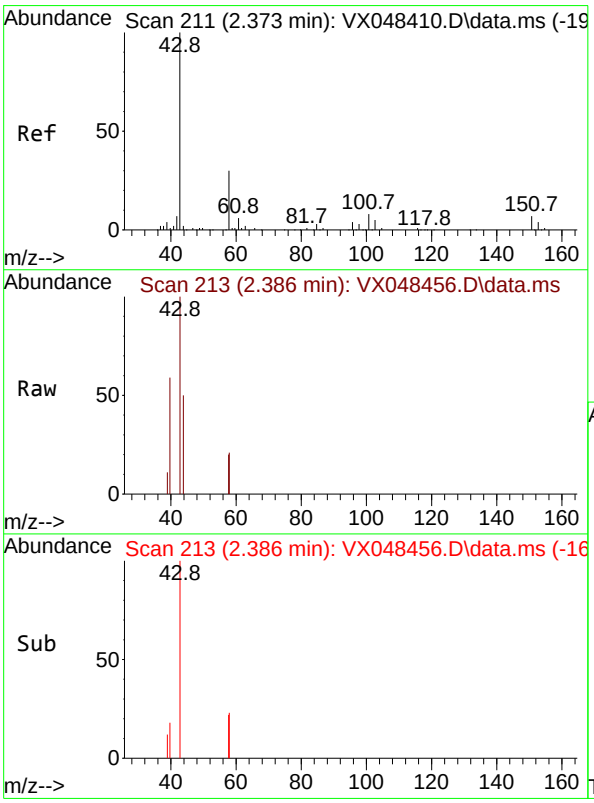
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:168 Resp: 146009

Ion	Ratio	Lower	Upper
168	100		
99	60.4	46.4	69.6

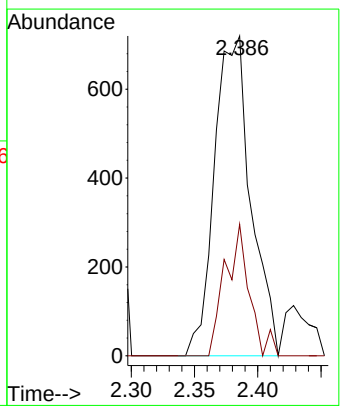


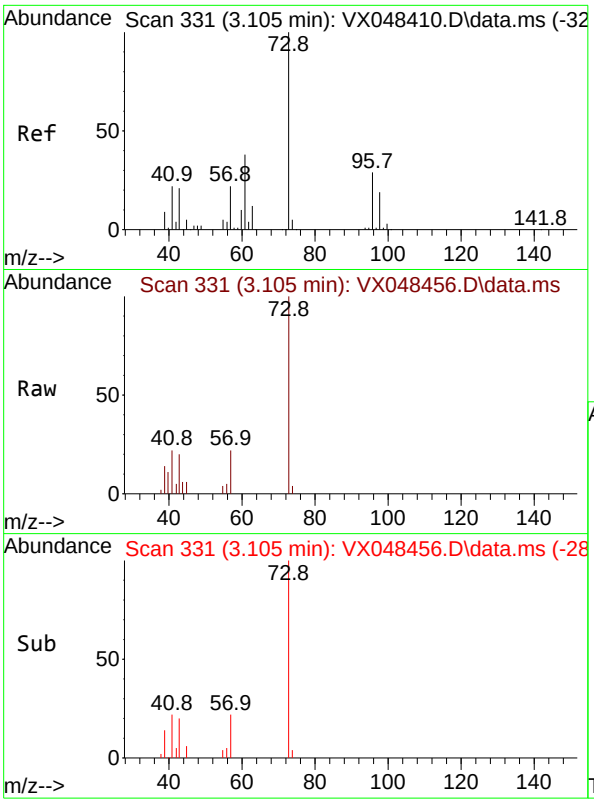


#16
Acetone
Concen: 3.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 43 Resp: 1438

Ion	Ratio	Lower	Upper
43	100		
58	41.1	23.4	35.2#



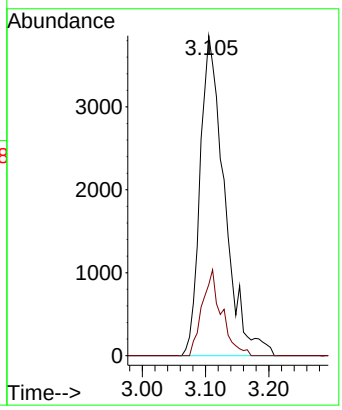


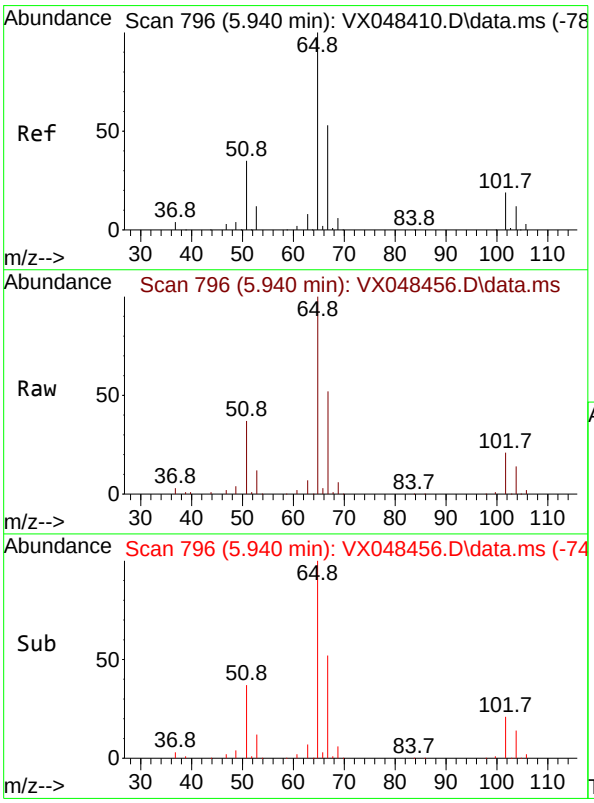
#19
Methyl tert-butyl Ether
Concen: 1.903 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion: 73 Resp: 10356

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

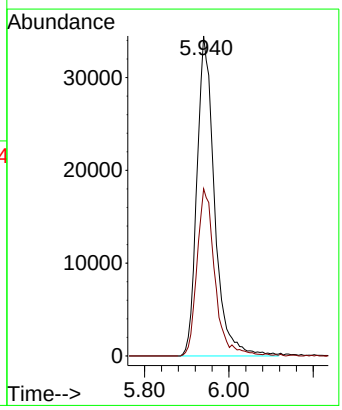


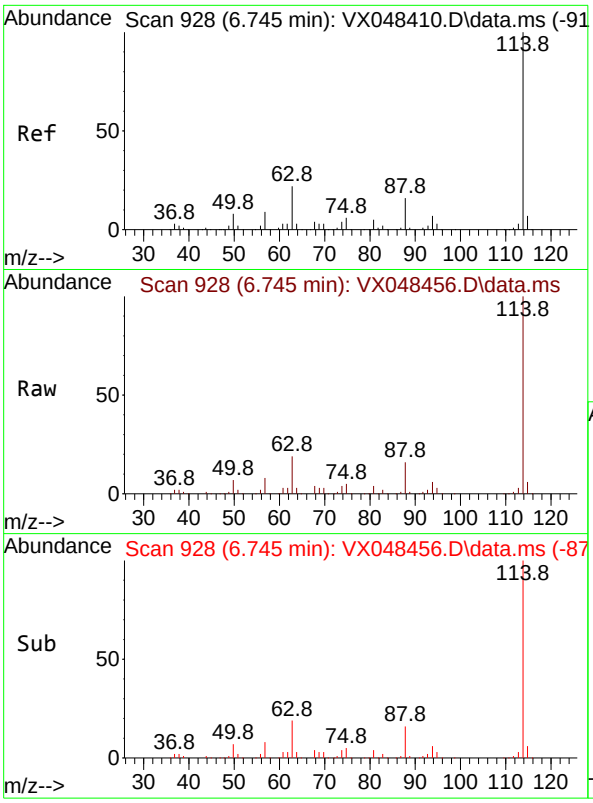


#33
1,2-Dichloroethane-d4
Concen: 47.842 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 65 Resp: 100460

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



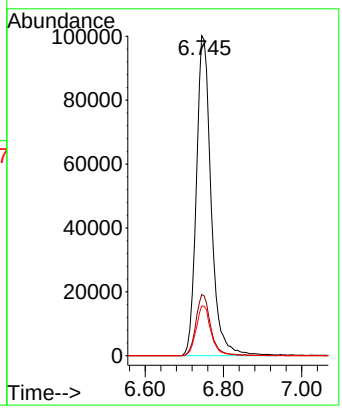


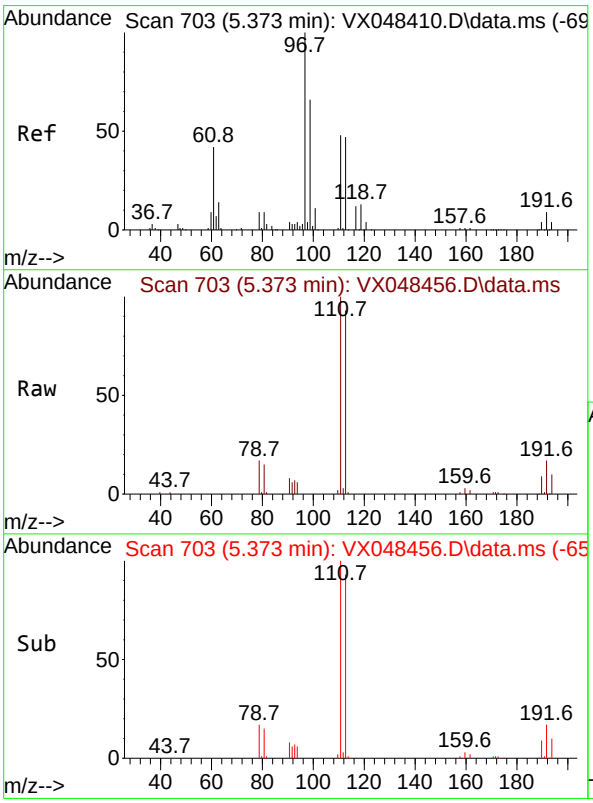
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:114 Resp: 263069

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	15.5	0.0	33.6

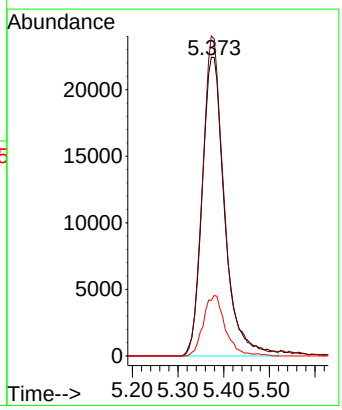


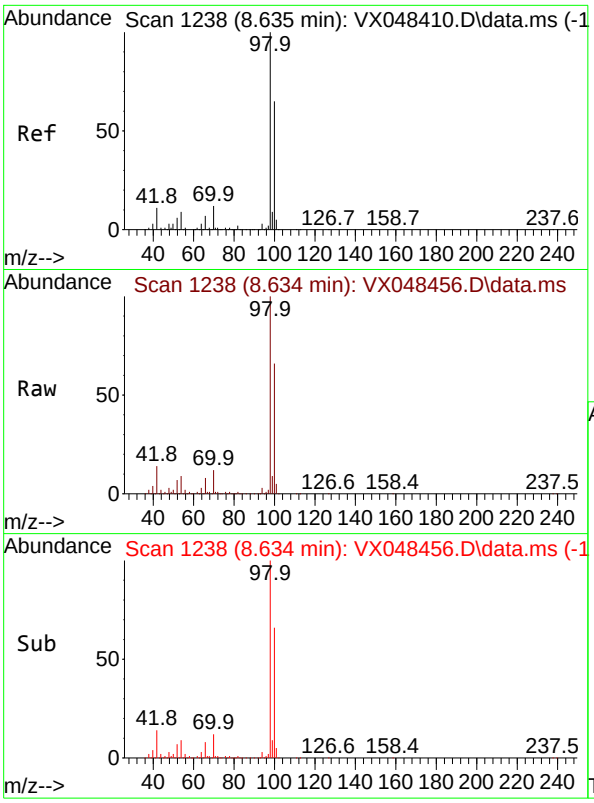


#35
Dibromofluoromethane
Concen: 51.048 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion:113 Resp: 76564

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	19.5	15.1	22.7



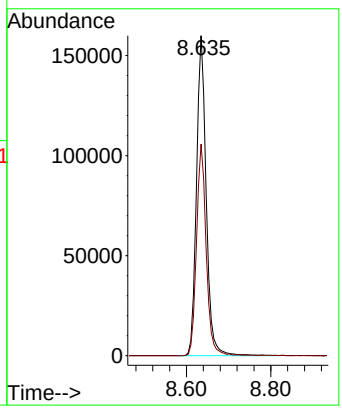


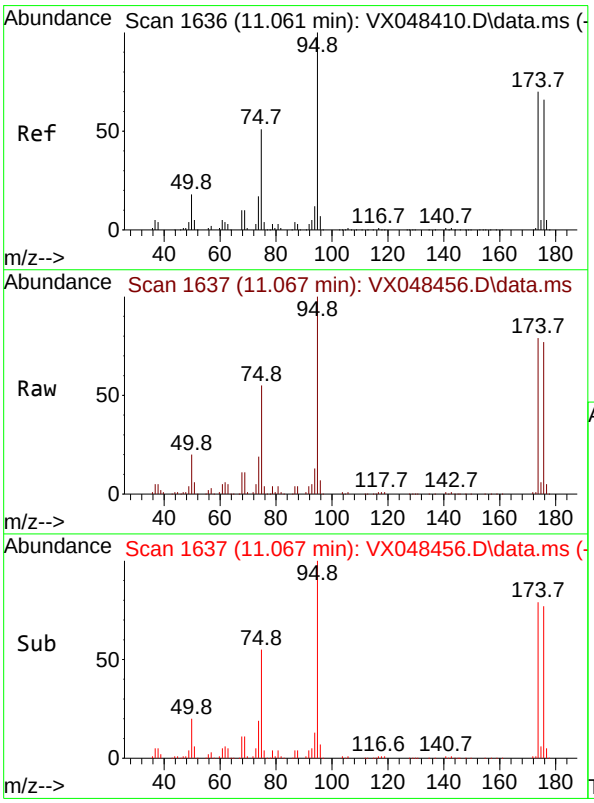
#50
Toluene-d8
Concen: 38.732 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion: 98 Resp: 256435

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

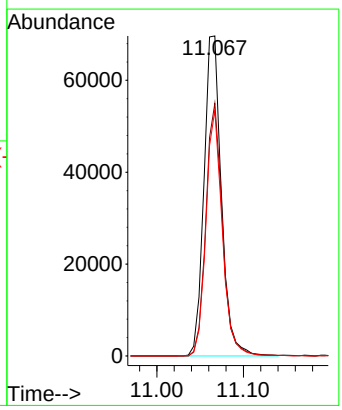


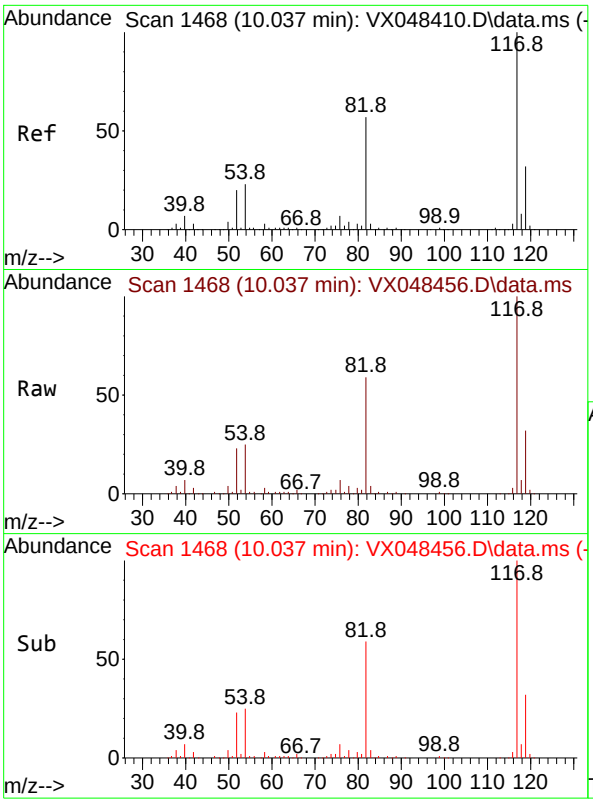


#62
4-Bromofluorobenzene
Concen: 39.365 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 95 Resp: 97496

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.8
176	71.9	0.0	142.8



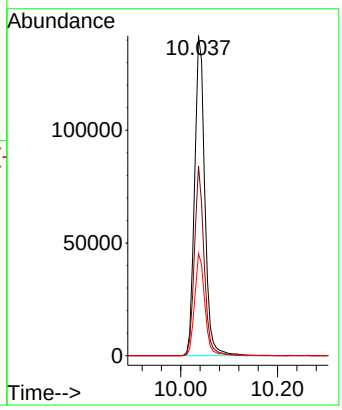


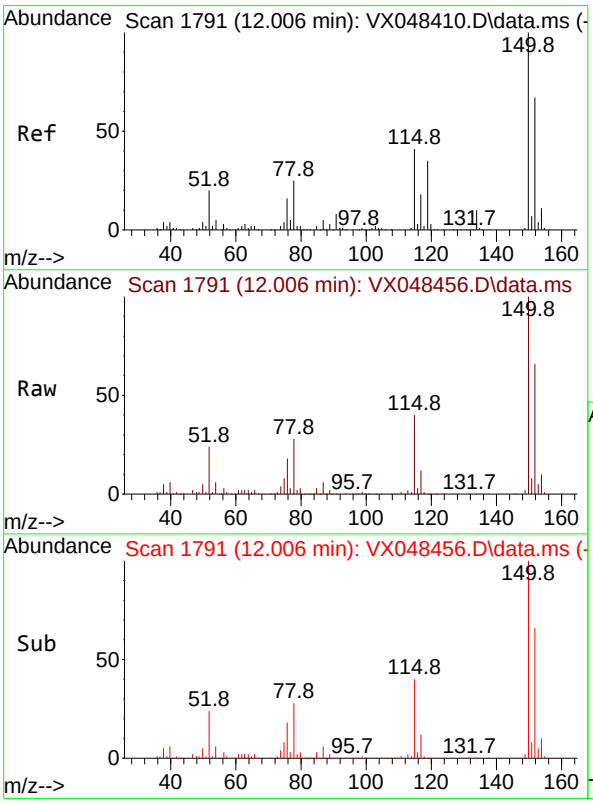
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:117 Resp: 207013

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.5	69.7
119	31.9	25.9	38.9

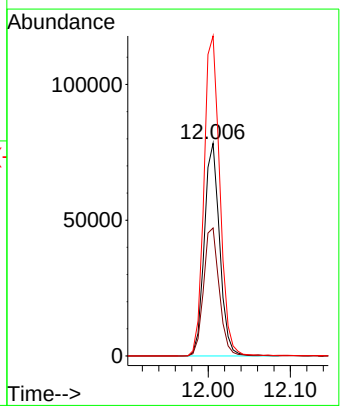




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion:152 Resp: 101418

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.1	129.4
150	155.3	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Nov 04 00:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

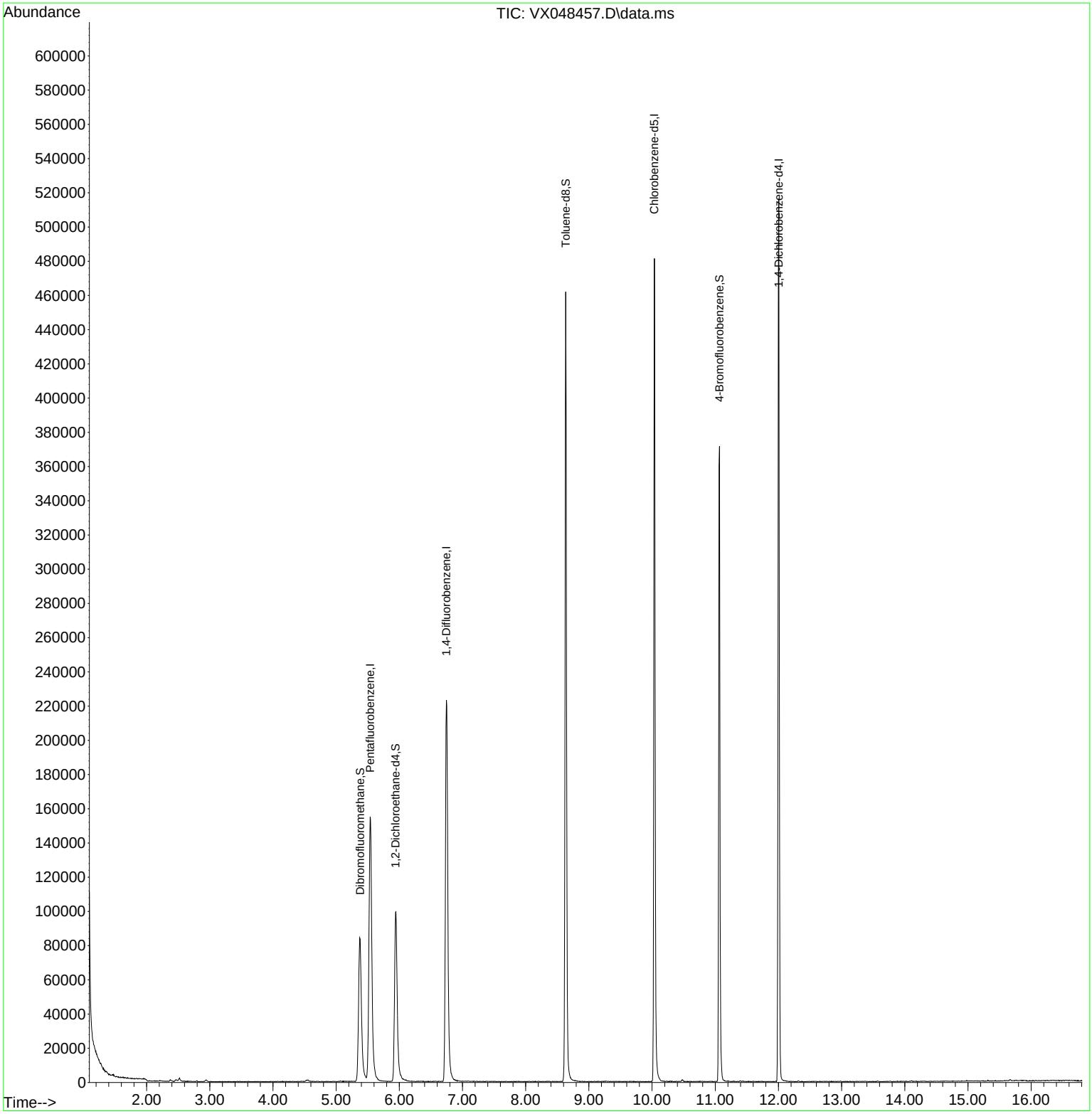
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	163243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	218816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108896	46.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.760%			
35) Dibromofluoromethane	5.379	113	84990	58.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.700%			
50) Toluene-d8	8.634	98	275410	43.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.400%#			
62) 4-Bromofluorobenzene	11.067	95	103711	43.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.980%			
Target Compounds						Qvalue

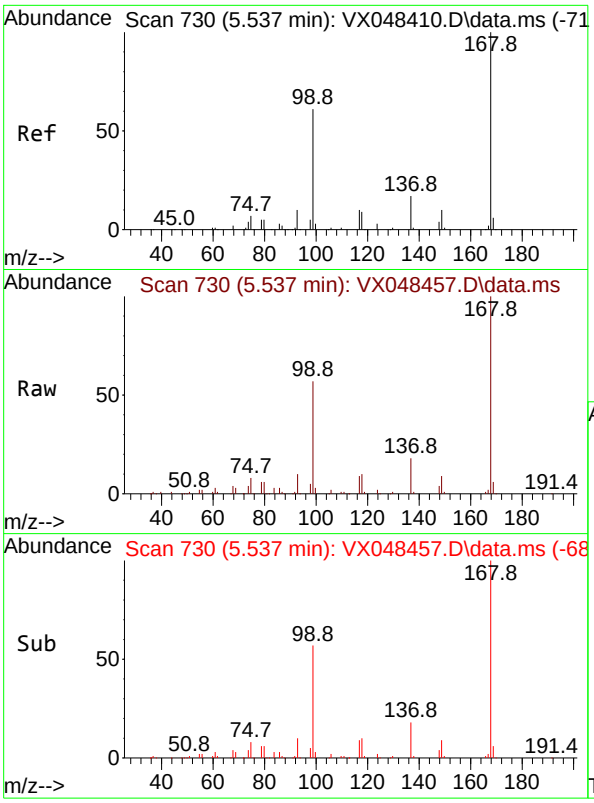
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Nov 04 00:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



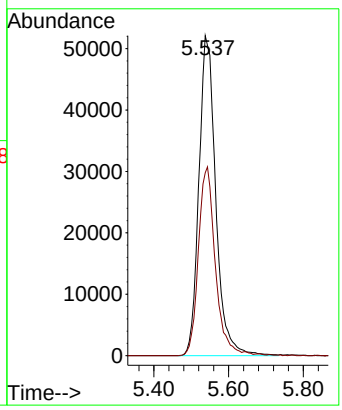


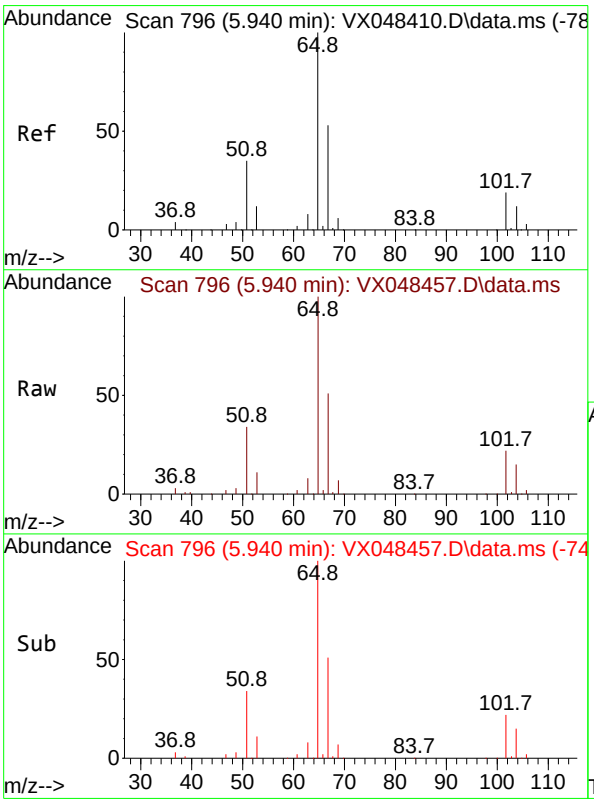
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 163243

Ion	Ratio	Lower	Upper
168	100		
99	57.1	46.4	69.6

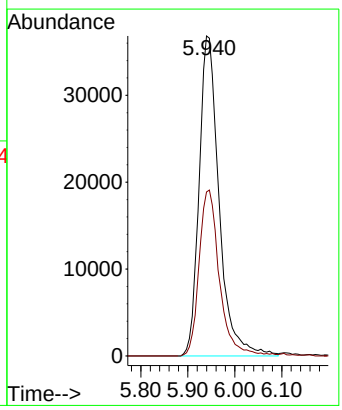


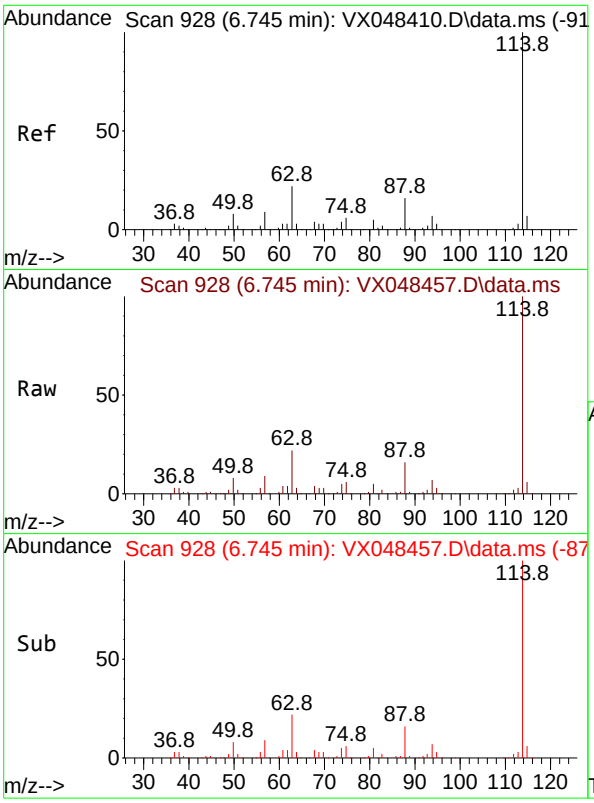


#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 65 Resp: 108896

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



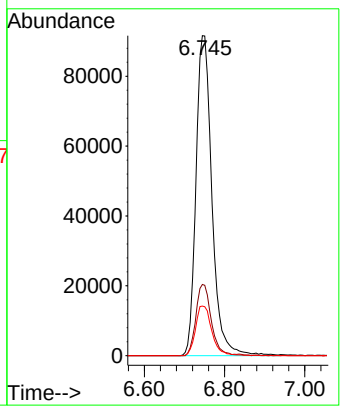


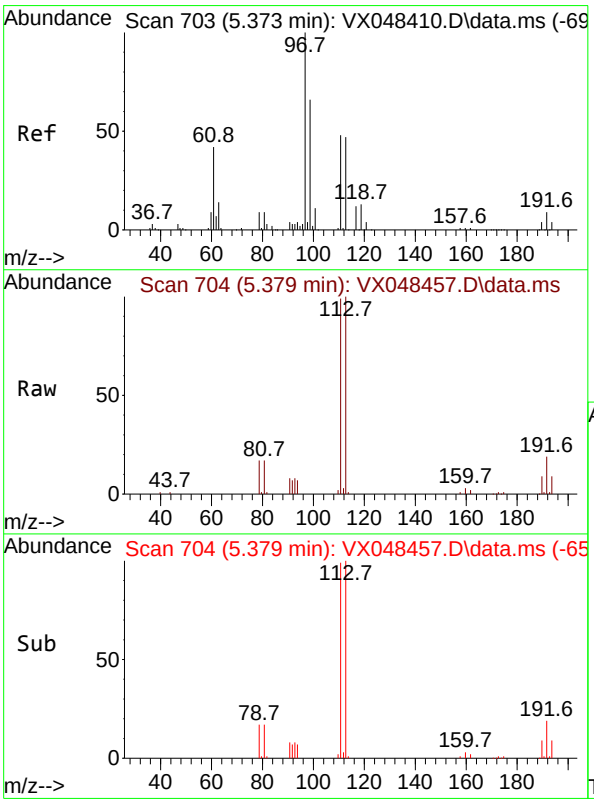
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 253289

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.5	0.0	33.6

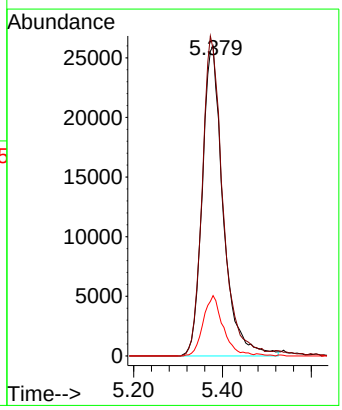


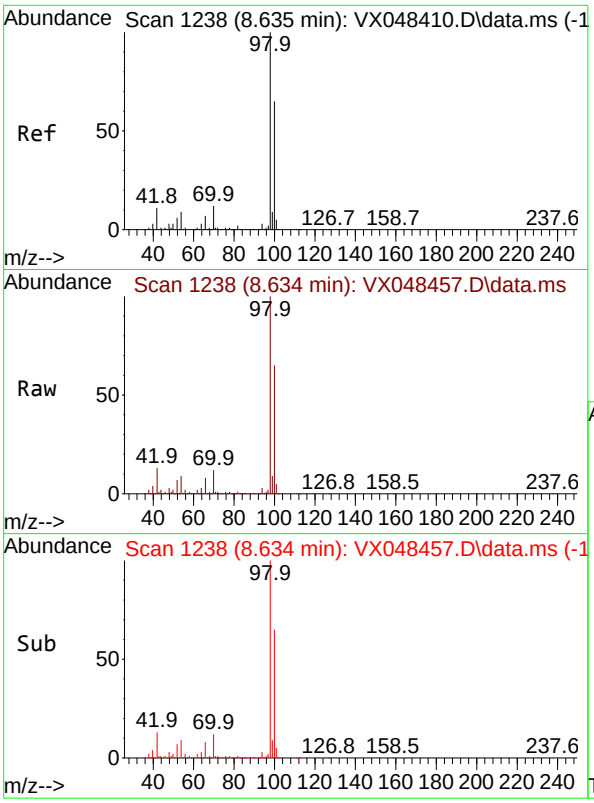


#35
Dibromofluoromethane
Concen: 58.853 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion:113 Resp: 84990

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.5	15.1	22.7



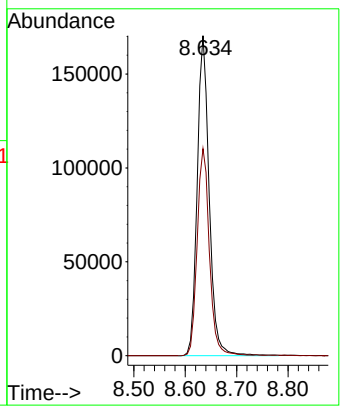


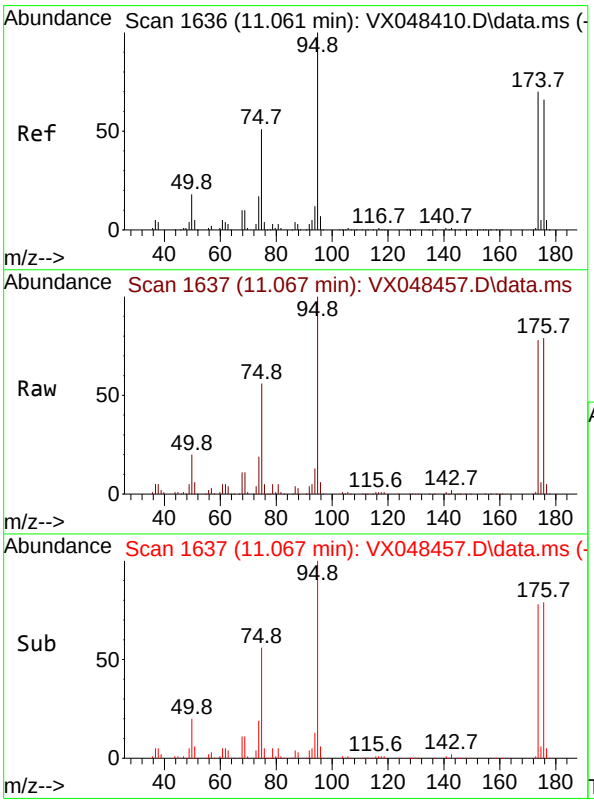
#50
Toluene-d8
Concen: 43.204 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 275410

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

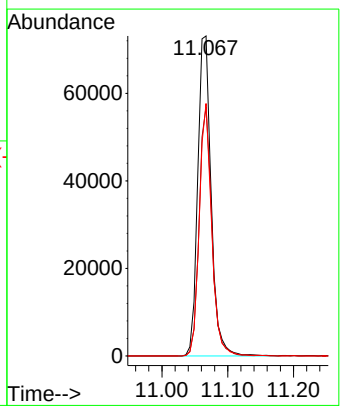


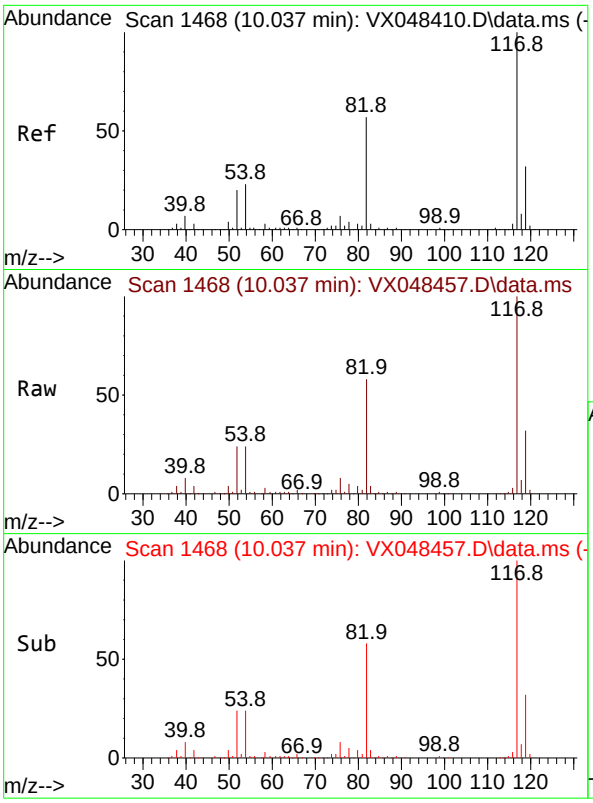


#62
4-Bromofluorobenzene
Concen: 43.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 95 Resp: 103711

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	147.8
176	72.8	0.0	142.8



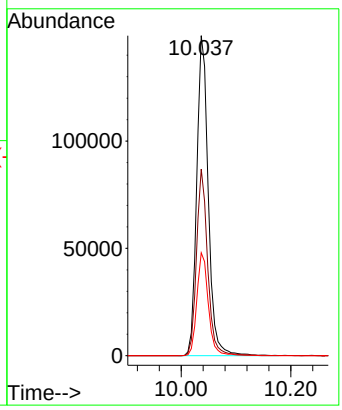


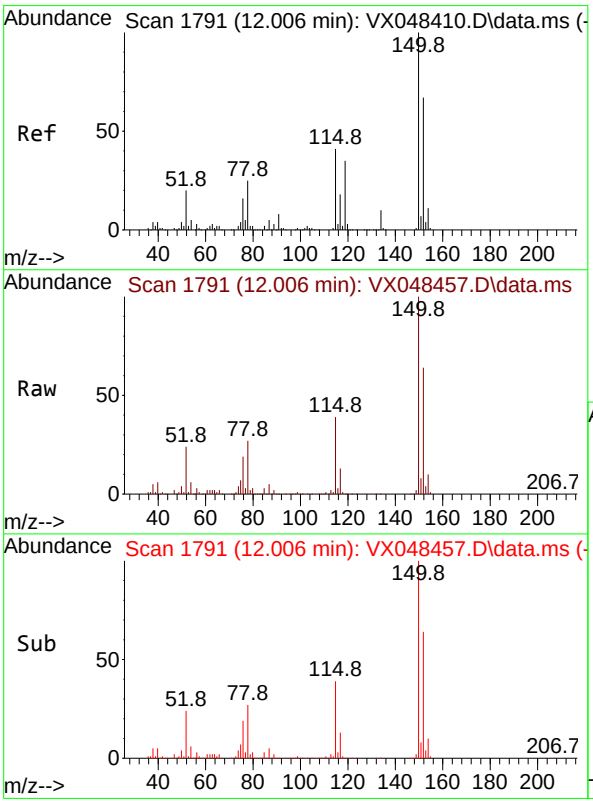
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 218816

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.5	69.7
119	32.1	25.9	38.9

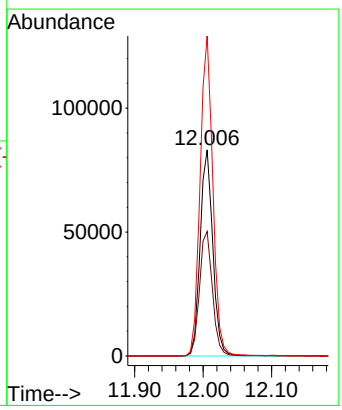




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion:152 Resp: 107167

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.1	129.4
150	155.9	0.0	353.0



Sample Results: **VX048457.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

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\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV2	84074	273054	35.67%	6.324%
2	5.537	720	730	756	rVB	154406	484516	63.30%	11.221%
3	5.946	786	797	821	rBV	99063	295121	38.56%	6.835%
4	6.745	918	928	948	rBV	222952	601805	78.62%	13.937%
5	8.634	1229	1238	1259	rBV	461611	765428	100.00%	17.727%
6	10.037	1462	1468	1489	rBV	480993	696483	90.99%	16.130%
7	11.067	1631	1637	1649	rBV	371259	518851	67.79%	12.016%
8	12.006	1785	1791	1805	rBV	516059	682697	89.19%	15.811%

Sum of corrected areas: 4317955

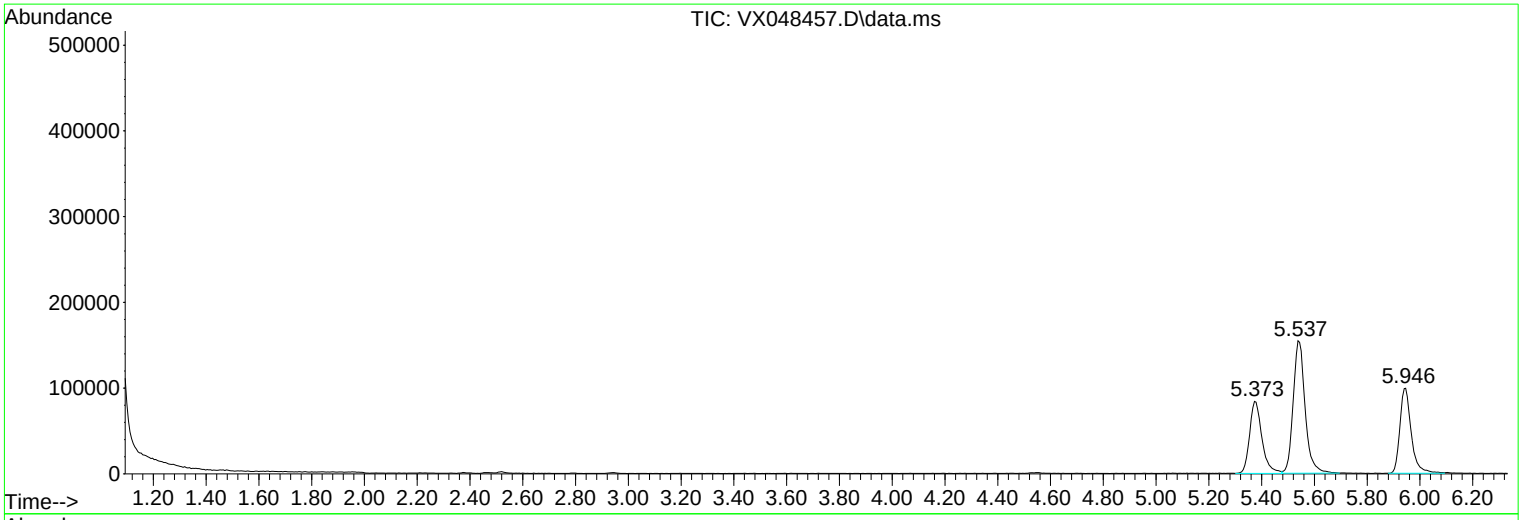
Sample Results: **VX048457.D**

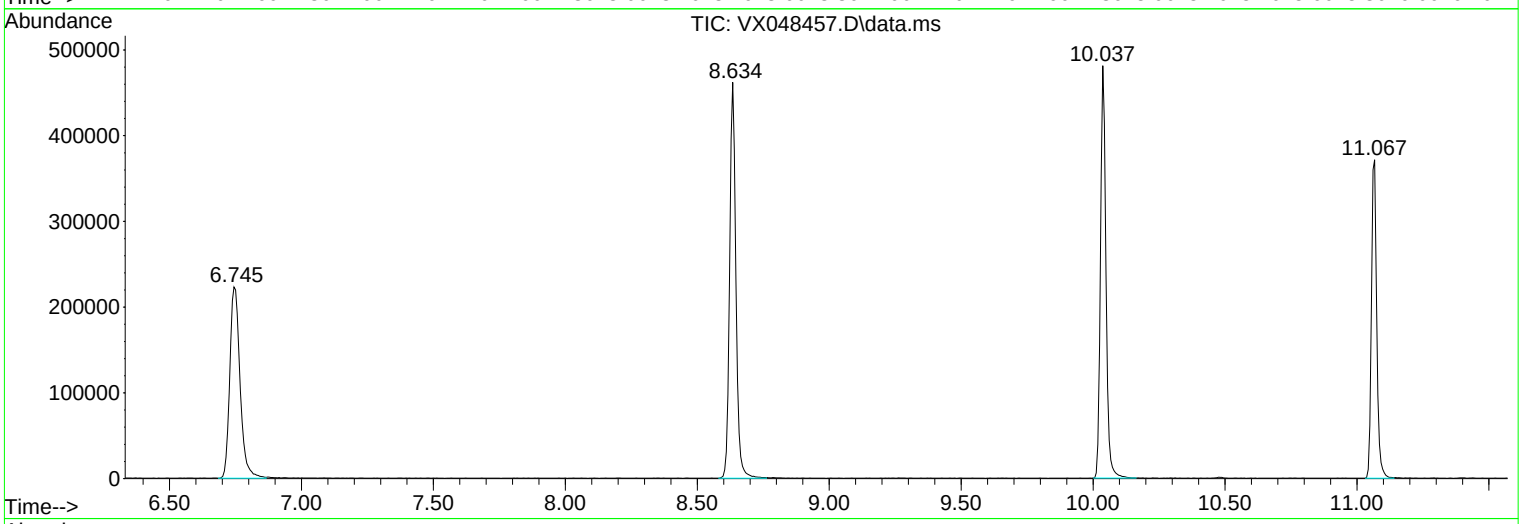
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

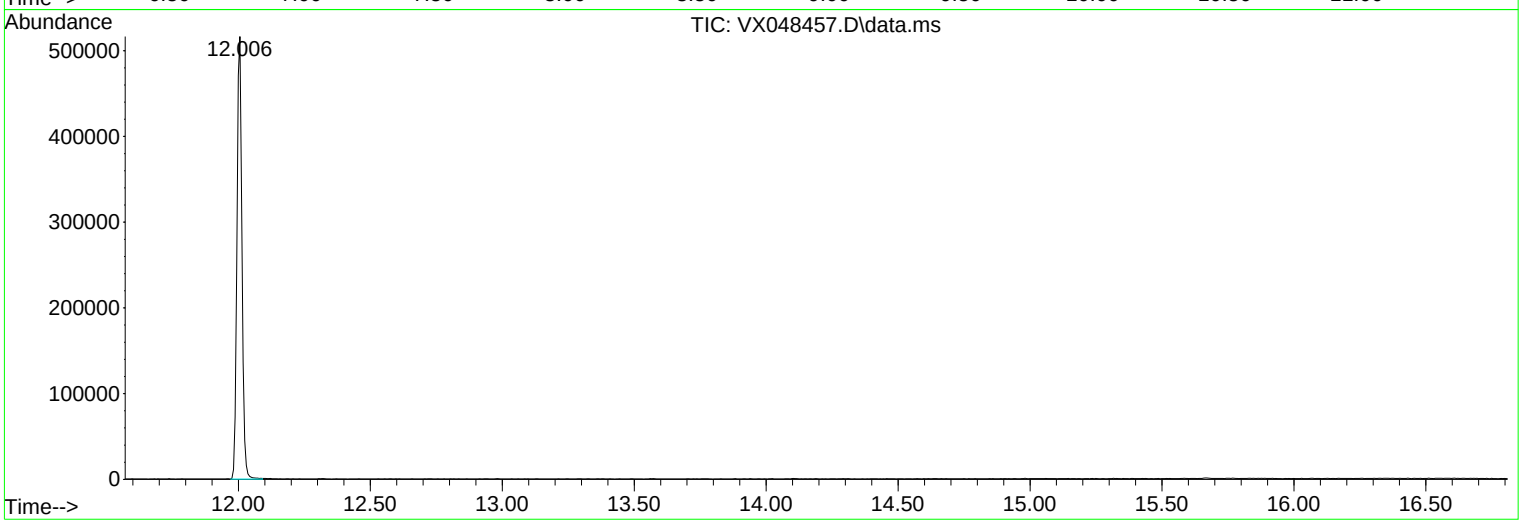
Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	109923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85260	53.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.860%			
35) Dibromofluoromethane	5.373	113	63824	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.634	98	270510	48.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.061	95	119942	57.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.300%			

Target Compounds Qvalue

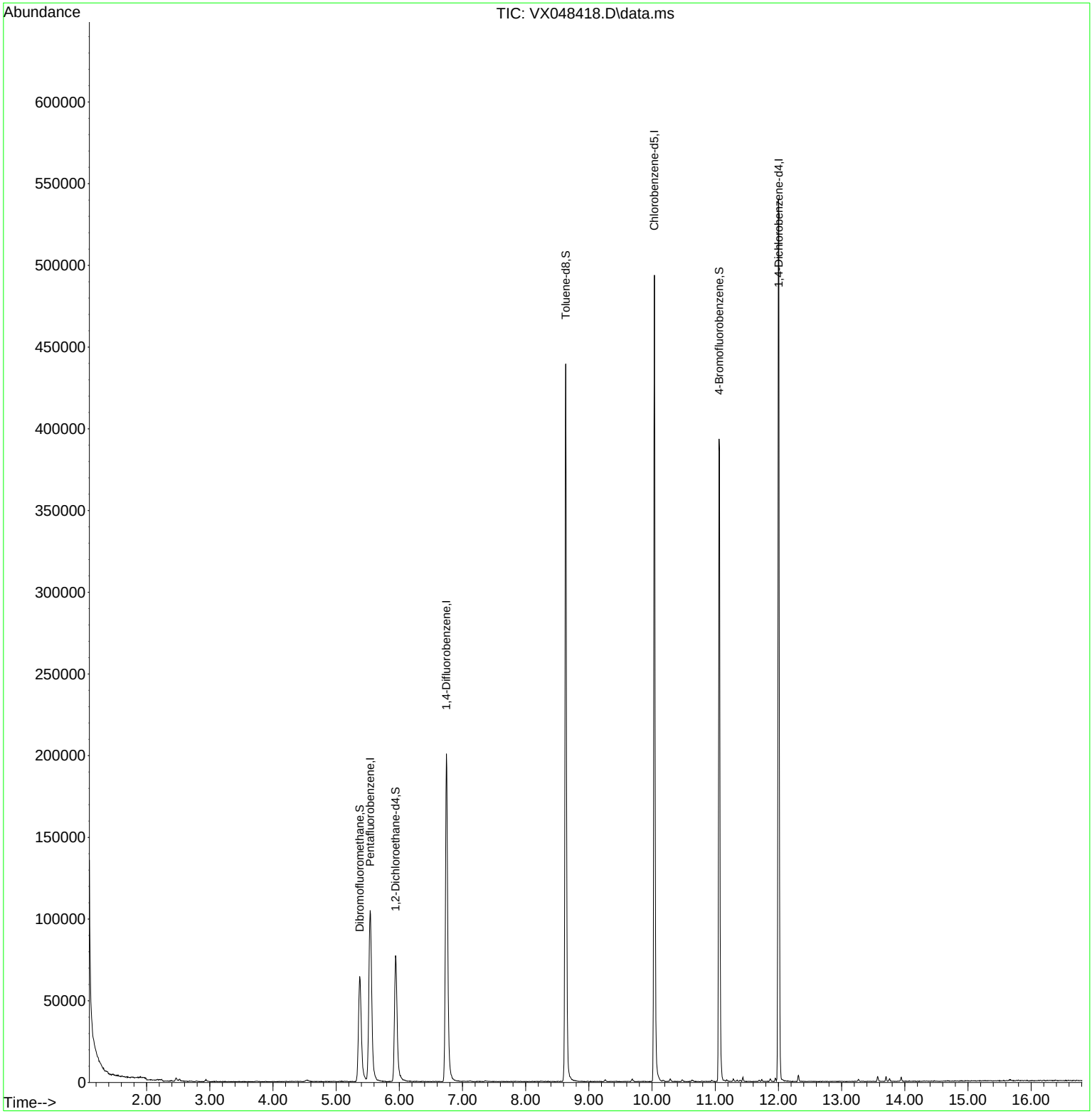
(#) = qualifier out of range (m) = manual integration (+) = signals summed

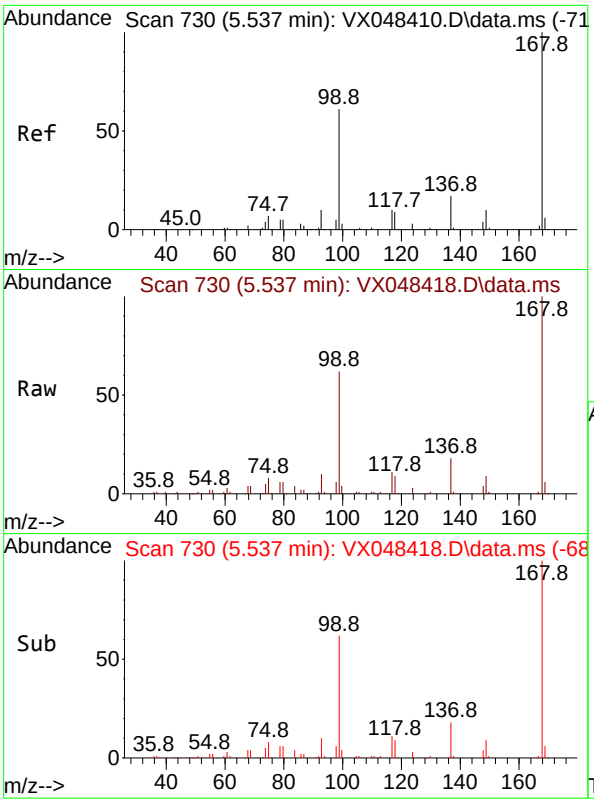
Sample Results: **VX048418.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



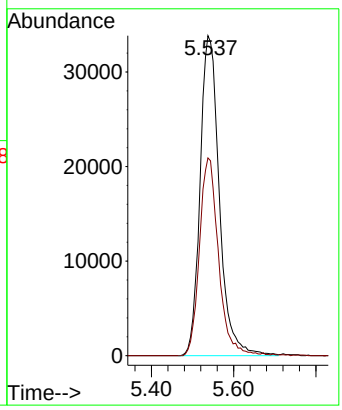


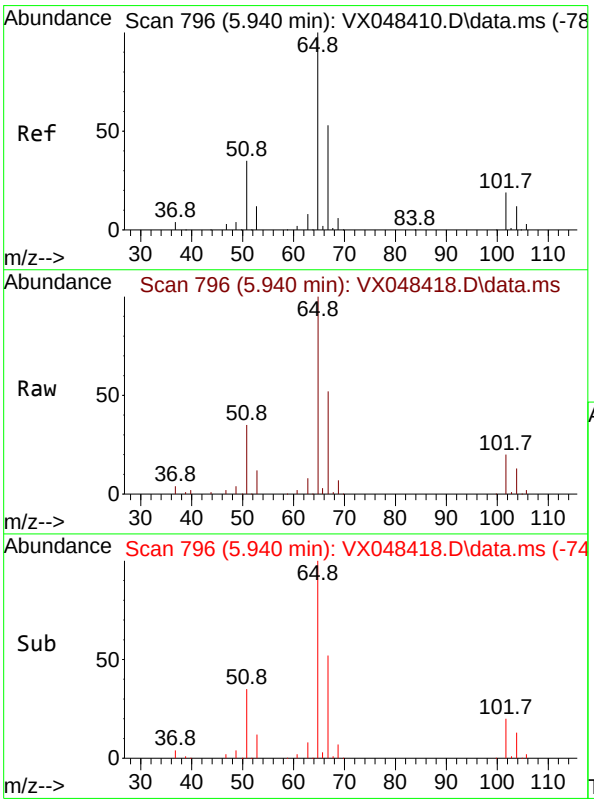
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:168 Resp: 109923

Ion	Ratio	Lower	Upper
168	100		
99	61.8	46.4	69.6

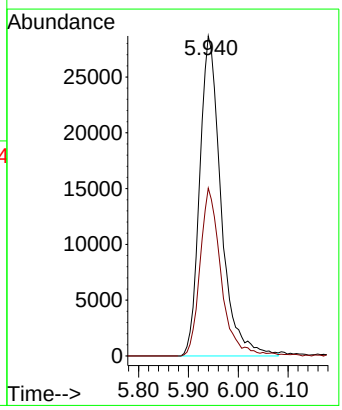


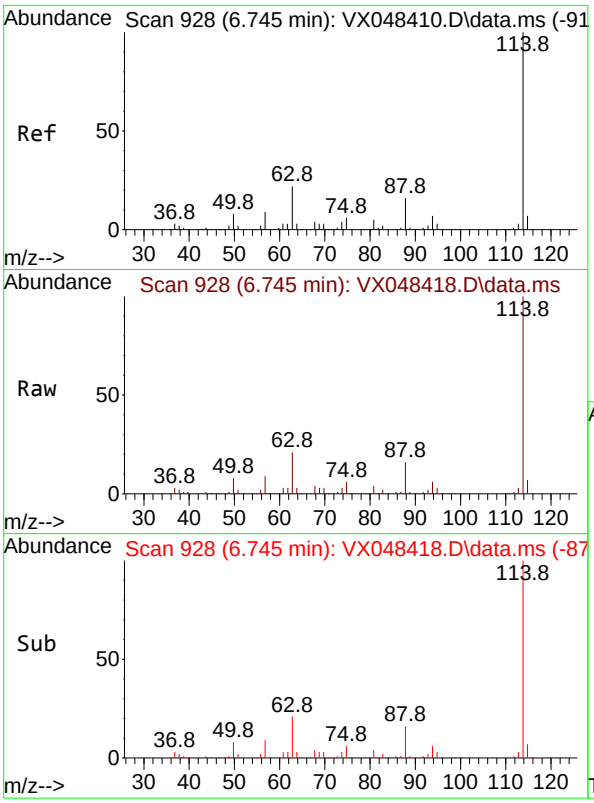


#33
1,2-Dichloroethane-d4
Concen: 53.933 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 65 Resp: 85260

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



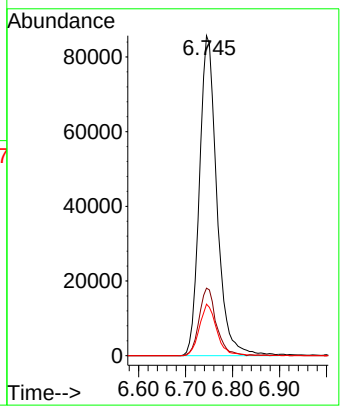


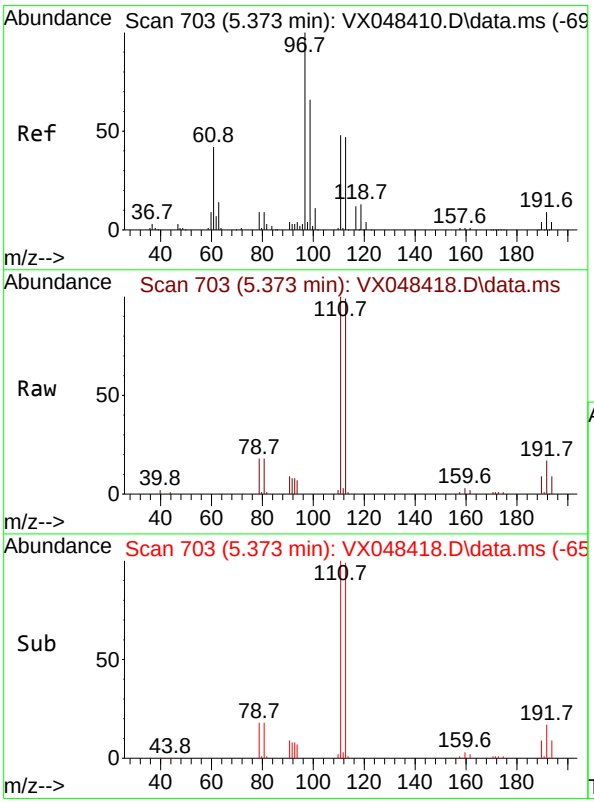
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:114 Resp: 221003

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	16.1	0.0	33.6

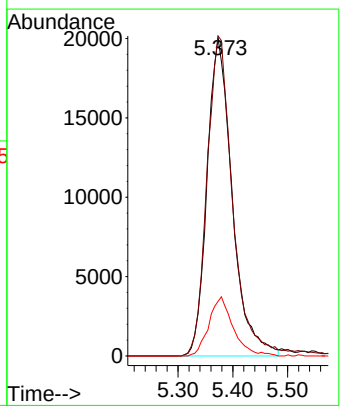


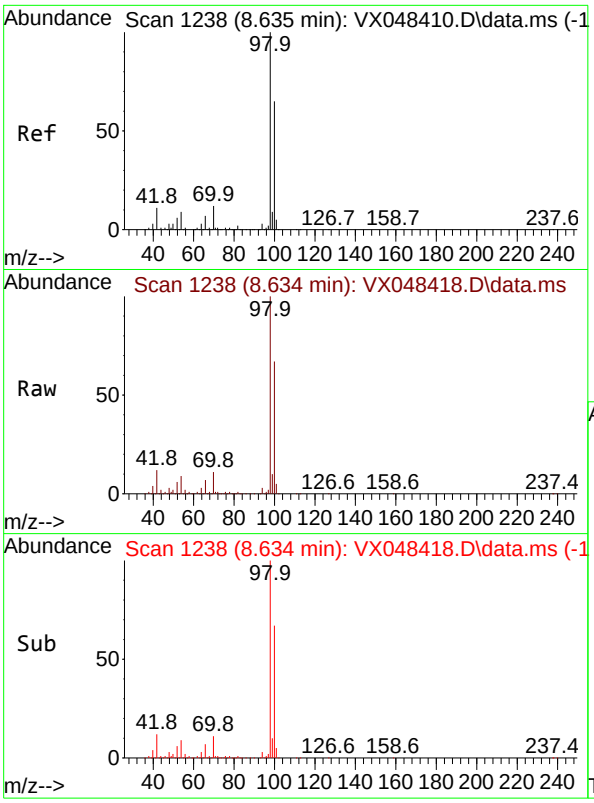


#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:113 Resp: 63824

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.0	15.1	22.7



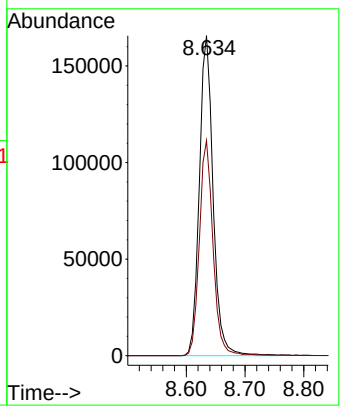


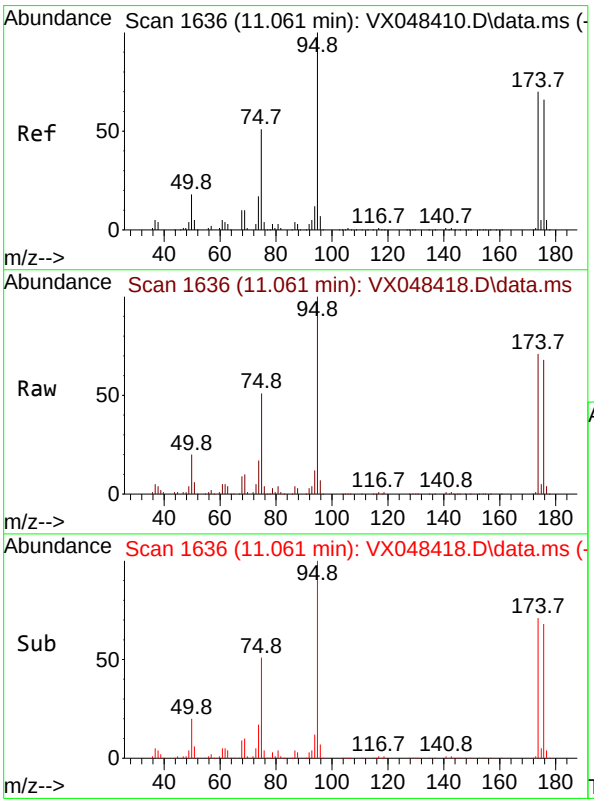
#50
Toluene-d8
Concen: 48.635 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion: 98 Resp: 270510

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4

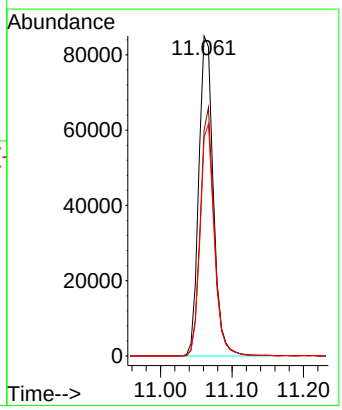


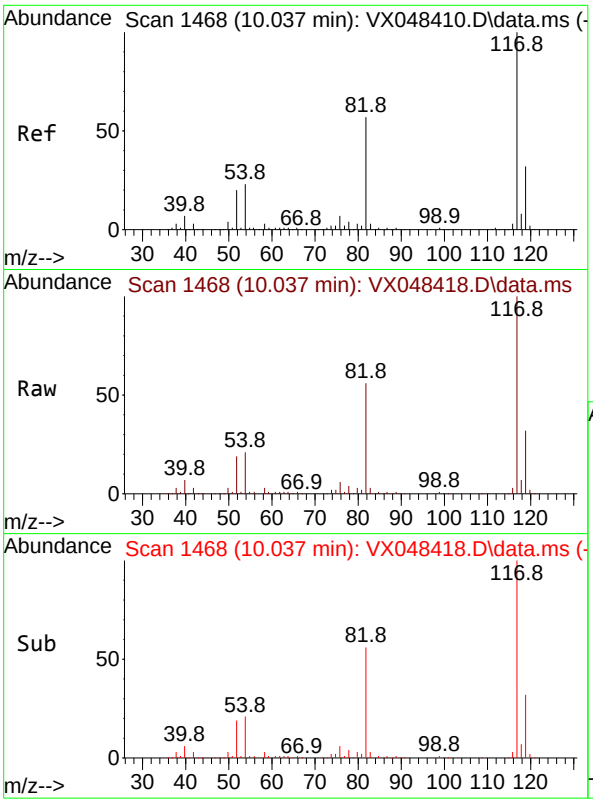


#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 95 Resp: 119942

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	147.8
176	70.9	0.0	142.8



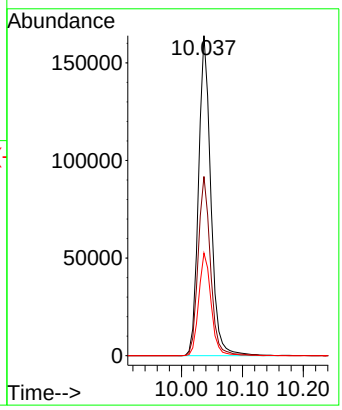


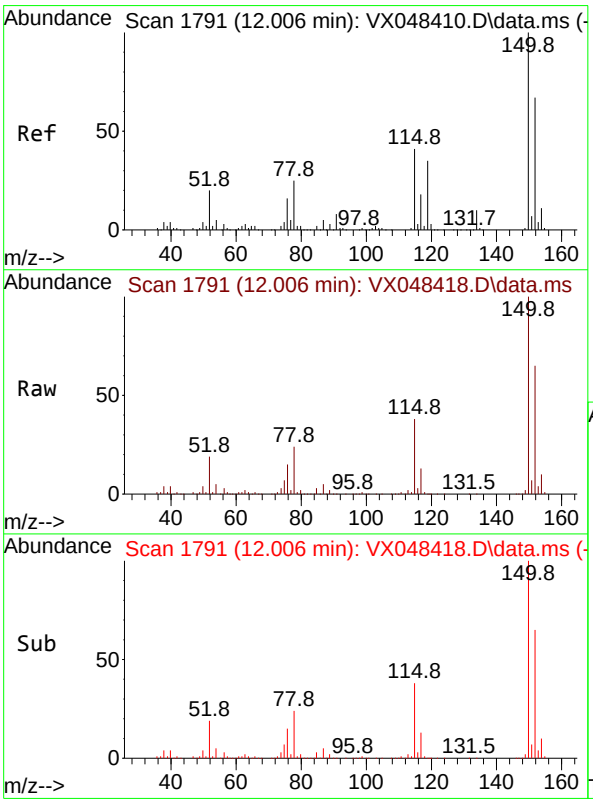
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:117 Resp: 229713

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	32.1	25.9	38.9

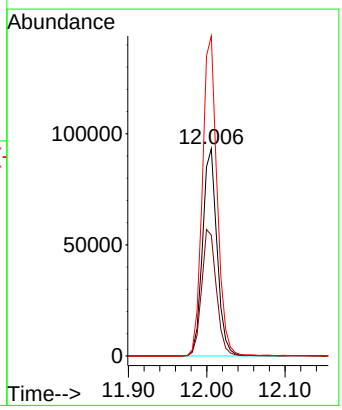




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:152 Resp: 119652

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.1	129.4
150	156.4	0.0	353.0



Sample Results: **VX048418.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

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\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	692	703	719	rBV2	64419	206653	28.29%	5.180%
2	5.537	720	730	749	rVB	104056	327330	44.81%	8.206%
3	5.940	786	796	815	rBV	76979	227778	31.19%	5.710%
4	6.745	915	928	949	rBV	200557	513974	70.37%	12.884%
5	8.634	1229	1238	1254	rBV	439136	730407	100.00%	18.310%
6	10.037	1462	1468	1488	rBV	493365	700400	95.89%	17.558%
7	11.061	1631	1636	1647	rBV	393157	556846	76.24%	13.959%
8	12.000	1785	1790	1798	rBV	539795	725707	99.36%	18.192%

Sum of corrected areas: 3989095

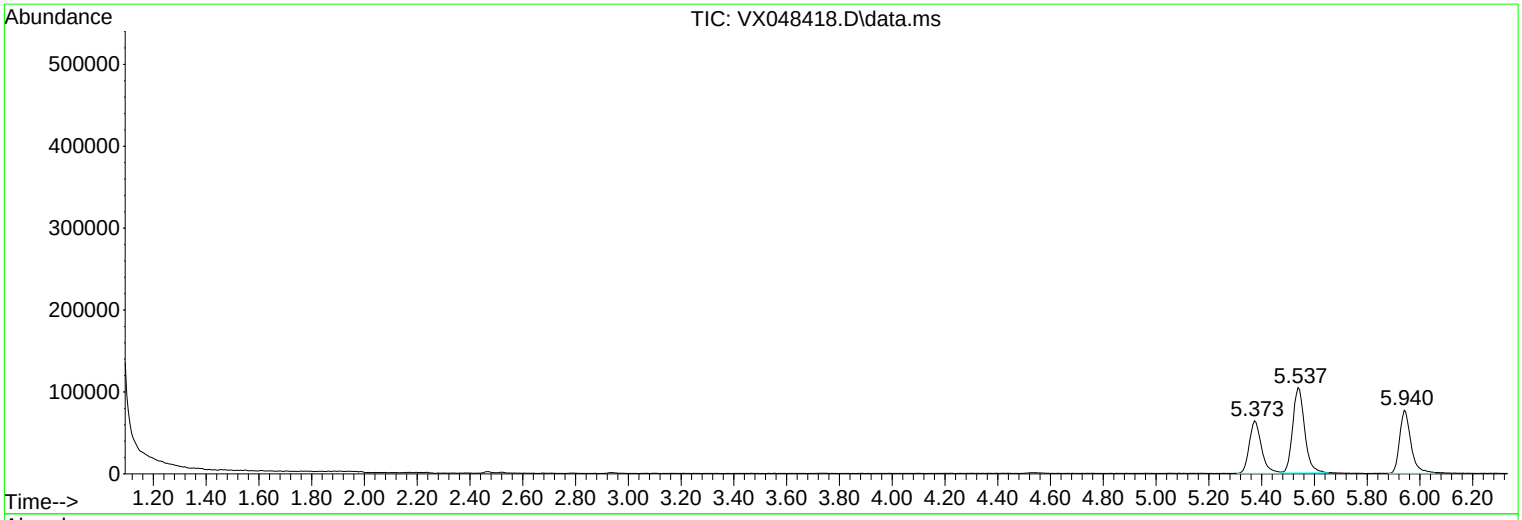
Sample Results: **VX048418.D**

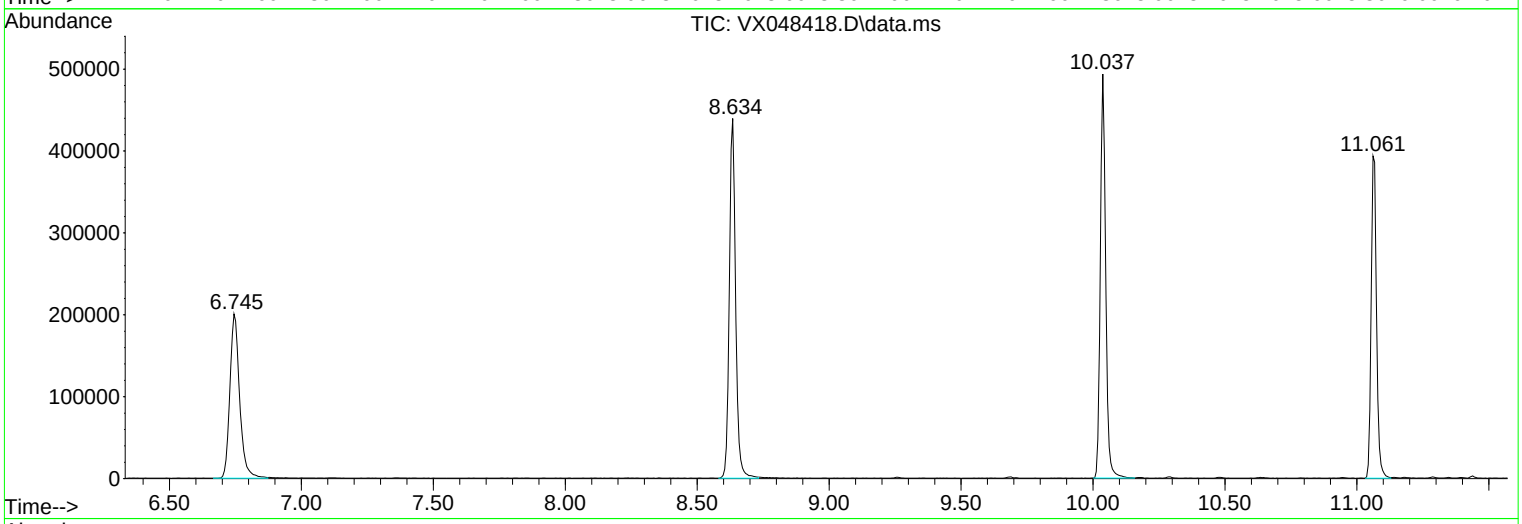
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

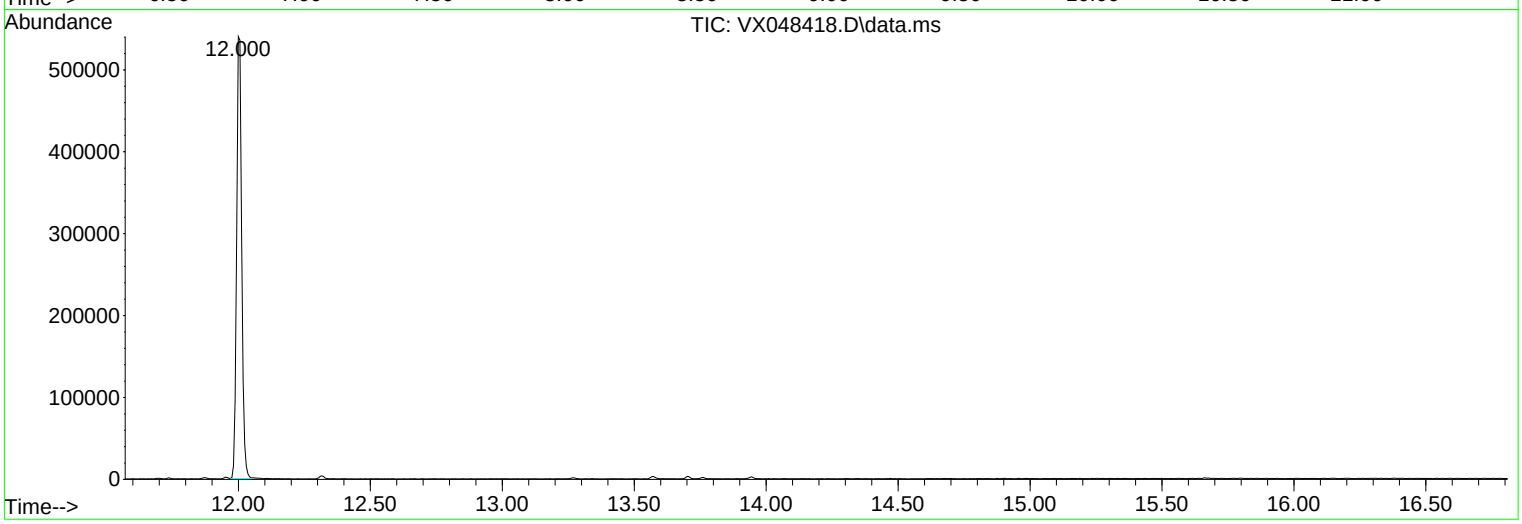
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX048418.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Time: Nov 04 00:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	160467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	268071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121597	52.690	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.380%			
35) Dibromofluoromethane	5.367	113	91442	59.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.660%			
50) Toluene-d8	8.629	98	306638	45.451	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.900%#			
62) 4-Bromofluorobenzene	11.061	95	122008	48.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.680%			
Target Compounds						Qvalue

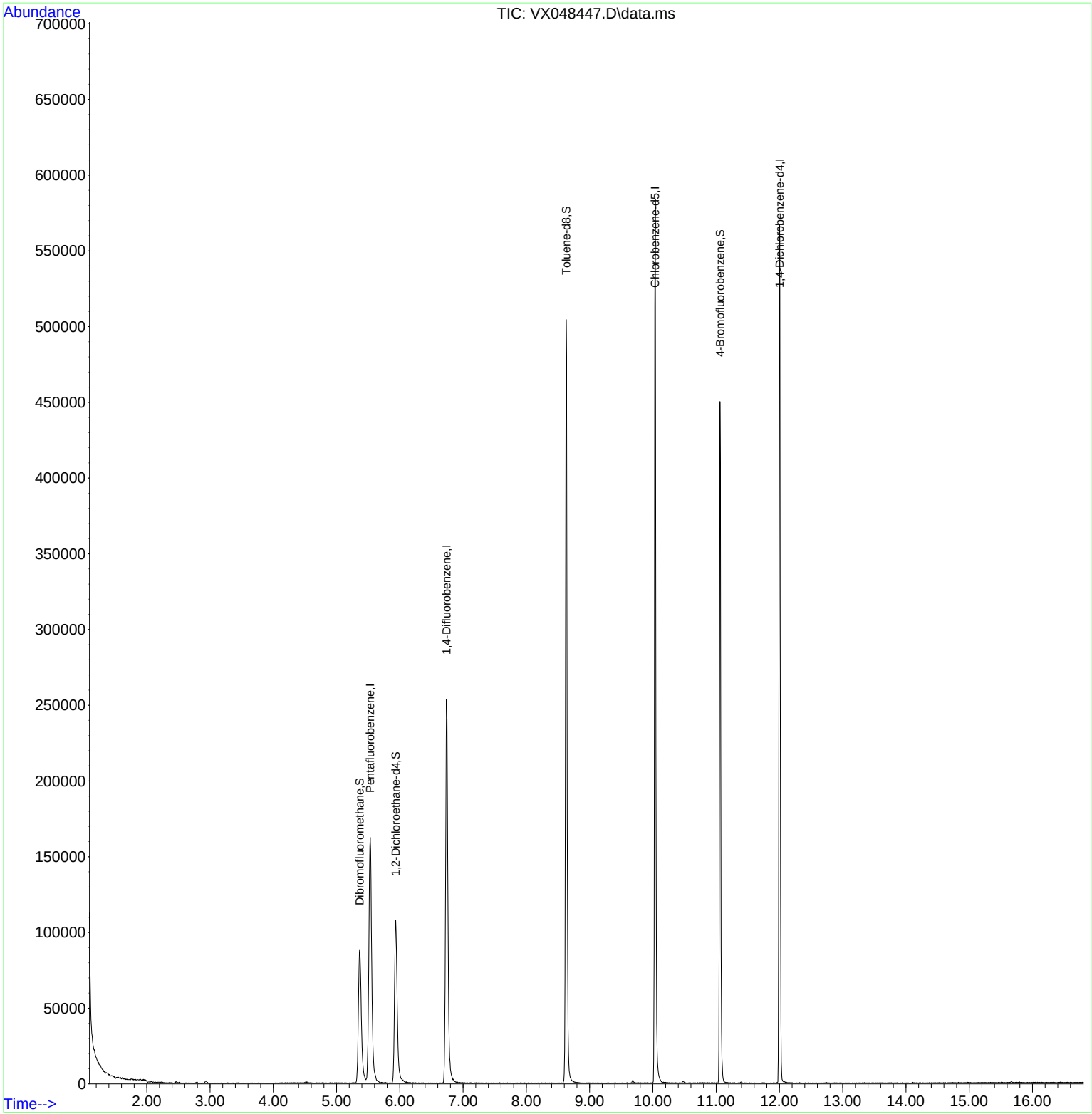
(#) = qualifier out of range (m) = manual integration (+) = signals summed

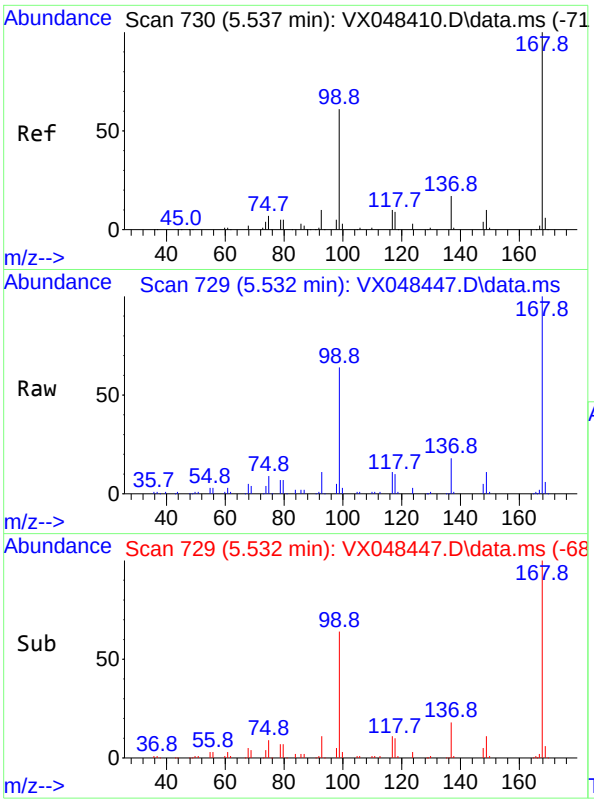
Sample Results: **VX048447.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Time: Nov 04 00:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



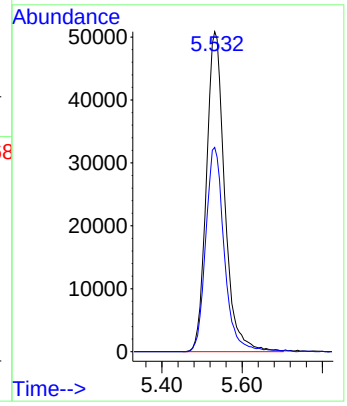


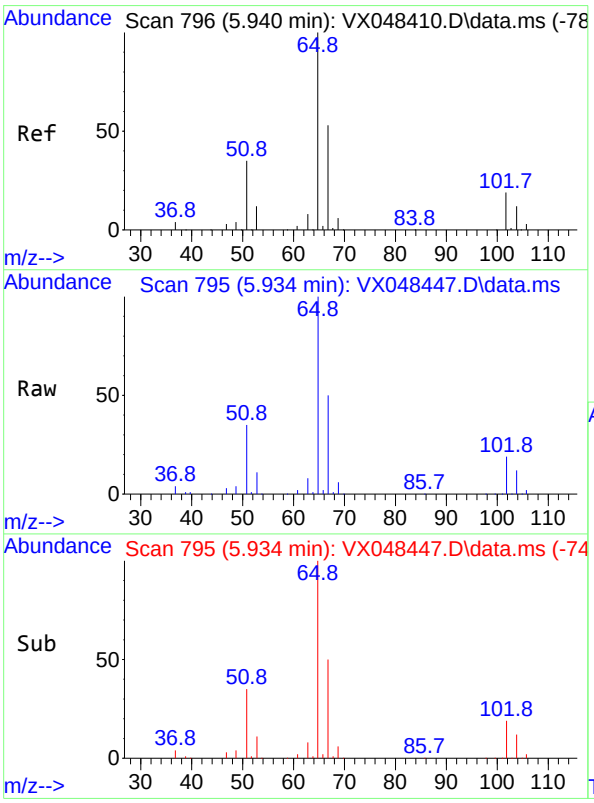
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.005 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:168 Resp: 160467

Ion	Ratio	Lower	Upper
168	100		
99	63.9	46.4	69.6

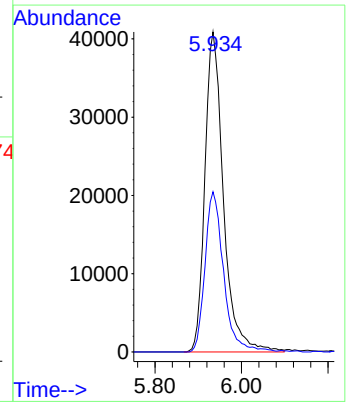


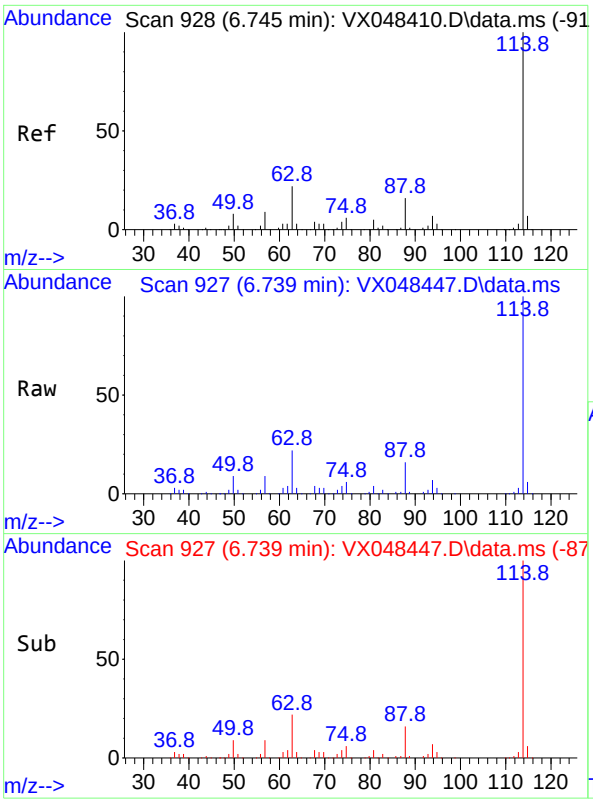


#33
1,2-Dichloroethane-d4
Concen: 52.690 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion: 65 Resp: 121597

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.0



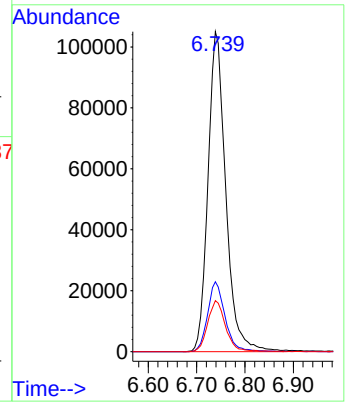


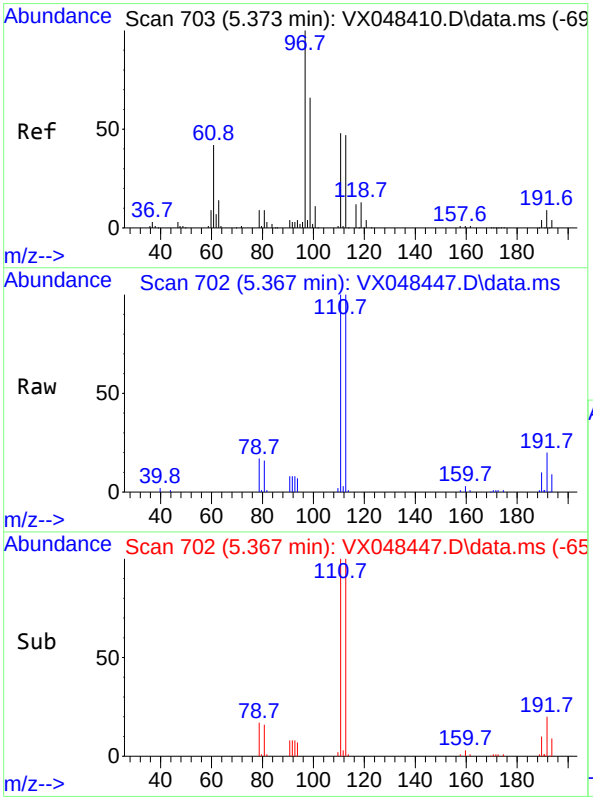
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:114 Resp: 268071

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	15.9	0.0	33.6

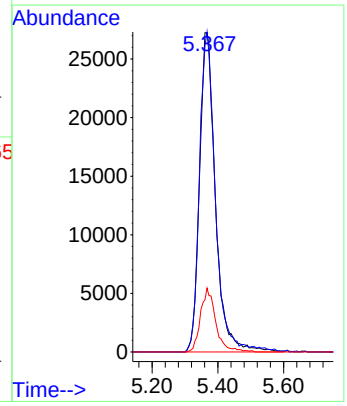


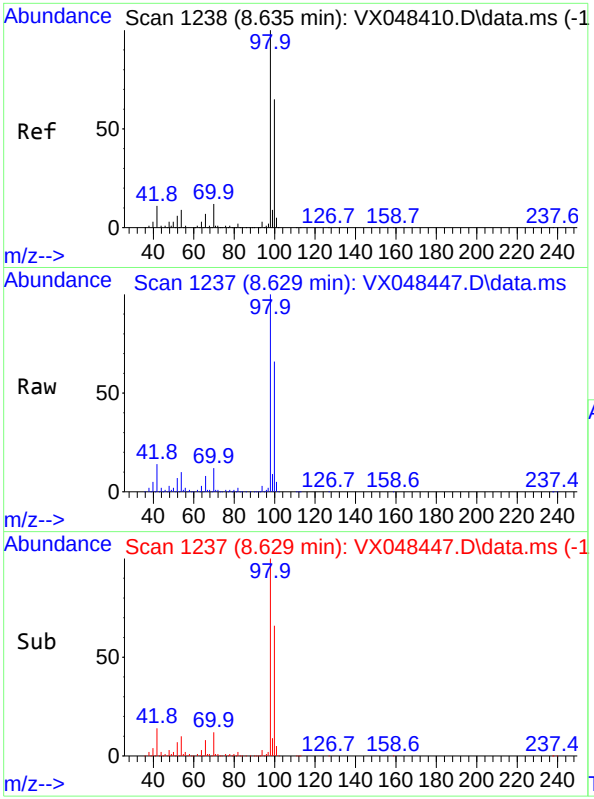


#35
Dibromofluoromethane
Concen: 59.830 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion:113 Resp: 91442

Ion	Ratio	Lower	Upper
113	100		
111	98.0	82.2	123.4
192	19.1	15.1	22.7



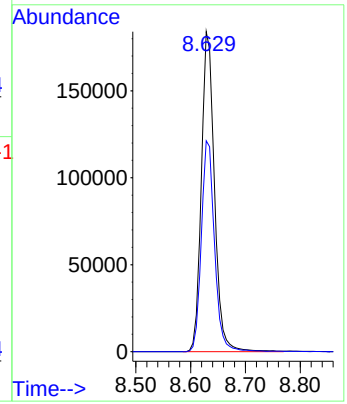


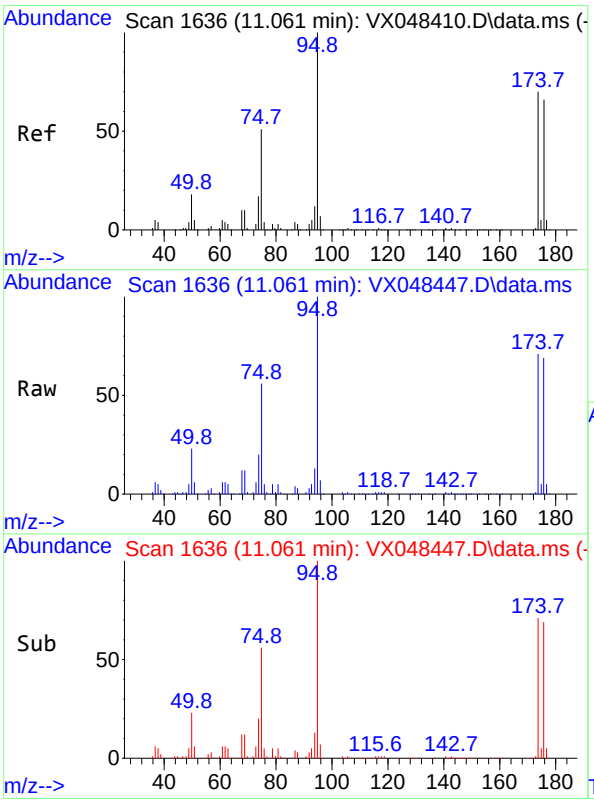
#50
Toluene-d8
Concen: 45.451 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion: 98 Resp: 306638

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

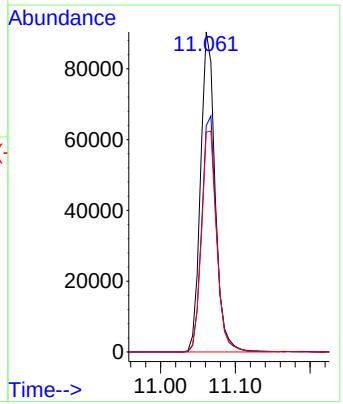


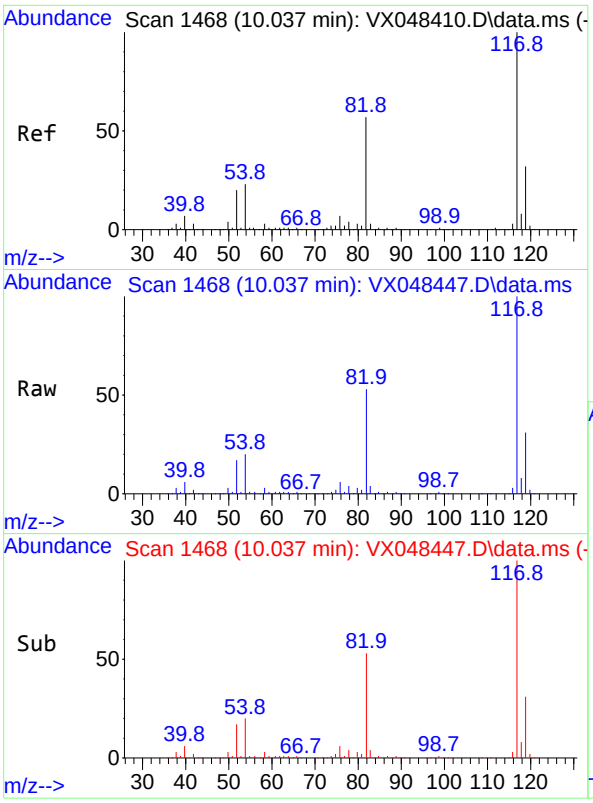


#62
4-Bromofluorobenzene
Concen: 48.343 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion: 95 Resp: 122008

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	147.8
176	72.4	0.0	142.8



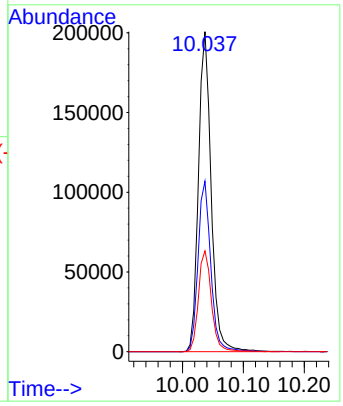


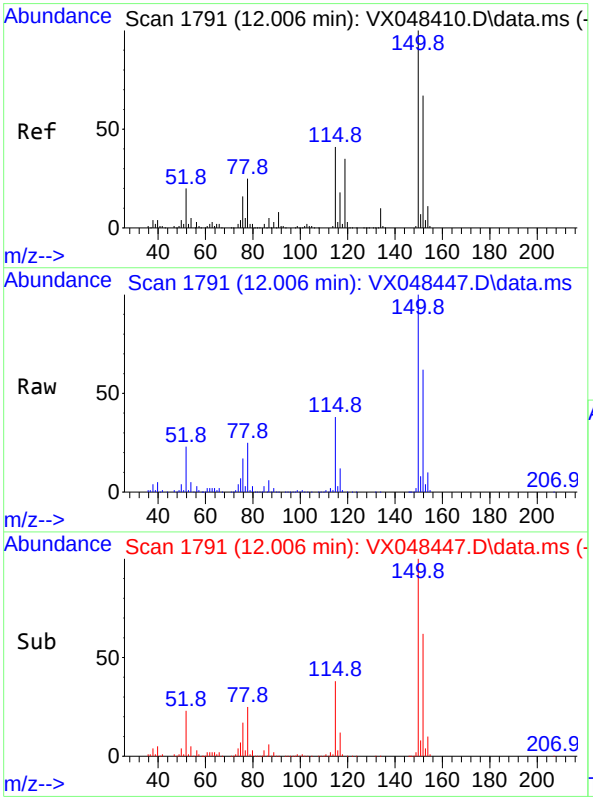
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:117 Resp: 290044

Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.5	69.7
119	31.5	25.9	38.9

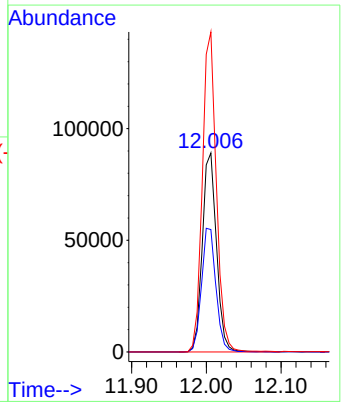




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion:152 Resp: 117306

Ion	Ratio	Lower	Upper
152	100		
115	63.2	43.1	129.4
150	158.7	0.0	353.0



Sample Results: **VX048447.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

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\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048447.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	718	rBV3	87843	288324	33.67%	5.974%
2	5.532	718	729	747	rVB	160829	496470	57.98%	10.286%
3	5.934	784	795	812	rBV	107311	317669	37.10%	6.582%
4	6.739	914	927	943	rBV	253654	646527	75.51%	13.395%
5	8.629	1228	1237	1256	rBV	504266	856256	100.00%	17.741%
6	10.037	1462	1468	1488	rBV	583531	855570	99.92%	17.726%
7	11.061	1631	1636	1650	rBV	450089	609421	71.17%	12.627%
8	12.000	1785	1790	1801	rBV	567060	756272	88.32%	15.669%

Sum of corrected areas: 4826509

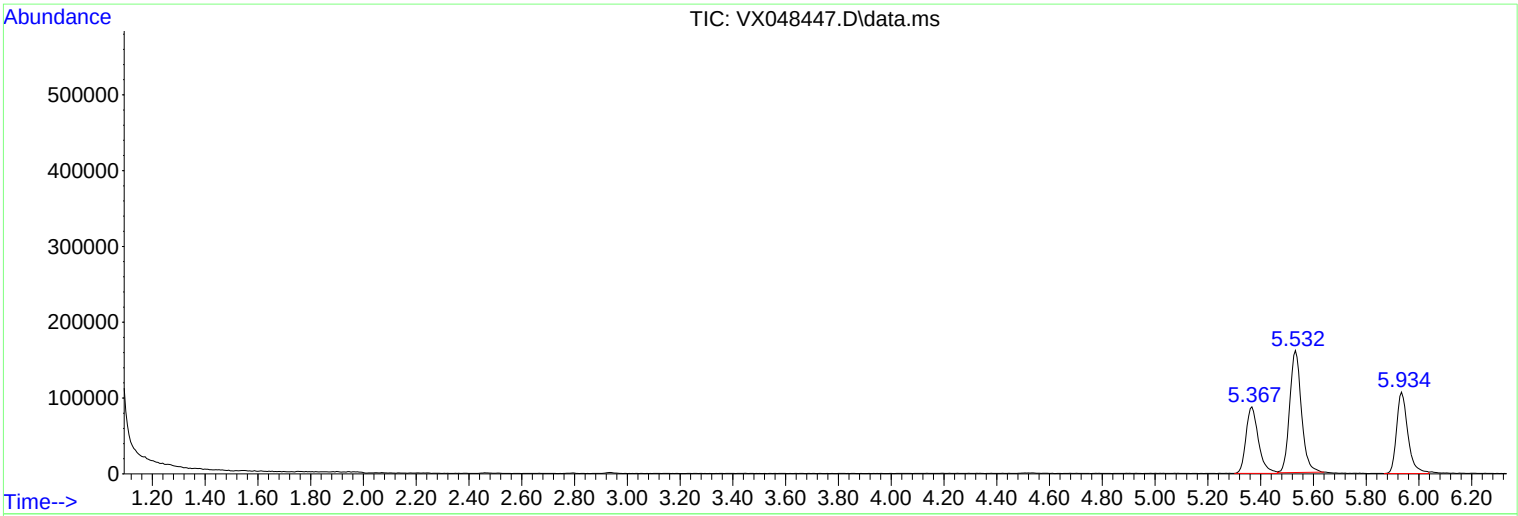
Sample Results: **VX048447.D**

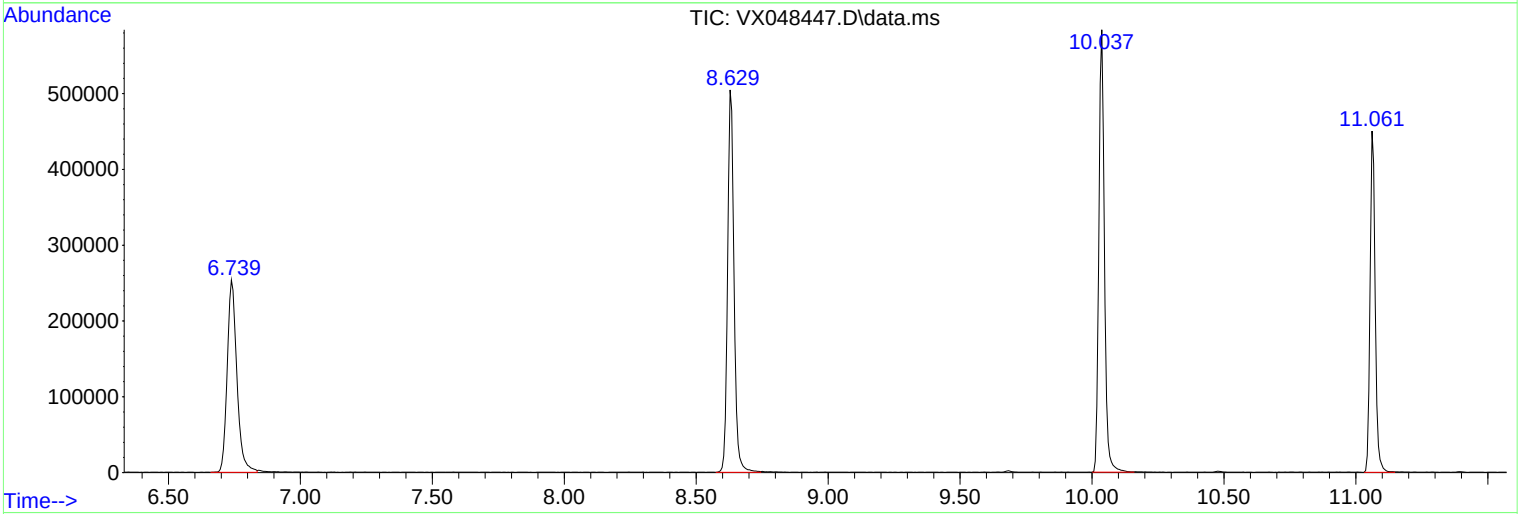
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

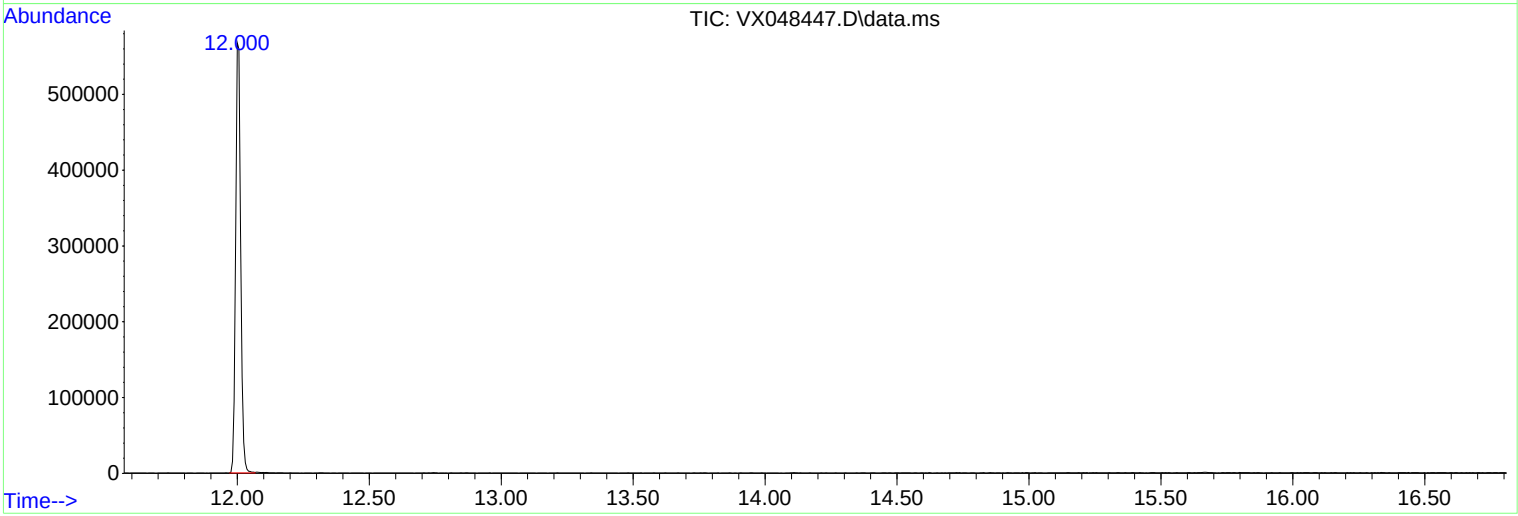
Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX048447.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.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\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Time: Oct 31 02:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	742027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1269076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1061841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	422864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	346812	55.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.640	113	403238	51.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.420%			
50) Toluene-d8	10.109	98	1439935	49.584	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.408	95	396962	41.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.800%			

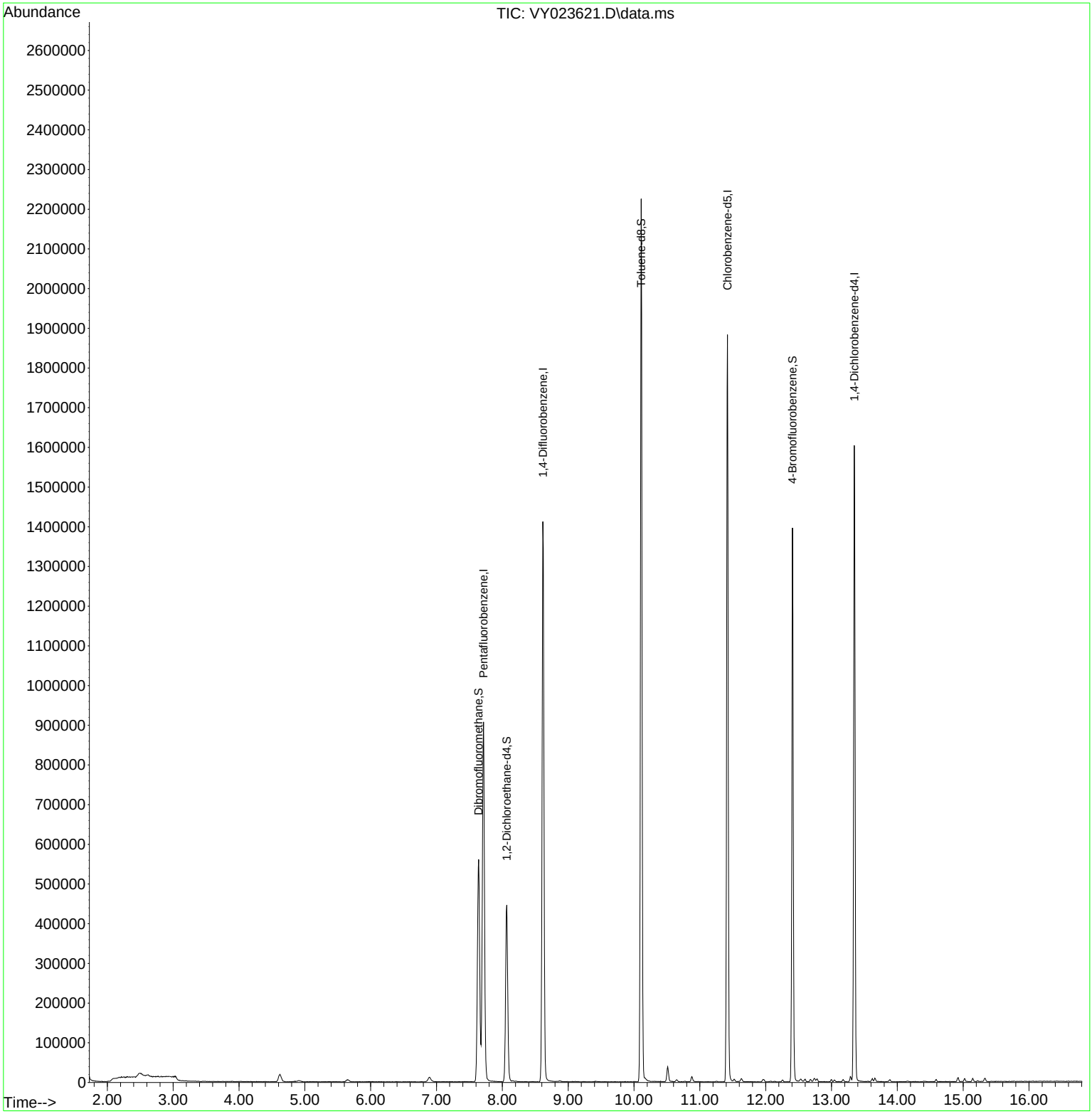
Target Compounds Qvalue

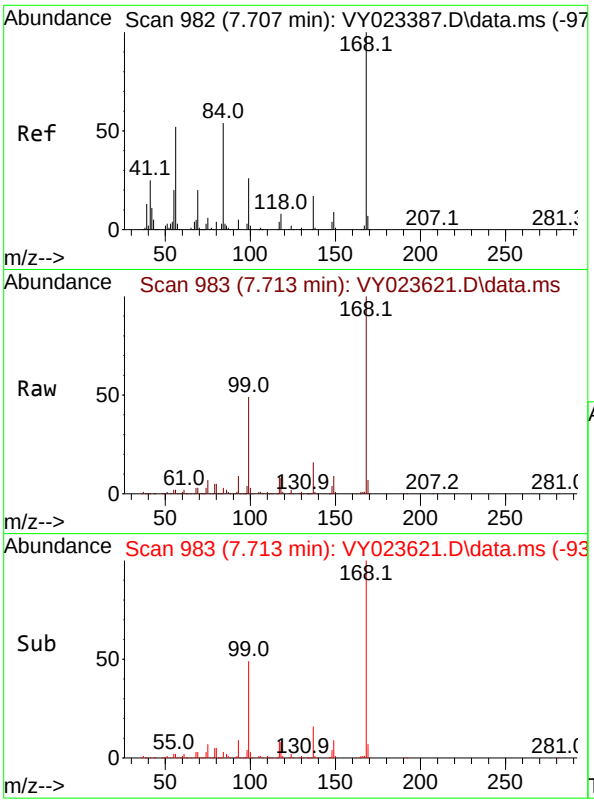
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Time: Oct 31 02:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



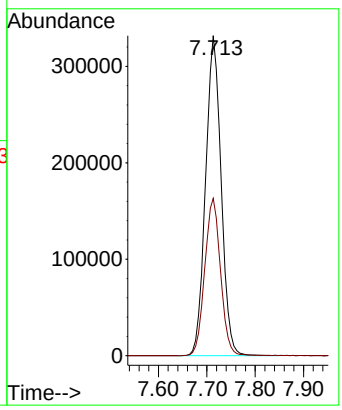


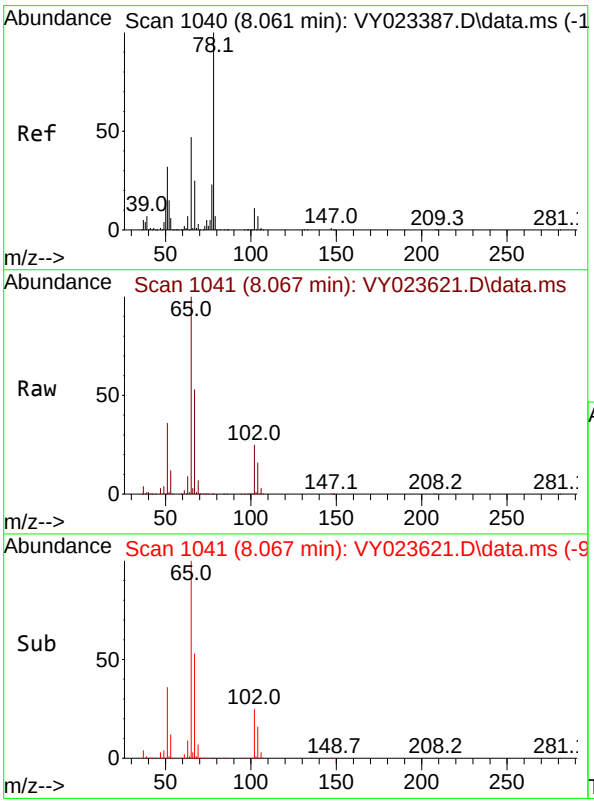
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:168 Resp: 742027

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5

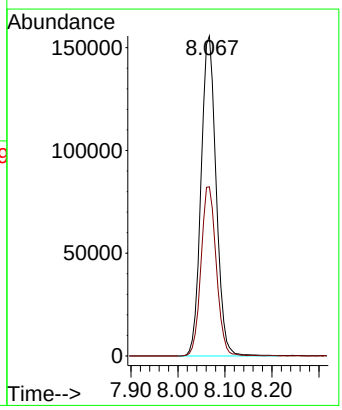


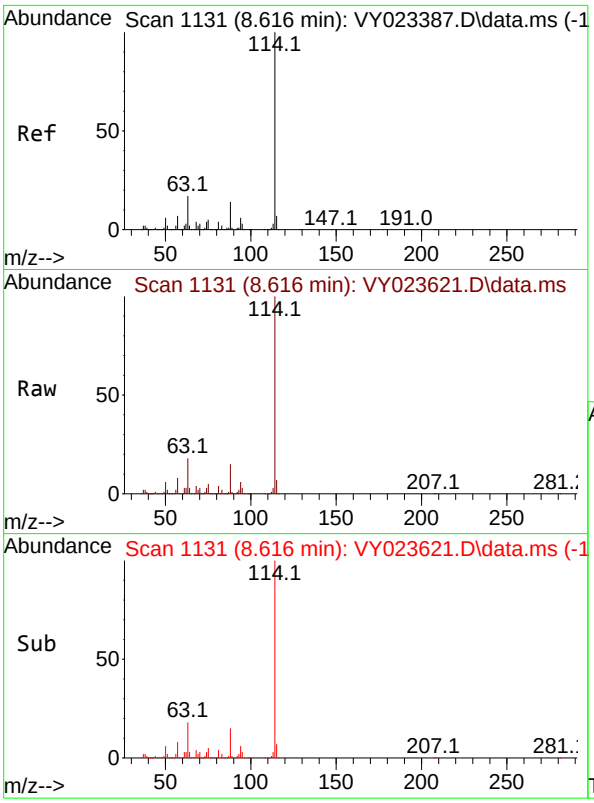


#33
1,2-Dichloroethane-d4
Concen: 55.893 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion: 65 Resp: 346812

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.8



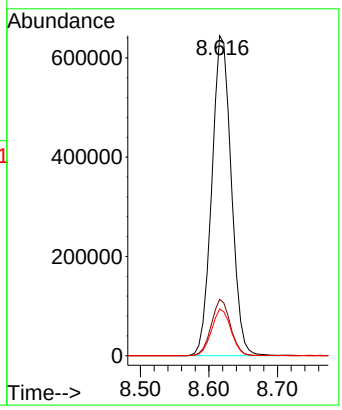


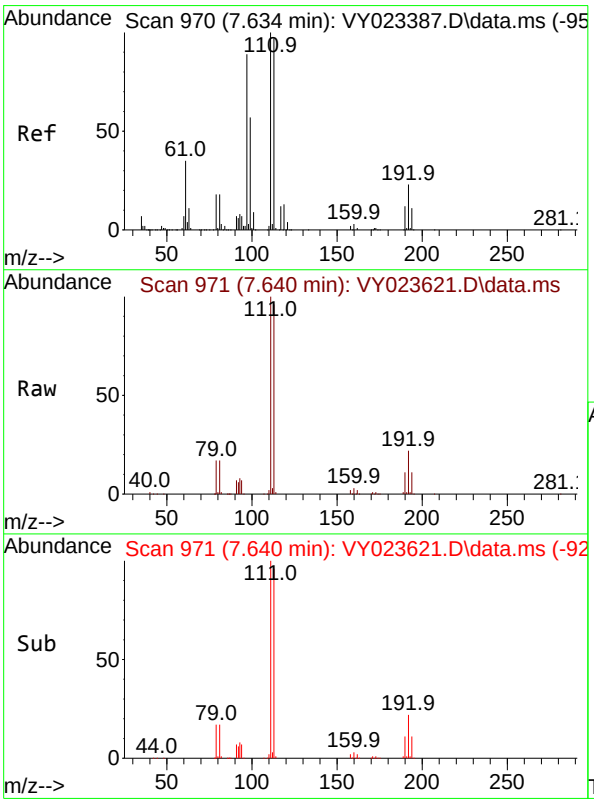
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:114 Resp: 1269076

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.2
88	14.6	0.0	28.4

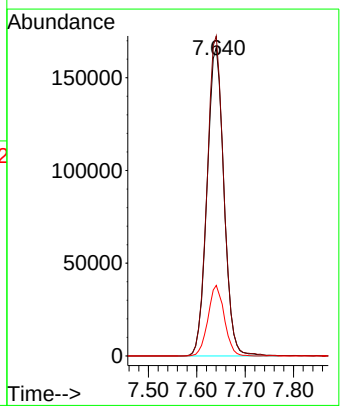


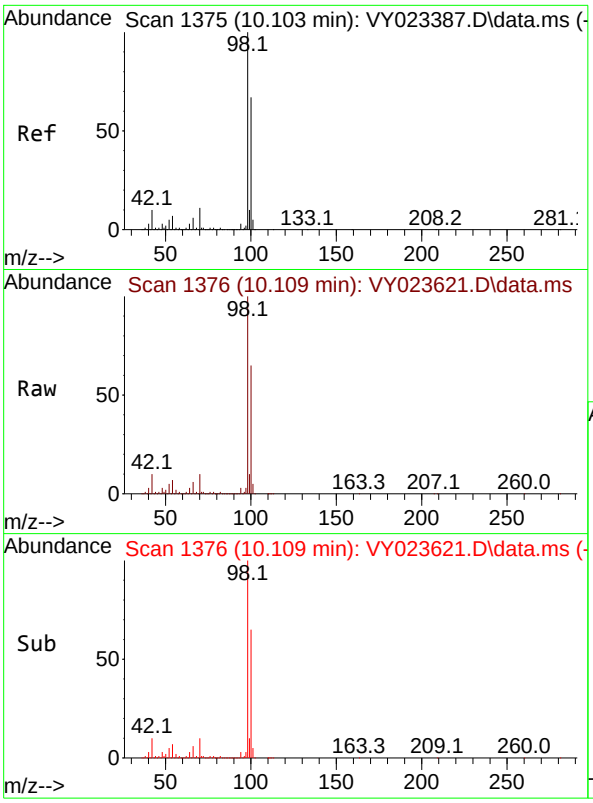


#35
Dibromofluoromethane
Concen: 51.711 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion:113 Resp: 403238

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.1	18.0	27.0



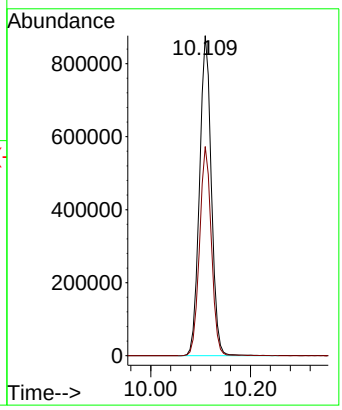


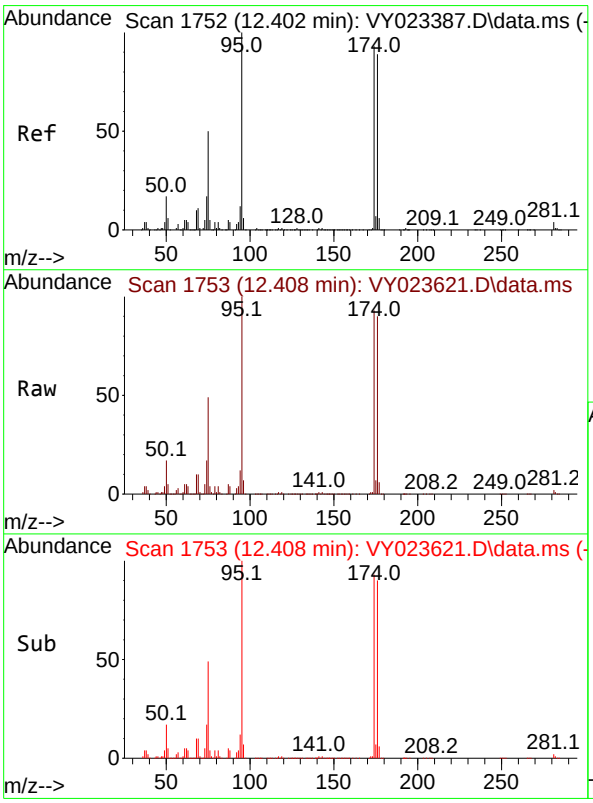
#50
Toluene-d8
Concen: 49.584 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion: 98 Resp: 1439935

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

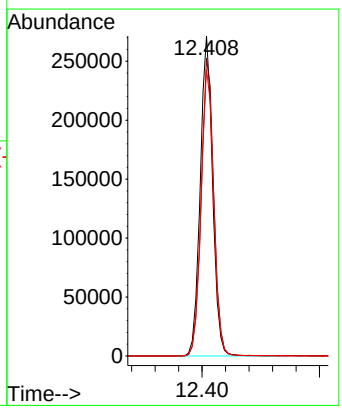


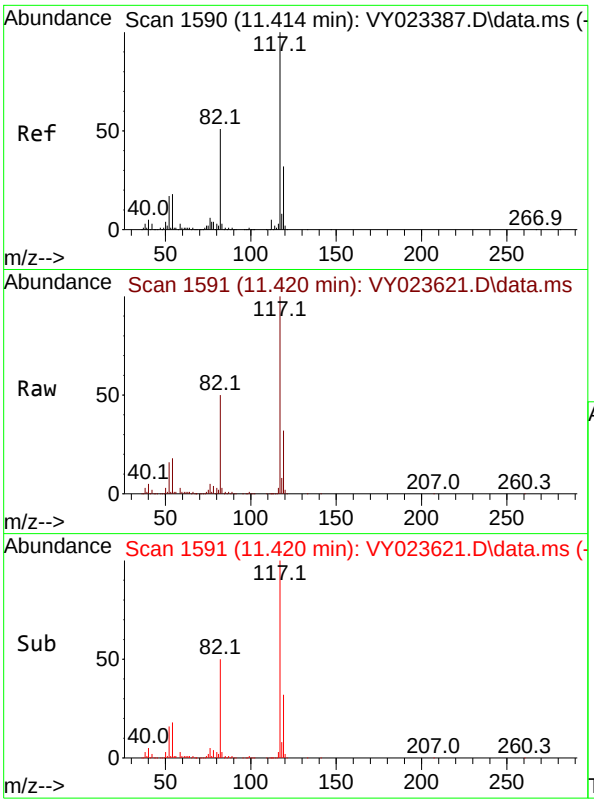


#62
4-Bromofluorobenzene
Concen: 41.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion: 95 Resp: 396962

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	192.8
176	91.3	0.0	187.6



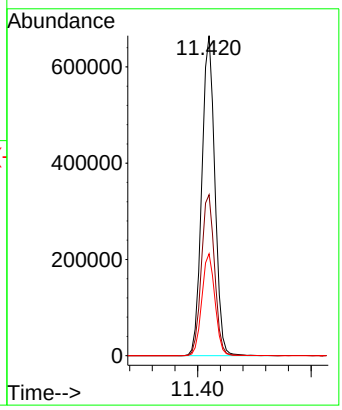


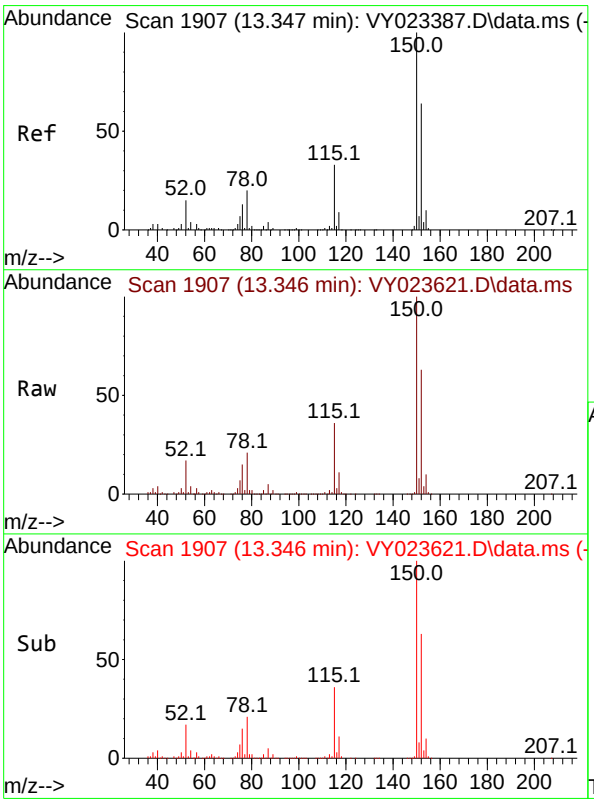
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:117 Resp: 1061841

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	31.8	25.6	38.4

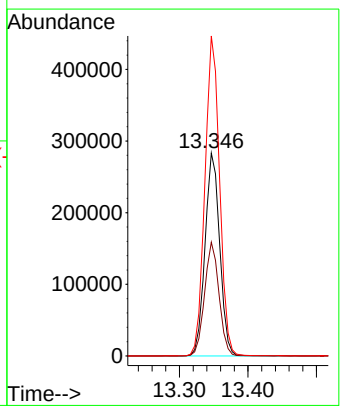




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion:152 Resp: 422864

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.2
150	157.0	0.0	347.4



Sample Results: **VY023621.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	467	476	491	rVB2	18938	59598	1.62%	0.320%
2	6.890	837	848	861	rBV	11723	39527	1.07%	0.212%
3	7.640	958	971	977	rBV	559966	1357501	36.87%	7.292%
4	7.713	977	983	1003	rVB	905590	2046969	55.60%	10.996%
5	8.067	1031	1041	1053	rBV	445115	995220	27.03%	5.346%
6	8.616	1122	1131	1147	rBV	1411391	2778307	75.47%	14.925%
7	10.109	1368	1376	1385	rBV	2224348	3681416	100.00%	19.776%
8	10.512	1434	1442	1450	rBV	37696	70240	1.91%	0.377%
9	11.420	1582	1591	1604	rBV	1882146	3058974	83.09%	16.433%
10	12.408	1745	1753	1765	rBV	1395361	2110783	57.34%	11.339%
11	13.346	1901	1907	1922	rVB	1602176	2416714	65.65%	12.982%

Sum of corrected areas: 18615249

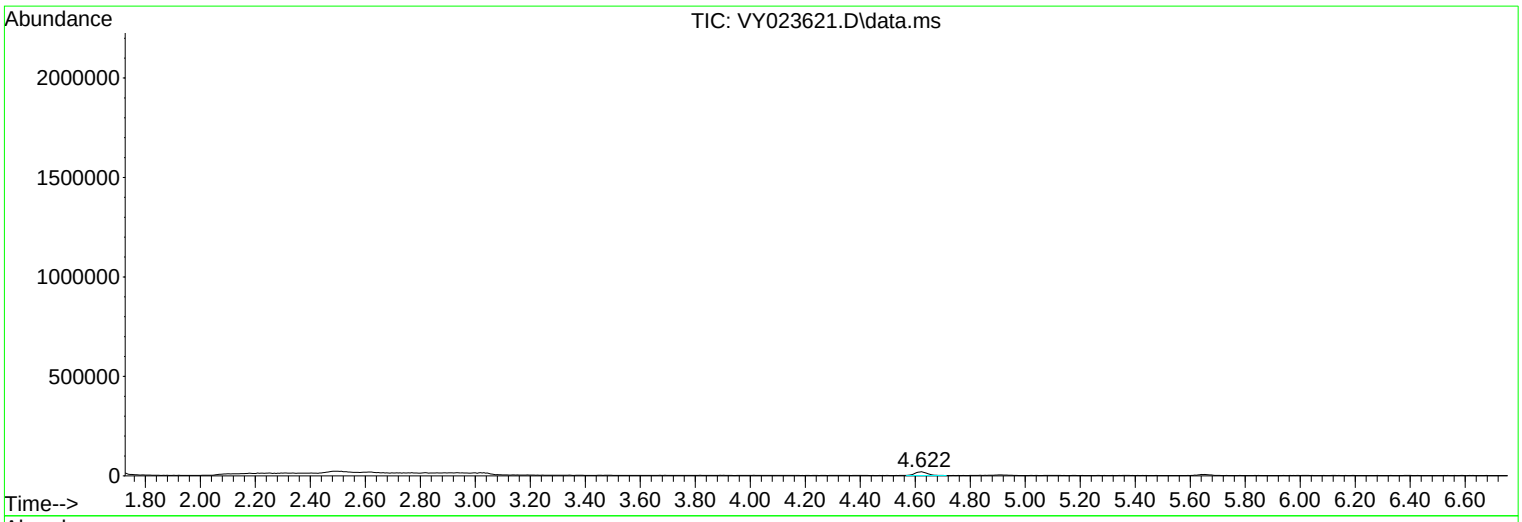
Sample Results: **VY023621.D**

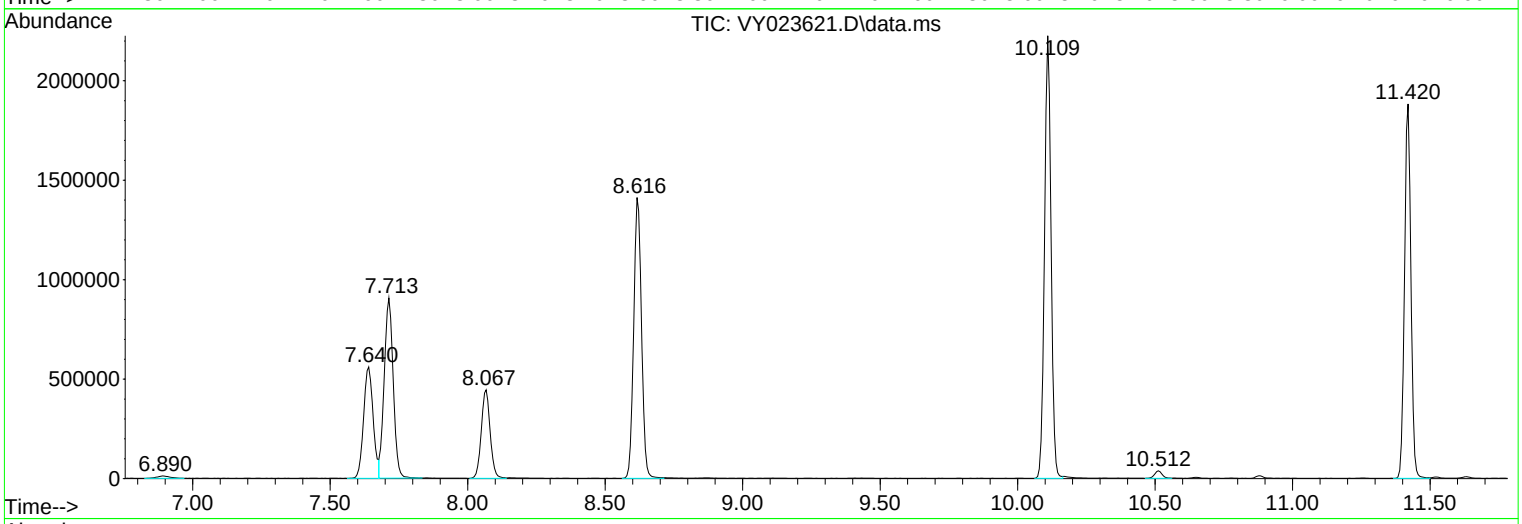
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

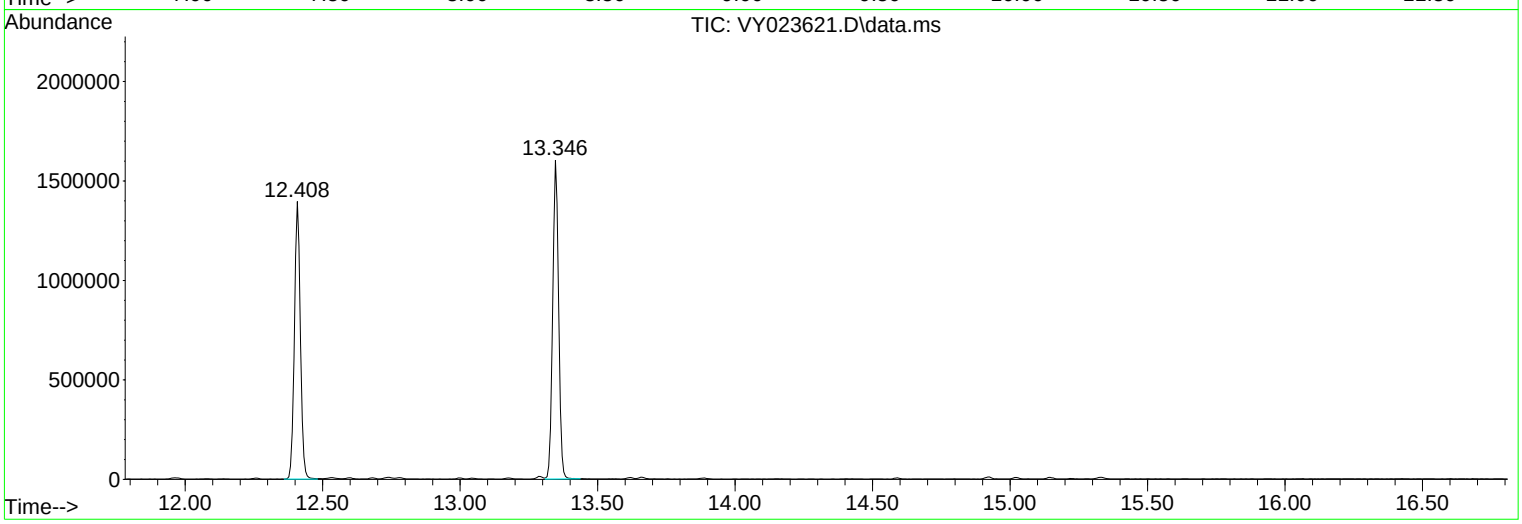
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY023621.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	179964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	315014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	149233	57.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.320%			
35) Dibromofluoromethane	5.367	113	96465	53.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.420%			
50) Toluene-d8	8.629	98	419599	52.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.860%			
62) 4-Bromofluorobenzene	11.061	95	162520	54.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	31221	17.007	ug/l	96
3) Chloromethane	1.301	50	18751	18.104	ug/l	95
4) Vinyl Chloride	1.380	62	41628	17.400	ug/l	96
5) Bromomethane	1.618	94	17650	20.422	ug/l	96
6) Chloroethane	1.697	64	25235	17.736	ug/l	98
7) Trichlorofluoromethane	1.898	101	64043	17.468	ug/l	100
8) Diethyl Ether	2.130	74	23913	18.047	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36530	17.714	ug/l	98
10) Methyl Iodide	2.459	142	137090	16.532	ug/l	99
11) Tert butyl alcohol	2.934	59	18684	94.226	ug/l	97
12) 1,1-Dichloroethene	2.325	96	37098	17.710	ug/l	97
13) Acrolein	2.233	56	40806	98.591	ug/l	97
14) Allyl chloride	2.666	41	64102	18.071	ug/l	97
15) Acrylonitrile	3.050	53	83276	92.317	ug/l	99
16) Acetone	2.367	43	53157	90.620	ug/l	99
17) Carbon Disulfide	2.514	76	107086	17.830	ug/l	99
18) Methyl Acetate	2.697	43	32640	16.637	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	123399	18.396	ug/l	98
20) Methylene Chloride	2.788	84	41770	18.473	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	39756	17.868	ug/l	95
22) Diisopropyl ether	3.745	45	136738	18.832	ug/l	99
23) Vinyl Acetate	3.709	43	486116	98.352	ug/l	98
24) 1,1-Dichloroethane	3.605	63	74934	18.185	ug/l	96
25) 2-Butanone	4.532	43	86529	92.338	ug/l	98
26) 2,2-Dichloropropane	4.459	77	63639	17.937	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	47389	17.846	ug/l	98
28) Bromochloromethane	4.885	49	28642	15.337	ug/l	95
29) Tetrahydrofuran	4.983	42	60305	90.365	ug/l	95
30) Chloroform	5.074	83	77141	18.199	ug/l	99
31) Cyclohexane	5.452	56	63180	17.664	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	67520	18.043	ug/l	100
36) 1,1-Dichloropropene	5.678	75	51289	17.005	ug/l	99
37) Ethyl Acetate	4.690	43	41787	16.262	ug/l	99
38) Carbon Tetrachloride	5.660	117	59006	16.944	ug/l	97
39) Methylcyclohexane	7.360	83	62937	16.227	ug/l	93
40) Benzene	6.019	78	162671	17.655	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	24138	18.649	ug/l		98
42) 1,2-Dichloroethane	6.068	62	59086	18.206	ug/l		100
43) Isopropyl Acetate	6.318	43	76063	17.929	ug/l		98
44) Trichloroethene	7.111	130	42009	17.402	ug/l		91
45) 1,2-Dichloropropane	7.409	63	40933	17.788	ug/l		97
46) Dibromomethane	7.562	93	28574	17.738	ug/l		96
47) Bromodichloromethane	7.806	83	62667	18.309	ug/l		95
48) Methyl methacrylate	7.671	41	37681	18.213	ug/l		96
49) 1,4-Dioxane	7.635	88	8902	378.563	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	213519	90.434	ug/l		98
52) Toluene	8.702	92	102282	17.765	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	58232	18.770	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	62358	18.656	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	37254	17.880	ug/l		99
56) Ethyl methacrylate	9.098	69	53811	17.638	ug/l		99
57) 1,3-Dichloropropane	9.293	76	64586	17.878	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	135337	81.005	ug/l		96
59) 2-Hexanone	9.409	43	136354	88.756	ug/l		97
60) Dibromochloromethane	9.500	129	46040	17.867	ug/l		96
61) 1,2-Dibromoethane	9.592	107	38672	17.941	ug/l		97
64) Tetrachloroethene	9.256	164	37940	16.089	ug/l		98
65) Chlorobenzene	10.061	112	113508	16.826	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	39696	17.299	ug/l		98
67) Ethyl Benzene	10.177	91	190943	16.811	ug/l		99
68) m/p-Xylenes	10.281	106	146981	34.176	ug/l		97
69) o-Xylene	10.622	106	69700	16.960	ug/l		97
70) Styrene	10.634	104	119294	17.135	ug/l		99
71) Bromoform	10.781	173	28404	17.111	ug/l	#	99
73) Isopropylbenzene	10.945	105	178940	16.476	ug/l		99
74) N-amyl acetate	10.823	43	65397	16.879	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	46219	16.801	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	36879m	17.464	ug/l		
77) Bromobenzene	11.177	156	44892	16.733	ug/l		98
78) n-propylbenzene	11.287	91	211474	16.475	ug/l		98
79) 2-Chlorotoluene	11.348	91	128712	16.701	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	150072	16.857	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11094	18.181	ug/l	#	75
82) 4-Chlorotoluene	11.433	91	150230	16.582	ug/l		97
83) tert-Butylbenzene	11.695	119	150796	16.638	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	151444	17.180	ug/l		100
85) sec-Butylbenzene	11.872	105	186114	16.480	ug/l		99
86) p-Isopropyltoluene	11.988	119	157528	16.500	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	82684	16.138	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	84248	16.145	ug/l		97
89) n-Butylbenzene	12.311	91	144458	16.116	ug/l		100
90) Hexachloroethane	12.518	117	27141	16.178	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	78752	16.587	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8836	16.403	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	52916	16.151	ug/l		98
94) Hexachlorobutadiene	13.707	225	21557	15.686	ug/l		96
95) Naphthalene	13.756	128	135199	16.339	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47887	16.092	ug/l		97

Sample Results: **VX048419.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

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

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

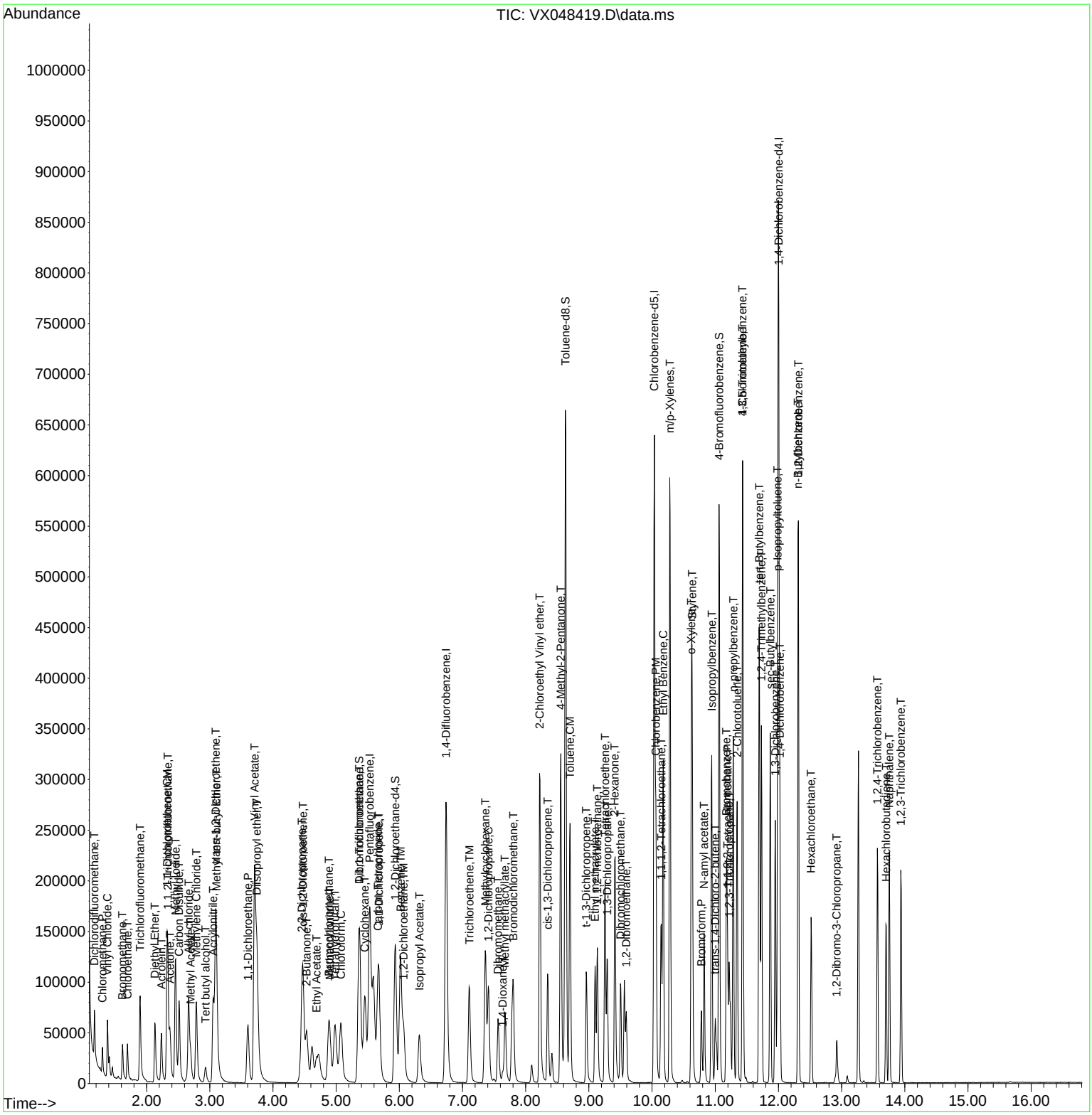
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	172640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	288363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121860	49.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.160%			
35) Dibromofluoromethane	5.367	113	83329	50.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	8.628	98	318132	43.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.680%#			
62) 4-Bromofluorobenzene	11.061	95	118111	43.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	30270	17.189	ug/l	97
3) Chloromethane	1.300	50	20348	20.480	ug/l	94
4) Vinyl Chloride	1.380	62	44939	19.580	ug/l	99
5) Bromomethane	1.617	94	16699	20.141	ug/l	93
6) Chloroethane	1.697	64	23174	16.978	ug/l	100
7) Trichlorofluoromethane	1.898	101	60832	17.296	ug/l	98
8) Diethyl Ether	2.129	74	22137	17.415	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	39962	20.200	ug/l	95
10) Methyl Iodide	2.459	142	123885	15.573	ug/l	97
11) Tert butyl alcohol	2.928	59	15123	79.503	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40631	20.220	ug/l	89
13) Acrolein	2.233	56	35021	88.203	ug/l	98
14) Allyl chloride	2.666	41	55328	16.259	ug/l	93
15) Acrylonitrile	3.056	53	69872	80.744	ug/l	99
16) Acetone	2.373	43	49853	88.593	ug/l	100
17) Carbon Disulfide	2.514	76	97171	16.865	ug/l	98
18) Methyl Acetate	2.696	43	30042	15.962	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	112152	17.429	ug/l	99
20) Methylene Chloride	2.788	84	37062	17.086	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	36155	16.939	ug/l	99
22) Diisopropyl ether	3.745	45	121046	17.378	ug/l	98
23) Vinyl Acetate	3.708	43	434078	91.549	ug/l	97
24) 1,1-Dichloroethane	3.605	63	68616	17.358	ug/l	98
25) 2-Butanone	4.531	43	73676	81.958	ug/l	93
26) 2,2-Dichloropropane	4.464	77	61839	18.169	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	42332	16.618	ug/l	98
28) Bromochloromethane	4.879	49	34659	19.347	ug/l	85
29) Tetrahydrofuran	4.983	42	59178	92.438	ug/l	97
30) Chloroform	5.074	83	75267	18.510	ug/l	99
31) Cyclohexane	5.458	56	67453	19.658	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	71589	19.942	ug/l	98
36) 1,1-Dichloropropene	5.678	75	51987	18.830	ug/l	98
37) Ethyl Acetate	4.696	43	37974	16.144	ug/l #	96
38) Carbon Tetrachloride	5.659	117	59473	18.657	ug/l	95
39) Methylcyclohexane	7.360	83	58799	16.561	ug/l	97
40) Benzene	6.019	78	162239	19.235	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	22908	19.335	ug/l		94
42) 1,2-Dichloroethane	6.068	62	54093	18.208	ug/l		96
43) Isopropyl Acetate	6.312	43	67186	17.300	ug/l		95
44) Trichloroethene	7.110	130	38591	17.463	ug/l		95
45) 1,2-Dichloropropane	7.409	63	35935	17.059	ug/l		98
46) Dibromomethane	7.561	93	26652	18.074	ug/l		98
47) Bromodichloromethane	7.805	83	57455	18.338	ug/l		99
48) Methyl methacrylate	7.671	41	32991	17.420	ug/l		96
49) 1,4-Dioxane	7.641	88	6805	316.132	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	187159	86.596	ug/l		100
52) Toluene	8.701	92	92741	17.597	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	53828	18.954	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	56442	18.447	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	34295	17.981	ug/l		96
56) Ethyl methacrylate	9.098	69	46849	16.775	ug/l		96
57) 1,3-Dichloropropane	9.293	76	57864	17.497	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	131528	85.428	ug/l		97
59) 2-Hexanone	9.415	43	121464	86.371	ug/l		98
60) Dibromochloromethane	9.500	129	42924	18.197	ug/l		98
61) 1,2-Dibromoethane	9.592	107	35072	17.775	ug/l		98
64) Tetrachloroethene	9.256	164	34637	19.753	ug/l		96
65) Chlorobenzene	10.061	112	103891	20.711	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	36626	21.465	ug/l		99
67) Ethyl Benzene	10.177	91	173489	20.541	ug/l		98
68) m/p-Xylenes	10.280	106	134991	42.211	ug/l		99
69) o-Xylene	10.622	106	63358	20.732	ug/l		100
70) Styrene	10.640	104	109893	21.227	ug/l		99
71) Bromoform	10.780	173	26290	21.299	ug/l	#	99
73) Isopropylbenzene	10.945	105	167983	20.549	ug/l		100
74) N-amyl acetate	10.823	43	58129	19.933	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42400	20.477	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	33504m	21.079	ug/l		
77) Bromobenzene	11.177	156	40521	20.067	ug/l		98
78) n-propylbenzene	11.286	91	201686	20.875	ug/l		99
79) 2-Chlorotoluene	11.347	91	120278	20.734	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	140304	20.938	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	9223	20.081	ug/l	#	65
82) 4-Chlorotoluene	11.439	91	143791	21.085	ug/l		99
83) tert-Butylbenzene	11.695	119	139109	20.391	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	143541	21.634	ug/l		99
85) sec-Butylbenzene	11.872	105	176437	20.756	ug/l		100
86) p-Isopropyltoluene	11.987	119	148457	20.658	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	75803	19.656	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	79478	20.235	ug/l		98
89) n-Butylbenzene	12.311	91	140708	20.854	ug/l		99
90) Hexachloroethane	12.518	117	26546	21.022	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	72500	20.287	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8322	20.525	ug/l		90
93) 1,2,4-Trichlorobenzene	13.566	180	48282	19.579	ug/l		99
94) Hexachlorobutadiene	13.707	225	21142	20.439	ug/l		96
95) Naphthalene	13.755	128	121617	19.527	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	45326	20.235	ug/l		98

Sample Results: **VX048449.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

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

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

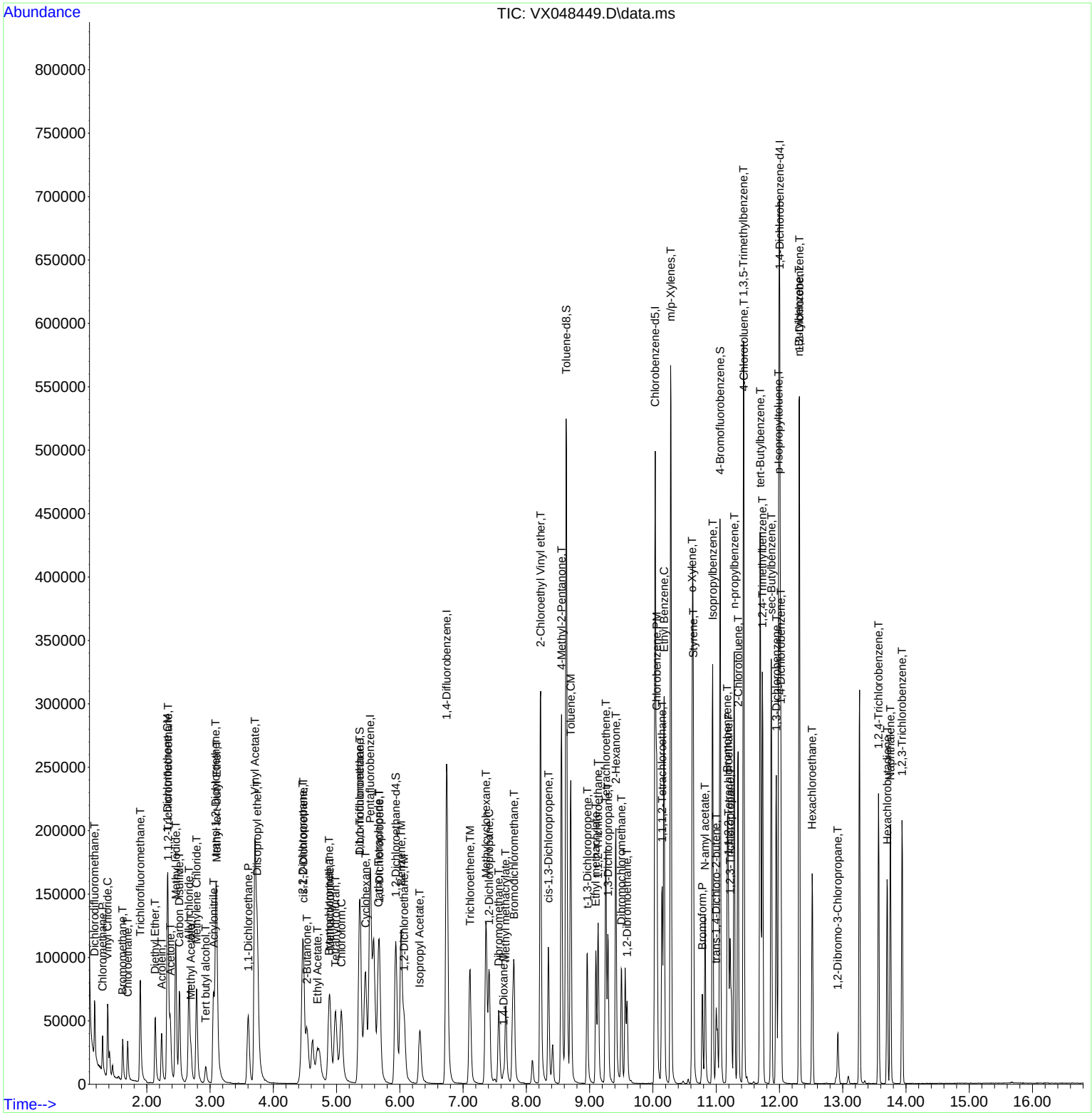
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	459671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	679981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	307493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	187438	48.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.520%			
35) Dibromofluoromethane	7.634	113	215074	51.476	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.960%			
50) Toluene-d8	10.109	98	784064	50.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.401	95	256116	49.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	69638	21.047	ug/l	98
3) Chloromethane	2.074	50	91679	20.340	ug/l	100
4) Vinyl Chloride	2.208	62	118744	20.227	ug/l	97
5) Bromomethane	2.598	94	101139	20.529	ug/l	97
6) Chloroethane	2.739	64	84963	21.231	ug/l	98
7) Trichlorofluoromethane	3.062	101	169829	20.835	ug/l	99
8) Diethyl Ether	3.458	74	43940	20.629	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	97149	22.967	ug/l	99
10) Methyl Iodide	4.007	142	103415	21.961	ug/l	100
11) Tert butyl alcohol	4.866	59	24403	85.337	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	90723	22.126	ug/l	94
13) Acrolein	3.659	56	17727	43.871	ug/l	98
14) Allyl chloride	4.391	41	109658	21.944	ug/l	98
15) Acrylonitrile	5.061	53	84535	103.707	ug/l	99
16) Acetone	3.873	43	125341	136.970	ug/l	98
17) Carbon Disulfide	4.110	76	244039	20.795	ug/l	100
18) Methyl Acetate	4.391	43	44209	18.417	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	200607	20.356	ug/l	98
20) Methylene Chloride	4.622	84	104585	21.136	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	98902	21.908	ug/l	95
22) Diisopropyl ether	6.018	45	255018	23.071	ug/l	93
23) Vinyl Acetate	5.970	43	641109	107.153	ug/l	99
24) 1,1-Dichloroethane	5.921	63	169305	23.123	ug/l	96
25) 2-Butanone	6.896	43	130303	116.635	ug/l	95
26) 2,2-Dichloropropane	6.890	77	156784	23.336	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	117449	22.523	ug/l	99
28) Bromochloromethane	7.250	49	61199	22.389	ug/l	97
29) Tetrahydrofuran	7.268	42	60118	94.895	ug/l	99
30) Chloroform	7.427	83	186695	23.207	ug/l	99
31) Cyclohexane	7.707	56	139846	21.870	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	170215	23.283	ug/l	99
36) 1,1-Dichloropropene	7.841	75	126319	22.837	ug/l	98
37) Ethyl Acetate	6.988	43	44397	20.260	ug/l	97
38) Carbon Tetrachloride	7.823	117	155145	23.131	ug/l	98
39) Methylcyclohexane	9.109	83	155883	21.644	ug/l	95
40) Benzene	8.085	78	407587	23.267	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22212	18.741	ug/l	92
42) 1,2-Dichloroethane	8.158	62	99637	22.054	ug/l	100
43) Isopropyl Acetate	8.201	43	86806	19.865	ug/l	99
44) Trichloroethene	8.866	130	115895	22.604	ug/l	95
45) 1,2-Dichloropropane	9.146	63	90028	23.268	ug/l	99
46) Dibromomethane	9.231	93	54135	22.126	ug/l	97
47) Bromodichloromethane	9.426	83	139891	22.702	ug/l	98
48) Methyl methacrylate	9.225	41	40241	19.603	ug/l	99
49) 1,4-Dioxane	9.231	88	10102	356.120	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	225713	99.976	ug/l	98
52) Toluene	10.170	92	261425	22.985	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	114172	21.309	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	139983	22.137	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72889	22.154	ug/l	95
56) Ethyl methacrylate	10.438	69	73151	19.275	ug/l	99
57) 1,3-Dichloropropane	10.719	76	114330	21.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	167064	98.265	ug/l	99
59) 2-Hexanone	10.762	43	177538	110.037	ug/l	98
60) Dibromochloromethane	10.914	129	99923	21.662	ug/l	100
61) 1,2-Dibromoethane	11.018	107	65766	20.960	ug/l	99
64) Tetrachloroethene	10.646	164	136363	22.437	ug/l	96
65) Chlorobenzene	11.444	112	289053	22.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	103496	22.687	ug/l	99
67) Ethyl Benzene	11.518	91	469846	22.674	ug/l	100
68) m/p-Xylenes	11.627	106	381976	45.957	ug/l	98
69) o-Xylene	11.956	106	173592	22.267	ug/l	100
70) Styrene	11.969	104	290263	22.641	ug/l	100
71) Bromoform	12.133	173	59960	21.189	ug/l	99
73) Isopropylbenzene	12.255	105	461059	22.752	ug/l	99
74) N-amyl acetate	12.072	43	70102	19.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	70253	21.197	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	52478m	19.344	ug/l	
77) Bromobenzene	12.530	156	118552	22.006	ug/l	98
78) n-propylbenzene	12.597	91	549817	23.447	ug/l	99
79) 2-Chlorotoluene	12.676	91	316917	23.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	375738	22.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22289	20.147	ug/l	96
82) 4-Chlorotoluene	12.773	91	326170	23.063	ug/l	100
83) tert-Butylbenzene	12.999	119	343249	22.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	377228	23.083	ug/l	98
85) sec-Butylbenzene	13.176	105	506562	23.357	ug/l	99
86) p-Isopropyltoluene	13.292	119	424544	22.991	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	234716	22.374	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	231425	22.336	ug/l	99
89) n-Butylbenzene	13.615	91	366275	22.764	ug/l	98
90) Hexachloroethane	13.877	117	91854	23.127	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	204092	22.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10894	20.032	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	117924	20.566	ug/l	100
94) Hexachlorobutadiene	15.023	225	81151	22.704	ug/l	99
95) Naphthalene	15.145	128	166148	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	98543	19.841	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

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

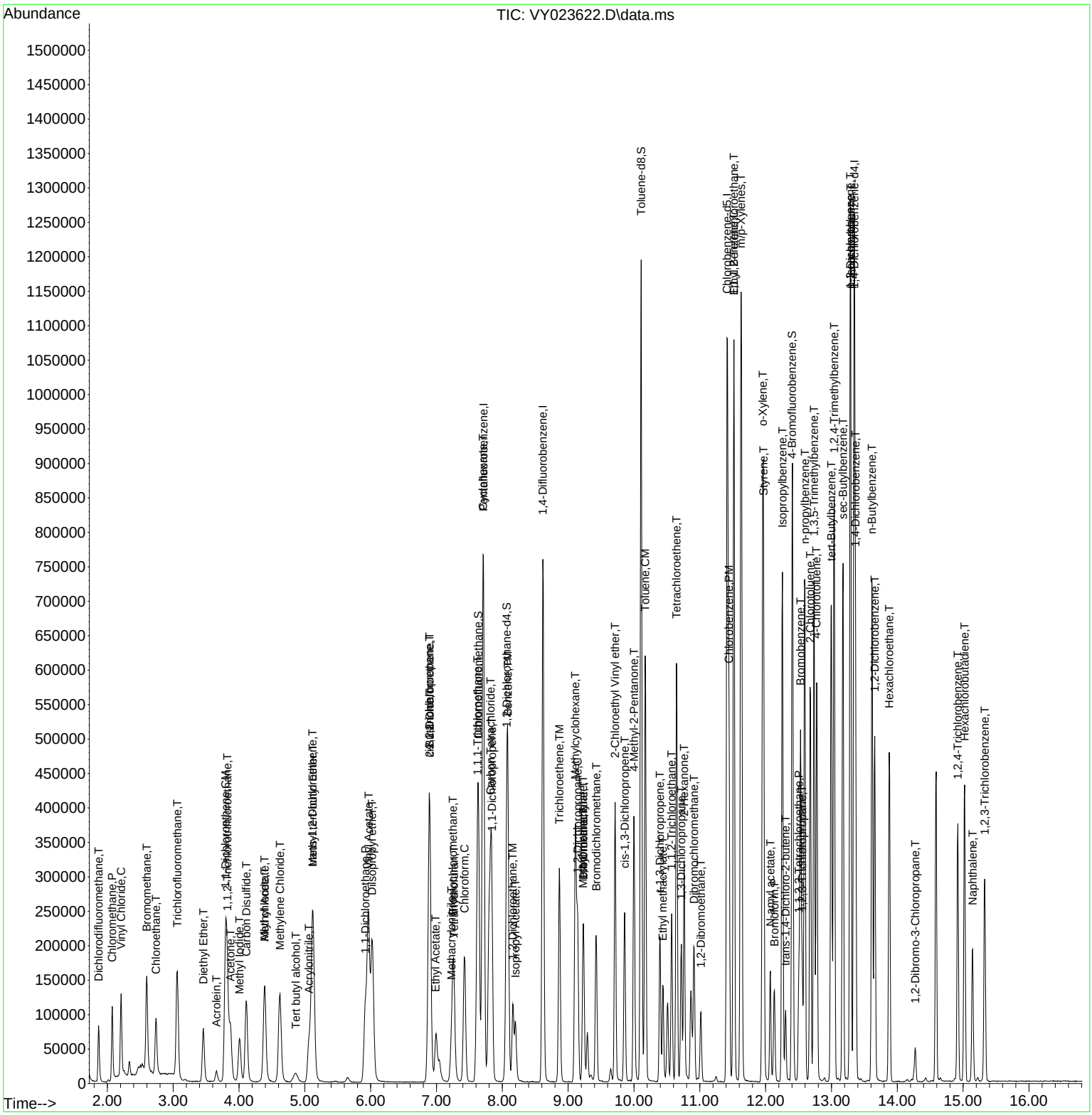
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	161570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	274506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121990	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.367	113	80296	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.629	98	351196	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.061	95	131002	50.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	30494	18.503	ug/l	94
3) Chloromethane	1.301	50	18075	19.438	ug/l	99
4) Vinyl Chloride	1.380	62	39077	18.193	ug/l	100
5) Bromomethane	1.618	94	16402	21.139	ug/l	98
6) Chloroethane	1.697	64	22762	17.819	ug/l	91
7) Trichlorofluoromethane	1.898	101	60662	18.430	ug/l	96
8) Diethyl Ether	2.136	74	22272	18.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	35418	19.130	ug/l	98
10) Methyl Iodide	2.459	142	130875	17.579	ug/l	97
11) Tert butyl alcohol	2.928	59	17091	96.005	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34874	18.544	ug/l	88
13) Acrolein	2.233	56	40216	108.227	ug/l	100
14) Allyl chloride	2.666	41	58158	18.261	ug/l	98
15) Acrylonitrile	3.056	53	78697	97.173	ug/l	100
16) Acetone	2.374	43	50483	95.859	ug/l	99
17) Carbon Disulfide	2.514	76	100451	18.629	ug/l	100
18) Methyl Acetate	2.697	43	31095	17.654	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	113952	18.922	ug/l	98
20) Methylene Chloride	2.788	84	38121	18.778	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37222	18.634	ug/l	98
22) Diisopropyl ether	3.745	45	128250	19.674	ug/l	95
23) Vinyl Acetate	3.709	43	460094	103.684	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69497	18.786	ug/l	99
25) 2-Butanone	4.532	43	83531	99.287	ug/l	94
26) 2,2-Dichloropropane	4.465	77	58530	18.375	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	44255	18.563	ug/l	99
28) Bromochloromethane	4.879	49	26393	15.742	ug/l	95
29) Tetrahydrofuran	4.983	42	58365	97.415	ug/l	97
30) Chloroform	5.080	83	73125	19.215	ug/l	98
31) Cyclohexane	5.452	56	61751	19.230	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	63488	18.897	ug/l	99
36) 1,1-Dichloropropene	5.678	75	47270	17.986	ug/l	97
37) Ethyl Acetate	4.690	43	42420	18.944	ug/l	98
38) Carbon Tetrachloride	5.660	117	55695	18.354	ug/l	99
39) Methylcyclohexane	7.361	83	62928	18.619	ug/l	95
40) Benzene	6.019	78	153418	19.108	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	22417	19.875	ug/l		97
42) 1,2-Dichloroethane	6.068	62	53231	18.822	ug/l		97
43) Isopropyl Acetate	6.318	43	71782	19.417	ug/l		98
44) Trichloroethene	7.104	130	39096	18.585	ug/l		98
45) 1,2-Dichloropropane	7.409	63	37882	18.892	ug/l		98
46) Dibromomethane	7.562	93	26542	18.908	ug/l		95
47) Bromodichloromethane	7.806	83	56538	18.956	ug/l		98
48) Methyl methacrylate	7.671	41	35618	19.757	ug/l		97
49) 1,4-Dioxane	7.641	88	7982	389.529	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	202059	98.209	ug/l		97
52) Toluene	8.702	92	96172	19.169	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	54733	20.246	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	58436	20.063	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	35108	19.337	ug/l		98
56) Ethyl methacrylate	9.098	69	51530	19.383	ug/l		98
57) 1,3-Dichloropropane	9.293	76	61570	19.558	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	122433	83.740	ug/l		98
59) 2-Hexanone	9.409	43	134368	100.370	ug/l		99
60) Dibromochloromethane	9.500	129	43745	19.481	ug/l		100
61) 1,2-Dibromoethane	9.592	107	37461	19.944	ug/l		97
64) Tetrachloroethene	9.257	164	37371	18.968	ug/l		98
65) Chlorobenzene	10.061	112	106960	18.978	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	37289	19.450	ug/l		99
67) Ethyl Benzene	10.177	91	181307	19.106	ug/l		98
68) m/p-Xylenes	10.281	106	138523	38.553	ug/l		99
69) o-Xylene	10.622	106	66164	19.270	ug/l		97
70) Styrene	10.634	104	114200	19.634	ug/l		99
71) Bromoform	10.781	173	27189	19.605	ug/l	#	99
73) Isopropylbenzene	10.945	105	172095	19.231	ug/l		100
74) N-amyl acetate	10.823	43	62496	19.576	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	43694	19.276	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	35410m	20.351	ug/l		
77) Bromobenzene	11.183	156	41905	18.957	ug/l		99
78) n-propylbenzene	11.287	91	204552	19.340	ug/l		99
79) 2-Chlorotoluene	11.348	91	122479	19.287	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	144041	19.636	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	10132	20.151	ug/l	#	74
82) 4-Chlorotoluene	11.433	91	143821	19.265	ug/l		98
83) tert-Butylbenzene	11.695	119	141153	18.901	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	145275	20.001	ug/l		100
85) sec-Butylbenzene	11.872	105	181081	19.460	ug/l		99
86) p-Isopropyltoluene	11.988	119	153473	19.509	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79392	18.806	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	80329	18.682	ug/l		98
89) n-Butylbenzene	12.311	91	142581	19.304	ug/l		100
90) Hexachloroethane	12.518	117	26530	19.192	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	75072	19.189	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	8511	19.175	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	50772	18.807	ug/l		99
94) Hexachlorobutadiene	13.707	225	21954	19.388	ug/l		96
95) Naphthalene	13.756	128	131415	19.275	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47353	19.311	ug/l		99

Sample Results: **VX048420.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

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

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

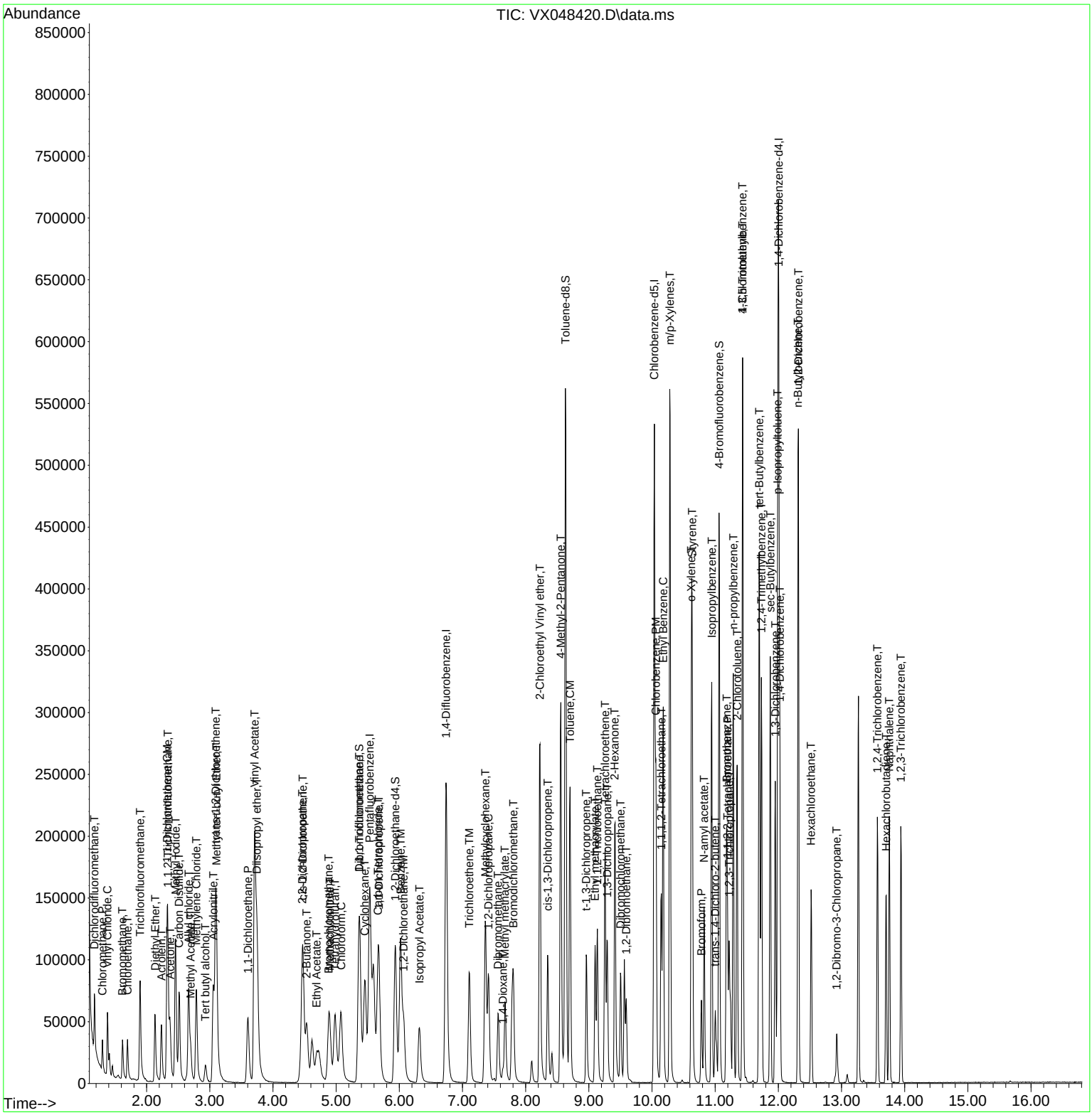
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	451310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	657731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	578799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	300735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	199138	52.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.540%			
35) Dibromofluoromethane	7.640	113	218654	54.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.200%			
50) Toluene-d8	10.109	98	798548	53.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.408	95	257937	51.909	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	71368	21.970	ug/l	95
3) Chloromethane	2.074	50	91896	20.766	ug/l	98
4) Vinyl Chloride	2.208	62	122806	21.306	ug/l	99
5) Bromomethane	2.598	94	101637	21.012	ug/l	96
6) Chloroethane	2.739	64	86759	22.082	ug/l	99
7) Trichlorofluoromethane	3.062	101	178519	22.306	ug/l	100
8) Diethyl Ether	3.458	74	45607	21.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	99620	23.988	ug/l	99
10) Methyl Iodide	4.007	142	109664	23.720	ug/l	99
11) Tert butyl alcohol	4.854	59	27835	99.142	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91031	22.612	ug/l	88
13) Acrolein	3.653	56	18278	46.073	ug/l	100
14) Allyl chloride	4.391	41	113711	23.176	ug/l	99
15) Acrylonitrile	5.061	53	89051	111.271	ug/l	98
16) Acetone	3.872	43	136960	152.440	ug/l	100
17) Carbon Disulfide	4.110	76	249767	21.677	ug/l	98
18) Methyl Acetate	4.391	43	47352	20.091	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	208323	21.531	ug/l	93
20) Methylene Chloride	4.616	84	107129	22.051	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102517	23.130	ug/l	97
22) Diisopropyl ether	6.018	45	261606	24.105	ug/l	94
23) Vinyl Acetate	5.964	43	665342	113.264	ug/l	100
24) 1,1-Dichloroethane	5.921	63	174672	24.298	ug/l	97
25) 2-Butanone	6.896	43	139880	127.527	ug/l	95
26) 2,2-Dichloropropane	6.890	77	161688	24.511	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118235	23.094	ug/l	99
28) Bromochloromethane	7.250	49	62282	23.207	ug/l	96
29) Tetrahydrofuran	7.268	42	64160	103.151	ug/l	98
30) Chloroform	7.427	83	192487	24.371	ug/l	98
31) Cyclohexane	7.707	56	138669	22.088	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	174489	24.310	ug/l	99
36) 1,1-Dichloropropene	7.841	75	127719	23.871	ug/l	99
37) Ethyl Acetate	6.988	43	46143	21.769	ug/l #	95
38) Carbon Tetrachloride	7.823	117	155466	23.963	ug/l	99
39) Methylcyclohexane	9.115	83	159529	22.900	ug/l	100
40) Benzene	8.085	78	409157	24.147	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	20308	17.714	ug/l	#	87
42) 1,2-Dichloroethane	8.158	62	101997	23.340	ug/l		99
43) Isopropyl Acetate	8.201	43	90555	21.424	ug/l		98
44) Trichloroethene	8.865	130	116192	23.428	ug/l		98
45) 1,2-Dichloropropane	9.146	63	92062	24.598	ug/l		98
46) Dibromomethane	9.237	93	53731	22.704	ug/l		97
47) Bromodichloromethane	9.426	83	142222	23.861	ug/l		100
48) Methyl methacrylate	9.225	41	42623	21.465	ug/l		99
49) 1,4-Dioxane	9.231	88	11163	406.835	ug/l		95
51) 4-Methyl-2-Pentanone	9.999	43	242036	110.832	ug/l		97
52) Toluene	10.170	92	267175	24.285	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	115798	22.344	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	145329	23.760	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	74561	23.429	ug/l		98
56) Ethyl methacrylate	10.444	69	76671	20.886	ug/l		99
57) 1,3-Dichloropropane	10.719	76	117943	23.388	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	167399	101.793	ug/l		99
59) 2-Hexanone	10.761	43	191127	122.467	ug/l		97
60) Dibromochloromethane	10.914	129	102644	23.005	ug/l		100
61) 1,2-Dibromoethane	11.018	107	68649	22.618	ug/l		100
64) Tetrachloroethene	10.646	164	137380	22.987	ug/l		98
65) Chlorobenzene	11.444	112	295053	23.438	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	106823	23.813	ug/l		99
67) Ethyl Benzene	11.517	91	480232	23.567	ug/l		99
68) m/p-Xylenes	11.633	106	390728	47.806	ug/l		98
69) o-Xylene	11.956	106	179899	23.466	ug/l		100
70) Styrene	11.969	104	294077	23.327	ug/l		100
71) Bromoform	12.133	173	61674	22.164	ug/l	#	100
73) Isopropylbenzene	12.255	105	473954	23.914	ug/l		99
74) N-amyl acetate	12.072	43	74104	20.817	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72998	22.520	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	59512m	22.430	ug/l		
77) Bromobenzene	12.536	156	121115	22.987	ug/l		98
78) n-propylbenzene	12.596	91	566243	24.690	ug/l		99
79) 2-Chlorotoluene	12.682	91	322930	24.045	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	393061	24.543	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	24045	22.223	ug/l		98
82) 4-Chlorotoluene	12.779	91	338983	24.508	ug/l		99
83) tert-Butylbenzene	12.999	119	347416	23.495	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	388132	24.284	ug/l		98
85) sec-Butylbenzene	13.176	105	520320	24.530	ug/l		99
86) p-Isopropyltoluene	13.291	119	436929	24.193	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	240935	23.483	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	238627	23.549	ug/l		99
89) n-Butylbenzene	13.621	91	383151	24.348	ug/l		98
90) Hexachloroethane	13.883	117	91946	23.671	ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	209027	23.237	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11390	21.415	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	121730	21.707	ug/l		100
94) Hexachlorobutadiene	15.023	225	84638	24.212	ug/l		99
95) Naphthalene	15.145	128	173867	19.470	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	104331	21.479	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

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

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

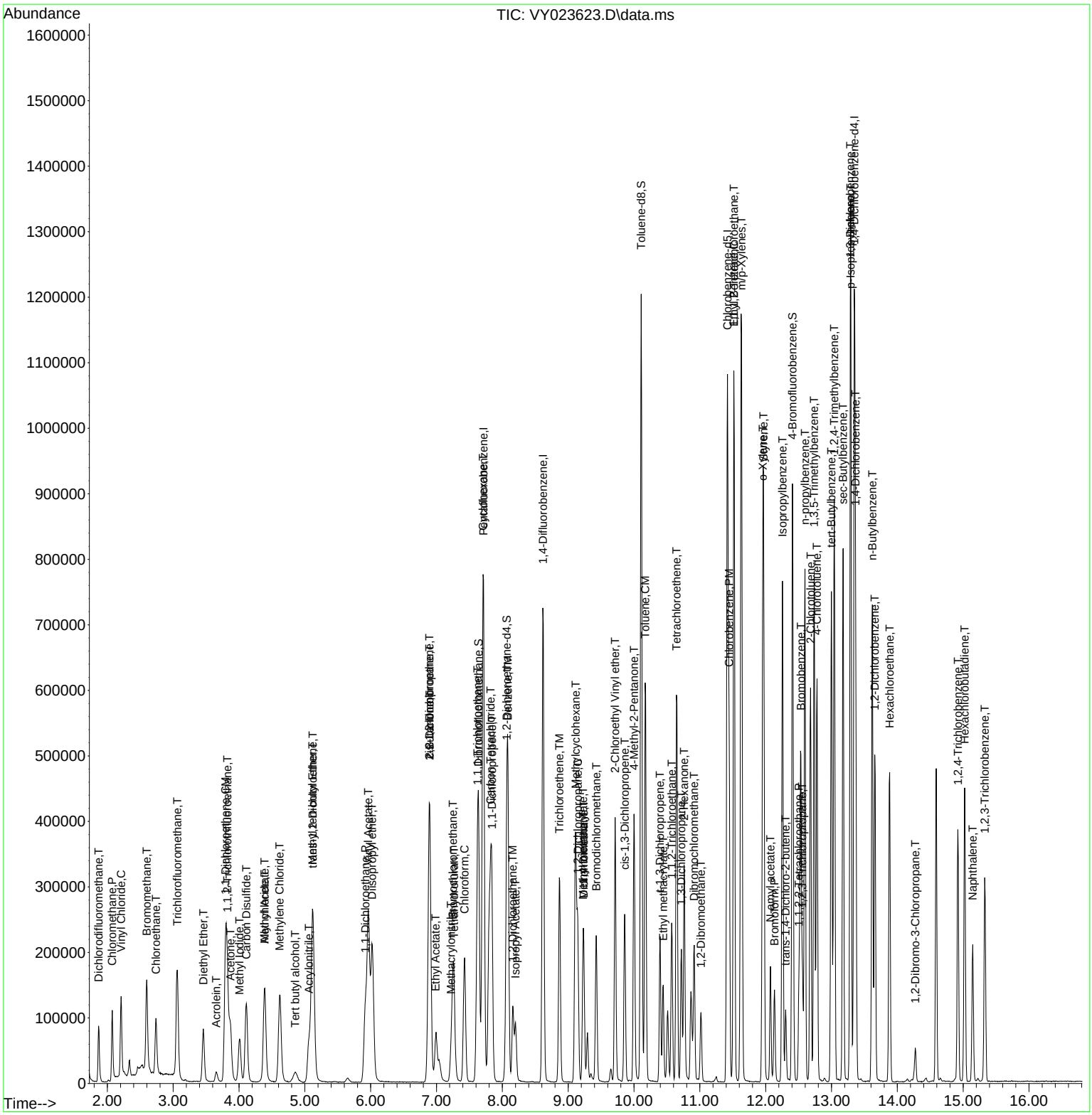
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



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

Manual Integration Report

Sequence:	VX102925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048407.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	1,4-Dichlorobenzene	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	Ethyl Acetate	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC005	VX048408.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:43 PM	MMDadoda	10/30/2025 2:06:28 PM	Peak Integrated by Software
VSTDICC020	VX048409.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:47 PM	MMDadoda	10/30/2025 2:06:32 PM	Peak Integrated by Software
VSTDICCC050	VX048410.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:21 PM	MMDadoda	10/30/2025 2:06:35 PM	Peak Integrated by Software
VSTDICC100	VX048411.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:25 PM	MMDadoda	10/30/2025 2:06:39 PM	Peak Integrated by Software
VSTDICC150	VX048412.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:30 PM	MMDadoda	10/30/2025 2:06:42 PM	Peak Integrated by Software
VSTDICV050	VX048414.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:04:18 PM	MMDadoda	10/30/2025 2:06:46 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX103125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048416.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:49:56 AM	MMDadoda	11/3/2025 10:57:08 AM	Peak Integrated by Software
VX1031WBS01	VX048419.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:00 AM	MMDadoda	11/3/2025 10:57:11 AM	Peak Integrated by Software
VX1031WBSD01	VX048420.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:05 AM	MMDadoda	11/3/2025 10:57:16 AM	Peak Integrated by Software
VSTDCCC050	VX048443.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:16 AM	sam	11/3/2025 11:01:35 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX110325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048445.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:31 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software
VX1103WBS01	VX048449.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:36 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software
VSTDCCC050	VX048469.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:45 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

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

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

Manual Integration Report

Sequence:	VY103025	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023620.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:22:48 AM	MMDadoda	10/31/2025 2:46:48 PM	Peak Integrated by Software
VY1030SBS01	VY023622.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:22:56 AM	MMDadoda	10/31/2025 2:46:52 PM	Peak Integrated by Software
VY1030SBSD01	VY023623.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:23:00 AM	MMDadoda	10/31/2025 2:46:55 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048403.D	29 Oct 2025 08:39	JC/MD	Ok
2	VSTDCCC050	VX048404.D	29 Oct 2025 10:02	JC/MD	Ok
3	IBLK	VX048405.D	29 Oct 2025 10:31	JC/MD	Ok
4	IBLK	VX048406.D	29 Oct 2025 10:51	JC/MD	Ok
5	VSTDICC001	VX048407.D	29 Oct 2025 11:12	JC/MD	Ok,M
6	VSTDICC005	VX048408.D	29 Oct 2025 11:41	JC/MD	Ok,M
7	VSTDICC020	VX048409.D	29 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICCC050	VX048410.D	29 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC100	VX048411.D	29 Oct 2025 12:43	JC/MD	Ok,M
10	VSTDICC150	VX048412.D	29 Oct 2025 13:03	JC/MD	Ok,M
11	IBLK	VX048413.D	29 Oct 2025 13:24	JC/MD	Ok
12	VSTDICV050	VX048414.D	29 Oct 2025 14:27	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048415.D	31 Oct 2025 08:06	JC/MD	Ok
2	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	JC/MD	Ok,M
3	VX1031MBL01	VX048417.D	31 Oct 2025 09:46	JC/MD	Ok
4	VX1031WBL01	VX048418.D	31 Oct 2025 10:06	JC/MD	Ok
5	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	JC/MD	Ok,M
6	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	JC/MD	Ok,M
7	Q3480-02	VX048421.D	31 Oct 2025 11:21	JC/MD	Ok,M
8	Q3500-02	VX048422.D	31 Oct 2025 11:41	JC/MD	Not Ok
9	Q3500-03	VX048423.D	31 Oct 2025 12:02	JC/MD	Not Ok
10	Q3500-05	VX048424.D	31 Oct 2025 12:23	JC/MD	Not Ok
11	Q3494-01	VX048425.D	31 Oct 2025 12:43	JC/MD	Ok
12	Q3494-02	VX048426.D	31 Oct 2025 13:04	JC/MD	ReRun
13	Q3495-04	VX048427.D	31 Oct 2025 13:25	JC/MD	ReRun
14	Q3495-03	VX048428.D	31 Oct 2025 13:46	JC/MD	ReRun
15	Q3505-06	VX048429.D	31 Oct 2025 14:06	JC/MD	Ok
16	Q3505-05	VX048430.D	31 Oct 2025 14:27	JC/MD	ReRun
17	Q3505-04	VX048431.D	31 Oct 2025 14:48	JC/MD	Not Ok
18	IBLK	VX048432.D	31 Oct 2025 15:08	JC/MD	Ok
19	Q3506-01	VX048433.D	31 Oct 2025 15:29	JC/MD	Ok
20	Q3506-02	VX048434.D	31 Oct 2025 15:50	JC/MD	ReRun
21	Q3506-03	VX048435.D	31 Oct 2025 16:10	JC/MD	ReRun

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3506-04	VX048436.D	31 Oct 2025 16:31	JC/MD	Ok
23	Q3507-02	VX048437.D	31 Oct 2025 16:52	JC/MD	ReRun
24	Q3508-02	VX048438.D	31 Oct 2025 17:12	JC/MD	ReRun
25	Q3507-01	VX048439.D	31 Oct 2025 17:33	JC/MD	Ok
26	Q3508-01	VX048440.D	31 Oct 2025 17:54	JC/MD	Ok
27	Q3510-01	VX048441.D	31 Oct 2025 18:14	JC/MD	ReRun
28	Q3511-01	VX048442.D	31 Oct 2025 18:35	JC/MD	ReRun
29	VSTDCCC050	VX048443.D	31 Oct 2025 18:56	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM				
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM				
SubDirectory	VX110325	HP Acquire Method	MSVOA_X		HP Processing Method	82X102925W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048444.D	03 Nov 2025 08:20	JC/MD	Ok
2	VSTDCCC050	VX048445.D	03 Nov 2025 09:14	JC/MD	Ok,M
3	VX1103MBL01	VX048446.D	03 Nov 2025 09:40	JC/MD	Ok
4	VX1103WBL01	VX048447.D	03 Nov 2025 11:25	JC/MD	Ok
5	VX1103MBS01	VX048448.D	03 Nov 2025 11:52	JC/MD	Not Ok
6	VX1103WBS01	VX048449.D	03 Nov 2025 12:21	JC/MD	Ok,M
7	VX1103WBSD01	VX048450.D	03 Nov 2025 12:44	JC/MD	Ok,M
8	VX1103MBS02	VX048451.D	03 Nov 2025 13:06	JC/MD	Not Ok
9	Q3506-02	VX048452.D	03 Nov 2025 13:37	JC/MD	Ok
10	Q3506-03RE	VX048453.D	03 Nov 2025 13:58	JC/MD	Confirms
11	Q3510-01	VX048454.D	03 Nov 2025 14:18	JC/MD	Ok
12	Q3511-01	VX048455.D	03 Nov 2025 14:39	JC/MD	Ok
13	Q3495-03RE	VX048456.D	03 Nov 2025 14:59	JC/MD	Confirms
14	Q3495-04	VX048457.D	03 Nov 2025 15:20	JC/MD	Ok
15	Q3422-02	VX048458.D	03 Nov 2025 15:41	JC/MD	Ok
16	Q3518-02	VX048459.D	03 Nov 2025 16:01	JC/MD	ReRun
17	Q3494-02	VX048460.D	03 Nov 2025 16:22	JC/MD	Ok
18	Q3505-05	VX048461.D	03 Nov 2025 16:42	JC/MD	Ok
19	Q3500-02	VX048462.D	03 Nov 2025 17:03	JC/MD	Ok
20	Q3500-03	VX048463.D	03 Nov 2025 17:24	JC/MD	Ok
21	Q3500-05	VX048464.D	03 Nov 2025 17:44	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM				
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM				
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M		

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3505-04	VX048465.D	03 Nov 2025 18:05	JC/MD	Ok
23	Q3521-03	VX048466.D	03 Nov 2025 18:25	JC/MD	Not Ok
24	VIBLK	VX048467.D	03 Nov 2025 18:46	JC/MD	Ok
25	VIBLK	VX048468.D	03 Nov 2025 19:06	JC/MD	Ok
26	VSTDCCC050	VX048469.D	03 Nov 2025 19:27	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY103025

Review By	Amit Patel	Review On	10/31/2025 9:48:23 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/31/2025 2:47:09 PM				
SubDirectory	VY103025	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135980
Initial Calibration Stds	
CCC	VP135981,VP135982
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023619.D	30 Oct 2025 08:39	SY/MD	Ok
2	VSTDCCC050	VY023620.D	30 Oct 2025 09:09	SY/MD	Ok,M
3	VY1030SBL01	VY023621.D	30 Oct 2025 09:40	SY/MD	Ok
4	VY1030SBS01	VY023622.D	30 Oct 2025 10:36	SY/MD	Ok,M
5	VY1030SBSD01	VY023623.D	30 Oct 2025 11:09	SY/MD	Ok,M
6	Q3486-01	VY023624.D	30 Oct 2025 11:53	SY/MD	Ok
7	Q3486-03	VY023625.D	30 Oct 2025 12:16	SY/MD	Ok
8	Q3486-05	VY023626.D	30 Oct 2025 12:40	SY/MD	Ok
9	Q3486-07	VY023627.D	30 Oct 2025 13:03	SY/MD	Ok
10	Q3485-01	VY023628.D	30 Oct 2025 13:26	SY/MD	Ok
11	Q3488-04	VY023629.D	30 Oct 2025 13:50	SY/MD	Dilution
12	Q3491-01	VY023630.D	30 Oct 2025 14:13	SY/MD	ReRun
13	Q3495-02	VY023631.D	30 Oct 2025 14:37	SY/MD	Ok
14	Q3496-01	VY023632.D	30 Oct 2025 15:00	SY/MD	Ok
15	Q3497-01	VY023633.D	30 Oct 2025 15:24	SY/MD	Ok
16	VIBLK	VY023634.D	30 Oct 2025 15:47	SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048403.D	29 Oct 2025 08:39		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048404.D	29 Oct 2025 10:02		JC/MD	Ok
3	IBLK	IBLK	VX048405.D	29 Oct 2025 10:31		JC/MD	Ok
4	IBLK	IBLK	VX048406.D	29 Oct 2025 10:51		JC/MD	Ok
5	VSTDICC001	VSTDICC001	VX048407.D	29 Oct 2025 11:12	LR-58	JC/MD	Ok,M
6	VSTDICC005	VSTDICC005	VX048408.D	29 Oct 2025 11:41		JC/MD	Ok,M
7	VSTDICC020	VSTDICC020	VX048409.D	29 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICCC050	VSTDICCC050	VX048410.D	29 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC100	VSTDICC100	VX048411.D	29 Oct 2025 12:43		JC/MD	Ok,M
10	VSTDICC150	VSTDICC150	VX048412.D	29 Oct 2025 13:03		JC/MD	Ok,M
11	IBLK	IBLK	VX048413.D	29 Oct 2025 13:24		JC/MD	Ok
12	VSTDICV050	ICVVX102925	VX048414.D	29 Oct 2025 14:27		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
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	VX048415.D	31 Oct 2025 08:06		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	pH#lot#v14222	JC/MD	Ok,M
3	VX1031MBL01	VX1031MBL01	VX048417.D	31 Oct 2025 09:46		JC/MD	Ok
4	VX1031WBL01	VX1031WBL01	VX048418.D	31 Oct 2025 10:06		JC/MD	Ok
5	VX1031WBS01	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	BS Failed Low For Com.#87,88	JC/MD	Ok,M
6	VX1031WBSD01	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	vial B pH#5.0	JC/MD	Ok,M
7	Q3480-02	RT3449	VX048421.D	31 Oct 2025 11:21	vial B pH#5.0	JC/MD	Ok,M
8	Q3500-02	462	VX048422.D	31 Oct 2025 11:41	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
9	Q3500-03	463	VX048423.D	31 Oct 2025 12:02	vial A pH<2.0 Need Straight Run	JC/MD	Not Ok
10	Q3500-05	461-LIQUID	VX048424.D	31 Oct 2025 12:23	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
11	Q3494-01	MW3	VX048425.D	31 Oct 2025 12:43	vial A pH<2.0	JC/MD	Ok
12	Q3494-02	Field	VX048426.D	31 Oct 2025 13:04	vial A pH<2.0 ,FB;hit of com.#16	JC/MD	ReRun
13	Q3495-04	TB	VX048427.D	31 Oct 2025 13:25	vial A pH<2.0 ,TB;BS Failed Low	JC/MD	ReRun
14	Q3495-03	TW-1025-1	VX048428.D	31 Oct 2025 13:46	BS failed Low	JC/MD	ReRun
15	Q3505-06	10-17-25-WATER	VX048429.D	31 Oct 2025 14:06		JC/MD	Ok
16	Q3505-05	10-16-25-WATER	VX048430.D	31 Oct 2025 14:27	Surrogate fail	JC/MD	ReRun
17	Q3505-04	10-10-25-WATER	VX048431.D	31 Oct 2025 14:48	Need Straight Run	JC/MD	Not Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048432.D	31 Oct 2025 15:08		JC/MD	Ok
19	Q3506-01	STORAGE-BLANK-SO	VX048433.D	31 Oct 2025 15:29		JC/MD	Ok
20	Q3506-02	STORAGE-BLANK-WA	VX048434.D	31 Oct 2025 15:50	Surrogate fail	JC/MD	ReRun
21	Q3506-03	STORAGE-BLANK-WA	VX048435.D	31 Oct 2025 16:10	Surrogate fail	JC/MD	ReRun
22	Q3506-04	STORAGE-BLANK-SA	VX048436.D	31 Oct 2025 16:31		JC/MD	Ok
23	Q3507-02	TB	VX048437.D	31 Oct 2025 16:52	TB;Surrogate fail	JC/MD	ReRun
24	Q3508-02	TB	VX048438.D	31 Oct 2025 17:12	TB;Surrogate fail	JC/MD	ReRun
25	Q3507-01	SW-1	VX048439.D	31 Oct 2025 17:33		JC/MD	Ok
26	Q3508-01	SW-1	VX048440.D	31 Oct 2025 17:54		JC/MD	Ok
27	Q3510-01	OUTFALL-002	VX048441.D	31 Oct 2025 18:14	Surrogate fail	JC/MD	ReRun
28	Q3511-01	OUTFALL-001	VX048442.D	31 Oct 2025 18:35	Surrogate fail	JC/MD	ReRun
29	VSTDCCC050	VSTDCCC050EC	VX048443.D	31 Oct 2025 18:56		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM		
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM		
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048444.D	03 Nov 2025 08:20		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048445.D	03 Nov 2025 09:14	pH#lot#v14222	JC/MD	Ok,M
3	VX1103MBL01	VX1103MBL01	VX048446.D	03 Nov 2025 09:40		JC/MD	Ok
4	VX1103WBL01	VX1103WBL01	VX048447.D	03 Nov 2025 11:25		JC/MD	Ok
5	VX1103MBS01	VX1103WBS01	VX048448.D	03 Nov 2025 11:52		JC/MD	Not Ok
6	VX1103WBS01	VX1103WBS01	VX048449.D	03 Nov 2025 12:21		JC/MD	Ok,M
7	VX1103WBSD01	VX1103WBSD01	VX048450.D	03 Nov 2025 12:44		JC/MD	Ok,M
8	VX1103MBS02	VX1103MBS02	VX048451.D	03 Nov 2025 13:06		JC/MD	Not Ok
9	Q3506-02	STORAGE-BLANK-WA	VX048452.D	03 Nov 2025 13:37	pH<2.0 B	JC/MD	Ok
10	Q3506-03RE	STORAGE-BLANK-WA	VX048453.D	03 Nov 2025 13:58	pH<2.0 B Surrogate fail	JC/MD	Confirms
11	Q3510-01	OUTFALL-002	VX048454.D	03 Nov 2025 14:18	pH<2.0 B	JC/MD	Ok
12	Q3511-01	OUTFALL-001	VX048455.D	03 Nov 2025 14:39	pH<2.0 B	JC/MD	Ok
13	Q3495-03RE	TW-1025-1RE	VX048456.D	03 Nov 2025 14:59	pH<2.0 B Surrogate fail	JC/MD	Confirms
14	Q3495-04	TB	VX048457.D	03 Nov 2025 15:20	pH<2.0 B TB	JC/MD	Ok
15	Q3422-02	PR132-FB2-20251021	VX048458.D	03 Nov 2025 15:41	vial B,pH#5.0 FB	JC/MD	Ok
16	Q3518-02	50831	VX048459.D	03 Nov 2025 16:01	pH<2.0 A Surrogate fail	JC/MD	ReRun
17	Q3494-02	Field	VX048460.D	03 Nov 2025 16:22	pH<2.0 B FB	JC/MD	Ok
18	Q3505-05	10-16-25-WATER	VX048461.D	03 Nov 2025 16:42	pH<2.0 B	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM		
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM		
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3500-02	10-17-25-WATER	VX048462.D	03 Nov 2025 17:03	vial B pH<2.0Surrogate fail	JC/MD	Ok
20	Q3500-03	463	VX048463.D	03 Nov 2025 17:24	vial B pH<2 Internal standard fail;Surrogate fail	JC/MD	Ok
21	Q3500-05	461-LIQUID	VX048464.D	03 Nov 2025 17:44	vial B pH<2.0 Surrogate fail	JC/MD	Ok
22	Q3505-04	10-10-25-WATER	VX048465.D	03 Nov 2025 18:05	vial B pH<2	JC/MD	Ok
23	Q3521-03	TANK-2025	VX048466.D	03 Nov 2025 18:25	Need Straight Run	JC/MD	Not Ok
24	VIBLK	VIBLK	VX048467.D	03 Nov 2025 18:46		JC/MD	Ok
25	VIBLK	VIBLK	VX048468.D	03 Nov 2025 19:06		JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX048469.D	03 Nov 2025 19:27		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY103025

Review By	Amit Patel	Review On	10/31/2025 9:48:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/31/2025 2:47:09 PM		
SubDirectory	VY103025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135980
Initial Calibration Stds	
CCC	VP135981,VP135982
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023619.D	30 Oct 2025 08:39		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023620.D	30 Oct 2025 09:09		SY/MD	Ok,M
3	VY1030SBL01	VY1030SBL01	VY023621.D	30 Oct 2025 09:40		SY/MD	Ok
4	VY1030SBS01	VY1030SBS01	VY023622.D	30 Oct 2025 10:36		SY/MD	Ok,M
5	VY1030SBSD01	VY1030SBSD01	VY023623.D	30 Oct 2025 11:09		SY/MD	Ok,M
6	Q3486-01	TP3	VY023624.D	30 Oct 2025 11:53	vial-A	SY/MD	Ok
7	Q3486-03	TP4	VY023625.D	30 Oct 2025 12:16	vial-A	SY/MD	Ok
8	Q3486-05	TP5	VY023626.D	30 Oct 2025 12:40	vial-A	SY/MD	Ok
9	Q3486-07	TP6	VY023627.D	30 Oct 2025 13:03	vial-A	SY/MD	Ok
10	Q3485-01	TR-04-102925	VY023628.D	30 Oct 2025 13:26	vial-A	SY/MD	Ok
11	Q3488-04	MOO-25-0302-0310	VY023629.D	30 Oct 2025 13:50	vial-A Internal Standard fail;Need MeOH	SY/MD	Dilution
12	Q3491-01	SOIL-CUTTINGS-COM	VY023630.D	30 Oct 2025 14:13	vial-A Internal standard fail;Surrogate fail	SY/MD	ReRun
13	Q3495-02	SB-1025-2	VY023631.D	30 Oct 2025 14:37	vial-A	SY/MD	Ok
14	Q3496-01	DRILL-CUTTINGS	VY023632.D	30 Oct 2025 15:00	vial-A	SY/MD	Ok
15	Q3497-01	OK-01-103025	VY023633.D	30 Oct 2025 15:24	vial-A	SY/MD	Ok
16	VIBLK	VIBLK	VY023634.D	30 Oct 2025 15:47		SY/MD	Ok

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260D			10/30/25	
Q3495-03	**TW-1025-1**	**Water**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			10/31/25	
Q3495-03RE	**TW-1025-1RE**	**Water**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			11/03/25	
Q3495-04	**TB**	**Water**			**10/24/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			11/03/25	