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

Hit Summary Sheet
SW-846

SDG No.: Q1355

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**RW1**								
Q1355-01	RW1	Water	Acetone		5.50		1.40	5.00	ug/L
Q1355-01	RW1	Water	Chlorobenzene		1.70		0.13	1.00	ug/L
			Total Voc :		7.20				
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	6.80	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	6.00	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	11.0	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1-ethyl-4-(1-methylet	*	6.00	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, (3-methyl-2-butenyl)-	*	6.20	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1-(1-methylethenyl)-2	*	5.40	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1,3,5-trimethyl-2-(1-r	*	5.50	J	0	0	ug/L
Q1355-01	RW1	Water	1H-Indene, 2,3-dihydro-1,2-din	*	7.60	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	8.70	J	0	0	ug/L
Q1355-01	RW1	Water	tert-Butylbenzene	*	0.62	J	0.17	1.00	ug/L
Q1355-01	RW1	Water	sec-Butylbenzene	*	0.56	J	0.17	1.00	ug/L
Q1355-01	RW1	Water	n-Butylbenzene	*	0.25	J	0.22	1.00	ug/L
Q1355-01	RW1	Water	Naphthalene	*	47.4	J	0.59	1.00	ug/L
			Total Tics :		112				
			Total Concentration:		119				
Client ID:	**MW2**								
Q1355-02	MW2	Water	Acetone		3.70	J	1.40	5.00	ug/L
Q1355-02	MW2	Water	cis-1,2-Dichloroethene		1.60		0.25	1.00	ug/L
			Total Voc :		5.30				
			Total Concentration:		5.30				

SAMPLE DATA

Raw Data: **VX044937.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	5.50		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L

Raw Data: **VX044937.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	1.70		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.7		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83300	5.544			
540-36-3	1,4-Difluorobenzene	170000	6.757			
3114-55-4	Chlorobenzene-d5	156000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67600	12.018			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
98-06-6	tert-Butylbenzene	0.62	J		11.7	ug/L
135-98-8	sec-Butylbenzene	0.56	J		11.9	ug/L
104-51-8	n-Butylbenzene	0.25	J		12.3	ug/L
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	6.00	J		13.6	ug/L
91-20-3	Naphthalene	47.4	J		13.8	ug/L
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	6.00	J		13.9	ug/L
004489-84-3	Benzene, (3-methyl-2-butenyl)-	6.20	J		13.9	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	7.60	J		14.2	ug/L
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	5.50	J		14.4	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	6.80	J		14.5	ug/L
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	11.0	J		14.6	ug/L
005557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-	5.40	J		14.7	ug/L
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,6-dim	8.70	J		15.2	ug/L

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

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

Raw Data: **VX044938.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	3.70	J	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.60		0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L

Raw Data: **VX044938.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85700	5.544			
540-36-3	1,4-Difluorobenzene	173000	6.757			
3114-55-4	Chlorobenzene-d5	156000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	62200	12.018			

Raw Data: **VX044938.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1355-01	RW1	1,2-Dichloroethane-d4	50	55.7	111	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)
Q1355-02	MW2	1,2-Dichloroethane-d4	50	55.6	111	70 (74)	130 (125)
		Dibromofluoromethane	50	51.8	104	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)
VX0212WBL01	VX0212WBL01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.0	102	70 (77)	130 (121)
VX0212WBS01	VX0212WBS01	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99	70 (75)	130 (124)
		Toluene-d8	50	49.2	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
VX0212WBSD0	VX0212WBSD01	1,2-Dichloroethane-d4	50	50.4	101	70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99	70 (75)	130 (124)
		Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.8	102	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0212WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.4	ug/L	92			40 (65)	160 (116)	
	Vinyl chloride	20	17.7	ug/L	89			70 (65)	130 (117)	
	Bromomethane	20	20.2	ug/L	101			40 (58)	160 (125)	
	Chloroethane	20	21.8	ug/L	109			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.9	ug/L	95			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.9	ug/L	95			70 (80)	130 (112)	
	Tert butyl alcohol	100	92.4	ug/L	92			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.3	ug/L	92			70 (74)	130 (110)	
	Acetone	100	95.2	ug/L	95			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.6	ug/L	93			70 (78)	130 (114)	
	Methyl Acetate	20	19.8	ug/L	99			70 (67)	130 (125)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.6	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	18.1	ug/L	91			70 (75)	130 (110)	
	2-Butanone	100	97.1	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.4	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	18.0	ug/L	90			70 (70)	130 (124)	
	Chloroform	20	19.1	ug/L	96			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	18.8	ug/L	94			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.2	ug/L	91			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.5	ug/L	93			70 (83)	130 (111)	
	Bromodichloromethane	20	19.1	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.1	ug/L	96			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.1	ug/L	91			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.2	ug/L	96			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	18.8	ug/L	94			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.1	ug/L	96			70 (81)	130 (110)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	38.3	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	18.9	ug/L	95			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	18.9	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	18.3	ug/L	92			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.6	ug/L	93			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0212WBS01	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	17.7	ug/L	89			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.9	ug/L	90			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044924.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0212WBSD01	Dichlorodifluoromethane	20	18.5	ug/L	93	3		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.6	ug/L	88	4		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.9	ug/L	85	5		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.4	ug/L	97	4		40 (58)	160 (125)	20 (20)
	Chloroethane	20	22.0	ug/L	110	1		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.6	ug/L	93	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93	2		70 (80)	130 (112)	20 (20)
	Tert butyl alcohol	100	97.7	ug/L	98	6		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	17.5	ug/L	88	4		70 (74)	130 (110)	20 (20)
	Acetone	100	98.2	ug/L	98	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.6	ug/L	83	2		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.9	ug/L	100	1		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.0	ug/L	90	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	18.7	ug/L	94	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.8	ug/L	89	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	99.3	ug/L	99	2		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	18.7	ug/L	94	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	18.5	ug/L	93	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.0	ug/L	90	0		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.6	ug/L	93	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.2	ug/L	91	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.4	ug/L	97	3		70 (72)	130 (115)	20 (20)
	Benzene	20	18.9	ug/L	95	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.0	ug/L	100	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.7	ug/L	94	3		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.6	ug/L	98	5		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.3	ug/L	97	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	19.4	ug/L	97	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	17.8	ug/L	89	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.3	ug/L	97	6		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.3	ug/L	102	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.0	ug/L	95	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	19.6	ug/L	98	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.0	ug/L	95	0		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.0	ug/L	95	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.0	ug/L	95	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	38.9	ug/L	97	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.5	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	19.7	ug/L	99	2		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.4	ug/L	97	2		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.7	ug/L	94	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.3	ug/L	97	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.5	ug/L	93	0		70 (82)	130 (107)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044924.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0212WBSD01	1,2-Dichlorobenzene	20	19.1	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	18.7	ug/L	94	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89	1		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	18.5	ug/L	93	1		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0212WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044922.D Lab Sample ID: VX0212WBL01

Date Analyzed: 02/12/2025 Time Analyzed: 10:57

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0212WBS01	VX0212WBS01	VX044923.D	02/12/2025
VX0212WBSD01	VX0212WBSD01	VX044924.D	02/12/2025
RW1	Q1355-01	VX044937.D	02/12/2025
MW2	Q1355-02	VX044938.D	02/12/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044867.D BFB Injection Date: 02/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:35

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.7 (7.5) 1
176	95.0 - 101.0% of mass 174	72.6 (95.7) 1
177	5.0 - 9.0% of mass 176	4.5 (6.2) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX044868.D	02/10/2025	10:25
VSTDICC005	VSTDICC005	VX044869.D	02/10/2025	10:48
VSTDICC020	VSTDICC020	VX044870.D	02/10/2025	11:11
VSTDICCC050	VSTDICCC050	VX044871.D	02/10/2025	11:34
VSTDICC100	VSTDICC100	VX044872.D	02/10/2025	12:05
VSTDICC150	VSTDICC150	VX044873.D	02/10/2025	12:28

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044919.D BFB Injection Date: 02/12/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:39

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	52.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.6 (7.2) 1
176	95.0 - 101.0% of mass 174	74.9 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044920.D	02/12/2025	10:07
VX0212WBL01	VX0212WBL01	VX044922.D	02/12/2025	10:57
VX0212WBS01	VX0212WBS01	VX044923.D	02/12/2025	11:20
VX0212WBSD01	VX0212WBSD01	VX044924.D	02/12/2025	11:46
RW1	Q1355-01	VX044937.D	02/12/2025	16:44
MW2	Q1355-02	VX044938.D	02/12/2025	17:07

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044920.D Date Analyzed: 02/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:07

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	120105	5.54	211946	6.75	185163	10.05
UPPER LIMIT	240210	6.044	423892	7.251	370326	10.549
LOWER LIMIT	60052.5	5.044	105973	6.251	92581.5	9.549
EPA SAMPLE NO.						
RW1	83265	5.54	169774	6.76	156232	10.05
MW2	85678	5.54	173415	6.76	155759	10.05
VX0212WBL01	96997	5.54	194457	6.76	176635	10.05
VX0212WBS01	111261	5.54	204350	6.76	179478	10.05
VX0212WBSD01	109124	5.54	195530	6.75	172961	10.05

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044920.D Date Analyzed: 02/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:07

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

	IS4 AREA #	RT #				
12 HOUR STD	84033	12.018				
UPPER LIMIT	168066	12.518				
LOWER LIMIT	42016.5	11.518				
EPA SAMPLE NO.						
RW1	67649	12.02				
MW2	62222	12.02				
VX0212WBL01	76229	12.02				
VX0212WBS01	82301	12.02				
VX0212WBSD01	79611	12.02				

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: **VX044922.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97000	5.544			
540-36-3	1,4-Difluorobenzene	194000	6.757			
3114-55-4	Chlorobenzene-d5	177000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	76200	12.018			

Raw Data: **VX044922.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.21	1.00	ug/L
74-87-3	Chloromethane	18.4		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.7		0.34	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	5.00	ug/L
75-00-3	Chloroethane	21.8		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.4		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.26	1.00	ug/L
67-64-1	Acetone	95.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.60	5.00	ug/L
78-93-3	2-Butanone	97.1		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.0		0.18	1.00	ug/L
67-66-3	Chloroform	19.1		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.8		0.19	1.00	ug/L
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L

Raw Data: **VX044923.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.1		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.1		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.3		0.31	2.00	ug/L
95-47-6	o-Xylene	18.9		0.14	1.00	ug/L
100-42-5	Styrene	19.3		0.16	1.00	ug/L
75-25-2	Bromoform	18.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.3		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.6		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.9		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111000	5.543			
540-36-3	1,4-Difluorobenzene	204000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	82300	12.018			

Raw Data: **VX044923.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.21	1.00	ug/L
74-87-3	Chloromethane	17.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	5.00	ug/L
75-00-3	Chloroethane	22.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.7		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.5		0.26	1.00	ug/L
67-64-1	Acetone	98.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.6		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.60	5.00	ug/L
78-93-3	2-Butanone	99.3		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.0		0.18	1.00	ug/L
67-66-3	Chloroform	18.6		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.4		0.19	1.00	ug/L
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.4		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.8		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.9		0.31	2.00	ug/L
95-47-6	o-Xylene	19.5		0.14	1.00	ug/L
100-42-5	Styrene	19.7		0.16	1.00	ug/L
75-25-2	Bromoform	19.4		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.7		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.1		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.5		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	196000	6.751			
3114-55-4	Chlorobenzene-d5	173000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79600	12.018			

Raw Data: **VX044924.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

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

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.723	0.669	0.716	0.700	0.706	0.693	0.701	2.7
Chloromethane	0.958	0.860	0.862	0.843	0.805	0.793	0.854	6.9
Vinyl Chloride	0.839	0.846	0.847	0.808	0.807	0.814	0.827	2.3
Bromomethane		0.248	0.252	0.249	0.242	0.246	0.247	1.4
Chloroethane	0.500	0.288	0.280	0.341	0.249	0.181	0.307	35.4
Trichlorofluoromethane	1.062	1.066	1.096	1.029	1.013	1.008	1.046	3.3
1,1,2-Trichlorotrifluoroethane	0.583	0.647	0.668	0.626	0.631	0.637	0.632	4.5
Tert butyl alcohol		0.148	0.138	0.136	0.128	0.129	0.136	5.9
1,1-Dichloroethene	0.647	0.639	0.661	0.630	0.632	0.657	0.644	2
Acetone	0.305	0.292	0.298	0.293	0.285	0.292	0.294	2.3
Carbon Disulfide	1.689	1.732	1.786	1.762	1.789	1.846	1.767	3
Methyl tert-butyl Ether	1.941	2.065	2.130	2.046	2.011	2.110	2.050	3.4
Methyl Acetate	0.882	0.901	0.926	0.946	0.922	0.995	0.928	4.2
Methylene Chloride	0.747	0.717	0.741	0.704	0.695	0.720	0.721	2.8
trans-1,2-Dichloroethene	0.608	0.622	0.657	0.640	0.633	0.644	0.634	2.7
1,1-Dichloroethane	1.155	1.257	1.292	1.227	1.209	1.257	1.233	3.9
Cyclohexane		1.154	1.174	1.121	1.107	1.127	1.137	2.4
2-Butanone	0.422	0.472	0.504	0.506	0.477	0.487	0.478	6.4
Carbon Tetrachloride	0.457	0.466	0.478	0.453	0.445	0.459	0.460	2.4
cis-1,2-Dichloroethene	0.680	0.783	0.812	0.758	0.758	0.779	0.762	5.9
Bromochloromethane	0.634	0.579	0.607	0.584	0.572	0.579	0.593	4
Chloroform	1.167	1.209	1.268	1.169	1.153	1.208	1.196	3.5
1,1,1-Trichloroethane	1.014	1.003	1.051	1.005	0.984	1.028	1.014	2.3
Methylcyclohexane	0.509	0.571	0.667	0.622	0.634	0.635	0.606	9.4
Benzene	1.370	1.488	1.577	1.470	1.429	1.453	1.465	4.7
1,2-Dichloroethane	0.417	0.465	0.502	0.472	0.462	0.482	0.467	6.1
Trichloroethene	0.293	0.340	0.367	0.335	0.332	0.343	0.335	7.2
1,2-Dichloropropane	0.343	0.354	0.389	0.367	0.360	0.372	0.364	4.3
Bromodichloromethane	0.428	0.481	0.514	0.500	0.500	0.513	0.489	6.6
4-Methyl-2-Pentanone	0.439	0.514	0.562	0.554	0.506	0.498	0.512	8.6

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

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

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.776	0.872	0.957	0.898	0.866	0.864	0.872	6.7
t-1,3-Dichloropropene	0.417	0.451	0.518	0.514	0.528	0.543	0.495	10
cis-1,3-Dichloropropene	0.452	0.511	0.587	0.577	0.587	0.599	0.552	10.5
1,1,2-Trichloroethane	0.307	0.342	0.362	0.341	0.331	0.329	0.335	5.4
2-Hexanone	0.313	0.360	0.406	0.404	0.369	0.362	0.369	9.3
Dibromochloromethane	0.317	0.342	0.381	0.373	0.368	0.370	0.359	6.7
1,2-Dibromoethane	0.302	0.330	0.367	0.350	0.345	0.345	0.340	6.5
Tetrachloroethene	0.306	0.311	0.343	0.310	0.307	0.314	0.315	4.4
Chlorobenzene	0.969	1.093	1.140	1.096	1.071	1.076	1.074	5.3
Ethyl Benzene	1.690	1.873	2.021	1.935	1.923	1.929	1.895	5.9
m/p-Xylenes	0.616	0.700	0.754	0.724	0.706	0.694	0.699	6.6
o-Xylene	0.661	0.721	0.747	0.707	0.691	0.681	0.701	4.4
Styrene	0.909	1.124	1.249	1.199	1.161	1.139	1.130	10.4
Bromoform	0.186	0.247	0.272	0.280	0.276	0.287	0.258	14.7
Isopropylbenzene	3.735	4.012	4.347	4.045	3.940	4.076	4.026	4.9
1,1,2,2-Tetrachloroethane	1.429	1.403	1.438	1.366	1.305	1.360	1.383	3.6
1,3-Dichlorobenzene	1.616	1.669	1.741	1.679	1.663	1.703	1.678	2.5
1,4-Dichlorobenzene	1.662	1.712	1.762	1.686	1.660	1.701	1.697	2.2
1,2-Dichlorobenzene	1.512	1.713	1.763	1.666	1.604	1.639	1.650	5.3
1,2-Dibromo-3-Chloropropane	0.202	0.236	0.268	0.258	0.261	0.289	0.252	11.9
1,2,4-Trichlorobenzene	0.860	0.934	1.013	1.013	1.057	1.112	0.998	9
1,2,3-Trichlorobenzene	0.858	0.952	1.042	1.031	1.043	1.109	1.006	8.7
1,2-Dichloroethane-d4		0.764	0.718	0.723	0.707	0.747	0.732	3.2
Dibromofluoromethane		0.335	0.322	0.320	0.320	0.328	0.325	2
Toluene-d8		1.239	1.249	1.239	1.208	1.212	1.229	1.5
4-Bromofluorobenzene		0.404	0.410	0.431	0.415	0.412	0.414	2.5

* 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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date/Time: 02/12/2025 10:07

Lab File ID: VX044920.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.718		2.42	20
Chloromethane	0.854	0.820	0.1	-3.98	20
Vinyl Chloride	0.827	0.797		-3.63	20
Bromomethane	0.247	0.256		3.64	20
Chloroethane	0.307	0.389		26.71	20
Trichlorofluoromethane	1.046	1.056		0.96	20
1,1,2-Trichlorotrifluoroethane	0.632	0.642		1.58	20
Tert butyl alcohol	0.136	0.120		-11.77	20
1,1-Dichloroethene	0.644	0.613		-4.81	20
Acetone	0.294	0.293		-0.34	20
Carbon Disulfide	1.767	1.633		-7.58	20
Methyl tert-butyl Ether	2.050	1.992		-2.83	20
Methyl Acetate	0.928	0.895		-3.56	20
Methylene Chloride	0.721	0.687		-4.72	20
trans-1,2-Dichloroethene	0.634	0.601		-5.2	20
1,1-Dichloroethane	1.233	1.202	0.1	-2.51	20
Cyclohexane	1.137	1.079		-5.1	20
2-Butanone	0.478	0.466		-2.51	20
Carbon Tetrachloride	0.460	0.463		0.65	20
cis-1,2-Dichloroethene	0.762	0.733		-3.81	20
Bromochloromethane	0.593	0.601		1.35	20
Chloroform	1.196	1.159		-3.09	20
1,1,1-Trichloroethane	1.014	0.988		-2.56	20
Methylcyclohexane	0.606	0.636		4.95	20
Benzene	1.465	1.458		-0.48	20
1,2-Dichloroethane	0.467	0.483		3.43	20
Trichloroethene	0.335	0.330		-1.49	20
1,2-Dichloropropane	0.364	0.366		0.55	20
Bromodichloromethane	0.489	0.505		3.27	20
4-Methyl-2-Pentanone	0.512	0.531		3.71	20
Toluene	0.872	0.887		1.72	20
t-1,3-Dichloropropene	0.495	0.514		3.84	20
cis-1,3-Dichloropropene	0.552	0.566		2.54	20
1,1,2-Trichloroethane	0.335	0.334		-0.3	20
2-Hexanone	0.369	0.382		3.52	20
Dibromochloromethane	0.359	0.367		2.23	20
1,2-Dibromoethane	0.340	0.343		0.88	20
Tetrachloroethene	0.315	0.319		1.27	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date/Time: 02/12/2025 10:07

Lab File ID: VX044920.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.074	1.085	0.3	1.02	20
Ethyl Benzene	1.895	1.934		2.06	20
m/p-Xylenes	0.699	0.715		2.29	20
o-Xylene	0.701	0.711		1.43	20
Styrene	1.130	1.191		5.4	20
Bromoform	0.258	0.269	0.1	4.26	20
Isopropylbenzene	4.026	4.000		-0.65	20
1,1,2,2-Tetrachloroethane	1.383	1.289	0.3	-6.8	20
1,3-Dichlorobenzene	1.678	1.658		-1.19	20
1,4-Dichlorobenzene	1.697	1.647		-2.95	20
1,2-Dichlorobenzene	1.650	1.611		-2.36	20
1,2-Dibromo-3-Chloropropane	0.252	0.242		-3.97	20
1,2,4-Trichlorobenzene	0.998	1.015		1.7	20
1,2,3-Trichlorobenzene	1.006	1.022		1.59	20
1,2-Dichloroethane-d4	0.732	0.766		4.64	20
Dibromofluoromethane	0.325	0.353		8.61	20
Toluene-d8	1.229	1.313		6.84	20
4-Bromofluorobenzene	0.414	0.448		8.21	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 00:51:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	83265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67943	55.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	5.379	113	55596	50.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	209257	50.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	76420	54.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.620%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2678	5.465	ug/l	91
65) Chlorobenzene	10.073	112	5587	1.665	ug/l	95
83) tert-Butylbenzene	11.713	119	2786	0.623	ug/l	93
85) sec-Butylbenzene	11.890	105	3127	0.565	ug/l	94
89) n-Butylbenzene	12.335	91	999m	0.254	ug/l	
95) Naphthalene	13.774	128	231414	47.401	ug/l	100

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

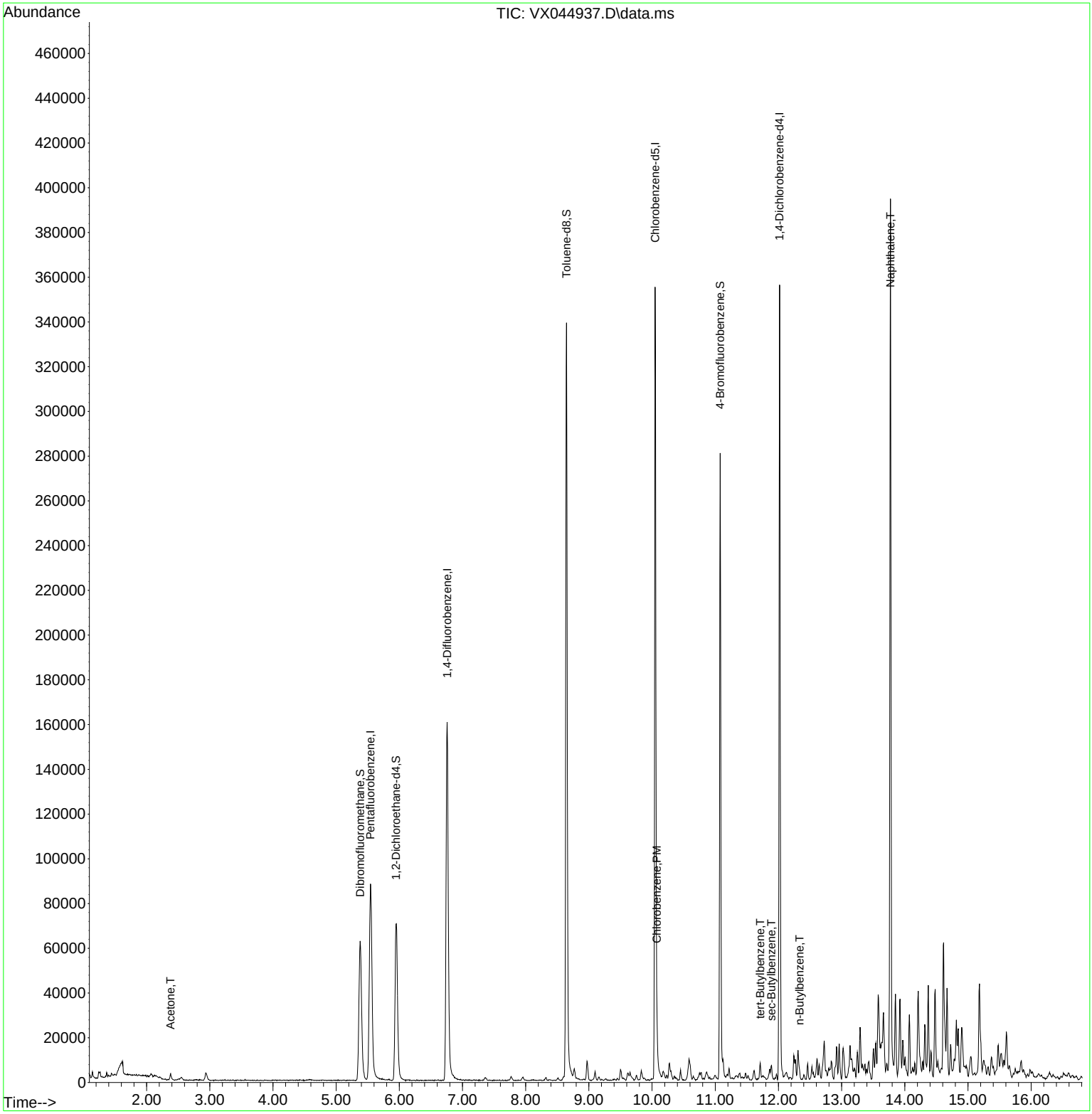
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

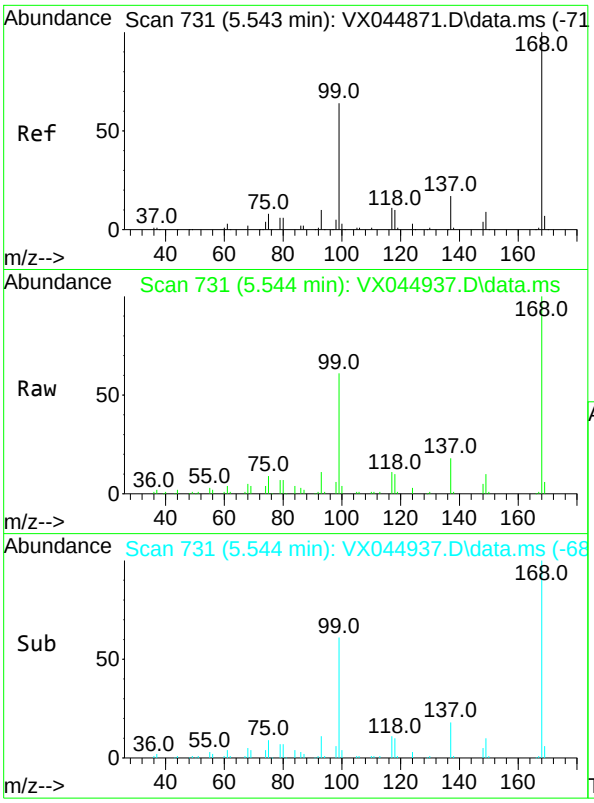
Quant Time: Feb 13 00:51:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

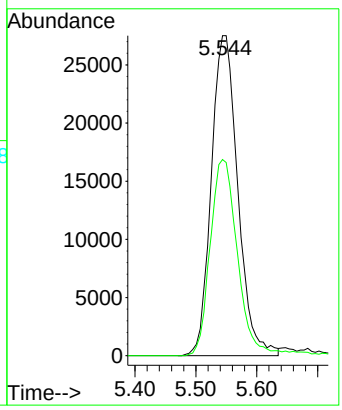




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:168 Resp: 8326

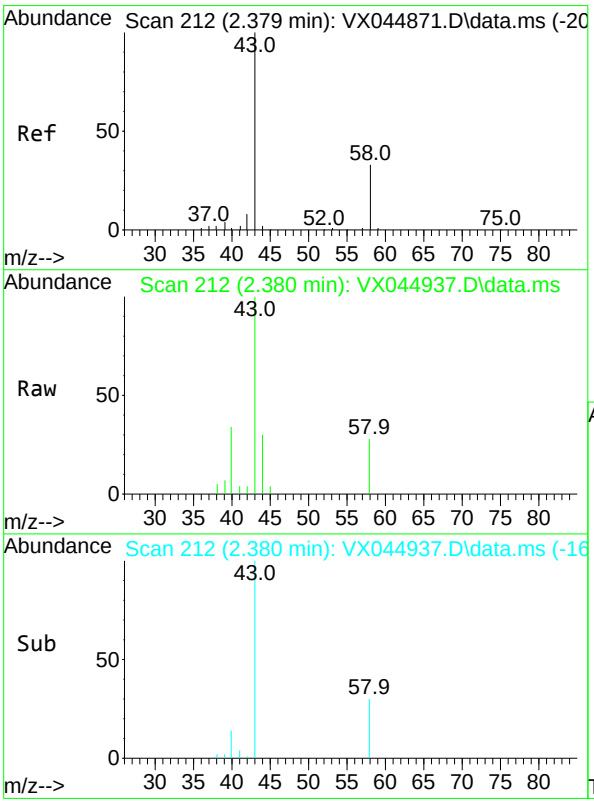
Ion	Ratio	Lower	Upper
168	100		
99	61.3	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

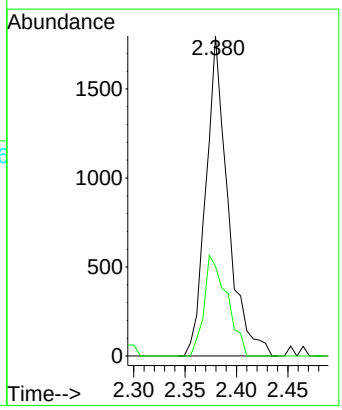
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

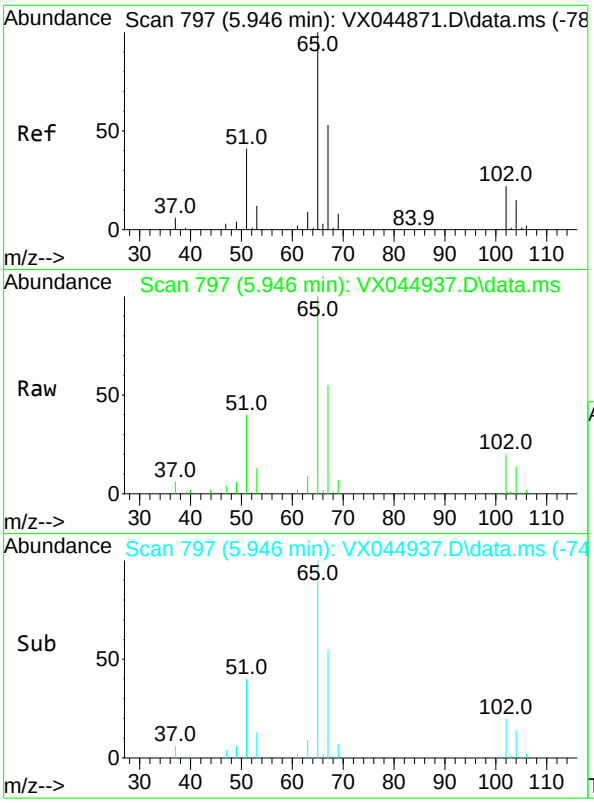


#16
Acetone
Concen: 5.465 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 43 Resp: 2678

Ion	Ratio	Lower	Upper
43	100		
58	28.1	26.5	39.7

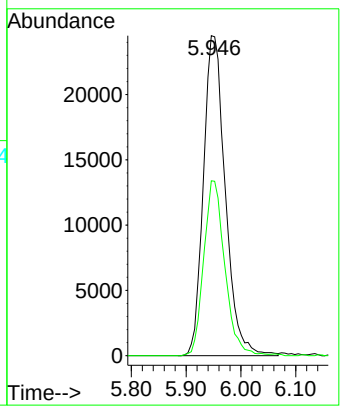




#33
1,2-Dichloroethane-d4
Concen: 55.744 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 65 Resp: 6794

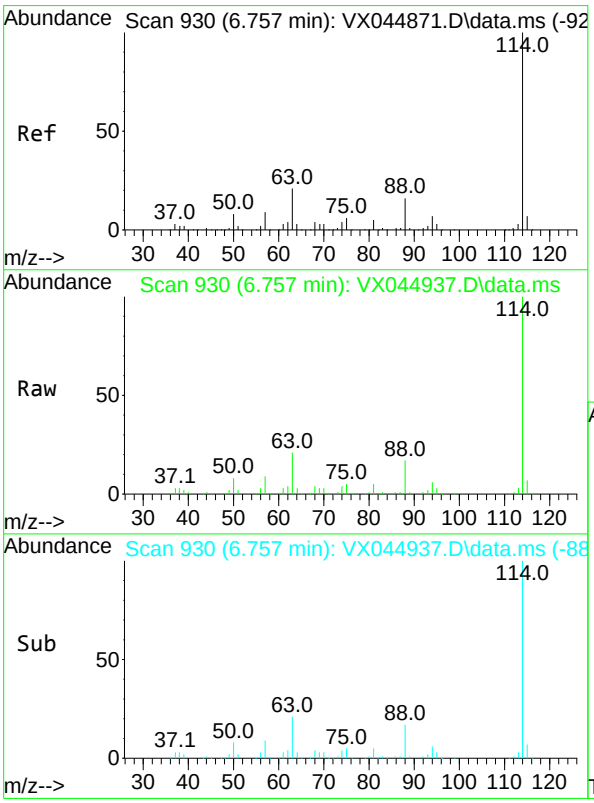
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.2



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

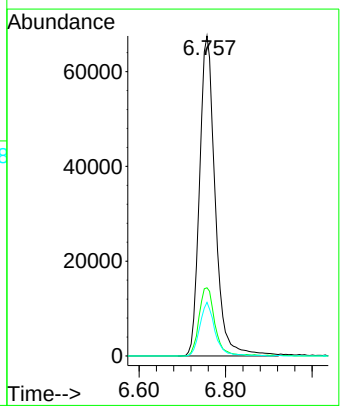
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

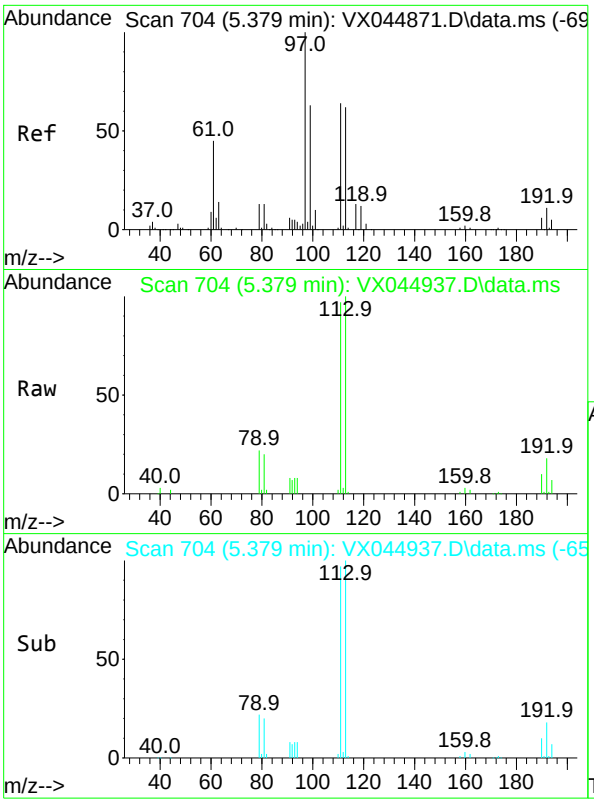


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:114 Resp: 169774

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	16.8	0.0	31.4

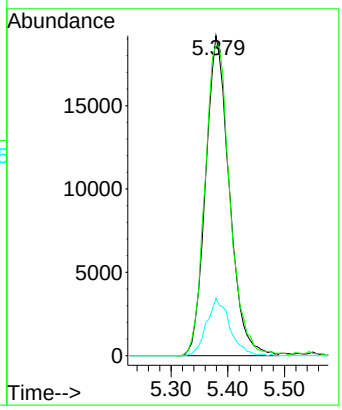




#35
Dibromofluoromethane
Concen: 50.367 ug/l
RT: 5.379 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:113 Resp: 5559(

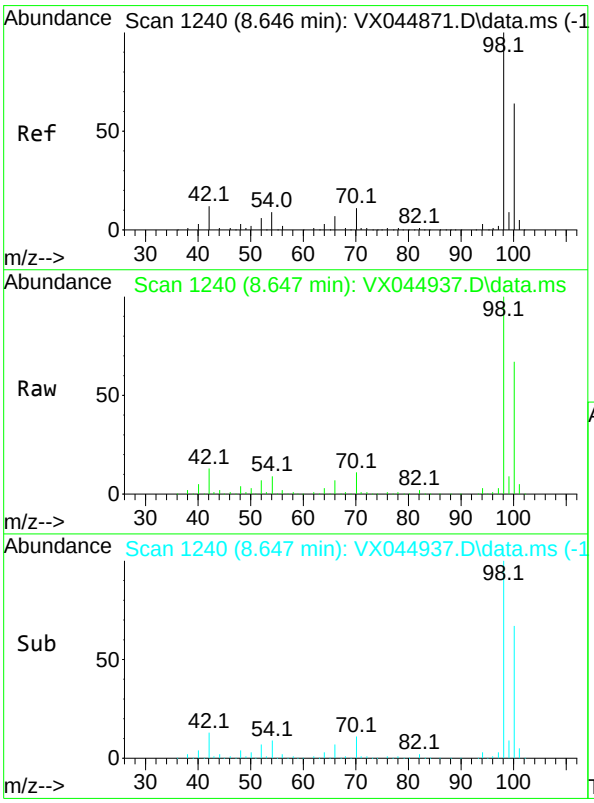
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	17.6	14.4	21.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

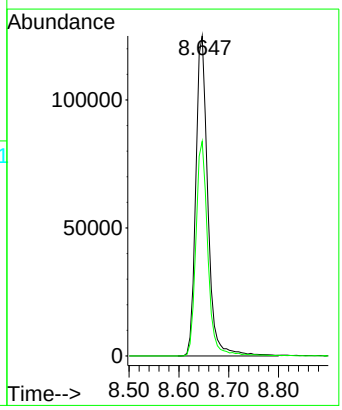
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

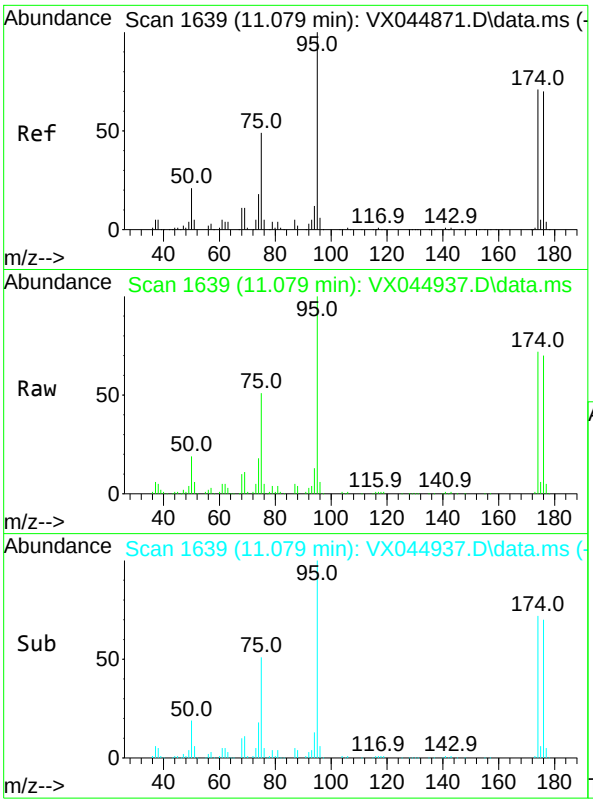


#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 98 Resp: 209257

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.7	79.1

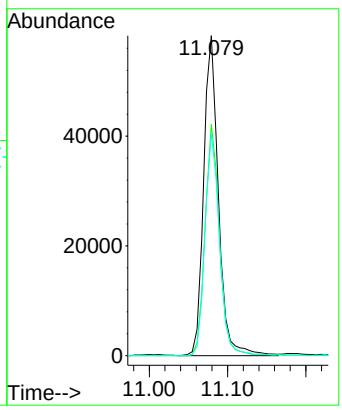




#62
4-Bromofluorobenzene
Concen: 54.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 95 Resp: 7642

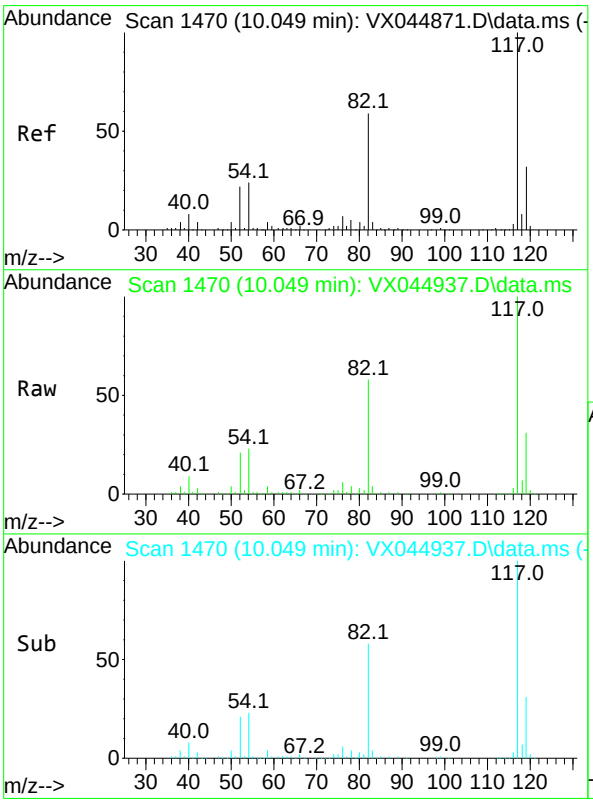
Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	142.6
176	68.6	0.0	141.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

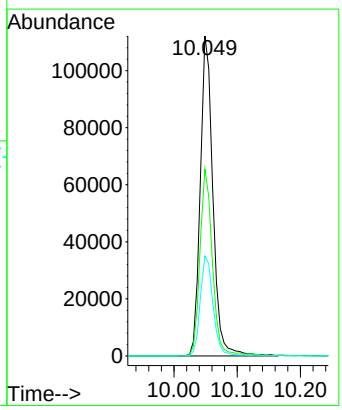
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

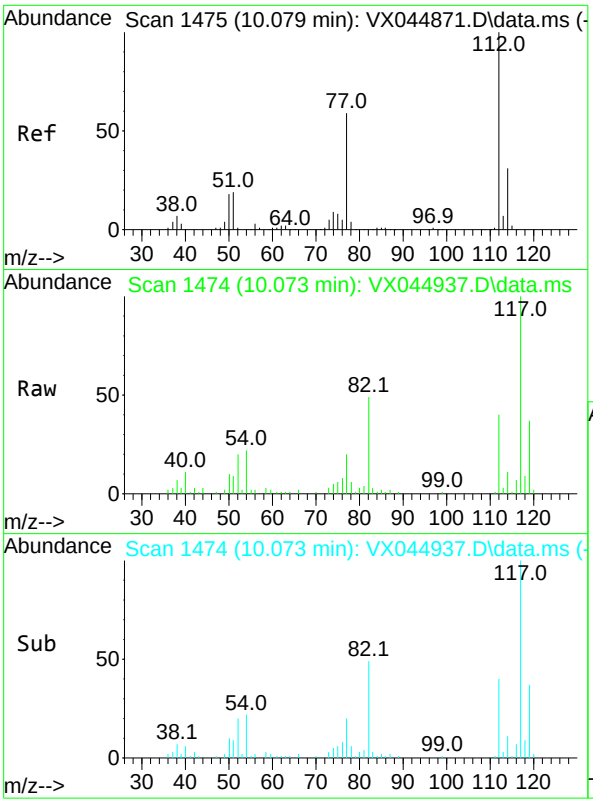


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:117 Resp: 156232

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.5	71.3
119	31.3	25.4	38.0

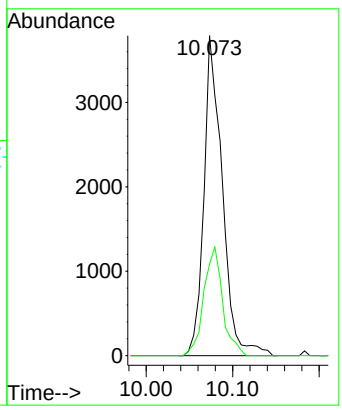




#65
Chlorobenzene
Concen: 1.665 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:112 Resp: 558

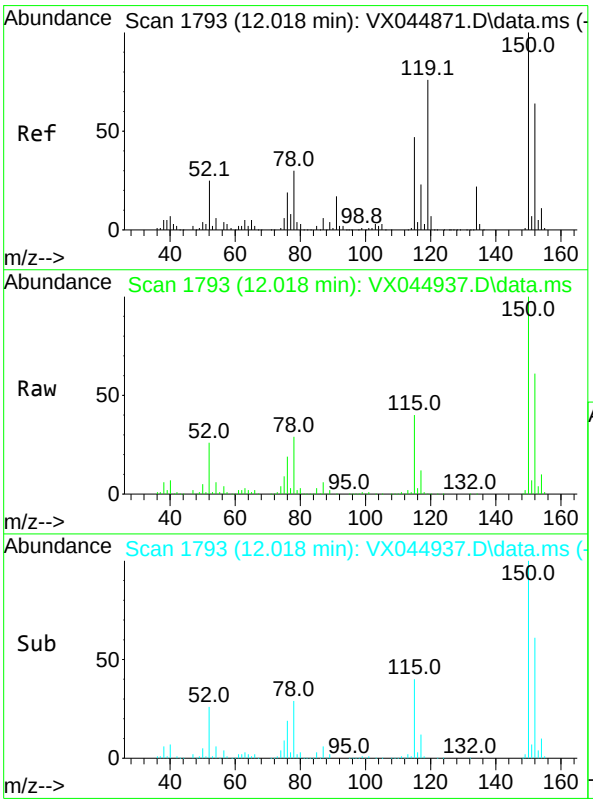
Ion	Ratio	Lower	Upper
112	100		
114	28.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

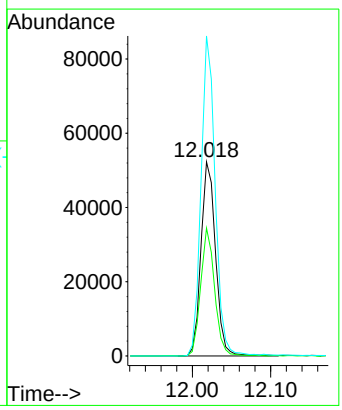
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

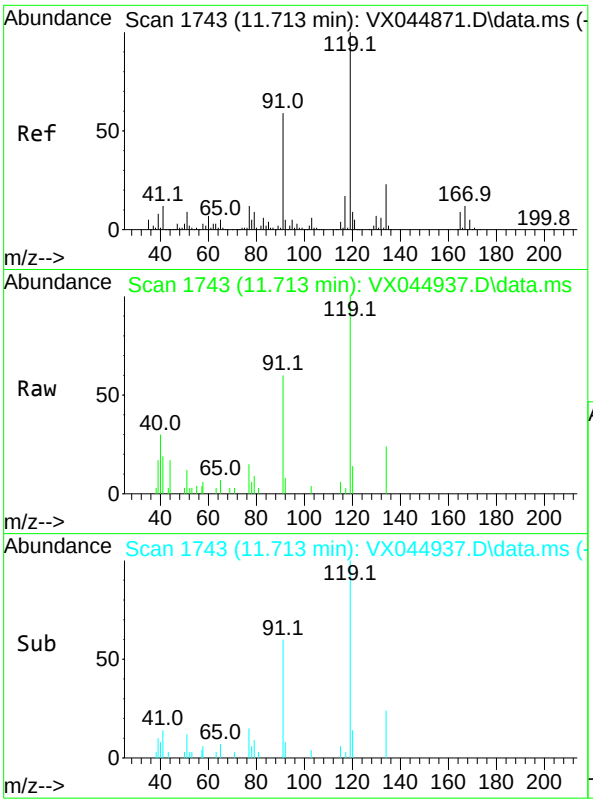


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:152 Resp: 67649

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.4	130.1
150	159.9	0.0	350.4

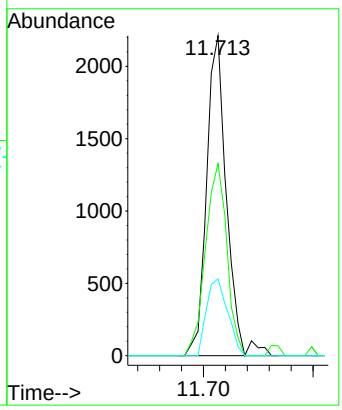




#83
tert-Butylbenzene
Concen: 0.623 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:119 Resp: 278

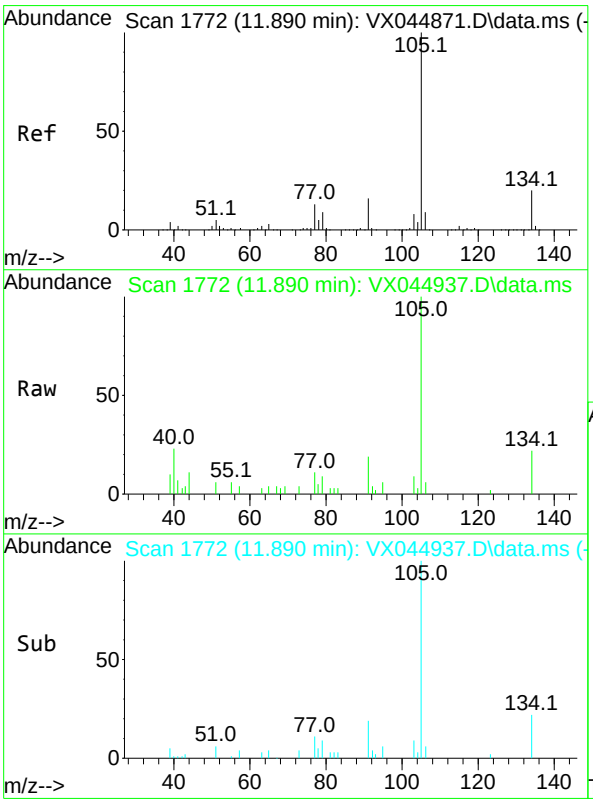
Ion	Ratio	Lower	Upper
119	100		
91	64.5	29.1	87.4
134	25.4	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

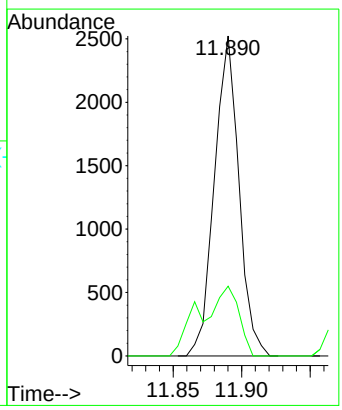
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

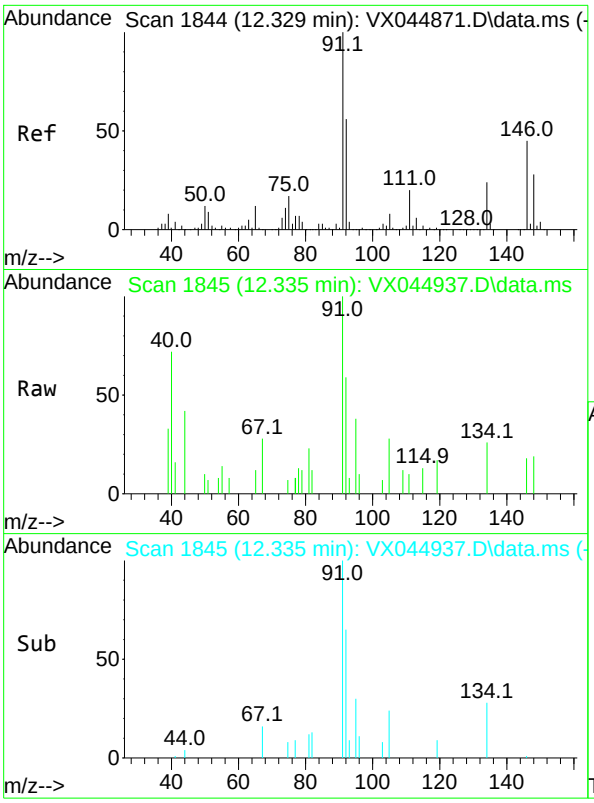


#85
sec-Butylbenzene
Concen: 0.565 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:105 Resp: 3127

Ion	Ratio	Lower	Upper
105	100		
134	22.3	9.8	29.3

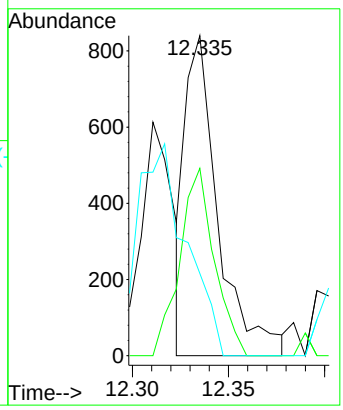




#89
n-Butylbenzene
Concen: 0.254 ug/l m
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 91 Resp: 99

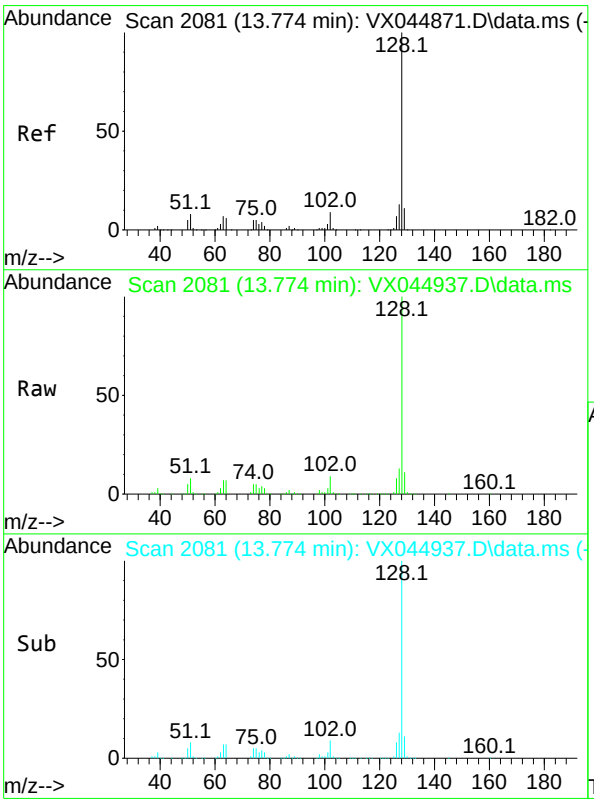
Ion	Ratio	Lower	Upper
91	100		
92	61.7	27.2	81.6
134	96.6	12.1	36.3#



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

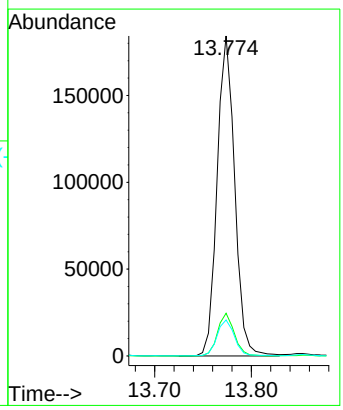
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#95
Naphthalene
Concen: 47.401 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:128 Resp: 231414

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.2	8.9	13.3



Sample Results: **VX044937.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

Signal : TIC: VX044937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	71	86	87	rBV6	6157	21702	3.91%	0.438%
2	2.934	297	303	313	rBV	3397	8045	1.45%	0.162%
3	5.379	694	704	720	rBV	62312	185113	33.37%	3.734%
4	5.544	720	731	746	rBV	87395	256998	46.32%	5.184%
5	5.952	786	798	812	rBV	70116	195779	35.29%	3.949%
6	6.757	921	930	954	rBV	160090	401951	72.45%	8.108%
7	8.647	1234	1240	1255	rBV	337080	554795	100.00%	11.191%
8	8.769	1256	1260	1265	rVB5	4205	7010	1.26%	0.141%
9	8.970	1288	1293	1302	rVB3	8608	15036	2.71%	0.303%
10	9.098	1304	1314	1320	rBV2	4154	7401	1.33%	0.149%
11	9.500	1376	1380	1386	rBV3	4654	8124	1.46%	0.164%
12	9.616	1394	1399	1402	rBV4	3355	6368	1.15%	0.128%
13	9.653	1402	1405	1415	rVB4	3655	7743	1.40%	0.156%
14	9.829	1430	1434	1440	rBV2	4155	6849	1.23%	0.138%
15	10.049	1465	1470	1486	rBV	353949	512577	92.39%	10.339%
16	10.177	1488	1491	1498	rVB6	3017	5721	1.03%	0.115%
17	10.274	1503	1507	1516	rVB6	7211	15967	2.88%	0.322%
18	10.451	1532	1536	1541	rVB3	4583	5657	1.02%	0.114%
19	10.585	1548	1558	1566	rBV5	9531	24905	4.49%	0.502%
20	10.866	1598	1604	1609	rBV7	3279	7397	1.33%	0.149%
21	11.079	1633	1639	1645	rBV	279910	360944	65.06%	7.281%
22	11.616	1720	1727	1733	rBV5	4329	8038	1.45%	0.162%
23	11.713	1737	1743	1746	rVV	7508	10394	1.87%	0.210%
24	11.866	1759	1768	1769	rBV2	4561	7544	1.36%	0.152%
25	11.890	1769	1772	1777	rVB	6123	8657	1.56%	0.175%
26	12.018	1788	1793	1803	rBV	355274	446389	80.46%	9.004%
27	12.128	1805	1811	1817	rVB8	3002	7732	1.39%	0.156%
28	12.244	1824	1830	1833	rBV3	10733	16450	2.97%	0.332%
29	12.268	1833	1834	1837	rVV	8964	7801	1.41%	0.157%
30	12.311	1837	1841	1850	rVB5	13103	23418	4.22%	0.472%
31	12.463	1862	1866	1871	rBV	7081	8680	1.56%	0.175%
32	12.530	1871	1877	1880	rBV2	5726	8294	1.49%	0.167%
33	12.609	1885	1890	1893	rBV2	8181	12077	2.18%	0.244%
34	12.646	1893	1896	1901	rVB3	6173	8677	1.56%	0.175%
35	12.725	1901	1909	1913	rBV4	16773	34043	6.14%	0.687%
36	12.835	1925	1927	1933	rVB3	8029	12144	2.19%	0.245%

Sample Results: **VX044937.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

37	12.920	1933	1941	1944	rBV2	14582	25676	4.63%	0.518%
38	12.963	1944	1948	1954	rVB2	15739	23005	4.15%	0.464%
39	13.024	1954	1958	1964	rBV3	13818	26724	4.82%	0.539%
40	13.134	1967	1976	1979	rBV3	14505	26742	4.82%	0.539%
41	13.250	1991	1995	1998	rBV3	11139	15615	2.81%	0.315%
42	13.292	1998	2002	2006	rVV	20386	27613	4.98%	0.557%
43	13.432	2021	2025	2031	rVB5	8090	15388	2.77%	0.310%
44	13.506	2031	2037	2040	rBV2	13787	21446	3.87%	0.433%
45	13.542	2040	2043	2045	rBV	10877	12241	2.21%	0.247%
46	13.579	2045	2049	2054	rBV4	30779	53578	9.66%	1.081%
47	13.664	2060	2063	2068	rVB2	26387	40399	7.28%	0.815%
48	13.774	2074	2081	2089	rVV	390329	496342	89.46%	10.012%
49	13.853	2089	2094	2099	rVB	36637	53204	9.59%	1.073%
50	13.926	2099	2106	2110	rBV2	34399	55601	10.02%	1.122%
51	13.969	2110	2113	2117	rVV2	14675	20659	3.72%	0.417%
52	14.006	2117	2119	2126	rVB4	8467	11687	2.11%	0.236%
53	14.073	2126	2130	2134	rBV2	27302	35746	6.44%	0.721%
54	14.213	2147	2153	2162	rBV2	37354	67495	12.17%	1.361%
55	14.286	2162	2165	2167	rVV4	5715	6538	1.18%	0.132%
56	14.316	2167	2170	2175	rVV2	22159	31110	5.61%	0.628%
57	14.371	2175	2179	2183	rVV	39535	49490	8.92%	0.998%
58	14.414	2183	2186	2192	rVB3	11386	16075	2.90%	0.324%
59	14.481	2192	2197	2202	rBV2	39068	60507	10.91%	1.220%
60	14.524	2202	2204	2210	rVB4	5203	6325	1.14%	0.128%
61	14.615	2215	2219	2225	rVV	56939	98100	17.68%	1.979%
62	14.670	2225	2228	2233	rVB	38709	48155	8.68%	0.971%
63	14.725	2233	2237	2241	rBV4	13536	18757	3.38%	0.378%
64	14.786	2243	2247	2248	rBV4	5037	6300	1.14%	0.127%
65	14.816	2248	2252	2255	rVV	21450	31381	5.66%	0.633%
66	14.847	2255	2257	2261	rVB2	19584	21283	3.84%	0.429%
67	14.902	2261	2266	2272	rBV3	20184	38406	6.92%	0.775%
68	15.048	2283	2290	2295	rBV6	8926	19597	3.53%	0.395%
69	15.182	2302	2312	2319	rBV2	40852	77668	14.00%	1.567%
70	15.249	2319	2323	2330	rVB9	6246	15551	2.80%	0.314%
71	15.322	2330	2335	2339	rVB5	3862	5920	1.07%	0.119%
72	15.371	2339	2343	2347	rBV5	8244	14857	2.68%	0.300%
73	15.481	2352	2361	2364	rVV5	14145	28260	5.09%	0.570%
74	15.530	2364	2369	2373	rVV5	10502	25592	4.61%	0.516%
75	15.609	2377	2382	2387	rVV4	20405	39901	7.19%	0.805%
76	15.652	2387	2389	2396	rVB5	5352	9655	1.74%	0.195%

Sample Results: **VX044937.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

77	15.847	2416	2421	2425	rVV6	5461	9559	1.72%	0.193%
78	15.877	2425	2426	2433	rVB5	3472	5616	1.01%	0.113%
79	16.292	2486	2494	2500	rBV7	2942	7407	1.34%	0.149%

Sum of corrected areas: 4957591

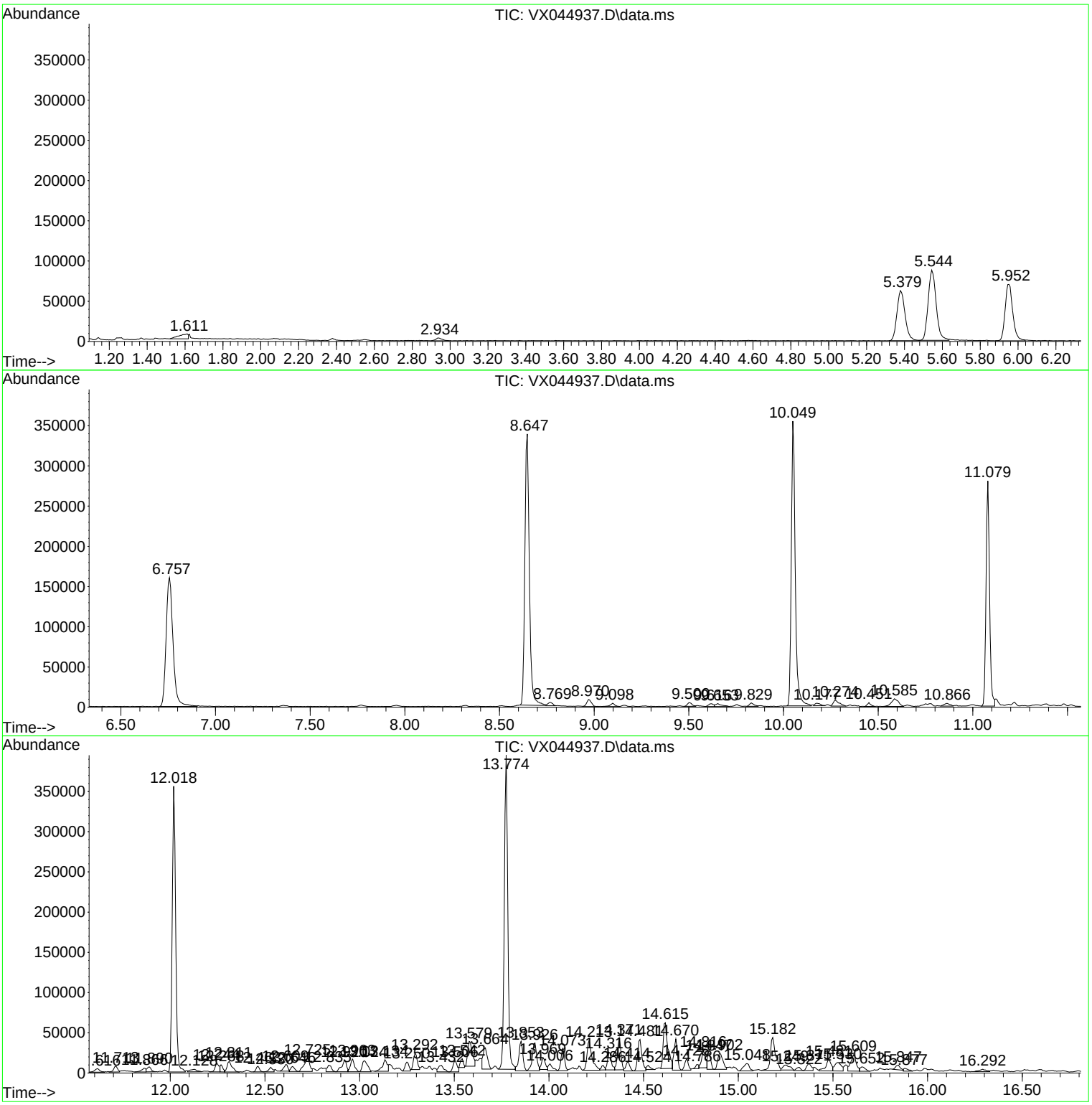
Sample Results: **VX044937.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

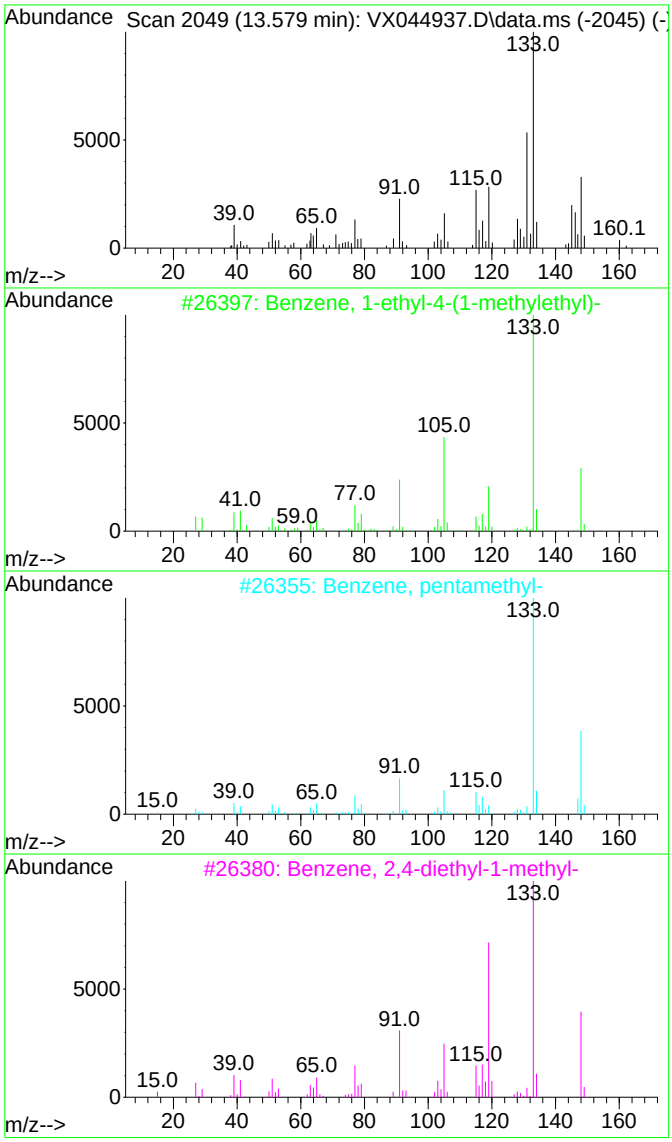
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

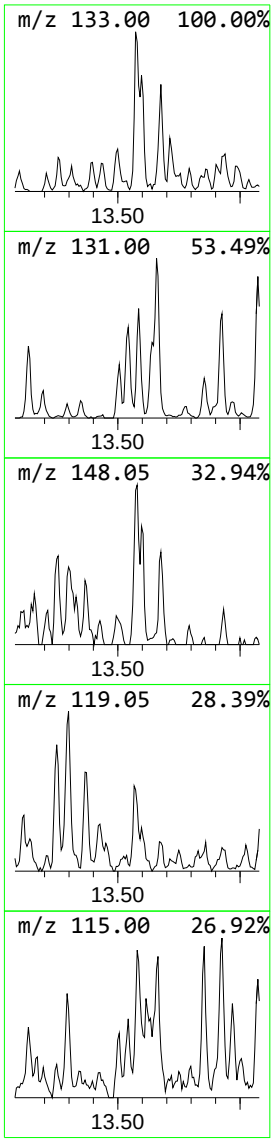
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	6.00 ug/l	53578	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	53
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

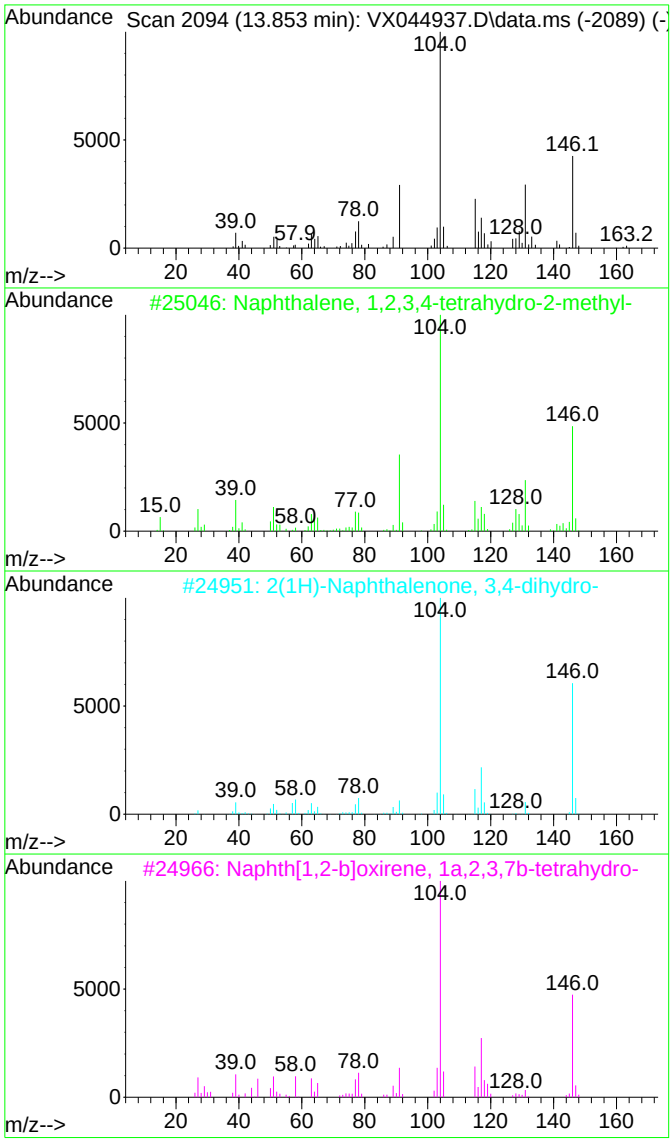
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

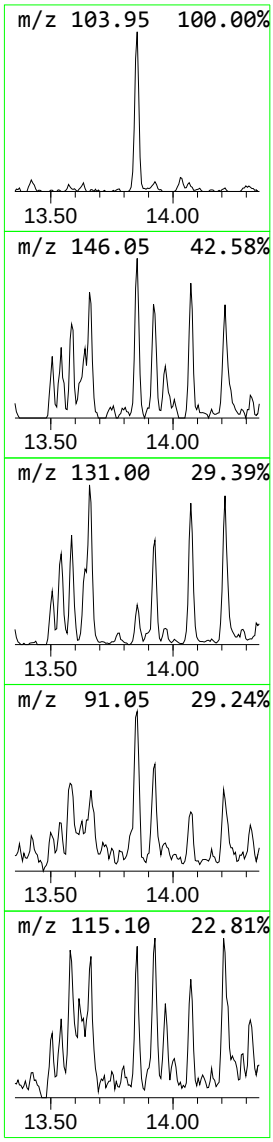
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.853	5.96 ug/l	53204	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	40
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

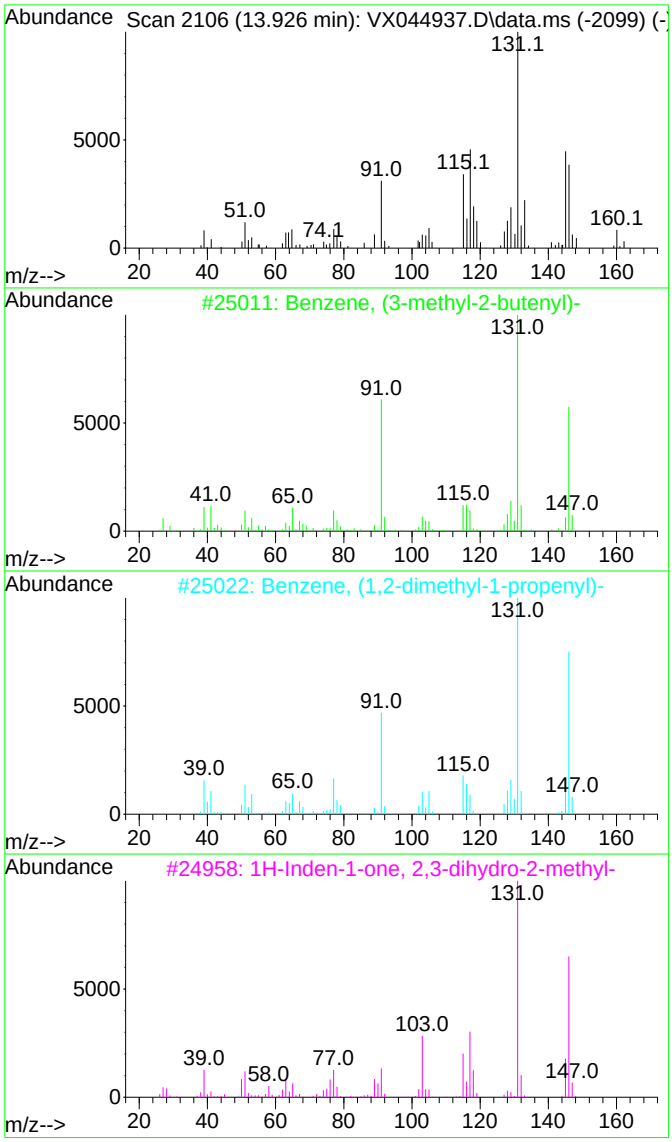
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

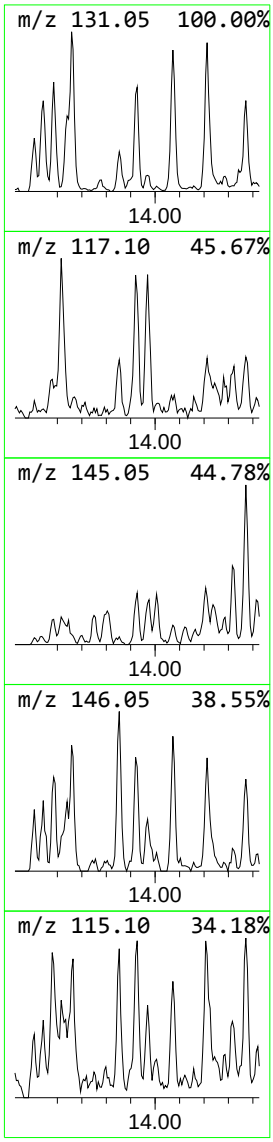
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	6.23 ug/l	55601	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

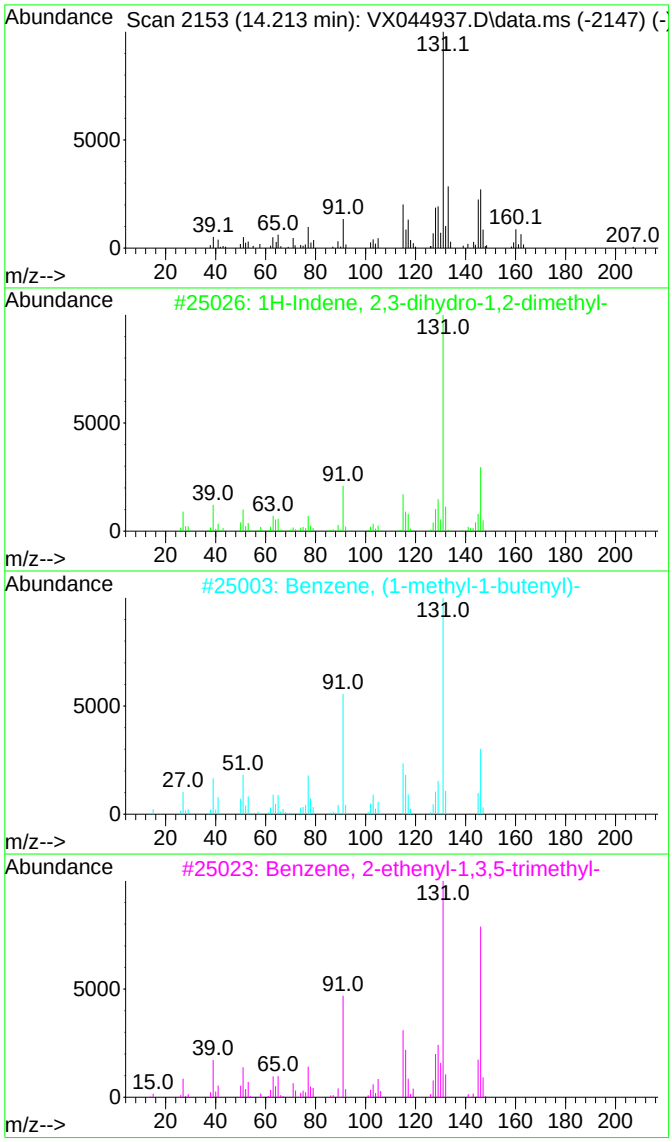
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

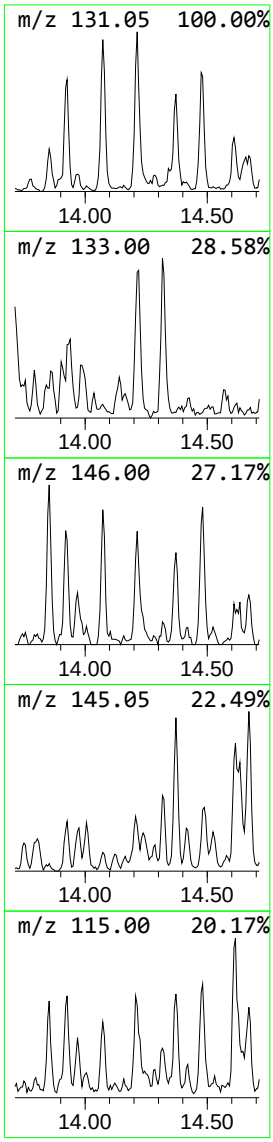
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	7.56 ug/l	67495	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

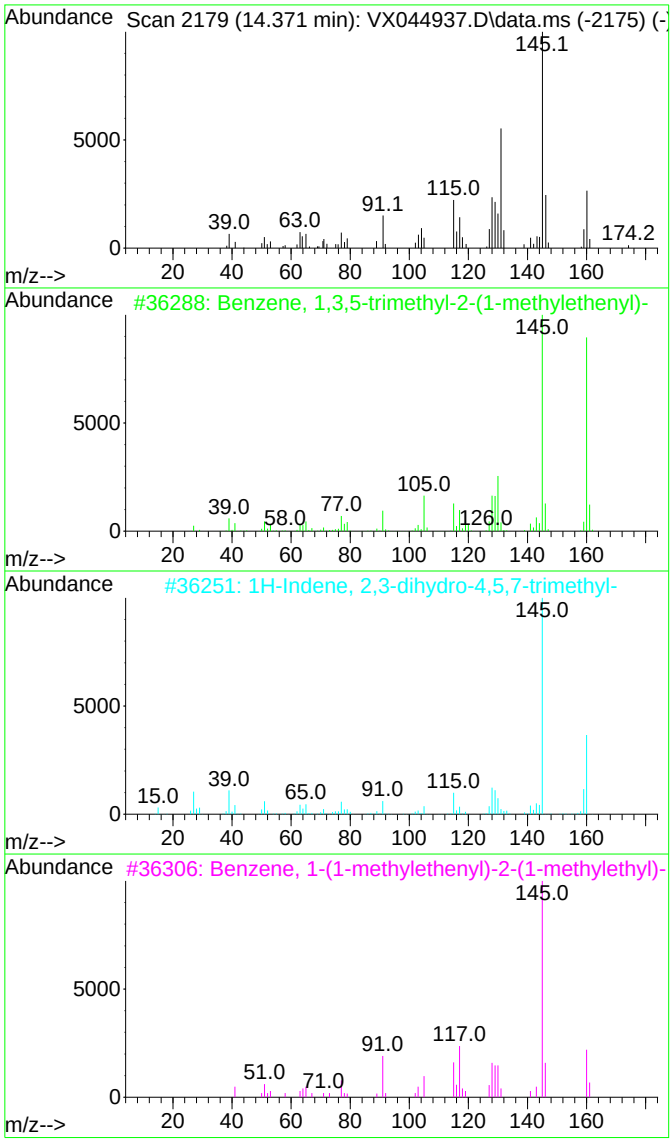
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

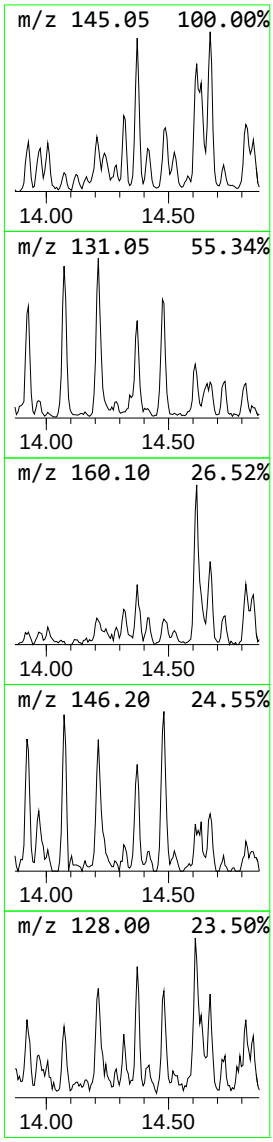
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	5.54 ug/l	49490	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	62
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

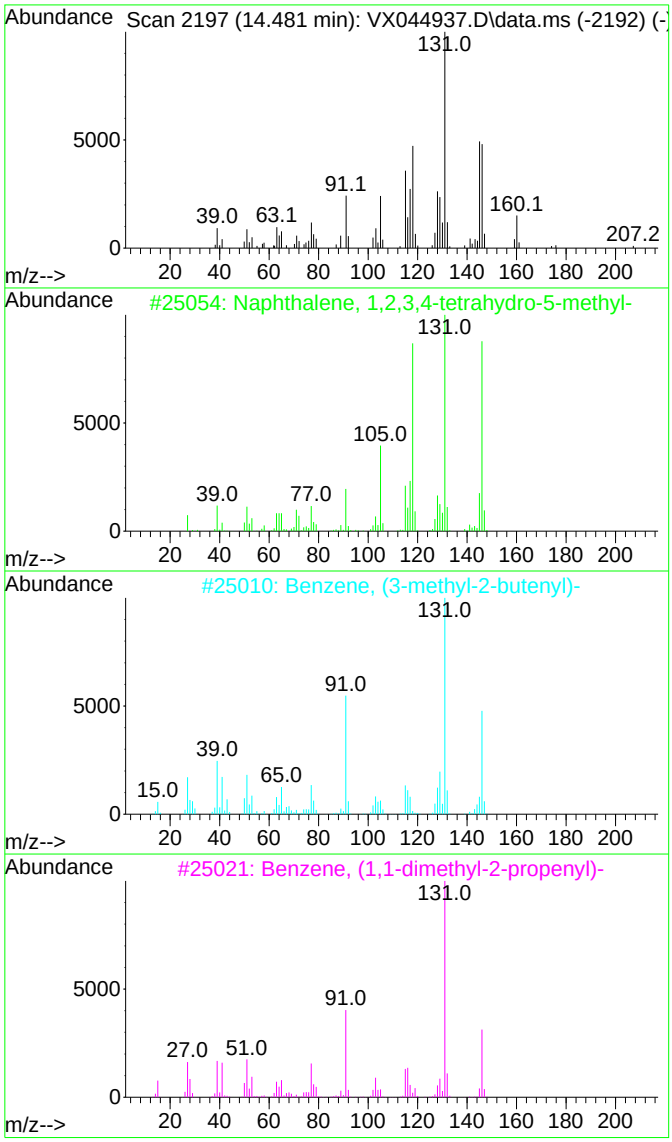
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

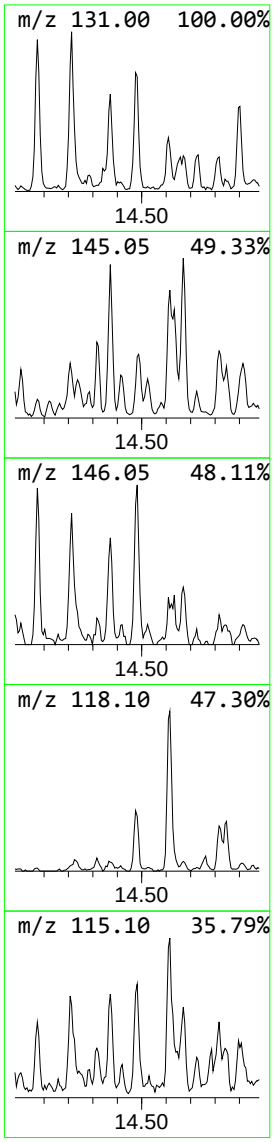
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	6.78 ug/l	60507	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	49
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

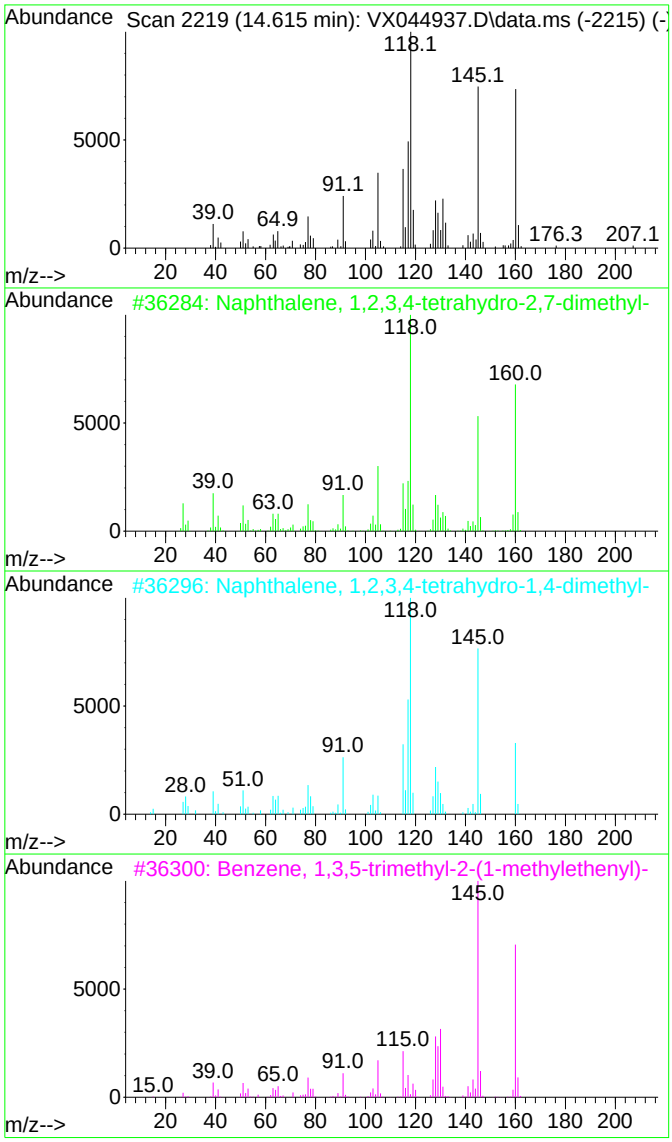
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

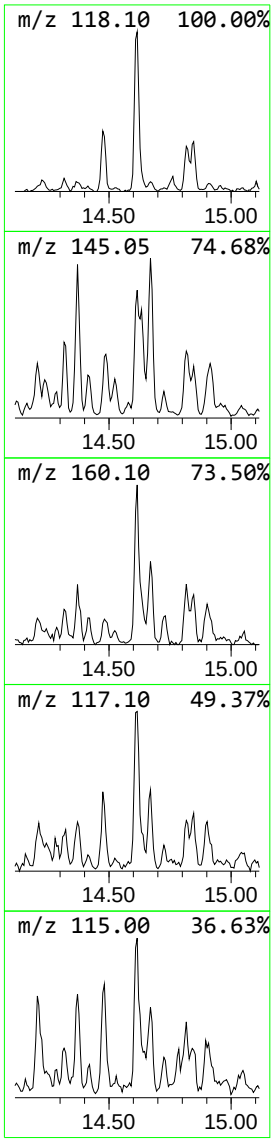
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	10.99 ug/l	98100	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

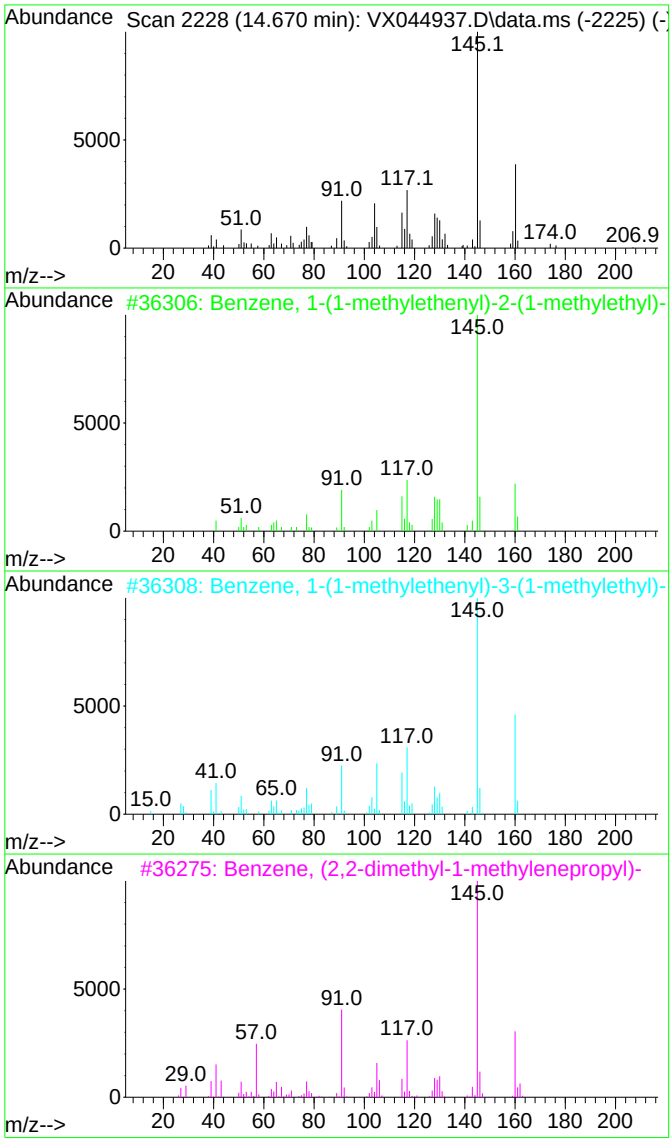
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

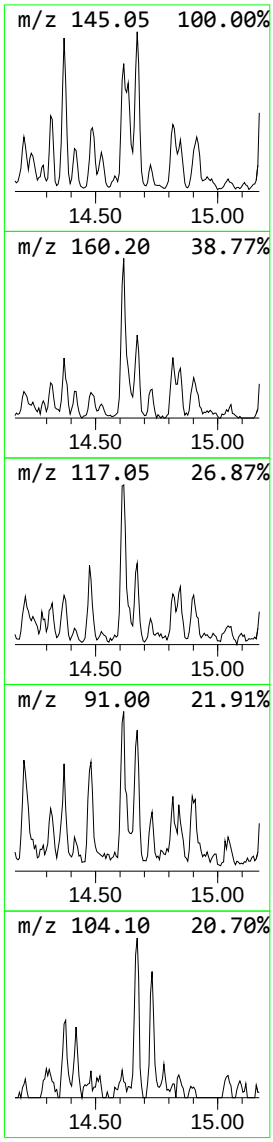
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-(1-methylethenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	5.39 ug/l	48155	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	90
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	83
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

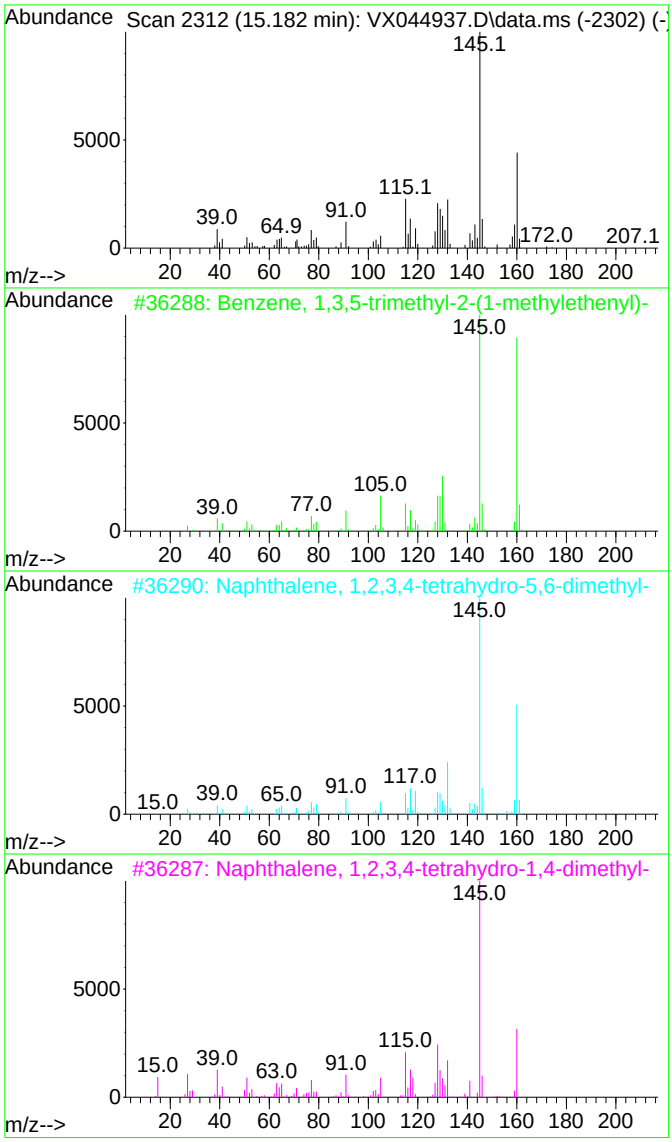
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

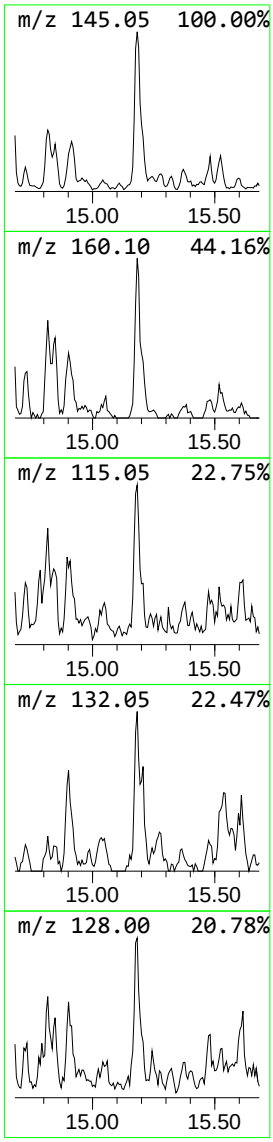
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	8.70 ug/l	77668	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.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
Benzene, 1-ethy...	13.579	6.0	ug/l	53578	4	12.018	446389	50.0
Naphthalene, 1,...	13.853	6.0	ug/l	53204	4	12.018	446389	50.0
Benzene, (3-met...	13.926	6.2	ug/l	55601	4	12.018	446389	50.0
1H-Indene, 2,3-...	14.213	7.6	ug/l	67495	4	12.018	446389	50.0
Benzene, 1,3,5-...	14.371	5.5	ug/l	49490	4	12.018	446389	50.0
Naphthalene, 1,...	14.481	6.8	ug/l	60507	4	12.018	446389	50.0
Naphthalene, 1,...	14.615	11.0	ug/l	98100	4	12.018	446389	50.0
Benzene, 1-(1-m...	14.670	5.4	ug/l	48155	4	12.018	446389	50.0
Naphthalene, 1,...	15.182	8.7	ug/l	77668	4	12.018	446389	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: Feb 13 00:52:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

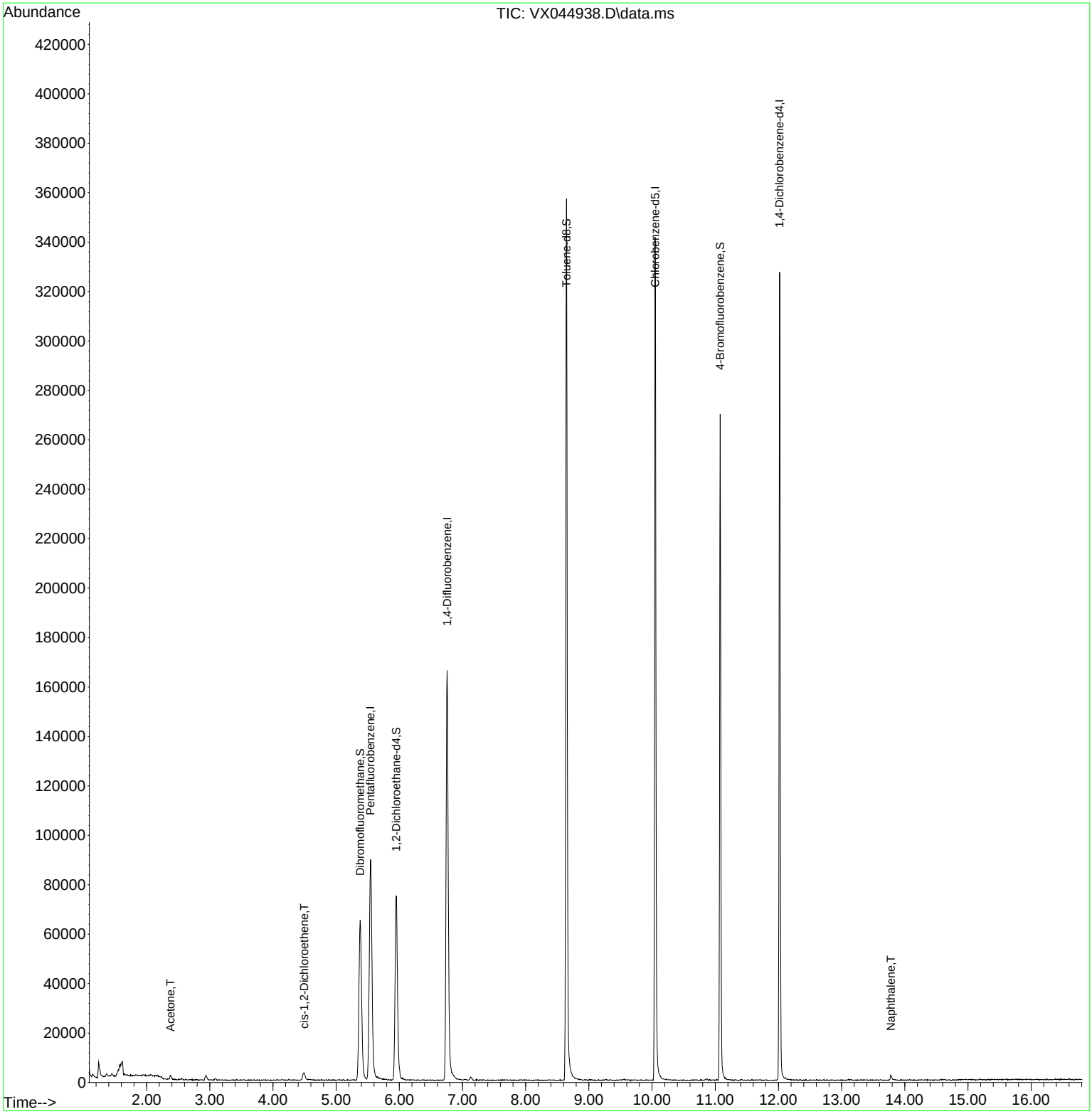
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	85678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69720	55.590	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.180%			
35) Dibromofluoromethane	5.379	113	58379	51.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.647	98	216198	50.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	71446	49.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.420%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1848	3.665	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	2073	1.588	ug/l	94
95) Naphthalene	13.780	128	2579	0.574	ug/l #	90

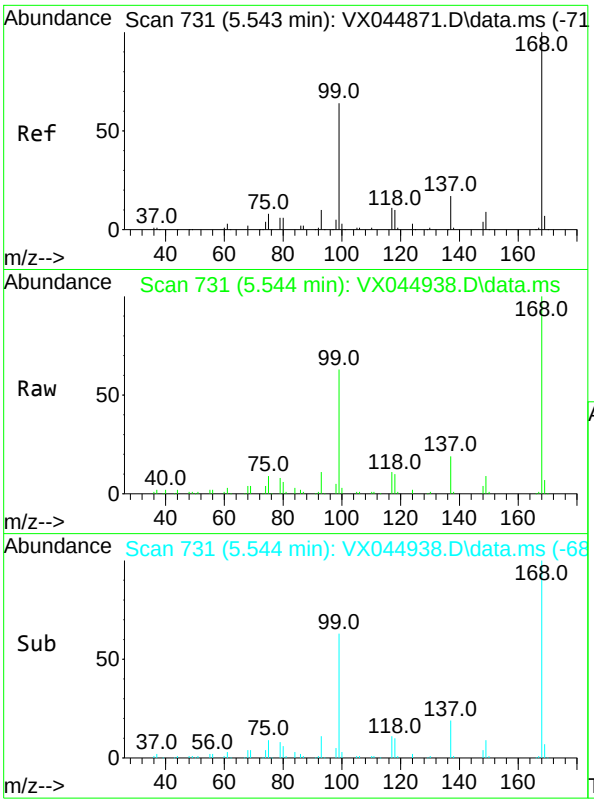
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: Feb 13 00:52:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



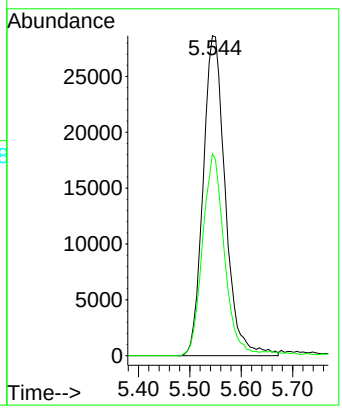


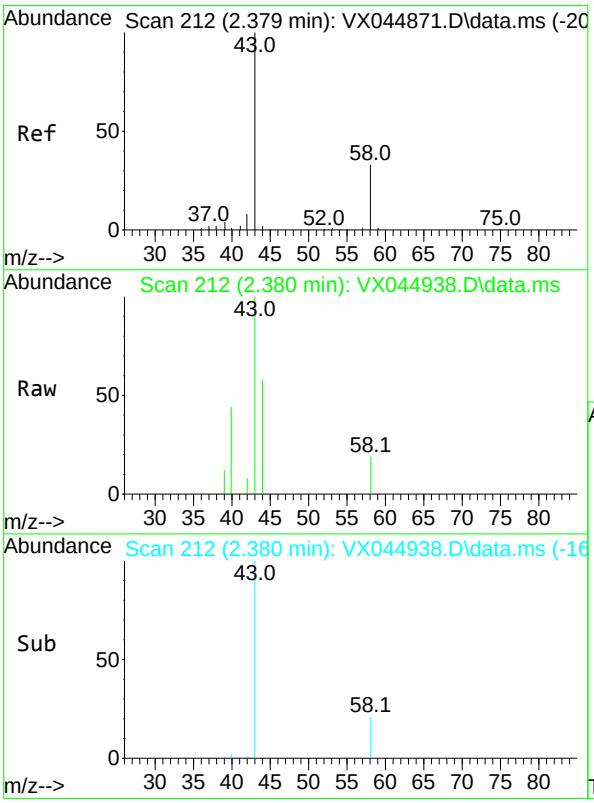
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:168 Resp: 85678

Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.2	76.8

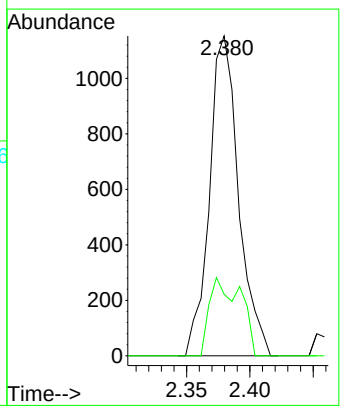


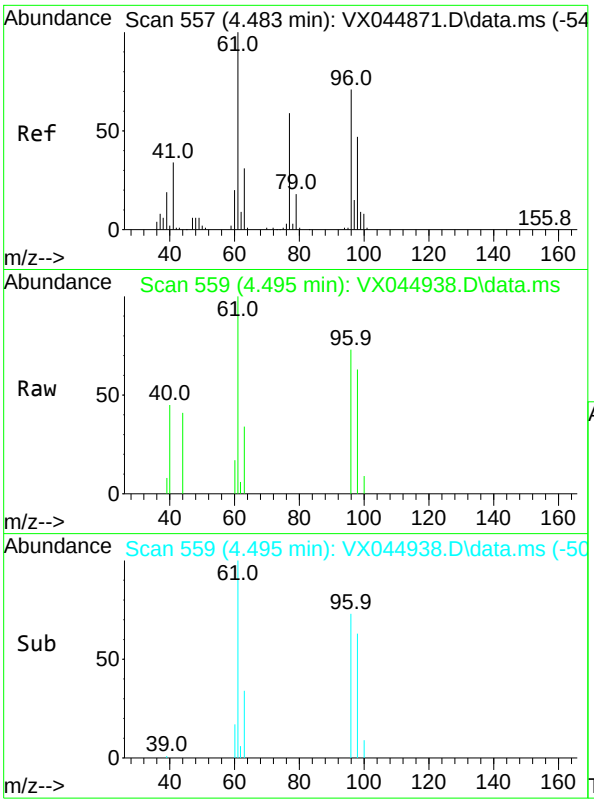


#16
Acetone
Concen: 3.665 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 43 Resp: 1848

Ion	Ratio	Lower	Upper
43	100		
58	19.3	26.5	39.7#



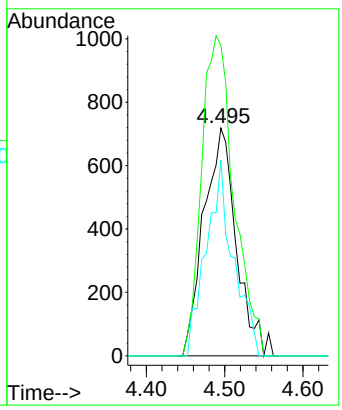


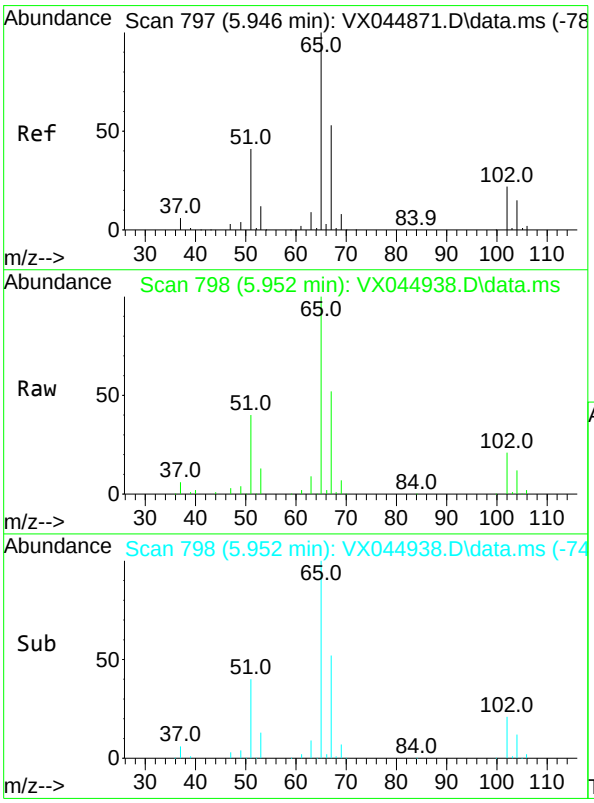
#27
cis-1,2-Dichloroethene
Concen: 1.588 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.013 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 96 Resp: 2073

Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	294.0
98	71.6	0.0	131.2

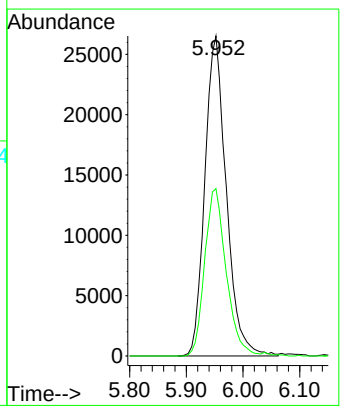


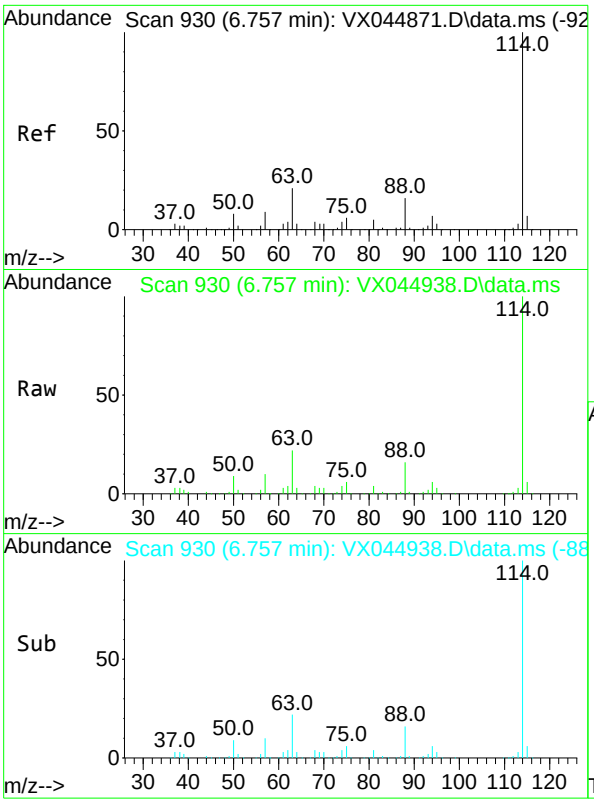


#33
1,2-Dichloroethane-d4
Concen: 55.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 65 Resp: 69720

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.2



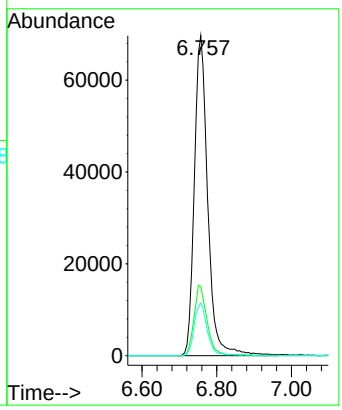


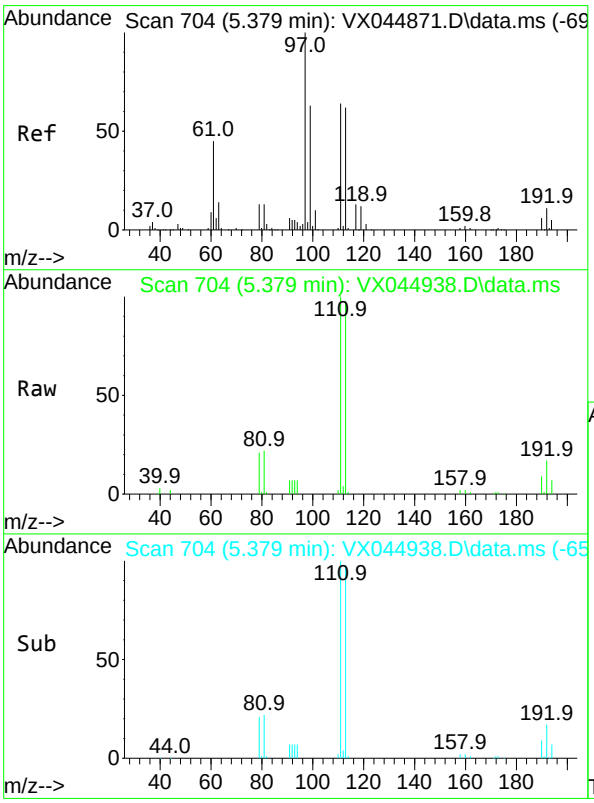
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:114 Resp: 173415

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.4	0.0	31.4

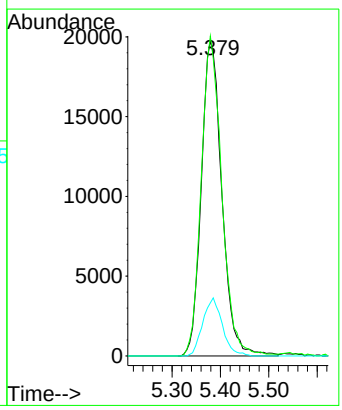


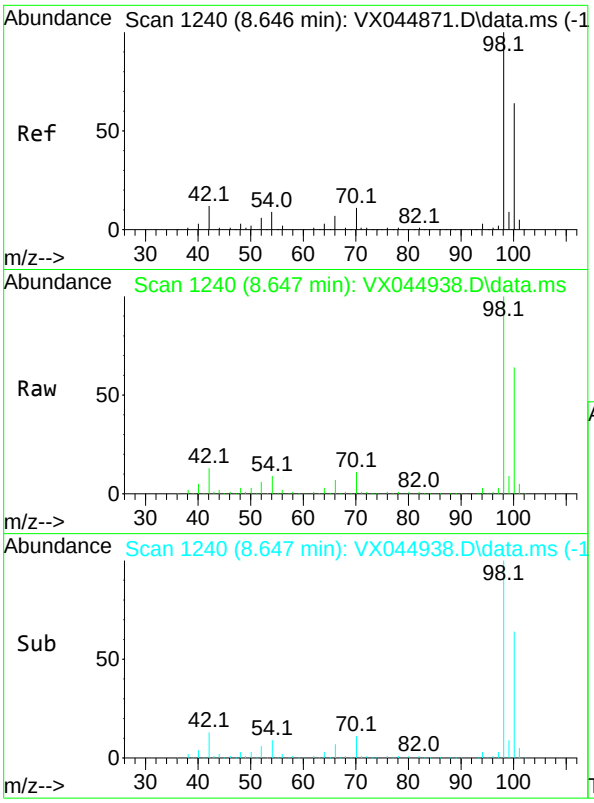


#35
Dibromofluoromethane
Concen: 51.778 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:113 Resp: 58379

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.5	125.3
192	17.5	14.4	21.6



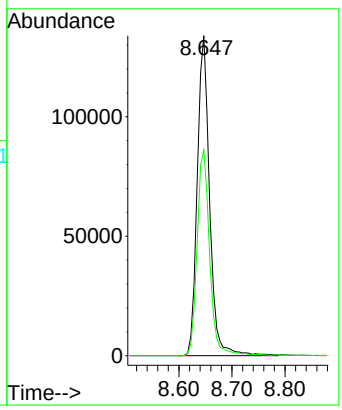


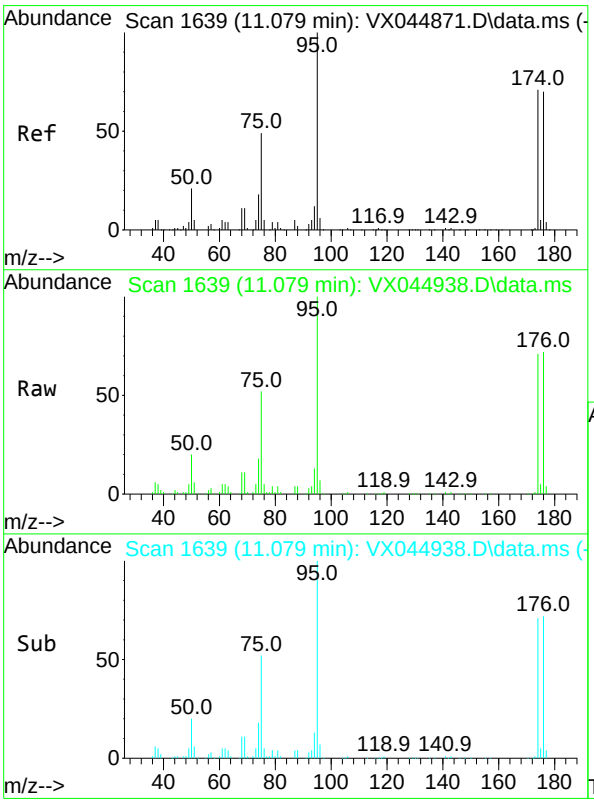
#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 98 Resp: 216198

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

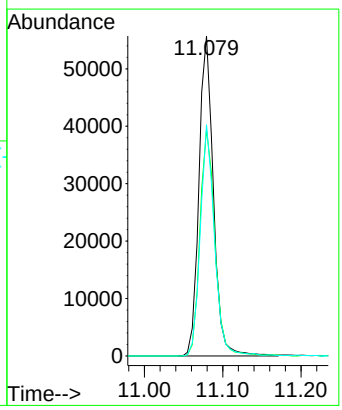


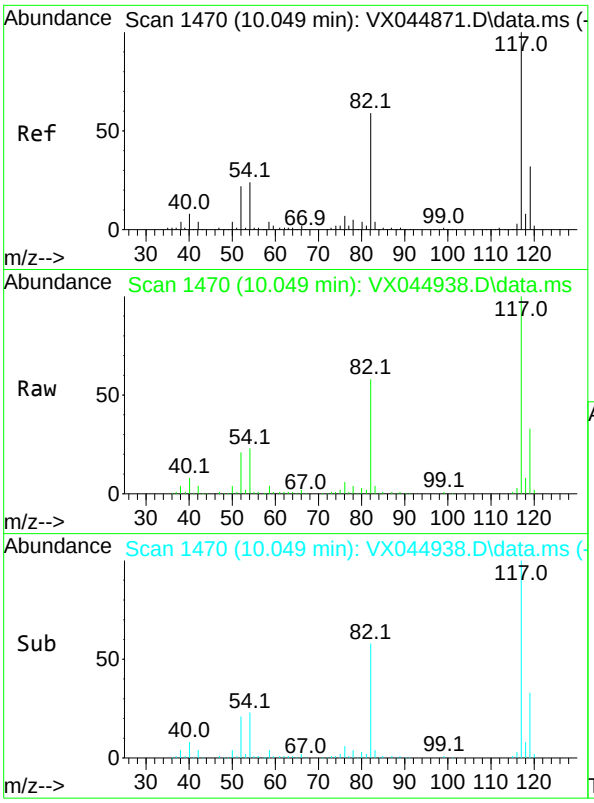


#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 95 Resp: 71446

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	142.6
176	71.0	0.0	141.6



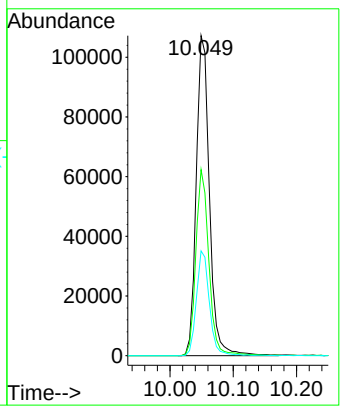


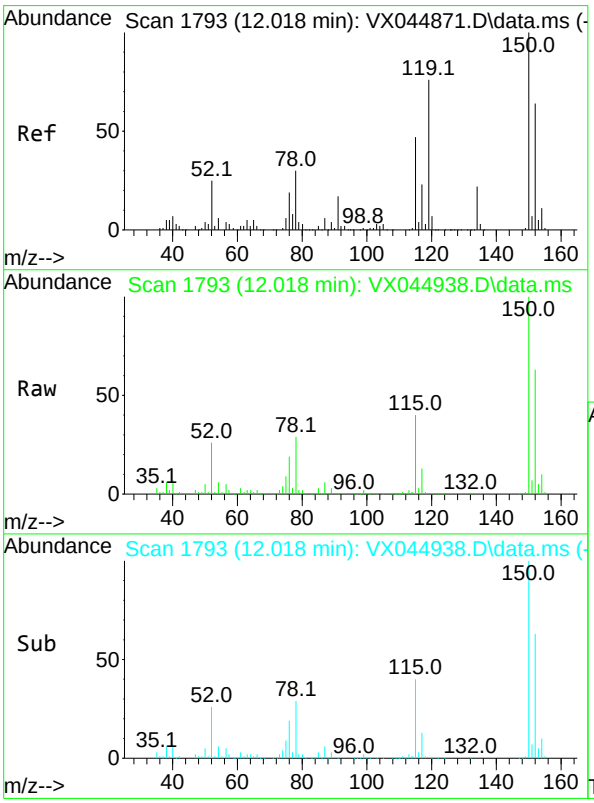
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:117 Resp: 155759

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.5	71.3
119	32.7	25.4	38.0

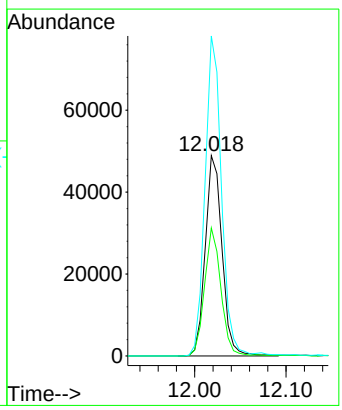


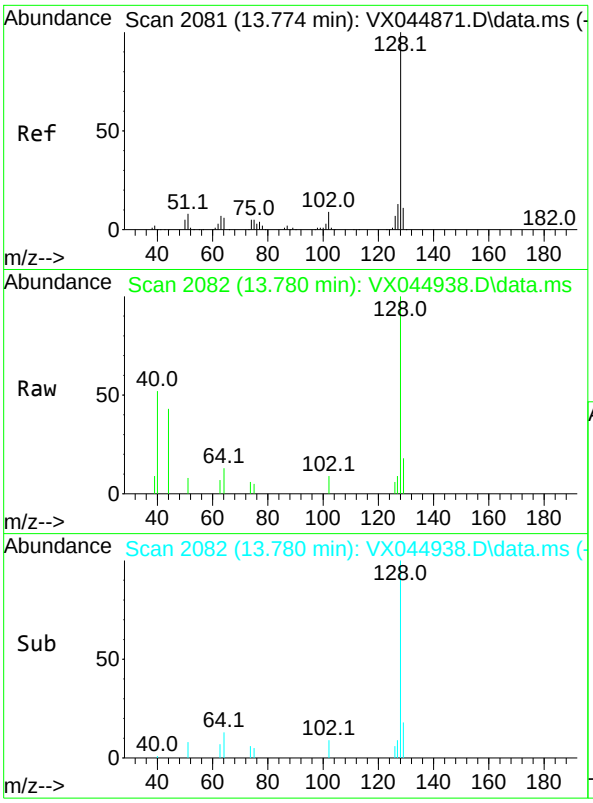


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:152 Resp: 62222

Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.4	130.1
150	158.0	0.0	350.4



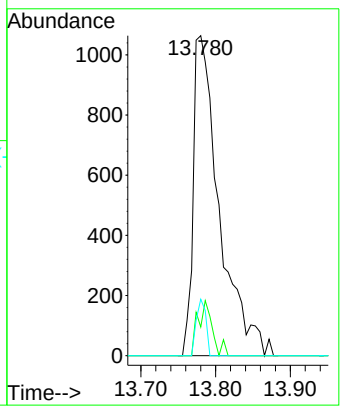


#95
Naphthalene
Concen: 0.574 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:128 Resp: 2579

Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.1	15.1#
129	6.5	8.9	13.3#



Sample Results: **VX044938.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

Signal : TIC: VX044938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.240	22	25	34	rBV2	6478	12411	2.15%	0.425%
2	1.575	70	80	81	rBV4	4756	10333	1.79%	0.354%
3	1.618	83	87	90	rVB6	5471	9382	1.62%	0.321%
4	4.489	548	558	568	rBV3	3016	8629	1.49%	0.295%
5	5.379	694	704	721	rBV2	64735	191545	33.12%	6.558%
6	5.544	721	731	746	rBV	88920	260322	45.01%	8.913%
7	5.952	789	798	813	rBV	74529	198432	34.31%	6.794%
8	6.757	921	930	954	rBV	165678	409269	70.76%	14.012%
9	8.647	1233	1240	1255	rBV	356585	578400	100.00%	19.803%
10	10.049	1465	1470	1489	rBV	341140	492476	85.14%	16.861%
11	11.079	1634	1639	1651	rBV	269361	347983	60.16%	11.914%
12	12.018	1788	1793	1806	rBV	326791	401623	69.44%	13.750%

Sum of corrected areas: 2920805

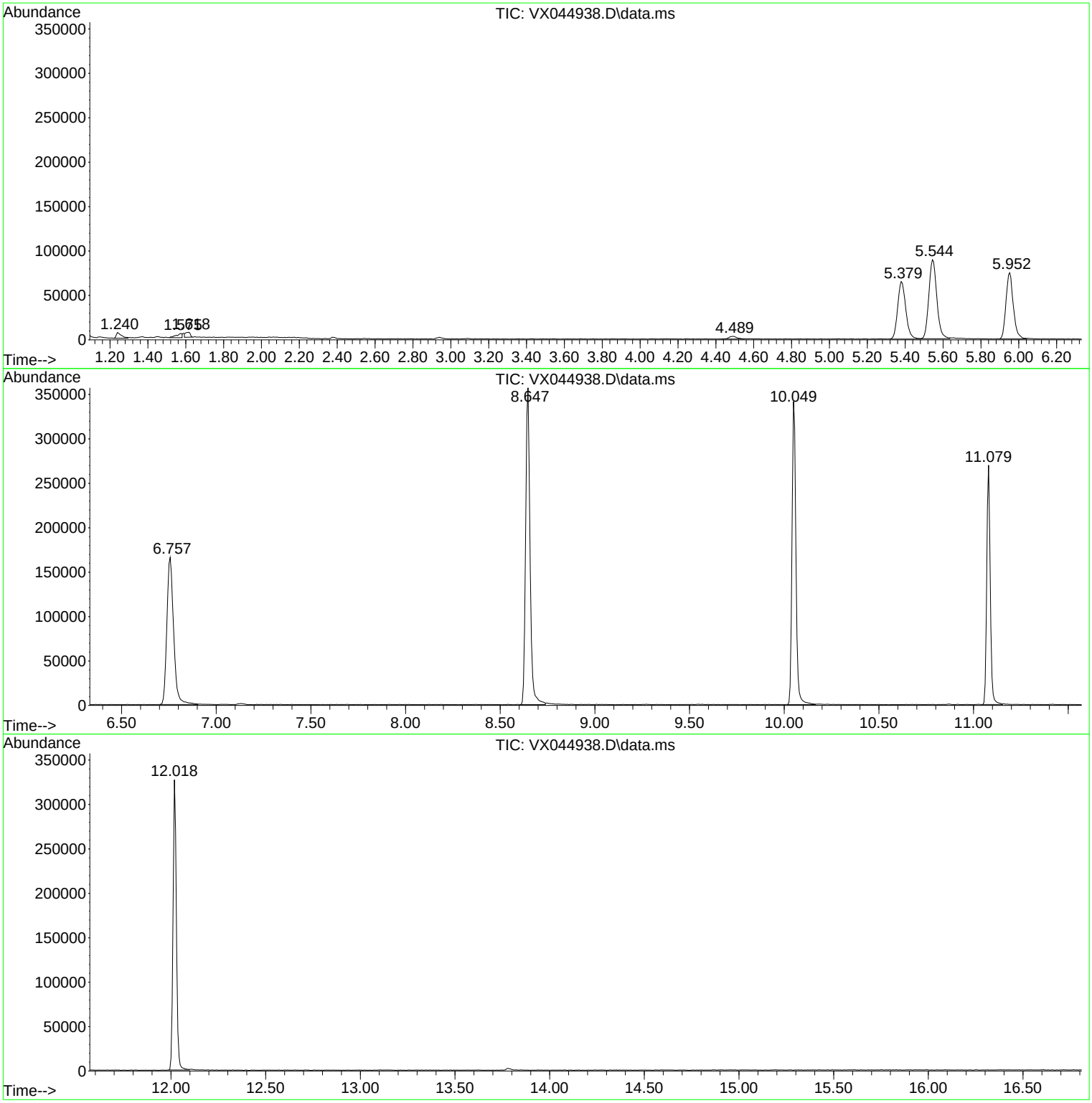
Sample Results: **VX044938.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX044938.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Time: Feb 13 00:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

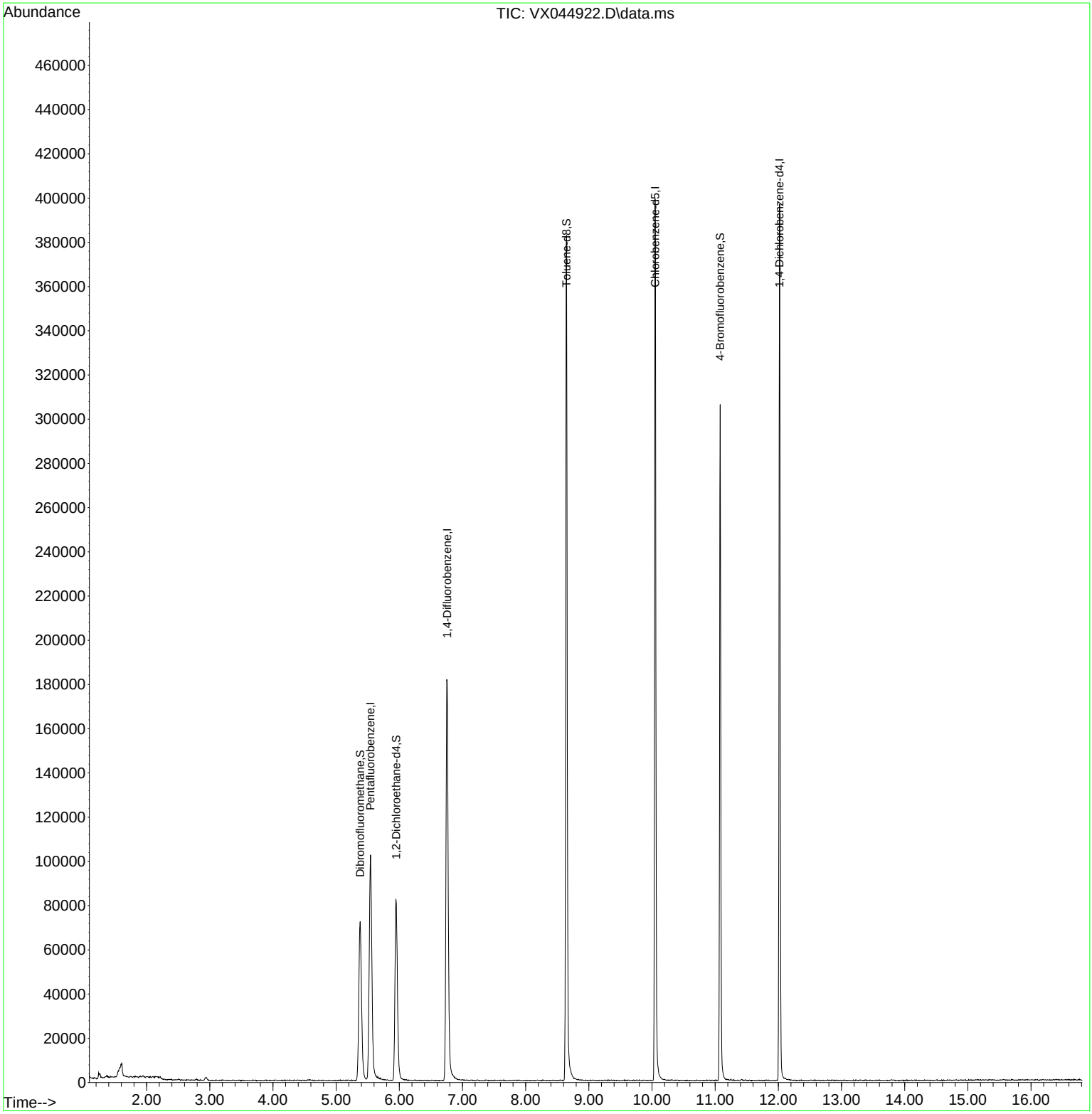
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76805	54.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	5.379	113	64443	50.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	239094	50.011	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.079	95	82286	51.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			
Target Compounds						Qvalue

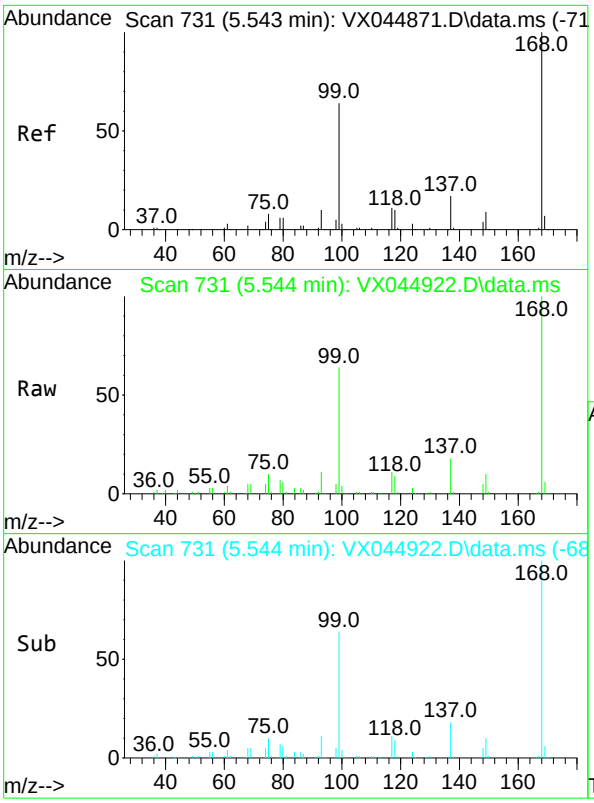
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Time: Feb 13 00:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



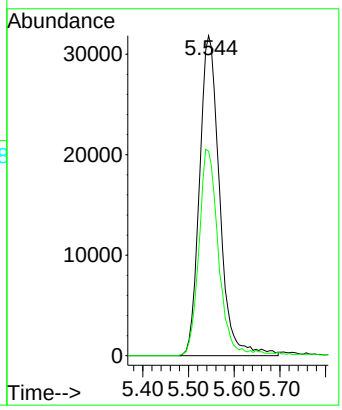


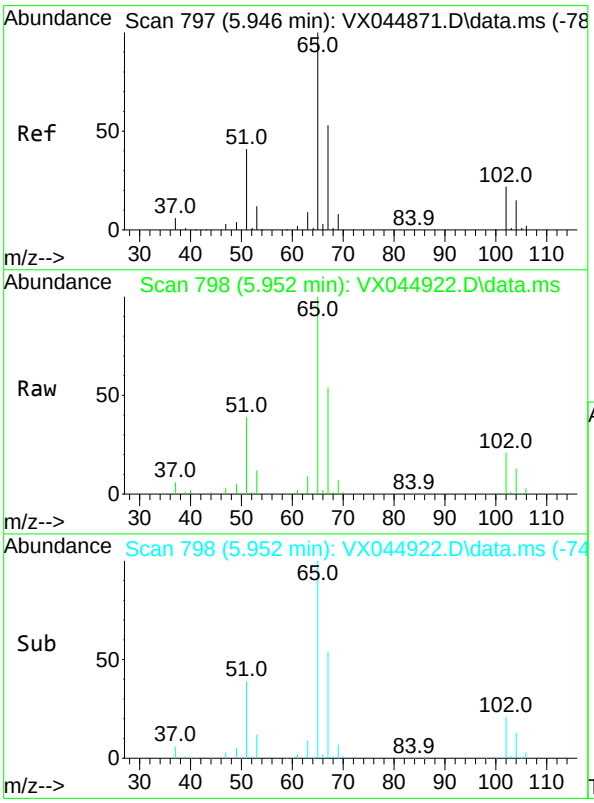
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:168 Resp: 96997

Ion	Ratio	Lower	Upper
168	100		
99	63.9	51.2	76.8

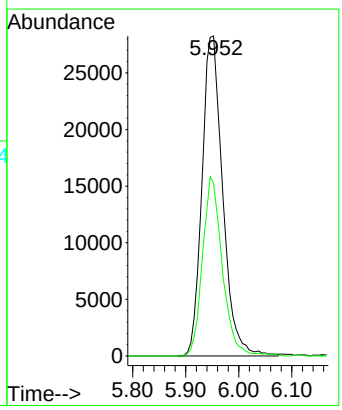


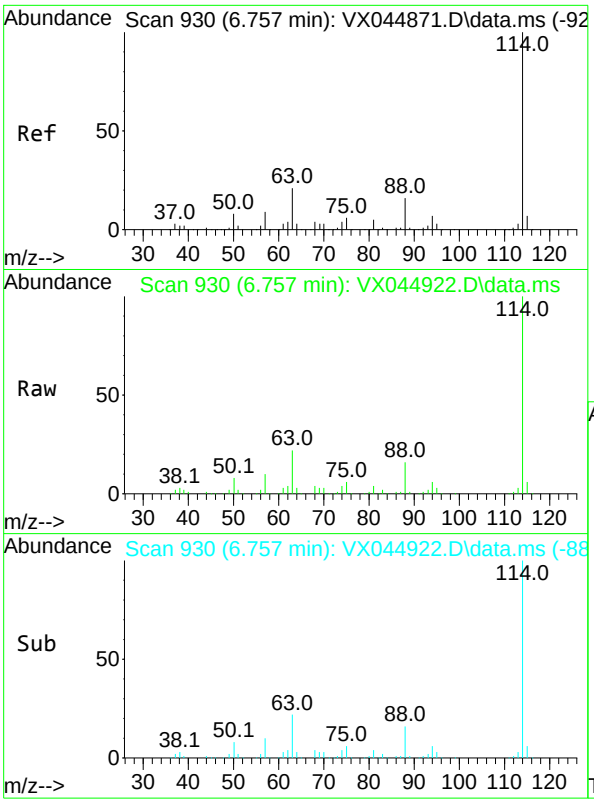


#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 65 Resp: 76805

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.2



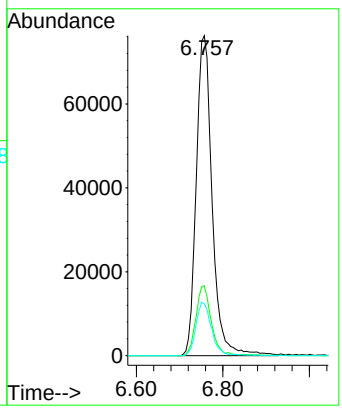


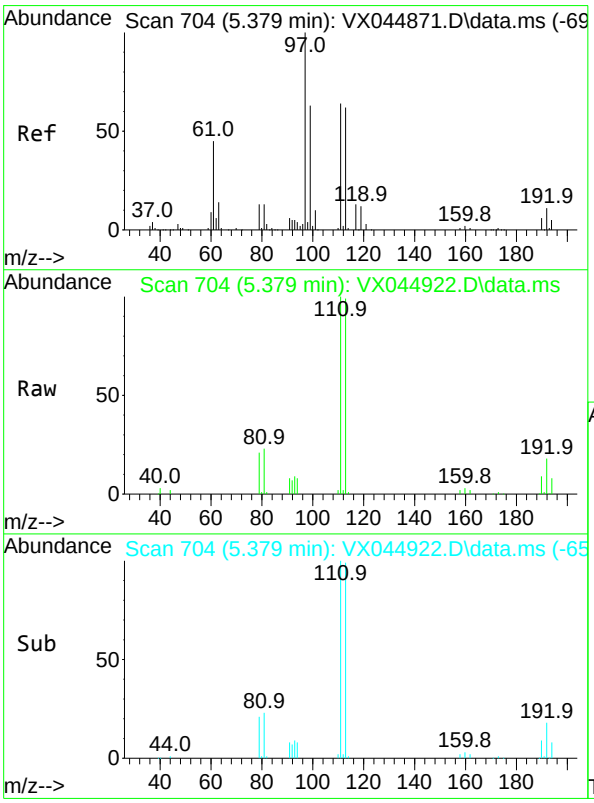
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:114 Resp: 194457

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.2	0.0	31.4

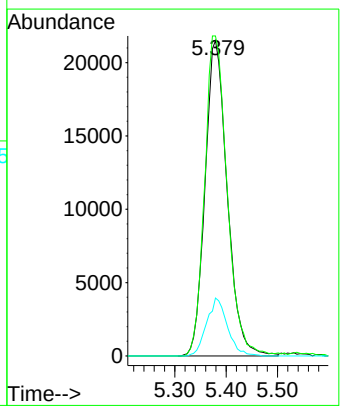


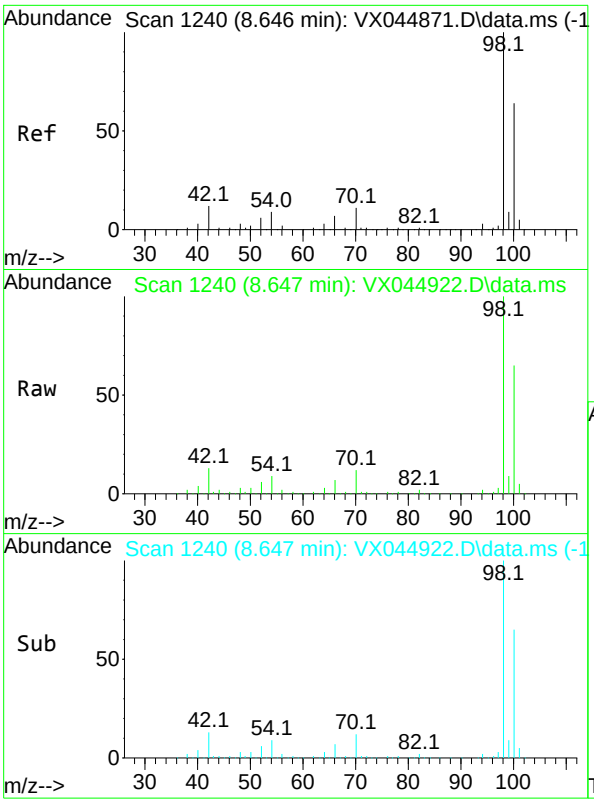


#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion:113 Resp: 64443

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	17.2	14.4	21.6



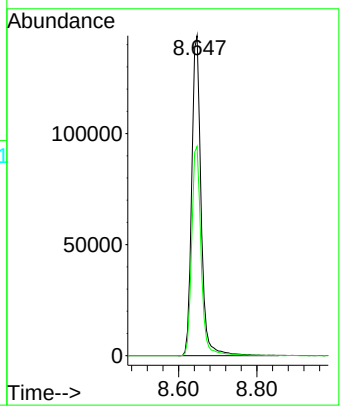


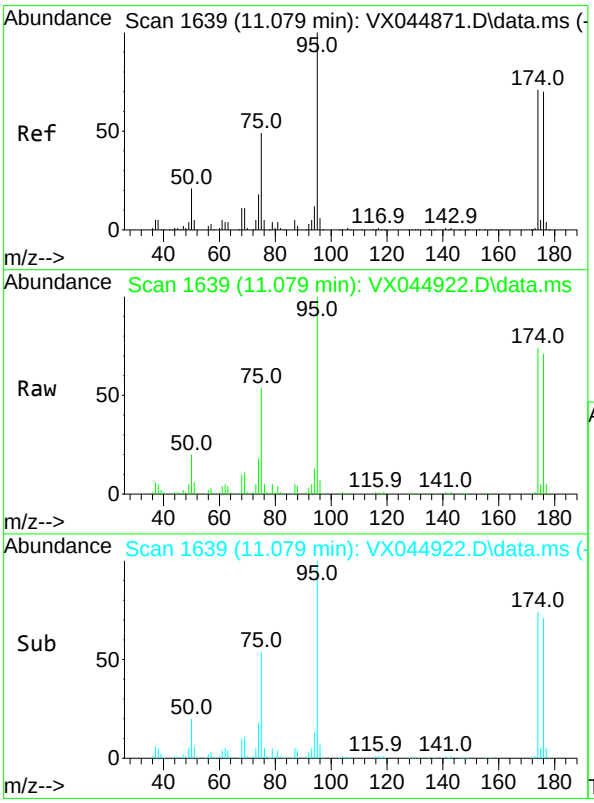
#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion: 98 Resp: 239094

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

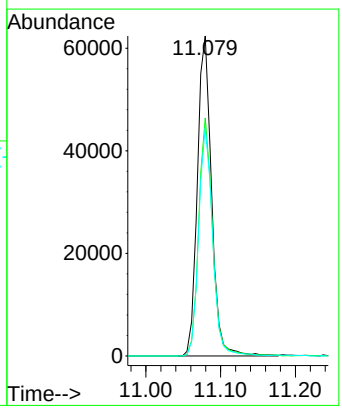


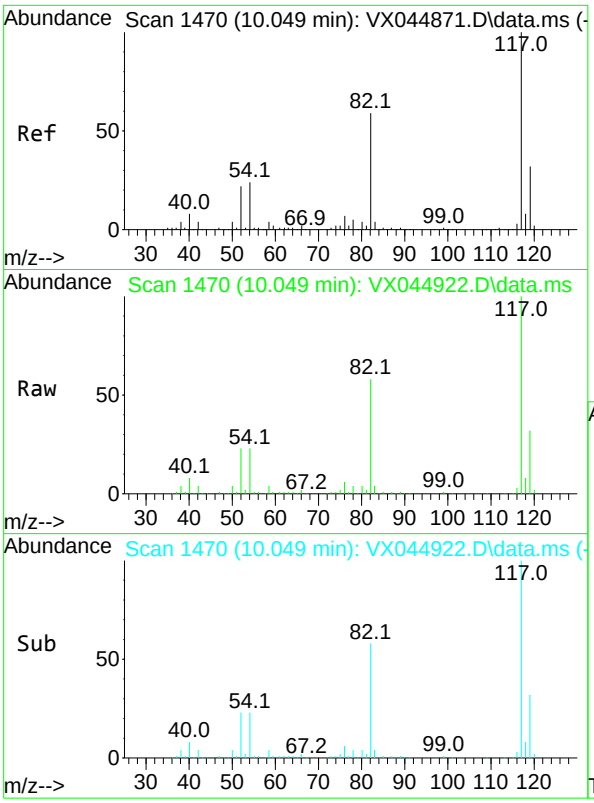


#62
4-Bromofluorobenzene
Concen: 51.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 95 Resp: 82286

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	142.6
176	70.1	0.0	141.6



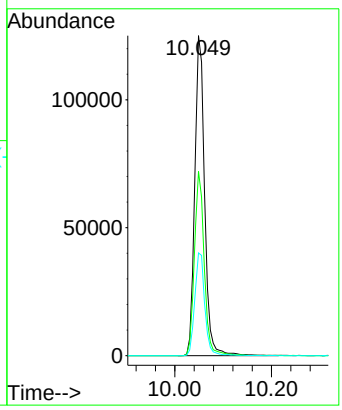


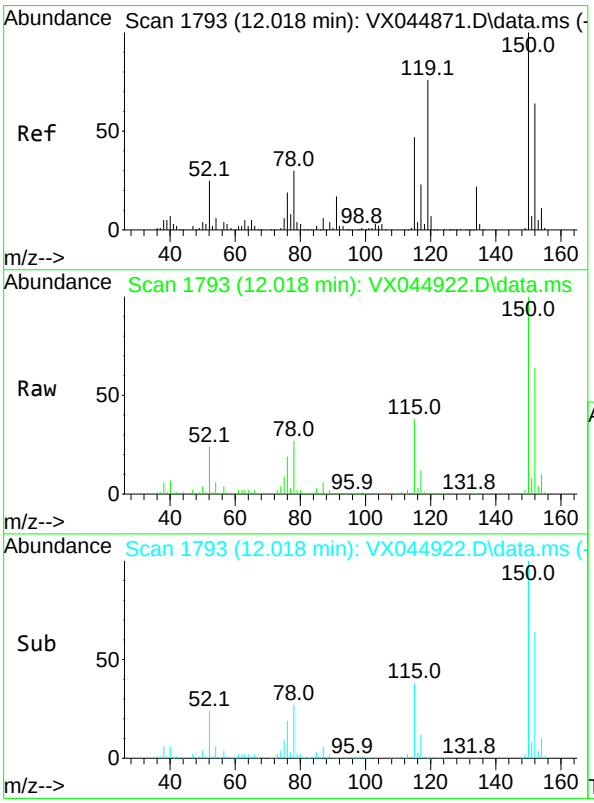
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:117 Resp: 176635

Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.5	71.3
119	32.1	25.4	38.0

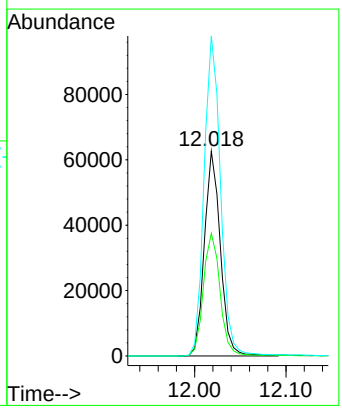




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion:152 Resp: 76229

Ion	Ratio	Lower	Upper
152	100		
115	62.3	43.4	130.1
150	161.5	0.0	350.4



Sample Results: **VX044922.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

Signal : TIC: VX044922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	71	80	81	rBV5	4129	9179	1.43%	0.278%
2	1.605	81	85	90	rVB3	5717	10571	1.65%	0.321%
3	5.379	693	704	719	rBV2	71991	214956	33.48%	6.519%
4	5.544	720	731	745	rBV2	101418	289590	45.11%	8.783%
5	5.946	789	797	816	rBV	82003	223112	34.75%	6.767%
6	6.751	921	929	949	rBV	181394	457468	71.25%	13.874%
7	8.647	1233	1240	1259	rBV	382248	642029	100.00%	19.472%
8	10.049	1465	1470	1488	rBV	398650	558142	86.93%	16.928%
9	11.079	1634	1639	1653	rBV	305686	400524	62.38%	12.147%
10	12.018	1788	1793	1804	rBV	396332	491657	76.58%	14.911%

Sum of corrected areas: 3297228

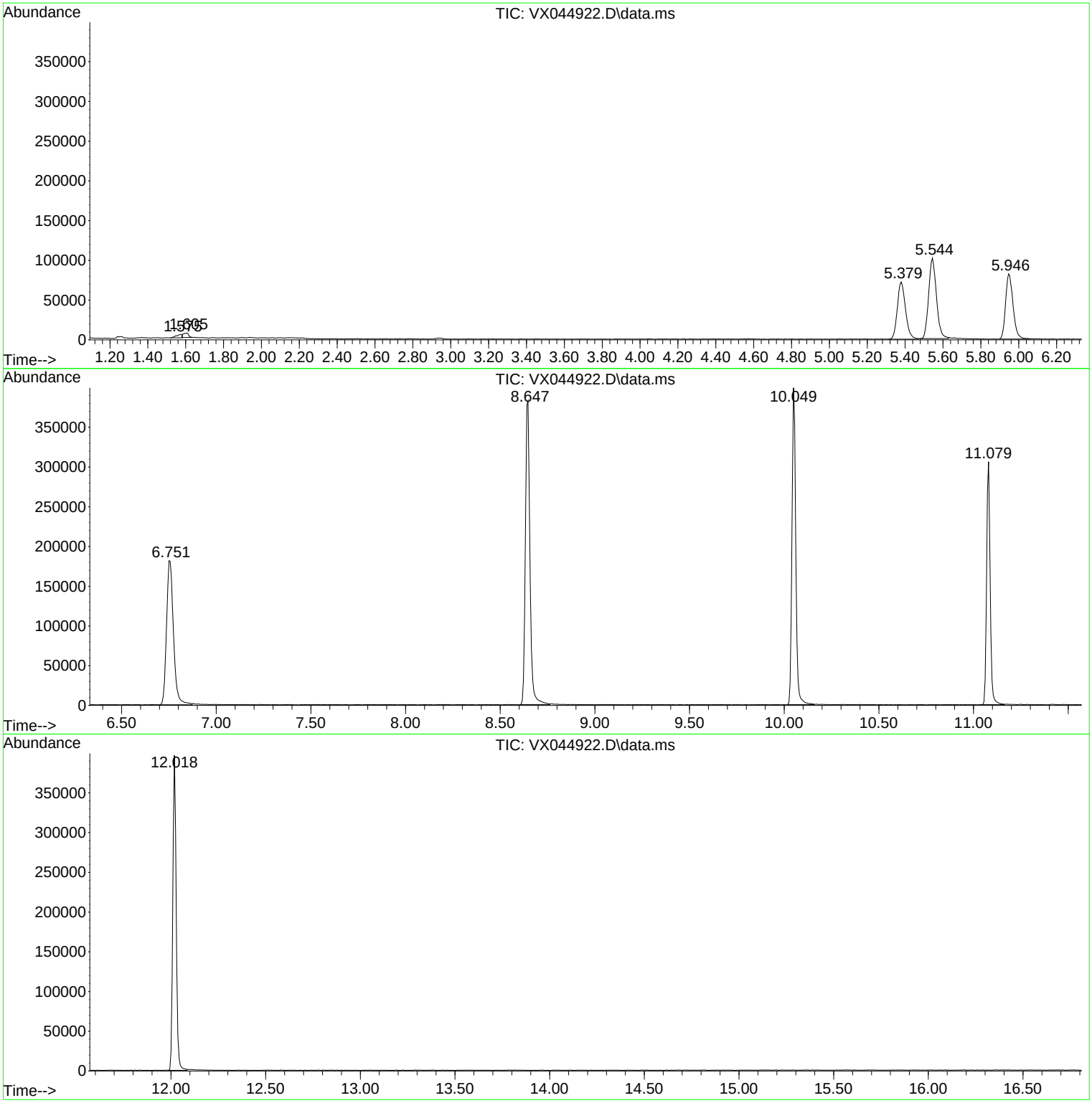
Sample Results: **VX044922.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX044922.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81774	50.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	5.379	113	65583	49.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.647	98	247053	49.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.079	95	85651	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29797	19.095	ug/l	98
3) Chloromethane	1.300	50	34997	18.427	ug/l	100
4) Vinyl Chloride	1.373	62	32596	17.716	ug/l	98
5) Bromomethane	1.593	94	11098	20.156	ug/l	96
6) Chloroethane	1.666	64	16921	21.813	ug/l	93
7) Trichlorofluoromethane	1.873	101	44002	18.911	ug/l	98
8) Diethyl Ether	2.129	74	16393	19.426	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	26558	18.891	ug/l	99
10) Methyl Iodide	2.446	142	35166	19.301	ug/l	98
11) Tert butyl alcohol	2.977	59	27915	92.390	ug/l	100
12) 1,1-Dichloroethene	2.312	96	26286	18.330	ug/l	93
13) Acrolein	2.233	56	33487	107.421	ug/l	99
14) Allyl chloride	2.660	41	47738	18.419	ug/l	98
15) Acrylonitrile	3.062	53	77467	96.028	ug/l	99
16) Acetone	2.379	43	62338	95.211	ug/l	97
17) Carbon Disulfide	2.507	76	66564	16.927	ug/l	99
18) Methyl Acetate	2.696	43	40821	19.757	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	84907	18.609	ug/l	97
20) Methylene Chloride	2.782	84	29468	18.375	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	25735	18.233	ug/l	94
22) Diisopropyl ether	3.757	45	92775	18.921	ug/l	94
23) Vinyl Acetate	3.714	43	367002	91.811	ug/l	98
24) 1,1-Dichloroethane	3.605	63	50977	18.581	ug/l	98
25) 2-Butanone	4.556	43	103185	97.054	ug/l	95
26) 2,2-Dichloropropane	4.464	77	38585	17.734	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32165	18.972	ug/l	99
28) Bromochloromethane	4.885	49	23788	18.042	ug/l	99
29) Tetrahydrofuran	5.001	42	67521	95.643	ug/l	99
30) Chloroform	5.086	83	50826	19.103	ug/l	99
31) Cyclohexane	5.464	56	45845	18.126	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	42322	18.753	ug/l	99
36) 1,1-Dichloropropene	5.684	75	35178	18.352	ug/l	100
37) Ethyl Acetate	4.714	43	39995	18.759	ug/l	100
38) Carbon Tetrachloride	5.671	117	34481	18.357	ug/l	99
39) Methylcyclohexane	7.372	83	46566	18.791	ug/l	96
40) Benzene	6.031	78	113256	18.922	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22027	19.301	ug/l		97
42) 1,2-Dichloroethane	6.086	62	37792	19.811	ug/l		98
43) Isopropyl Acetate	6.336	43	63554	18.459	ug/l		98
44) Trichloroethene	7.122	130	24953	18.239	ug/l		100
45) 1,2-Dichloropropane	7.427	63	27612	18.543	ug/l		94
46) Dibromomethane	7.580	93	19672	19.049	ug/l		98
47) Bromodichloromethane	7.817	83	38240	19.124	ug/l		98
48) Methyl methacrylate	7.689	41	31017	19.106	ug/l		97
49) 1,4-Dioxane	7.659	88	13925	399.801	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	211899	101.236	ug/l		97
52) Toluene	8.714	92	67935	19.058	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	36346	17.962	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	40844	18.104	ug/l		99
55) 1,1,2-Trichloroethane	9.146	97	26296	19.190	ug/l		98
56) Ethyl methacrylate	9.116	69	40980	18.516	ug/l		97
57) 1,3-Dichloropropane	9.305	76	46604	19.438	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	104955	96.581	ug/l		100
59) 2-Hexanone	9.427	43	154657	102.550	ug/l		98
60) Dibromochloromethane	9.518	129	27533	18.788	ug/l		99
61) 1,2-Dibromoethane	9.604	107	26548	19.115	ug/l		96
64) Tetrachloroethene	9.268	164	21396	18.903	ug/l		98
65) Chlorobenzene	10.073	112	72694	18.857	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22294	17.968	ug/l		96
67) Ethyl Benzene	10.189	91	128430	18.879	ug/l		99
68) m/p-Xylenes	10.299	106	96088	38.291	ug/l		99
69) o-Xylene	10.640	106	47534	18.878	ug/l		100
70) Styrene	10.652	104	78288	19.298	ug/l		99
71) Bromoform	10.799	173	17535	18.936	ug/l	#	98
73) Isopropylbenzene	10.957	105	120952	18.252	ug/l		100
74) N-amyl acetate	10.841	43	55519	18.514	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	42256	18.556	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	33758m	18.500	ug/l		
77) Bromobenzene	11.195	156	28158	18.742	ug/l		97
78) n-propylbenzene	11.298	91	140438	18.361	ug/l		99
79) 2-Chlorotoluene	11.359	91	86613	18.425	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	100686	18.723	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11525	16.247	ug/l		91
82) 4-Chlorotoluene	11.451	91	97212	18.692	ug/l		99
83) tert-Butylbenzene	11.713	119	100970	18.560	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	102485	19.309	ug/l		99
85) sec-Butylbenzene	11.890	105	126144	18.725	ug/l		100
86) p-Isopropyltoluene	12.006	119	102245	18.873	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	51423	18.612	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	52003	18.616	ug/l		99
89) n-Butylbenzene	12.329	91	89228	18.617	ug/l		99
90) Hexachloroethane	12.536	117	17270	17.025	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	52467	19.322	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7371	17.736	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	29489	17.948	ug/l		99
94) Hexachlorobutadiene	13.725	225	12394	19.001	ug/l		98
95) Naphthalene	13.774	128	110501	18.605	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	30930	18.682	ug/l		99

Sample Results: **VX044923.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

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

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

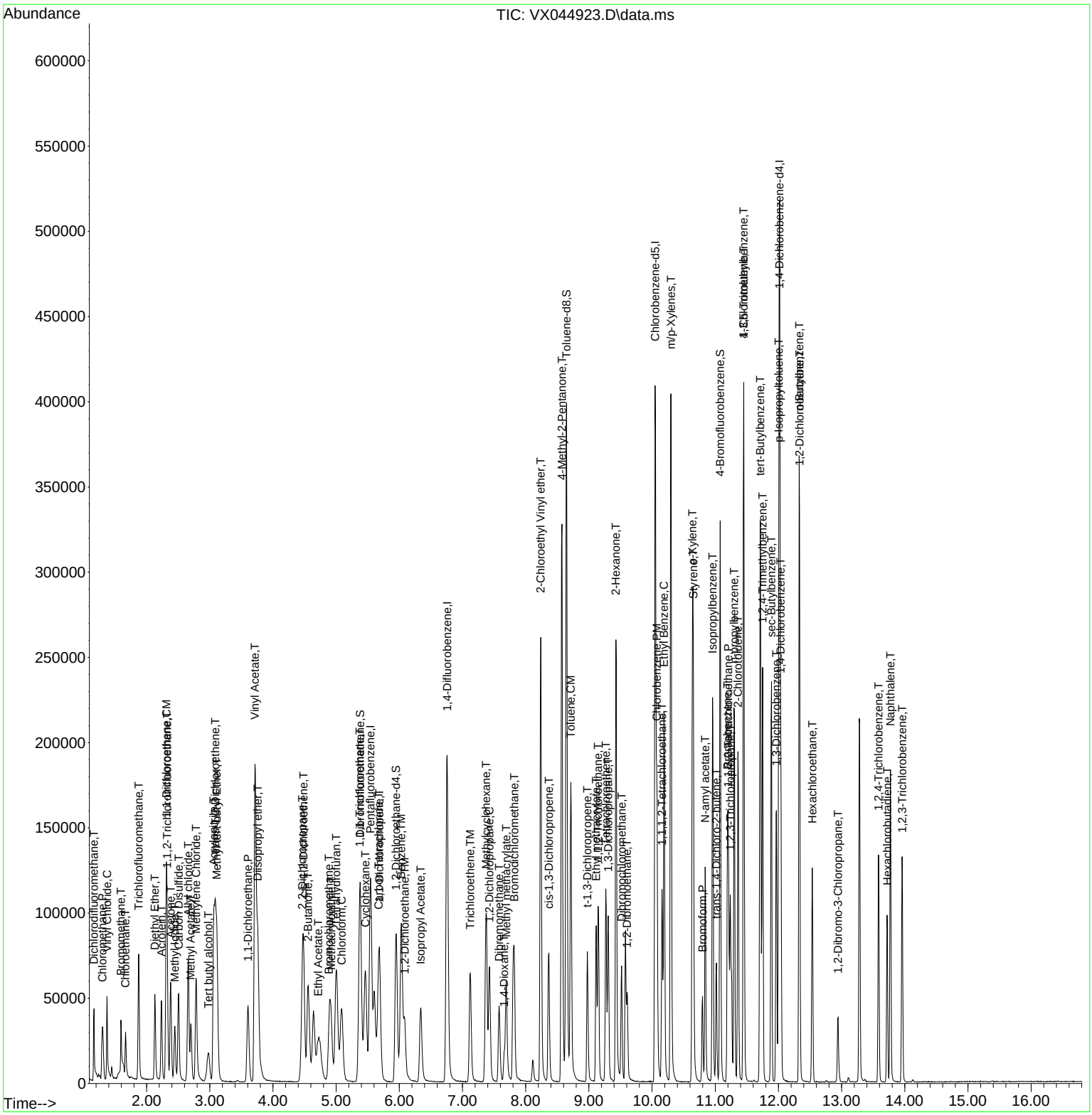
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	109124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	195530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80512	50.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.379	113	62877	49.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.920%			
50) Toluene-d8	8.647	98	237599	49.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	82362	50.822	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28368	18.535	ug/l	98
3) Chloromethane	1.300	50	32731	17.571	ug/l	97
4) Vinyl Chloride	1.374	62	30493	16.897	ug/l	99
5) Bromomethane	1.593	94	10500	19.444	ug/l	96
6) Chloroethane	1.666	64	16764	22.039	ug/l	96
7) Trichlorofluoromethane	1.874	101	42415	18.586	ug/l	98
8) Diethyl Ether	2.130	74	15579	18.823	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	25639	18.594	ug/l	98
10) Methyl Iodide	2.447	142	33551	18.775	ug/l	98
11) Tert butyl alcohol	2.977	59	28954	97.705	ug/l	100
12) 1,1-Dichloroethene	2.312	96	24602	17.491	ug/l	98
13) Acrolein	2.233	56	33787	110.506	ug/l	99
14) Allyl chloride	2.654	41	45724	17.988	ug/l	96
15) Acrylonitrile	3.062	53	78273	98.927	ug/l	100
16) Acetone	2.380	43	63063	98.205	ug/l	100
17) Carbon Disulfide	2.501	76	64096	16.618	ug/l	100
18) Methyl Acetate	2.703	43	40286	19.880	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	83480	18.654	ug/l	99
20) Methylene Chloride	2.782	84	29005	18.440	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	24931	18.010	ug/l	99
22) Diisopropyl ether	3.757	45	90509	18.821	ug/l	92
23) Vinyl Acetate	3.715	43	368403	93.966	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50302	18.694	ug/l	99
25) 2-Butanone	4.556	43	103530	99.286	ug/l	96
26) 2,2-Dichloropropane	4.465	77	37530	17.587	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	30826	18.539	ug/l	100
28) Bromochloromethane	4.891	49	23310	18.026	ug/l	100
29) Tetrahydrofuran	5.001	42	68341	98.700	ug/l	99
30) Chloroform	5.086	83	48606	18.626	ug/l	94
31) Cyclohexane	5.458	56	44168	17.805	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	40279	18.197	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33377	18.198	ug/l	100
37) Ethyl Acetate	4.708	43	39407	19.317	ug/l	100
38) Carbon Tetrachloride	5.672	117	33581	18.684	ug/l	97
39) Methylcyclohexane	7.373	83	46041	19.417	ug/l	99
40) Benzene	6.031	78	108219	18.896	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	22151	20.286	ug/l		97
42) 1,2-Dichloroethane	6.080	62	36480	19.986	ug/l		98
43) Isopropyl Acetate	6.336	43	63766	19.356	ug/l		99
44) Trichloroethene	7.123	130	24516	18.728	ug/l		97
45) 1,2-Dichloropropane	7.421	63	27915	19.592	ug/l		96
46) Dibromomethane	7.580	93	19165	19.396	ug/l		98
47) Bromodichloromethane	7.818	83	36997	19.337	ug/l		98
48) Methyl methacrylate	7.690	41	31202	20.087	ug/l		97
49) 1,4-Dioxane	7.665	88	14026	420.866	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	212510	106.108	ug/l		97
52) Toluene	8.714	92	66094	19.378	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	34442	17.789	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	41592	19.267	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	26607	20.293	ug/l		97
56) Ethyl methacrylate	9.116	69	40596	19.170	ug/l		98
57) 1,3-Dichloropropane	9.305	76	46702	20.357	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	103937	99.959	ug/l		100
59) 2-Hexanone	9.427	43	153073	106.078	ug/l		97
60) Dibromochloromethane	9.518	129	26674	19.022	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26006	19.569	ug/l		98
64) Tetrachloroethene	9.269	164	20728	19.003	ug/l		97
65) Chlorobenzene	10.073	112	70760	19.047	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22330	18.675	ug/l		97
67) Ethyl Benzene	10.189	91	124767	19.032	ug/l		99
68) m/p-Xylenes	10.299	106	93995	38.868	ug/l		99
69) o-Xylene	10.640	106	47375	19.524	ug/l		99
70) Styrene	10.652	104	77185	19.743	ug/l		99
71) Bromoform	10.799	173	17281	19.365	ug/l	#	99
73) Isopropylbenzene	10.957	105	119685	18.671	ug/l		100
74) N-amyl acetate	10.841	43	53361	18.396	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40067	18.190	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	32786m	18.575	ug/l		
77) Bromobenzene	11.195	156	27635	19.015	ug/l		96
78) n-propylbenzene	11.299	91	138789	18.758	ug/l		99
79) 2-Chlorotoluene	11.360	91	85355	18.770	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	100422	19.305	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	10934	15.935	ug/l		90
82) 4-Chlorotoluene	11.451	91	94450	18.774	ug/l		99
83) tert-Butylbenzene	11.713	119	99375	18.884	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	98836	19.251	ug/l		100
85) sec-Butylbenzene	11.890	105	123683	18.980	ug/l		100
86) p-Isopropyltoluene	12.006	119	101272	19.325	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	51486	19.265	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	49926	18.476	ug/l		98
89) n-Butylbenzene	12.329	91	88204	19.025	ug/l		99
90) Hexachloroethane	12.536	117	16680	16.999	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	50206	19.114	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7523	18.713	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	28292	17.801	ug/l		99
94) Hexachlorobutadiene	13.719	225	11686	18.521	ug/l		98
95) Naphthalene	13.774	128	107107	18.642	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	29556	18.455	ug/l		99

Sample Results: **VX044924.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

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

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

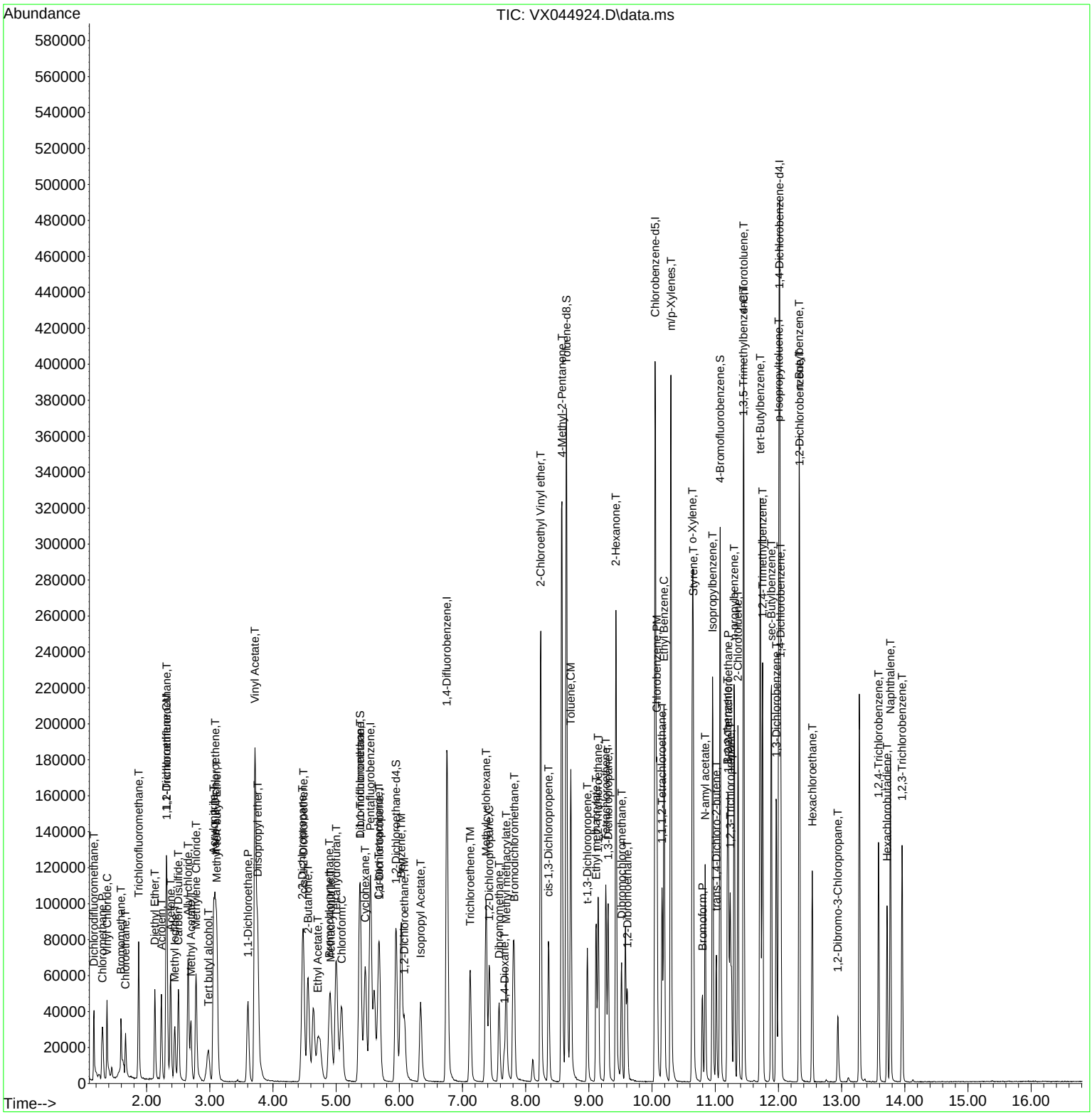
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



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Manual Integration Report

Sequence:	VX021025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX044868.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	1,4-Dichlorobenzene	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Dichlorodifluoromethane	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Ethyl Acetate	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Methacrylonitrile	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC005	VX044869.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:40:57 AM	MMDadoda	2/11/2025 10:09:18 AM	Peak Integrated by Software
VSTDICC005	VX044869.D	Chloroethane	JOHN	2/11/2025 9:40:57 AM	MMDadoda	2/11/2025 10:09:18 AM	Peak Integrated by Software
VSTDICC020	VX044870.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:03 AM	MMDadoda	2/11/2025 10:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX044871.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:07 AM	MMDadoda	2/11/2025 10:09:36 AM	Peak Integrated by Software
VSTDICC100	VX044872.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:11 AM	MMDadoda	2/11/2025 10:09:40 AM	Peak Integrated by Software
VSTDICC150	VX044873.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:16 AM	MMDadoda	2/11/2025 10:09:49 AM	Peak Integrated by Software
VSTDICV050	VX044875.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:20 AM	MMDadoda	2/11/2025 10:09:53 AM	Peak Integrated by Software
VSTDCCC050	VX044891.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:46 AM	MMDadoda	2/11/2025 10:10:13 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX021025	Instrument	MSVOA_x

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

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Manual Integration Report

Sequence:	VX021225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044920.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:18 AM	MMDadoda	2/14/2025 11:21:59 AM	Peak Integrated by Software
VX0212WBS01	VX044923.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:22 AM	MMDadoda	2/14/2025 11:22:01 AM	Peak Integrated by Software
VX0212WBSD01	VX044924.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:26 AM	MMDadoda	2/14/2025 11:22:04 AM	Peak Integrated by Software
Q1355-01	VX044937.D	n-Butylbenzene	JOHN	2/14/2025 9:45:36 AM	MMDadoda	2/14/2025 11:22:14 AM	Peak Integrated by Software
VSTDCCC050	VX044946.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:45:41 AM	MMDadoda	2/14/2025 11:22:18 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044867.D	10 Feb 2025 09:35	JC/MD	Ok
2	VSTDICC001	VX044868.D	10 Feb 2025 10:25	JC/MD	Ok,M
3	VSTDICC005	VX044869.D	10 Feb 2025 10:48	JC/MD	Ok,M
4	VSTDICC020	VX044870.D	10 Feb 2025 11:11	JC/MD	Ok,M
5	VSTDICCC050	VX044871.D	10 Feb 2025 11:34	JC/MD	Ok,M
6	VSTDICC100	VX044872.D	10 Feb 2025 12:05	JC/MD	Ok,M
7	VSTDICC150	VX044873.D	10 Feb 2025 12:28	JC/MD	Ok,M
8	IBLK	VX044874.D	10 Feb 2025 12:51	JC/MD	Ok
9	VSTDICV050	VX044875.D	10 Feb 2025 13:15	JC/MD	Ok,M
10	VX0210MBL01	VX044876.D	10 Feb 2025 13:43	JC/MD	Ok
11	VX0210WBL01	VX044877.D	10 Feb 2025 14:06	JC/MD	Ok
12	VX0210WBS01	VX044878.D	10 Feb 2025 14:29	JC/MD	Ok,M
13	VX0210WBSD01	VX044879.D	10 Feb 2025 14:55	JC/MD	Ok,M
14	Q1250-02	VX044880.D	10 Feb 2025 15:18	JC/MD	Ok
15	Q1250-01	VX044881.D	10 Feb 2025 15:41	JC/MD	Ok
16	Q1250-03	VX044882.D	10 Feb 2025 16:04	JC/MD	Ok
17	Q1250-04	VX044883.D	10 Feb 2025 16:27	JC/MD	Ok
18	Q1250-05	VX044884.D	10 Feb 2025 16:51	JC/MD	Ok
19	Q1250-10	VX044885.D	10 Feb 2025 17:14	JC/MD	Ok
20	Q1250-11	VX044886.D	10 Feb 2025 17:37	JC/MD	Ok
21	Q1250-12	VX044887.D	10 Feb 2025 18:00	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1250-06	VX044888.D	10 Feb 2025 18:23	JC/MD	Ok
23	Q1250-07MS	VX044889.D	10 Feb 2025 18:46	JC/MD	Ok,M
24	Q1250-08MSD	VX044890.D	10 Feb 2025 19:09	JC/MD	Ok,M
25	VSTDCCC050	VX044891.D	10 Feb 2025 19:32	JC/MD	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044919.D	12 Feb 2025 09:39	JC/MD	Ok
2	VSTDCCC050	VX044920.D	12 Feb 2025 10:07	JC/MD	Ok,M
3	VX0212MBL01	VX044921.D	12 Feb 2025 10:34	JC/MD	Ok
4	VX0212WBL01	VX044922.D	12 Feb 2025 10:57	JC/MD	Ok
5	VX0212WBS01	VX044923.D	12 Feb 2025 11:20	JC/MD	Ok,M
6	VX0212WBSD01	VX044924.D	12 Feb 2025 11:46	JC/MD	Ok,M
7	Q1347-03	VX044925.D	12 Feb 2025 12:09	JC/MD	Ok
8	Q1347-01	VX044926.D	12 Feb 2025 12:32	JC/MD	Ok
9	Q1347-02	VX044927.D	12 Feb 2025 12:55	JC/MD	Ok
10	Q1347-04	VX044928.D	12 Feb 2025 13:17	JC/MD	Ok
11	Q1347-05	VX044929.D	12 Feb 2025 13:40	JC/MD	Ok
12	Q1347-06	VX044930.D	12 Feb 2025 14:03	JC/MD	Ok
13	Q1168-07 0.2PPB	VX044931.D	12 Feb 2025 14:26	JC/MD	Ok,M
14	Q1168-07 0.5PPB	VX044932.D	12 Feb 2025 14:49	JC/MD	Ok,M
15	Q1168-07 0.75PPB	VX044933.D	12 Feb 2025 15:12	JC/MD	Ok,M
16	Q1168-07 2.5PPB	VX044934.D	12 Feb 2025 15:35	JC/MD	Ok,M
17	Q1168-08 1.0PPB	VX044935.D	12 Feb 2025 15:58	JC/MD	Ok,M
18	Q1168-08 5.0PPB	VX044936.D	12 Feb 2025 16:21	JC/MD	Ok,M
19	Q1355-01	VX044937.D	12 Feb 2025 16:44	JC/MD	Ok,M
20	Q1355-02	VX044938.D	12 Feb 2025 17:07	JC/MD	Ok
21	PB166691TB	VX044939.D	12 Feb 2025 17:30	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1356-09	VX044940.D	12 Feb 2025 17:53	JC/MD	Ok
23	Q1356-04	VX044941.D	12 Feb 2025 18:16	JC/MD	Ok
24	Q1356-05	VX044942.D	12 Feb 2025 18:39	JC/MD	Ok
25	Q1356-06	VX044943.D	12 Feb 2025 19:02	JC/MD	Ok
26	Q1356-07	VX044944.D	12 Feb 2025 19:25	JC/MD	Ok
27	Q1356-08	VX044945.D	12 Feb 2025 19:48	JC/MD	Ok
28	VSTDCCC050	VX044946.D	12 Feb 2025 20:11	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044867.D	10 Feb 2025 09:35		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX044868.D	10 Feb 2025 10:25		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX044869.D	10 Feb 2025 10:48		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX044870.D	10 Feb 2025 11:11		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX044871.D	10 Feb 2025 11:34		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX044872.D	10 Feb 2025 12:05		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX044873.D	10 Feb 2025 12:28		JC/MD	Ok,M
8	IBLK	IBLK	VX044874.D	10 Feb 2025 12:51		JC/MD	Ok
9	VSTDICV050	ICVVX021025	VX044875.D	10 Feb 2025 13:15		JC/MD	Ok,M
10	VX0210MBL01	VX0210MBL01	VX044876.D	10 Feb 2025 13:43		JC/MD	Ok
11	VX0210WBL01	VX0210WBL01	VX044877.D	10 Feb 2025 14:06		JC/MD	Ok
12	VX0210WBS01	VX0210WBS01	VX044878.D	10 Feb 2025 14:29		JC/MD	Ok,M
13	VX0210WBSD01	VX0210WBSD01	VX044879.D	10 Feb 2025 14:55		JC/MD	Ok,M
14	Q1250-02	BP-VPB-192-GW-420-4	VX044880.D	10 Feb 2025 15:18	vial B pH<2	JC/MD	Ok
15	Q1250-01	BP-VPB-192-TB-20250	VX044881.D	10 Feb 2025 15:41	vial B pH<2 TB	JC/MD	Ok
16	Q1250-03	BP-VPB-192-GW-300-3	VX044882.D	10 Feb 2025 16:04	vial B pH<2	JC/MD	Ok
17	Q1250-04	BP-VPB-192-GW-320-3	VX044883.D	10 Feb 2025 16:27	vial B pH<2	JC/MD	Ok
18	Q1250-05	BP-VPB-192-GW-340-3	VX044884.D	10 Feb 2025 16:51	vial B pH<2	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1250-10	BP-VPB-192-GW-380-3	VX044885.D	10 Feb 2025 17:14	vial B pH<2	JC/MD	Ok
20	Q1250-11	BP-VPB-192-GW-400-4	VX044886.D	10 Feb 2025 17:37	vial B pH<2	JC/MD	Ok
21	Q1250-12	BP-VPB-192-GW-440-4	VX044887.D	10 Feb 2025 18:00	vial B pH<2	JC/MD	Ok
22	Q1250-06	BP-VPB-192-GW-360-3	VX044888.D	10 Feb 2025 18:23	vial B pH<2	JC/MD	Ok
23	Q1250-07MS	BP-VPB-192-GW-360-3	VX044889.D	10 Feb 2025 18:46	vial B pH<2	JC/MD	Ok,M
24	Q1250-08MSD	BP-VPB-192-GW-360-3	VX044890.D	10 Feb 2025 19:09	vial B pH<2	JC/MD	Ok,M
25	VSTDCCC050	VSTDCCC050EC	VX044891.D	10 Feb 2025 19:32		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044919.D	12 Feb 2025 09:39		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044920.D	12 Feb 2025 10:07	V13516	JC/MD	Ok,M
3	VX0212MBL01	VX0212MBL01	VX044921.D	12 Feb 2025 10:34		JC/MD	Ok
4	VX0212WBL01	VX0212WBL01	VX044922.D	12 Feb 2025 10:57		JC/MD	Ok
5	VX0212WBS01	VX0212WBS01	VX044923.D	12 Feb 2025 11:20		JC/MD	Ok,M
6	VX0212WBSD01	VX0212WBSD01	VX044924.D	12 Feb 2025 11:46		JC/MD	Ok,M
7	Q1347-03	BP-VPB-192-GW-710-7	VX044925.D	12 Feb 2025 12:09	vial A pH<2	JC/MD	Ok
8	Q1347-01	BP-VPB-192-EB-20250	VX044926.D	12 Feb 2025 12:32	vial A pH<2 EB;Hit of comp.#16	JC/MD	Ok
9	Q1347-02	BP-VPB-192-TB-20250	VX044927.D	12 Feb 2025 12:55	vial A pH<2 TB	JC/MD	Ok
10	Q1347-04	BP-VPB-192-GW-640-6	VX044928.D	12 Feb 2025 13:17	vial A pH<2	JC/MD	Ok
11	Q1347-05	BP-VPB-192-GW-660-6	VX044929.D	12 Feb 2025 13:40	vial A+B pH<2	JC/MD	Ok
12	Q1347-06	BP-VPB-192-GW-680-6	VX044930.D	12 Feb 2025 14:03	vial A+B pH<2	JC/MD	Ok
13	Q1168-07 0.2PPB	LOD-MDL-WATER-01-(	VX044931.D	12 Feb 2025 14:26		JC/MD	Ok,M
14	Q1168-07 0.5PPB	LOD-MDL-WATER-01-(	VX044932.D	12 Feb 2025 14:49		JC/MD	Ok,M
15	Q1168-07 0.75PPB	LOD-MDL-WATER-01-(	VX044933.D	12 Feb 2025 15:12		JC/MD	Ok,M
16	Q1168-07 2.5PPB	LOD-MDL-WATER-01-(	VX044934.D	12 Feb 2025 15:35		JC/MD	Ok,M
17	Q1168-08 1.0PPB	LOQ-WATER-02-QT1-2	VX044935.D	12 Feb 2025 15:58		JC/MD	Ok,M
18	Q1168-08 5.0PPB	LOQ-WATER-02-QT1-2	VX044936.D	12 Feb 2025 16:21		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1355-01	RW1	VX044937.D	12 Feb 2025 16:44	vial A pH<2	JC/MD	Ok,M
20	Q1355-02	MW2	VX044938.D	12 Feb 2025 17:07	vial A pH<2	JC/MD	Ok
21	PB166691TB	PB166691TB	VX044939.D	12 Feb 2025 17:30		JC/MD	Ok
22	Q1356-09	SOIL-FB	VX044940.D	12 Feb 2025 17:53	vial A pH#5.0 FB	JC/MD	Ok
23	Q1356-04	CARBON-WATER	VX044941.D	12 Feb 2025 18:16	vial A pH#5.0	JC/MD	Ok
24	Q1356-05	CARBON-FB	VX044942.D	12 Feb 2025 18:39	vial A pH#5.0 FB	JC/MD	Ok
25	Q1356-06	WATER-A	VX044943.D	12 Feb 2025 19:02	vial A pH#5.0	JC/MD	Ok
26	Q1356-07	WATER-B	VX044944.D	12 Feb 2025 19:25	vial A pH#5.0	JC/MD	Ok
27	Q1356-08	WATER-FB	VX044945.D	12 Feb 2025 19:48	vial A pH#5.0 FB	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX044946.D	12 Feb 2025 20:11		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1355	**OrderDate:**	2/11/2025 1:38:32 PM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1355-01	**RW1**	**Water**			**02/11/25**			**02/11/25**
			VOCMS Group1	8260-Low			02/12/25	
Q1355-02	**MW2**	**Water**			**02/11/25**			**02/11/25**
			VOCMS Group1	8260-Low			02/12/25	