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

Hit Summary Sheet
SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW10**								
Q1525-01	MW10	Water	Acetone		5.10		1.40	5.00	ug/L
Q1525-01	MW10	Water	Benzene		1.40		0.16	1.00	ug/L
Q1525-01	MW10	Water	Trichloroethene		3.20		0.32	1.00	ug/L
Q1525-01	MW10	Water	Chlorobenzene		2.70		0.13	1.00	ug/L
Q1525-01	MW10	Water	Ethyl Benzene		32.9		0.16	1.00	ug/L
Q1525-01	MW10	Water	m/p-Xylenes		18.1		0.31	2.00	ug/L
Q1525-01	MW10	Water	o-Xylene		1.50		0.14	1.00	ug/L
			Total Voc :		64.9				
Q1525-01	MW10	Water	Butane, 2-methyl-	*	74.7	J	0	0	ug/L
Q1525-01	MW10	Water	Butane, 2,3-dimethyl-	*	70.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 3-methyl-	*	96.3	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclopentane, methyl-	*	81.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2-methyl-	*	90.9	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,2,4-trimethyl-	*	58.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3,3-trimethyl-	*	32.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3-dimethyl-	*	75.8	J	0	0	ug/L
Q1525-01	MW10	Water	Hexane, 3-methyl-	*	33.7	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-ethyl-2-methyl-	*	41.2	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-propenyl-	*	77.7	J	0	0	ug/L
Q1525-01	MW10	Water	Indan, 1-methyl-	*	77.8	J	0	0	ug/L
Q1525-01	MW10	Water	1H-Indene, 2,3-dihydro-4-meth	*	85.5	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethenyl-1,4-dimeth	*	33.9	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	35.0	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclohexane	*	17.5	J	1.60	5.00	ug/L
Q1525-01	MW10	Water	Methylcyclohexane	*	19.0	J	0.19	1.00	ug/L
Q1525-01	MW10	Water	Isopropylbenzene	*	13.2	J	0.13	1.00	ug/L
Q1525-01	MW10	Water	n-propylbenzene	*	21.6	J	0.14	1.00	ug/L
Q1525-01	MW10	Water	1,3,5-Trimethylbenzene	*	2.40	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	tert-Butylbenzene	*	2.30	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	1,2,4-Trimethylbenzene	*	35.8	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	sec-Butylbenzene	*	3.40	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	n-Butylbenzene	*	1.90	J	0.22	1.00	ug/L
Q1525-01	MW10	Water	Naphthalene	*	7.90	J	0.59	1.00	ug/L
			Total Tics :		1090				
			Total Concentration:		1150				

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Hit Summary Sheet
SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

SAMPLE DATA

Raw Data: **VX045235.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:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	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
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	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	5.10		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
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
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
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
71-43-2	Benzene	1.40		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	3.20		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
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
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

Raw Data: **VX045235.D**

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

Client:	G Environmental		Date Collected:	03/06/25	
Project:	DPW		Date Received:	03/07/25	
Client Sample ID:	MW10		SDG No.:	Q1525	
Lab Sample ID:	Q1525-01		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
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	2.70		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	32.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	18.1		0.31	2.00	ug/L
95-47-6	o-Xylene	1.50		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
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69400	5.55			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	74.7	J		1.74	ug/L
000079-29-8	Butane, 2,3-dimethyl-	70.1	J		2.78	ug/L
000107-83-5	Pentane, 2-methyl-	90.9	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	96.3	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	81.3	J		4.29	ug/L
110-82-7	Cyclohexane	17.5	J		5.47	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	75.8	J		5.61	ug/L
000589-34-4	Hexane, 3-methyl-	33.7	J		5.82	ug/L
000540-84-1	Pentane, 2,2,4-trimethyl-	58.3	J		6.25	ug/L
108-87-2	Methylcyclohexane	19.0	J		7.37	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	32.1	J		8.10	ug/L
98-82-8	Isopropylbenzene	13.2	J		11.0	ug/L
103-65-1	n-propylbenzene	21.6	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.40	J		11.5	ug/L

Raw Data: **VX045235.D**

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

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	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
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000611-14-3	Benzene, 1-ethyl-2-methyl-	41.2	J		11.6	ug/L
98-06-6	tert-Butylbenzene	2.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	35.8	J		11.8	ug/L
135-98-8	sec-Butylbenzene	3.40	J		11.9	ug/L
000637-50-3	Benzene, 1-propenyl-	77.7	J		12.2	ug/L
104-51-8	n-Butylbenzene	1.90	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	35.0	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	77.8	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.9	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	85.5	J		13.3	ug/L
91-20-3	Naphthalene	7.90	J		13.8	ug/L

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

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

QC SUMMARY

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

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1525-01	MW10	1,2-Dichloroethane-d4	50	52.2	104	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112	70 (77)	130 (121)
VX0311WBL01	VX0311WBL01	1,2-Dichloroethane-d4	50	53.3	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0311WBS01	VX0311WBS01	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	51.9	104	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.9	106	70 (77)	130 (121)
VX0311WBSD0	VX0311WBSD01	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.4	109	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045214.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0311WBS01	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	Bromomethane	20	18.9	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	21.4	ug/L	107			40 (56)	160 (128)	
	Tert butyl alcohol	100	83.4	ug/L	83			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.8	ug/L	94			70 (74)	130 (110)	
	Acetone	100	97.2	ug/L	97			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.5	ug/L	98			70 (78)	130 (114)	
	Methylene Chloride	20	18.6	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.7	ug/L	99			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			70 (77)	130 (110)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.9	ug/L	95			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.0	ug/L	100			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.0	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.6	ug/L	103			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.5	ug/L	98			70 (82)	130 (110)	
	Tetrachloroethene	20	19.5	ug/L	98			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	40.1	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.4	ug/L	97			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.0	ug/L	100			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045215.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0311WBSD01	Chloromethane	20	17.9	ug/L	90	4		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.9	ug/L	85	3		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.1	ug/L	96	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.7	ug/L	99	8		40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	84.1	ug/L	84	1		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.4	ug/L	92	2		70 (74)	130 (110)	20 (20)
	Acetone	100	96.0	ug/L	96	1		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.4	ug/L	82	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.3	ug/L	97	1		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	19.2	ug/L	96	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.2	ug/L	96	2		70 (78)	130 (112)	20 (20)
	2-Butanone	100	100	ug/L	100	0		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.4	ug/L	97	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	0		70 (77)	130 (110)	20 (20)
	Chloroform	20	19.5	ug/L	98	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.2	ug/L	96	4		70 (80)	130 (108)	20 (20)
	Benzene	20	19.2	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.9	ug/L	100	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.1	ug/L	96	1		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.8	ug/L	99	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (20)
	Toluene	20	19.8	ug/L	99	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.1	ug/L	101	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.1	ug/L	101	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.0	ug/L	100	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.9	ug/L	100	2		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.6	ug/L	98	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.7	ug/L	99	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.9	ug/L	100	0		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.2	ug/L	101	4		70 (83)	130 (109)	20 (20)
	Styrene	20	20.5	ug/L	103	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.3	ug/L	102	2		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99	1		70 (76)	130 (118)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0311WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045213.D Lab Sample ID: VX0311WBL01

Date Analyzed: 03/11/2025 Time Analyzed: 10:51

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
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025
MW10	Q1525-01	VX045235.D	03/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045067.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 1
177	5.0 - 9.0% of mass 176	4.3 (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	VX045068.D	02/28/2025	01:27
VSTDICC005	VSTDICC005	VX045069.D	02/28/2025	02:13
VSTDICC020	VSTDICC020	VX045070.D	02/28/2025	02:37
VSTDICCC050	VSTDICCC050	VX045071.D	02/28/2025	03:00
VSTDICC100	VSTDICC100	VX045072.D	02/28/2025	03:23
VSTDICC150	VSTDICC150	VX045073.D	02/28/2025	03:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045210.D BFB Injection Date: 03/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:30

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	20.8
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76.6
175	5.0 - 9.0% of mass 174	5.8 (7.6) 1
176	95.0 - 101.0% of mass 174	73.2 (95.6) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045211.D	03/11/2025	09:59
VX0311WBL01	VX0311WBL01	VX045213.D	03/11/2025	10:51
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025	11:14
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025	11:40
MW10	Q1525-01	VX045235.D	03/11/2025	19:25

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045211.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

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	101357	5.54	176548	6.75	153652	10.05
UPPER LIMIT	202714	6.044	353096	7.251	307304	10.549
LOWER LIMIT	50678.5	5.044	88274	6.251	76826	9.549
EPA SAMPLE NO.						
MW10	69449	5.55	133868	6.76	123702	10.05
VX0311WBL01	69956	5.54	139206	6.76	126312	10.06
VX0311WBS01	94786	5.54	172566	6.76	151770	10.06
VX0311WBSD01	92082	5.54	166231	6.76	148942	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.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045211.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

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

	IS4 AREA #	RT #				
12 HOUR STD	70136	12.018				
UPPER LIMIT	140272	12.518				
LOWER LIMIT	35068	11.518				
EPA SAMPLE NO.						
MW10	55461	12.02				
VX0311WBL01	50068	12.02				
VX0311WBS01	71836	12.02				
VX0311WBSD01	68861	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBL01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBL01	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
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	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
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
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
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
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
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
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBL01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBL01	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
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	70000	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50100	12.024			

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: **VX045214.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBS01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01	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
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.34	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.4		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	83.4		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.26	1.00	ug/L
67-64-1	Acetone	97.2		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	19.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.19	1.00	ug/L
71-43-2	Benzene	19.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.0		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.25	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBS01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01	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
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.31	2.00	ug/L
95-47-6	o-Xylene	19.4		0.14	1.00	ug/L
100-42-5	Styrene	20.3		0.16	1.00	ug/L
75-25-2	Bromoform	20.0		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	5.544			
540-36-3	1,4-Difluorobenzene	173000	6.757			
3114-55-4	Chlorobenzene-d5	152000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	71800	12.018			

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:	DPW		Date Received:		
Client Sample ID:	VX0311WBSD01		SDG No.:	Q1525	
Lab Sample ID:	VX0311WBSD01		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
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	17.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	19.7		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	84.1		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.26	1.00	ug/L
67-64-1	Acetone	96.0		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.19	1.00	ug/L
71-43-2	Benzene	19.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.8		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.25	1.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBSD01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBSD01	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
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.31	2.00	ug/L
95-47-6	o-Xylene	20.2		0.14	1.00	ug/L
100-42-5	Styrene	20.5		0.16	1.00	ug/L
75-25-2	Bromoform	20.3		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92100	5.544			
540-36-3	1,4-Difluorobenzene	166000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68900	12.018			

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.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5
Tert butyl alcohol		0.189	0.161	0.134	0.133	0.136	0.151	16.2
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3

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

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	3.7

* 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.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.770	0.731	0.1	-5.07	20
Vinyl Chloride	0.764	0.723		-5.37	20
Bromomethane	0.300	0.303		1	20
Chloroethane	0.352	0.386		9.66	20
Tert butyl alcohol	0.151	0.117		-22.52	20
1,1-Dichloroethene	0.614	0.615		0.16	20
Acetone	0.369	0.381		3.25	20
Carbon Disulfide	1.636	1.547		-5.44	20
Methyl tert-butyl Ether	2.061	2.061		0	20
Methylene Chloride	0.731	0.714		-2.33	20
trans-1,2-Dichloroethene	0.607	0.616		1.48	20
1,1-Dichloroethane	1.247	1.245	0.1	-0.16	20
2-Butanone	0.555	0.581		4.68	20
Carbon Tetrachloride	0.465	0.493		6.02	20
cis-1,2-Dichloroethene	0.749	0.755		0.8	20
Chloroform	1.239	1.234		-0.4	20
1,1,1-Trichloroethane	1.000	1.017		1.7	20
Benzene	1.448	1.486		2.62	20
1,2-Dichloroethane	0.521	0.546		4.8	20
Trichloroethene	0.340	0.354		4.12	20
1,2-Dichloropropane	0.372	0.380		2.15	20
Bromodichloromethane	0.516	0.557		7.95	20
4-Methyl-2-Pentanone	0.587	0.636		8.35	20
Toluene	0.849	0.900		6.01	20
t-1,3-Dichloropropene	0.431	0.514		19.26	20
cis-1,3-Dichloropropene	0.503	0.580		15.31	20
1,1,2-Trichloroethane	0.350	0.361		3.14	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.366	0.404		10.38	20
Tetrachloroethene	0.320	0.336		5	20
Chlorobenzene	1.058	1.120	0.3	5.86	20
Ethyl Benzene	1.843	1.996		8.3	20
m/p-Xylenes	0.675	0.738		9.33	20
o-Xylene	0.681	0.724		6.31	20
Styrene	1.101	1.222		10.99	20
Bromoform	0.266	0.306	0.1	15.04	20
1,1,2,2-Tetrachloroethane	1.432	1.392	0.3	-2.79	20
1,2-Dichloroethane-d4	0.795	0.792		-0.38	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.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.334	0.355		6.29	20
Toluene-d8	1.212	1.251		3.22	20
4-Bromofluorobenzene	0.402	0.446		10.94	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\VX031125\
Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 01:55:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	69449	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	133868	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	123702	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55461	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	57680	52.214	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%				
35) Dibromofluoromethane	5.379	113	47222	52.754	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%				
50) Toluene-d8	8.647	98	167094	51.490	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%				
62) 4-Bromofluorobenzene	11.079	95	60209	55.990	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.980%				
Target Compounds							Qvalue
16) Acetone	2.380	43	2593	5.059	ug/l		99
31) Cyclohexane	5.471	56	26237	17.457	ug/l	#	92
39) Methylcyclohexane	7.373	83	28019	19.048	ug/l	#	82
40) Benzene	6.038	78	5613	1.448	ug/l	#	88
44) Trichloroethene	7.123	130	2874	3.157	ug/l		94
65) Chlorobenzene	10.080	112	7137	2.727	ug/l		95
67) Ethyl Benzene	10.189	91	150136	32.918	ug/l		98
68) m/p-Xylenes	10.299	106	30248	18.117	ug/l		99
69) o-Xylene	10.640	106	2499	1.484	ug/l		90
73) Isopropylbenzene	10.957	105	57321	13.241	ug/l		100
78) n-propylbenzene	11.305	91	105706	21.616	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	8317	2.376	ug/l		98
83) tert-Butylbenzene	11.713	119	8149	2.266	ug/l		85
84) 1,2,4-Trimethylbenzene	11.750	105	126160	35.821	ug/l		98
85) sec-Butylbenzene	11.890	105	14656	3.402	ug/l		95
89) n-Butylbenzene	12.329	91	5677m	1.893	ug/l		
95) Naphthalene	13.774	128	31539	7.887	ug/l		96

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

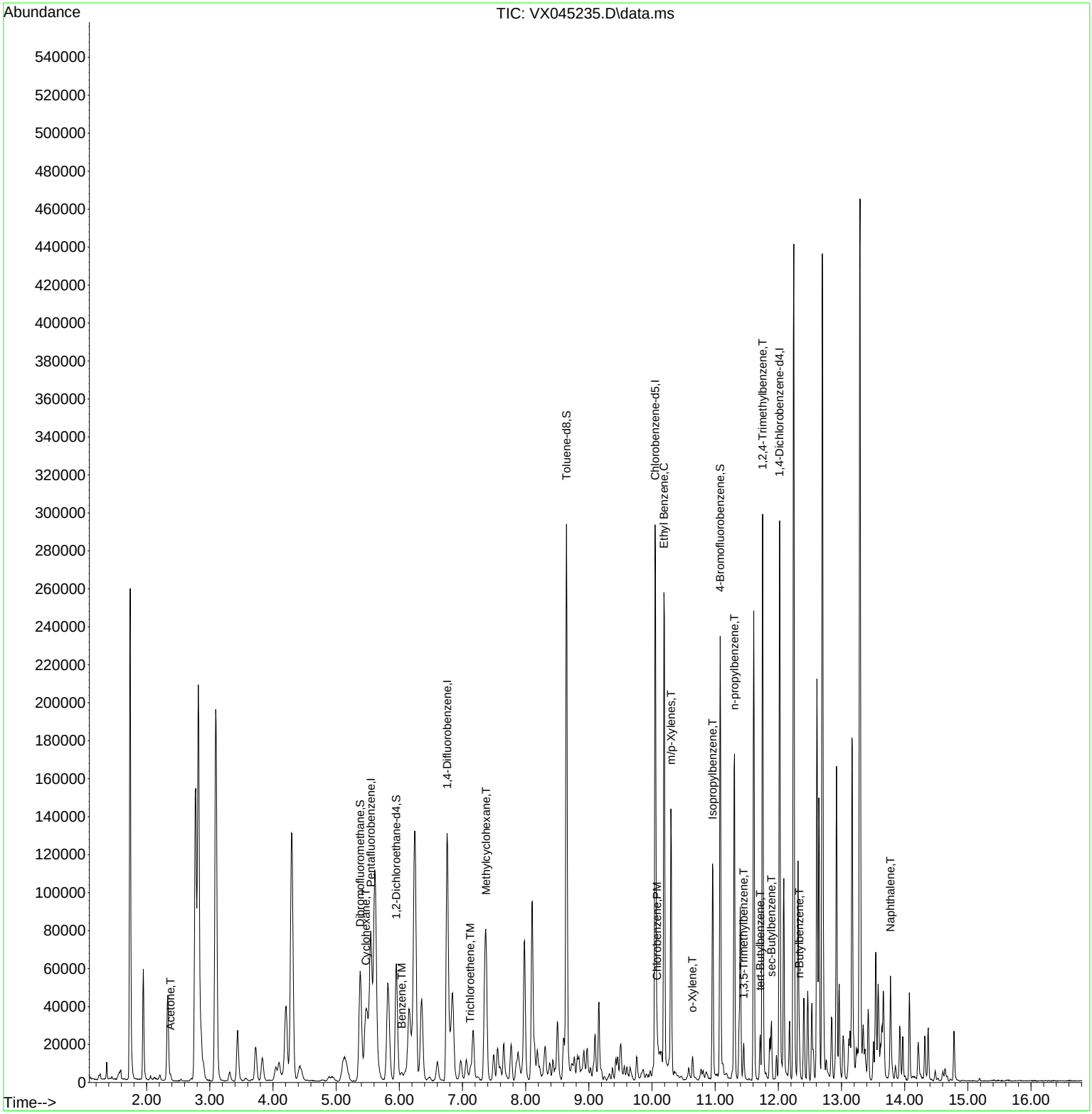
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

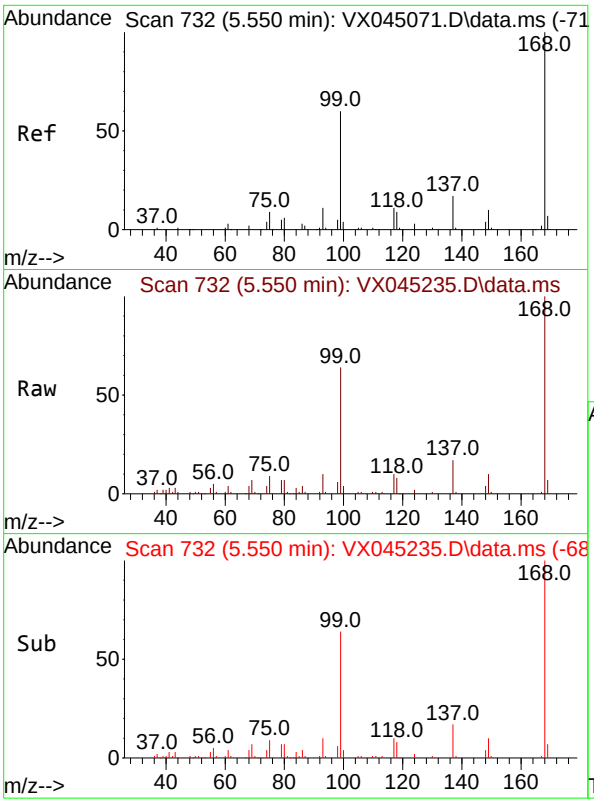
Quant Time: Mar 12 01:55:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

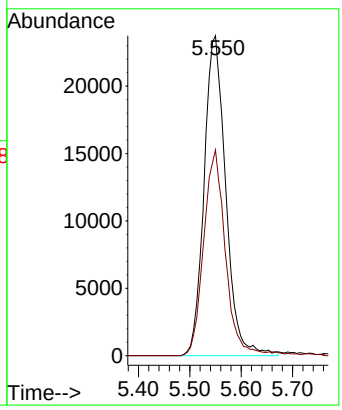




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:168 Resp: 6944

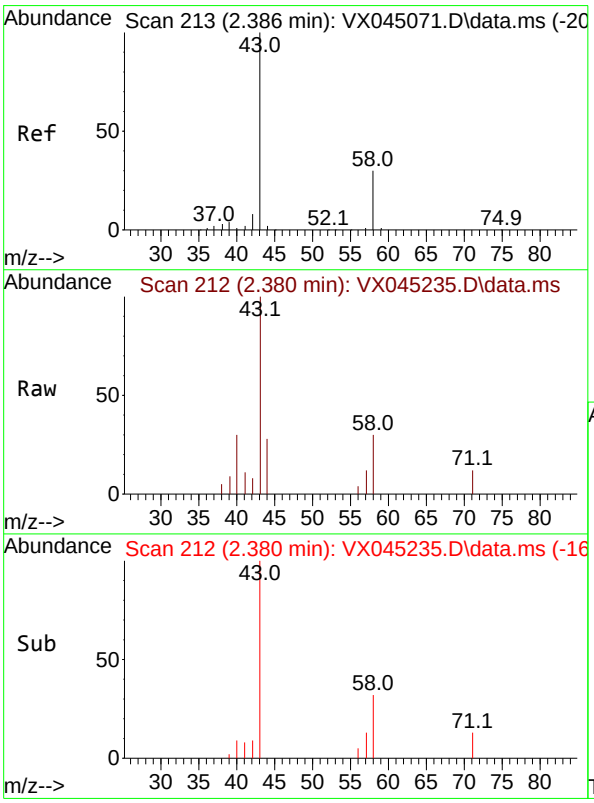
Ion	Ratio	Lower	Upper
168	100		
99	64.3	48.2	72.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

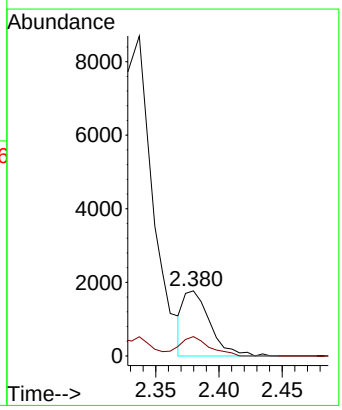
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

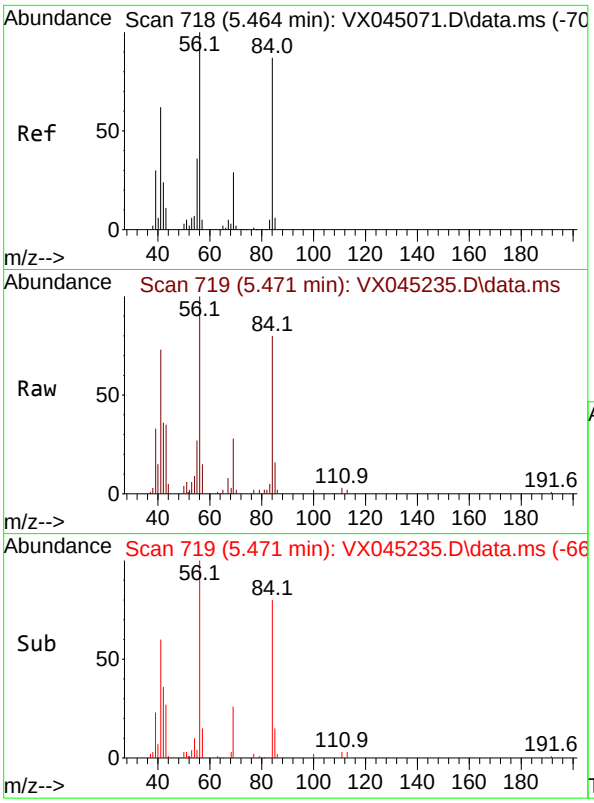


#16
Acetone
Concen: 5.059 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 43 Resp: 2593

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.2	36.4

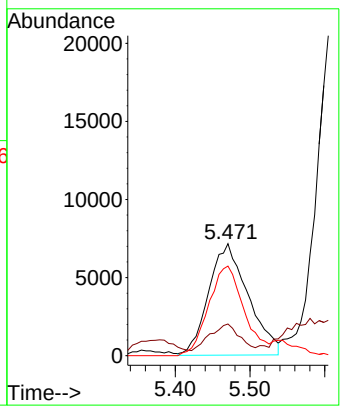




#31
Cyclohexane
Concen: 17.457 ug/l
RT: 5.471 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 56 Resp: 2623

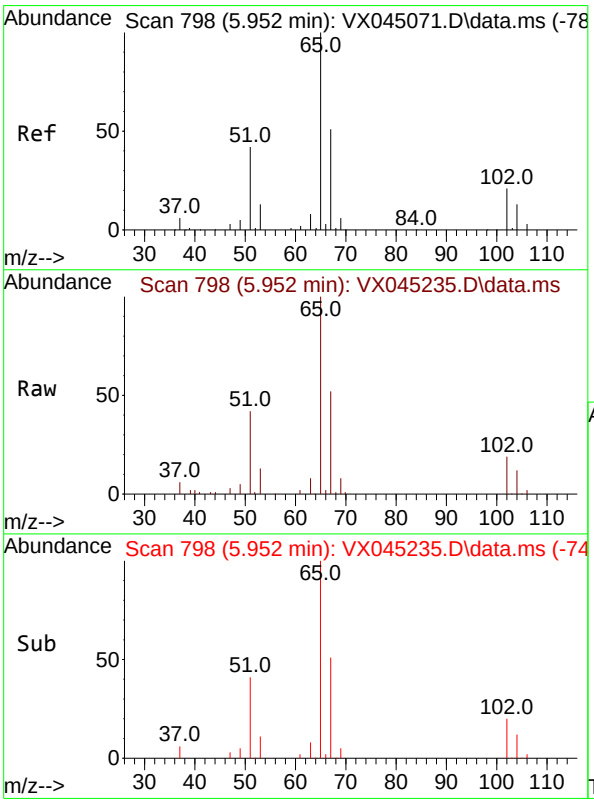
Ion	Ratio	Lower	Upper
56	100		
69	21.2	23.4	35.2
84	81.5	69.4	104.2



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

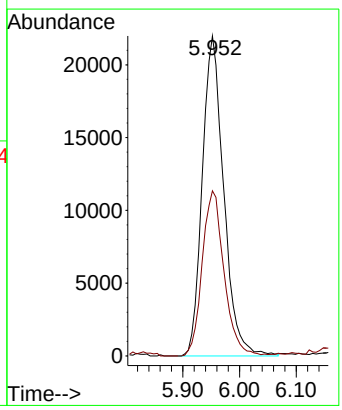
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

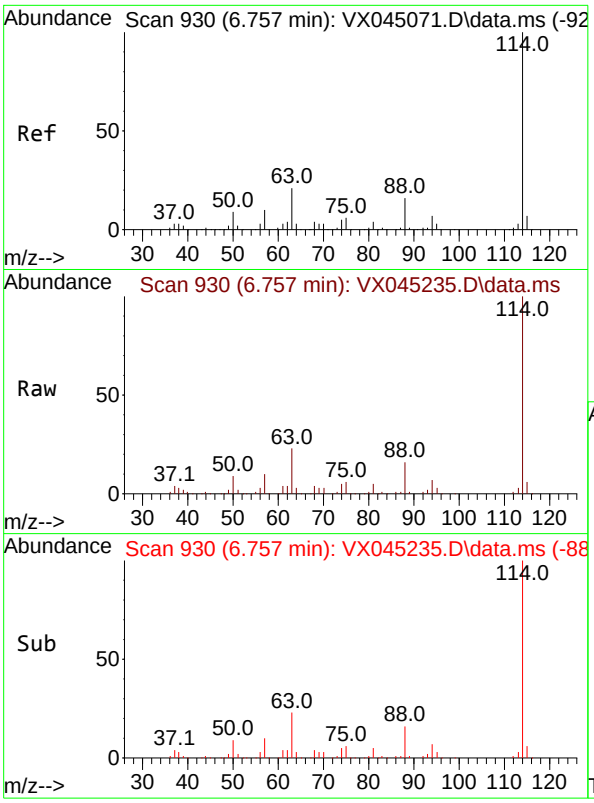


#33
1,2-Dichloroethane-d4
Concen: 52.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 65 Resp: 57680

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2

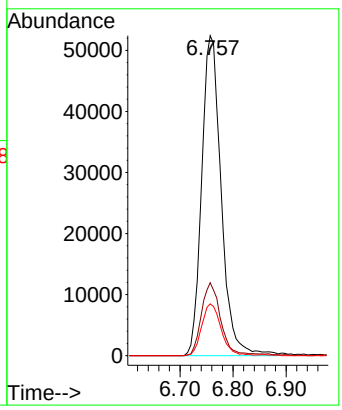




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:114 Resp: 13386

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.2	0.0	32.8



Instrument :
MSVOA_X
ClientSampleId :
MW10

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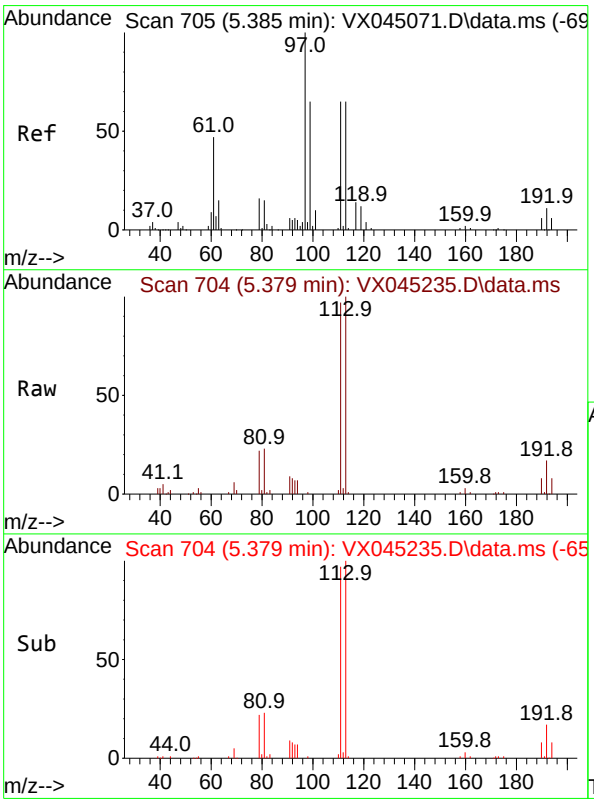
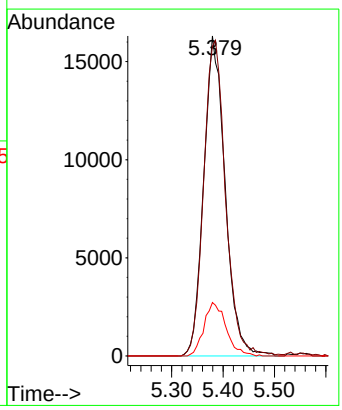
Supervised By :Mahesh Dadoda 03/12/2025

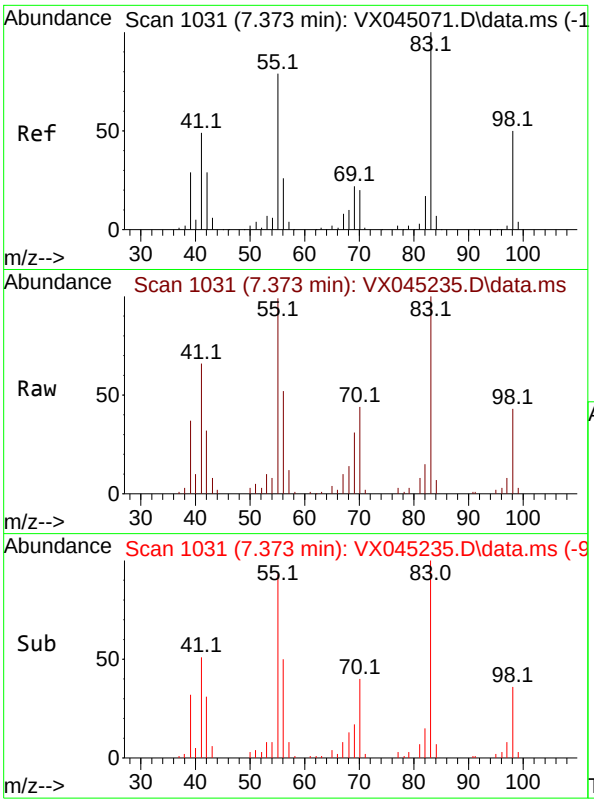


#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:113 Resp: 47222

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.6
192	17.3	14.3	21.5





#39
Methylcyclohexane
Concen: 19.048 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 83 Resp: 2801

Ion	Ratio	Lower	Upper
83	100		
55	98.8	63.0	94.4#
98	42.7	39.7	59.5

Instrument :
MSVOA_X
ClientSampleId :
MW10

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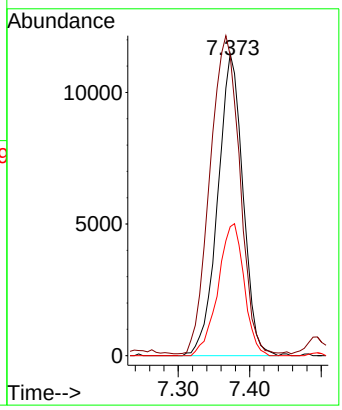
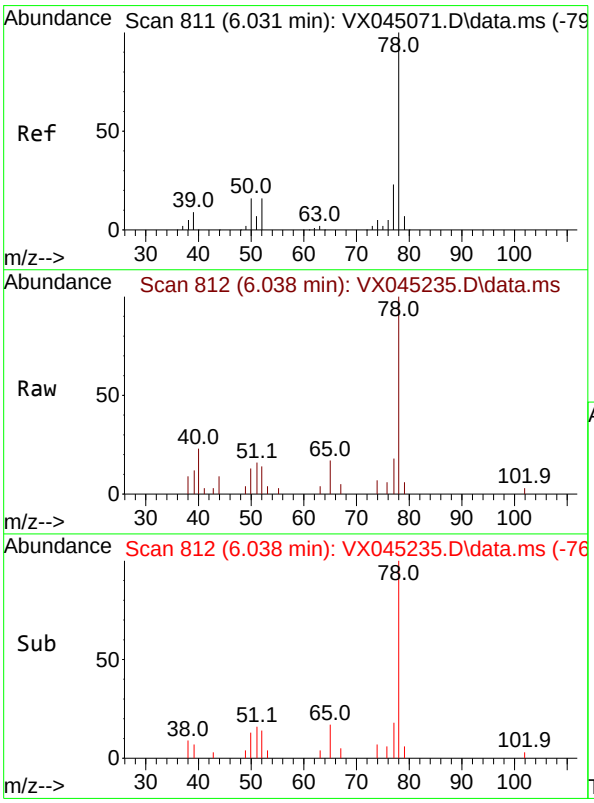
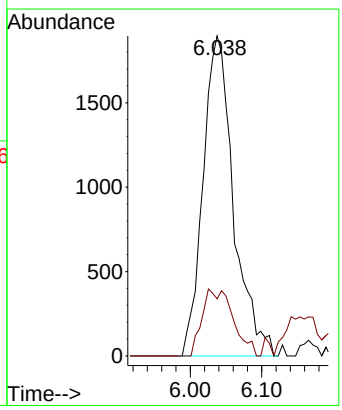


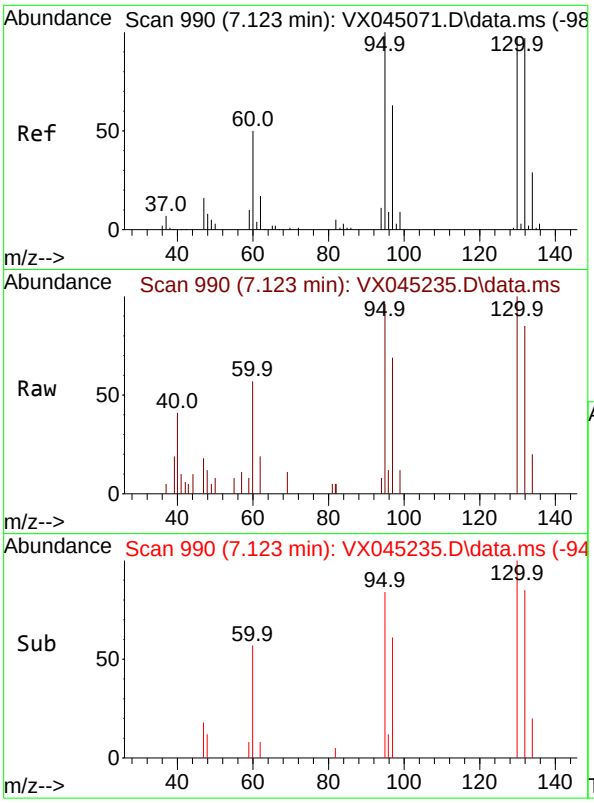


#40
Benzene
Concen: 1.448 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 78 Resp: 5613

Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.8	28.2#

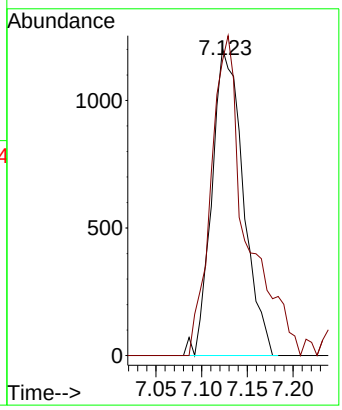




#44
Trichloroethene
Concen: 3.157 ug/l
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:130 Resp: 287

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	205.0



Instrument :
MSVOA_X
ClientSampleId :
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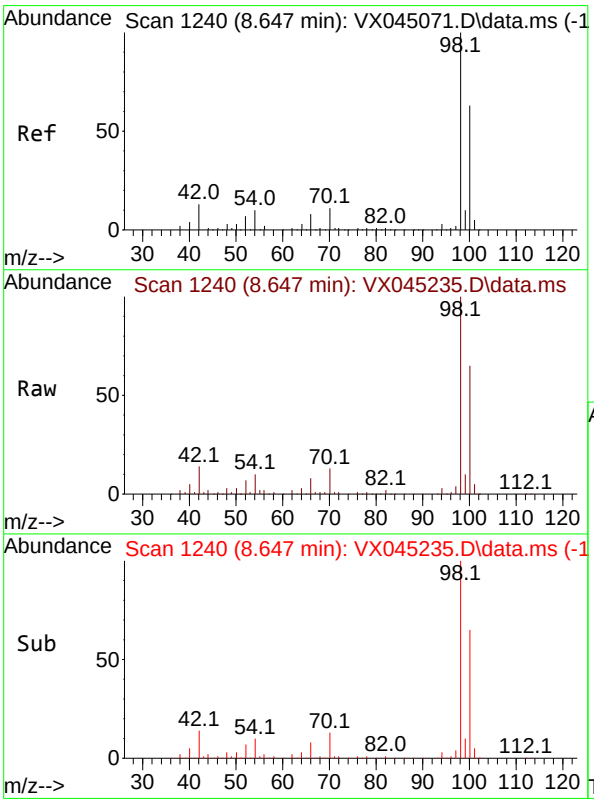
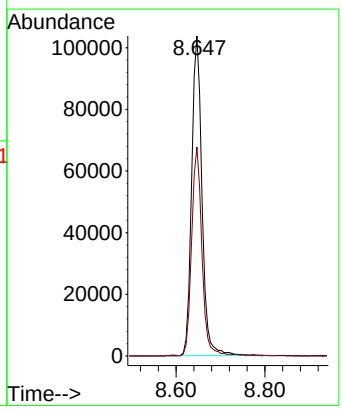
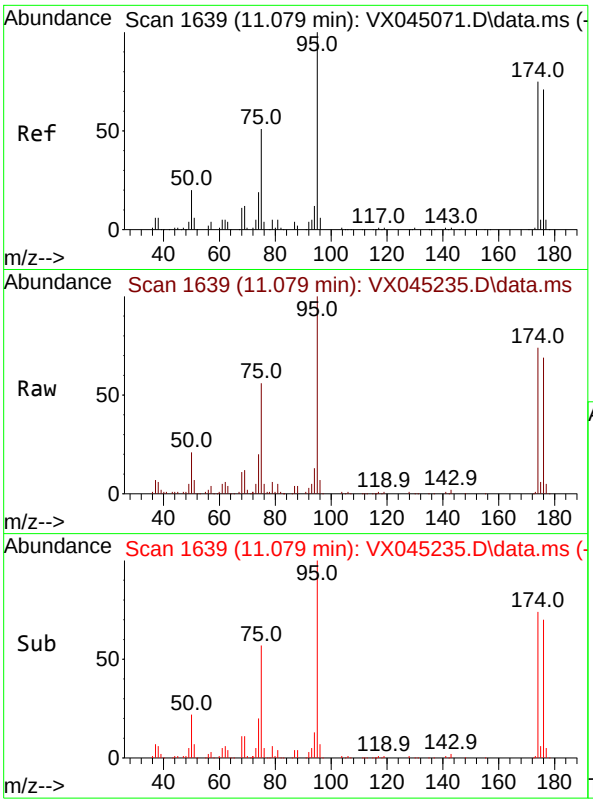


#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 98 Resp: 167094

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

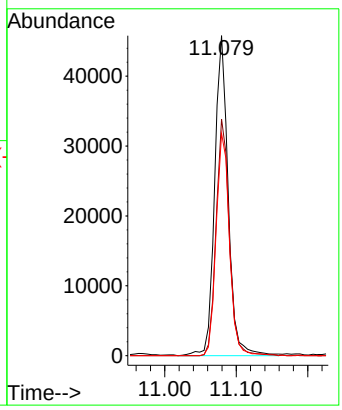




#62
4-Bromofluorobenzene
Concen: 55.990 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 95 Resp: 6020

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	148.2
176	68.5	0.0	141.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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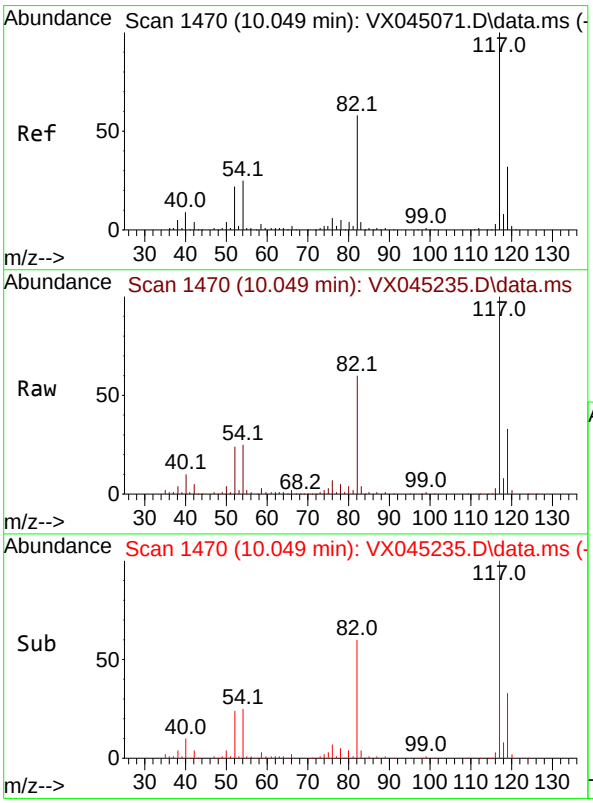
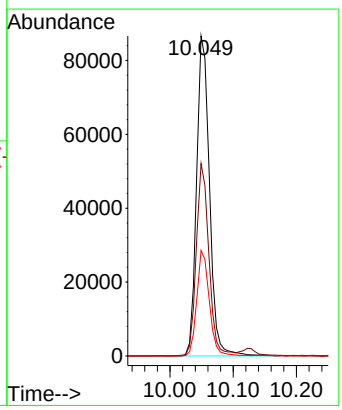
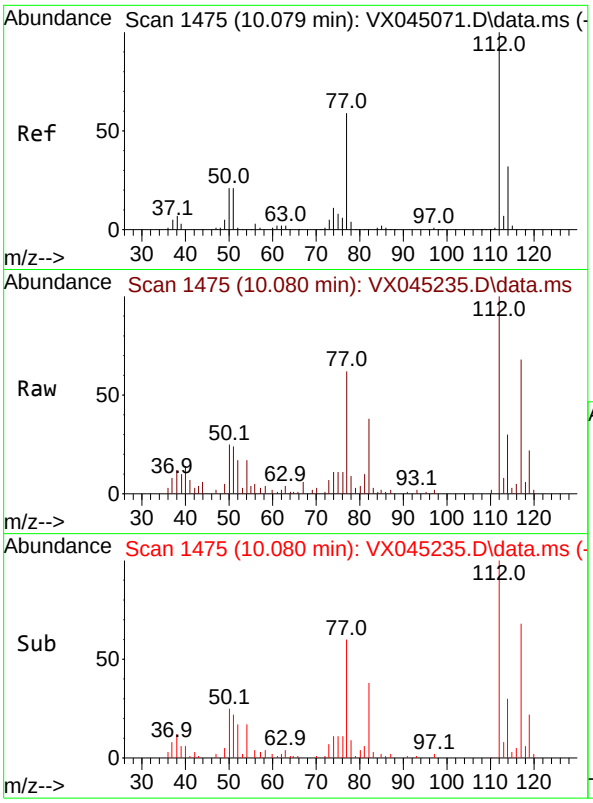


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:117 Resp: 123702

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.3	69.5
119	33.0	25.7	38.5

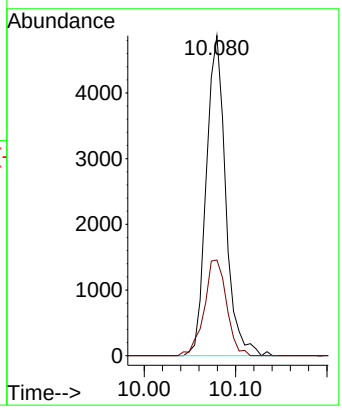




#65
Chlorobenzene
Concen: 2.727 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:112 Resp: 713

Ion	Ratio	Lower	Upper
112	100		
114	29.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

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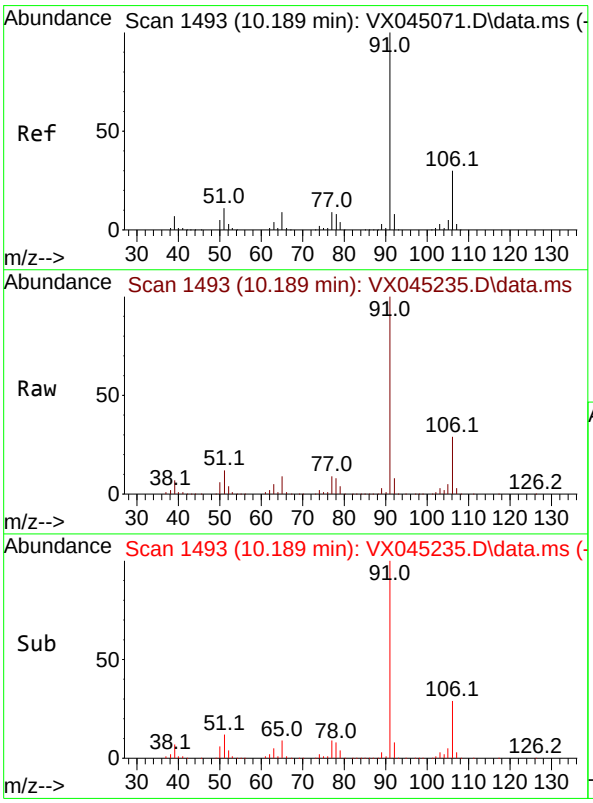
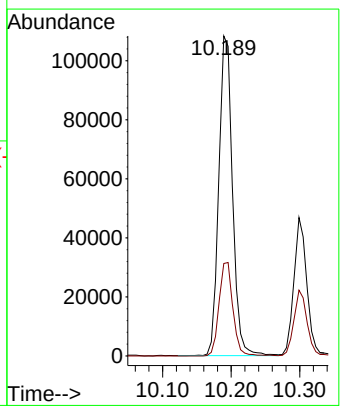
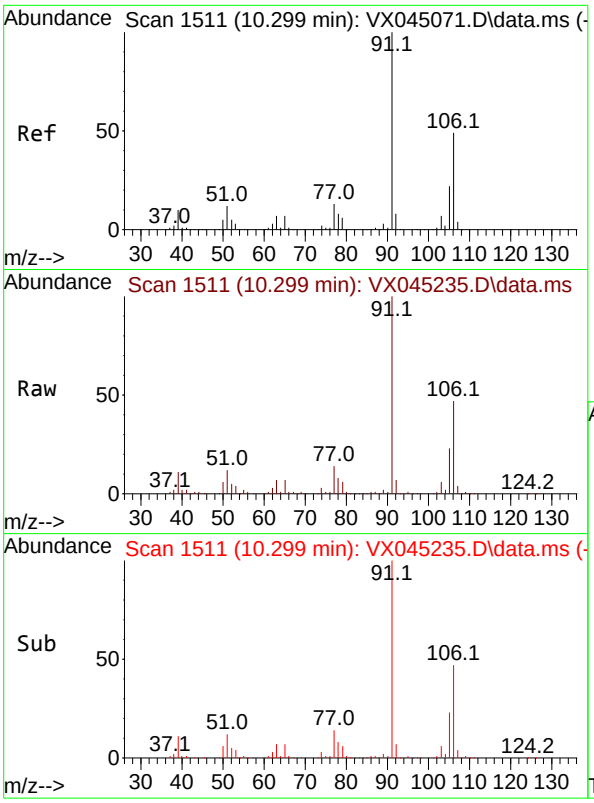


#67
Ethyl Benzene
Concen: 32.918 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 150136

Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.9	35.9

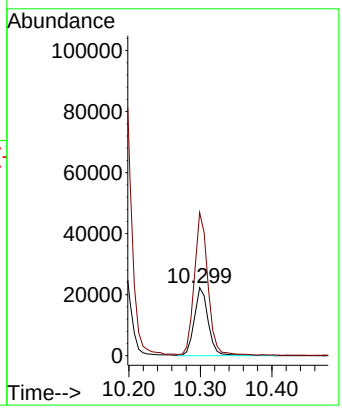




#68
m/p-Xylenes
Concen: 18.117 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:106 Resp: 3024

Ion	Ratio	Lower	Upper
106	100		
91	204.8	165.4	248.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

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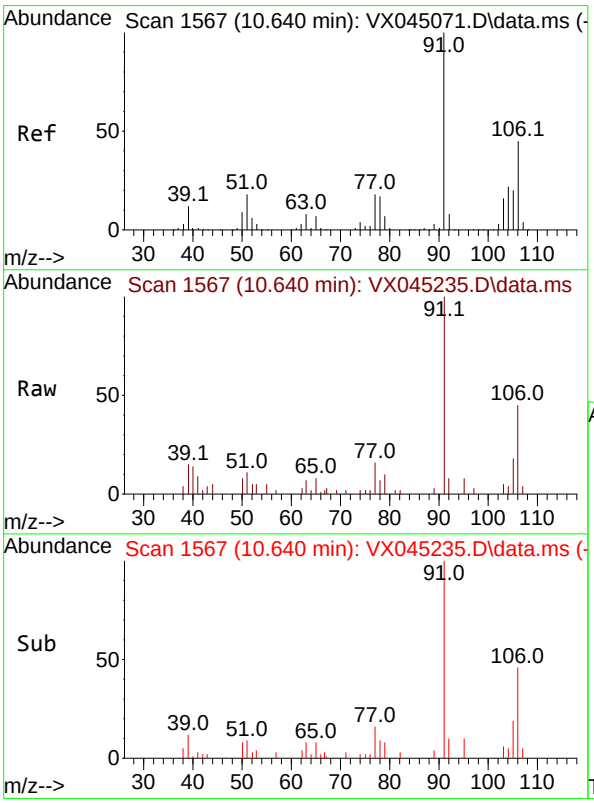
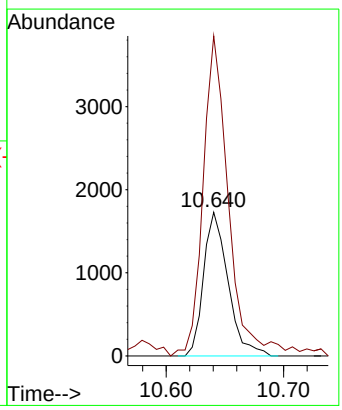
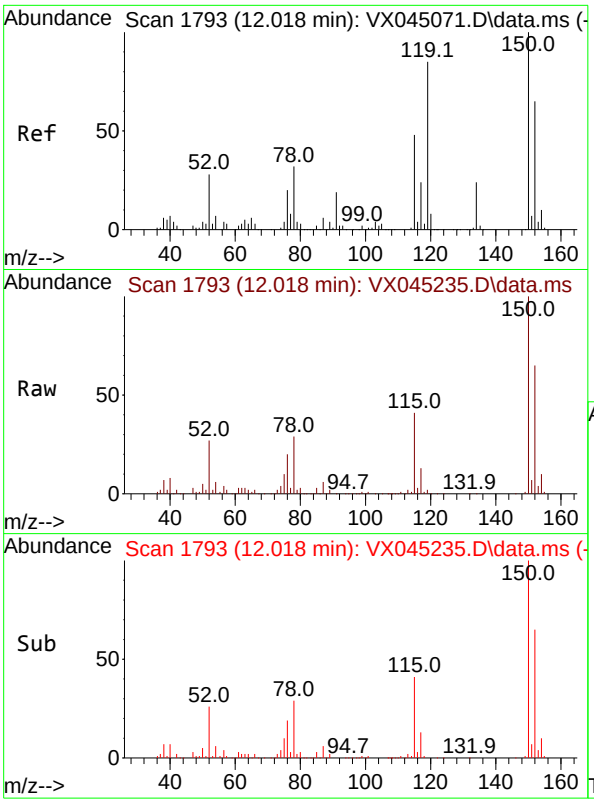


#69
o-Xylene
Concen: 1.484 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:106 Resp: 2499

Ion	Ratio	Lower	Upper
106	100		
91	235.5	109.9	329.6

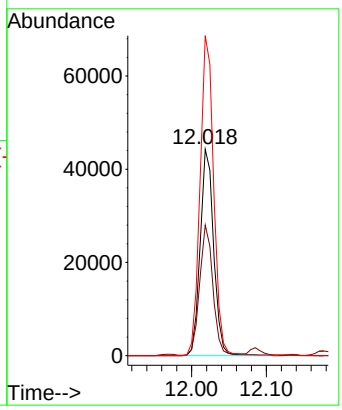




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:152 Resp: 5546

Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.2	132.6
150	157.2	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

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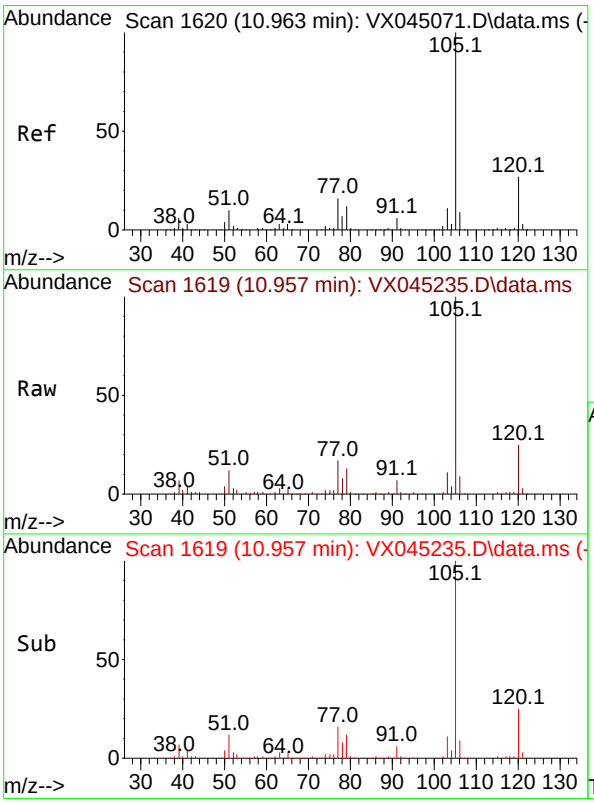
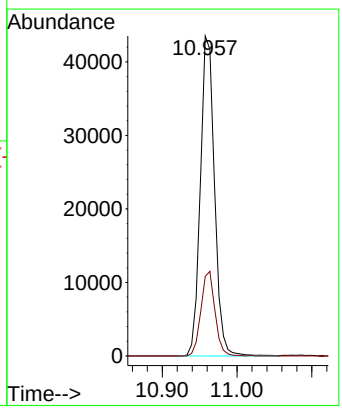
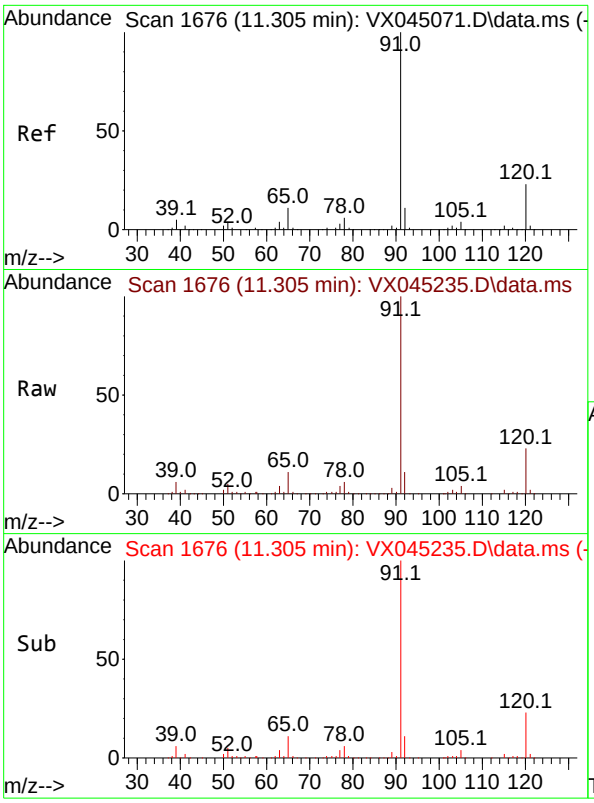


#73
Isopropylbenzene
Concen: 13.241 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 57321

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

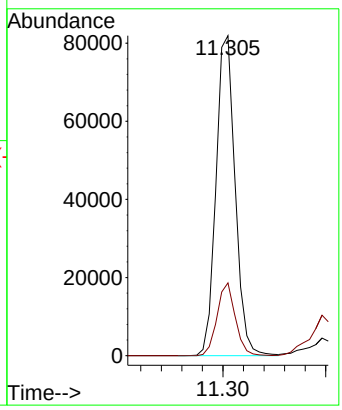




#78
n-propylbenzene
Concen: 21.616 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 10570

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.6



Instrument :
MSVOA_X
ClientSampleId :
MW10

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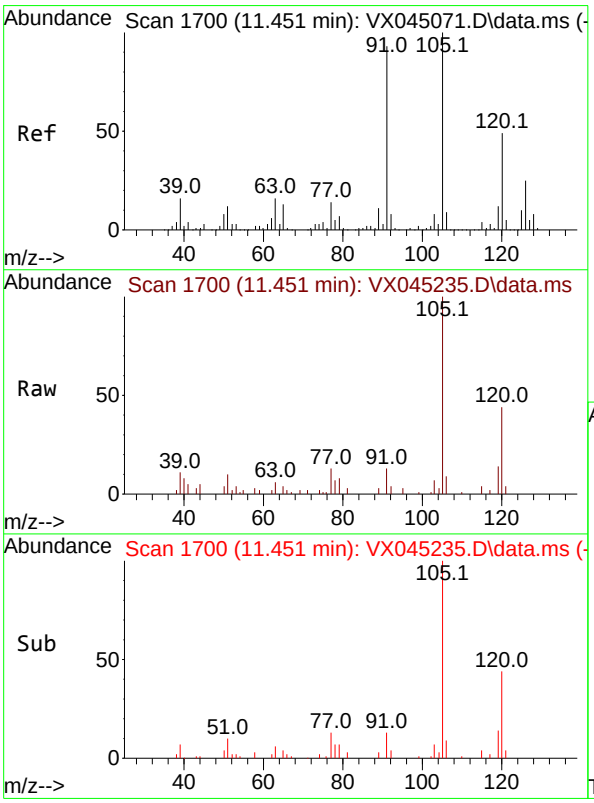
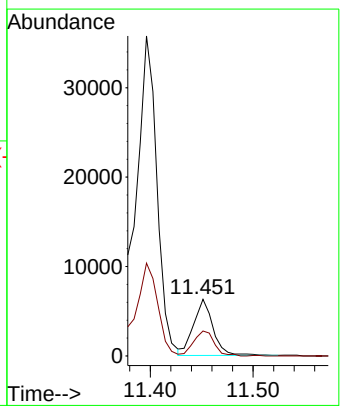
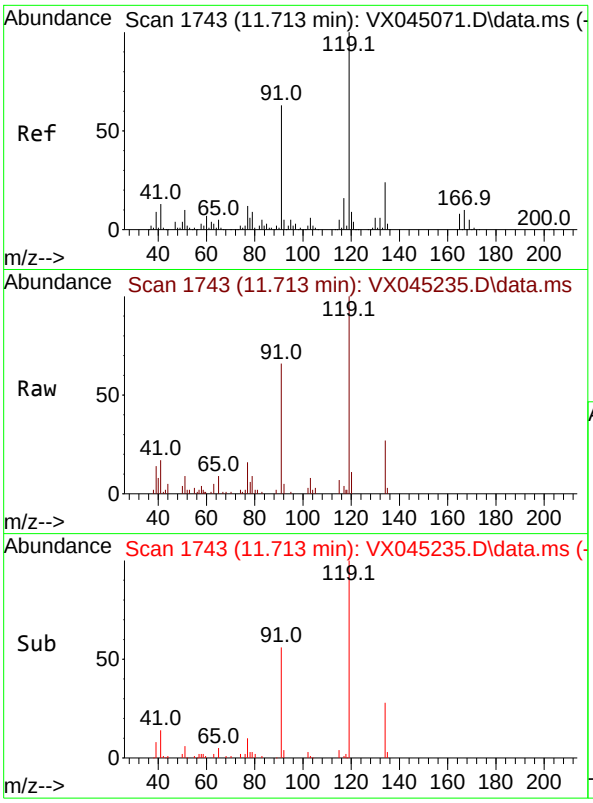


#80
1,3,5-Trimethylbenzene
Concen: 2.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 8317

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.2

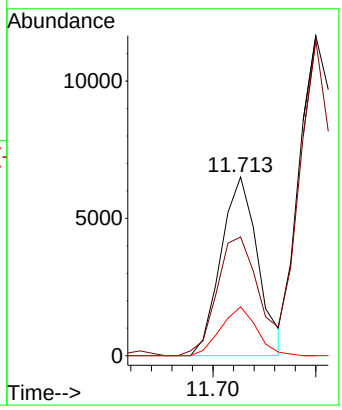




#83
tert-Butylbenzene
Concen: 2.266 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:119 Resp: 814

Ion	Ratio	Lower	Upper
119	100		
91	75.8	30.7	92.1
134	26.5	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

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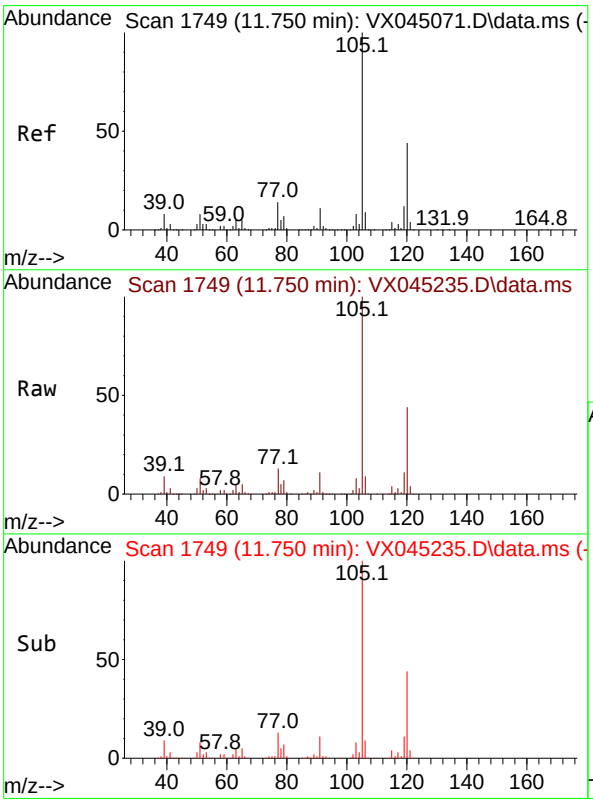
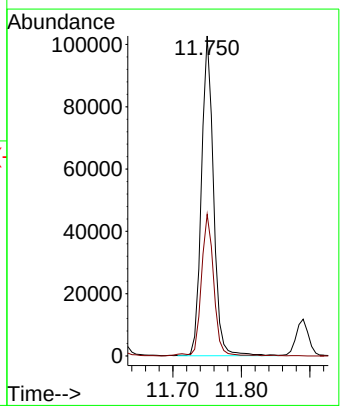
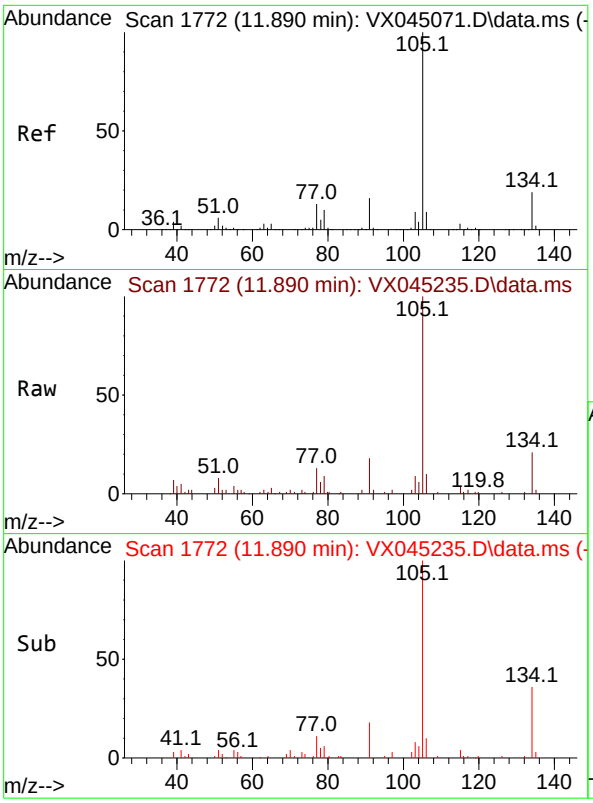


#84
1,2,4-Trimethylbenzene
Concen: 35.821 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 126160

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.1

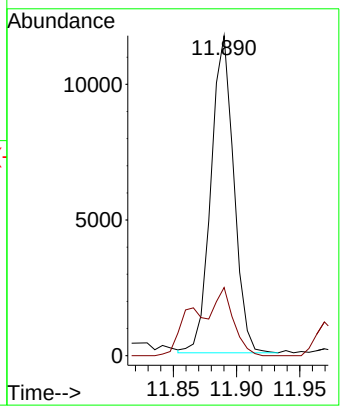




#85
sec-Butylbenzene
Concen: 3.402 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 1465

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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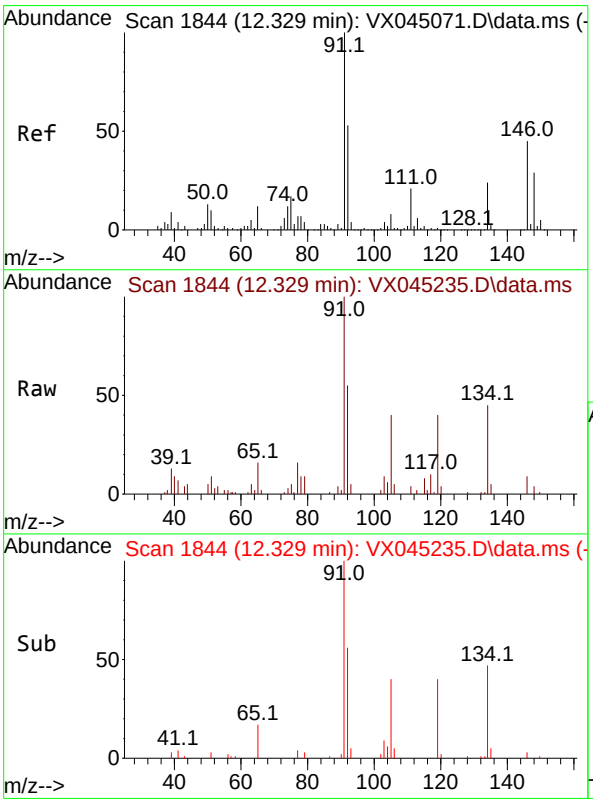
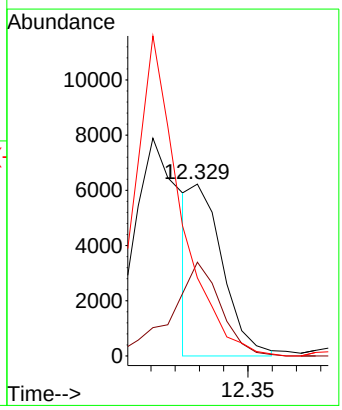
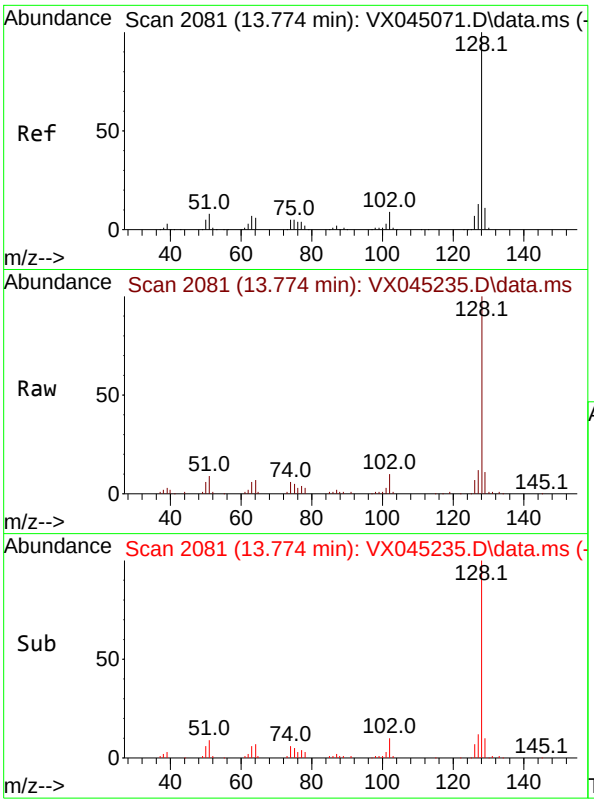


#89
n-Butylbenzene
Concen: 1.893 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 5677

Ion	Ratio	Lower	Upper
91	100		
92	84.7	26.7	80.0#
134	261.7	12.2	36.6#

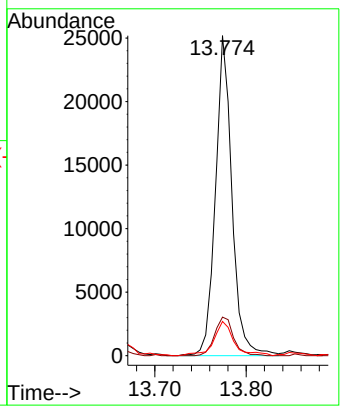




#95
Naphthalene
Concen: 7.887 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:128 Resp: 3153

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	13.1	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045213.D
Acq On : 11 Mar 2025 10:51
Operator : JC/MD
Sample : VX0311WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Quant Time: Mar 12 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	69956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59358	53.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	5.385	113	47150	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.647	98	170914	50.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	57517	51.435	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.880%			

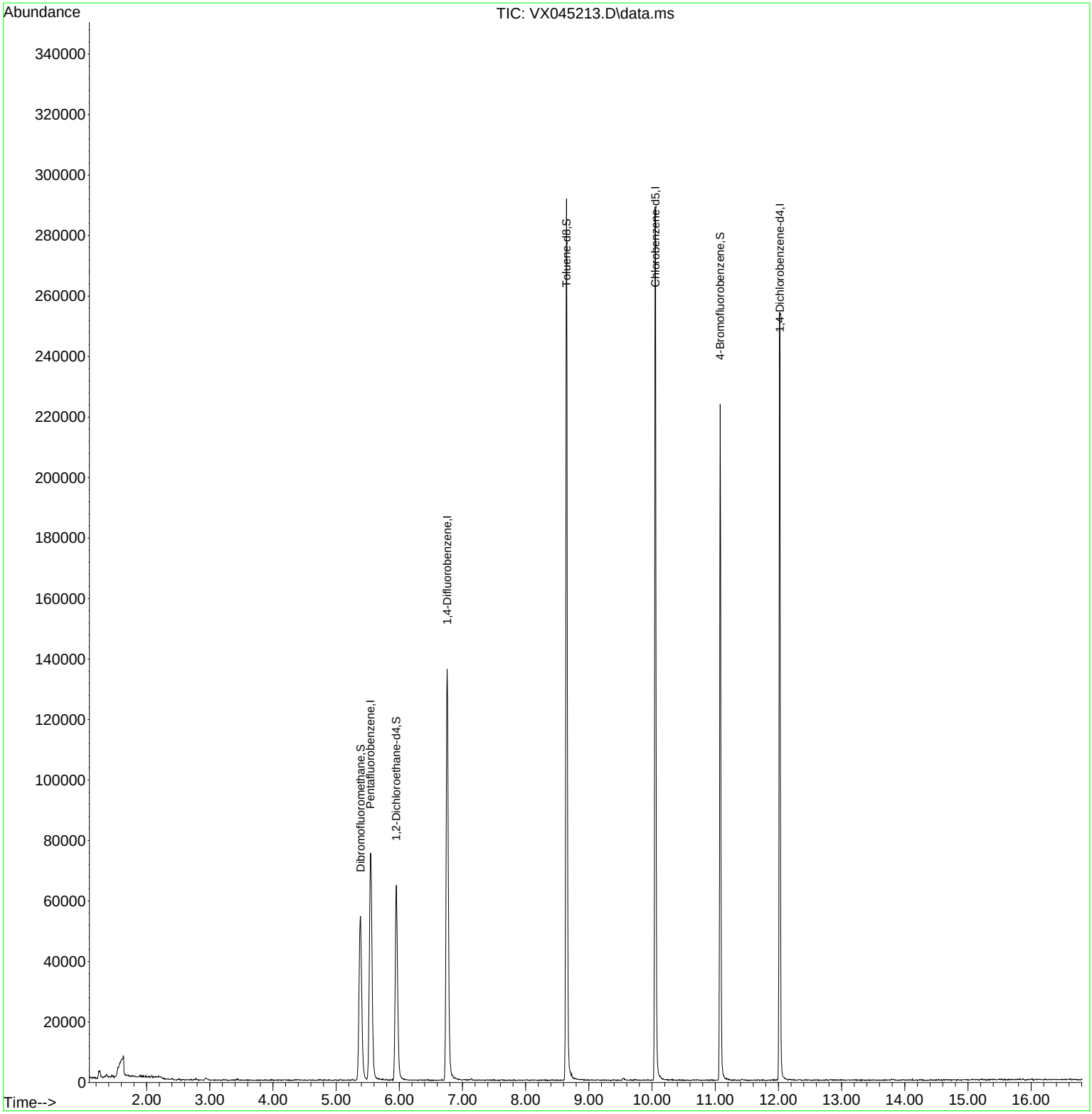
Target Compounds Qvalue

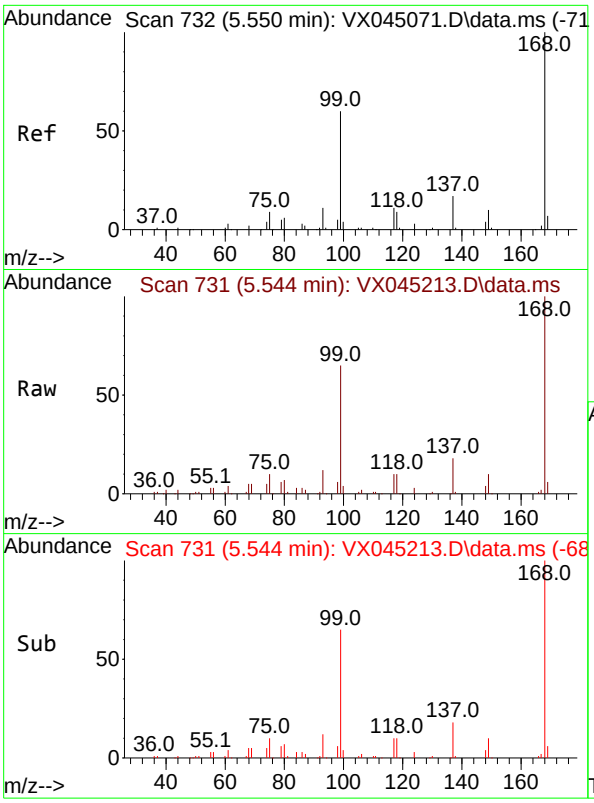
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045213.D
Acq On : 11 Mar 2025 10:51
Operator : JC/MD
Sample : VX0311WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Quant Time: Mar 12 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



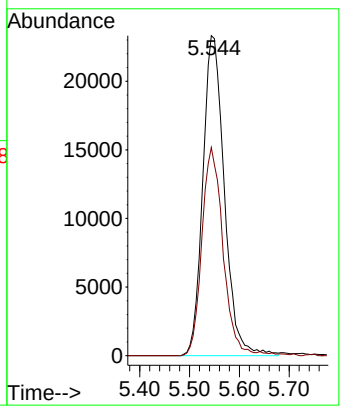


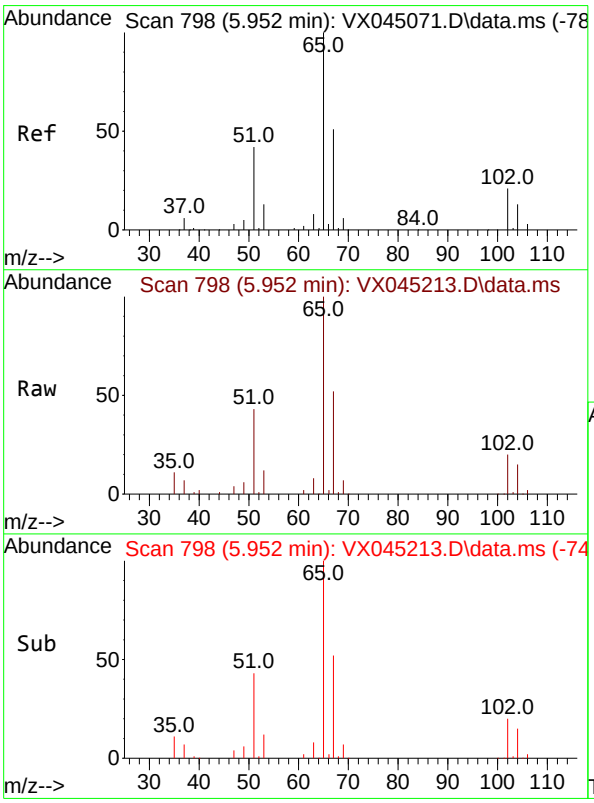
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion:168 Resp: 69956

Ion	Ratio	Lower	Upper
168	100		
99	65.0	48.2	72.4

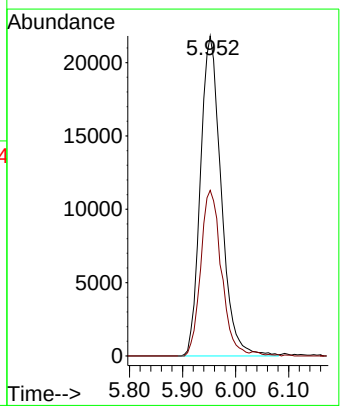


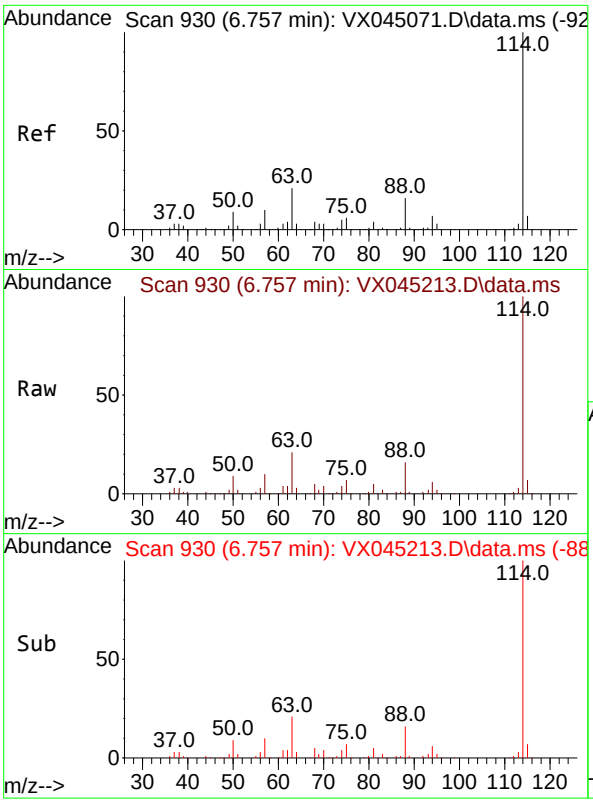


#33
1,2-Dichloroethane-d4
Concen: 53.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 65 Resp: 59358

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



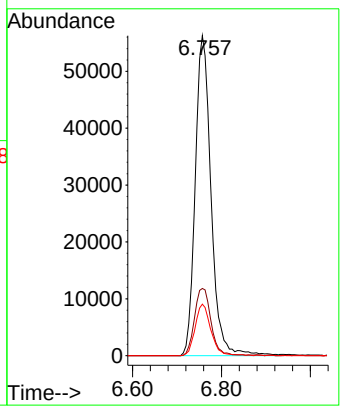


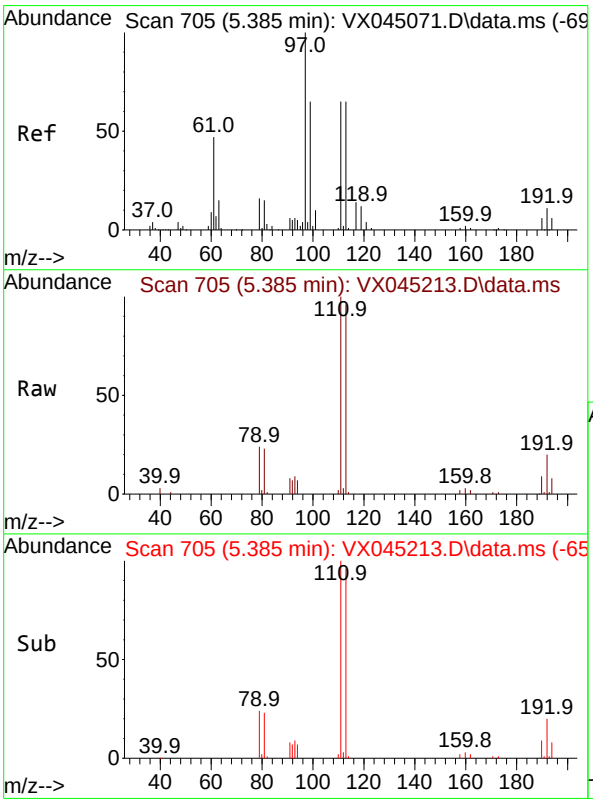
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion:114 Resp: 139206

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.8
88	16.1	0.0	32.8

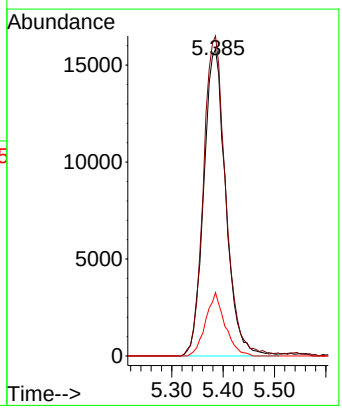


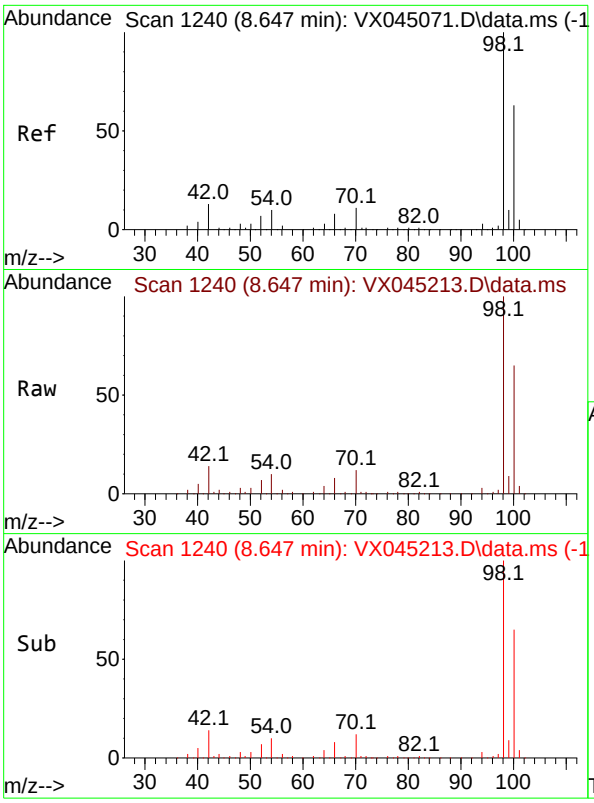


#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:113 Resp: 47150

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.6
192	18.1	14.3	21.5



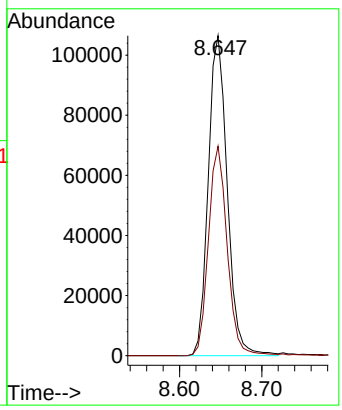


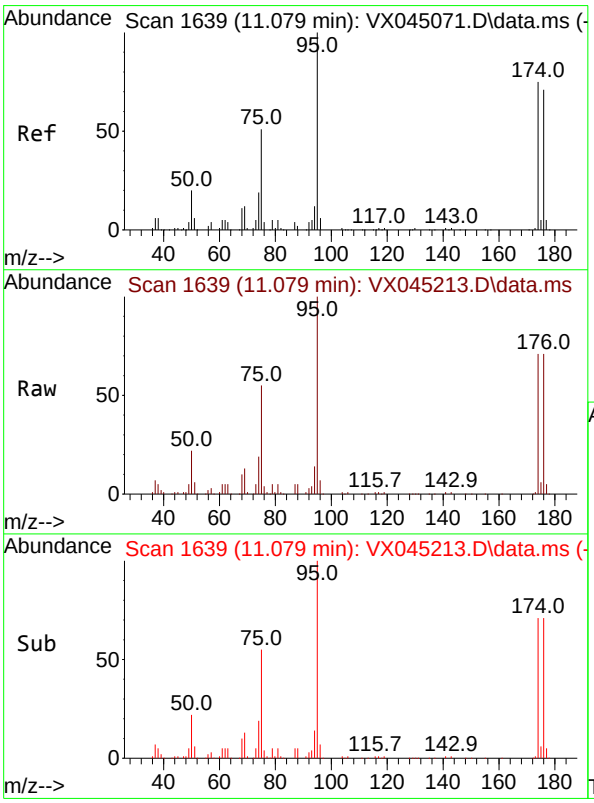
#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion: 98 Resp: 170914

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

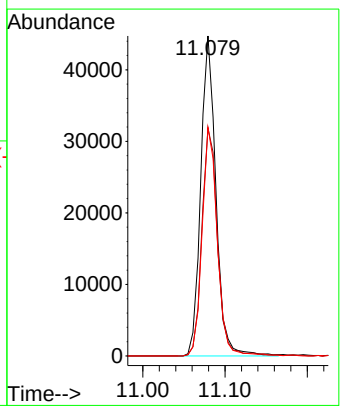


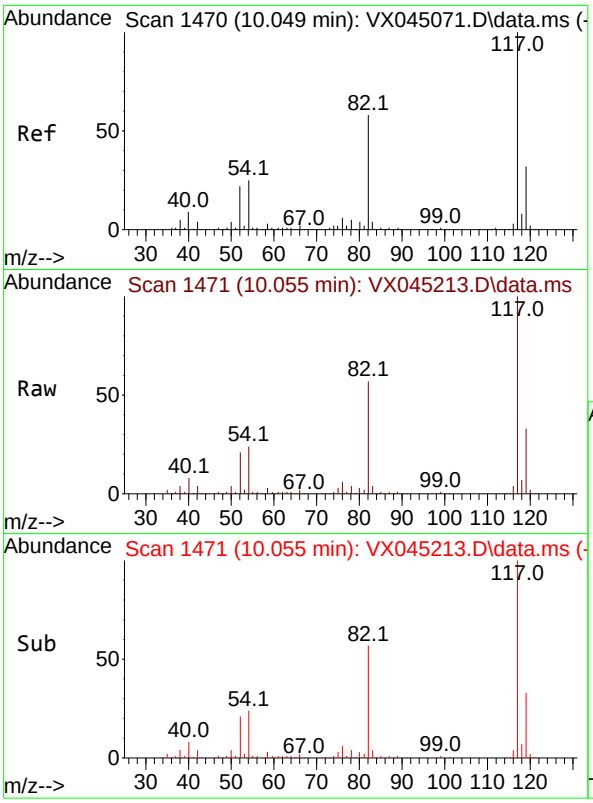


#62
4-Bromofluorobenzene
Concen: 51.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 95 Resp: 57517

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	148.2
176	71.2	0.0	141.4



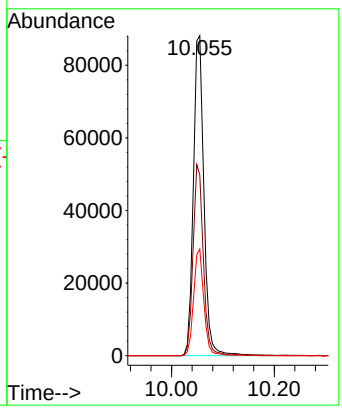


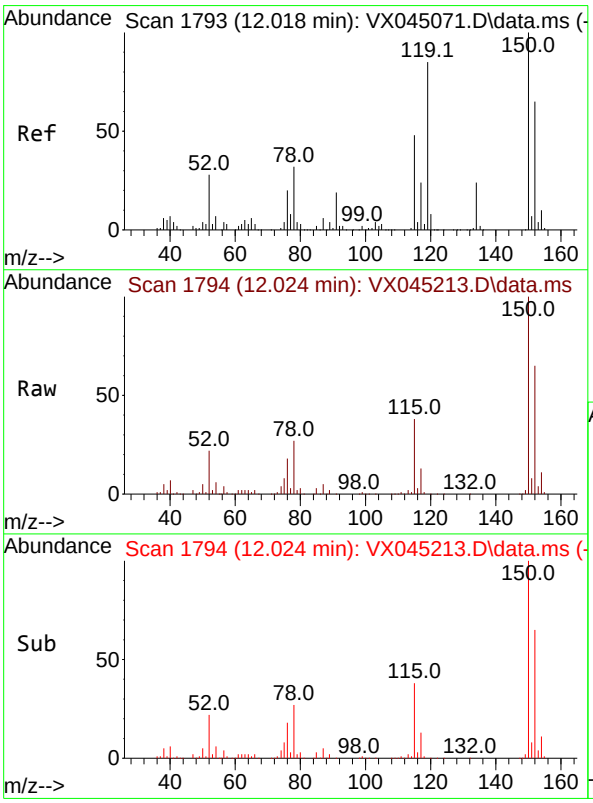
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion:117 Resp: 126312

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.3	69.5
119	33.4	25.7	38.5

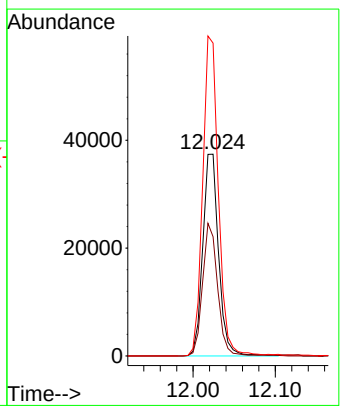




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:152 Resp: 50068

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.2	132.6
150	156.6	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78434	52.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	59827	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.647	98	214187	51.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	73373	52.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23221	19.462	ug/l	93
3) Chloromethane	1.307	50	27497	18.832	ug/l	98
4) Vinyl Chloride	1.374	62	25371	17.516	ug/l	100
5) Bromomethane	1.593	94	10762	18.900	ug/l	99
6) Chloroethane	1.666	64	14288	21.385	ug/l	99
7) Trichlorofluoromethane	1.873	101	36662	19.119	ug/l	98
8) Diethyl Ether	2.130	74	13336	17.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22963	20.844	ug/l	98
10) Methyl Iodide	2.440	142	26241	19.060	ug/l	98
11) Tert butyl alcohol	2.977	59	23827	83.432	ug/l	99
12) 1,1-Dichloroethene	2.306	96	21892	18.796	ug/l	96
13) Acrolein	2.233	56	27498	83.295	ug/l	98
14) Allyl chloride	2.654	41	42402	20.452	ug/l	97
15) Acrylonitrile	3.062	53	76815	100.359	ug/l	98
16) Acetone	2.379	43	68022	97.239	ug/l	100
17) Carbon Disulfide	2.501	76	52443	16.905	ug/l	99
18) Methyl Acetate	2.703	43	38406	22.822	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76028	19.456	ug/l	97
20) Methylene Chloride	2.782	84	25706	18.551	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	22379	19.449	ug/l	96
22) Diisopropyl ether	3.763	45	82227	19.501	ug/l	92
23) Vinyl Acetate	3.721	43	347170	98.664	ug/l	100
24) 1,1-Dichloroethane	3.605	63	46401	19.636	ug/l	100
25) 2-Butanone	4.556	43	108494	103.036	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31745	28.640	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27319	19.233	ug/l	93
28) Bromochloromethane	4.891	49	23024	20.441	ug/l	98
29) Tetrahydrofuran	5.007	42	69813	98.728	ug/l	99
30) Chloroform	5.092	83	46678	19.880	ug/l	96
31) Cyclohexane	5.458	56	40348	19.670	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37908	19.990	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29907	18.899	ug/l	99
37) Ethyl Acetate	4.714	43	38853	19.054	ug/l	100
38) Carbon Tetrachloride	5.665	117	31723	19.746	ug/l	94
39) Methylcyclohexane	7.372	83	37800	19.935	ug/l	96
40) Benzene	6.031	78	96762	19.364	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22316	20.240	ug/l		96
42) 1,2-Dichloroethane	6.086	62	35693	19.836	ug/l		100
43) Isopropyl Acetate	6.342	43	60338	20.011	ug/l		98
44) Trichloroethene	7.123	130	22228	18.944	ug/l		100
45) 1,2-Dichloropropane	7.421	63	24329	18.936	ug/l		92
46) Dibromomethane	7.580	93	18282	20.132	ug/l		97
47) Bromodichloromethane	7.818	83	34860	19.571	ug/l		100
48) Methyl methacrylate	7.696	41	30110	19.905	ug/l		96
49) 1,4-Dioxane	7.665	88	12029	376.974	ug/l		92
51) 4-Methyl-2-Pentanone	8.573	43	214467	105.932	ug/l		99
52) Toluene	8.714	92	58726	20.030	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29814	20.021	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35732	20.578	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	23516	19.483	ug/l		98
56) Ethyl methacrylate	9.116	69	35989	19.616	ug/l		95
57) 1,3-Dichloropropane	9.305	76	42034	20.124	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	86098	96.201	ug/l		98
59) 2-Hexanone	9.427	43	159240	108.556	ug/l		100
60) Dibromochloromethane	9.518	129	24640	19.524	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23673	19.647	ug/l		98
64) Tetrachloroethene	9.268	164	18990	19.537	ug/l		94
65) Chlorobenzene	10.079	112	63389	19.739	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	21025	19.659	ug/l		97
67) Ethyl Benzene	10.189	91	110625	19.770	ug/l		97
68) m/p-Xylenes	10.299	106	82080	40.069	ug/l		100
69) o-Xylene	10.640	106	40108	19.413	ug/l		99
70) Styrene	10.652	104	67728	20.260	ug/l		100
71) Bromoform	10.799	173	16153	20.029	ug/l	#	96
73) Isopropylbenzene	10.963	105	107006	19.084	ug/l		99
74) N-amyl acetate	10.841	43	50165	19.067	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40119	19.498	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	32153m	19.230	ug/l		
77) Bromobenzene	11.195	156	24515	18.531	ug/l		99
78) n-propylbenzene	11.305	91	121782	19.227	ug/l		99
79) 2-Chlorotoluene	11.360	91	74331	18.427	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	87665	19.336	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	8908	18.233	ug/l		92
82) 4-Chlorotoluene	11.451	91	84393	19.196	ug/l		99
83) tert-Butylbenzene	11.713	119	87407	18.764	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	87408	19.161	ug/l		99
85) sec-Butylbenzene	11.890	105	109340	19.595	ug/l		100
86) p-Isopropyltoluene	12.006	119	89213	19.784	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	45456	19.261	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	44731	18.734	ug/l		99
89) n-Butylbenzene	12.329	91	77043	19.837	ug/l		99
90) Hexachloroethane	12.536	117	14295	17.526	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	45966	19.416	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7663	19.117	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	25441	18.873	ug/l		99
94) Hexachlorobutadiene	13.725	225	11095	20.075	ug/l		96
95) Naphthalene	13.774	128	97611	18.846	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	26572	18.685	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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

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

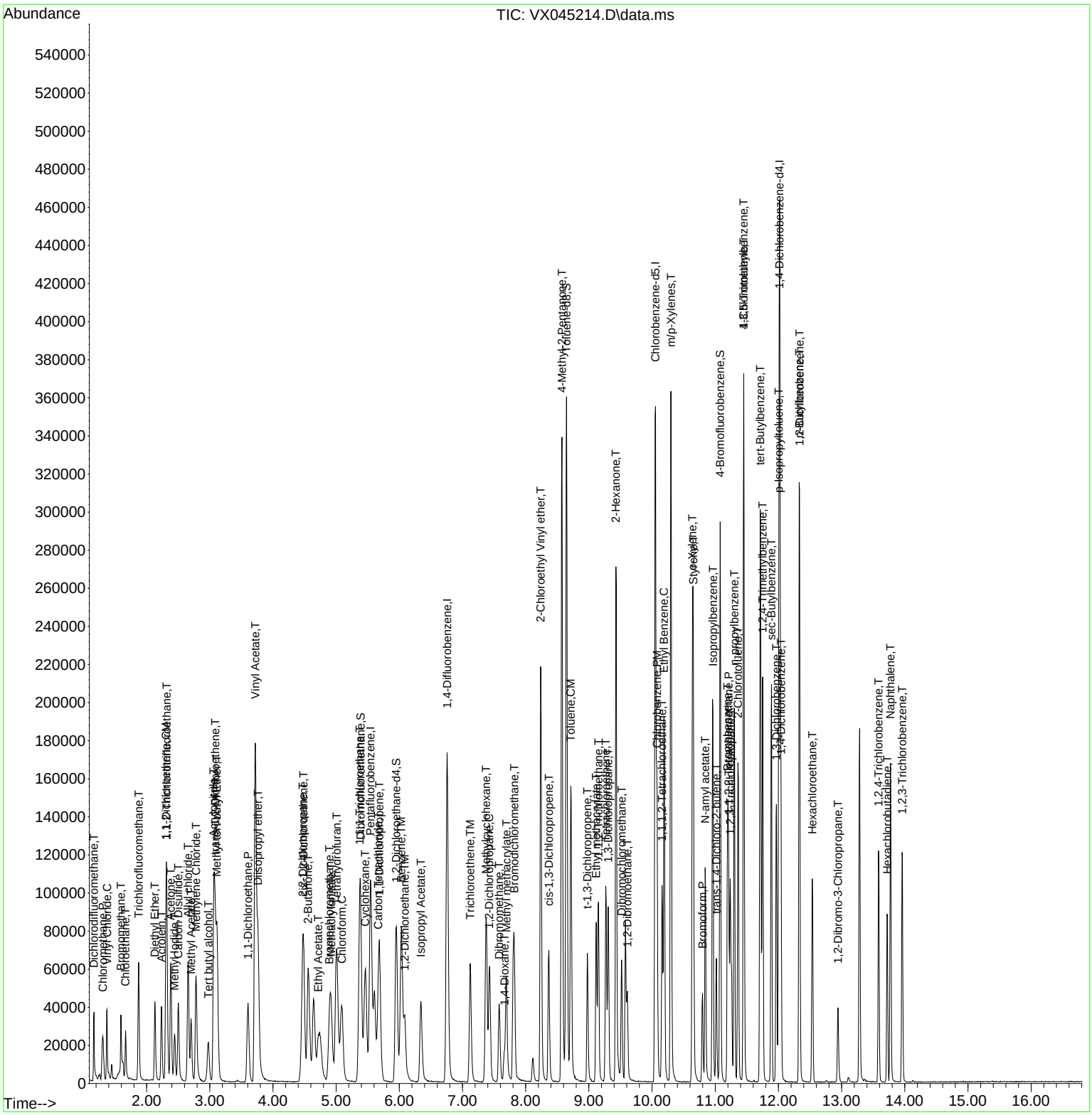
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74856	51.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	56645	50.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	204141	50.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	72695	54.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22434	19.355	ug/l	93
3) Chloromethane	1.307	50	25404	17.909	ug/l	98
4) Vinyl Chloride	1.374	62	23820	16.928	ug/l	95
5) Bromomethane	1.593	94	10572	19.112	ug/l	100
6) Chloroethane	1.666	64	12761	19.661	ug/l	88
7) Trichlorofluoromethane	1.867	101	34778	18.670	ug/l	96
8) Diethyl Ether	2.130	74	12910	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	22149	20.696	ug/l	99
10) Methyl Iodide	2.440	142	25294	18.912	ug/l	96
11) Tert butyl alcohol	2.977	59	23337	84.116	ug/l	100
12) 1,1-Dichloroethene	2.306	96	20823	18.403	ug/l	98
13) Acrolein	2.233	56	25369	79.103	ug/l	99
14) Allyl chloride	2.654	41	39210	19.468	ug/l	98
15) Acrylonitrile	3.062	53	75766	101.896	ug/l	100
16) Acetone	2.386	43	65266	96.039	ug/l	98
17) Carbon Disulfide	2.501	76	49556	16.444	ug/l	99
18) Methyl Acetate	2.703	43	37547	22.967	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73152	19.270	ug/l	100
20) Methylene Chloride	2.782	84	25802	19.167	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	21427	19.168	ug/l	93
22) Diisopropyl ether	3.757	45	79872	19.499	ug/l #	81
23) Vinyl Acetate	3.721	43	341251	99.830	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43990	19.162	ug/l	97
25) 2-Butanone	4.556	43	105263	102.904	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29182	27.101	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26511	19.212	ug/l	96
28) Bromochloromethane	4.897	49	21801	19.924	ug/l	98
29) Tetrahydrofuran	5.007	42	67355	98.050	ug/l	99
30) Chloroform	5.086	83	44426	19.477	ug/l	98
31) Cyclohexane	5.458	56	37985	19.062	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35413	19.223	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28849	18.925	ug/l	99
37) Ethyl Acetate	4.714	43	36207	18.433	ug/l	98
38) Carbon Tetrachloride	5.672	117	29989	19.378	ug/l	94
39) Methylcyclohexane	7.373	83	36647	20.064	ug/l	97
40) Benzene	6.031	78	92458	19.208	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	21766	20.493	ug/l		98
42) 1,2-Dichloroethane	6.086	62	34432	19.864	ug/l		100
43) Isopropyl Acetate	6.342	43	57873	19.925	ug/l		100
44) Trichloroethene	7.123	130	21499	19.021	ug/l		100
45) 1,2-Dichloropropane	7.427	63	23603	19.071	ug/l		93
46) Dibromomethane	7.580	93	17341	19.824	ug/l		99
47) Bromodichloromethane	7.818	83	33921	19.769	ug/l		99
48) Methyl methacrylate	7.696	41	29960	20.560	ug/l		98
49) 1,4-Dioxane	7.665	88	11450	372.504	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	212449	108.934	ug/l		99
52) Toluene	8.714	92	56008	19.831	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	28894	20.143	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	33564	20.066	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	23281	20.024	ug/l		99
56) Ethyl methacrylate	9.116	69	37256	21.080	ug/l		98
57) 1,3-Dichloropropane	9.305	76	41547	20.649	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	84737	98.289	ug/l		99
59) 2-Hexanone	9.427	43	154662	109.453	ug/l		99
60) Dibromochloromethane	9.518	129	24209	19.914	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23982	20.662	ug/l		98
64) Tetrachloroethene	9.269	164	18450	19.341	ug/l		94
65) Chlorobenzene	10.079	112	61875	19.633	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19978	19.035	ug/l		97
67) Ethyl Benzene	10.189	91	108234	19.710	ug/l		98
68) m/p-Xylenes	10.299	106	80292	39.941	ug/l		97
69) o-Xylene	10.640	106	40924	20.185	ug/l		98
70) Styrene	10.652	104	67151	20.469	ug/l		99
71) Bromoform	10.799	173	16098	20.340	ug/l	#	99
73) Isopropylbenzene	10.957	105	104215	19.390	ug/l		99
74) N-amyl acetate	10.841	43	49701	19.707	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38763	19.653	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	30828m	19.234	ug/l		
77) Bromobenzene	11.195	156	24637	19.428	ug/l		97
78) n-propylbenzene	11.305	91	121031	19.934	ug/l		99
79) 2-Chlorotoluene	11.360	91	74800	19.344	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	87336	20.096	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8951	19.112	ug/l		92
82) 4-Chlorotoluene	11.451	91	84411	20.030	ug/l		100
83) tert-Butylbenzene	11.713	119	86368	19.342	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.023	ug/l		100
85) sec-Butylbenzene	11.890	105	109529	20.477	ug/l		99
86) p-Isopropyltoluene	12.006	119	88543	20.483	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	44375	19.615	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	43983	19.217	ug/l		98
89) n-Butylbenzene	12.329	91	76829	20.636	ug/l		99
90) Hexachloroethane	12.536	117	14287	18.273	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	44841	19.759	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7436	19.352	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	25138	19.453	ug/l		97
94) Hexachlorobutadiene	13.725	225	10532	19.880	ug/l		98
95) Naphthalene	13.774	128	95200	19.175	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	26292	19.287	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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

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

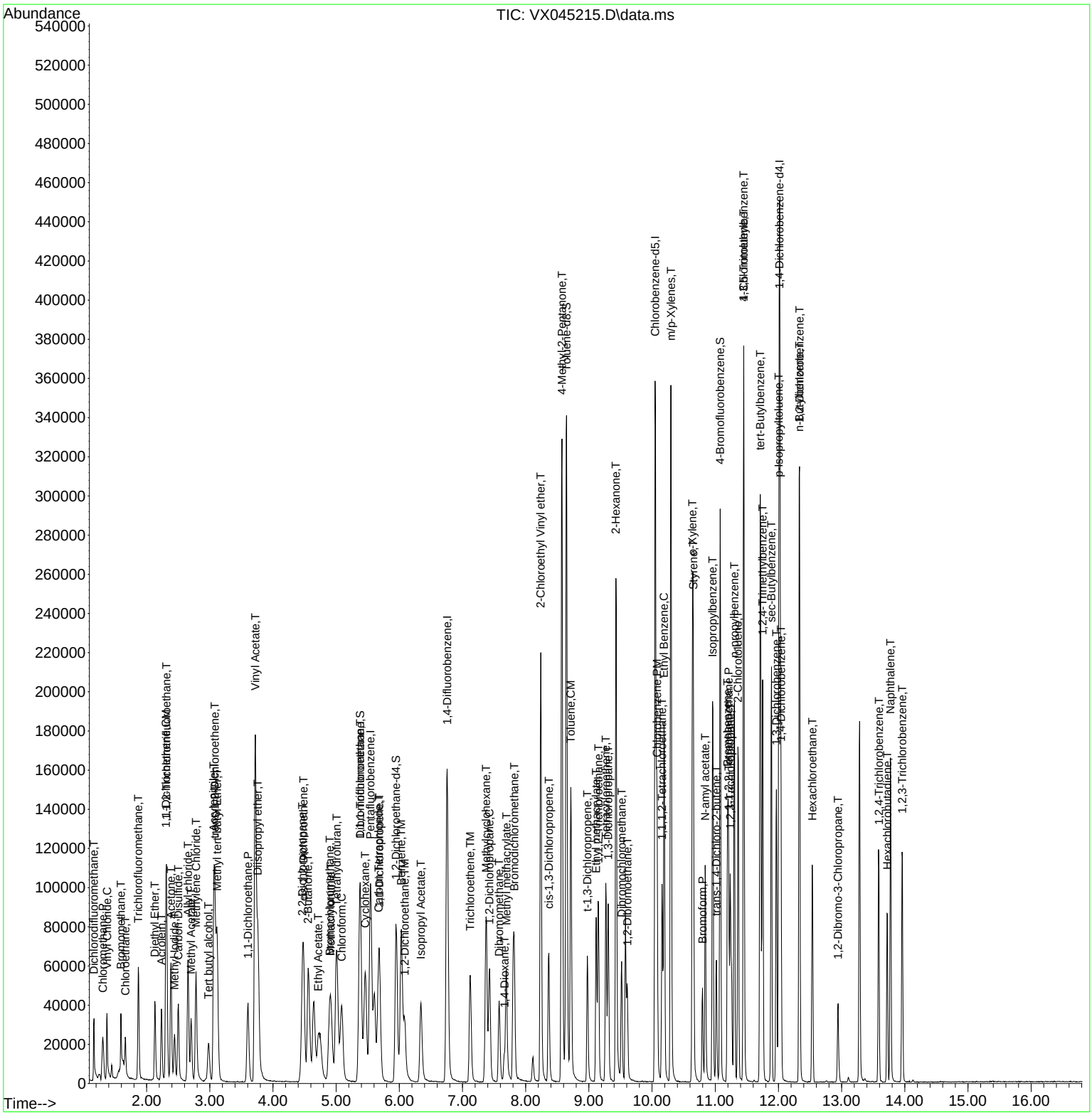
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045068.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	1,4-Dichlorobenzene	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Carbon Tetrachloride	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Chloroethane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Ethyl Acetate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methacrylonitrile	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methyl methacrylate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	Tert butyl alcohol	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC020	VX045070.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:21 AM	MMDadoda	2/28/2025 11:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX045071.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:25 AM	MMDadoda	2/28/2025 11:09:35 AM	Peak Integrated by Software
VSTDICC100	VX045072.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:30 AM	MMDadoda	2/28/2025 11:09:37 AM	Peak Integrated by Software
VSTDICC150	VX045073.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:33 AM	MMDadoda	2/28/2025 11:09:42 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX045075.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:38 AM	MMDadoda	2/28/2025 11:09:44 AM	Peak Integrated by Software
VSTDCCC050	VX045077.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045077.D	Tert butyl alcohol	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045098.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:59 AM	MMDadoda	3/3/2025 1:49:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX031125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045211.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:29 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBS01	VX045214.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:33 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBSD01	VX045215.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:37 AM	MMDadoda	3/12/2025 3:17:18 PM	Peak Integrated by Software
Q1525-01	VX045235.D	n-Butylbenzene	JOHN	3/12/2025 9:52:55 AM	MMDadoda	3/12/2025 3:17:19 PM	Peak Integrated by Software
VSTDCCC050	VX045236.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:53:00 AM	MMDadoda	3/12/2025 3:17:20 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045067.D	28 Feb 2025 01:03	JC/MD	Ok
2	VSTDICC001	VX045068.D	28 Feb 2025 01:27	JC/MD	Ok,M
3	VSTDICC005	VX045069.D	28 Feb 2025 02:13	JC/MD	Ok,M
4	VSTDICC020	VX045070.D	28 Feb 2025 02:37	JC/MD	Ok,M
5	VSTDICCC050	VX045071.D	28 Feb 2025 03:00	JC/MD	Ok,M
6	VSTDICC100	VX045072.D	28 Feb 2025 03:23	JC/MD	Ok,M
7	VSTDICC150	VX045073.D	28 Feb 2025 03:47	JC/MD	Ok,M
8	IBLK	VX045074.D	28 Feb 2025 04:10	JC/MD	Ok
9	VSTDICV050	VX045075.D	28 Feb 2025 04:33	JC/MD	Ok,M
10	BFB	VX045076.D	28 Feb 2025 10:03	JC/MD	Ok
11	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	JC/MD	Ok,M
12	VX0228MBL01	VX045078.D	28 Feb 2025 11:00	JC/MD	Ok
13	VX0228WBL01	VX045079.D	28 Feb 2025 11:23	JC/MD	Ok
14	VX0228WBS01	VX045080.D	28 Feb 2025 11:46	JC/MD	Ok,M
15	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13	JC/MD	Ok,M
16	Q1401-03	VX045082.D	28 Feb 2025 12:37	JC/MD	Ok
17	Q1401-06	VX045083.D	28 Feb 2025 13:00	JC/MD	Ok
18	Q1423-01	VX045084.D	28 Feb 2025 13:23	JC/MD	Ok
19	Q1423-03	VX045085.D	28 Feb 2025 13:47	JC/MD	Ok
20	Q1403-01	VX045086.D	28 Feb 2025 14:10	JC/MD	Ok
21	Q1403-02	VX045087.D	28 Feb 2025 14:33	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1435-01	VX045088.D	28 Feb 2025 14:57	JC/MD	Ok
23	Q1403-04	VX045089.D	28 Feb 2025 15:20	JC/MD	Ok
24	Q1462-02	VX045090.D	28 Feb 2025 15:44	JC/MD	Ok
25	Q1469-01	VX045091.D	28 Feb 2025 16:07	JC/MD	Ok
26	Q1469-02	VX045092.D	28 Feb 2025 16:31	JC/MD	Ok
27	Q1469-03	VX045093.D	28 Feb 2025 16:54	JC/MD	Ok
28	Q1469-04	VX045094.D	28 Feb 2025 17:17	JC/MD	Ok
29	Q1403-03	VX045095.D	28 Feb 2025 17:41	JC/MD	Ok
30	Q1462-01	VX045096.D	28 Feb 2025 18:04	JC/MD	Ok,M
31	IBLK	VX045097.D	28 Feb 2025 18:27	JC/MD	Ok
32	VSTDCCC050	VX045098.D	28 Feb 2025 18:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045210.D	11 Mar 2025 09:30	JC/MD	Ok
2	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	JC/MD	Ok,M
3	VX0311MBL01	VX045212.D	11 Mar 2025 10:27	JC/MD	Ok
4	VX0311WBL01	VX045213.D	11 Mar 2025 10:51	JC/MD	Ok
5	VX0311WBS01	VX045214.D	11 Mar 2025 11:14	JC/MD	Ok,M
6	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40	JC/MD	Ok,M
7	Q1502-01	VX045216.D	11 Mar 2025 12:03	JC/MD	Ok
8	IBLK	VX045217.D	11 Mar 2025 12:27	JC/MD	Ok
9	Q1500-07DL	VX045218.D	11 Mar 2025 12:50	JC/MD	Ok
10	Q1531-16DL	VX045219.D	11 Mar 2025 13:13	JC/MD	Ok
11	Q1500-04DL	VX045220.D	11 Mar 2025 13:36	JC/MD	Ok
12	Q1531-03DL	VX045221.D	11 Mar 2025 14:00	JC/MD	Ok
13	Q1531-05DL	VX045222.D	11 Mar 2025 14:23	JC/MD	Ok
14	Q1531-11DL	VX045223.D	11 Mar 2025 14:46	JC/MD	Ok
15	Q1531-17DL	VX045224.D	11 Mar 2025 15:09	JC/MD	Ok
16	Q1531-07DL	VX045225.D	11 Mar 2025 15:33	JC/MD	Ok
17	Q1531-18	VX045226.D	11 Mar 2025 15:56	JC/MD	Ok
18	Q1531-21	VX045227.D	11 Mar 2025 16:19	JC/MD	Ok
19	Q1531-02	VX045228.D	11 Mar 2025 16:43	JC/MD	Ok
20	Q1541-01	VX045229.D	11 Mar 2025 17:06	JC/MD	Ok
21	Q1531-19	VX045230.D	11 Mar 2025 17:29	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1531-20	VX045231.D	11 Mar 2025 17:52	JC/MD	ReRun
23	Q1531-12	VX045232.D	11 Mar 2025 18:16	JC/MD	Dilution
24	Q1531-15	VX045233.D	11 Mar 2025 18:39	JC/MD	Dilution
25	Q1531-06	VX045234.D	11 Mar 2025 19:02	JC/MD	Not Ok
26	Q1525-01	VX045235.D	11 Mar 2025 19:25	JC/MD	Ok,M
27	VSTDCCC050	VX045236.D	11 Mar 2025 19:49	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045067.D	28 Feb 2025 01:03		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045068.D	28 Feb 2025 01:27		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045069.D	28 Feb 2025 02:13		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045070.D	28 Feb 2025 02:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045071.D	28 Feb 2025 03:00		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045072.D	28 Feb 2025 03:23		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045073.D	28 Feb 2025 03:47		JC/MD	Ok,M
8	IBLK	IBLK	VX045074.D	28 Feb 2025 04:10		JC/MD	Ok
9	VSTDICV050	ICVVX022825	VX045075.D	28 Feb 2025 04:33		JC/MD	Ok,M
10	BFB	BFB	VX045076.D	28 Feb 2025 10:03		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	V12668	JC/MD	Ok,M
12	VX0228MBL01	VX0228MBL01	VX045078.D	28 Feb 2025 11:00		JC/MD	Ok
13	VX0228WBL01	VX0228WBL01	VX045079.D	28 Feb 2025 11:23		JC/MD	Ok
14	VX0228WBS01	VX0228WBS01	VX045080.D	28 Feb 2025 11:46		JC/MD	Ok,M
15	VX0228WBSD01	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13		JC/MD	Ok,M
16	Q1401-03	BP-VPB-192-GW-840-8	VX045082.D	28 Feb 2025 12:37	vial B pH<2	JC/MD	Ok
17	Q1401-06	BP-VPB-192-GW-900-9	VX045083.D	28 Feb 2025 13:00	vial B pH<2	JC/MD	Ok
18	Q1423-01	BP-VPB-192-TB-20250	VX045084.D	28 Feb 2025 13:23	vial B pH<2 TB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1423-03	BP-VPB-192-EB-20250	VX045085.D	28 Feb 2025 13:47	vial B pH<2 EB	JC/MD	Ok
20	Q1403-01	Storage-Blank-SOIL-RE	VX045086.D	28 Feb 2025 14:10	vial B pH<2	JC/MD	Ok
21	Q1403-02	Storage-Blank-WATER-	VX045087.D	28 Feb 2025 14:33	vial B pH<2	JC/MD	Ok
22	Q1435-01	286107	VX045088.D	28 Feb 2025 14:57	vial A pH<2	JC/MD	Ok
23	Q1403-04	Storage-Blank-SAMPLE	VX045089.D	28 Feb 2025 15:20	vial B pH<2	JC/MD	Ok
24	Q1462-02	FB	VX045090.D	28 Feb 2025 15:44	vial A pH<2 FB	JC/MD	Ok
25	Q1469-01	Storage-Blank-SOIL-RE	VX045091.D	28 Feb 2025 16:07	vial A pH<2	JC/MD	Ok
26	Q1469-02	Storage-Blank-WATER-	VX045092.D	28 Feb 2025 16:31	vial A pH<2	JC/MD	Ok
27	Q1469-03	Storage-Blank-WATER-	VX045093.D	28 Feb 2025 16:54	vial A pH<2	JC/MD	Ok
28	Q1469-04	Storage-Blank-SAMPLE	VX045094.D	28 Feb 2025 17:17	vial A pH<2	JC/MD	Ok
29	Q1403-03	Storage-Blank-WATER-	VX045095.D	28 Feb 2025 17:41	vial B pH<2	JC/MD	Ok
30	Q1462-01	MW2	VX045096.D	28 Feb 2025 18:04	vial A pH<2	JC/MD	Ok,M
31	IBLK	IBLK	VX045097.D	28 Feb 2025 18:27		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050EC	VX045098.D	28 Feb 2025 18:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
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	VX045210.D	11 Mar 2025 09:30		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	CCAL failed low for comp. #11	JC/MD	Ok,M
3	VX0311MBL01	VX0311MBL01	VX045212.D	11 Mar 2025 10:27		JC/MD	Ok
4	VX0311WBL01	VX0311WBL01	VX045213.D	11 Mar 2025 10:51		JC/MD	Ok
5	VX0311WBS01	VX0311WBS01	VX045214.D	11 Mar 2025 11:14		JC/MD	Ok,M
6	VX0311WBSD01	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40		JC/MD	Ok,M
7	Q1502-01	PT-VOA-WP	VX045216.D	11 Mar 2025 12:03	PT-VOA-WP (8260)	JC/MD	Ok
8	IBLK	IBLK	VX045217.D	11 Mar 2025 12:27		JC/MD	Ok
9	Q1500-07DL	MW179D-20250305DL	VX045218.D	11 Mar 2025 12:50	vial B pH<2	JC/MD	Ok
10	Q1531-16DL	RE125D1-20250307DL	VX045219.D	11 Mar 2025 13:13	vial B pH<2	JC/MD	Ok
11	Q1500-04DL	MW178I1-20250305DL	VX045220.D	11 Mar 2025 13:36	vial B pH<2	JC/MD	Ok
12	Q1531-03DL	RE122D1-20250305DL	VX045221.D	11 Mar 2025 14:00	vial B pH<2	JC/MD	Ok
13	Q1531-05DL	RE126D2-20250306DL	VX045222.D	11 Mar 2025 14:23	vial B pH<2	JC/MD	Ok
14	Q1531-11DL	RE103D2-20250306DL	VX045223.D	11 Mar 2025 14:46	vial B pH<2	JC/MD	Ok
15	Q1531-17DL	RE125D2-20250307DL	VX045224.D	11 Mar 2025 15:09	vial B pH<2	JC/MD	Ok
16	Q1531-07DL	RE103D1-20250306DL	VX045225.D	11 Mar 2025 15:33	vial B pH<2	JC/MD	Ok
17	Q1531-18	FB01	VX045226.D	11 Mar 2025 15:56	vial A pH<2 FB	JC/MD	Ok
18	Q1531-21	TB	VX045227.D	11 Mar 2025 16:19	vial A pH<2 TB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1531-02	RE122D3-20250305	VX045228.D	11 Mar 2025 16:43	vial B pH<2	JC/MD	Ok
20	Q1541-01	205703	VX045229.D	11 Mar 2025 17:06	vial A pH<2	JC/MD	Ok
21	Q1531-19	RE104D2-20250307	VX045230.D	11 Mar 2025 17:29	vial A pH<2 Need 10X	JC/MD	Dilution
22	Q1531-20	RE104D3-20250307	VX045231.D	11 Mar 2025 17:52	vial A pH<2 E flage in previous sample	JC/MD	ReRun
23	Q1531-12	RE108D2-20250306	VX045232.D	11 Mar 2025 18:16	vial A pH<2 Need 40X	JC/MD	Dilution
24	Q1531-15	RE105D2-20250306	VX045233.D	11 Mar 2025 18:39	vial A pH<2 Need 40X	JC/MD	Dilution
25	Q1531-06	DUP01-20250306	VX045234.D	11 Mar 2025 19:02	run straight	JC/MD	Not Ok
26	Q1525-01	MW10	VX045235.D	11 Mar 2025 19:25	vial B pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX045236.D	11 Mar 2025 19:49		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1525	**OrderDate:**	3/7/2025 11:17:00 AM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1525-01	**MW10**	**Water**			**03/06/25**			**03/07/25**
			VOCMS Group1	8260-Low			03/11/25	