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

Hit Summary Sheet
SW-846

SDG No.: Q3466

Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

Raw Data: **VY023591.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.5-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-01	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	81.5
Sample Wt/Vol:	6.29 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
74-87-3	Chloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
75-01-4	Vinyl Chloride	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
74-83-9	Bromomethane	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
75-00-3	Chloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
75-35-4	1,1-Dichloroethene	0.98	U	1	0.98	4.90	ug/Kg	10/27/25 12:07	VY102725
67-64-1	Acetone	4.60	U	1	4.60	24.4	ug/Kg	10/27/25 12:07	VY102725
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
1634-04-4	Methyl tert-butyl Ether	0.71	U	1	0.71	4.90	ug/Kg	10/27/25 12:07	VY102725
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.90	ug/Kg	10/27/25 12:07	VY102725
75-09-2	Methylene Chloride	3.40	U	1	3.40	9.80	ug/Kg	10/27/25 12:07	VY102725
156-60-5	trans-1,2-Dichloroethene	0.84	U	1	0.84	4.90	ug/Kg	10/27/25 12:07	VY102725
75-34-3	1,1-Dichloroethane	0.78	U	1	0.78	4.90	ug/Kg	10/27/25 12:07	VY102725
110-82-7	Cyclohexane	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
78-93-3	2-Butanone	6.40	U	1	6.40	24.4	ug/Kg	10/27/25 12:07	VY102725
56-23-5	Carbon Tetrachloride	0.95	U	1	0.95	4.90	ug/Kg	10/27/25 12:07	VY102725
156-59-2	cis-1,2-Dichloroethene	0.73	U	1	0.73	4.90	ug/Kg	10/27/25 12:07	VY102725
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
67-66-3	Chloroform	0.82	U	1	0.82	4.90	ug/Kg	10/27/25 12:07	VY102725
71-55-6	1,1,1-Trichloroethane	0.91	U	1	0.91	4.90	ug/Kg	10/27/25 12:07	VY102725
108-87-2	Methylcyclohexane	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
71-43-2	Benzene	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
107-06-2	1,2-Dichloroethane	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
79-01-6	Trichloroethene	0.79	U	1	0.79	4.90	ug/Kg	10/27/25 12:07	VY102725
78-87-5	1,2-Dichloropropane	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
75-27-4	Bromodichloromethane	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.4	ug/Kg	10/27/25 12:07	VY102725
108-88-3	Toluene	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
10061-02-6	t-1,3-Dichloropropene	0.63	U	1	0.63	4.90	ug/Kg	10/27/25 12:07	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.60	U	1	0.60	4.90	ug/Kg	10/27/25 12:07	VY102725
79-00-5	1,1,2-Trichloroethane	0.90	U	1	0.90	4.90	ug/Kg	10/27/25 12:07	VY102725
591-78-6	2-Hexanone	3.60	U	1	3.60	24.4	ug/Kg	10/27/25 12:07	VY102725
124-48-1	Dibromochloromethane	0.85	U	1	0.85	4.90	ug/Kg	10/27/25 12:07	VY102725
106-93-4	1,2-Dibromoethane	0.86	U	1	0.86	4.90	ug/Kg	10/27/25 12:07	VY102725
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
108-90-7	Chlorobenzene	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
100-41-4	Ethyl Benzene	0.65	U	1	0.65	4.90	ug/Kg	10/27/25 12:07	VY102725
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.80	ug/Kg	10/27/25 12:07	VY102725
95-47-6	o-Xylene	0.80	U	1	0.80	4.90	ug/Kg	10/27/25 12:07	VY102725
100-42-5	Styrene	0.69	U	1	0.69	4.90	ug/Kg	10/27/25 12:07	VY102725
75-25-2	Bromoform	0.84	U	1	0.84	4.90	ug/Kg	10/27/25 12:07	VY102725

Raw Data: **VY023591.D**

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

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.5-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-01	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	81.5
Sample Wt/Vol:	6.29 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	4.90	ug/Kg	10/27/25 12:07	VY102725
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.90	ug/Kg	10/27/25 12:07	VY102725
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.90	ug/Kg	10/27/25 12:07	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.90	ug/Kg	10/27/25 12:07	VY102725
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.90	ug/Kg	10/27/25 12:07	VY102725
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.90	ug/Kg	10/27/25 12:07	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			70 (63) - 130 (155)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (70) - 130 (134)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.1			70 (74) - 130 (123)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.7			70 (17) - 130 (146)	83%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	731000							
540-36-3	1,4-Difluorobenzene	1200000							
3114-55-4	Chlorobenzene-d5	997000							
3855-82-1	1,4-Dichlorobenzene-d4	393000							

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: **VY023592.D**

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Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B9-0.5-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-04	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	83.6
Sample Wt/Vol:	4.79 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	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
74-87-3	Chloromethane	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
75-01-4	Vinyl Chloride	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
74-83-9	Bromomethane	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
75-00-3	Chloroethane	1.60	U	1	1.60	6.20	ug/Kg	10/27/25 12:30	VY102725
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.20	ug/Kg	10/27/25 12:30	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
67-64-1	Acetone	5.90	U	1	5.90	31.2	ug/Kg	10/27/25 12:30	VY102725
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
1634-04-4	Methyl tert-butyl Ether	0.91	U	1	0.91	6.20	ug/Kg	10/27/25 12:30	VY102725
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.20	ug/Kg	10/27/25 12:30	VY102725
75-09-2	Methylene Chloride	4.40	U	1	4.40	12.5	ug/Kg	10/27/25 12:30	VY102725
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
75-34-3	1,1-Dichloroethane	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
110-82-7	Cyclohexane	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
78-93-3	2-Butanone	8.20	U	1	8.20	31.2	ug/Kg	10/27/25 12:30	VY102725
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
156-59-2	cis-1,2-Dichloroethene	0.94	U	1	0.94	6.20	ug/Kg	10/27/25 12:30	VY102725
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
67-66-3	Chloroform	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
71-43-2	Benzene	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
107-06-2	1,2-Dichloroethane	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
79-01-6	Trichloroethene	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
75-27-4	Bromodichloromethane	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
108-10-1	4-Methyl-2-Pentanone	4.50	U	1	4.50	31.2	ug/Kg	10/27/25 12:30	VY102725
108-88-3	Toluene	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
10061-02-6	t-1,3-Dichloropropene	0.81	U	1	0.81	6.20	ug/Kg	10/27/25 12:30	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.77	U	1	0.77	6.20	ug/Kg	10/27/25 12:30	VY102725
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
591-78-6	2-Hexanone	4.60	U	1	4.60	31.2	ug/Kg	10/27/25 12:30	VY102725
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
100-41-4	Ethyl Benzene	0.84	U	1	0.84	6.20	ug/Kg	10/27/25 12:30	VY102725
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.5	ug/Kg	10/27/25 12:30	VY102725
95-47-6	o-Xylene	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
100-42-5	Styrene	0.89	U	1	0.89	6.20	ug/Kg	10/27/25 12:30	VY102725
75-25-2	Bromoform	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725

Raw Data: **VY023592.D**

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Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B9-0.5-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-04	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	83.6
Sample Wt/Vol:	4.79 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	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.20	ug/Kg	10/27/25 12:30	VY102725
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.20	ug/Kg	10/27/25 12:30	VY102725
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.20	ug/Kg	10/27/25 12:30	VY102725
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.20	ug/Kg	10/27/25 12:30	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1	2.30	6.20	ug/Kg	10/27/25 12:30	VY102725
120-82-1	1,2,4-Trichlorobenzene	3.70	U	1	3.70	6.20	ug/Kg	10/27/25 12:30	VY102725
87-61-6	1,2,3-Trichlorobenzene	4.00	U	1	4.00	6.20	ug/Kg	10/27/25 12:30	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.5			70 (63) - 130 (155)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	48.4			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	38.6			70 (17) - 130 (146)	77%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	745000							
540-36-3	1,4-Difluorobenzene	1230000							
3114-55-4	Chlorobenzene-d5	980000							
3855-82-1	1,4-Dichlorobenzene-d4	362000							

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: **VY023593.D**

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Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B7-1.5-2.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-06	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	91.1
Sample Wt/Vol:	4.55 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	1.40	U	1	1.40	6.00	ug/Kg	10/27/25 12:54	VY102725
74-87-3	Chloromethane	1.40	U	1	1.40	6.00	ug/Kg	10/27/25 12:54	VY102725
75-01-4	Vinyl Chloride	0.95	U	1	0.95	6.00	ug/Kg	10/27/25 12:54	VY102725
74-83-9	Bromomethane	1.30	U	1	1.30	6.00	ug/Kg	10/27/25 12:54	VY102725
75-00-3	Chloroethane	1.50	U	1	1.50	6.00	ug/Kg	10/27/25 12:54	VY102725
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.00	ug/Kg	10/27/25 12:54	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.00	ug/Kg	10/27/25 12:54	VY102725
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.00	ug/Kg	10/27/25 12:54	VY102725
67-64-1	Acetone	5.70	U	1	5.70	30.2	ug/Kg	10/27/25 12:54	VY102725
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.00	ug/Kg	10/27/25 12:54	VY102725
1634-04-4	Methyl tert-butyl Ether	0.88	U	1	0.88	6.00	ug/Kg	10/27/25 12:54	VY102725
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.00	ug/Kg	10/27/25 12:54	VY102725
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.1	ug/Kg	10/27/25 12:54	VY102725
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	6.00	ug/Kg	10/27/25 12:54	VY102725
75-34-3	1,1-Dichloroethane	0.97	U	1	0.97	6.00	ug/Kg	10/27/25 12:54	VY102725
110-82-7	Cyclohexane	0.95	U	1	0.95	6.00	ug/Kg	10/27/25 12:54	VY102725
78-93-3	2-Butanone	7.90	U	1	7.90	30.2	ug/Kg	10/27/25 12:54	VY102725
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.00	ug/Kg	10/27/25 12:54	VY102725
156-59-2	cis-1,2-Dichloroethene	0.90	U	1	0.90	6.00	ug/Kg	10/27/25 12:54	VY102725
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.00	ug/Kg	10/27/25 12:54	VY102725
67-66-3	Chloroform	1.00	U	1	1.00	6.00	ug/Kg	10/27/25 12:54	VY102725
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
71-43-2	Benzene	0.95	U	1	0.95	6.00	ug/Kg	10/27/25 12:54	VY102725
107-06-2	1,2-Dichloroethane	0.95	U	1	0.95	6.00	ug/Kg	10/27/25 12:54	VY102725
79-01-6	Trichloroethene	0.98	U	1	0.98	6.00	ug/Kg	10/27/25 12:54	VY102725
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
75-27-4	Bromodichloromethane	0.94	U	1	0.94	6.00	ug/Kg	10/27/25 12:54	VY102725
108-10-1	4-Methyl-2-Pentanone	4.30	U	1	4.30	30.2	ug/Kg	10/27/25 12:54	VY102725
108-88-3	Toluene	0.94	U	1	0.94	6.00	ug/Kg	10/27/25 12:54	VY102725
10061-02-6	t-1,3-Dichloropropene	0.78	U	1	0.78	6.00	ug/Kg	10/27/25 12:54	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.75	U	1	0.75	6.00	ug/Kg	10/27/25 12:54	VY102725
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
591-78-6	2-Hexanone	4.50	U	1	4.50	30.2	ug/Kg	10/27/25 12:54	VY102725
124-48-1	Dibromochloromethane	1.00	U	1	1.00	6.00	ug/Kg	10/27/25 12:54	VY102725
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.00	ug/Kg	10/27/25 12:54	VY102725
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.00	ug/Kg	10/27/25 12:54	VY102725
100-41-4	Ethyl Benzene	0.81	U	1	0.81	6.00	ug/Kg	10/27/25 12:54	VY102725
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.1	ug/Kg	10/27/25 12:54	VY102725
95-47-6	o-Xylene	0.99	U	1	0.99	6.00	ug/Kg	10/27/25 12:54	VY102725
100-42-5	Styrene	0.86	U	1	0.86	6.00	ug/Kg	10/27/25 12:54	VY102725
75-25-2	Bromoform	1.00	U	1	1.00	6.00	ug/Kg	10/27/25 12:54	VY102725

Raw Data: **VY023593.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B7-1.5-2.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-06	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	91.1
Sample Wt/Vol:	4.55 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	0.94	U	1	0.94	6.00	ug/Kg	10/27/25 12:54	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.00	ug/Kg	10/27/25 12:54	VY102725
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.00	ug/Kg	10/27/25 12:54	VY102725
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.00	ug/Kg	10/27/25 12:54	VY102725
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	6.00	ug/Kg	10/27/25 12:54	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.00	ug/Kg	10/27/25 12:54	VY102725
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.00	ug/Kg	10/27/25 12:54	VY102725
87-61-6	1,2,3-Trichlorobenzene	3.80	U	1	3.80	6.00	ug/Kg	10/27/25 12:54	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.8			70 (63) - 130 (155)	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			70 (70) - 130 (134)	99%	SPK: 50		
2037-26-5	Toluene-d8	49.0			70 (74) - 130 (123)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.5			70 (17) - 130 (146)	83%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	731000							
540-36-3	1,4-Difluorobenzene	1220000							
3114-55-4	Chlorobenzene-d5	997000							
3855-82-1	1,4-Dichlorobenzene-d4	398000							

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

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

QC SUMMARY

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

SDG No.: Q3466

Client: HDR, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3466-01	B8-0.5-1.0-20251023	1,2-Dichloroethane-d4	50	52.5	105		70 (63)	130 (155)
		Dibromofluoromethane	50	50.9	102		70 (70)	130 (134)
		Toluene-d8	50	49.1	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.7	83		70 (17)	130 (146)
Q3466-04	B9-0.5-1.0-20251023	1,2-Dichloroethane-d4	50	50.5	101		70 (63)	130 (155)
		Dibromofluoromethane	50	50.3	101		70 (70)	130 (134)
		Toluene-d8	50	48.4	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.6	77		70 (17)	130 (146)
Q3466-06	B7-1.5-2.0-20251023	1,2-Dichloroethane-d4	50	50.8	102		70 (63)	130 (155)
		Dibromofluoromethane	50	49.6	99		70 (70)	130 (134)
		Toluene-d8	50	49.0	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.5	83		70 (17)	130 (146)
VY1027SBL01	VY1027SBL01	1,2-Dichloroethane-d4	50	48.7	97		70 (63)	130 (155)
		Dibromofluoromethane	50	49.6	99		70 (70)	130 (134)
		Toluene-d8	50	48.5	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.7	79		70 (17)	130 (146)
VY1027SBS01	VY1027SBS01	1,2-Dichloroethane-d4	50	46.7	93		70 (63)	130 (155)
		Dibromofluoromethane	50	50.5	101		70 (70)	130 (134)
		Toluene-d8	50	49.1	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	49.1	98		70 (17)	130 (146)
VY1027SBSD01	VY1027SBSD01	1,2-Dichloroethane-d4	50	47.7	95		70 (63)	130 (155)
		Dibromofluoromethane	50	50.8	102		70 (70)	130 (134)
		Toluene-d8	50	50.7	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	49.9	100		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** SW8260D

Client: HDR, Inc. **Datafile :** VY023587.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1027SBS01	Dichlorodifluoromethane	20	20.0	ug/Kg	100			40 (64)	160 (136)	
	Chloromethane	20	18.5	ug/Kg	93			40 (52)	160 (151)	
	Vinyl chloride	20	19.2	ug/Kg	96			70 (56)	130 (148)	
	Bromomethane	20	20.8	ug/Kg	104			40 (58)	160 (141)	
	Chloroethane	20	20.0	ug/Kg	100			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.6	ug/Kg	103			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.5	ug/Kg	108			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.4	ug/Kg	102			70 (79)	130 (121)	
	Acetone	100	130	ug/Kg	130			40 (40)	160 (171)	
	Carbon disulfide	20	19.4	ug/Kg	97			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	19.7	ug/Kg	99			70 (77)	130 (129)	
	Methyl Acetate	20	15.3	ug/Kg	77			70 (69)	130 (149)	
	Methylene Chloride	20	19.6	ug/Kg	98			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			70 (80)	130 (123)	
	1,1-Dichloroethane	20	21.0	ug/Kg	105			70 (82)	130 (123)	
	Cyclohexane	20	20.0	ug/Kg	100			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	21.6	ug/Kg	108			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.6	ug/Kg	108			70 (82)	130 (123)	
	Bromochloromethane	20	20.5	ug/Kg	103			70 (80)	130 (127)	
	Chloroform	20	21.8	ug/Kg	109			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.8	ug/Kg	109			70 (80)	130 (126)	
	Methylcyclohexane	20	20.5	ug/Kg	103			70 (77)	130 (123)	
	Benzene	20	21.6	ug/Kg	108			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.9	ug/Kg	104			70 (81)	130 (126)	
	Trichloroethene	20	21.8	ug/Kg	109			70 (83)	130 (122)	
	1,2-Dichloropropane	20	21.6	ug/Kg	108			70 (83)	130 (122)	
	Bromodichloromethane	20	21.6	ug/Kg	108			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	95.4	ug/Kg	95			40 (70)	160 (135)	
	Toluene	20	21.6	ug/Kg	108			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	20.5	ug/Kg	103			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	20.8	ug/Kg	104			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.6	ug/Kg	103			70 (80)	130 (125)	
	Tetrachloroethene	20	22.5	ug/Kg	113			70 (83)	130 (125)	
	Chlorobenzene	20	21.4	ug/Kg	107			70 (84)	130 (122)	
	Ethyl Benzene	20	21.3	ug/Kg	106			70 (82)	130 (124)	
	m/p-Xylenes	40	43.5	ug/Kg	109			70 (83)	130 (124)	
	o-Xylene	20	21.4	ug/Kg	107			70 (83)	130 (123)	
	Styrene	20	21.3	ug/Kg	106			70 (82)	130 (124)	
	Bromoform	20	20.4	ug/Kg	102			70 (75)	130 (127)	
	Isopropylbenzene	20	21.0	ug/Kg	105			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/Kg	95			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	21.3	ug/Kg	106			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.9	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	21.2	ug/Kg	106			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** SW8260D

Client: HDR, Inc. **Datafile :** VY023587.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1027SBS01	1,2-Dibromo-3-Chloropropane	20	18.3	ug/Kg	92			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.3	ug/Kg	97			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** SW8260D

Client: HDR, Inc. **Datafile :** VY023588.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY1027SBSD01	Dichlorodifluoromethane	20	21.2	ug/Kg	106	6		40 (64)	160 (136)	30 (20)
	Chloromethane	20	19.8	ug/Kg	99	6		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	20.5	ug/Kg	103	7		70 (56)	130 (148)	30 (20)
	Bromomethane	20	21.6	ug/Kg	108	4		40 (58)	160 (141)	30 (20)
	Chloroethane	20	21.4	ug/Kg	107	7		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	21.3	ug/Kg	106	3		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/Kg	112	4		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.3	ug/Kg	106	4		70 (79)	130 (121)	30 (20)
	Acetone	100	140	ug/Kg	140	7		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.3	ug/Kg	102	5		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104	5		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	19.3	ug/Kg	97	23		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	21.1	ug/Kg	106	8		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109	4		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	22.1	ug/Kg	111	6		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.4	ug/Kg	102	2		70 (76)	130 (122)	30 (20)
	2-Butanone	100	120	ug/Kg	120	9		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	22.4	ug/Kg	112	4		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	22.5	ug/Kg	113	5		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	21.4	ug/Kg	107	4		70 (80)	130 (127)	30 (20)
	Chloroform	20	22.8	ug/Kg	114	4		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	22.3	ug/Kg	112	3		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	21.2	ug/Kg	106	3		70 (77)	130 (123)	30 (20)
	Benzene	20	22.7	ug/Kg	114	5		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	21.8	ug/Kg	109	5		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	22.2	ug/Kg	111	2		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	22.6	ug/Kg	113	5		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	22.4	ug/Kg	112	4		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	5		40 (70)	160 (135)	30 (20)
	Toluene	20	22.8	ug/Kg	114	5		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	21.2	ug/Kg	106	3		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	22.2	ug/Kg	111	6		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	22.7	ug/Kg	114	8		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	110	ug/Kg	110	0		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	21.9	ug/Kg	110	6		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	21.7	ug/Kg	109	6		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	23.1	ug/Kg	116	3		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	22.6	ug/Kg	113	5		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	22.2	ug/Kg	111	5		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	44.6	ug/Kg	112	3		70 (83)	130 (124)	30 (20)
	o-Xylene	20	21.9	ug/Kg	110	3		70 (83)	130 (123)	30 (20)
	Styrene	20	22.3	ug/Kg	112	6		70 (82)	130 (124)	30 (20)
	Bromoform	20	21.7	ug/Kg	109	7		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	22.2	ug/Kg	111	6		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104	9		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.9	ug/Kg	110	4		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	21.9	ug/Kg	110	6		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	22.0	ug/Kg	110	4		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** SW8260D

Client: HDR, Inc. **Datafile :** VY023588.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY1027SBSD01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100	8		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.4	ug/Kg	102	2		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	20.2	ug/Kg	101	4		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1027SBL01

Lab Name: Alliance Contract: HDRI08

Lab Code: ACE SDG NO.: Q3466

Lab File ID: VY023586.D Lab Sample ID: VY1027SBL01

Date Analyzed: 10/27/2025 Time Analyzed: 09:47

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
VY1027SBS01	VY1027SBS01	VY023587.D	10/27/2025
VY1027SBSD01	VY1027SBSD01	VY023588.D	10/27/2025
B8-0.5-1.0-20251023	Q3466-01	VY023591.D	10/27/2025
B9-0.5-1.0-20251023	Q3466-04	VY023592.D	10/27/2025
B7-1.5-2.0-20251023	Q3466-06	VY023593.D	10/27/2025

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: HDRI08

Lab Code: ACE | SDG NO.: Q3466

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

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: HDRI08

Lab Code: ACE | SDG NO.: Q3466

Lab File ID: VY023584.D | BFB Injection Date: 10/27/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:37

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	16.7
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.1 (1.1) 1
174	50.0 - 100.0% of mass 95	97.5
175	5.0 - 9.0% of mass 174	7.1 (7.3) 1
176	95.0 - 101.0% of mass 174	93.9 (96.3) 1
177	5.0 - 9.0% of mass 176	6.3 (6.7) 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	VY023585.D	10/27/2025	09:12
VY1027SBL01	VY1027SBL01	VY023586.D	10/27/2025	09:47
VY1027SBS01	VY1027SBS01	VY023587.D	10/27/2025	10:17
VY1027SBSD01	VY1027SBSD01	VY023588.D	10/27/2025	10:39
B8-0.5-1.0-20251023	Q3466-01	VY023591.D	10/27/2025	12:07
B9-0.5-1.0-20251023	Q3466-04	VY023592.D	10/27/2025	12:30
B7-1.5-2.0-20251023	Q3466-06	VY023593.D	10/27/2025	12:54

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: HDRI08

Lab Code: ACE SDG NO.: Q3466

Lab File ID: VY023585.D Date Analyzed: 10/27/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:12

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	515413	7.71	730664	8.62	639546	11.41
UPPER LIMIT	1030830	8.207	1461330	9.116	1279090	11.914
LOWER LIMIT	257707	7.207	365332	8.116	319773	10.914
EPA SAMPLE NO.						
B8-0.5-1.0-20251023	731403	7.71	1204392	8.62	997355	11.41
B9-0.5-1.0-20251023	745194	7.71	1231218	8.62	979970	11.41
B7-1.5-2.0-20251023	731194	7.71	1218761	8.62	996988	11.41
VY1027SBL01	818713	7.71	1317250	8.62	1075350	11.42
VY1027SBS01	499774	7.71	732575	8.62	644176	11.42
VY1027SBSD01	484571	7.71	706753	8.62	619972	11.41

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: HDRI08

Lab Code: ACE SDG NO.: Q3466

Lab File ID: VY023585.D Date Analyzed: 10/27/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:12

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

	IS4 AREA #	RT #				
12 HOUR STD	333946	13.346				
UPPER LIMIT	667892	13.846				
LOWER LIMIT	166973	12.846				
EPA SAMPLE NO.						
B8-0.5-1.0-20251023	392869	13.35				
B9-0.5-1.0-20251023	361763	13.35				
B7-1.5-2.0-20251023	398135	13.35				
VY1027SBL01	410194	13.35				
VY1027SBS01	345467	13.35				
VY1027SBSD01	325402	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: **VY023586.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	VY1027SBL01	SDG No.:	Q3466
Lab Sample ID:	VY1027SBL01	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	10/27/25 09:47	VY102725
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/27/25 09:47	VY102725
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/27/25 09:47	VY102725
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/27/25 09:47	VY102725
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/27/25 09:47	VY102725
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/27/25 09:47	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/27/25 09:47	VY102725
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/27/25 09:47	VY102725
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/27/25 09:47	VY102725
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/27/25 09:47	VY102725
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/27/25 09:47	VY102725
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/27/25 09:47	VY102725
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/27/25 09:47	VY102725
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/27/25 09:47	VY102725
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/27/25 09:47	VY102725
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/27/25 09:47	VY102725
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/27/25 09:47	VY102725
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/27/25 09:47	VY102725
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/27/25 09:47	VY102725
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/27/25 09:47	VY102725
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/27/25 09:47	VY102725
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/27/25 09:47	VY102725
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/27/25 09:47	VY102725
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/27/25 09:47	VY102725
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/27/25 09:47	VY102725
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/27/25 09:47	VY102725
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/27/25 09:47	VY102725
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/27/25 09:47	VY102725
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/27/25 09:47	VY102725
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/27/25 09:47	VY102725
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/27/25 09:47	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/27/25 09:47	VY102725
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/27/25 09:47	VY102725
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/27/25 09:47	VY102725
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/27/25 09:47	VY102725
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/27/25 09:47	VY102725
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/27/25 09:47	VY102725
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/27/25 09:47	VY102725
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/27/25 09:47	VY102725
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/27/25 09:47	VY102725
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/27/25 09:47	VY102725
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/27/25 09:47	VY102725
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/27/25 09:47	VY102725

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

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	VY1027SBL01	SDG No.:	Q3466
Lab Sample ID:	VY1027SBL01	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	10/27/25 09:47	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/27/25 09:47	VY102725
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/27/25 09:47	VY102725
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/27/25 09:47	VY102725
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/27/25 09:47	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/27/25 09:47	VY102725
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/27/25 09:47	VY102725
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/27/25 09:47	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.7			70 (63) - 130 (155)	97%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			70 (70) - 130 (134)	99%	SPK: 50		
2037-26-5	Toluene-d8	48.5			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.7			70 (17) - 130 (146)	79%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	819000							
540-36-3	1,4-Difluorobenzene	1320000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	410000							

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: **VY023587.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	VY1027SBS01	SDG No.:	Q3466
Lab Sample ID:	VY1027SBS01	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	20.0		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
74-87-3	Chloromethane	18.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
74-83-9	Bromomethane	20.8		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-00-3	Chloroethane	20.0		1	1.30	5.00	ug/Kg	10/27/25 10:17	VY102725
75-69-4	Trichlorofluoromethane	20.6		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	21.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-35-4	1,1-Dichloroethene	20.4		1	1.00	5.00	ug/Kg	10/27/25 10:17	VY102725
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	10/27/25 10:17	VY102725
75-15-0	Carbon Disulfide	19.4		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
1634-04-4	Methyl tert-butyl Ether	19.7		1	0.73	5.00	ug/Kg	10/27/25 10:17	VY102725
79-20-9	Methyl Acetate	15.3		1	1.50	5.00	ug/Kg	10/27/25 10:17	VY102725
75-09-2	Methylene Chloride	19.6		1	3.50	10.0	ug/Kg	10/27/25 10:17	VY102725
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	5.00	ug/Kg	10/27/25 10:17	VY102725
75-34-3	1,1-Dichloroethane	21.0		1	0.80	5.00	ug/Kg	10/27/25 10:17	VY102725
110-82-7	Cyclohexane	20.0		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	10/27/25 10:17	VY102725
56-23-5	Carbon Tetrachloride	21.6		1	0.97	5.00	ug/Kg	10/27/25 10:17	VY102725
156-59-2	cis-1,2-Dichloroethene	21.6		1	0.75	5.00	ug/Kg	10/27/25 10:17	VY102725
74-97-5	Bromochloromethane	20.5		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
67-66-3	Chloroform	21.8		1	0.84	5.00	ug/Kg	10/27/25 10:17	VY102725
71-55-6	1,1,1-Trichloroethane	21.8		1	0.93	5.00	ug/Kg	10/27/25 10:17	VY102725
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
107-06-2	1,2-Dichloroethane	20.9		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
79-01-6	Trichloroethene	21.8		1	0.81	5.00	ug/Kg	10/27/25 10:17	VY102725
78-87-5	1,2-Dichloropropane	21.6		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
75-27-4	Bromodichloromethane	21.6		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
108-10-1	4-Methyl-2-Pentanone	95.4		1	3.60	25.0	ug/Kg	10/27/25 10:17	VY102725
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
10061-02-6	t-1,3-Dichloropropene	20.5		1	0.65	5.00	ug/Kg	10/27/25 10:17	VY102725
10061-01-5	cis-1,3-Dichloropropene	21.0		1	0.62	5.00	ug/Kg	10/27/25 10:17	VY102725
79-00-5	1,1,2-Trichloroethane	21.0		1	0.92	5.00	ug/Kg	10/27/25 10:17	VY102725
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/27/25 10:17	VY102725
124-48-1	Dibromochloromethane	20.8		1	0.87	5.00	ug/Kg	10/27/25 10:17	VY102725
106-93-4	1,2-Dibromoethane	20.6		1	0.88	5.00	ug/Kg	10/27/25 10:17	VY102725
127-18-4	Tetrachloroethene	22.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
108-90-7	Chlorobenzene	21.4		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
100-41-4	Ethyl Benzene	21.3		1	0.67	5.00	ug/Kg	10/27/25 10:17	VY102725
179601-23-1	m/p-Xylenes	43.5		1	1.20	10.0	ug/Kg	10/27/25 10:17	VY102725
95-47-6	o-Xylene	21.4		1	0.82	5.00	ug/Kg	10/27/25 10:17	VY102725
100-42-5	Styrene	21.3		1	0.71	5.00	ug/Kg	10/27/25 10:17	VY102725
75-25-2	Bromoform	20.4		1	0.86	5.00	ug/Kg	10/27/25 10:17	VY102725

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	VY1027SBS01	SDG No.:	Q3466
Lab Sample ID:	VY1027SBS01	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	21.0		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
541-73-1	1,3-Dichlorobenzene	21.3		1	1.70	5.00	ug/Kg	10/27/25 10:17	VY102725
106-46-7	1,4-Dichlorobenzene	20.9		1	1.60	5.00	ug/Kg	10/27/25 10:17	VY102725
95-50-1	1,2-Dichlorobenzene	21.2		1	1.50	5.00	ug/Kg	10/27/25 10:17	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1	1.80	5.00	ug/Kg	10/27/25 10:17	VY102725
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	10/27/25 10:17	VY102725
87-61-6	1,2,3-Trichlorobenzene	19.3		1	3.20	5.00	ug/Kg	10/27/25 10:17	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.7			70 (63) - 130 (155)	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	49.1			70 (74) - 130 (123)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.1			70 (17) - 130 (146)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	500000							
540-36-3	1,4-Difluorobenzene	733000							
3114-55-4	Chlorobenzene-d5	644000							
3855-82-1	1,4-Dichlorobenzene-d4	345000							

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: **VY023588.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	VY1027SBSD01	SDG No.:	Q3466
Lab Sample ID:	VY1027SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.2		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
74-87-3	Chloromethane	19.8		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
75-01-4	Vinyl Chloride	20.5		1	0.79	5.00	ug/Kg	10/27/25 10:39	VY102725
74-83-9	Bromomethane	21.6		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
75-00-3	Chloroethane	21.4		1	1.30	5.00	ug/Kg	10/27/25 10:39	VY102725
75-69-4	Trichlorofluoromethane	21.3		1	1.20	5.00	ug/Kg	10/27/25 10:39	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
75-35-4	1,1-Dichloroethene	21.3		1	1.00	5.00	ug/Kg	10/27/25 10:39	VY102725
67-64-1	Acetone	140		1	4.70	25.0	ug/Kg	10/27/25 10:39	VY102725
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	10/27/25 10:39	VY102725
79-20-9	Methyl Acetate	19.3		1	1.50	5.00	ug/Kg	10/27/25 10:39	VY102725
75-09-2	Methylene Chloride	21.1		1	3.50	10.0	ug/Kg	10/27/25 10:39	VY102725
156-60-5	trans-1,2-Dichloroethene	21.7		1	0.86	5.00	ug/Kg	10/27/25 10:39	VY102725
75-34-3	1,1-Dichloroethane	22.1		1	0.80	5.00	ug/Kg	10/27/25 10:39	VY102725
110-82-7	Cyclohexane	20.4		1	0.79	5.00	ug/Kg	10/27/25 10:39	VY102725
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	10/27/25 10:39	VY102725
56-23-5	Carbon Tetrachloride	22.4		1	0.97	5.00	ug/Kg	10/27/25 10:39	VY102725
156-59-2	cis-1,2-Dichloroethene	22.5		1	0.75	5.00	ug/Kg	10/27/25 10:39	VY102725
74-97-5	Bromochloromethane	21.4		1	1.20	5.00	ug/Kg	10/27/25 10:39	VY102725
67-66-3	Chloroform	22.8		1	0.84	5.00	ug/Kg	10/27/25 10:39	VY102725
71-55-6	1,1,1-Trichloroethane	22.3		1	0.93	5.00	ug/Kg	10/27/25 10:39	VY102725
108-87-2	Methylcyclohexane	21.2		1	0.91	5.00	ug/Kg	10/27/25 10:39	VY102725
71-43-2	Benzene	22.7		1	0.79	5.00	ug/Kg	10/27/25 10:39	VY102725
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	10/27/25 10:39	VY102725
79-01-6	Trichloroethene	22.2		1	0.81	5.00	ug/Kg	10/27/25 10:39	VY102725
78-87-5	1,2-Dichloropropane	22.6		1	0.91	5.00	ug/Kg	10/27/25 10:39	VY102725
75-27-4	Bromodichloromethane	22.4		1	0.78	5.00	ug/Kg	10/27/25 10:39	VY102725
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	10/27/25 10:39	VY102725
108-88-3	Toluene	22.8		1	0.78	5.00	ug/Kg	10/27/25 10:39	VY102725
10061-02-6	t-1,3-Dichloropropene	21.2		1	0.65	5.00	ug/Kg	10/27/25 10:39	VY102725
10061-01-5	cis-1,3-Dichloropropene	22.2		1	0.62	5.00	ug/Kg	10/27/25 10:39	VY102725
79-00-5	1,1,2-Trichloroethane	22.7		1	0.92	5.00	ug/Kg	10/27/25 10:39	VY102725
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/27/25 10:39	VY102725
124-48-1	Dibromochloromethane	21.9		1	0.87	5.00	ug/Kg	10/27/25 10:39	VY102725
106-93-4	1,2-Dibromoethane	21.7		1	0.88	5.00	ug/Kg	10/27/25 10:39	VY102725
127-18-4	Tetrachloroethene	23.1		1	1.10	5.00	ug/Kg	10/27/25 10:39	VY102725
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	10/27/25 10:39	VY102725
100-41-4	Ethyl Benzene	22.2		1	0.67	5.00	ug/Kg	10/27/25 10:39	VY102725
179601-23-1	m/p-Xylenes	44.6		1	1.20	10.0	ug/Kg	10/27/25 10:39	VY102725
95-47-6	o-Xylene	21.9		1	0.82	5.00	ug/Kg	10/27/25 10:39	VY102725
100-42-5	Styrene	22.3		1	0.71	5.00	ug/Kg	10/27/25 10:39	VY102725
75-25-2	Bromoform	21.7		1	0.86	5.00	ug/Kg	10/27/25 10:39	VY102725

Raw Data: **VY023588.D**

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

Report of Analysis

Client:	HDR, Inc.			Date Collected:	
Project:	PVWC Linear Construction			Date Received:	
Client Sample ID:	VY1027SBSD01			SDG No.:	Q3466
Lab Sample ID:	VY1027SBSD01			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	22.2		1	0.78	5.00	ug/Kg	10/27/25 10:39	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1	1.20	5.00	ug/Kg	10/27/25 10:39	VY102725
541-73-1	1,3-Dichlorobenzene	21.9		1	1.70	5.00	ug/Kg	10/27/25 10:39	VY102725
106-46-7	1,4-Dichlorobenzene	21.9		1	1.60	5.00	ug/Kg	10/27/25 10:39	VY102725
95-50-1	1,2-Dichlorobenzene	22.0		1	1.50	5.00	ug/Kg	10/27/25 10:39	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1	1.80	5.00	ug/Kg	10/27/25 10:39	VY102725
120-82-1	1,2,4-Trichlorobenzene	20.4		1	3.00	5.00	ug/Kg	10/27/25 10:39	VY102725
87-61-6	1,2,3-Trichlorobenzene	20.2		1	3.20	5.00	ug/Kg	10/27/25 10:39	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.7			70 (63) - 130 (155)	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.8			70 (70) - 130 (134)	102%	SPK: 50		
2037-26-5	Toluene-d8	50.7			70 (74) - 130 (123)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			70 (17) - 130 (146)	100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	485000							
540-36-3	1,4-Difluorobenzene	707000							
3114-55-4	Chlorobenzene-d5	620000							
3855-82-1	1,4-Dichlorobenzene-d4	325000							

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: HDRI08

Lab Code: ACE SDG No.: Q3466

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: HDRI08

Lab Code: ACE SDG No.: Q3466

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: HDRI08
Lab Code: ACE
SDG No.: Q3466
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/27/2025 09:12
Lab File ID: VY023585.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	0.324		-10	20
Chloromethane	0.490	0.433	0.1	-11.63	20
Vinyl Chloride	0.639	0.590		-7.67	20
Bromomethane	0.536	0.482		-10.07	20
Chloroethane	0.435	0.424		-2.53	20
Trichlorofluoromethane	0.887	0.907		2.26	20
1,1,2-Trichlorotrifluoroethane	0.460	0.503		9.35	20
1,1-Dichloroethene	0.446	0.469		5.16	20
Acetone	0.100	0.113		13	20
Carbon Disulfide	1.277	1.229		-3.76	20
Methyl tert-butyl Ether	1.072	1.160		8.21	20
Methyl Acetate	0.261	0.316		21.07	20
Methylene Chloride	0.538	0.510		-5.2	20
trans-1,2-Dichloroethene	0.491	0.531		8.15	20
1,1-Dichloroethane	0.796	0.858	0.1	7.79	20
Cyclohexane	0.696	0.690		-0.86	20
2-Butanone	0.122	0.129		5.74	20
Carbon Tetrachloride	0.493	0.570		15.62	20
cis-1,2-Dichloroethene	0.567	0.628		10.76	20
Bromochloromethane	0.297	0.271		-8.75	20
Chloroform	0.875	0.975		11.43	20
1,1,1-Trichloroethane	0.795	0.883		11.07	20
Methylcyclohexane	0.530	0.598		12.83	20
Benzene	1.288	1.460		13.35	20
1,2-Dichloroethane	0.332	0.366		10.24	20
Trichloroethene	0.377	0.435		15.39	20
1,2-Dichloropropane	0.285	0.321		12.63	20
Bromodichloromethane	0.453	0.521		15.01	20
4-Methyl-2-Pentanone	0.166	0.190		14.46	20
Toluene	0.836	0.978		16.99	20
t-1,3-Dichloropropene	0.394	0.447		13.45	20
cis-1,3-Dichloropropene	0.465	0.526		13.12	20
1,1,2-Trichloroethane	0.242	0.281		16.12	20
2-Hexanone	0.119	0.137		15.13	20
Dibromochloromethane	0.339	0.390		15.04	20
1,2-Dibromoethane	0.231	0.264		14.29	20
Tetrachloroethene	0.516	0.614		18.99	20
Chlorobenzene	1.087	1.243	0.3	14.35	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: HDRI08

Lab Code: ACE SDG No.: Q3466

Instrument ID: MSVOA_Y Calibration Date/Time: 10/27/2025 09:12

Lab File ID: VY023585.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	2.077		18.01	20
m/p-Xylenes	0.706	0.830		17.56	20
o-Xylene	0.662	0.788		19.03	20
Styrene	1.089	1.297		19.1	20
Bromoform	0.240	0.279	0.1	16.25	20
Isopropylbenzene	3.295	3.956		20.06	20
1,1,2,2-Tetrachloroethane	0.539	0.604	0.3	12.06	20
1,3-Dichlorobenzene	1.706	1.961		14.95	20
1,4-Dichlorobenzene	1.685	1.898		12.64	20
1,2-Dichlorobenzene	1.496	1.710		14.31	20
1,2-Dibromo-3-Chloropropane	0.088	0.096		9.09	20
1,2,4-Trichlorobenzene	0.932	1.068		14.59	20
1,2,3-Trichlorobenzene	0.808	0.927		14.73	20
1,2-Dichloroethane-d4	0.418	0.400		-4.31	20
Dibromofluoromethane	0.307	0.319		3.91	20
Toluene-d8	1.144	1.166		1.92	20
4-Bromofluorobenzene	0.378	0.391		3.44	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\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Quant Time: Oct 28 04:38:44 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	731403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1204392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	997355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	392869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	320975	52.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.960%			
35) Dibromofluoromethane	7.634	113	376712	50.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.800%			
50) Toluene-d8	10.109	98	1353397	49.108	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.408	95	379541	41.713	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.420%			

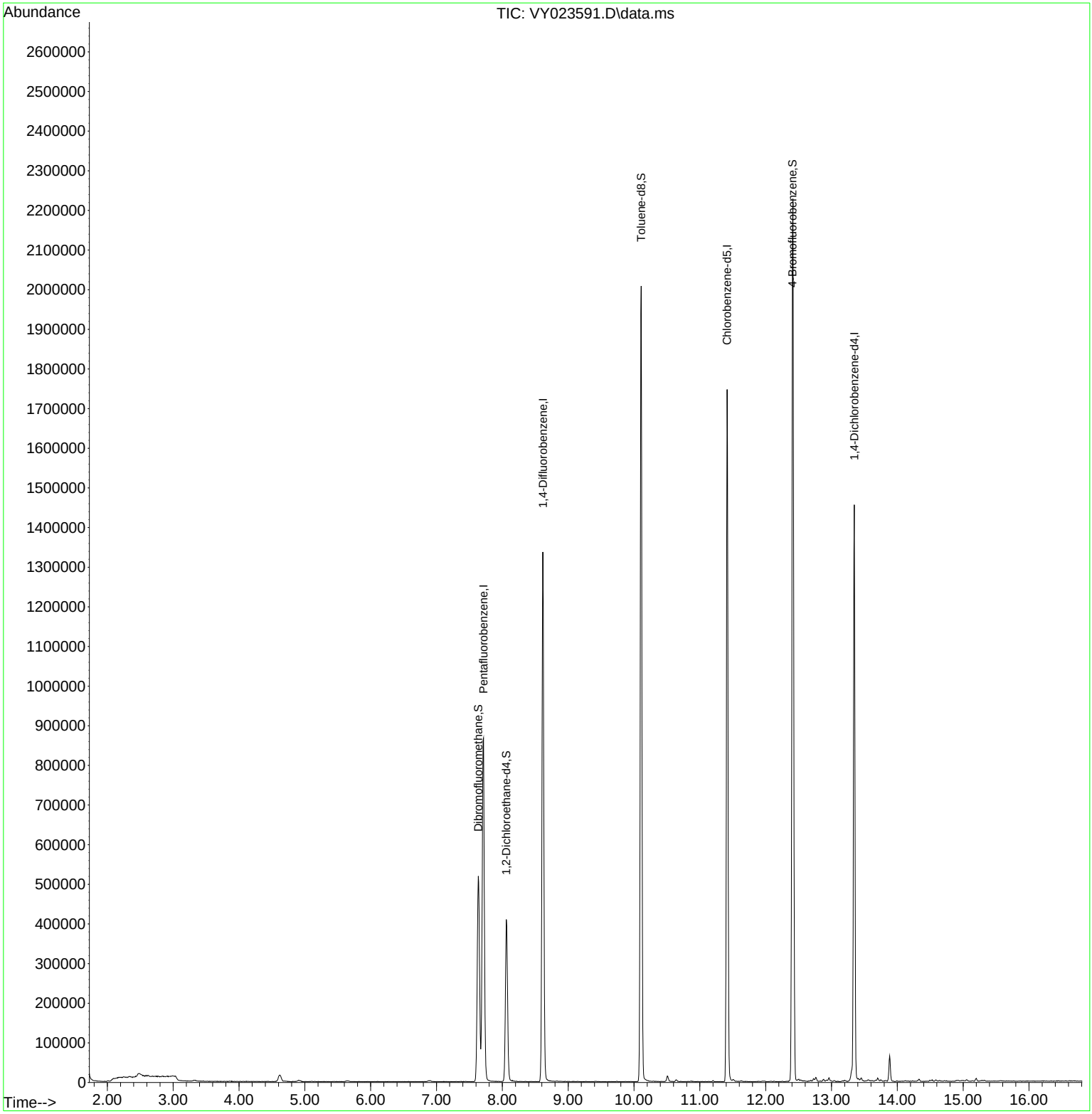
Target Compounds Qvalue

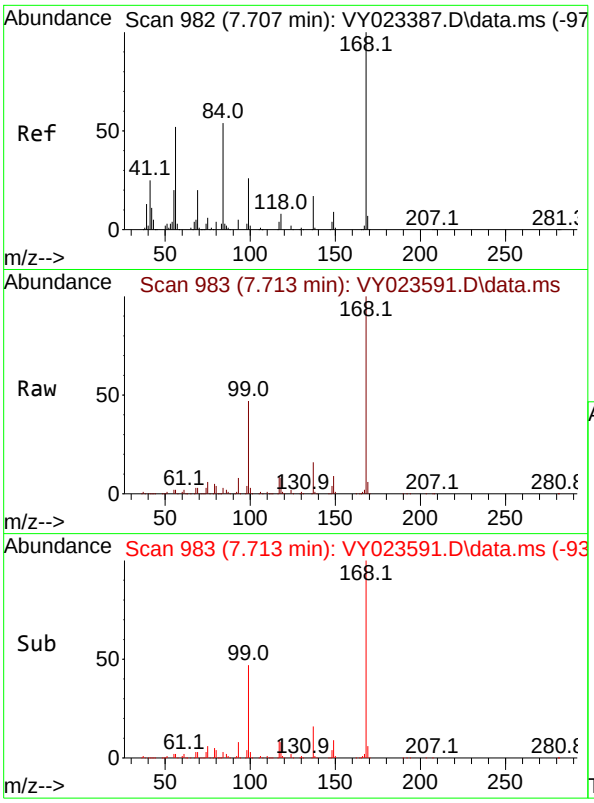
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Quant Time: Oct 28 04:38:44 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



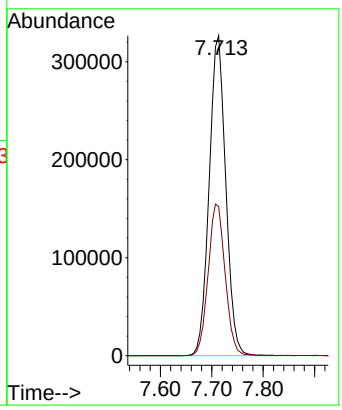


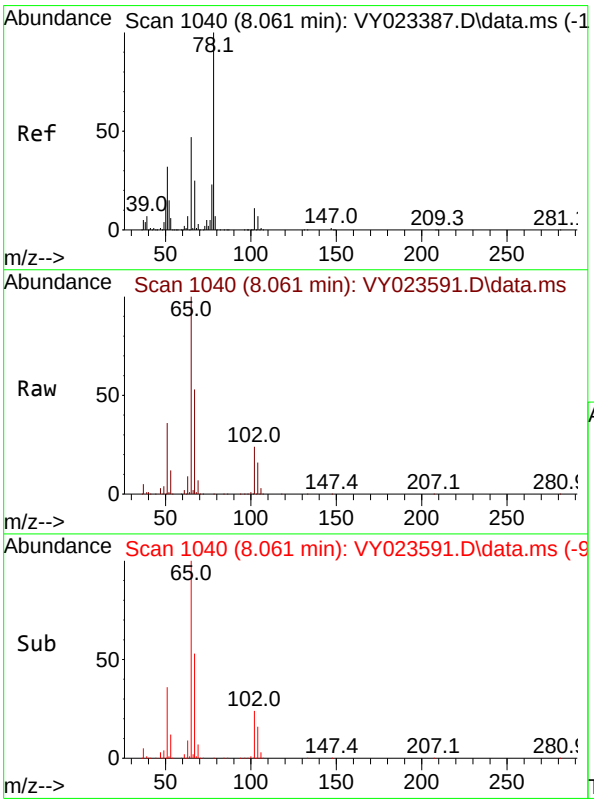
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Tgt Ion:168 Resp: 731403

Ion	Ratio	Lower	Upper
168	100		
99	46.6	39.7	59.5

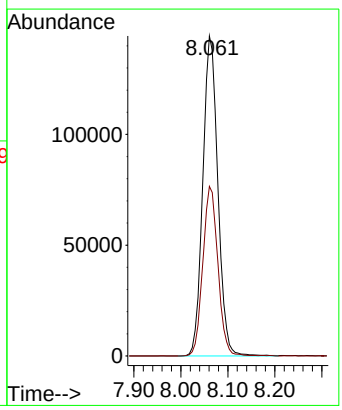


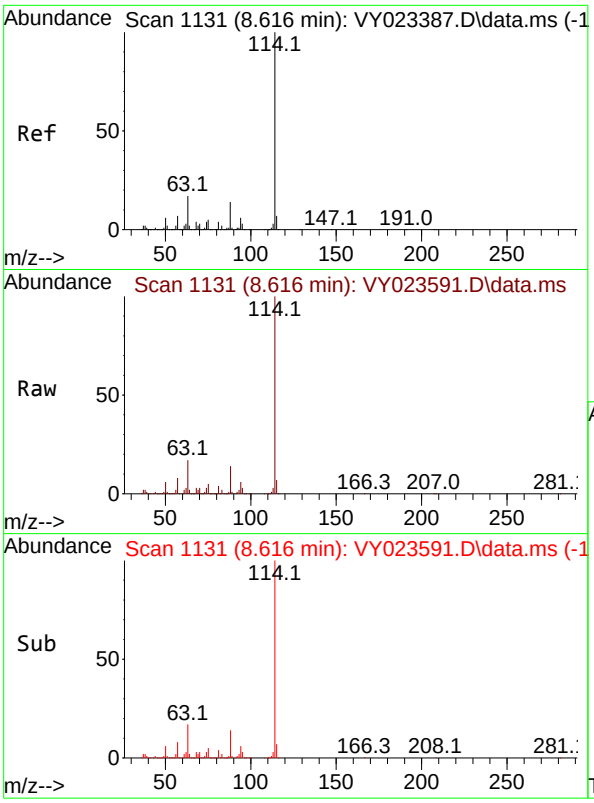


#33
1,2-Dichloroethane-d4
Concen: 52.480 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Tgt Ion: 65 Resp: 320975

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8



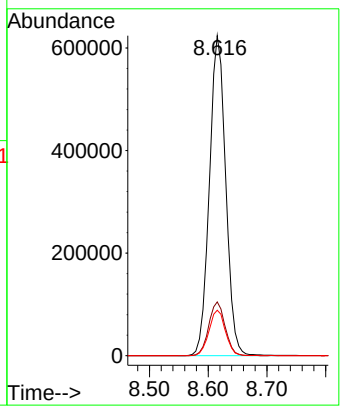


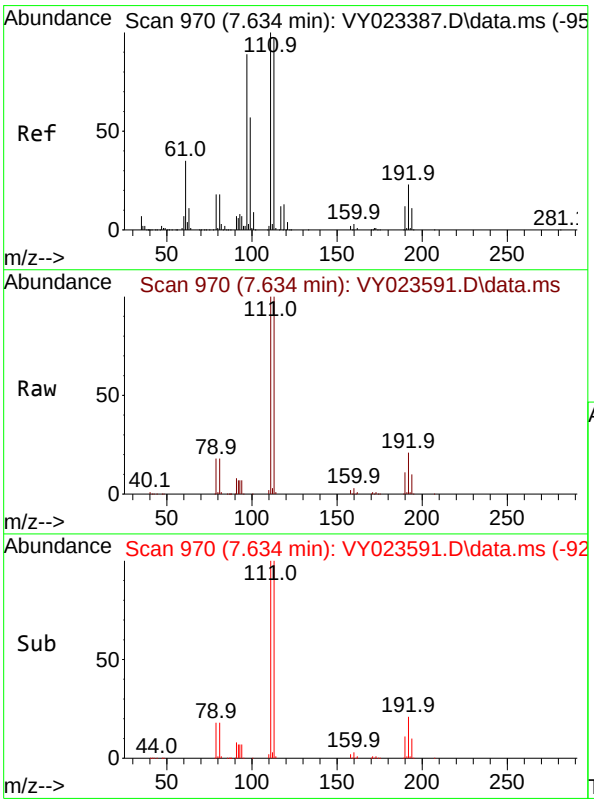
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Tgt Ion:114 Resp: 1204392

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.2
88	14.2	0.0	28.4

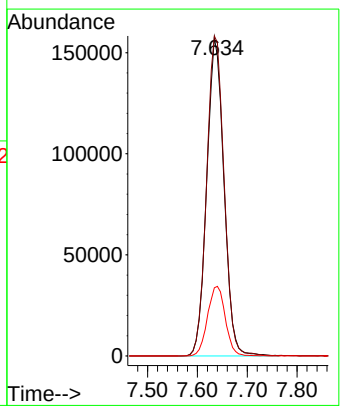


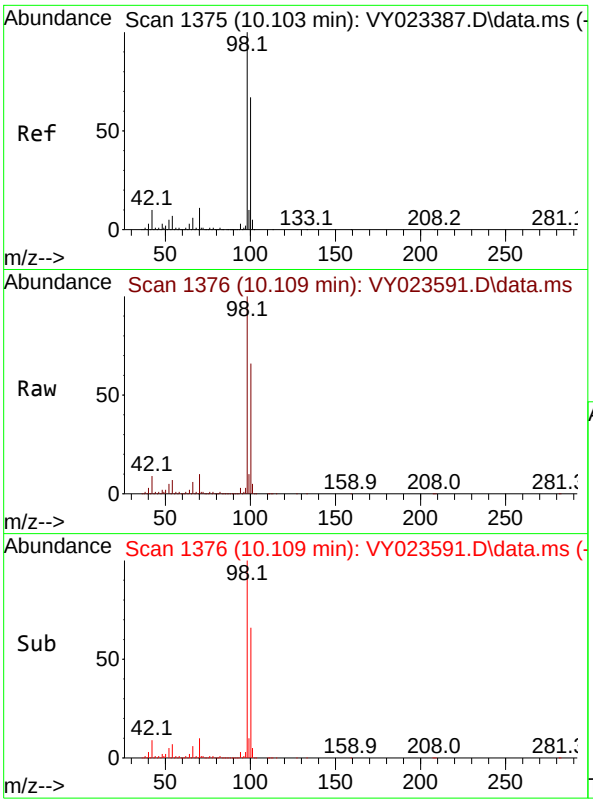


#35
Dibromofluoromethane
Concen: 50.904 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Tgt Ion:113 Resp: 376712

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.7	18.0	27.0



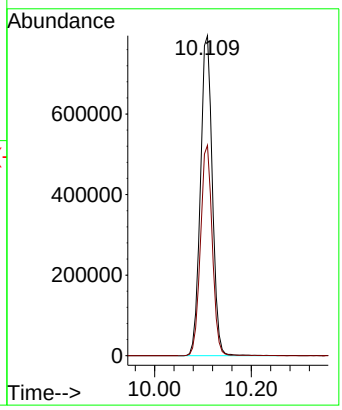


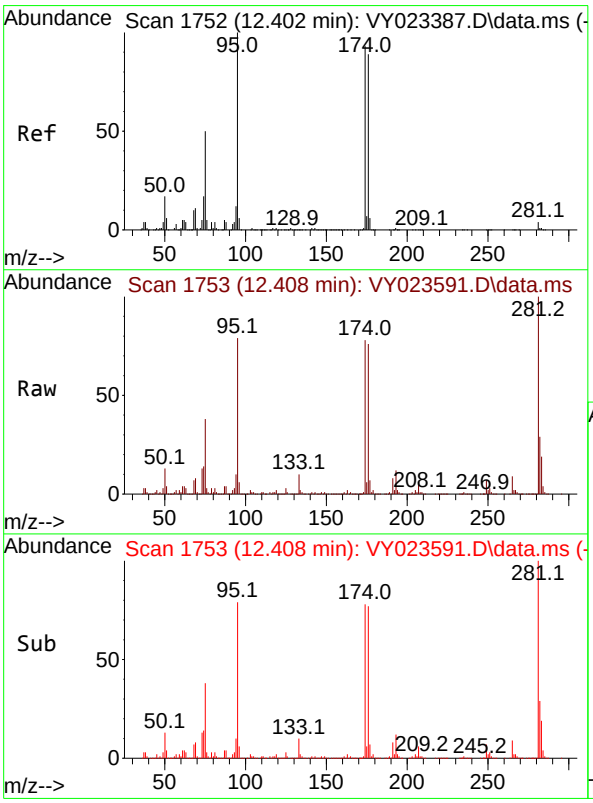
#50
Toluene-d8
Concen: 49.108 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Tgt Ion: 98 Resp: 1353397

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

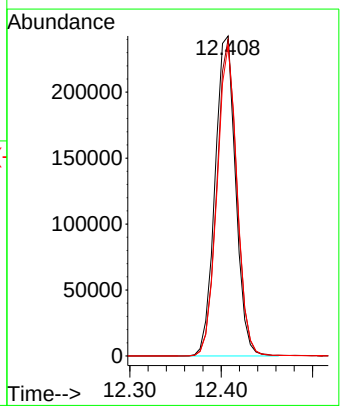


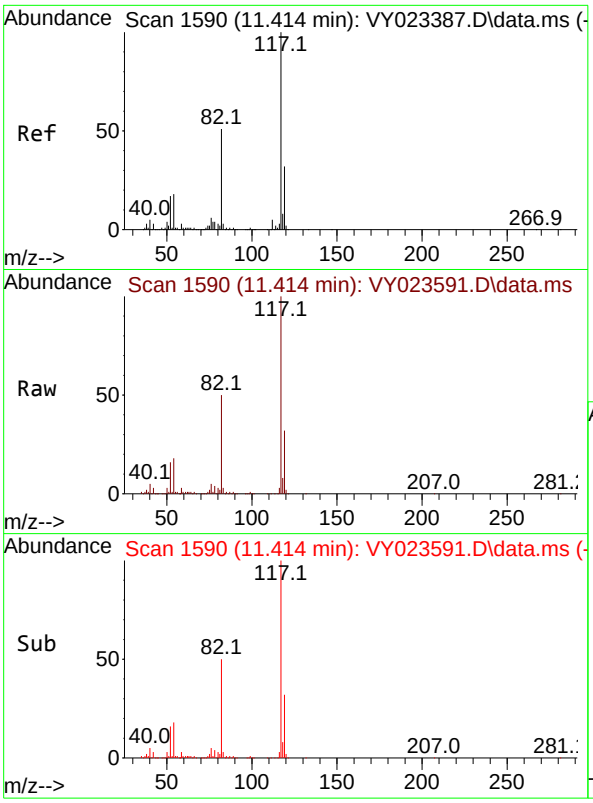


#62
4-Bromofluorobenzene
Concen: 41.713 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Tgt Ion: 95 Resp: 379541

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	192.8
176	94.5	0.0	187.6



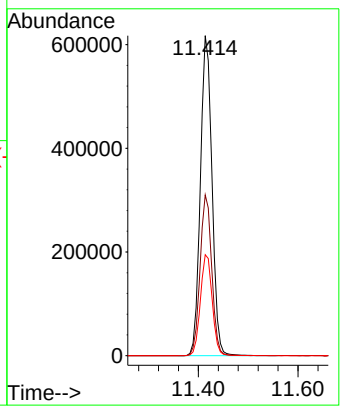


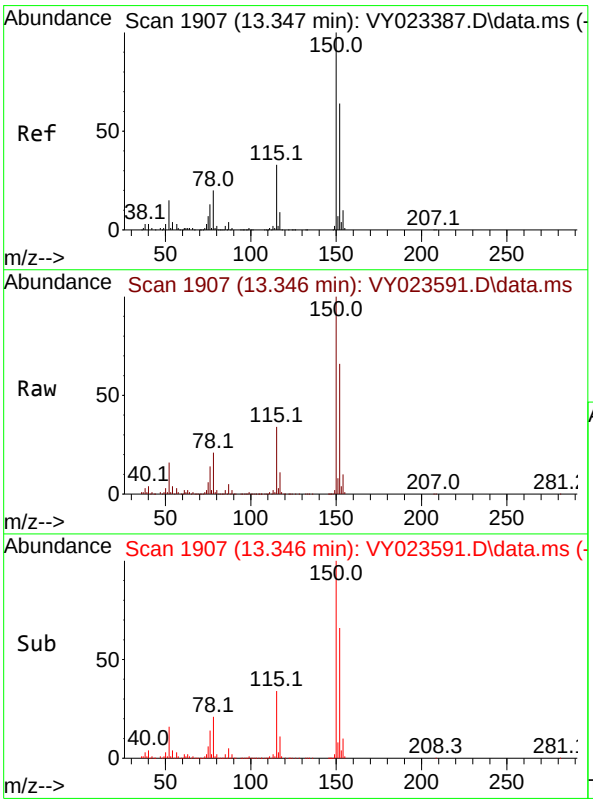
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

Tgt Ion:117 Resp: 997355

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	31.6	25.6	38.4

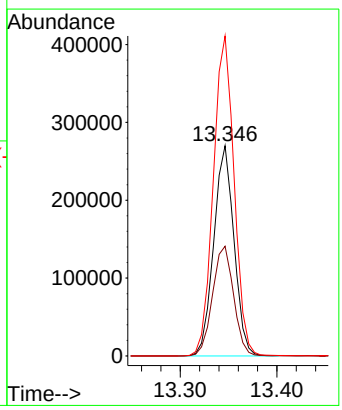




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023591.D
Acq: 27 Oct 2025 12:07

Tgt Ion:152 Resp: 392869

Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.2
150	156.2	0.0	347.4



Sample Results: **VY023591.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

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: VY023591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.616	466	475	485	rBV3	16154	50581	1.20%	0.257%
2	7.634	958	970	976	rBV	518389	1253343	29.84%	6.379%
3	7.713	976	983	995	rVB	864392	1980151	47.14%	10.078%
4	8.061	1029	1040	1054	rBV	408593	918137	21.86%	4.673%
5	8.616	1122	1131	1144	rBV	1336385	2596981	61.83%	13.217%
6	10.109	1367	1376	1392	rBV	2007200	3444461	82.00%	17.530%
7	11.414	1583	1590	1602	rBV	1745625	2833593	67.46%	14.421%
8	12.414	1743	1754	1765	rBV2	2226748	4200421	100.00%	21.377%
9	13.346	1891	1907	1916	rBV	1454640	2268717	54.01%	11.546%
10	13.883	1989	1995	2002	rBV2	63816	102468	2.44%	0.521%

Sum of corrected areas: 19648853

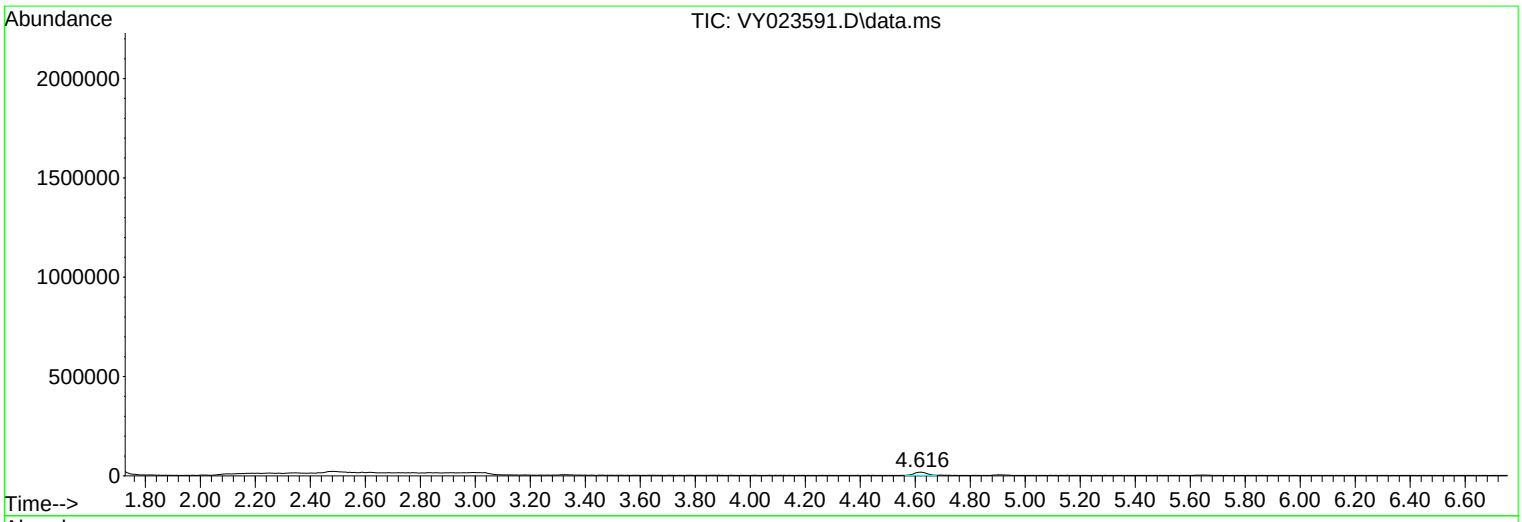
Sample Results: **VY023591.D**

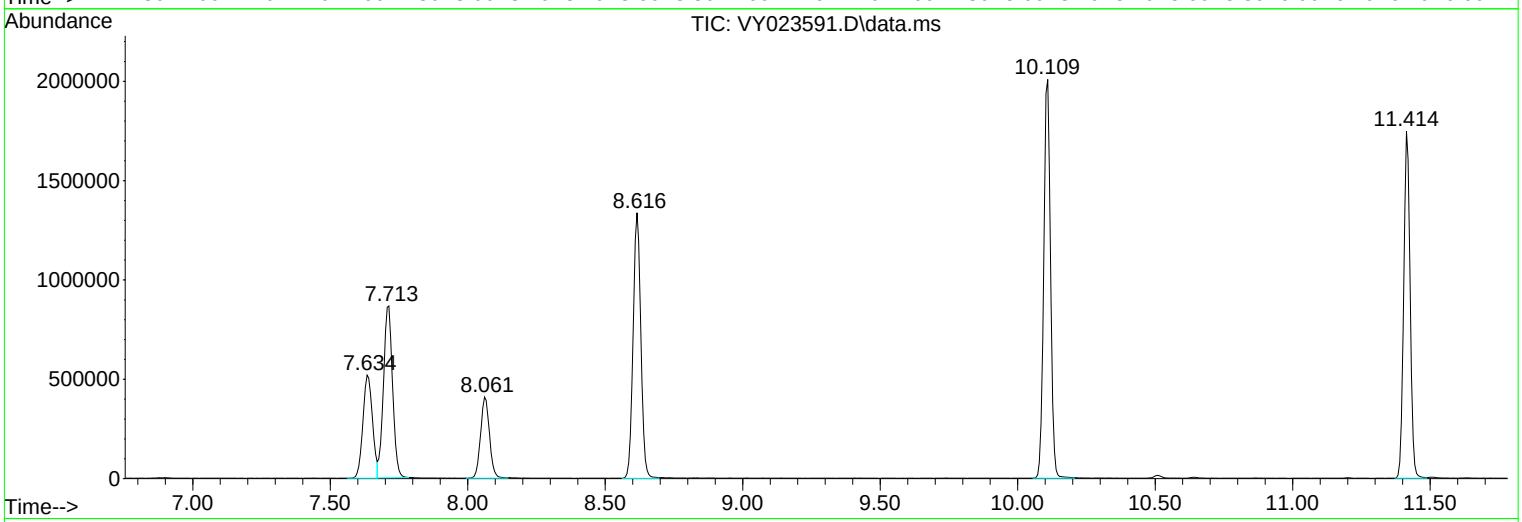
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

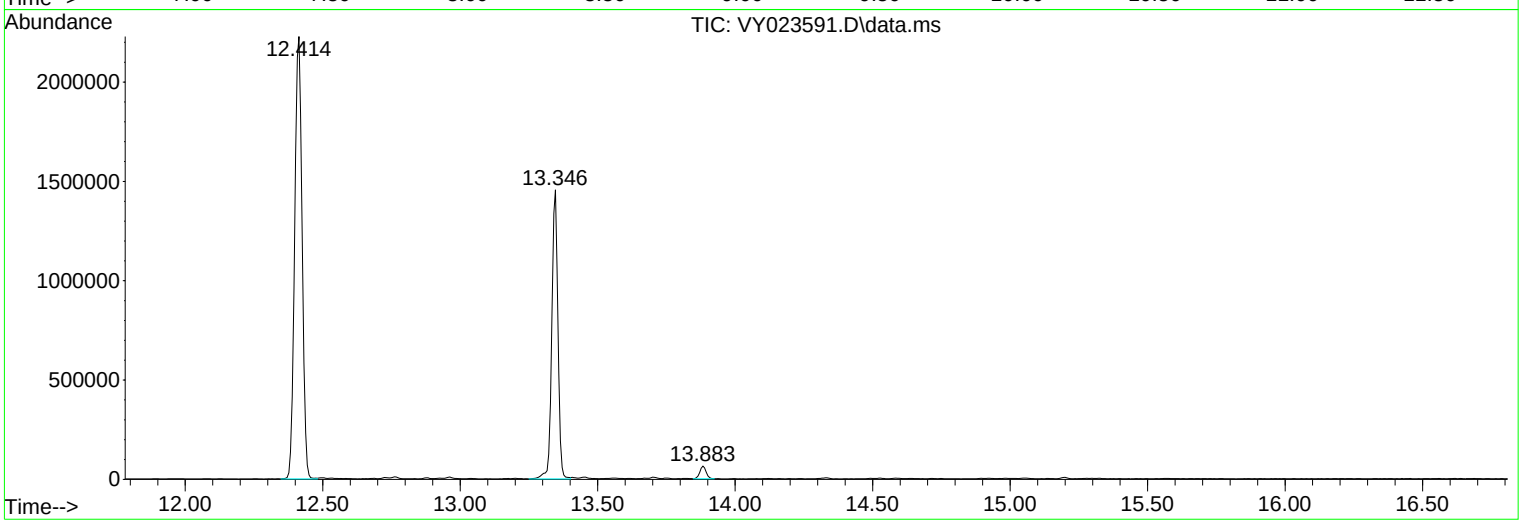
Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

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: **VY023591.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

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\VY102725\
Data File : VY023591.D
Acq On : 27 Oct 2025 12:07
Operator : SY/MD
Sample : Q3466-01
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B8-0.5-1.0-20251023

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

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_Y\Data\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Quant Time: Oct 28 04:39:03 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

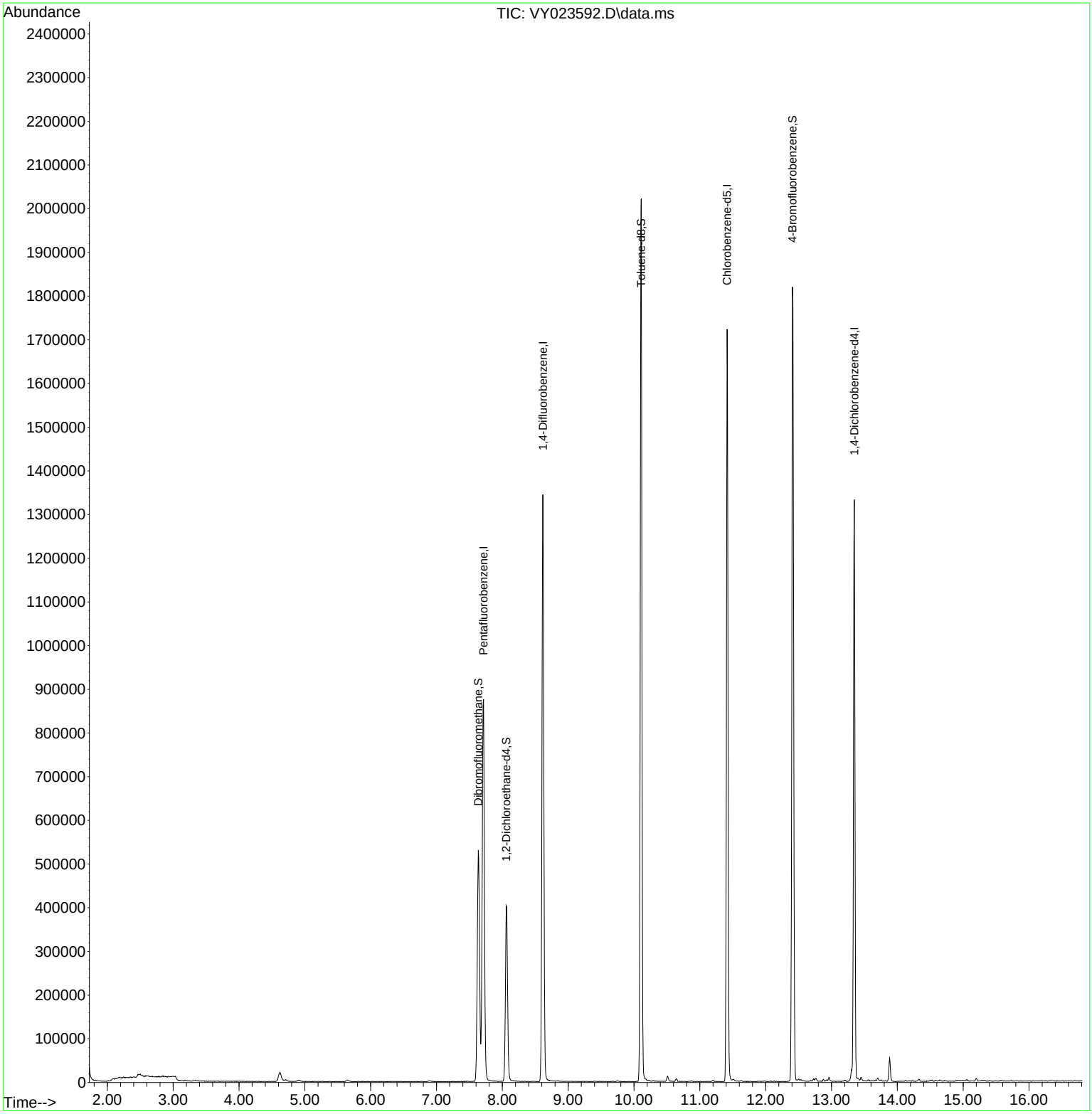
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	745194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1231218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	979970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	361763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	314555	50.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.634	113	380851	50.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.680%			
50) Toluene-d8	10.109	98	1364092	48.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.840%			
62) 4-Bromofluorobenzene	12.408	95	359173	38.614	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.220%			
Target Compounds						Qvalue

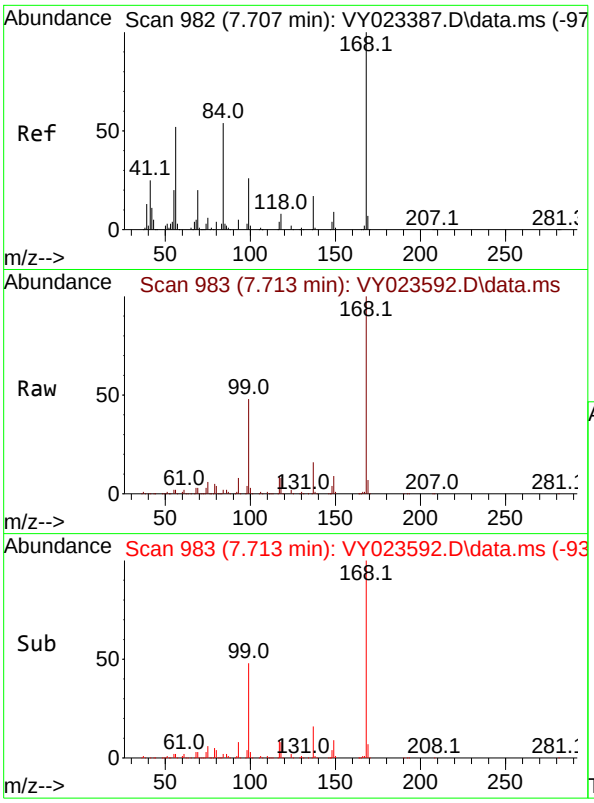
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Quant Time: Oct 28 04:39:03 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



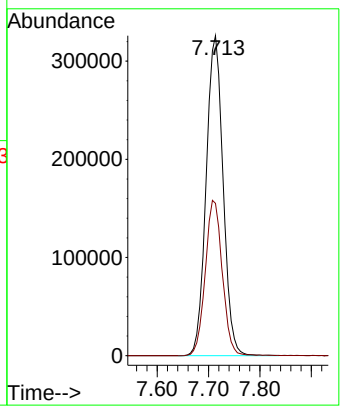


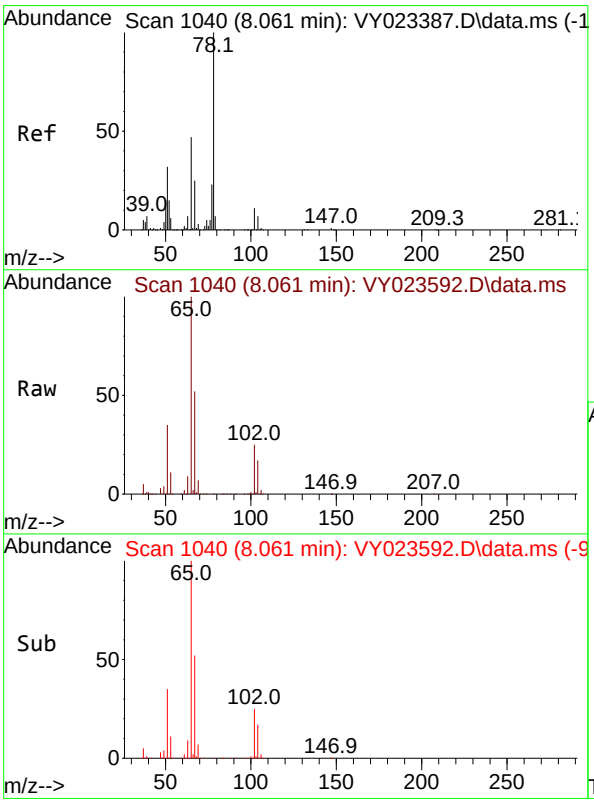
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Tgt Ion:168 Resp: 745194

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.7	59.5

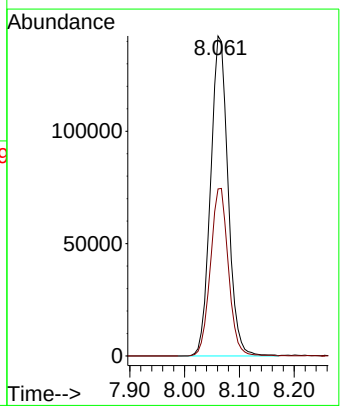


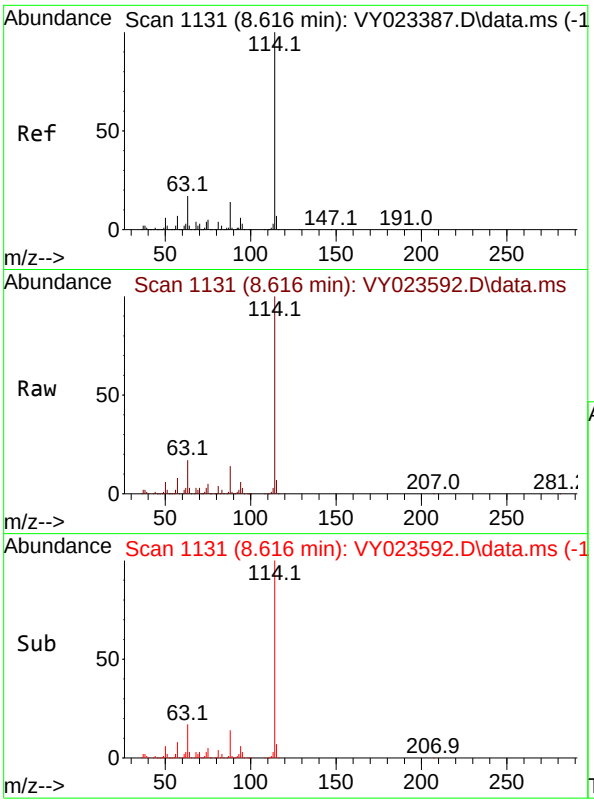


#33
1,2-Dichloroethane-d4
Concen: 50.479 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Tgt Ion: 65 Resp: 314555

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.8



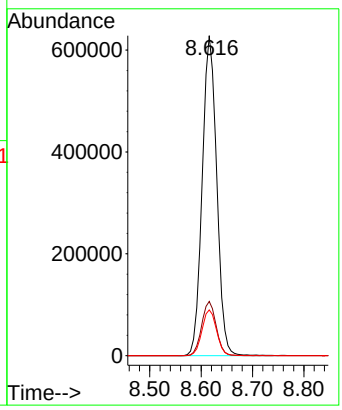


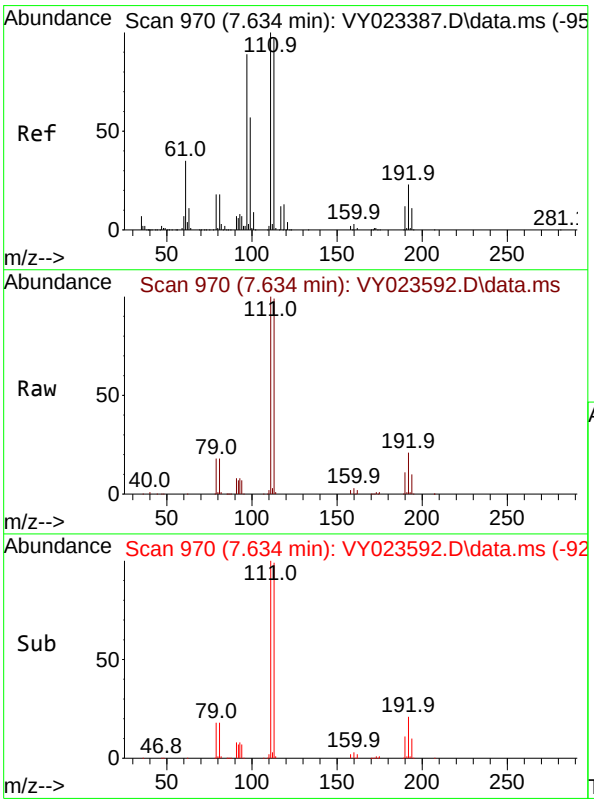
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Tgt Ion:114 Resp: 1231218

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	14.3	0.0	28.4

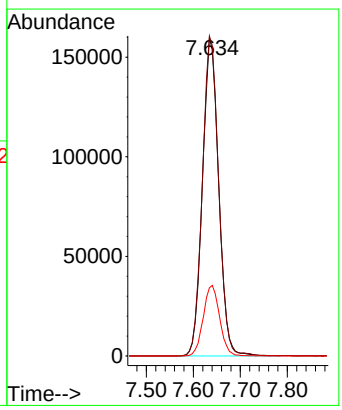


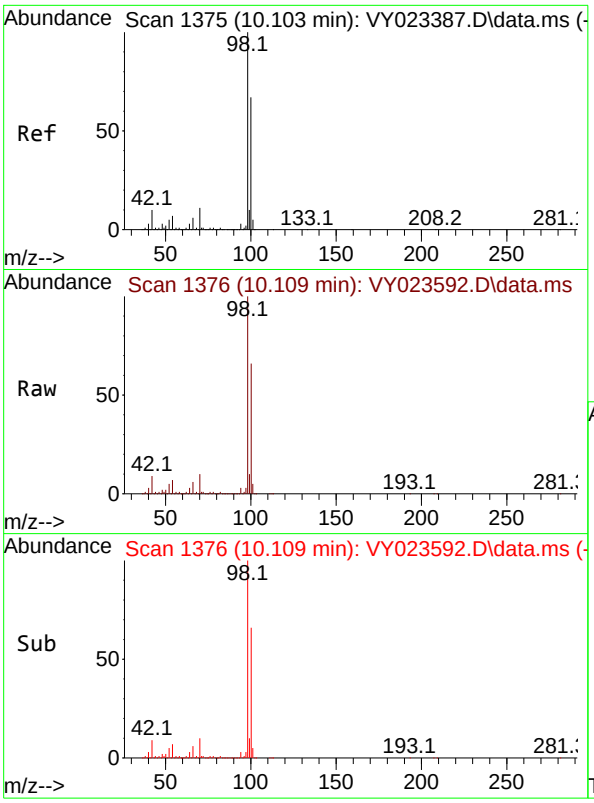


#35
Dibromofluoromethane
Concen: 50.342 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Tgt Ion:113 Resp: 380851

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.5	18.0	27.0



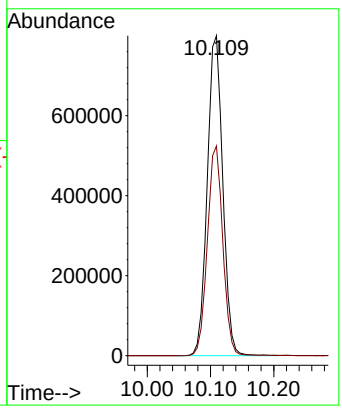


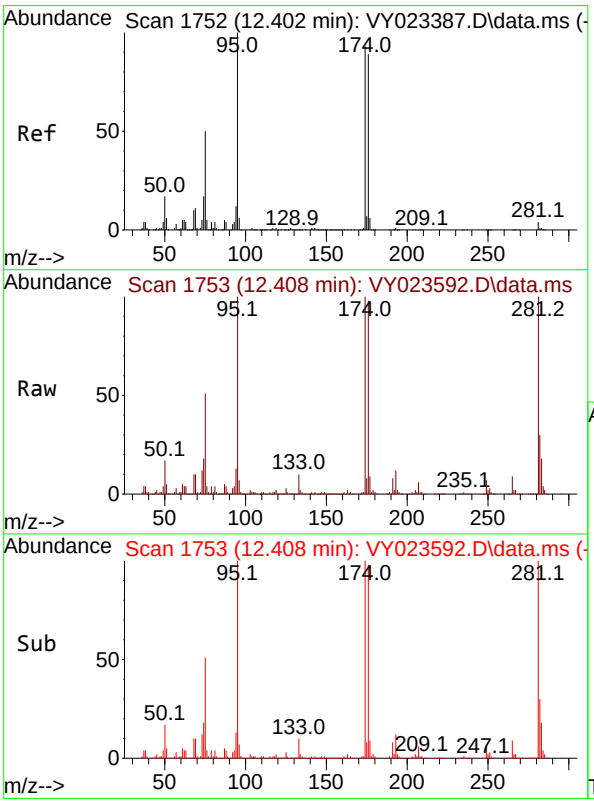
#50
Toluene-d8
Concen: 48.417 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Tgt Ion: 98 Resp: 1364092

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

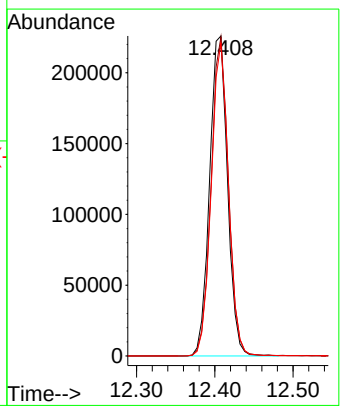


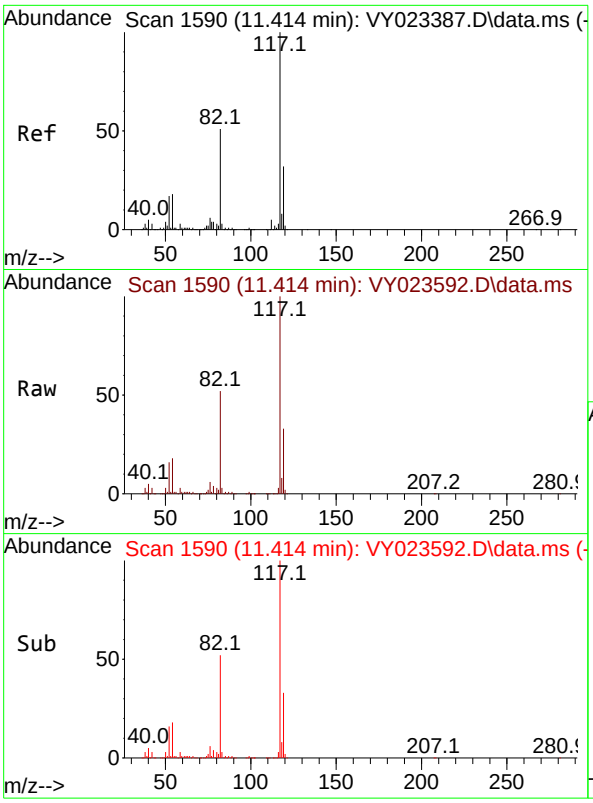


#62
4-Bromofluorobenzene
Concen: 38.614 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Tgt Ion: 95 Resp: 359173

Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	192.8
176	94.2	0.0	187.6



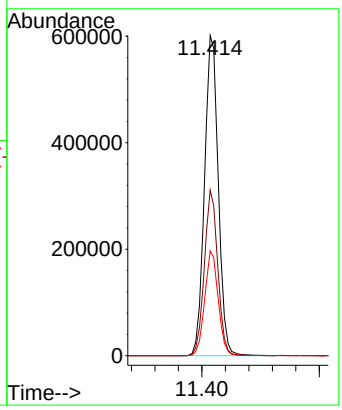


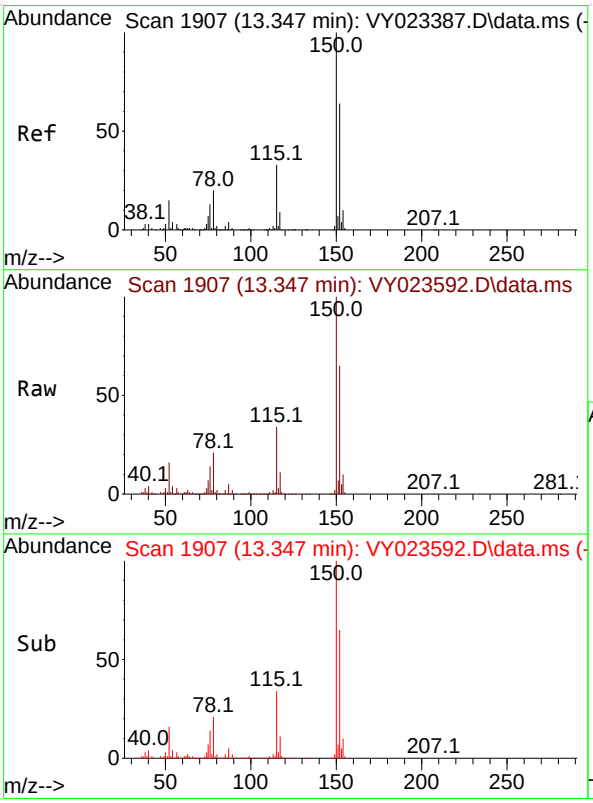
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

Tgt Ion:117 Resp: 979970

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.0	61.4
119	32.7	25.6	38.4

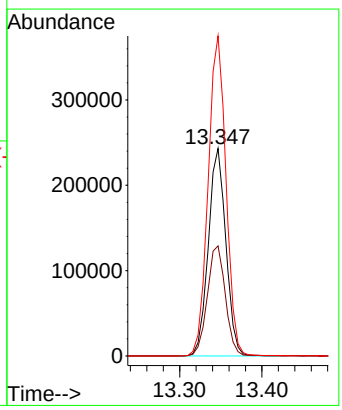




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023592.D
Acq: 27 Oct 2025 12:30

Tgt Ion:152 Resp: 361763

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.2
150	156.6	0.0	347.4



Sample Results: **VY023592.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

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: VY023592.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.623	465	476	486	rBV2	21206	69246	1.98%	0.368%
2	7.634	960	970	976	rBV	529717	1258826	35.91%	6.688%
3	7.713	976	983	1001	rVB	873899	2030660	57.92%	10.789%
4	8.061	1031	1040	1055	rBV	401038	899358	25.65%	4.778%
5	8.616	1122	1131	1144	rBV	1343243	2653234	75.68%	14.097%
6	10.109	1367	1376	1389	rBV	2020262	3474166	99.10%	18.459%
7	11.414	1581	1590	1601	rBV	1722005	2785886	79.46%	14.802%
8	12.408	1745	1753	1764	rBV2	1817312	3505833	100.00%	18.627%
9	13.304	1891	1900	1901	rBV	27281	37474	1.07%	0.199%
10	13.347	1901	1907	1914	rVB	1325797	2021193	57.65%	10.739%
11	13.883	1988	1995	2002	rBV	52595	85523	2.44%	0.454%

Sum of corrected areas: 18821399

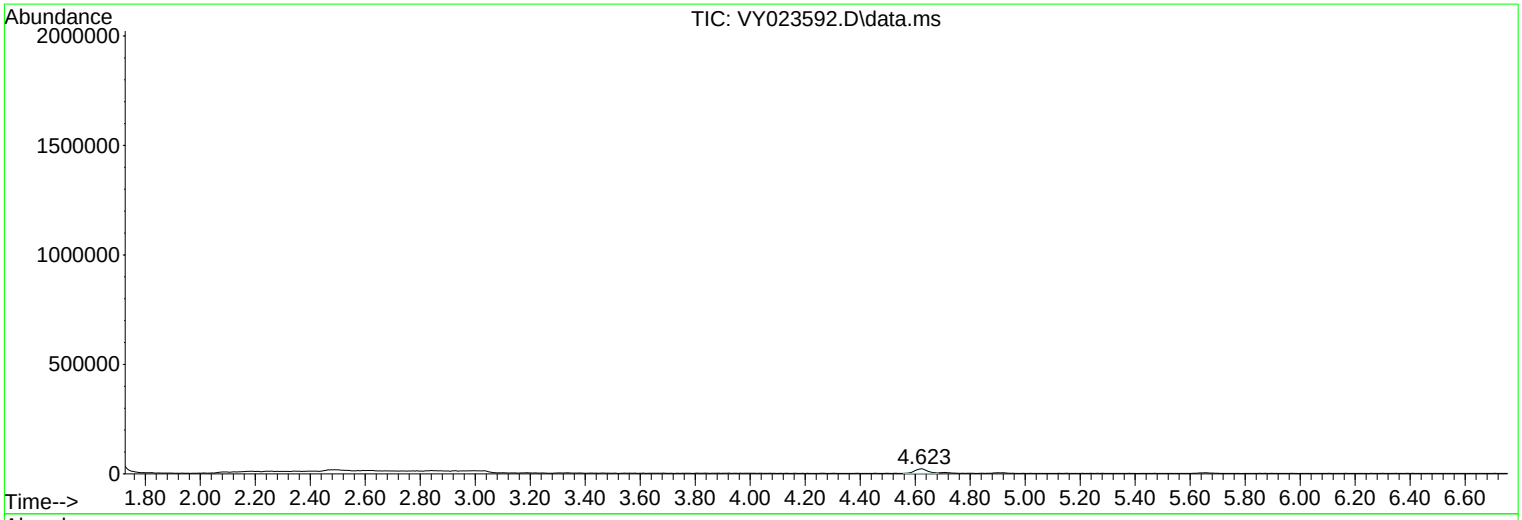
Sample Results: **VY023592.D**

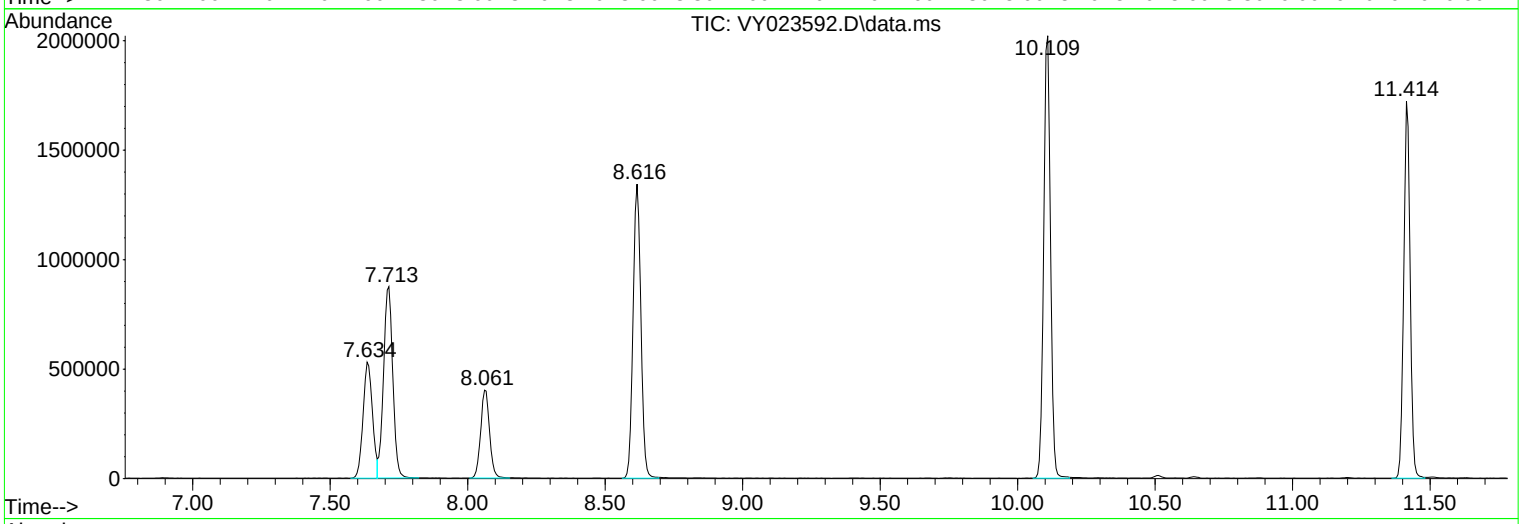
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

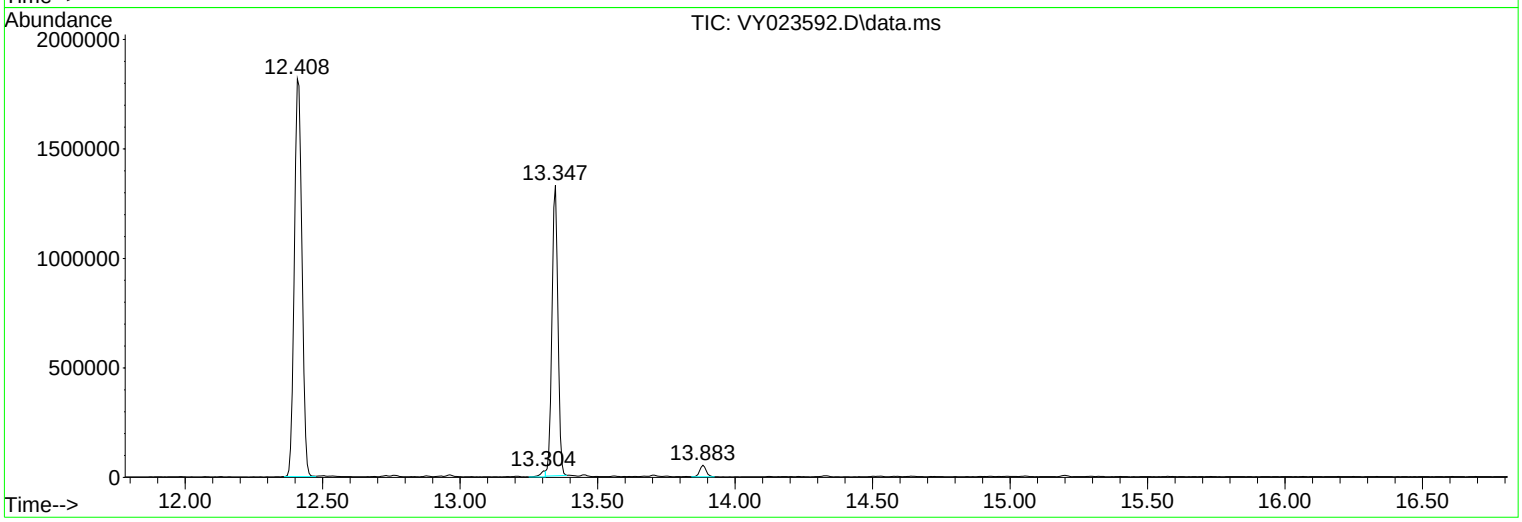
Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

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: **VY023592.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

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\VY102725\
Data File : VY023592.D
Acq On : 27 Oct 2025 12:30
Operator : SY/MD
Sample : Q3466-04
Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B9-0.5-1.0-20251023

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

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_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Quant Time: Oct 28 04:39:21 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	731194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1218761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	996988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	398135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	310742	50.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.640%			
35) Dibromofluoromethane	7.634	113	371668	49.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.260%			
50) Toluene-d8	10.109	98	1366327	48.992	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.980%			
62) 4-Bromofluorobenzene	12.408	95	381673	41.453	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.900%			

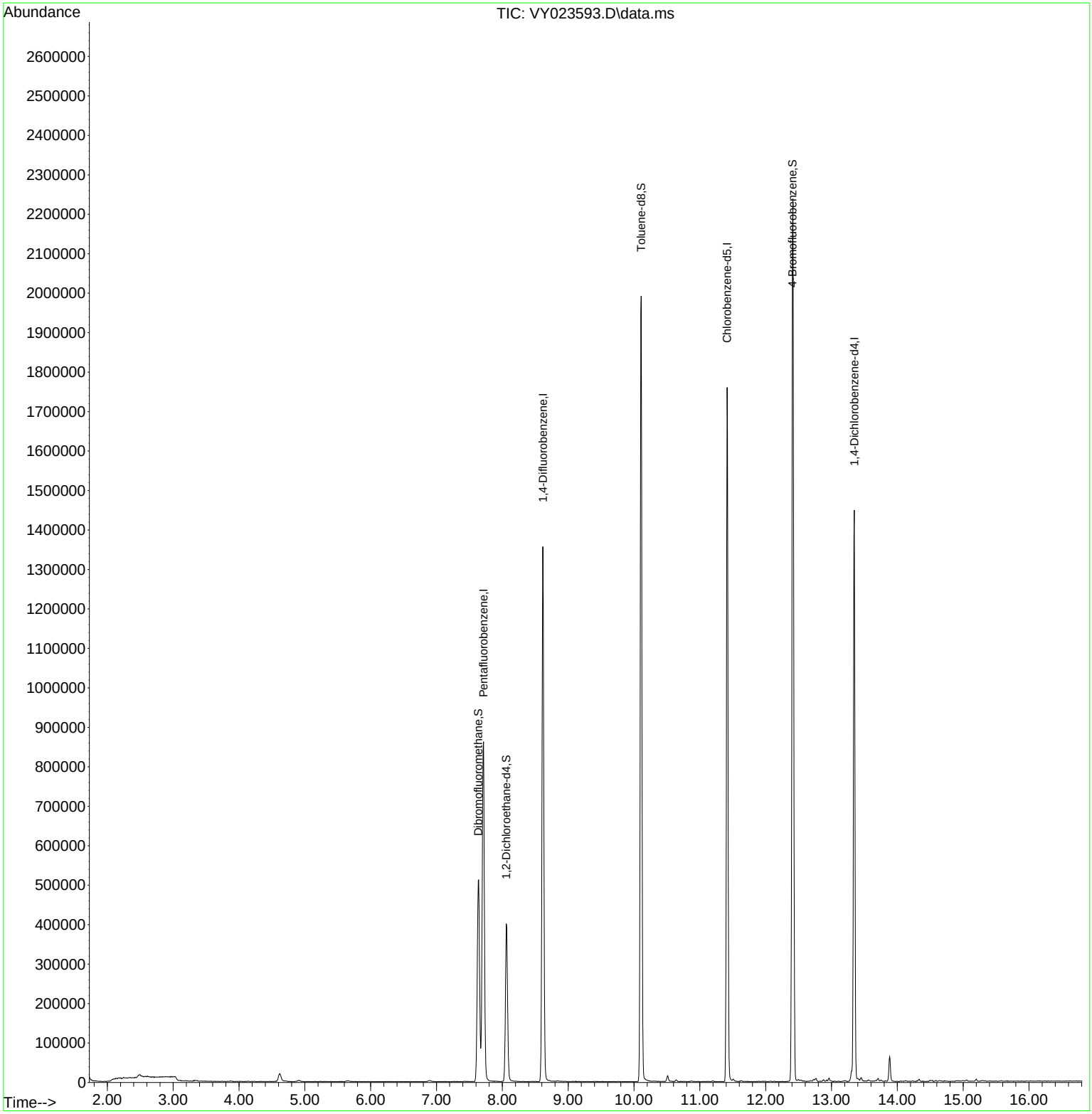
Target Compounds Qvalue

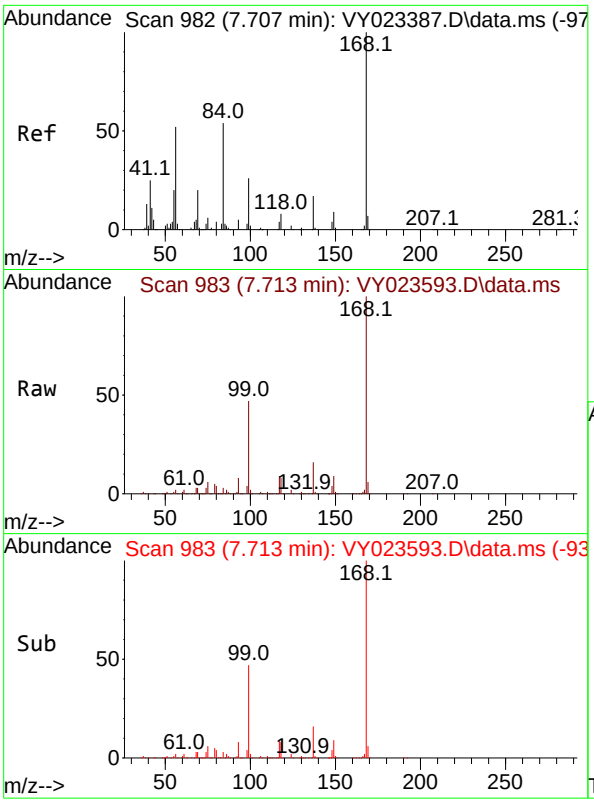
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Quant Time: Oct 28 04:39:21 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



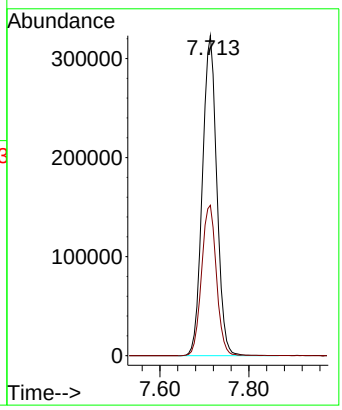


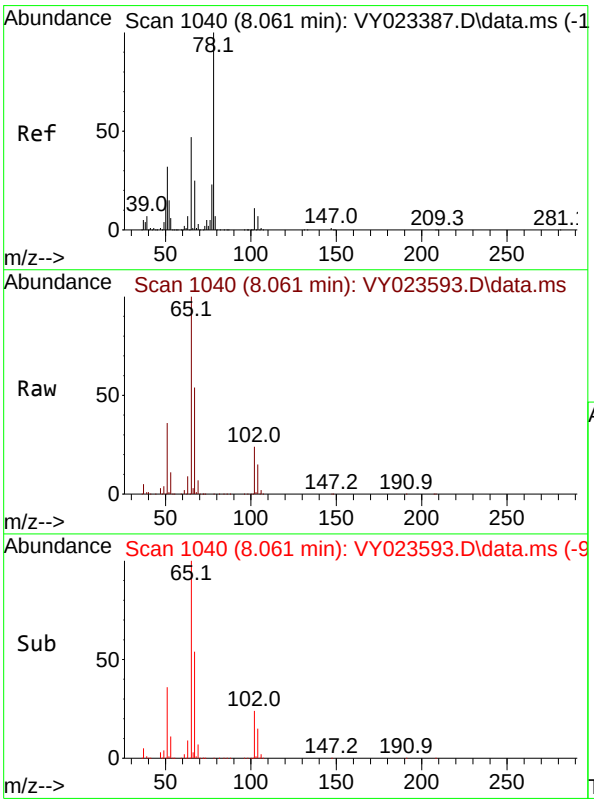
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Tgt Ion:168 Resp: 731194

Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.7	59.5

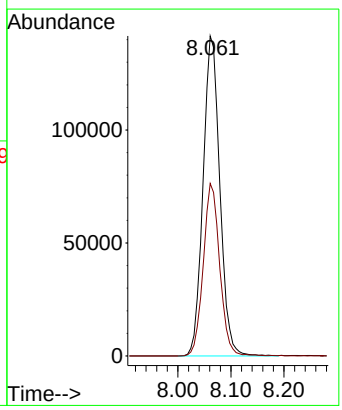


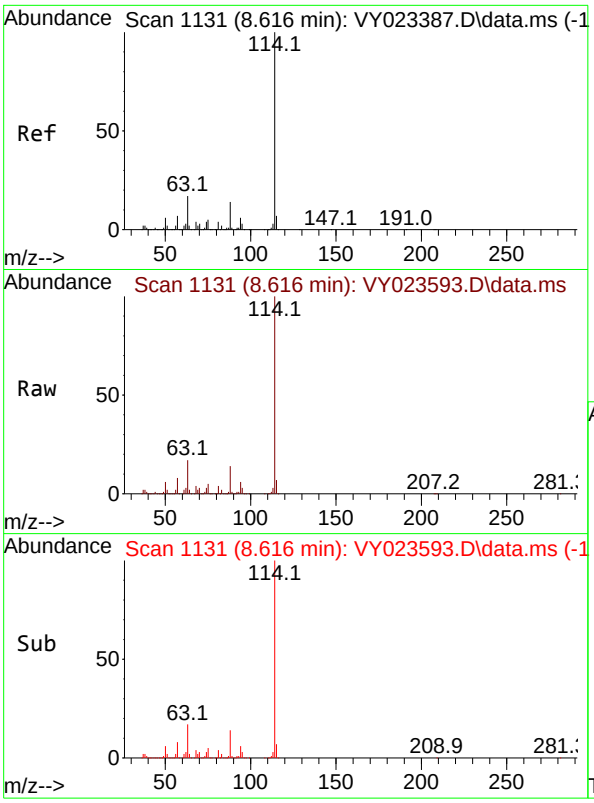


#33
1,2-Dichloroethane-d4
Concen: 50.822 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Tgt Ion: 65 Resp: 310742

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



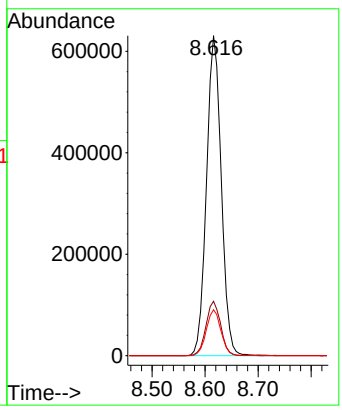


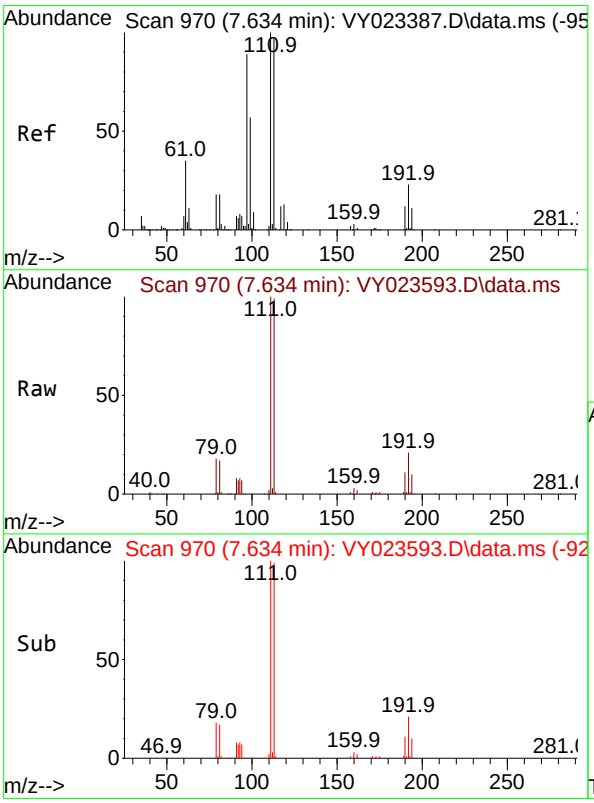
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Tgt Ion:114 Resp: 1218761

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	14.4	0.0	28.4

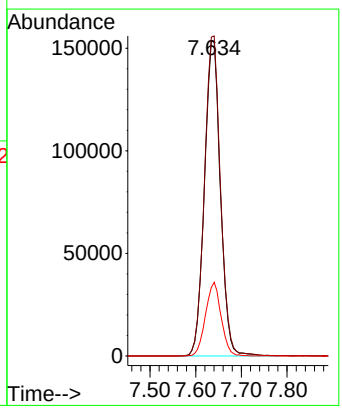


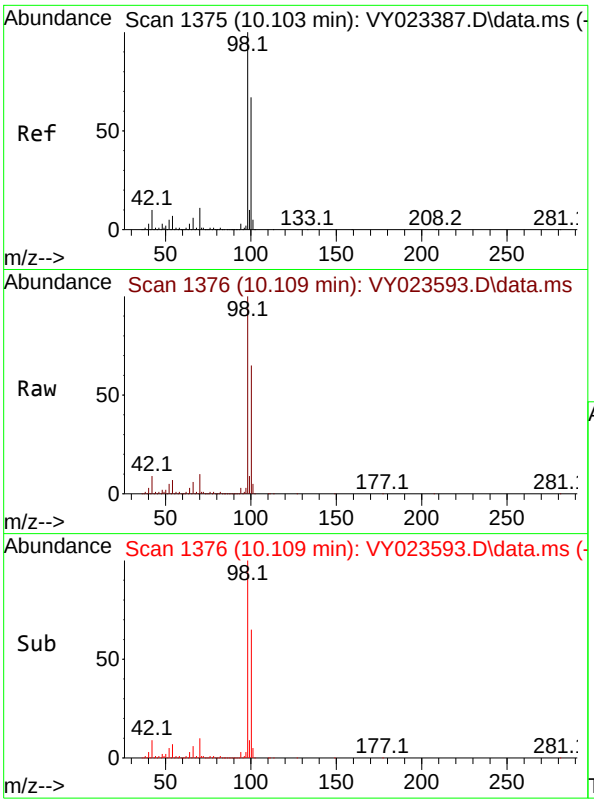


#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Tgt Ion:113 Resp: 371668

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.9	18.0	27.0



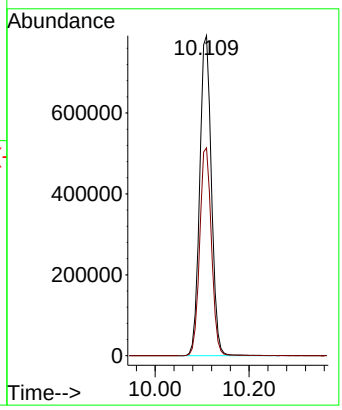


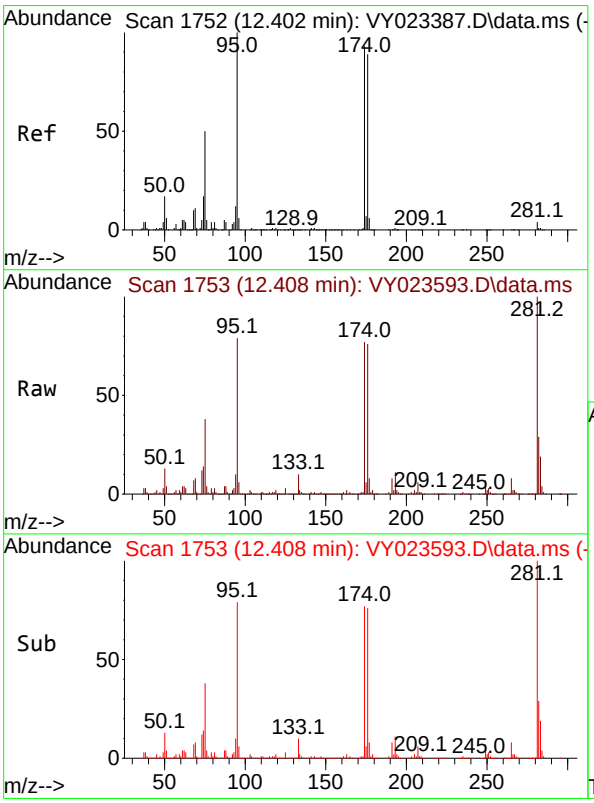
#50
Toluene-d8
Concen: 48.992 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Tgt Ion: 98 Resp: 1366327

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

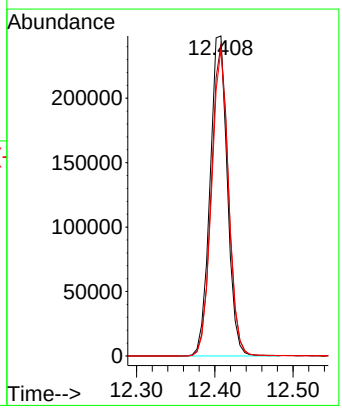


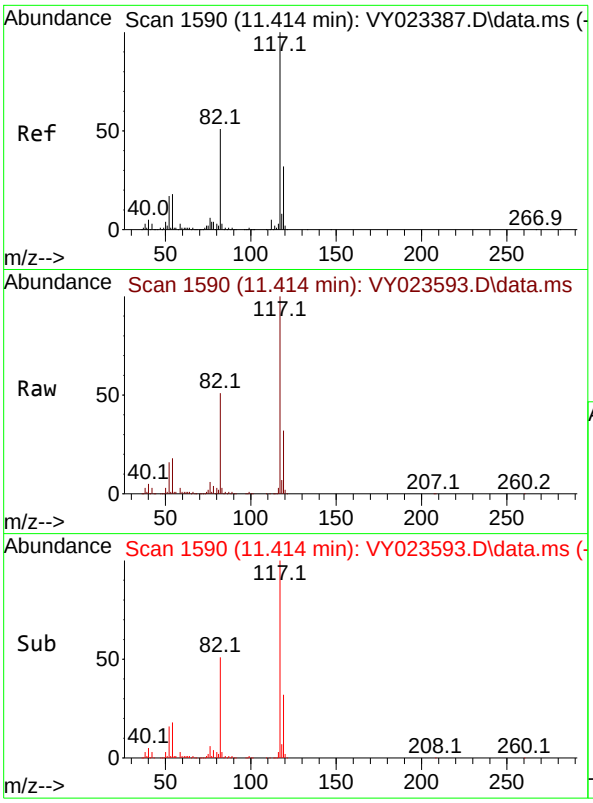


#62
4-Bromofluorobenzene
Concen: 41.453 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Tgt Ion: 95 Resp: 381673

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	192.8
176	93.9	0.0	187.6



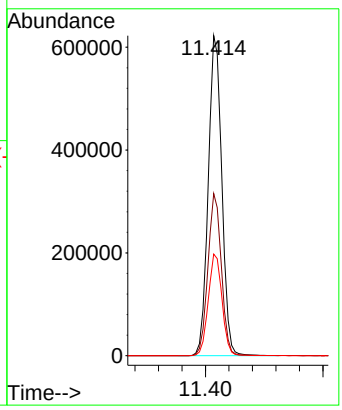


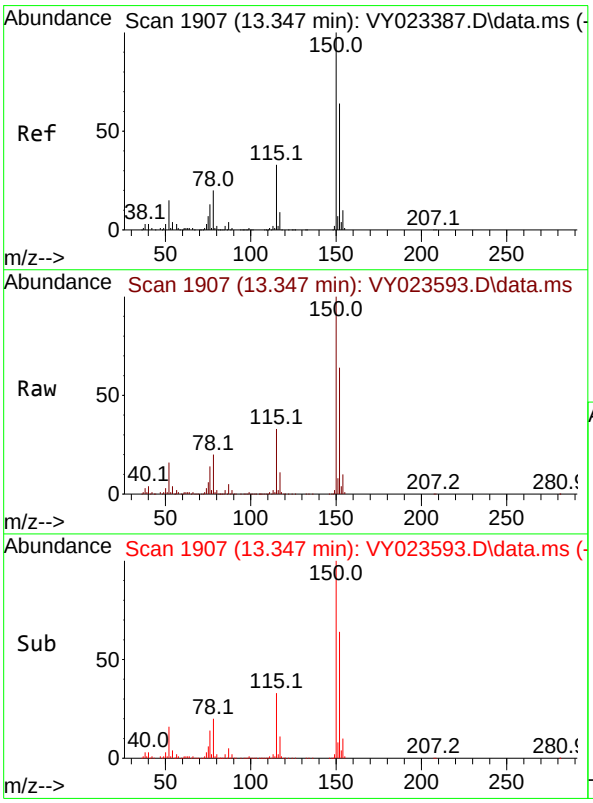
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

Tgt Ion:117 Resp: 996988

Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.4
119	31.8	25.6	38.4

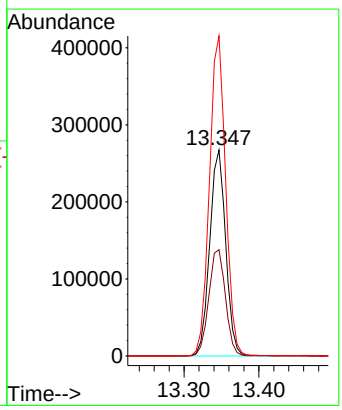




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023593.D
Acq: 27 Oct 2025 12:54

Tgt Ion:152 Resp: 398135

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	157.4	0.0	347.4



Sample Results: **VY023593.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

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: VY023593.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.616	466	475	486	rBV3	19851	59664	1.42%	0.303%
2	7.640	959	971	976	rBV	511126	1236081	29.44%	6.273%
3	7.713	976	983	1000	rVB	860126	1993114	47.47%	10.115%
4	8.061	1027	1040	1061	rBV	399916	891933	21.24%	4.526%
5	8.616	1121	1131	1146	rBV	1355473	2623029	62.47%	13.311%
6	10.109	1366	1376	1393	rBV	1990724	3479962	82.88%	17.660%
7	11.414	1583	1590	1602	rBV	1758726	2835412	67.53%	14.389%
8	12.414	1742	1754	1764	rBV2	2236507	4198765	100.00%	21.308%
9	13.347	1893	1907	1914	rBV	1447792	2278221	54.26%	11.561%
10	13.883	1989	1995	2010	rVB2	62709	109171	2.60%	0.554%

Sum of corrected areas: 19705352

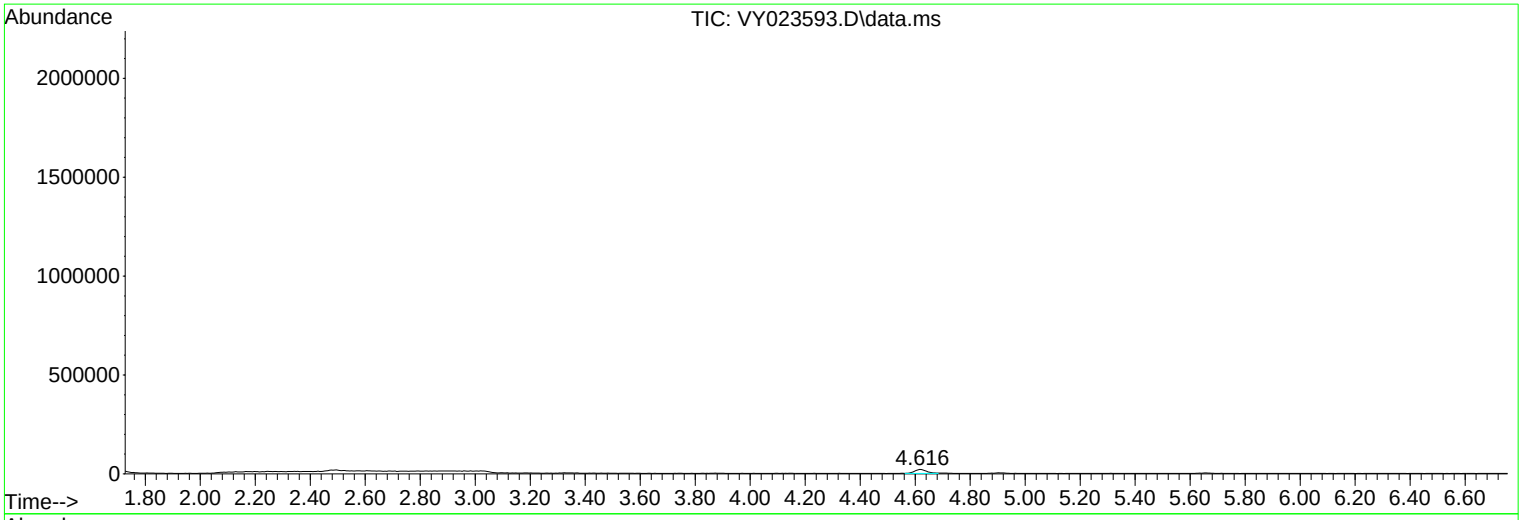
Sample Results: **VY023593.D**

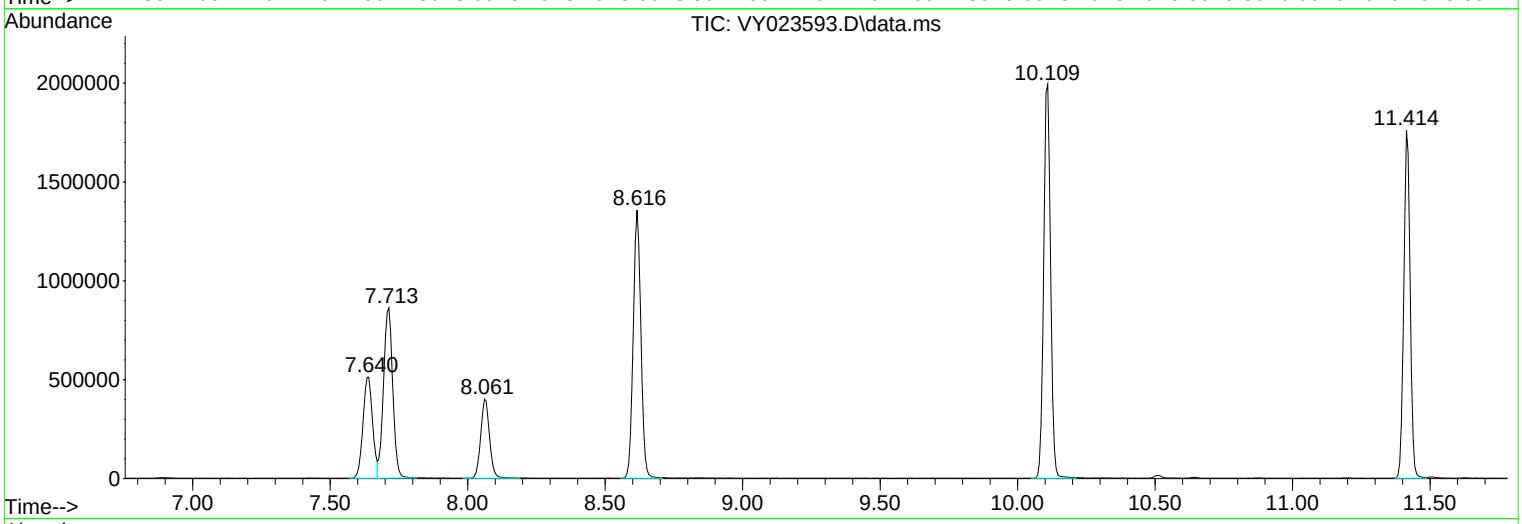
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

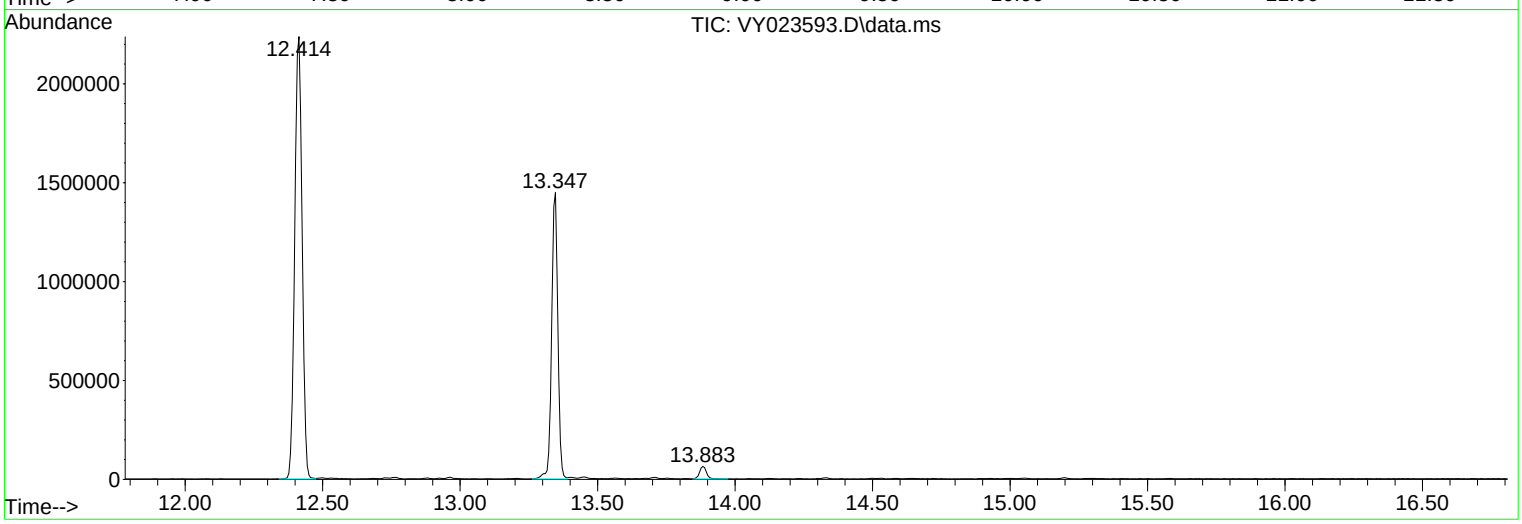
Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

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: **VY023593.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023593.D
Acq On : 27 Oct 2025 12:54
Operator : SY/MD
Sample : Q3466-06
Misc : 4.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B7-1.5-2.0-20251023

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_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Quant Time: Oct 28 04:35:42 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	818713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1317250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1075350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	410194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333438	48.704	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.400%			
35) Dibromofluoromethane	7.634	113	401609	49.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.240%			
50) Toluene-d8	10.109	98	1460587	48.456	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.408	95	395111	39.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.400%			

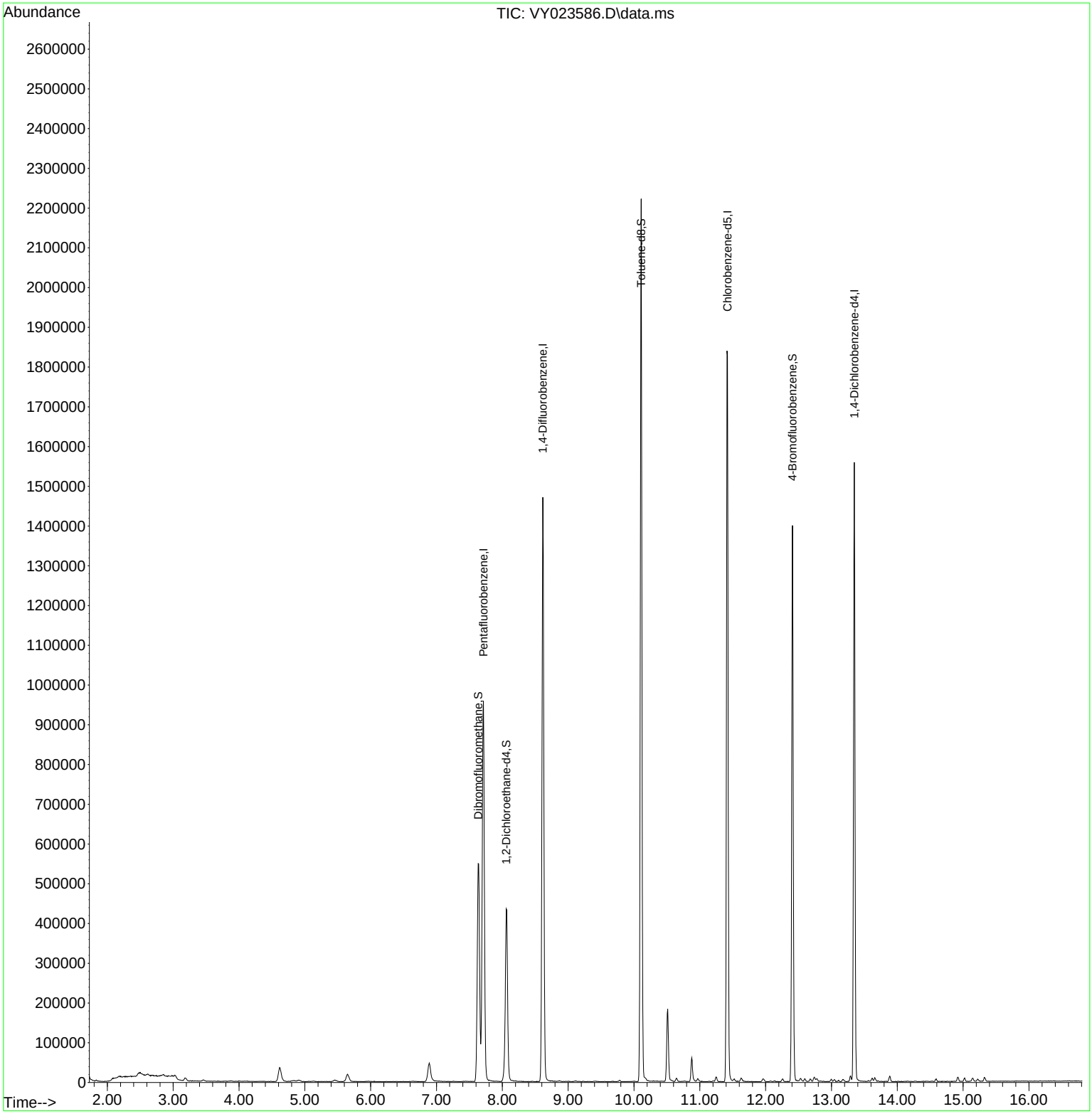
Target Compounds Qvalue

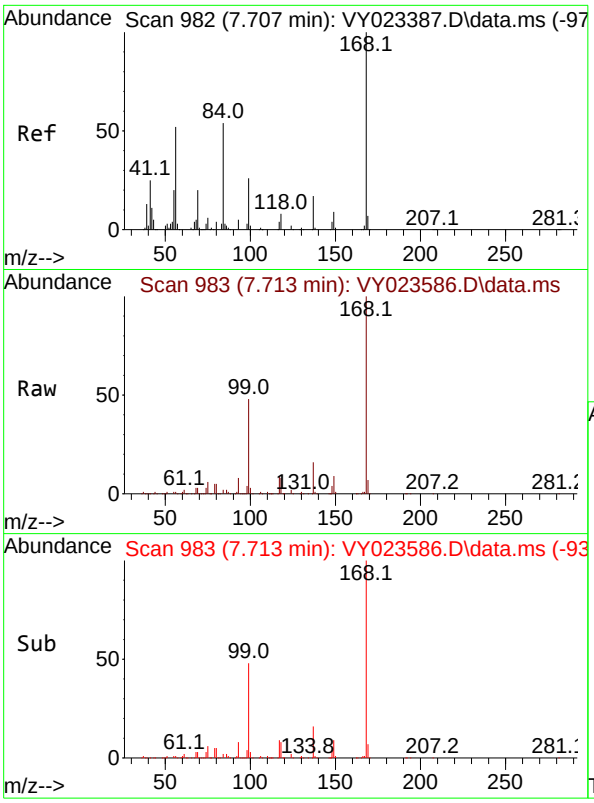
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Quant Time: Oct 28 04:35:42 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



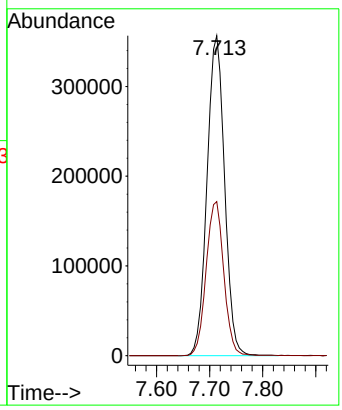


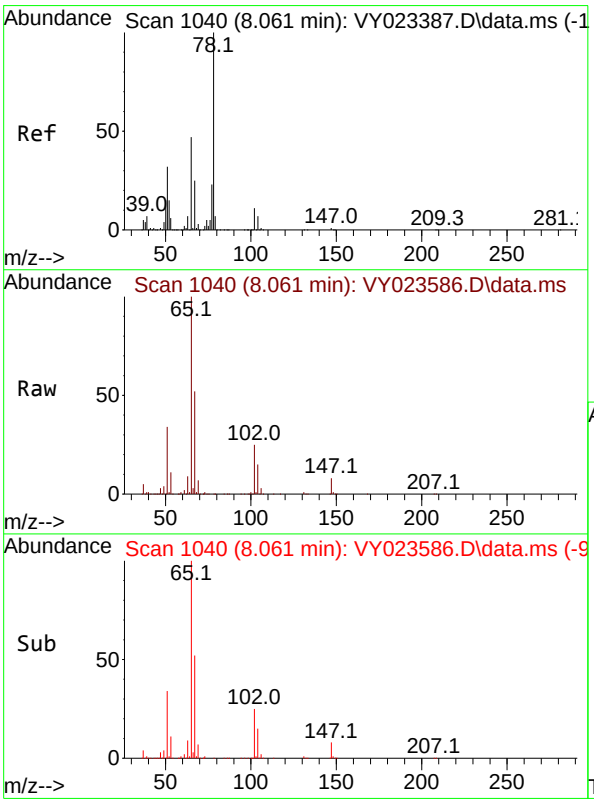
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Tgt Ion:168 Resp: 818713

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.7	59.5

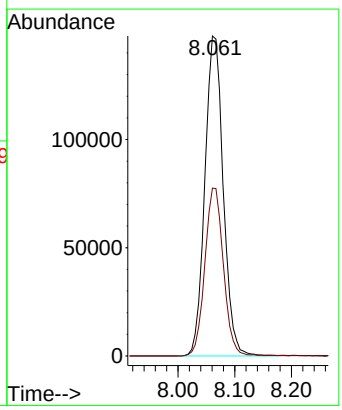


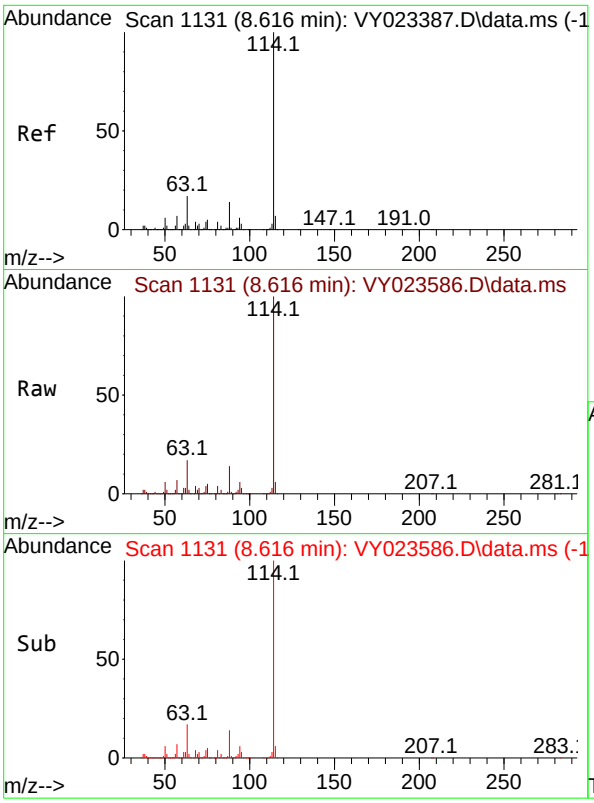


#33
1,2-Dichloroethane-d4
Concen: 48.704 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Tgt Ion: 65 Resp: 333438

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



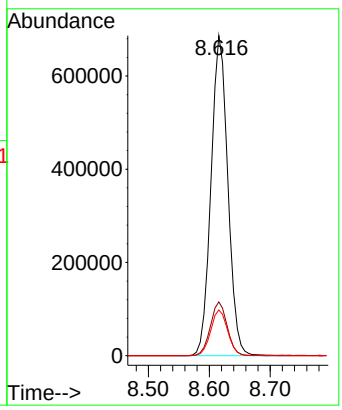


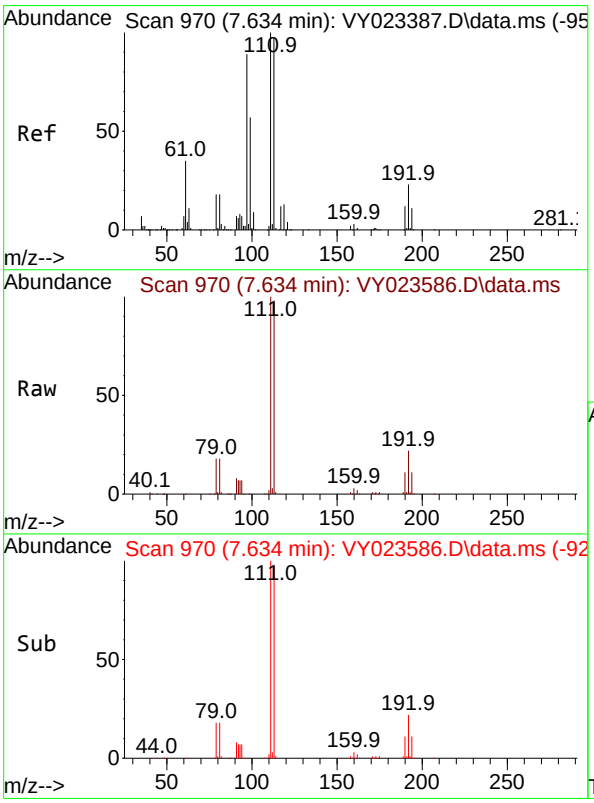
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Tgt Ion:114 Resp: 1317250

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.2
88	14.3	0.0	28.4

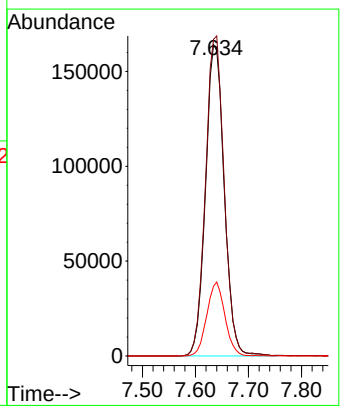


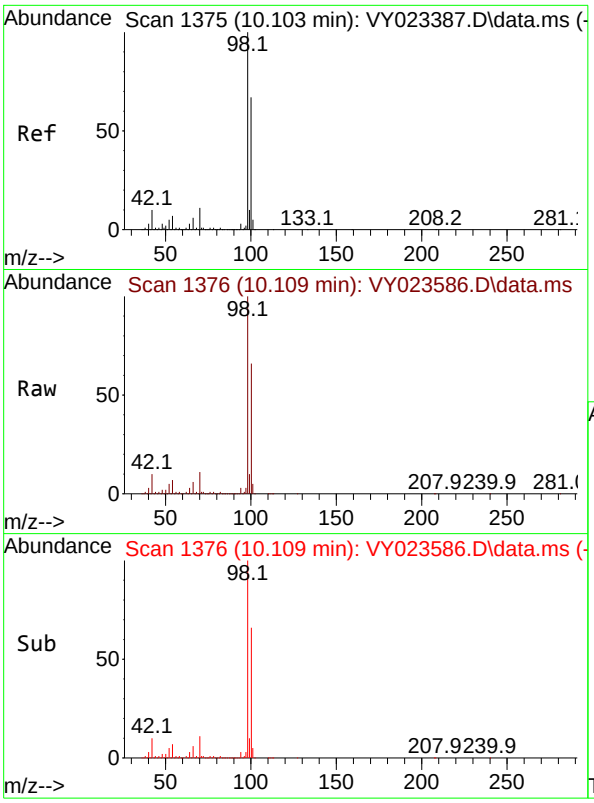


#35
Dibromofluoromethane
Concen: 49.619 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Tgt Ion:113 Resp: 401609

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	23.1	18.0	27.0



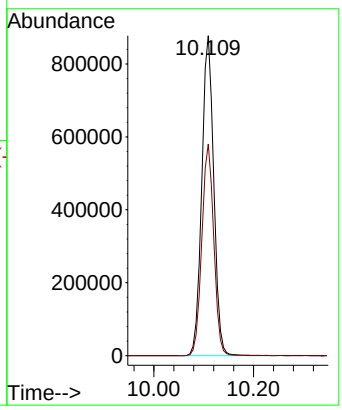


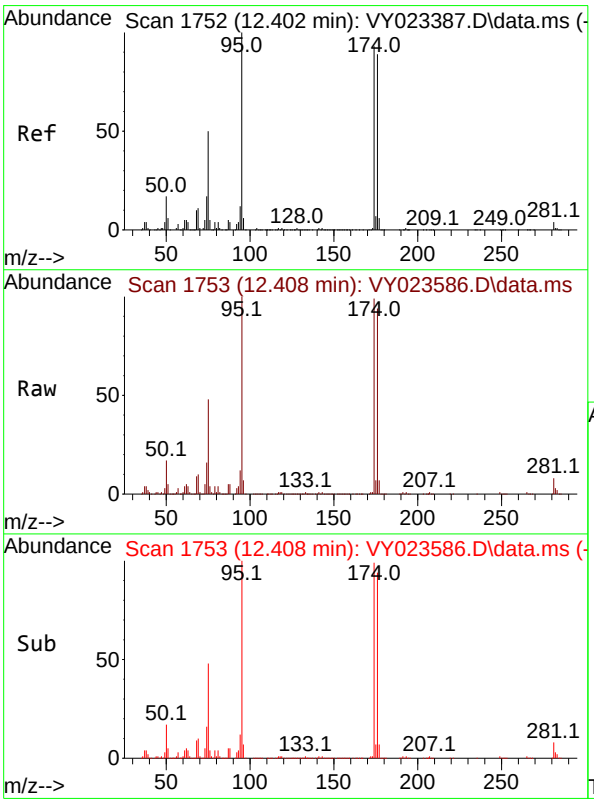
#50
Toluene-d8
Concen: 48.456 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Tgt Ion: 98 Resp: 1460587

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4

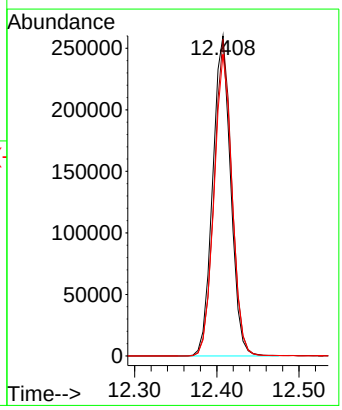


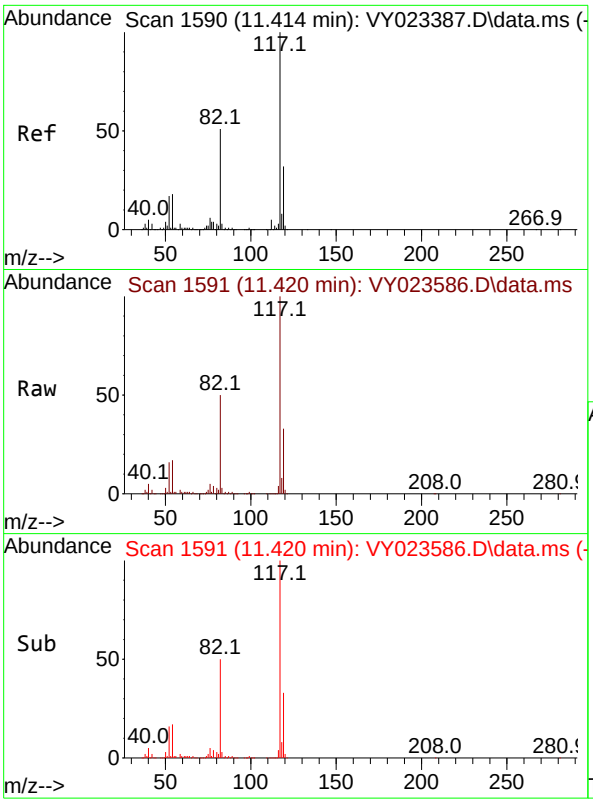


#62
4-Bromofluorobenzene
Concen: 39.704 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Tgt Ion: 95 Resp: 395111

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	192.8
176	94.4	0.0	187.6



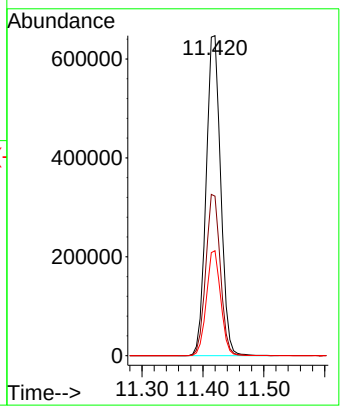


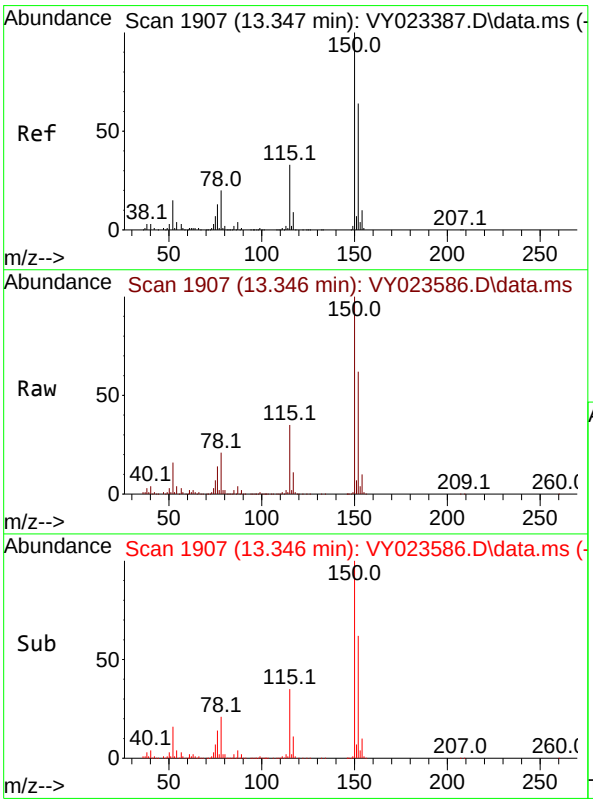
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

Tgt Ion:117 Resp: 1075350

Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.0	61.4
119	32.8	25.6	38.4

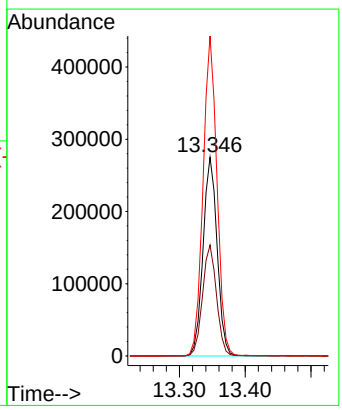




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023586.D
Acq: 27 Oct 2025 09:47

Tgt Ion:152 Resp: 410194

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.1	81.2
150	158.6	0.0	347.4



Sample Results: **VY023586.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

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: VY023586.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.616	463	475	489	rBV2	35421	114365	3.08%	0.585%
2	5.647	633	644	654	rBV2	18734	57451	1.55%	0.294%
3	6.890	835	848	861	rBV2	46803	149479	4.02%	0.764%
4	7.634	960	970	976	rBV	548545	1333691	35.87%	6.818%
5	7.713	976	983	996	rVB	955174	2214602	59.56%	11.322%
6	8.061	1028	1040	1060	rBV2	434088	1063419	28.60%	5.437%
7	8.616	1121	1131	1147	rBV	1470023	2831375	76.14%	14.475%
8	10.109	1367	1376	1384	rBV	2220869	3718460	100.00%	19.010%
9	10.512	1434	1442	1457	rVB	182009	344718	9.27%	1.762%
10	10.877	1496	1502	1512	rBV2	59628	105520	2.84%	0.539%
11	11.414	1582	1590	1603	rBV	1838487	3075354	82.71%	15.722%
12	12.408	1744	1753	1761	rBV2	1399307	2222007	59.76%	11.360%
13	13.346	1900	1907	1920	rVB	1555976	2329827	62.66%	11.911%

Sum of corrected areas: 19560268

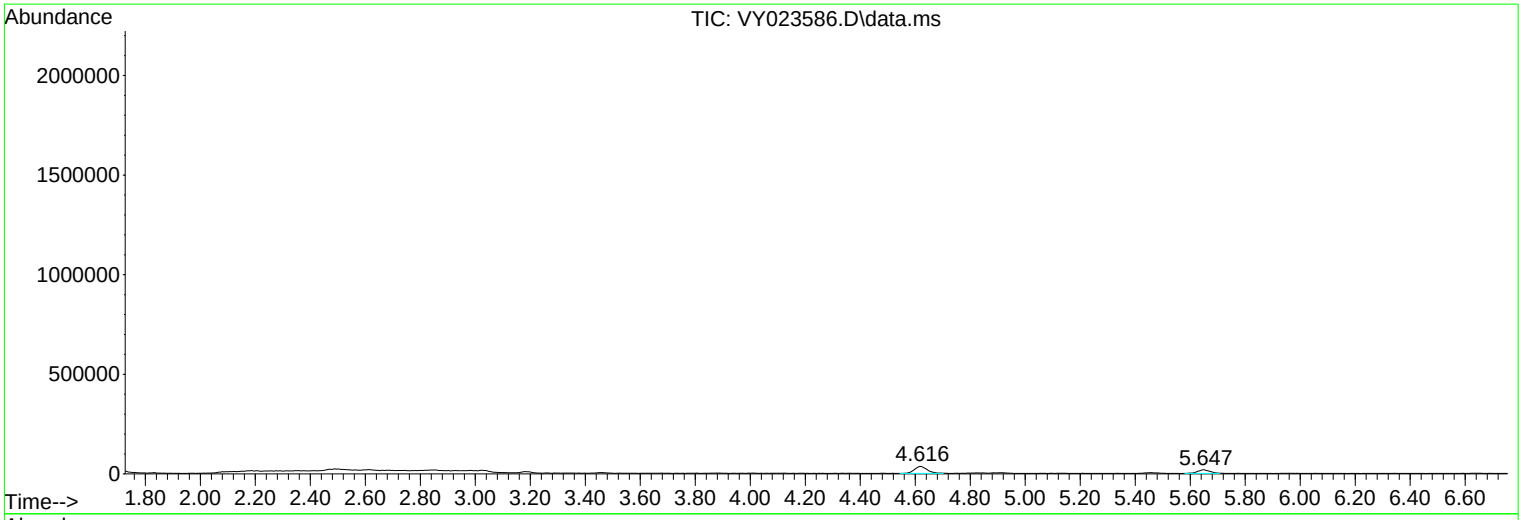
Sample Results: **VY023586.D**

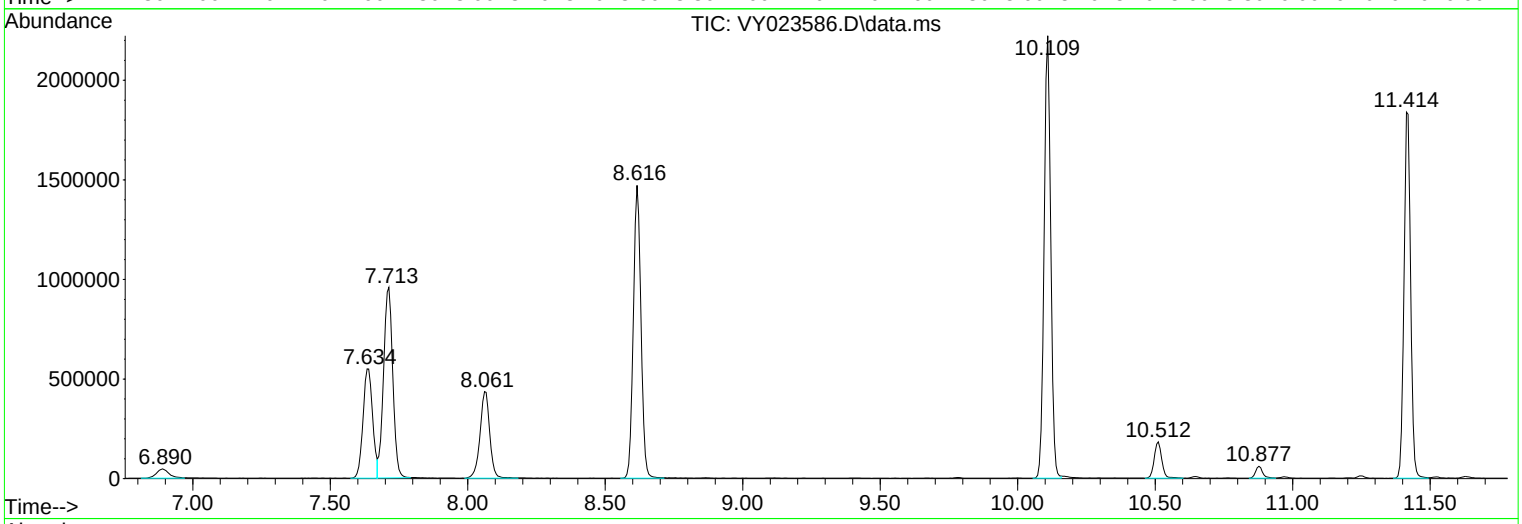
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

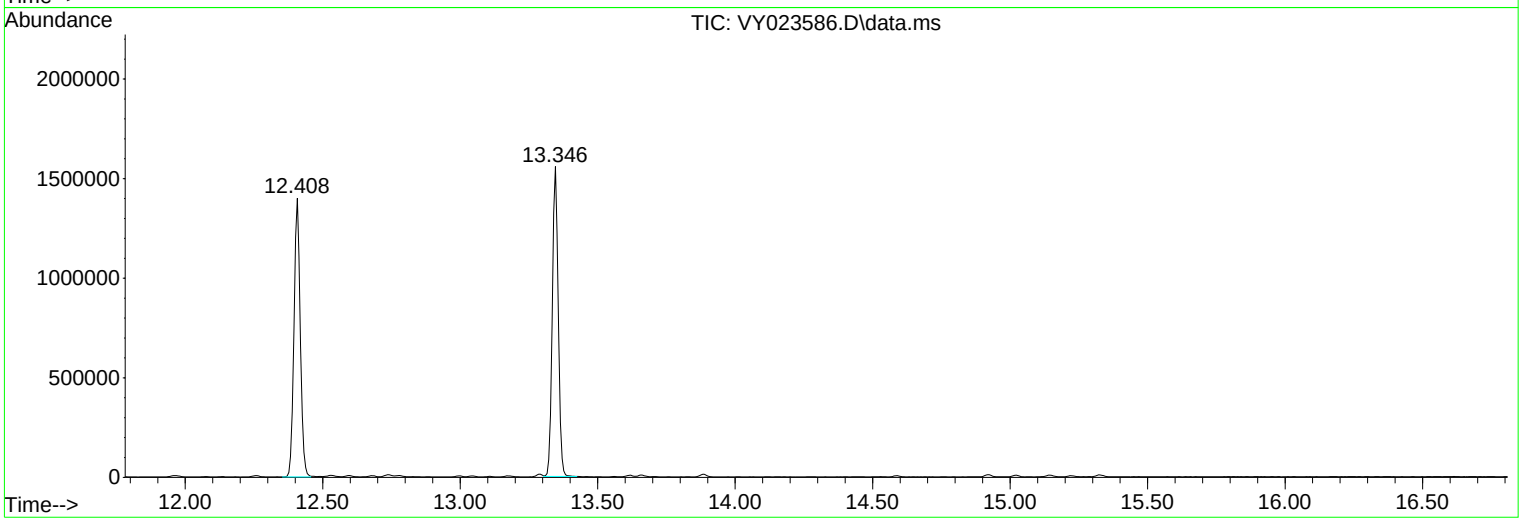
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

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: **VY023586.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023586.D
Acq On : 27 Oct 2025 09:47
Operator : SY/MD
Sample : VY1027SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

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_Y\Data\VY102725\
Data File : VY023587.D
Acq On : 27 Oct 2025 10:17
Operator : SY/MD
Sample : VY1027SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 04:36:05 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 :
VY1027SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	499774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	732575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	644176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195073	46.677	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.360%			
35) Dibromofluoromethane	7.634	113	227097	50.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.900%			
50) Toluene-d8	10.109	98	822762	49.081	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.408	95	271973	49.142	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	71824	19.966	ug/l	95
3) Chloromethane	2.074	50	90648	18.498	ug/l	99
4) Vinyl Chloride	2.208	62	122333	19.166	ug/l	99
5) Bromomethane	2.592	94	111461	20.809	ug/l	97
6) Chloroethane	2.732	64	87222	20.047	ug/l	100
7) Trichlorofluoromethane	3.056	101	182989	20.648	ug/l	95
8) Diethyl Ether	3.452	74	44668	19.288	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	98823	21.488	ug/l	98
10) Methyl Iodide	4.007	142	99971	19.527	ug/l	99
11) Tert butyl alcohol	4.854	59	25017	80.465	ug/l	97
12) 1,1-Dichloroethene	3.793	96	91057	20.425	ug/l	96
13) Acrolein	3.653	56	18444	41.983	ug/l	100
14) Allyl chloride	4.385	41	106830	19.663	ug/l	97
15) Acrylonitrile	5.055	53	85666	96.662	ug/l	99
16) Acetone	3.872	43	131477	132.147	ug/l	100
17) Carbon Disulfide	4.110	76	248009	19.437	ug/l	100
18) Methyl Acetate	4.391	43	40005	15.328	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	211366	19.727	ug/l	96
20) Methylene Chloride	4.616	84	105371	19.586	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	103122	21.010	ug/l	96
22) Diisopropyl ether	6.018	45	249840	20.789	ug/l	98
23) Vinyl Acetate	5.964	43	658856	101.283	ug/l	100
24) 1,1-Dichloroethane	5.921	63	167346	21.021	ug/l	98
25) 2-Butanone	6.896	43	133835	110.184	ug/l	93
26) 2,2-Dichloropropane	6.890	77	157622	21.578	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	122389	21.587	ug/l	97
28) Bromochloromethane	7.250	49	60920	20.499	ug/l	98
29) Tetrahydrofuran	7.262	42	62255	90.383	ug/l	99
30) Chloroform	7.421	83	190441	21.773	ug/l	98
31) Cyclohexane	7.701	56	138725	19.954	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	173001	21.765	ug/l	99
36) 1,1-Dichloropropene	7.835	75	126802	21.278	ug/l	99
37) Ethyl Acetate	6.988	43	45622	19.324	ug/l	98
38) Carbon Tetrachloride	7.823	117	156366	21.639	ug/l	100
39) Methylcyclohexane	9.109	83	159113	20.507	ug/l	98
40) Benzene	8.079	78	407526	21.594	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023587.D
Acq On : 27 Oct 2025 10:17
Operator : SY/MD
Sample : VY1027SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 04:36:05 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 :
VY1027SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	23723	18.579	ug/l		93
42) 1,2-Dichloroethane	8.158	62	101743	20.904	ug/l		99
43) Isopropyl Acetate	8.195	43	87878	18.667	ug/l		98
44) Trichloroethene	8.865	130	120671	21.846	ug/l		98
45) 1,2-Dichloropropane	9.140	63	90039	21.600	ug/l		96
46) Dibromomethane	9.231	93	55698	21.131	ug/l		98
47) Bromodichloromethane	9.426	83	143142	21.562	ug/l		97
48) Methyl methacrylate	9.225	41	40623	18.368	ug/l		99
49) 1,4-Dioxane	9.231	88	11549	377.901	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	232057	95.406	ug/l		99
52) Toluene	10.170	92	264958	21.623	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	118614	20.549	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	143035	20.995	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	74277	20.955	ug/l		97
56) Ethyl methacrylate	10.438	69	79786	19.514	ug/l		98
57) 1,3-Dichloropropane	10.719	76	118060	21.019	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	172090	93.954	ug/l		99
59) 2-Hexanone	10.761	43	188221	108.283	ug/l		99
60) Dibromochloromethane	10.914	129	103231	20.773	ug/l		98
61) 1,2-Dibromoethane	11.018	107	69606	20.591	ug/l		99
64) Tetrachloroethene	10.646	164	149629	22.496	ug/l		98
65) Chlorobenzene	11.444	112	300150	21.423	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	107648	21.561	ug/l		100
67) Ethyl Benzene	11.517	91	482176	21.261	ug/l		99
68) m/p-Xylenes	11.627	106	396042	43.538	ug/l		98
69) o-Xylene	11.956	106	182977	21.446	ug/l		99
70) Styrene	11.969	104	299250	21.328	ug/l		99
71) Bromoform	12.133	173	63230	20.417	ug/l	#	99
73) Isopropylbenzene	12.255	105	477591	20.978	ug/l		100
74) N-amyl acetate	12.072	43	73513	17.977	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70375	18.899	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	55257m	18.129	ug/l		
77) Bromobenzene	12.529	156	124518	20.573	ug/l		100
78) n-propylbenzene	12.596	91	565369	21.460	ug/l		99
79) 2-Chlorotoluene	12.682	91	326754	21.179	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	399645	21.723	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	23427	18.848	ug/l		97
82) 4-Chlorotoluene	12.773	91	339541	21.370	ug/l		99
83) tert-Butylbenzene	12.999	119	363021	21.371	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	397243	21.636	ug/l		99
85) sec-Butylbenzene	13.176	105	529053	21.712	ug/l		100
86) p-Isopropyltoluene	13.291	119	450136	21.697	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	250810	21.280	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	243581	20.925	ug/l		98
89) n-Butylbenzene	13.615	91	380196	21.032	ug/l		99
90) Hexachloroethane	13.877	117	94960	21.281	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	218613	21.156	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11178	18.295	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	127872	19.850	ug/l		100
94) Hexachlorobutadiene	15.023	225	84513	21.046	ug/l		97
95) Naphthalene	15.145	128	177886	17.341	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	107539	19.273	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023587.D
Acq On : 27 Oct 2025 10:17
Operator : SY/MD
Sample : VY1027SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 04:36:05 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

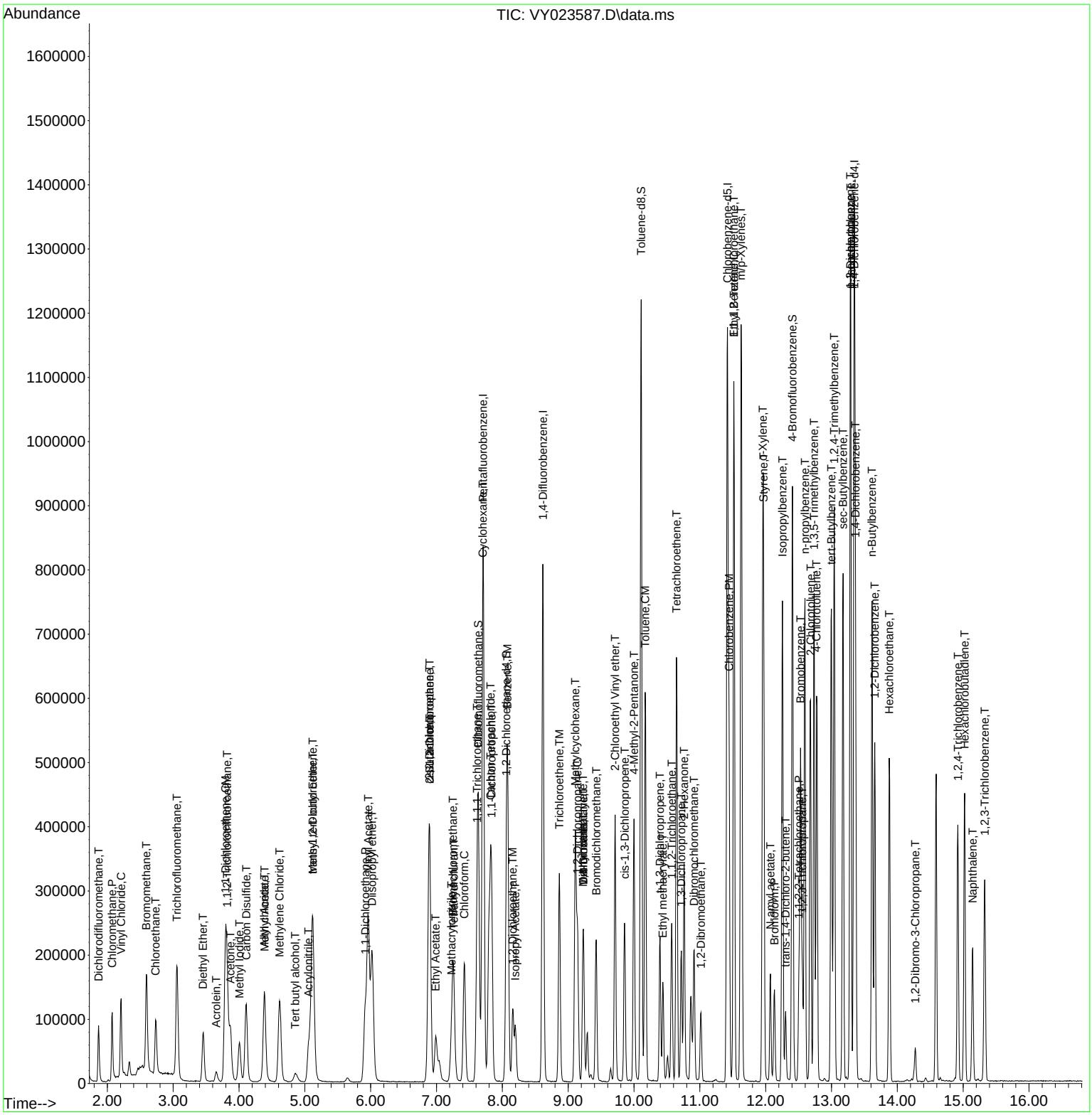
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023587.D
Acq On : 27 Oct 2025 10:17
Operator : SY/MD
Sample : VY1027SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 04:36:05 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 :
VY1027SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023588.D
Acq On : 27 Oct 2025 10:39
Operator : SY/MD
Sample : VY1027SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 28 04:37:01 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 :
VY1027SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	484571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	706753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	619972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	325402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193100	47.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.300%			
35) Dibromofluoromethane	7.634	113	220579	50.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.580%			
50) Toluene-d8	10.109	98	819582	50.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.402	95	266662	49.943	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	73923	21.194	ug/l	98
3) Chloromethane	2.074	50	94310	19.849	ug/l	98
4) Vinyl Chloride	2.208	62	126987	20.519	ug/l	98
5) Bromomethane	2.592	94	112407	21.644	ug/l	96
6) Chloroethane	2.733	64	90066	21.350	ug/l	99
7) Trichlorofluoromethane	3.056	101	183391	21.342	ug/l	98
8) Diethyl Ether	3.458	74	46778	20.833	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	99618	22.341	ug/l	100
10) Methyl Iodide	4.007	142	106832	21.521	ug/l	99
11) Tert butyl alcohol	4.860	59	29585	98.142	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	91956	21.274	ug/l	95
13) Acrolein	3.653	56	19614	46.047	ug/l	100
14) Allyl chloride	4.385	41	110880	21.048	ug/l	98
15) Acrylonitrile	5.061	53	87514	101.845	ug/l	100
16) Acetone	3.866	43	130974	135.771	ug/l	100
17) Carbon Disulfide	4.110	76	251206	20.305	ug/l	99
18) Methyl Acetate	4.385	43	48856	19.307	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	215745	20.767	ug/l	99
20) Methylene Chloride	4.622	84	109898	21.068	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	103236	21.693	ug/l	96
22) Diisopropyl ether	6.025	45	255265	21.907	ug/l	97
23) Vinyl Acetate	5.964	43	652418	103.440	ug/l	100
24) 1,1-Dichloroethane	5.915	63	170247	22.057	ug/l	97
25) 2-Butanone	6.896	43	139522	118.469	ug/l	97
26) 2,2-Dichloropropane	6.884	77	158961	22.444	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	123697	22.502	ug/l	96
28) Bromochloromethane	7.244	49	61569	21.367	ug/l	99
29) Tetrahydrofuran	7.268	42	64637	96.785	ug/l	100
30) Chloroform	7.421	83	193159	22.777	ug/l	98
31) Cyclohexane	7.701	56	137180	20.351	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	171904	22.306	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127622	22.198	ug/l	99
37) Ethyl Acetate	6.988	43	48817	21.433	ug/l	97
38) Carbon Tetrachloride	7.817	117	156052	22.385	ug/l	99
39) Methylcyclohexane	9.109	83	158531	21.178	ug/l	98
40) Benzene	8.079	78	413668	22.720	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023588.D
Acq On : 27 Oct 2025 10:39
Operator : SY/MD
Sample : VY1027SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 28 04:37:01 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 :
VY1027SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24141	19.597	ug/l #	71
42) 1,2-Dichloroethane	8.158	62	102374	21.802	ug/l	100
43) Isopropyl Acetate	8.195	43	89935	19.802	ug/l	98
44) Trichloroethene	8.866	130	118439	22.225	ug/l	98
45) 1,2-Dichloropropane	9.140	63	90936	22.612	ug/l	99
46) Dibromomethane	9.231	93	55078	21.659	ug/l	98
47) Bromodichloromethane	9.426	83	143726	22.441	ug/l	99
48) Methyl methacrylate	9.219	41	42714	20.019	ug/l	98
49) 1,4-Dioxane	9.231	88	11995	406.835	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	241896	103.085	ug/l	98
52) Toluene	10.170	92	269255	22.776	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	118047	21.198	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	145757	22.177	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	77711	22.725	ug/l	97
56) Ethyl methacrylate	10.438	69	78113	19.803	ug/l	99
57) 1,3-Dichloropropane	10.719	76	120242	22.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	166565	94.260	ug/l	99
59) 2-Hexanone	10.762	43	189661	113.098	ug/l	99
60) Dibromochloromethane	10.914	129	105104	21.922	ug/l	98
61) 1,2-Dibromoethane	11.018	107	70658	21.666	ug/l	100
64) Tetrachloroethene	10.646	164	147698	23.073	ug/l	98
65) Chlorobenzene	11.444	112	304353	22.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	109178	22.721	ug/l	98
67) Ethyl Benzene	11.518	91	484581	22.201	ug/l	100
68) m/p-Xylenes	11.627	106	390520	44.607	ug/l	98
69) o-Xylene	11.956	106	179997	21.920	ug/l	99
70) Styrene	11.969	104	301330	22.315	ug/l	100
71) Bromoform	12.133	173	64644	21.688	ug/l	99
73) Isopropylbenzene	12.255	105	475826	22.189	ug/l	100
74) N-amyl acetate	12.072	43	74645	19.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	73229	20.879	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	54116m	18.850	ug/l	
77) Bromobenzene	12.530	156	123258	21.620	ug/l	100
78) n-propylbenzene	12.597	91	558261	22.496	ug/l	100
79) 2-Chlorotoluene	12.676	91	322587	22.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	388839	22.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22707	19.395	ug/l	97
82) 4-Chlorotoluene	12.773	91	332694	22.230	ug/l	99
83) tert-Butylbenzene	12.999	119	356347	22.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	391778	22.654	ug/l	99
85) sec-Butylbenzene	13.176	105	519994	22.656	ug/l	100
86) p-Isopropyltoluene	13.292	119	435093	22.265	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	243437	21.928	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	240439	21.929	ug/l	98
89) n-Butylbenzene	13.615	91	373775	21.952	ug/l	99
90) Hexachloroethane	13.877	117	91694	21.816	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	213663	21.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11437	19.873	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	123920	20.422	ug/l	99
94) Hexachlorobutadiene	15.023	225	83375	22.043	ug/l	99
95) Naphthalene	15.145	128	178910	18.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106184	20.203	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023588.D
Acq On : 27 Oct 2025 10:39
Operator : SY/MD
Sample : VY1027SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 28 04:37:01 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 :
VY1027SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

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

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

Quantitation Report (QT Reviewed)

Sample Results: **VY023588.D**

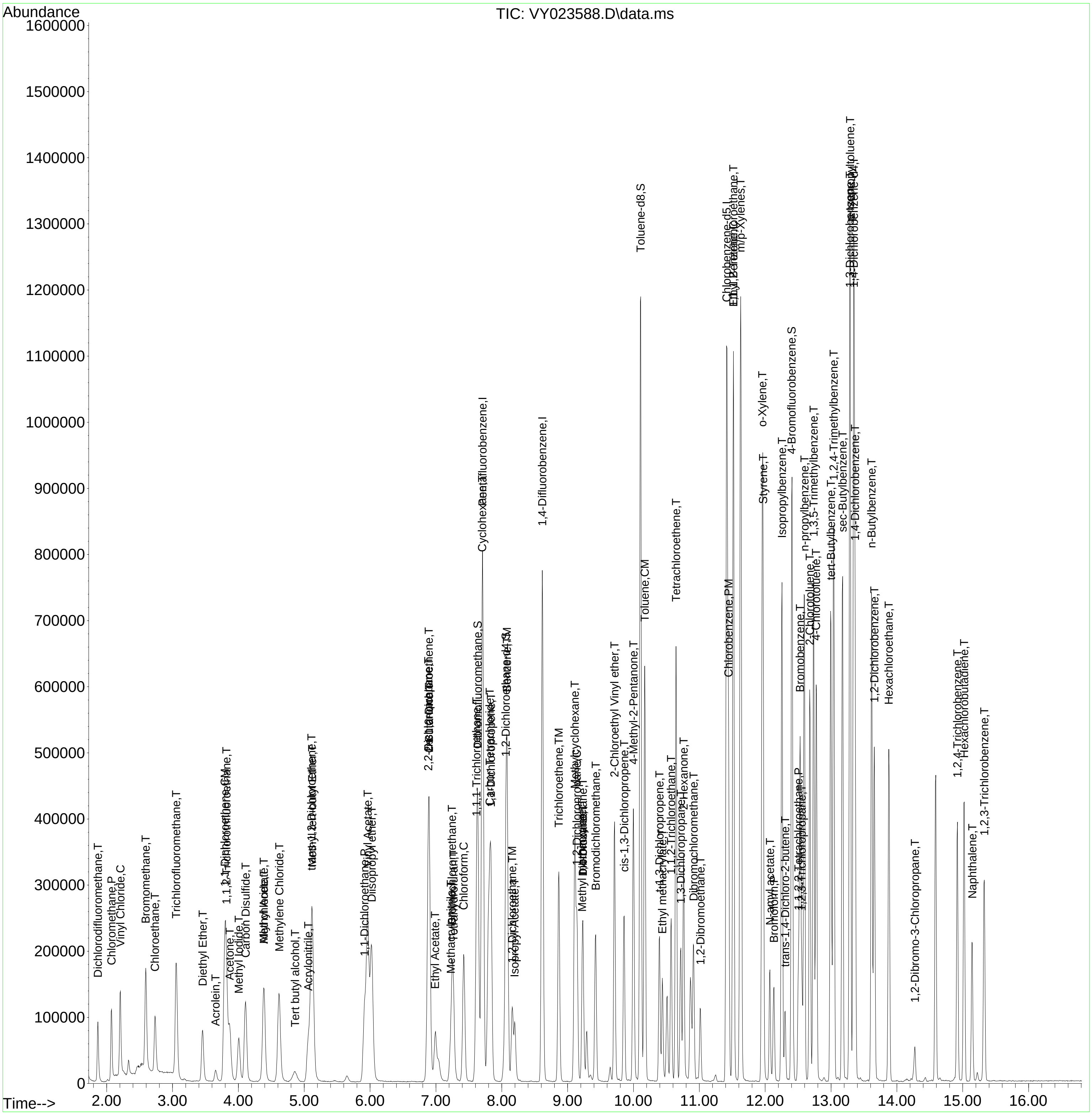
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023588.D
Acq On    : 27 Oct 2025  10:39
Operator  : SY/MD
Sample    : VY1027SBSD01
Misc      : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Oct 28 04:37:01 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 :
VY1027SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



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

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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:	VY102725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023585.D	1,2,3-Trichloropropane	Amit	10/28/2025 10:00:32 AM	MMDadoda	10/28/2025 1:16:14 PM	Peak Integrated by Software
VY1027SBS01	VY023587.D	1,2,3-Trichloropropane	Amit	10/28/2025 10:00:39 AM	MMDadoda	10/28/2025 1:16:23 PM	Peak Integrated by Software
VY1027SBSD01	VY023588.D	1,2,3-Trichloropropane	Amit	10/28/2025 10:00:45 AM	MMDadoda	10/28/2025 1:16:26 PM	Peak Integrated by Software
VSTDCCC050	VY023596.D	1,2,3-Trichloropropane	Amit	10/28/2025 10:00:50 AM	MMDadoda	10/28/2025 1:16:19 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # 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 # VY102725

Review By	Amit Patel	Review On	10/28/2025 10:01:28 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/28/2025 1:16:38 PM				
SubDirectory	VY102725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135943
Initial Calibration Stds	
CCC	VP135944,VP135945
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	VY023584.D	27 Oct 2025 08:37	SY/MD	Ok
2	VSTDCCC050	VY023585.D	27 Oct 2025 09:12	SY/MD	Ok,M
3	VY1027SBL01	VY023586.D	27 Oct 2025 09:47	SY/MD	Ok
4	VY1027SBS01	VY023587.D	27 Oct 2025 10:17	SY/MD	Ok,M
5	VY1027SBSD01	VY023588.D	27 Oct 2025 10:39	SY/MD	Ok,M
6	Q3457-01	VY023589.D	27 Oct 2025 11:20	SY/MD	Ok
7	Q3465-01	VY023590.D	27 Oct 2025 11:43	SY/MD	Ok
8	Q3466-01	VY023591.D	27 Oct 2025 12:07	SY/MD	Ok
9	Q3466-04	VY023592.D	27 Oct 2025 12:30	SY/MD	Ok
10	Q3466-06	VY023593.D	27 Oct 2025 12:54	SY/MD	Ok
11	Q3469-03	VY023594.D	27 Oct 2025 13:17	SY/MD	Ok
12	VIBLK	VY023595.D	27 Oct 2025 15:24	SY/MD	Ok
13	VSTDCCC050	VY023596.D	27 Oct 2025 15:47	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 # 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 # VY102725

Review By	Amit Patel	Review On	10/28/2025 10:01:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/28/2025 1:16:38 PM		
SubDirectory	VY102725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135943
Initial Calibration Stds	
CCC	VP135944,VP135945
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	VY023584.D	27 Oct 2025 08:37		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023585.D	27 Oct 2025 09:12		SY/MD	Ok,M
3	VY1027SBL01	VY1027SBL01	VY023586.D	27 Oct 2025 09:47		SY/MD	Ok
4	VY1027SBS01	VY1027SBS01	VY023587.D	27 Oct 2025 10:17		SY/MD	Ok,M
5	VY1027SBSD01	VY1027SBSD01	VY023588.D	27 Oct 2025 10:39		SY/MD	Ok,M
6	Q3457-01	TR-05-102425	VY023589.D	27 Oct 2025 11:20	vial-A	SY/MD	Ok
7	Q3465-01	SU-03-10242025	VY023590.D	27 Oct 2025 11:43	vial-A	SY/MD	Ok
8	Q3466-01	B8-0.5-1.0-20251023	VY023591.D	27 Oct 2025 12:07	vial-A	SY/MD	Ok
9	Q3466-04	B9-0.5-1.0-20251023	VY023592.D	27 Oct 2025 12:30	vial-A	SY/MD	Ok
10	Q3466-06	B7-1.5-2.0-20251023	VY023593.D	27 Oct 2025 12:54	vial-A	SY/MD	Ok
11	Q3469-03	TP-13-VOC	VY023594.D	27 Oct 2025 13:17	vial-A	SY/MD	Ok
12	VIBLK	VIBLK	VY023595.D	27 Oct 2025 15:24		SY/MD	Ok
13	VSTDCCC050	VSTDCCC050EC	VY023596.D	27 Oct 2025 15:47		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3466	**OrderDate:**	10/24/2025 3:18:10 PM
Client:	HDR, Inc.	**Project:**	PVWC Linear Construction
Contact:	Andrew Wadden	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3466-01	**B8-0.5-1.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			VOC-TCLVOA-10	8260D			10/27/25	
Q3466-04	**B9-0.5-1.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			VOC-TCLVOA-10	8260D			10/27/25	
Q3466-06	**B7-1.5-2.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			VOC-TCLVOA-10	8260D			10/27/25	