284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	Q2134	**OrderDate:**	5/28/2025 11:45:10 AM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2134-01	**MW10**	**Water**			**05/27/25**			**05/28/25**
			VOCMS Group2	8260-Low			05/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2134

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW10**								
Q2134-01	MW10	Water	Cyclohexane		40.8		1.50	5.00	ug/L
Q2134-01	MW10	Water	Methylcyclohexane		45.8		0.16	1.00	ug/L
Q2134-01	MW10	Water	Benzene		2.50		0.15	1.00	ug/L
Q2134-01	MW10	Water	Toluene		1.40		0.14	1.00	ug/L
Q2134-01	MW10	Water	Chlorobenzene		3.10		0.12	1.00	ug/L
Q2134-01	MW10	Water	Ethyl Benzene		110		0.13	1.00	ug/L
Q2134-01	MW10	Water	m/p-Xylenes		63.4		0.24	2.00	ug/L
Q2134-01	MW10	Water	o-Xylene		6.40		0.12	1.00	ug/L
Q2134-01	MW10	Water	Isopropylbenzene		49.3		0.12	1.00	ug/L
			Total Voc :		323				
Q2134-01	MW10	Water	Pentane, 3-methyl-	*	130	J	0	0	ug/L
Q2134-01	MW10	Water	Cyclopentane, methyl-	*	93.8	J	0	0	ug/L
Q2134-01	MW10	Water	Pentane, 2-methyl-	*	140	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1,2,3-trimethyl-	*	72.0	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1,2,3,5-tetramethyl-	*	76.9	J	0	0	ug/L
Q2134-01	MW10	Water	Pentane, 2,3-dimethyl-	*	110	J	0	0	ug/L
Q2134-01	MW10	Water	Butane, 2,2,3,3-tetramethyl-	*	130	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1-ethyl-2-methyl-	*	80.3	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1-ethyl-4-methyl-	*	130	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1-ethenyl-4-methyl-	*	200	J	0	0	ug/L
Q2134-01	MW10	Water	1H-Indene, 2,3-dihydro-4-meth	*	84.7	J	0	0	ug/L
Q2134-01	MW10	Water	1-Phenyl-1-butene	*	190	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	110	J	0	0	ug/L
Q2134-01	MW10	Water	Benzene, 1-ethenyl-3-ethyl-	*	150	J	0	0	ug/L
Q2134-01	MW10	Water	2-Hexene, 3-methyl-, (Z)-	*	71.6	J	0	0	ug/L
Q2134-01	MW10	Water	n-propylbenzene	*	91.1	J	0.13	1.00	ug/L
Q2134-01	MW10	Water	1,3,5-Trimethylbenzene	*	8.70	J	0.15	1.00	ug/L
Q2134-01	MW10	Water	tert-Butylbenzene	*	3.60	J	0.14	1.00	ug/L
Q2134-01	MW10	Water	1,2,4-Trimethylbenzene	*	170	J	0.14	1.00	ug/L
Q2134-01	MW10	Water	sec-Butylbenzene	*	11.0	J	0.13	1.00	ug/L
Q2134-01	MW10	Water	p-Isopropyltoluene	*	2.90	J	0.13	1.00	ug/L
Q2134-01	MW10	Water	n-Butylbenzene	*	11.9	J	0.15	1.00	ug/L
			Total Tics :		2070				
			Total Concentration:		2390				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2134

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2134-01	MW10	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.0	108	70 (77)	130 (121)
VX0529WBL01	VX0529WBL01	1,2-Dichloroethane-d4	50	54.8	110	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.2	102	70 (77)	130 (121)
VX0529WBS01	VX0529WBS01	1,2-Dichloroethane-d4	50	52.6	105	70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.7	103	70 (77)	130 (121)
VX0529WBSD0	VX0529WBSD01	1,2-Dichloroethane-d4	50	53.7	107	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046393.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0529WBS01	Dichlorodifluoromethane	20	18.3	ug/L	92			40 (69)	160 (116)	
	Chloromethane	20	17.8	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	17.9	ug/L	90			70 (65)	130 (117)	
	Bromomethane	20	18.3	ug/L	92			40 (58)	160 (125)	
	Chloroethane	20	19.1	ug/L	96			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.5	ug/L	98			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.7	ug/L	94			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	14.6	ug/L	73			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			70 (78)	130 (114)	
	Methyl Acetate	20	26.2	ug/L	131		*	70 (67)	130 (125)	
	Methylene Chloride	20	18.8	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.9	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	18.2	ug/L	91			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.7	ug/L	99			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			70 (77)	130 (110)	
	Bromochloromethane	20	22.5	ug/L	113			70 (70)	130 (124)	
	Chloroform	20	21.3	ug/L	106			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.7	ug/L	104			70 (80)	130 (108)	
	Methylcyclohexane	20	17.2	ug/L	86			70 (72)	130 (115)	
	Benzene	20	20.1	ug/L	101			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.9	ug/L	104			70 (80)	130 (115)	
	Trichloroethene	20	19.5	ug/L	98			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.2	ug/L	106			70 (83)	130 (111)	
	Bromodichloromethane	20	20.7	ug/L	104			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	19.9	ug/L	100			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.9	ug/L	95			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.8	ug/L	99			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.3	ug/L	106			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.9	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	18.8	ug/L	94			70 (67)	130 (123)	
	Chlorobenzene	20	20.1	ug/L	101			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	39.7	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.5	ug/L	103			70 (83)	130 (109)	
	Styrene	20	21.2	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	19.8	ug/L	99			70 (79)	130 (109)	
	Isopropylbenzene	20	20.8	ug/L	104			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	21.1	ug/L	106			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.5	ug/L	103			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.1	ug/L	101			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.5	ug/L	103			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046393.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0529WBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046394.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0529WBSD01	Dichlorodifluoromethane	20	17.9	ug/L	90	2		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.7	ug/L	89	0		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	17.4	ug/L	87	3		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.1	ug/L	91	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.0	ug/L	95	1		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.6	ug/L	98	0		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	2		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.5	ug/L	93	1		70 (74)	130 (110)	20 (20)
	Acetone	100	110	ug/L	110	0		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	14.4	ug/L	72	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.0	ug/L	105	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	27.1	ug/L	136	4	*	70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.1	ug/L	96	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.5	ug/L	93	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.9	ug/L	104	0		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.4	ug/L	92	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	0		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.5	ug/L	98	1		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	20.0	ug/L	100	1		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	23.3	ug/L	117	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	21.5	ug/L	108	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.5	ug/L	103	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.7	ug/L	89	3		70 (72)	130 (115)	20 (20)
	Benzene	20	20.1	ug/L	101	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.4	ug/L	107	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.4	ug/L	97	1		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	22.3	ug/L	112	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	21.5	ug/L	108	4		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	120	ug/L	120	9		40 (74)	160 (118)	20 (20)
	Toluene	20	20.0	ug/L	100	0		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.7	ug/L	99	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	5		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	22.4	ug/L	112	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	120	ug/L	120	9		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.6	ug/L	108	6		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.7	ug/L	109	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.5	ug/L	98	4		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.1	ug/L	101	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.9	ug/L	100	1		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	40.4	ug/L	101	2		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.2	ug/L	101	2		70 (83)	130 (109)	20 (20)
	Styrene	20	21.1	ug/L	106	0		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.9	ug/L	100	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.8	ug/L	104	0		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	21.3	ug/L	106	0		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.2	ug/L	101	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.2	ug/L	101	0		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	20.9	ug/L	104	1		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2134

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046394.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0529WBSD01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101	0		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96	0		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	19.8	ug/L	99	1		70 (76)	130 (114)	20 (20)

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0529WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: VX046392.D Lab Sample ID: VX0529WBL01

Date Analyzed: 05/29/2025 Time Analyzed: 12:18

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
VX0529WBS01	VX0529WBS01	VX046393.D	05/29/2025
VX0529WBSD01	VX0529WBSD01	VX046394.D	05/29/2025
MW10	Q2134-01	VX046395.D	05/29/2025

COMMENTS:

Raw Data: **VX046038.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

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	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

Raw Data: **VX046389.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: VX046389.D BFB Injection Date: 05/29/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:21

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	23.5
75	30.0 - 60.0% of mass 95	57.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.9
175	5.0 - 9.0% of mass 174	5.2 (7.9) 1
176	95.0 - 101.0% of mass 174	63.8 (96.7) 1
177	5.0 - 9.0% of mass 176	4.4 (6.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046390.D	05/29/2025	11:27
VX0529WBL01	VX0529WBL01	VX046392.D	05/29/2025	12:18
VX0529WBS01	VX0529WBS01	VX046393.D	05/29/2025	12:41
VX0529WBSD01	VX0529WBSD01	VX046394.D	05/29/2025	13:06
MW10	Q2134-01	VX046395.D	05/29/2025	13:30

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: VX046390.D Date Analyzed: 05/29/2025

Instrument ID: MSVOA_X Time Analyzed: 11:27

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	82744	5.54	141651	6.75	125856	10.05
UPPER LIMIT	165488	6.038	283302	7.251	251712	10.549
LOWER LIMIT	41372	5.038	70825.5	6.251	62928	9.549
EPA SAMPLE NO.						
MW10	60016	5.55	114311	6.76	110287	10.05
VX0529WBL01	60328	5.54	121532	6.76	115333	10.06
VX0529WBS01	84888	5.54	151471	6.76	132494	10.05
VX0529WBSD01	81952	5.54	144475	6.76	129368	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.: Q2134 SAS No.: Q2134 SDG NO.: Q2134

Lab File ID: VX046390.D Date Analyzed: 05/29/2025

Instrument ID: MSVOA_X Time Analyzed: 11:27

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

	IS4 AREA #	RT #				
12 HOUR STD	61906	12.018				
UPPER LIMIT	123812	12.518				
LOWER LIMIT	30953	11.518				
EPA SAMPLE NO.						
MW10	46578	12.02				
VX0529WBL01	50276	12.02				
VX0529WBS01	62151	12.02				
VX0529WBSD01	61624	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.

SAMPLE DATA

Raw Data: **VX046395.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	DPW	Date Received:	05/28/25
Client Sample ID:	MW10	SDG No.:	Q2134
Lab Sample ID:	Q2134-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046395.D	1		05/29/25 13:30	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	40.8		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	45.8		0.16	1.00	ug/L
71-43-2	Benzene	2.50		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	1.40		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:	05/27/25	
Project:	DPW		Date Received:	05/28/25	
Client Sample ID:	MW10		SDG No.:	Q2134	
Lab Sample ID:	Q2134-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046395.D	1		05/29/25 13:30	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	3.10		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	110		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	63.4		0.24	2.00	ug/L
95-47-6	o-Xylene	6.40		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	49.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	60000	5.55			
540-36-3	1,4-Difluorobenzene	114000	6.757			
3114-55-4	Chlorobenzene-d5	110000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	46600	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046395.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	DPW	Date Received:	05/28/25
Client Sample ID:	MW10	SDG No.:	Q2134
Lab Sample ID:	Q2134-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046395.D	1		05/29/25 13:30	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	140	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	130	J		3.10	ug/L
000096-37-7	Cyclopentane, methyl-	93.8	J		4.30	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	110	J		5.62	ug/L
000594-82-1	Butane, 2,2,3,3-tetramethyl-	130	J		6.25	ug/L
010574-36-4	2-Hexene, 3-methyl-, (Z)-	71.6	J		6.84	ug/L
103-65-1	n-propylbenzene	91.1	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	80.3	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	8.70	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	130	J		11.6	ug/L
98-06-6	tert-Butylbenzene	3.60	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	170	J		11.8	ug/L
135-98-8	sec-Butylbenzene	11.0	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.90	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	72.0	J		12.1	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	200	J		12.2	ug/L
104-51-8	n-Butylbenzene	11.9	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	110	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	150	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	76.9	J		12.9	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	84.7	J		13.2	ug/L
000824-90-8	1-Phenyl-1-butene	190	J		13.3	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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 30 01:27:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	60016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	114311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57287	51.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.400%			
35) Dibromofluoromethane	5.385	113	42414	51.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.060%			
50) Toluene-d8	8.647	98	151272	53.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.200%			
62) 4-Bromofluorobenzene	11.079	95	59066	54.047	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.100%			
Target Compounds						Qvalue
31) Cyclohexane	5.471	56	54389	40.789	ug/l #	91
39) Methylcyclohexane	7.379	83	65204	45.793	ug/l	90
40) Benzene	6.044	78	8033	2.480	ug/l	99
52) Toluene	8.720	92	2752	1.385	ug/l	83
65) Chlorobenzene	10.079	112	7571	3.136	ug/l #	88
67) Ethyl Benzene	10.189	91	450156	105.793	ug/l	100
68) m/p-Xylenes	10.299	106	98688	63.413	ug/l	99
69) o-Xylene	10.640	106	9699	6.393	ug/l	100
73) Isopropylbenzene	10.957	105	178597	49.251	ug/l	100
78) n-propylbenzene	11.299	91	384260	91.135	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26339	8.694	ug/l	99
83) tert-Butylbenzene	11.713	119	11050	3.621	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	534070	174.084	ug/l	98
85) sec-Butylbenzene	11.890	105	41314	11.027	ug/l	92
86) p-Isopropyltoluene	12.006	119	9055	2.928	ug/l	99
89) n-Butylbenzene	12.329	91	32322m	11.915	ug/l	

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

Sample Results: **VX046395.D**

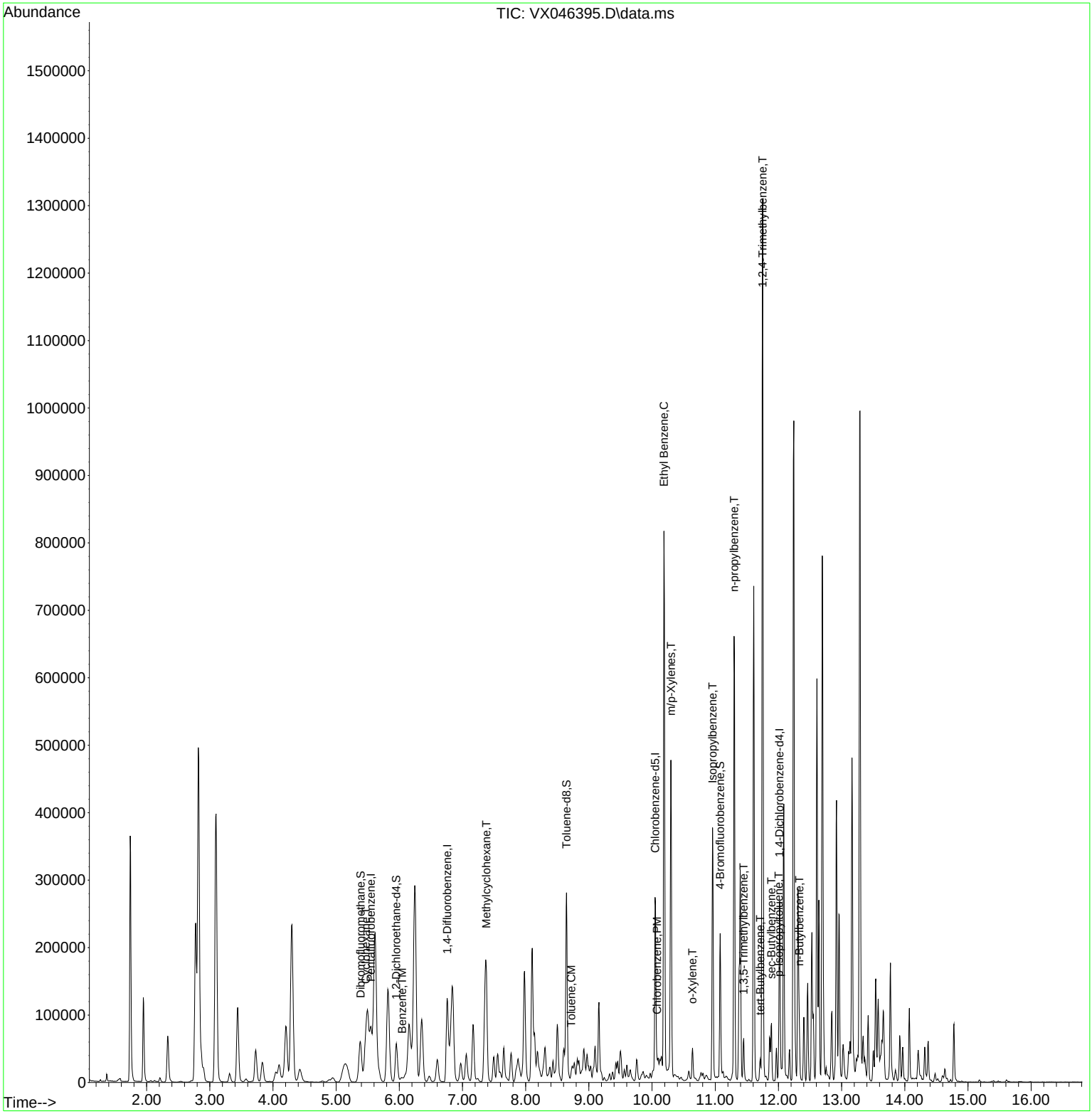
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

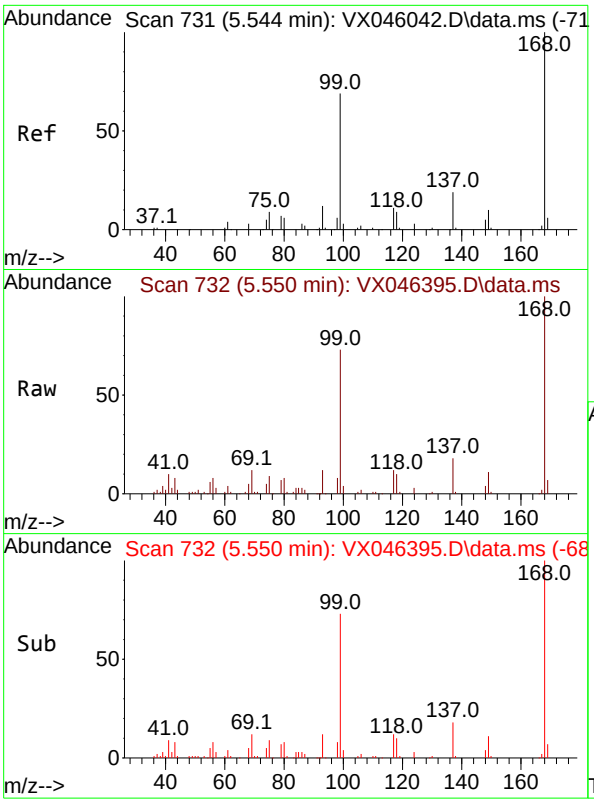
Quant Time: May 30 01:27:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

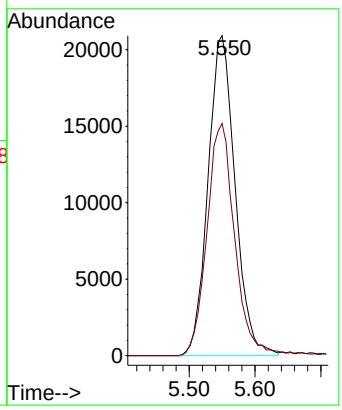




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:168 Resp: 6001

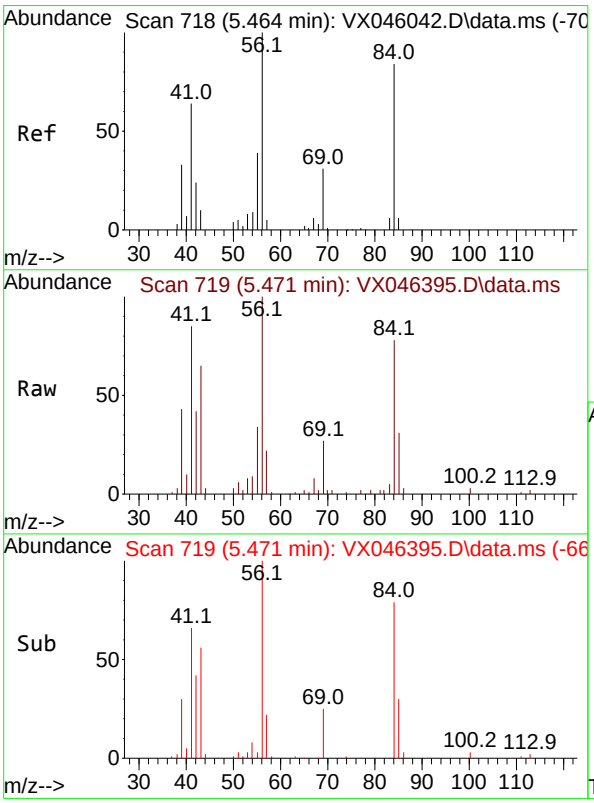
Ion	Ratio	Lower	Upper
168	100		
99	72.6	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

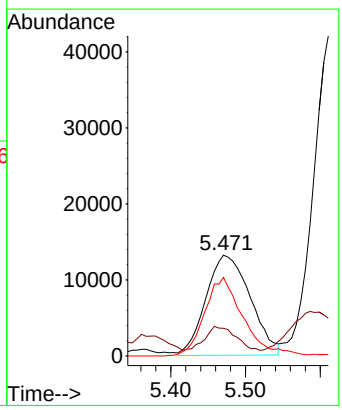
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

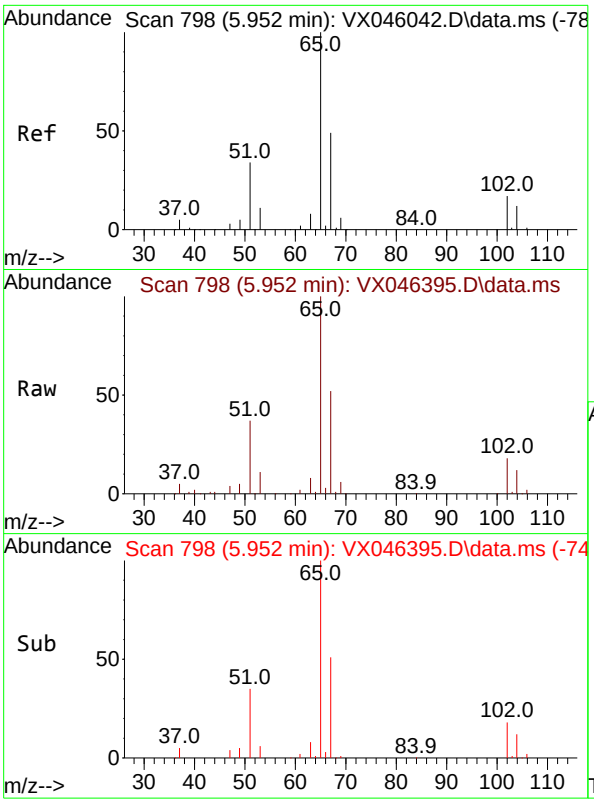


#31
Cyclohexane
Concen: 40.789 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 56 Resp: 54389

Ion	Ratio	Lower	Upper
56	100		
69	19.5	24.4	36.6#
84	78.5	66.9	100.3

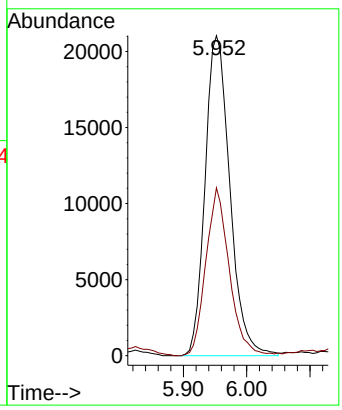




#33
1,2-Dichloroethane-d4
Concen: 51.200 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 65 Resp: 5728

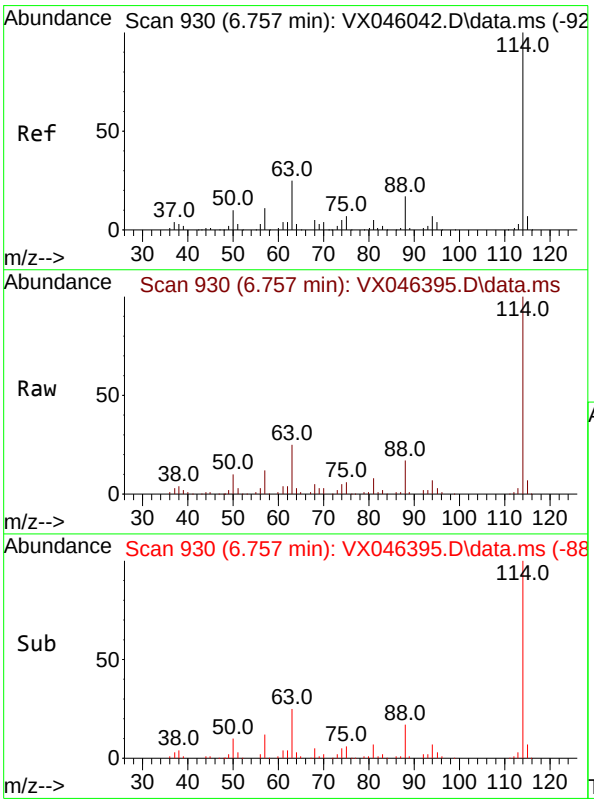
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

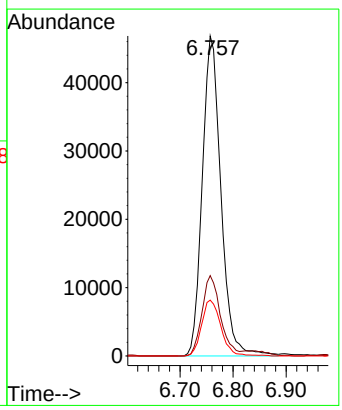
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

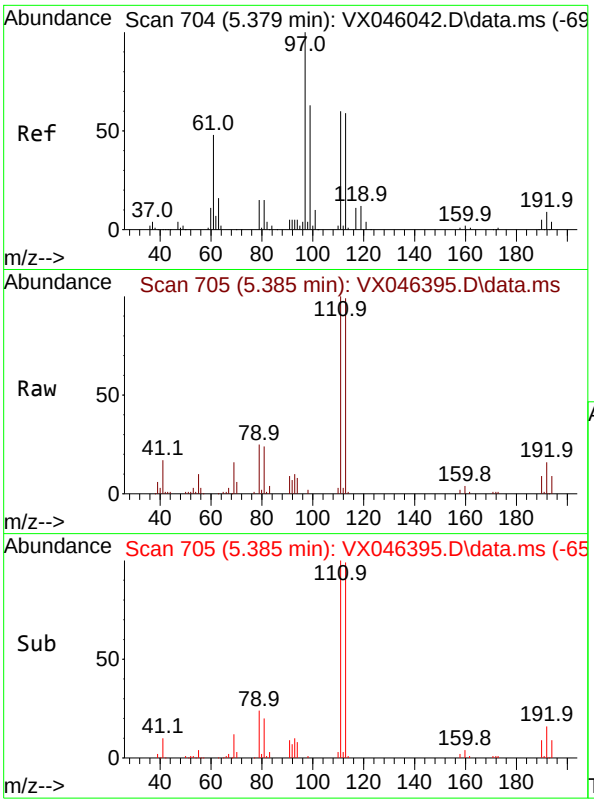


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:114 Resp: 114311

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.2
88	17.4	0.0	33.6

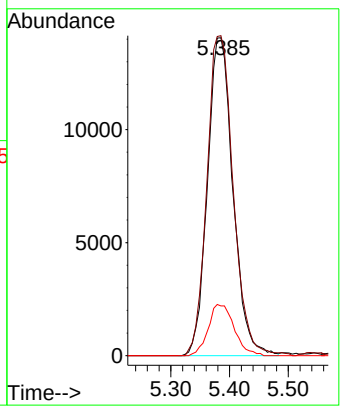




#35
Dibromofluoromethane
Concen: 51.526 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:113 Resp: 4241

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.4	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
MW10

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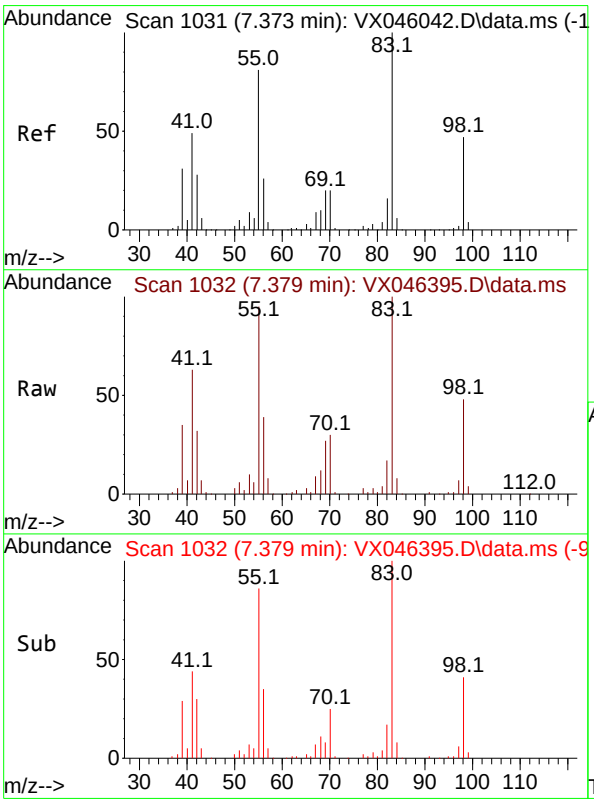
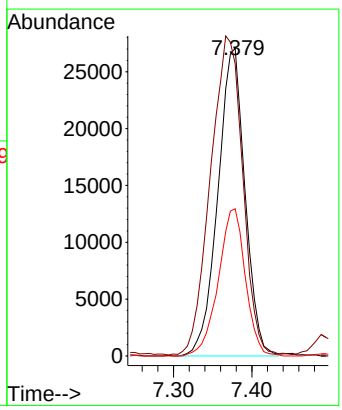
Supervised By :Mahesh Dadoda 05/30/2025

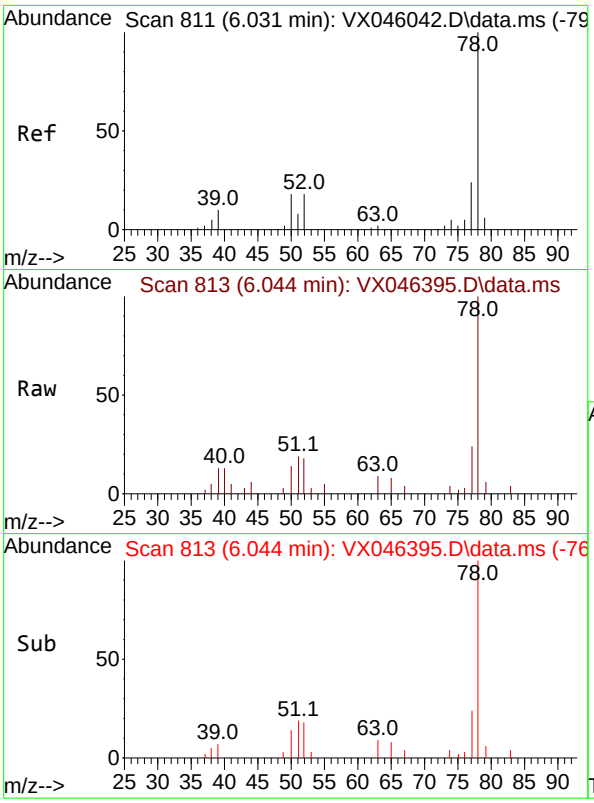


#39
Methylcyclohexane
Concen: 45.793 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 83 Resp: 65204

Ion	Ratio	Lower	Upper
83	100		
55	94.3	64.7	97.1
98	47.8	37.4	56.2

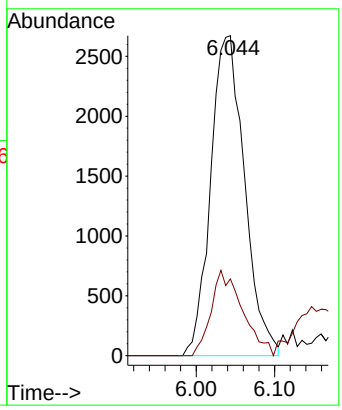




#40
Benzene
Concen: 2.480 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 78 Resp: 803

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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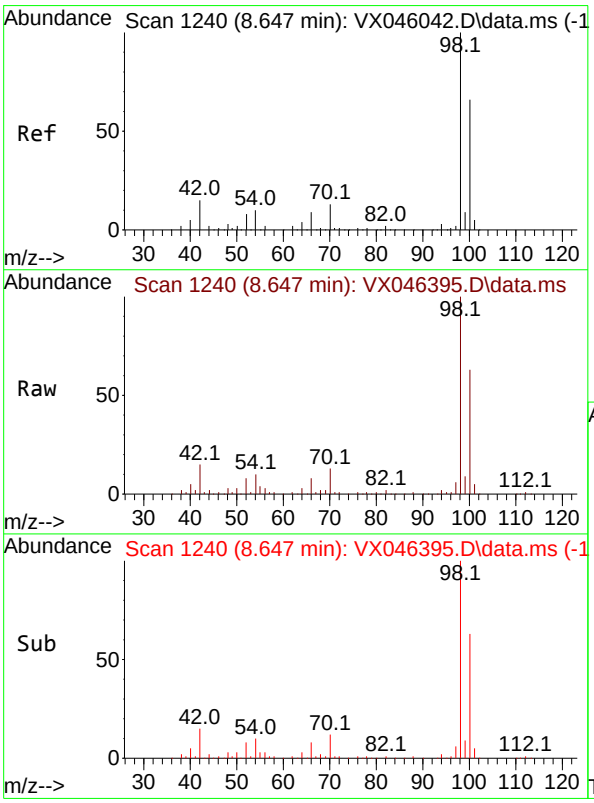
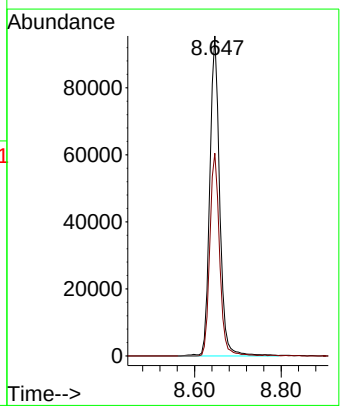
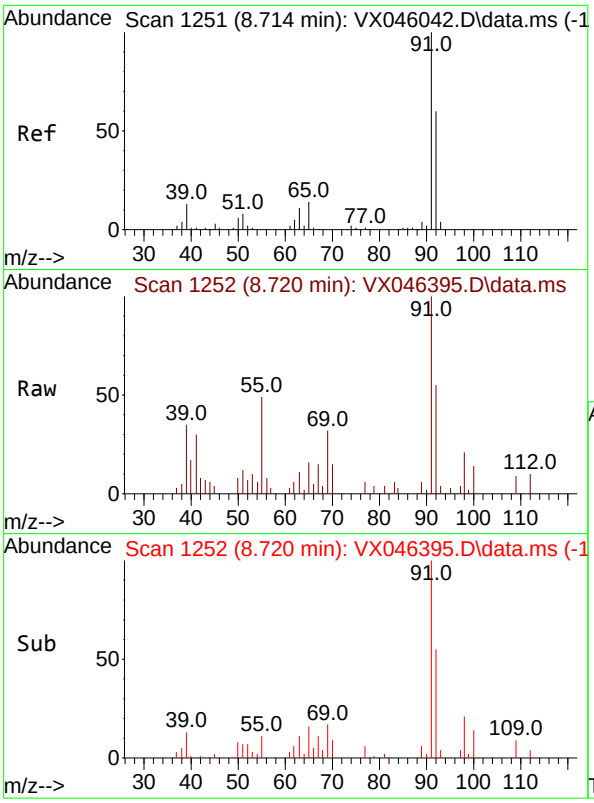


#50
Toluene-d8
Concen: 53.095 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 98 Resp: 151272

Ion	Ratio	Lower	Upper
98	100		
100	62.7	53.5	80.3





#52
Toluene
Concen: 1.385 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 92 Resp: 275

Ion	Ratio	Lower	Upper
92	100		
91	193.9	136.6	205.0

Instrument :
MSVOA_X
ClientSampleId :
MW10

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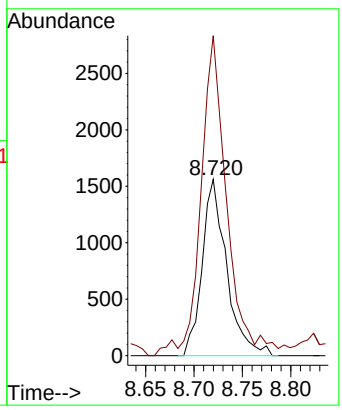
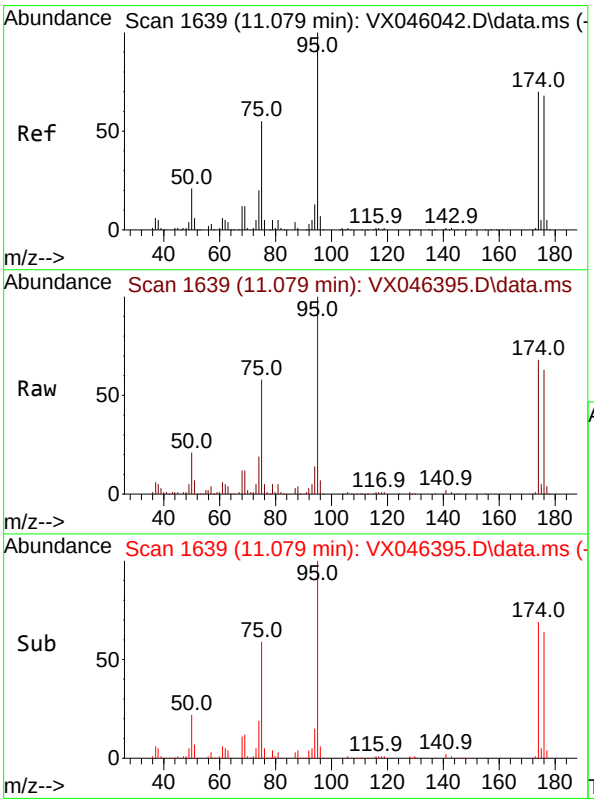
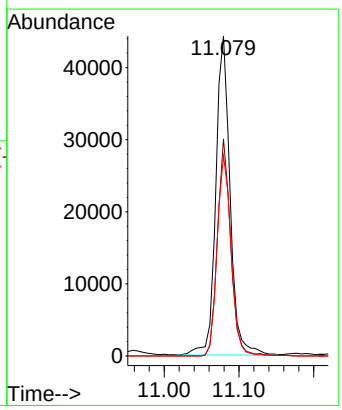


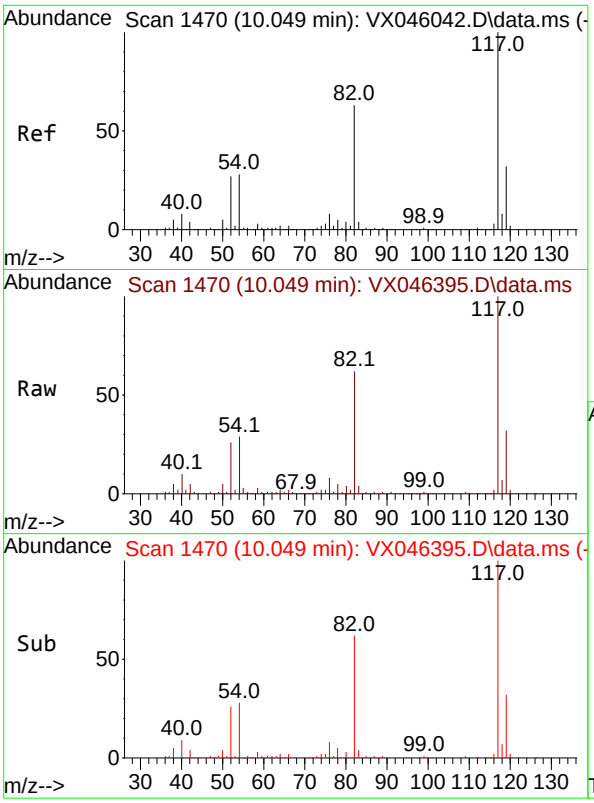


#62
4-Bromofluorobenzene
Concen: 54.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 95 Resp: 59066

Ion	Ratio	Lower	Upper
95	100		
174	63.1	0.0	135.8
176	61.3	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:117 Resp: 11028

Ion	Ratio	Lower	Upper
117	100		
82	61.9	50.6	76.0
119	32.0	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
MW10

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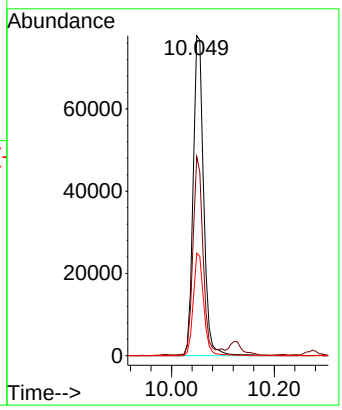
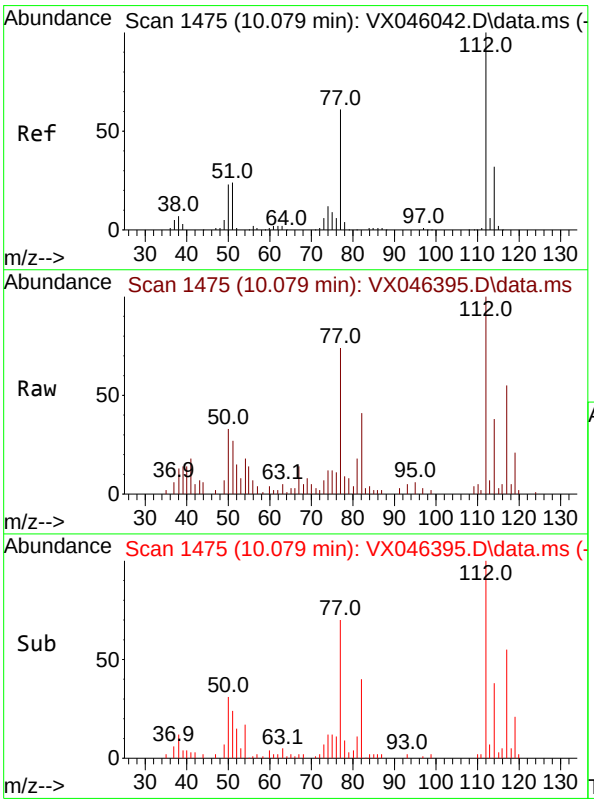
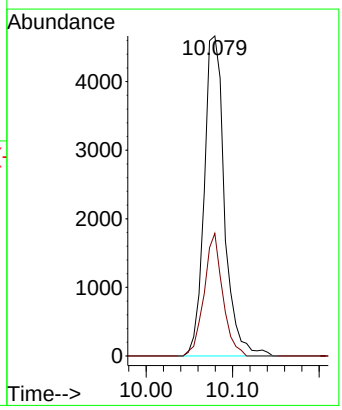


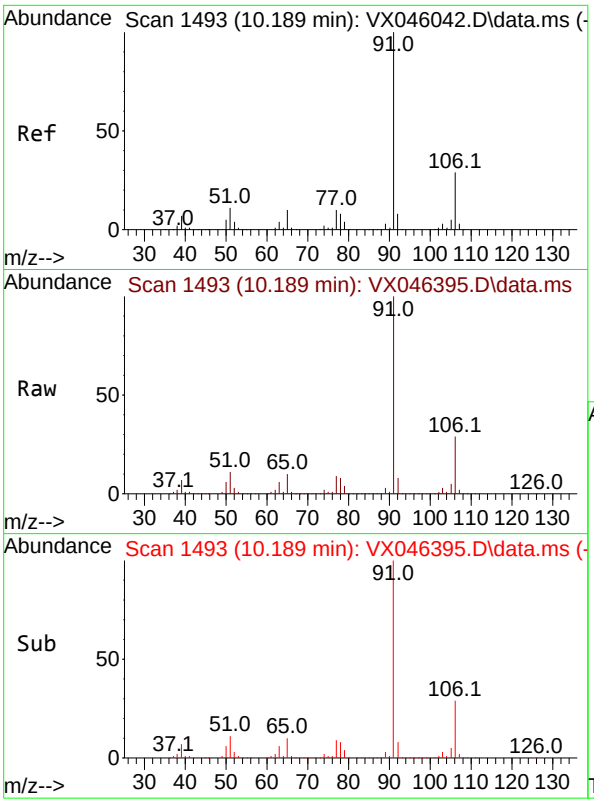


#65
Chlorobenzene
Concen: 3.136 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:112 Resp: 7571

Ion	Ratio	Lower	Upper
112	100		
114	38.3	25.4	38.2#





#67
Ethyl Benzene
Concen: 105.793 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 91 Resp: 45015

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.4	35.2

Instrument :
MSVOA_X
ClientSampleId :
MW10

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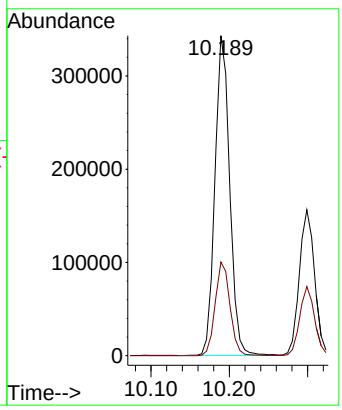
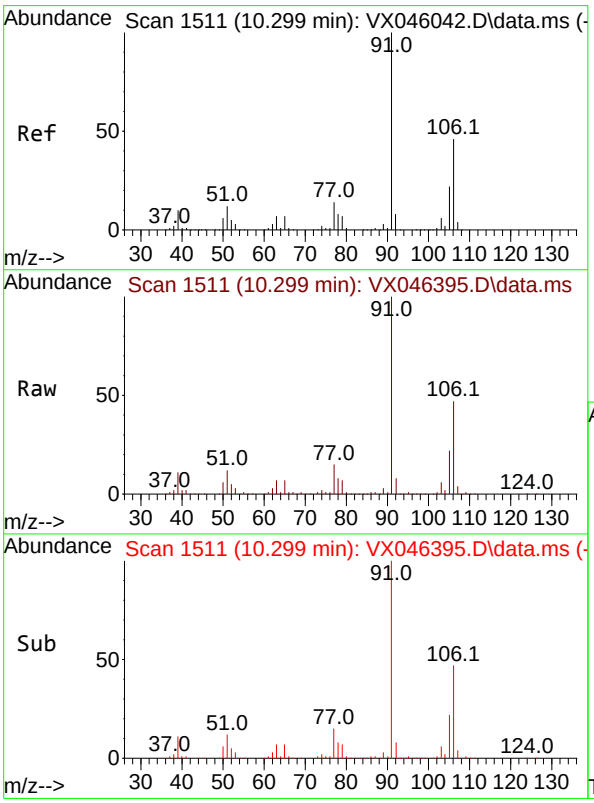
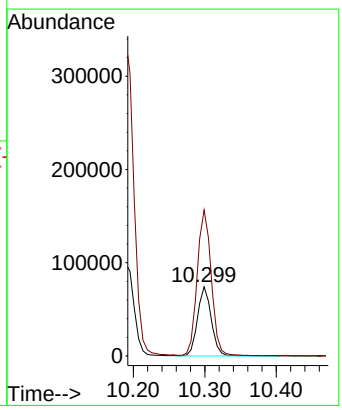


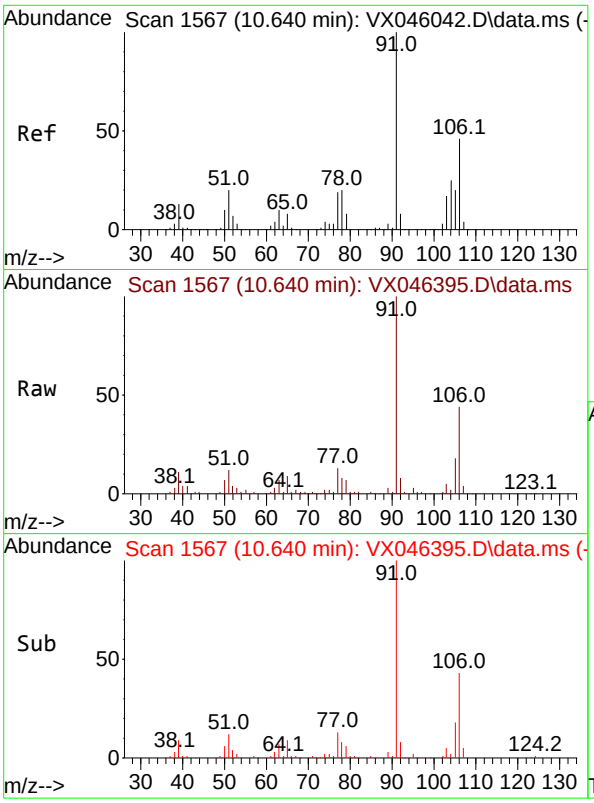


#68
m/p-Xylenes
Concen: 63.413 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:106 Resp: 98688

Ion	Ratio	Lower	Upper
106	100		
91	216.3	171.2	256.8





#69
o-Xylene
Concen: 6.393 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:106 Resp: 969

Ion	Ratio	Lower	Upper
106	100		
91	225.4	112.7	338.1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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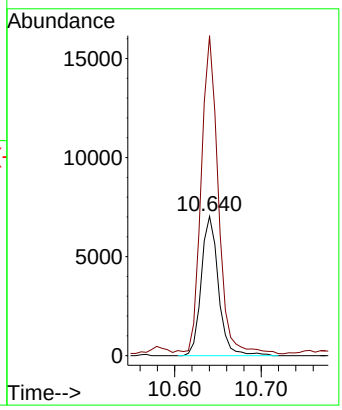
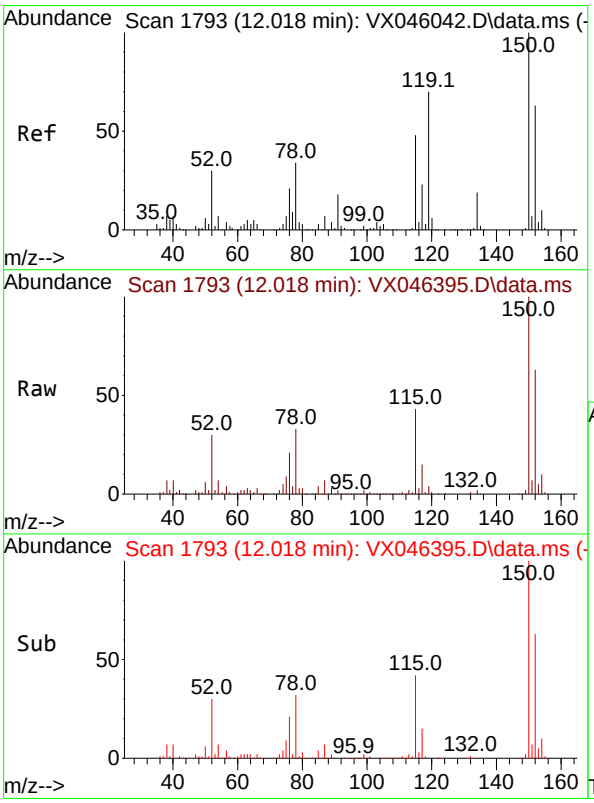
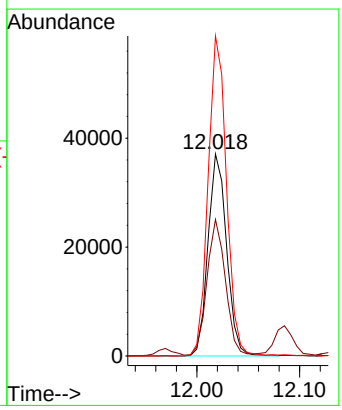


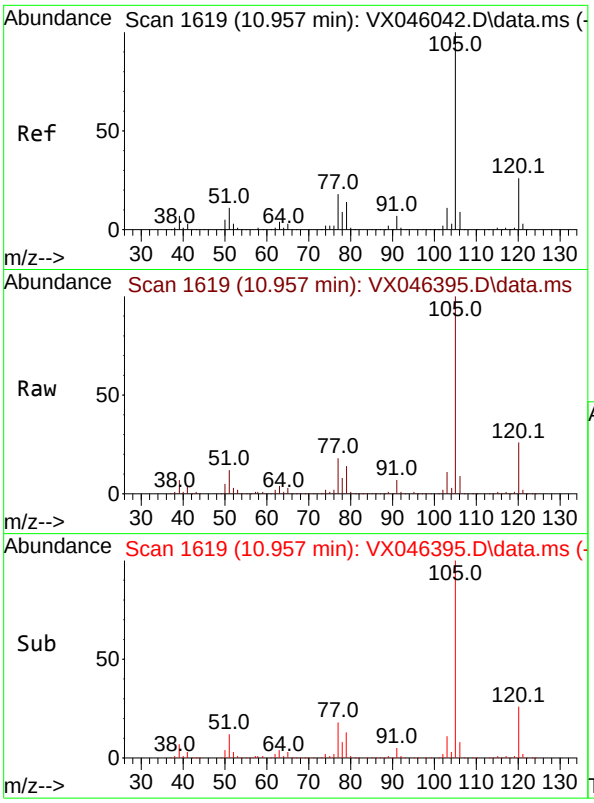


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:152 Resp: 46578

Ion	Ratio	Lower	Upper
152	100		
115	66.3	46.9	140.7
150	156.9	0.0	351.0

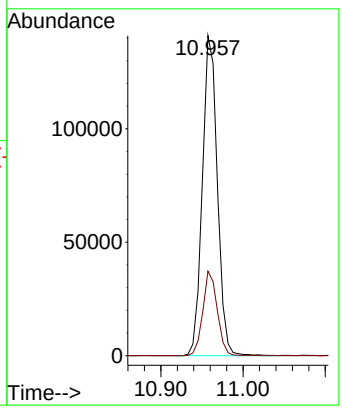




#73
Isopropylbenzene
Concen: 49.251 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:105 Resp: 17859

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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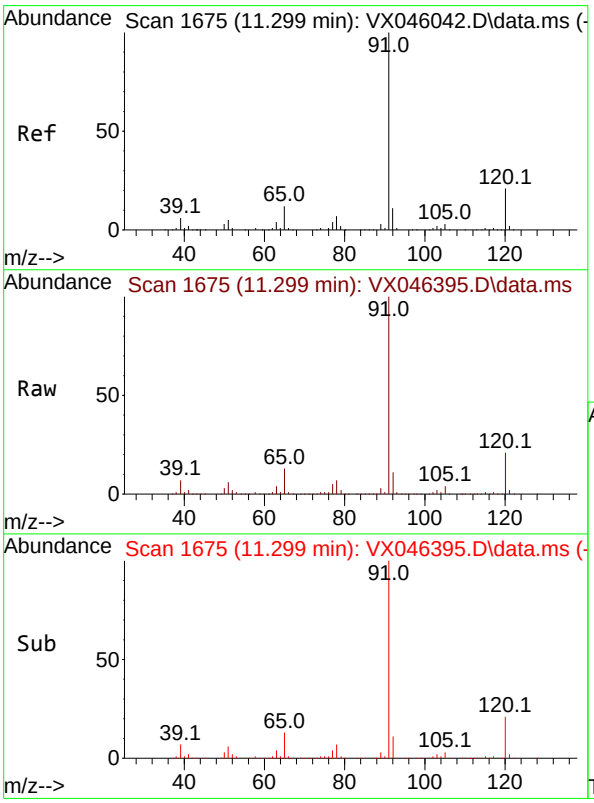
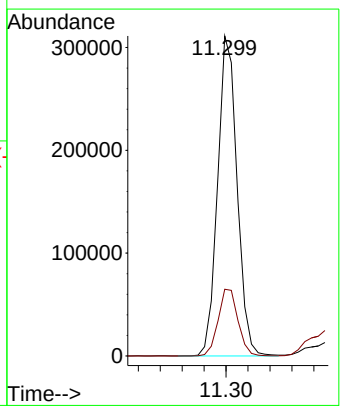
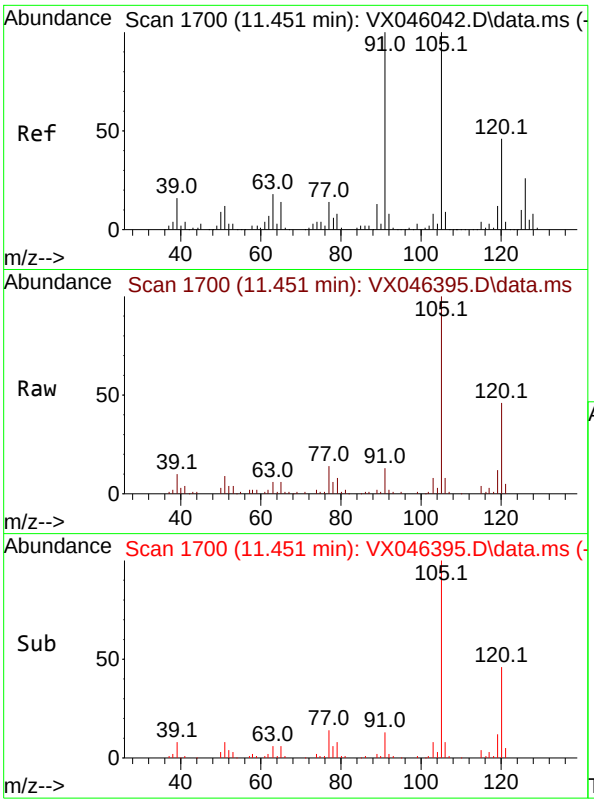


#78
n-propylbenzene
Concen: 91.135 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 91 Resp: 384260

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4





#80
1,3,5-Trimethylbenzene
Concen: 8.694 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:105 Resp: 2633

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2

Instrument :
MSVOA_X
ClientSampleId :
MW10

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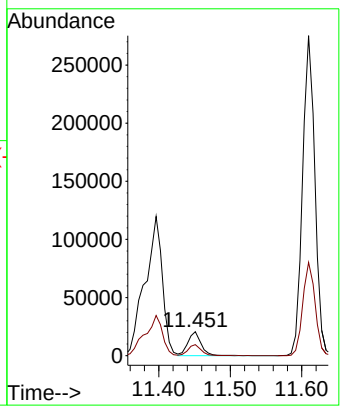
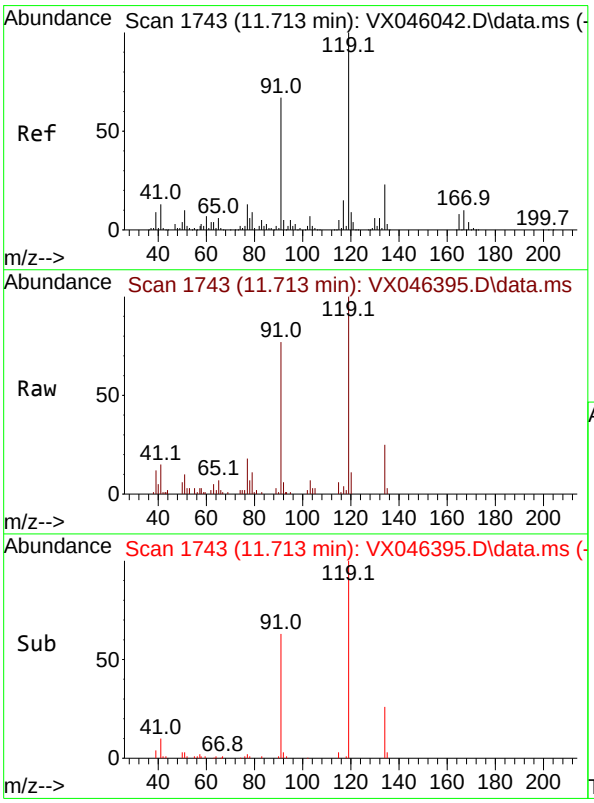
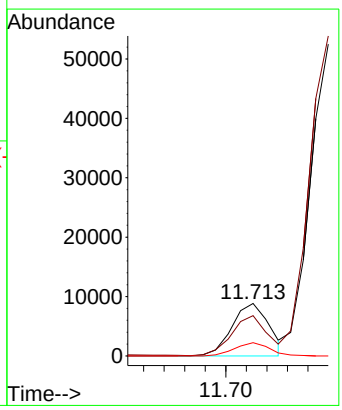


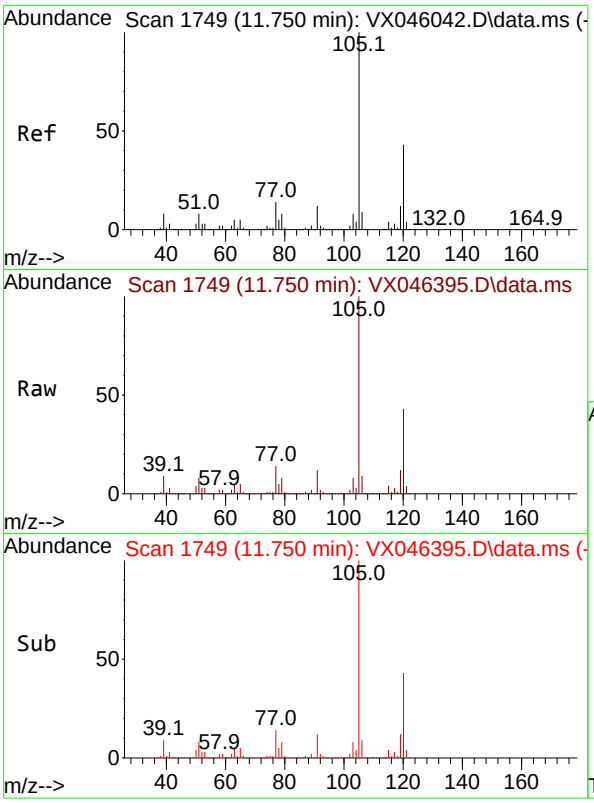


#83
tert-Butylbenzene
Concen: 3.621 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:119 Resp: 11050

Ion	Ratio	Lower	Upper
119	100		
91	73.6	32.9	98.7
134	24.0	11.4	34.1





#84
1,2,4-Trimethylbenzene
Concen: 174.084 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:105 Resp: 53407

Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.2	63.6

Instrument :
MSVOA_X
ClientSampleId :
MW10

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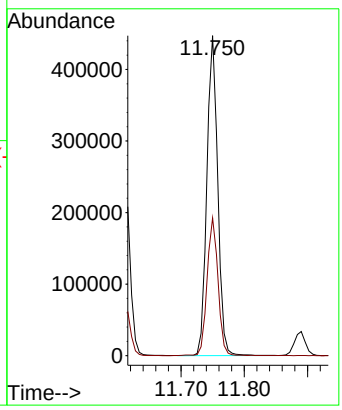
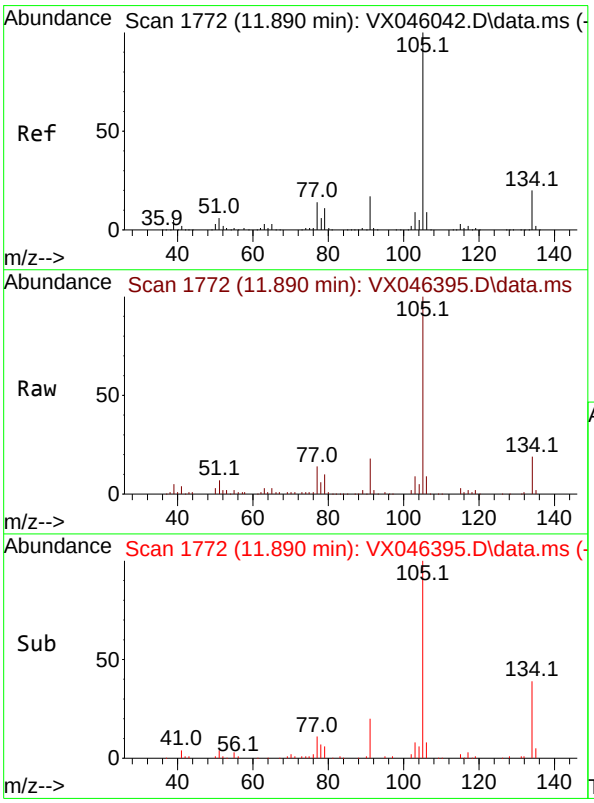
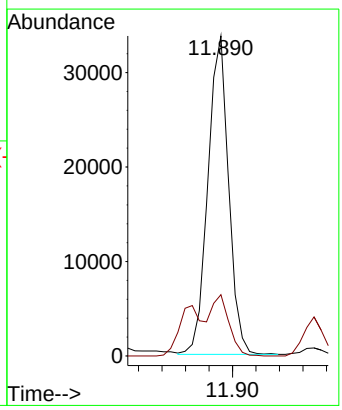


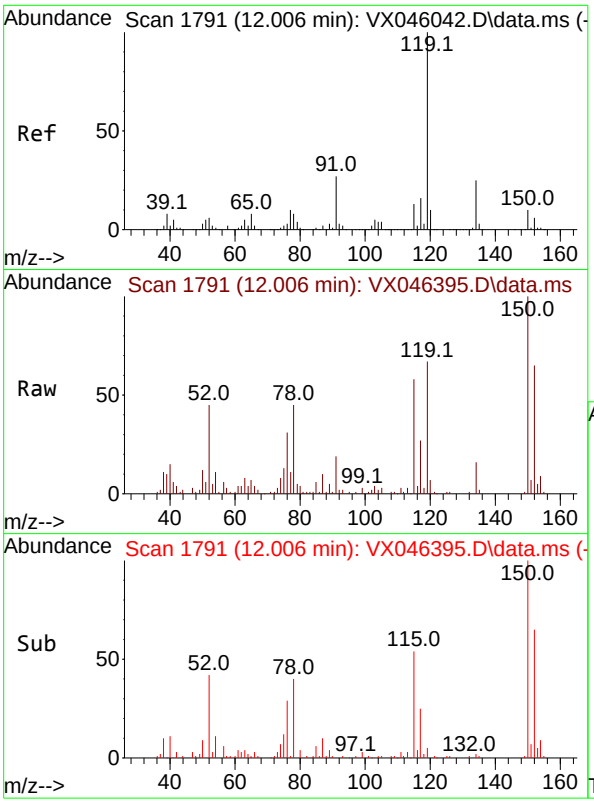


#85
sec-Butylbenzene
Concen: 11.027 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:105 Resp: 41314

Ion	Ratio	Lower	Upper
105	100		
134	16.0	9.7	29.1

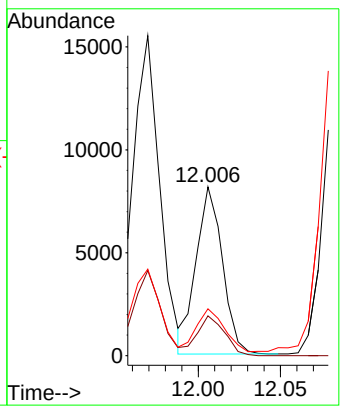




#86
p-Isopropyltoluene
Concen: 2.928 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion:119 Resp: 905

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.5	37.5
91	26.6	13.8	41.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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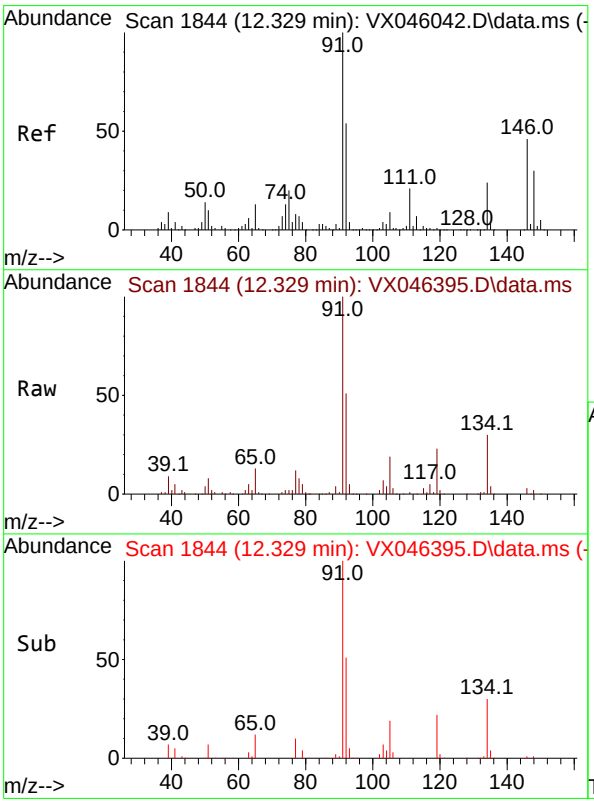
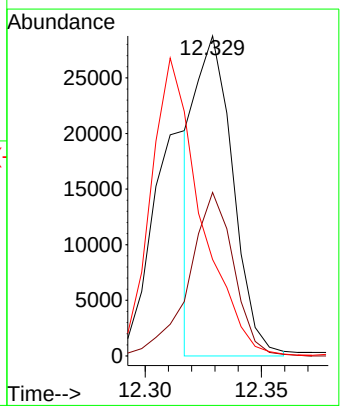
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#89
n-Butylbenzene
Concen: 11.915 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046395.D
Acq: 29 May 2025 13:30

Tgt Ion: 91 Resp: 32322

Ion	Ratio	Lower	Upper
91	100		
92	61.3	26.9	80.7
134	123.0	11.8	35.3#



Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.739	101	107	120	rBV	364123	512294	33.15%	1.701%
2	1.947	136	141	154	rVB	124729	179739	11.63%	0.597%
3	2.337	195	205	219	rBV	67885	139297	9.01%	0.463%
4	2.776	268	277	280	rBV	233704	492893	31.89%	1.637%
5	2.819	280	284	296	rVB	479118	999560	64.67%	3.319%
6	3.099	317	330	345	rBV	397781	914488	59.17%	3.037%
7	3.440	377	386	401	rBV2	110621	251961	16.30%	0.837%
8	3.727	425	433	443	rBV	46459	110165	7.13%	0.366%
9	3.831	443	450	462	rVB3	28532	75158	4.86%	0.250%
10	4.044	475	485	489	rBV	14550	42219	2.73%	0.140%
11	4.099	489	494	502	rVV	25256	73683	4.77%	0.245%
12	4.202	502	511	518	rVV	82098	250327	16.20%	0.831%
13	4.300	518	527	538	rVV	232756	678654	43.91%	2.254%
14	4.422	538	547	560	rVB4	17986	64243	4.16%	0.213%
15	5.147	647	666	685	rVB7	27188	172259	11.15%	0.572%
16	5.379	690	704	711	rBV2	60332	195065	12.62%	0.648%
17	5.495	711	723	729	rBV4	90983	361855	23.41%	1.202%
18	5.617	735	743	765	rVB	220231	783196	50.67%	2.601%
19	5.818	765	776	790	rBV2	136470	413417	26.75%	1.373%
20	5.952	790	798	807	rBV2	55954	143090	9.26%	0.475%
21	6.153	817	831	837	rBV3	79304	270305	17.49%	0.898%
22	6.245	838	846	856	rVV2	286432	875355	56.64%	2.907%
23	6.354	856	864	877	rVB2	91617	266868	17.27%	0.886%
24	6.598	893	904	916	rVB3	32767	85070	5.50%	0.282%
25	6.757	922	930	936	rBV	124139	326535	21.13%	1.084%
26	6.836	936	943	957	rVB3	141094	467276	30.23%	1.552%
27	6.970	957	965	972	rBV2	26207	63183	4.09%	0.210%
28	7.062	972	980	990	rVB3	39420	91834	5.94%	0.305%
29	7.165	990	997	1006	rBV	82824	186277	12.05%	0.619%
30	7.367	1019	1030	1043	rVB4	180869	526646	34.07%	1.749%
31	7.495	1043	1051	1056	rBV2	36721	76716	4.96%	0.255%
32	7.555	1056	1061	1066	rBV2	34181	68191	4.41%	0.226%
33	7.653	1072	1077	1090	rVB2	48195	98716	6.39%	0.328%
34	7.769	1090	1096	1103	rVB2	42112	87118	5.64%	0.289%
35	7.879	1103	1114	1122	rBV5	33554	120491	7.80%	0.400%
36	7.982	1122	1131	1142	rVB	163043	368275	23.83%	1.223%

Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

37	8.104	1142	1151	1155	rBV	197243	417287	27.00%	1.386%
38	8.183	1161	1164	1175	rVB3	37179	83360	5.39%	0.277%
39	8.305	1175	1184	1190	rVV4	43481	103212	6.68%	0.343%
40	8.500	1209	1216	1227	rVB4	83722	184227	11.92%	0.612%
41	8.604	1227	1233	1235	rBV3	47395	89013	5.76%	0.296%
42	8.647	1235	1240	1249	rVV	275259	455807	29.49%	1.514%
43	8.769	1257	1260	1264	rVV4	23556	40920	2.65%	0.136%
44	8.817	1264	1268	1270	rVV2	29734	47234	3.06%	0.157%
45	8.921	1277	1285	1290	rVV2	44798	113427	7.34%	0.377%
46	8.970	1290	1293	1300	rVV2	36823	83763	5.42%	0.278%
47	9.098	1306	1314	1319	rVV2	50408	112916	7.31%	0.375%
48	9.159	1319	1324	1335	rVB	115697	204456	13.23%	0.679%
49	9.458	1370	1373	1376	rVV2	27409	42455	2.75%	0.141%
50	9.500	1376	1380	1386	rVV4	42184	85829	5.55%	0.285%
51	9.756	1416	1422	1429	rBV2	31314	58638	3.79%	0.195%
52	10.049	1466	1470	1476	rBV	256261	355400	22.99%	1.180%
53	10.189	1489	1493	1501	rVB	799687	1029443	66.61%	3.418%
54	10.299	1506	1511	1517	rVB	469546	636986	41.21%	2.115%
55	10.640	1562	1567	1581	rVB	48260	77184	4.99%	0.256%
56	10.957	1614	1619	1627	rBV	373825	477495	30.89%	1.586%
57	11.079	1634	1639	1644	rBV	212362	266638	17.25%	0.885%
58	11.299	1665	1675	1683	rBV	658637	831039	53.77%	2.760%
59	11.396	1683	1691	1696	rVV	312554	546315	35.35%	1.814%
60	11.451	1696	1700	1708	rVB	62641	84830	5.49%	0.282%
61	11.610	1721	1726	1737	rBV	733912	889890	57.58%	2.955%
62	11.713	1737	1743	1745	rBV	32225	46963	3.04%	0.156%
63	11.750	1745	1749	1756	rVB	1302294	1545569	100.00%	5.132%
64	11.860	1763	1767	1769	rBV	63585	79835	5.17%	0.265%
65	11.890	1769	1772	1778	rVB	85445	106404	6.88%	0.353%
66	11.969	1781	1785	1788	rBV	48013	57511	3.72%	0.191%
67	12.018	1788	1793	1798	rVV2	261445	340274	22.02%	1.130%
68	12.085	1799	1804	1810	rVB	402863	490165	31.71%	1.628%
69	12.177	1815	1819	1824	rVB	45842	56930	3.68%	0.189%
70	12.244	1824	1830	1837	rBV2	977959	1335689	86.42%	4.435%
71	12.311	1837	1841	1851	rVB2	284148	440436	28.50%	1.463%
72	12.402	1851	1856	1861	rVB2	93829	119682	7.74%	0.397%
73	12.463	1861	1866	1872	rVB2	144823	190638	12.33%	0.633%
74	12.530	1872	1877	1879	rBV	219878	279244	18.07%	0.927%
75	12.549	1879	1880	1885	rVB	95410	94501	6.11%	0.314%
76	12.609	1885	1890	1893	rBV	592495	716238	46.34%	2.378%

Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

77	12.640	1893	1895	1900	rVB	258792	284921	18.43%	0.946%
78	12.695	1900	1904	1912	rBV	769332	999169	64.65%	3.318%
79	12.847	1923	1929	1933	rVB2	101401	145388	9.41%	0.483%
80	12.920	1933	1941	1944	rBV	414313	523060	33.84%	1.737%
81	12.957	1944	1947	1954	rVB	240427	314814	20.37%	1.045%
82	13.024	1954	1958	1967	rVB3	51219	90521	5.86%	0.301%
83	13.109	1967	1972	1974	rBV2	40763	58762	3.80%	0.195%
84	13.164	1978	1981	1989	rVB	465203	576481	37.30%	1.914%
85	13.292	1997	2002	2007	rVB2	967445	1283709	83.06%	4.263%
86	13.341	2007	2010	2013	rBV3	40553	43741	2.83%	0.145%
87	13.420	2019	2023	2031	rVB	97237	127405	8.24%	0.423%
88	13.506	2031	2037	2039	rBV2	44678	66083	4.28%	0.219%
89	13.542	2039	2043	2046	rVV	151112	222527	14.40%	0.739%
90	13.579	2046	2049	2053	rVV2	120971	189921	12.29%	0.631%
91	13.640	2053	2059	2060	rVV3	59740	118139	7.64%	0.392%
92	13.658	2060	2062	2070	rVV2	102679	161383	10.44%	0.536%
93	13.774	2073	2081	2090	rVB	173726	241206	15.61%	0.801%
94	13.920	2099	2105	2109	rBV2	67011	93011	6.02%	0.309%
95	13.969	2109	2113	2117	rVB	47258	59745	3.87%	0.198%
96	14.073	2125	2130	2137	rBV	108077	135091	8.74%	0.449%
97	14.213	2148	2153	2159	rBV2	42564	69278	4.48%	0.230%
98	14.316	2166	2170	2175	rBV	48369	64954	4.20%	0.216%
99	14.371	2175	2179	2186	rVB	57635	76500	4.95%	0.254%
100	14.780	2240	2246	2255	rBV	85137	119014	7.70%	0.395%

Sum of corrected areas: 30115085

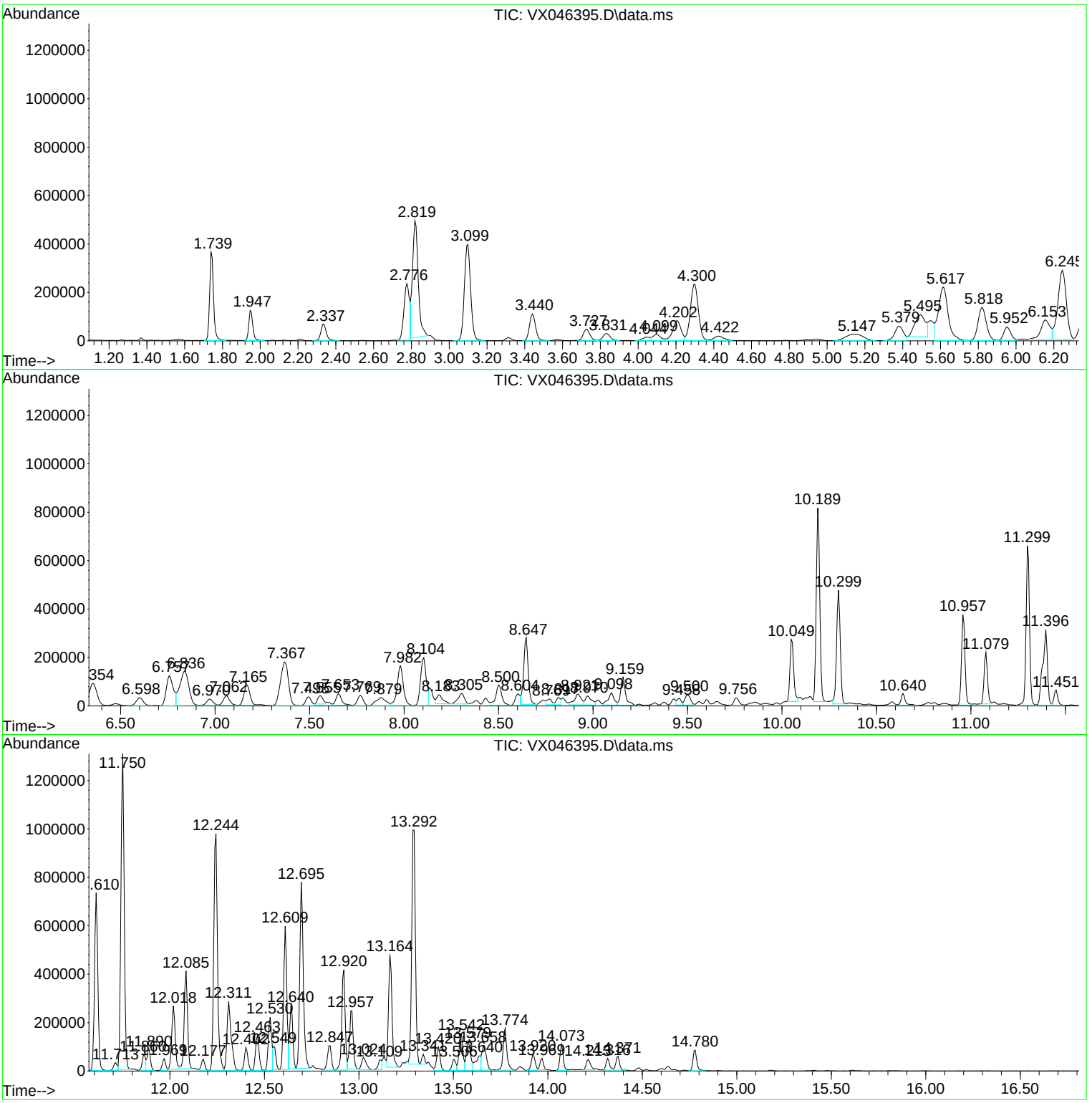
Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

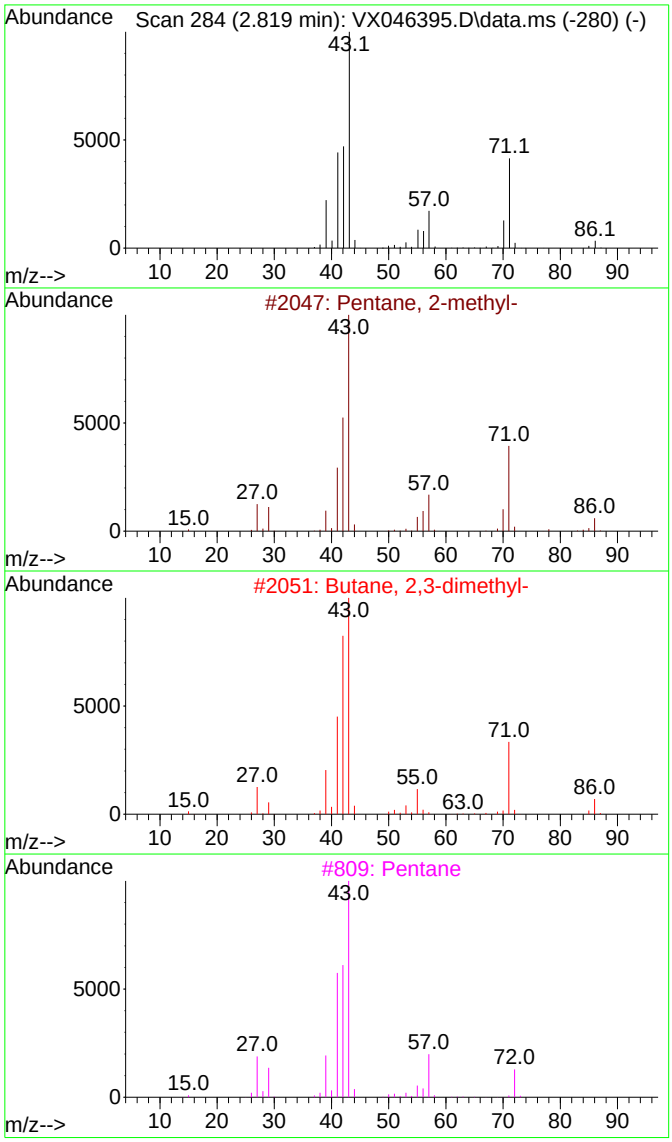
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

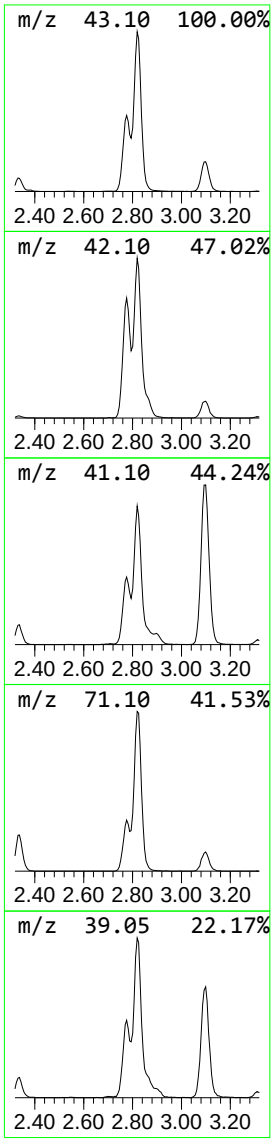
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	138.12 ug/l	999560	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	Pentane	72	C5H12	000109-66-0	46
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

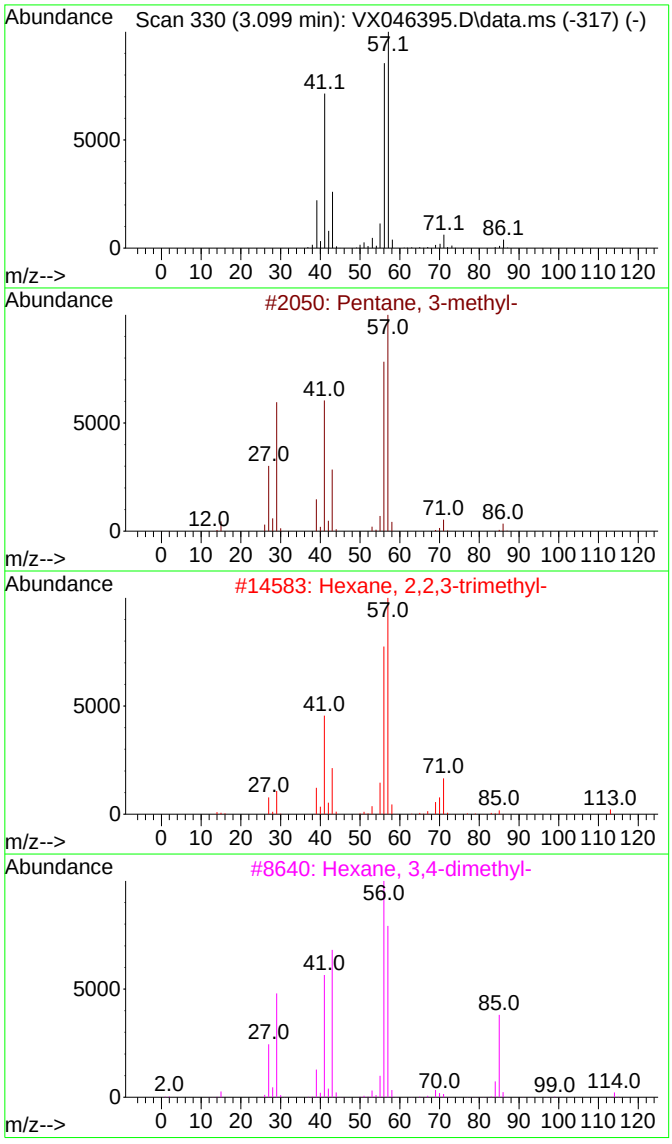
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

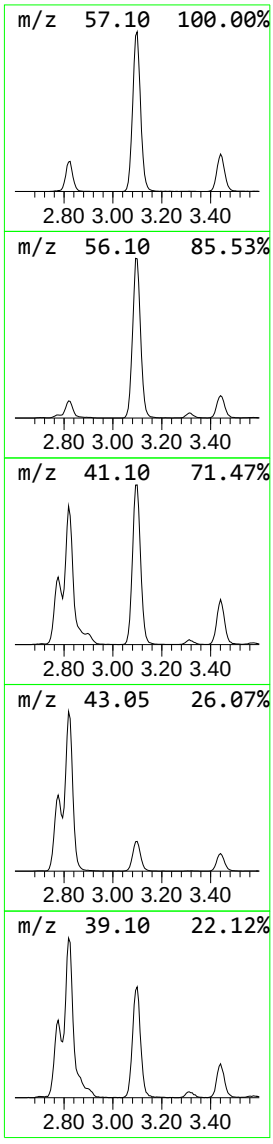
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	126.36 ug/l	914488	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

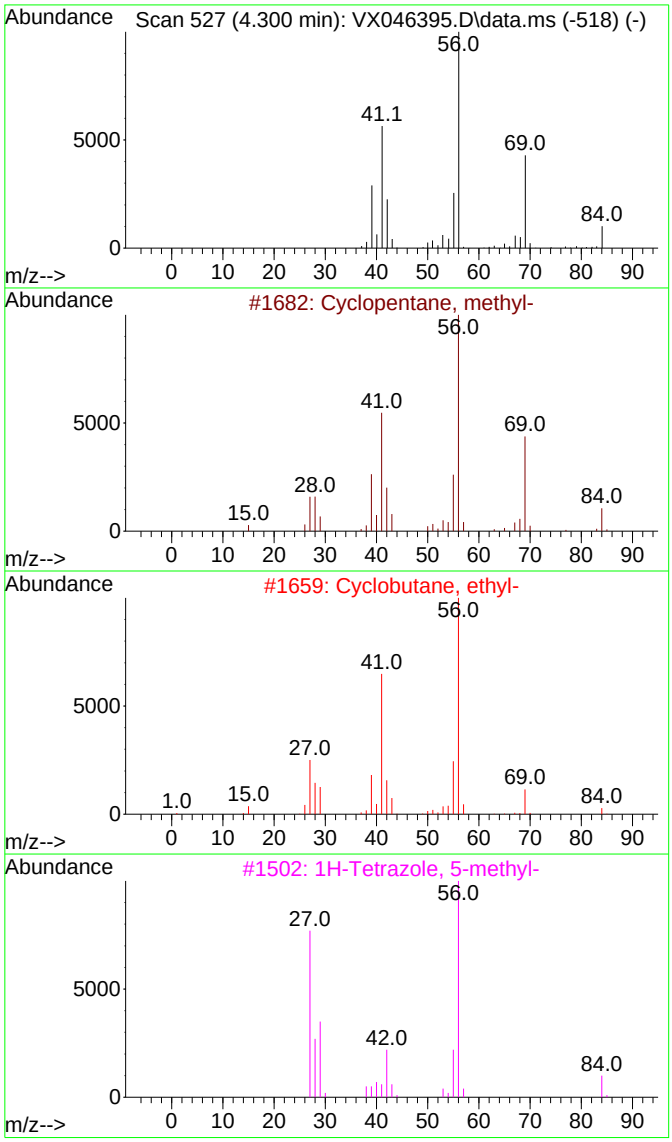
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

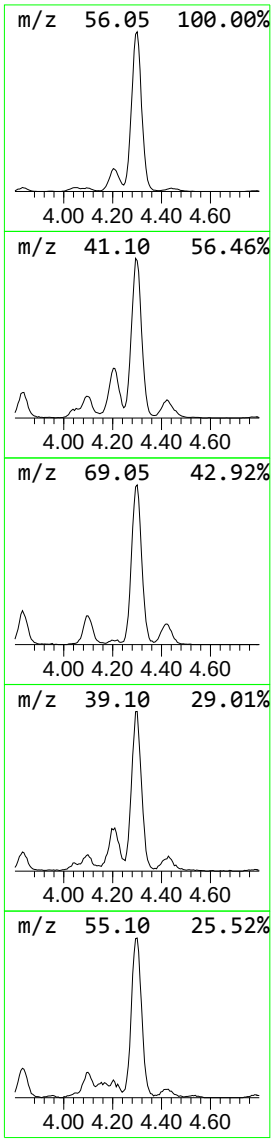
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	93.77 ug/l	678654	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	Cyclobutane	56	C4H8	000287-23-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

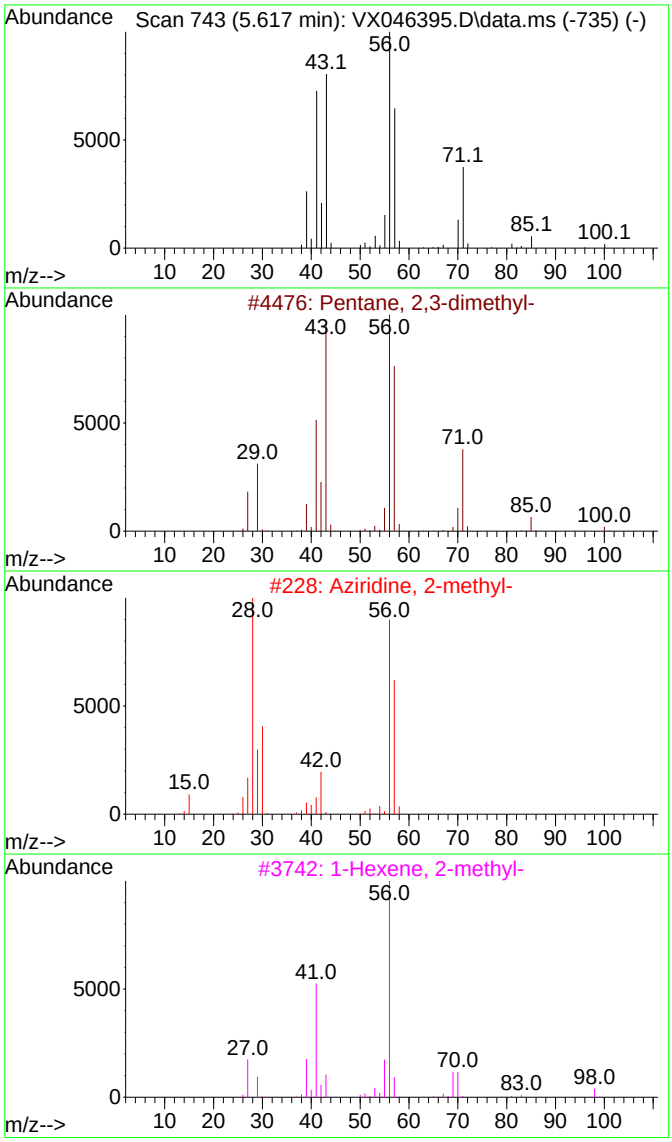
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

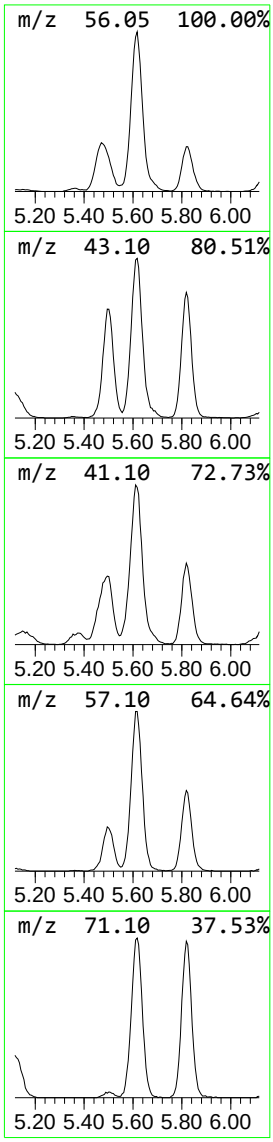
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.617	108.22 ug/l	783196	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

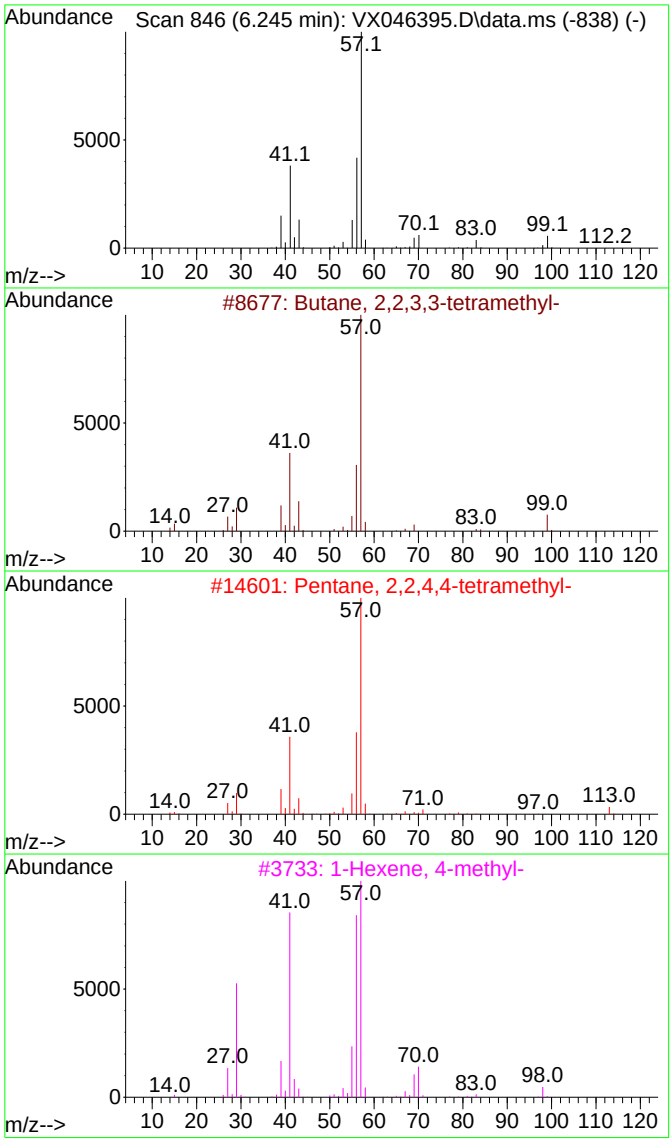
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

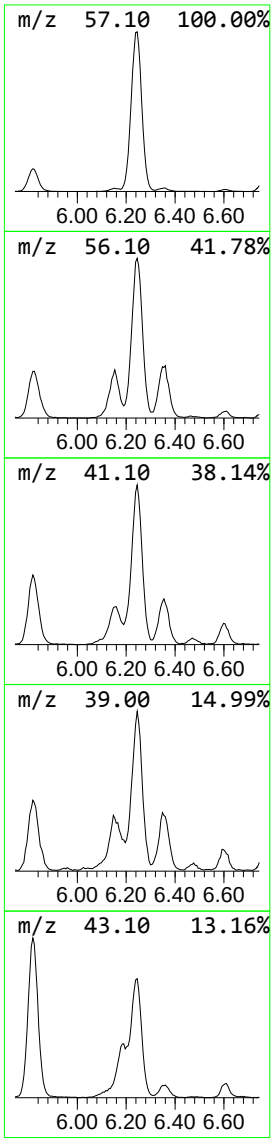
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	134.04 ug/l	875355	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

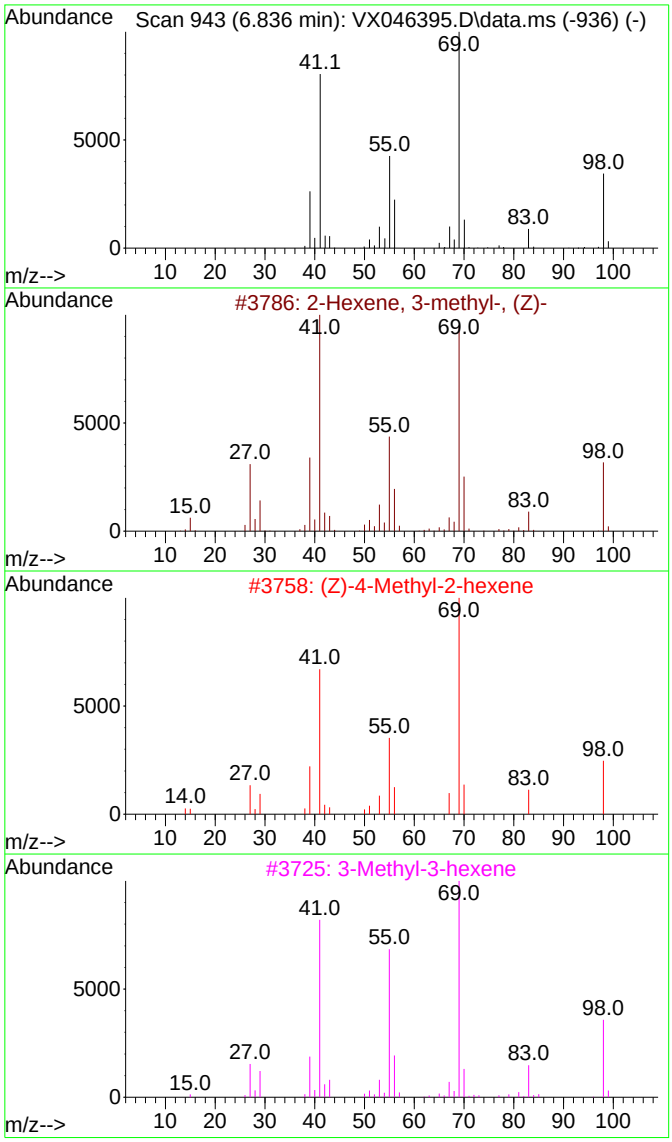
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

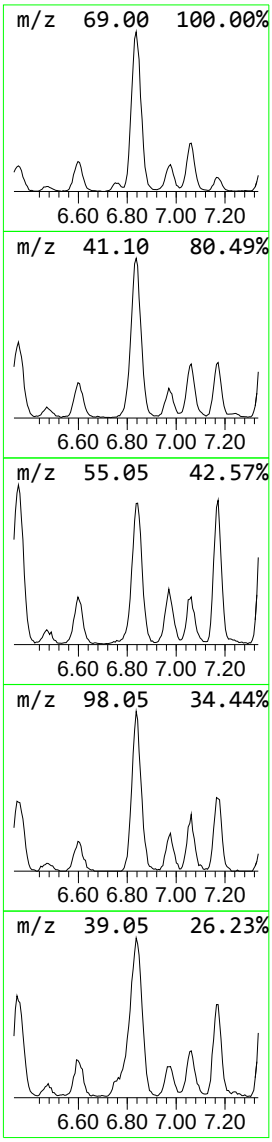
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Hexene, 3-methyl-, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	71.55 ug/l	467276	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
2	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	87
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	87
4	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	86
5	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	83





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Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

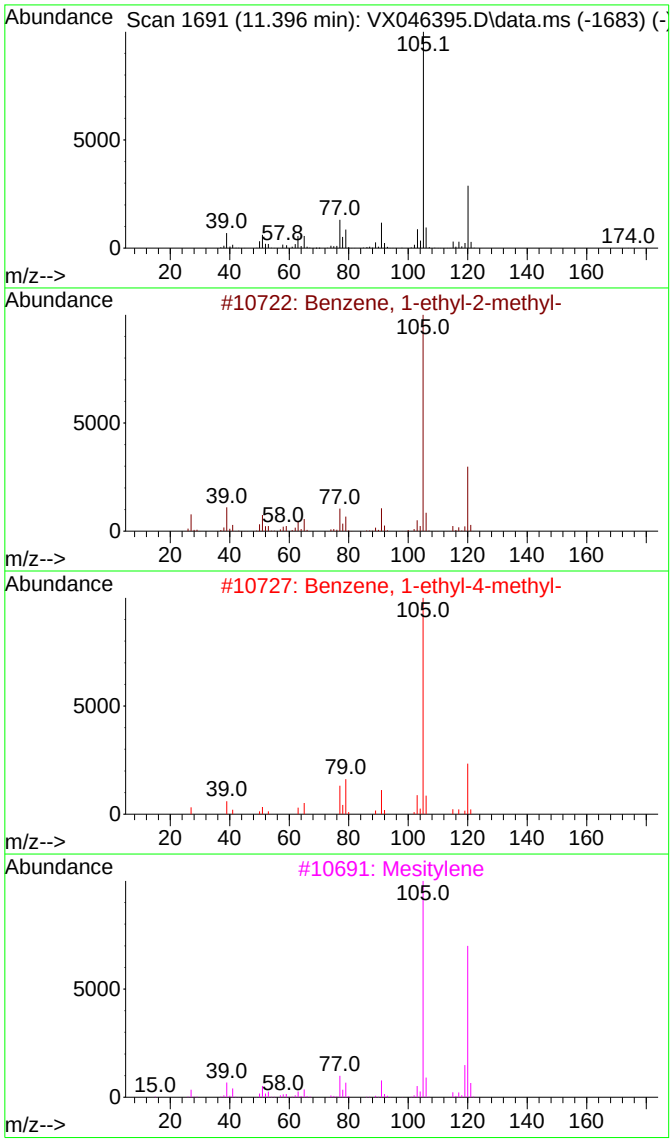
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

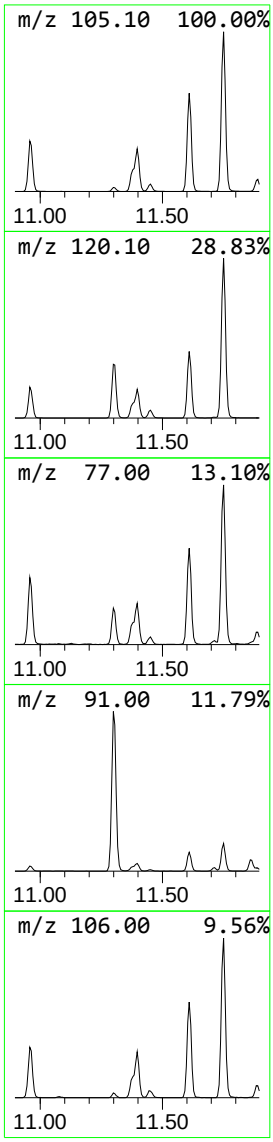
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	80.28 ug/l	546315	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

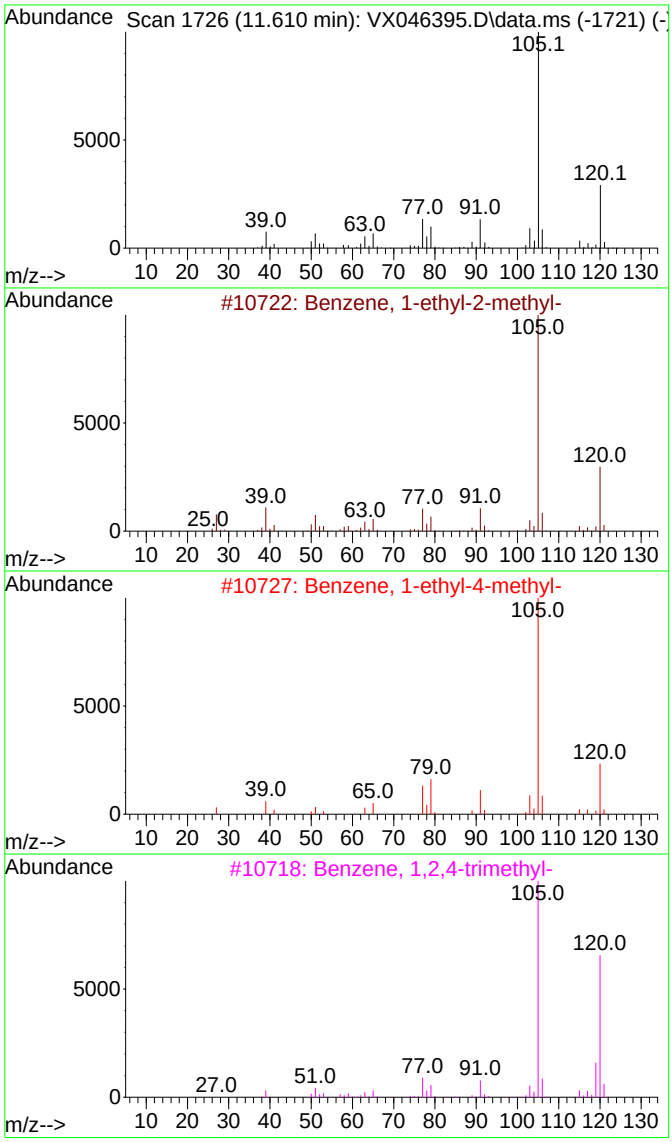
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

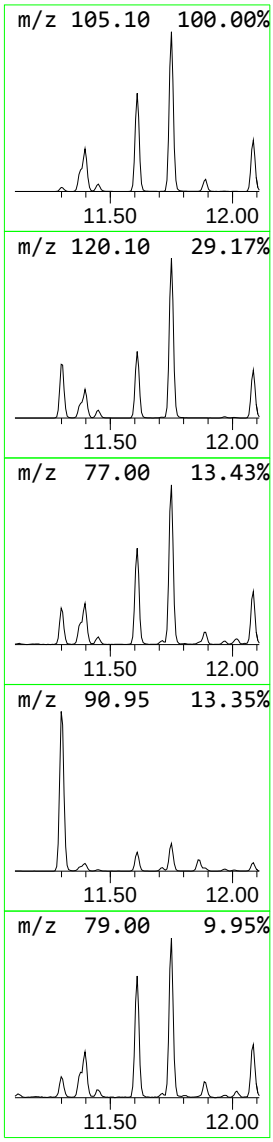
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	130.76 ug/l	889890	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

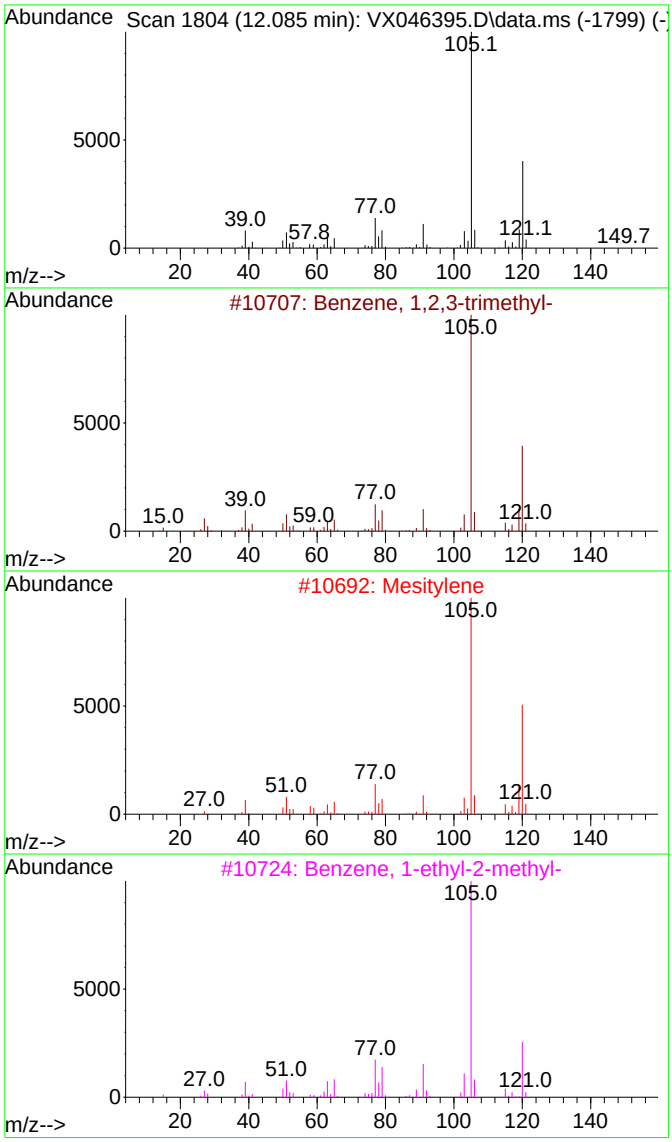
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

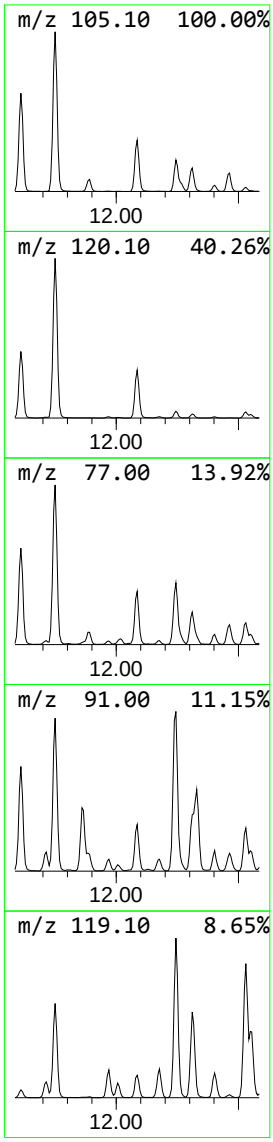
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	72.03 ug/l	490165	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

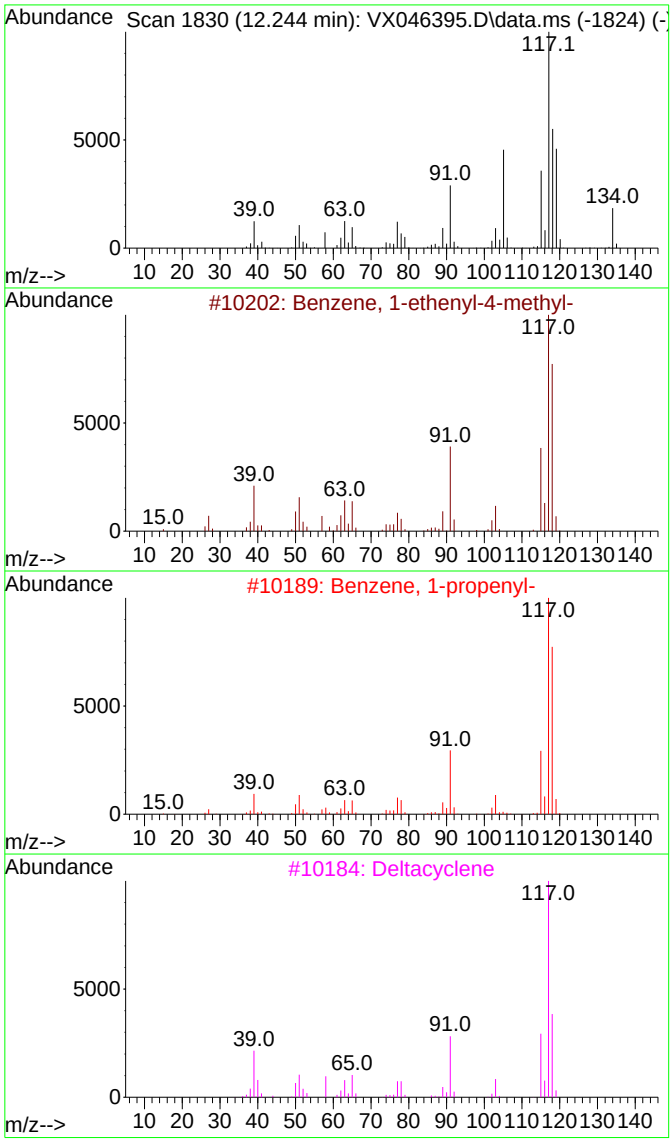
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

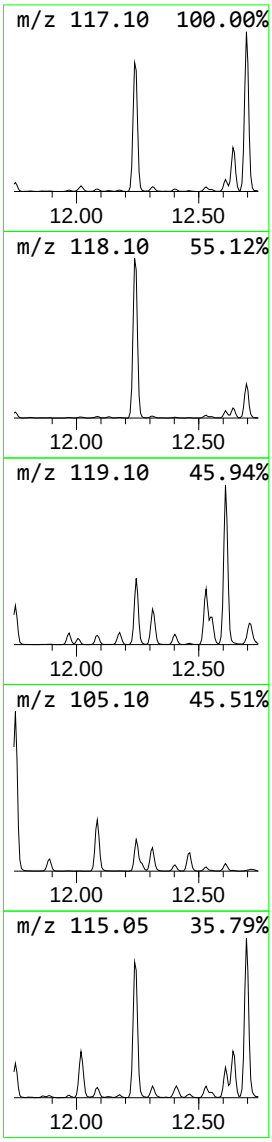
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	196.27 ug/l	1335690	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

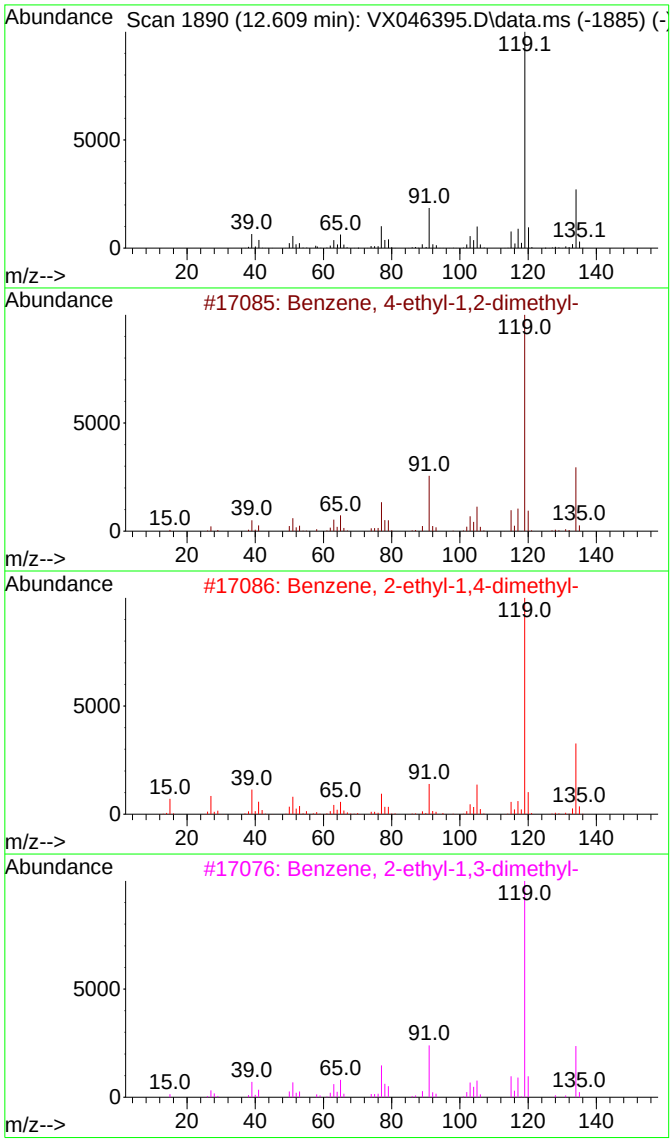
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

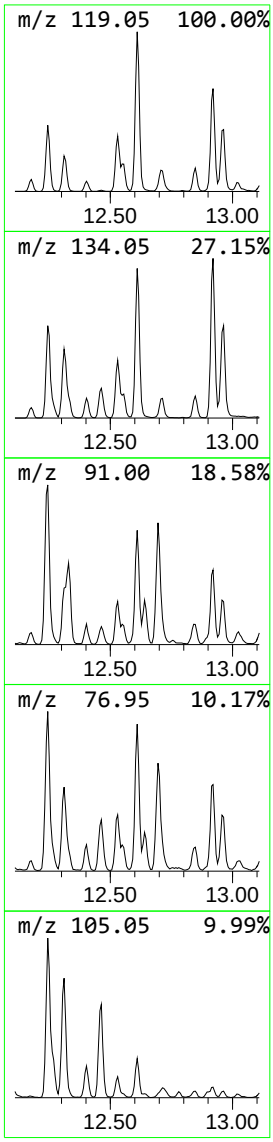
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	105.24 ug/l	716238	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

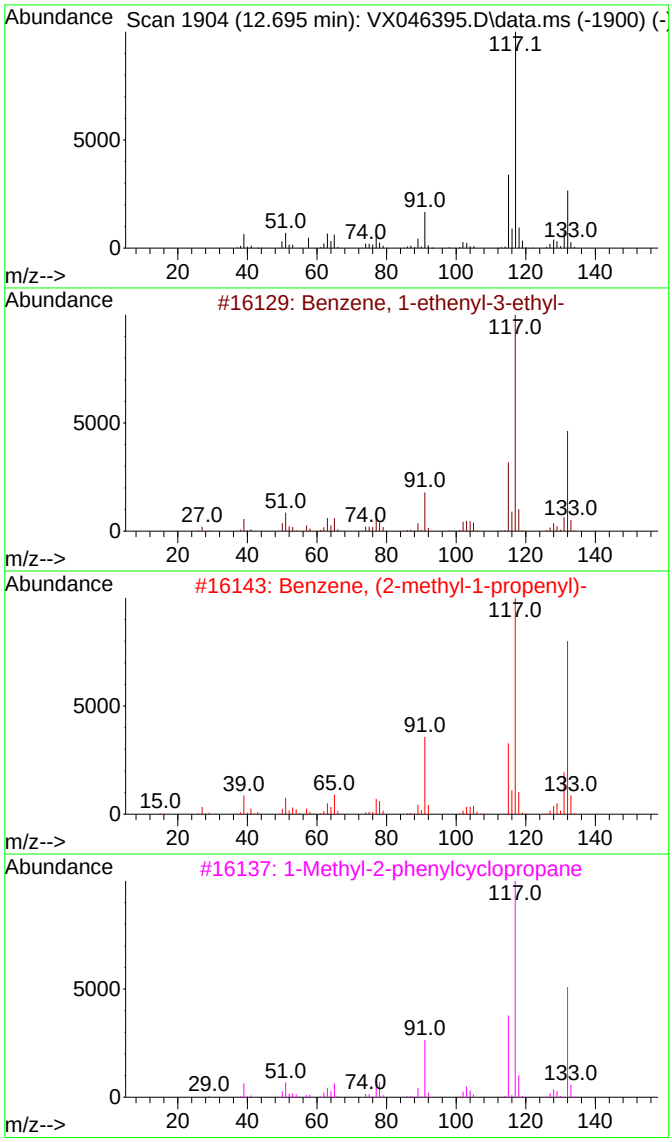
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

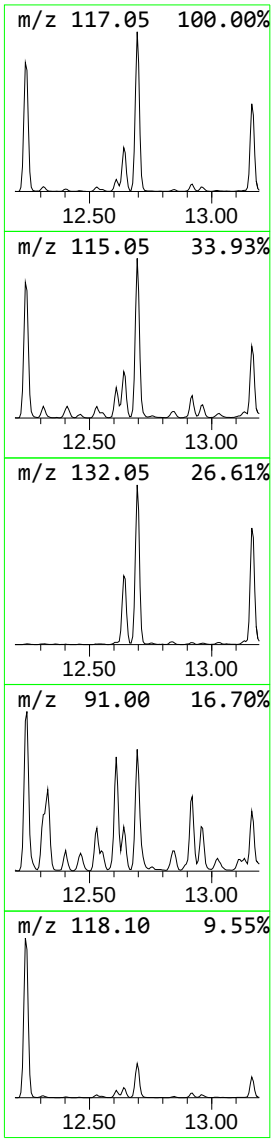
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	146.82 ug/l	999169	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

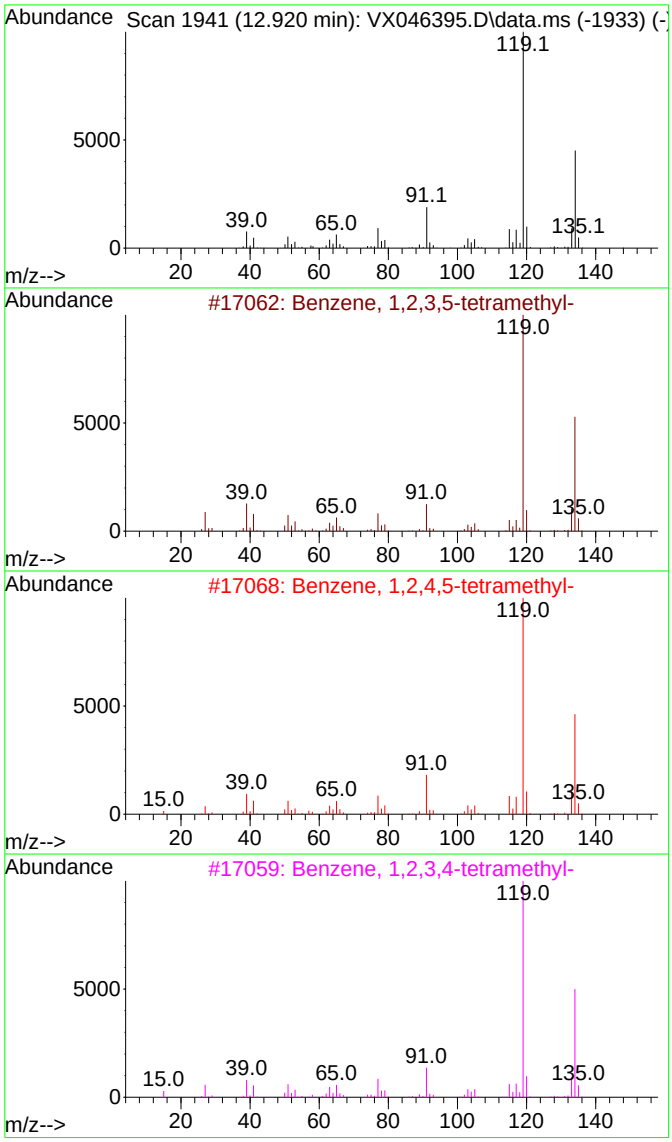
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

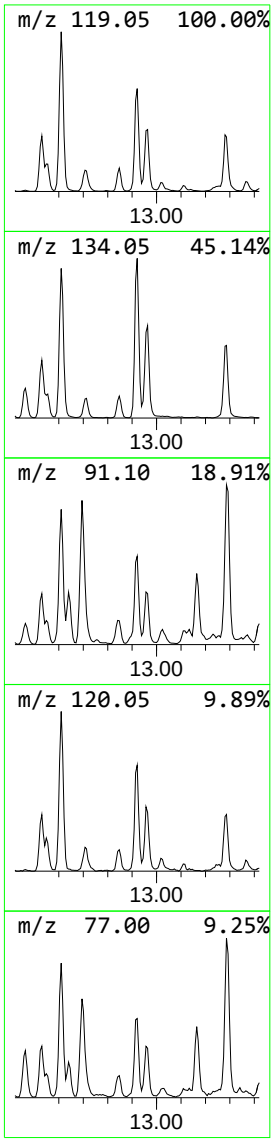
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	76.86 ug/l	523060	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Sample Results: **VX046395.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

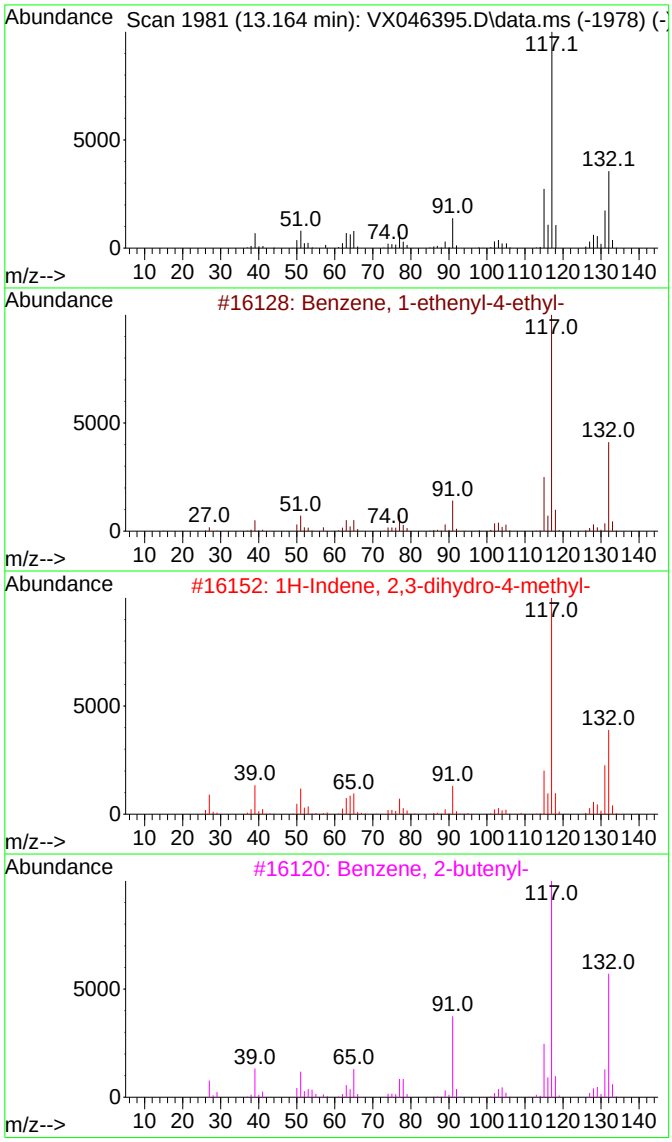
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

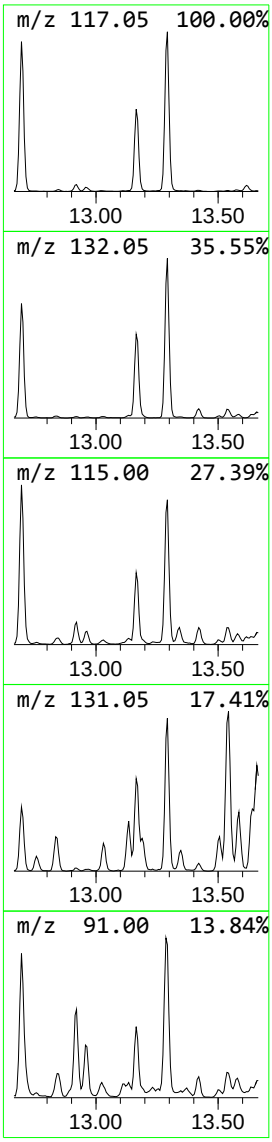
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	84.71 ug/l	576481	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

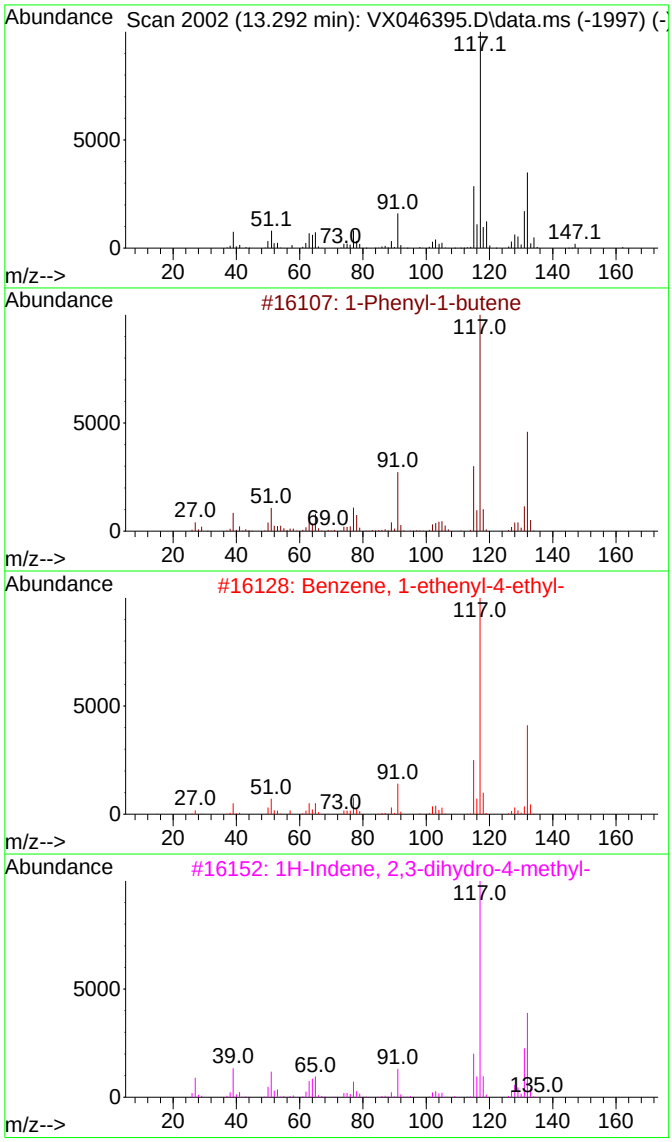
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

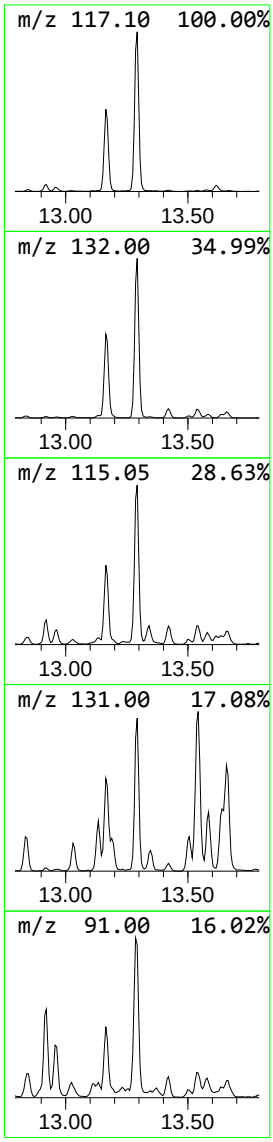
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	188.63 ug/l	1283710	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-methyl-	2.819	138.1	ug/l	999560	1	5.550	361855	50.0
Pentane, 3-methyl-	3.099	126.4	ug/l	914488	1	5.550	361855	50.0
Cyclopentane, m...	4.300	93.8	ug/l	678654	1	5.550	361855	50.0
Pentane, 2,3-di...	5.617	108.2	ug/l	783196	1	5.550	361855	50.0
Butane, 2,2,3,3...	6.245	134.0	ug/l	875355	2	6.757	326535	50.0
2-Hexene, 3-met...	6.836	71.5	ug/l	467276	2	6.757	326535	50.0
Benzene, 1-ethy...	11.396	80.3	ug/l	546315	4	12.018	340274	50.0
Benzene, 1-ethy...	11.610	130.8	ug/l	889890	4	12.018	340274	50.0
Benzene, 1,2,3-...	12.085	72.0	ug/l	490165	4	12.018	340274	50.0
Benzene, 1-ethe...	12.244	196.3	ug/l	1335690	4	12.018	340274	50.0
Benzene, 4-ethy...	12.610	105.2	ug/l	716238	4	12.018	340274	50.0
Benzene, 1-ethe...	12.695	146.8	ug/l	999169	4	12.018	340274	50.0
Benzene, 1,2,3,...	12.920	76.9	ug/l	523060	4	12.018	340274	50.0
1H-Indene, 2,3-...	13.164	84.7	ug/l	576481	4	12.018	340274	50.0
1-Phenyl-1-butene	13.292	188.6	ug/l	1283710	4	12.018	340274	50.0

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.697	0.864	0.859	0.875	0.639	0.658	0.765	14.6
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methyl Acetate	0.814	0.848	0.845	0.875	0.816	1.006	0.867	8.3
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
Cyclohexane	1.090	1.128	1.128	1.150	1.059		1.111	3.3
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Bromochloromethane	0.628	0.578	0.595	0.590	0.553	0.576	0.587	4.3
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5

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

Raw Data

Alliance TECHNICAL GROUP

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.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
1,2-Dibromoethane	0.359	0.373	0.368	0.381	0.333	0.322	0.356	6.5
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dibromo-3-Chloropropane	0.299	0.322	0.329	0.356	0.248	0.259	0.302	13.9
1,2,4-Trichlorobenzene	0.861	0.981	1.035	1.123	0.842	0.862	0.951	12
1,2,3-Trichlorobenzene	0.921	1.019	1.051	1.107	0.846	0.941	0.981	9.7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* 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.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025
Response Via : Initial Calibration

Calibration Files
1 =VX046047.D 5 =VX046046.D 20 =VX046041.D 50 =VX046042.D 100 =VX046043.D 150 =VX046044.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.658	0.639	0.697	0.864	0.859	0.875	0.765	14.62
3)	P	Chloromethane	0.694	0.679	0.727	0.775	0.787	0.791	0.742	6.58
4)	C	Vinyl Chloride	0.673	0.619	0.660	0.710	0.727	0.755	0.691	7.17#
5)	T	Bromomethane		0.305	0.296	0.326	0.340	0.334	0.320	5.84
6)	T	Chloroethane	0.467	0.368	0.354	0.378	0.329	0.317	0.369	14.44
7)	T	Trichlorofluor...	1.064	0.990	1.035	1.068	0.983	0.985	1.021	3.92
8)	T	Diethyl Ether	0.403	0.311	0.340	0.337	0.338	0.355	0.347	8.83
9)	T	1,1,2-Trichlor...	0.633	0.610	0.628	0.641	0.629	0.648	0.632	2.10
10)	T	Methyl Iodide		0.608	0.767	0.806	0.793	0.763	0.747	10.68
11)	T	Tert butyl alc...		0.114	0.122	0.129	0.144	0.146	0.131	10.45
12)	CM	1,1-Dichloroet...	0.594	0.567	0.565	0.601	0.607	0.625	0.593	3.94#
13)	T	Acrolein		0.117	0.158	0.152	0.154	0.163	0.149	12.33
14)	T	Allyl chloride	1.052	1.058	1.127	1.179	1.187	1.196	1.133	5.75
15)	T	Acrylonitrile	0.363	0.345	0.378	0.388	0.381	0.390	0.374	4.52
16)	T	Acetone	0.380	0.408	0.361	0.362	0.361	0.370	0.374	4.90
17)	T	Carbon Disulfide	1.423	1.141	1.295	1.455	1.522	1.597	1.406	11.68
18)	T	Methyl Acetate	1.006	0.816	0.814	0.848	0.845	0.875	0.867	8.27
19)	T	Methyl tert-bu...	1.949	1.908	2.044	2.160	2.172	2.239	2.079	6.39
20)	T	Methylene Chlo...	0.853	0.689	0.689	0.684	0.691	0.691	0.716	9.39
21)	T	trans-1,2-Dich...	0.604	0.557	0.573	0.610	0.612	0.622	0.596	4.27
22)	T	Diisopropyl ether	2.095	1.924	2.219	2.278	2.295	2.321	2.189	6.97
23)	T	Vinyl Acetate	1.660	1.698	1.928	2.048	2.082	2.134	1.925	10.52
24)	P	1,1-Dichloroet...	1.116	1.154	1.233	1.263	1.263	1.286	1.219	5.60
25)	T	2-Butanone	0.495	0.539	0.540	0.555	0.558	0.569	0.543	4.77
26)	T	2,2-Dichloropr...	0.965	0.850	0.910	0.957	1.003	1.039	0.954	7.03
27)	T	cis-1,2-Dichlo...	0.719	0.642	0.716	0.737	0.738	0.755	0.718	5.55
28)	T	Bromochloromet...	0.576	0.553	0.628	0.578	0.595	0.590	0.587	4.28
29)	T	Tetrahydrofuran	0.318	0.318	0.340	0.350	0.351	0.362	0.340	5.36
30)	C	Chloroform	1.265	1.199	1.287	1.296	1.277	1.300	1.271	2.95#
31)	T	Cyclohexane		1.059	1.090	1.128	1.128	1.150	1.111	3.26
32)	T	1,1,1-Trichlor...	1.015	1.013	1.106	1.131	1.155	1.188	1.101	6.60
33)	S	1,2-Dichloroet...		0.935	0.953	0.910	0.930	0.932	0.932	1.65
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.354	0.359	0.355	0.364	0.368	0.360	1.70
36)	T	1,1-Dichloropr...	0.493	0.462	0.463	0.495	0.483	0.505	0.484	3.68
37)	T	Ethyl Acetate	0.586	0.582	0.569	0.611	0.609	0.631	0.598	3.83
38)	T	Carbon Tetrach...	0.541	0.505	0.528	0.558	0.552	0.577	0.544	4.61
39)	T	Methylcyclohexane	0.627	0.587	0.596	0.641	0.627	0.658	0.623	4.34
40)	TM	Benzene	1.348	1.337	1.426	1.474	1.441	1.477	1.417	4.30
41)	T	Methacrylonitrile	0.233	0.288	0.318	0.346	0.343	0.348	0.313	14.50
42)	TM	1,2-Dichloroet...	0.579	0.594	0.632	0.627	0.611	0.625	0.612	3.45
43)	T	Isopropyl Acetate	0.764	0.826	0.905	0.963	0.982	1.030	0.912	11.05
44)	TM	Trichloroethene	0.324	0.315	0.344	0.355	0.345	0.362	0.341	5.28
45)	C	1,2-Dichloropr...	0.317	0.324	0.356	0.371	0.368	0.378	0.352	7.37#
46)	T	Dibromomethane	0.263	0.262	0.285	0.287	0.280	0.289	0.278	4.35
47)	T	Bromodichlorom...	0.485	0.498	0.557	0.577	0.573	0.594	0.547	8.22
48)	T	Methyl methacr...	0.370	0.426	0.465	0.502	0.500	0.531	0.466	12.75
49)	T	1,4-Dioxane	0.007	0.009	0.009	0.009	0.009	0.010	0.009	8.45
50)	S	Toluene-d8		1.221	1.246	1.223	1.266	1.275	1.246	1.95
51)	T	4-Methyl-2-Pen...	0.561	0.555	0.620	0.634	0.630	0.631	0.605	6.04
52)	CM	Toluene	0.803	0.838	0.884	0.898	0.885	0.904	0.869	4.54#
53)	T	t-1,3-Dichloro...	0.371	0.406	0.468	0.528	0.555	0.591	0.487	17.86
54)	T	cis-1,3-Dichlo...	0.423	0.469	0.531	0.578	0.602	0.623	0.538	14.61
55)	T	1,1,2-Trichlor...	0.308	0.337	0.349	0.354	0.351	0.356	0.343	5.30
56)	T	Ethyl methacry...	0.377	0.508	0.540	0.595	0.617	0.639	0.546	17.58

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X050525W.M

57)	T	1,3-Dichloropr...	0.610	0.601	0.618	0.623	0.613	0.627	0.615	1.53
58)	T	2-Chloroethyl ...	0.230	0.247	0.270	0.307	0.303	0.313	0.278	12.41
59)	T	2-Hexanone	0.385	0.414	0.466	0.473	0.477	0.473	0.448	8.69
60)	T	Dibromochlorom...	0.306	0.326	0.378	0.400	0.415	0.431	0.376	13.28
61)	T	1,2-Dibromoethane	0.322	0.333	0.359	0.373	0.368	0.381	0.356	6.54
62)	S	4-Bromofluorob...		0.464	0.455	0.470	0.500	0.500	0.478	4.41
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.347	0.323	0.390	0.375	0.345	0.344	0.354	6.84
65)	PM	Chlorobenzene	1.131	1.046	1.093	1.098	1.085	1.114	1.094	2.65
66)	T	1,1,1,2-Tetrac...	0.369	0.341	0.365	0.390	0.382	0.395	0.374	5.22
67)	C	Ethyl Benzene	1.803	1.816	1.919	2.022	1.979	2.036	1.929	5.24#
68)	T	m/p-Xylenes	0.648	0.678	0.706	0.740	0.721	0.740	0.706	5.21
69)	T	o-Xylene	0.642	0.639	0.688	0.727	0.706	0.726	0.688	5.75
70)	T	Styrene	0.951	1.012	1.135	1.219	1.214	1.230	1.127	10.56
71)	P	Bromoform	0.234	0.236	0.270	0.304	0.312	0.327	0.281	14.17
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.789	3.562	3.843	4.130	3.876	4.156	3.893	5.72
74)	T	N-amyl acetate	1.715	1.652	1.846	2.067	2.068	2.192	1.924	11.32
75)	P	1,1,2,2-Tetrac...	1.552	1.350	1.315	1.338	1.284	1.345	1.364	6.97
76)	T	1,2,3-Trichlor...	1.405	1.167	1.151	1.187	1.131	1.181	1.204	8.36
77)	T	Bromobenzene	0.926	0.862	0.896	0.928	0.883	0.928	0.904	3.08
78)	T	n-propylbenzene	4.272	4.186	4.394	4.854	4.583	4.868	4.526	6.45
79)	T	2-Chlorotoluene	3.184	2.748	2.832	2.994	2.805	2.953	2.919	5.45
80)	T	1,3,5-Trimethy...	3.036	3.053	3.275	3.487	3.255	3.405	3.252	5.60
81)	T	trans-1,4-Dich...		0.269	0.335	0.385	0.410	0.449	0.370	18.91
82)	T	4-Chlorotoluene	3.226	2.939	3.196	3.430	3.255	3.379	3.238	5.32
83)	T	tert-Butylbenzene	3.341	3.098	3.115	3.435	3.255	3.411	3.276	4.44
84)	T	1,2,4-Trimethy...	3.150	3.034	3.274	3.522	3.335	3.444	3.293	5.52
85)	T	sec-Butylbenzene	3.708	3.767	3.937	4.282	4.095	4.343	4.022	6.55
86)	T	p-Isopropyltol...	3.025	3.084	3.206	3.555	3.450	3.599	3.320	7.44
87)	T	1,3-Dichlorobe...	1.619	1.558	1.633	1.701	1.656	1.729	1.649	3.71
88)	T	1,4-Dichlorobe...	1.817	1.606	1.629	1.693	1.639	1.722	1.684	4.64
89)	T	n-Butylbenzene	2.443	2.650	2.748	3.147	3.139	3.346	2.912	12.00
90)	T	Hexachloroethane	0.511	0.523	0.551	0.622	0.622	0.680	0.585	11.44
91)	T	1,2-Dichlorobe...	1.710	1.577	1.613	1.696	1.634	1.702	1.655	3.34
92)	T	1,2-Dibromo-3-...	0.259	0.248	0.299	0.322	0.329	0.356	0.302	13.89
93)	T	1,2,4-Trichlor...	0.862	0.842	0.861	0.981	1.035	1.123	0.951	12.03
94)	T	Hexachlorobuta...	0.393	0.414	0.394	0.427	0.418	0.445	0.415	4.79
95)	T	Naphthalene	3.499	2.929	3.204	3.613	3.690	3.984	3.487	10.69
96)	T	1,2,3-Trichlor...	0.941	0.846	0.921	1.019	1.051	1.107	0.981	9.74

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	83671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	31909	12.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	25.640%#		
35) Dibromofluoromethane	5.385	113	21112	12.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	25.600%#		
50) Toluene-d8	8.646	98	73333	13.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	26.400%#		
62) 4-Bromofluorobenzene	11.079	95	26760	13.236	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	26.480%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23341	12.638	ug/l	96
3) Chloromethane	1.306	50	24316	13.371	ug/l	98
4) Vinyl Chloride	1.373	62	22096	13.868	ug/l	94
5) Bromomethane	1.593	94	9920	12.279	ug/l	93
6) Chloroethane	1.666	64	11832	14.414	ug/l	95
7) Trichlorofluoromethane	1.873	101	34636	14.271	ug/l	100
8) Diethyl Ether	2.129	74	11392	14.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	21027	14.499	ug/l	98
10) Methyl Iodide	2.446	142	25661	15.070	ug/l	99
11) Tert butyl alcohol	2.971	59	20370	68.662	ug/l	97
12) 1,1-Dichloroethene	2.312	96	18899	13.385	ug/l	98
13) Acrolein	2.233	56	26427	76.689	ug/l	95
14) Allyl chloride	2.660	41	37708	14.133	ug/l	99
15) Acrylonitrile	3.062	53	63290	71.312	ug/l	98
16) Acetone	2.379	43	60363	70.884	ug/l	99
17) Carbon Disulfide	2.501	76	43348	13.251	ug/l	100
18) Methyl Acetate	2.702	43	27234	13.397	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68402	13.890	ug/l	100
20) Methylene Chloride	2.782	84	23050	13.362	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	19161	13.294	ug/l	96
22) Diisopropyl ether	3.763	45	74257	14.896	ug/l	95
23) Vinyl Acetate	3.720	43	322598	73.230	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41257	14.082	ug/l	98
25) 2-Butanone	4.556	43	90331	73.489	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30472	13.729	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23970	13.791	ug/l	98
28) Bromochloromethane	4.897	49	21028	13.497	ug/l	99
29) Tetrahydrofuran	5.007	42	56819	71.175	ug/l	100
30) Chloroform	5.086	83	43065	14.144	ug/l	95
31) Cyclohexane	5.458	56	36470	14.769	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	37003	14.092	ug/l	98
36) 1,1-Dichloropropene	5.684	75	27242	14.231	ug/l	98
37) Ethyl Acetate	4.720	43	33458	13.931	ug/l	98
38) Carbon Tetrachloride	5.671	117	31091	14.137	ug/l	98
39) Methylcyclohexane	7.372	83	35077	14.623	ug/l	99
40) Benzene	6.031	78	83898	14.140	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	18732	14.038	ug/l		95
42) 1,2-Dichloroethane	6.080	62	37203	15.165	ug/l		100
43) Isopropyl Acetate	6.342	43	53275	14.512	ug/l		99
44) Trichloroethene	7.116	130	20239	14.429	ug/l		99
45) 1,2-Dichloropropane	7.427	63	20940	14.204	ug/l		98
46) Dibromomethane	7.580	93	16781	14.439	ug/l		99
47) Bromodichloromethane	7.817	83	32762	14.545	ug/l		94
48) Methyl methacrylate	7.689	41	27374	14.521	ug/l		100
49) 1,4-Dioxane	7.659	88	10585	282.442	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	182455	75.775	ug/l		98
52) Toluene	8.713	92	52030	14.788	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	27549	14.566	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	31226	14.154	ug/l		98
55) 1,1,2-Trichloroethane	9.152	97	20536	14.442	ug/l		96
56) Ethyl methacrylate	9.116	69	31787	14.425	ug/l		98
57) 1,3-Dichloropropane	9.305	76	36341	14.417	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	79531	80.312	ug/l		100
59) 2-Hexanone	9.427	43	137054	74.997	ug/l		99
60) Dibromochloromethane	9.518	129	22267	14.387	ug/l		99
61) 1,2-Dibromoethane	9.610	107	21113	14.458	ug/l		96
64) Tetrachloroethene	9.268	164	19924	15.263	ug/l		97
65) Chlorobenzene	10.079	112	55863	14.202	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	18671	14.231	ug/l		98
67) Ethyl Benzene	10.189	91	98113	14.631	ug/l		100
68) m/p-Xylenes	10.299	106	72202	29.806	ug/l		99
69) o-Xylene	10.640	106	35178	14.408	ug/l		96
70) Styrene	10.652	104	58034	14.853	ug/l		98
71) Bromoform	10.799	173	13825	14.030	ug/l	#	100
73) Isopropylbenzene	10.957	105	93013	14.096	ug/l		99
74) N-amyl acetate	10.841	43	44684	13.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	31830	13.560	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	27845m	11.039	ug/l		
77) Bromobenzene	11.195	156	21695	14.212	ug/l		96
78) n-propylbenzene	11.298	91	106337	14.376	ug/l		99
79) 2-Chlorotoluene	11.359	91	68534	13.748	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	79261	14.468	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8104	13.371	ug/l		91
82) 4-Chlorotoluene	11.451	91	77338	14.116	ug/l		100
83) tert-Butylbenzene	11.713	119	75382	14.011	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	79232	14.480	ug/l		99
85) sec-Butylbenzene	11.890	105	95271	14.263	ug/l		100
86) p-Isopropyltoluene	12.006	119	77599	14.387	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	39520	13.898	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	39419	14.146	ug/l		99
89) n-Butylbenzene	12.329	91	66506	14.184	ug/l		99
90) Hexachloroethane	12.536	117	13332	13.287	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	39031	14.092	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7232	13.535	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	20846	13.745	ug/l		99
94) Hexachlorobutadiene	13.725	225	9524	13.426	ug/l		97
95) Naphthalene	13.774	128	77542	14.040	ug/l		99
96) 1,2,3-Trichlorobenzene	13.956	180	22301	14.023	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

ICAL Form

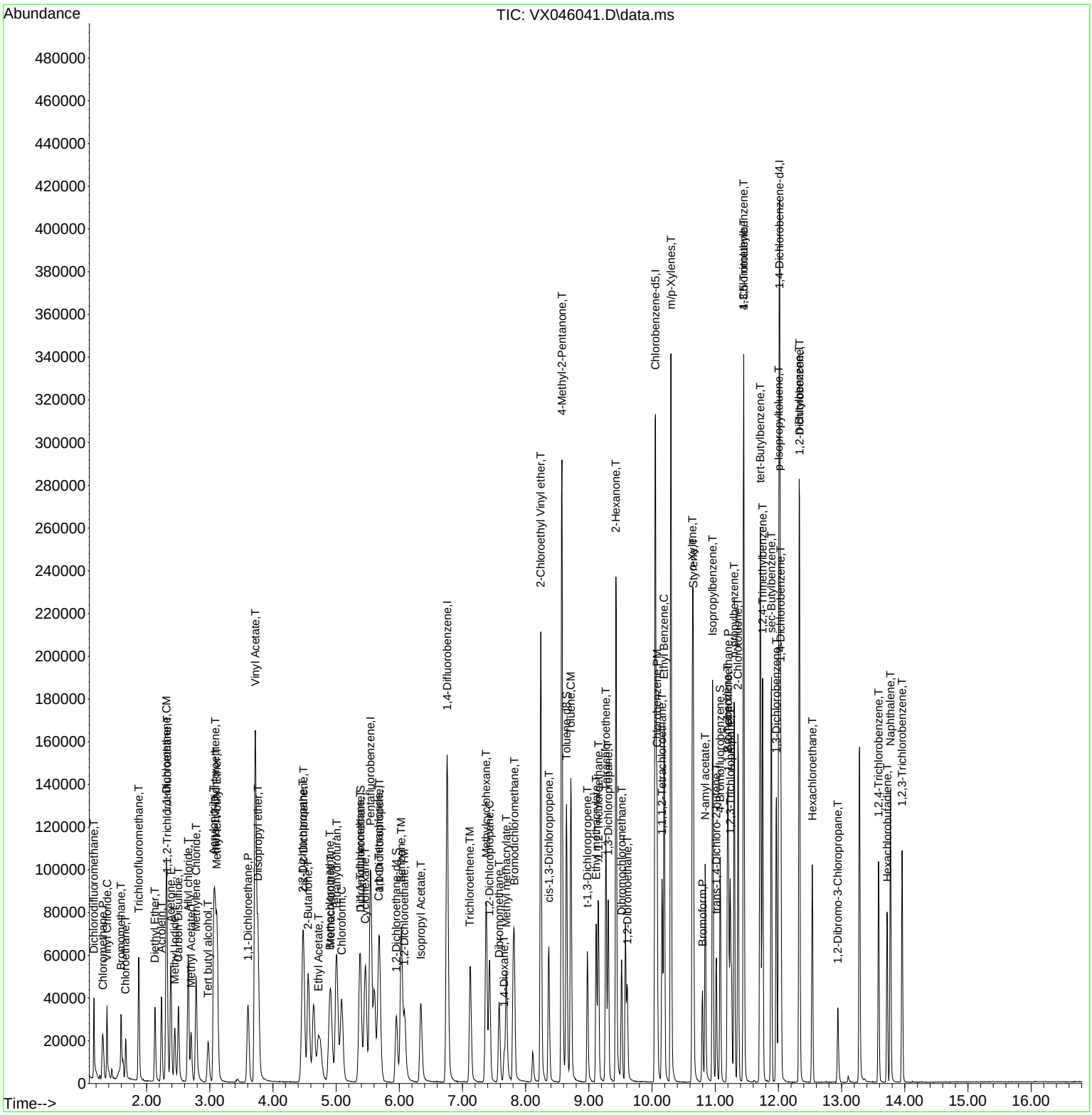
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	97076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88371	30.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	61.200%#		
35) Dibromofluoromethane	5.379	113	59550	31.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	8.647	98	205479	32.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	64.780%#		
62) 4-Bromofluorobenzene	11.079	95	79012	34.229	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	68.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	83826	39.120	ug/l	100
3) Chloromethane	1.307	50	75238	35.658	ug/l	100
4) Vinyl Chloride	1.374	62	68901	37.273	ug/l	100
5) Bromomethane	1.593	94	31648	33.765	ug/l	100
6) Chloroethane	1.666	64	36722	38.558	ug/l	100
7) Trichlorofluoromethane	1.874	101	103693	36.824	ug/l	100
8) Diethyl Ether	2.136	74	32724	35.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62251	36.997	ug/l	100
10) Methyl Iodide	2.447	142	78277	39.622	ug/l	100
11) Tert butyl alcohol	2.977	59	62557	181.745	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58334	35.610	ug/l	100
13) Acrolein	2.233	56	73927	184.907	ug/l	100
14) Allyl chloride	2.654	41	114445	36.971	ug/l	100
15) Acrylonitrile	3.062	53	188304	182.874	ug/l	100
16) Acetone	2.386	43	175777	177.910	ug/l	100
17) Carbon Disulfide	2.502	76	141281	37.223	ug/l	100
18) Methyl Acetate	2.703	43	82347	34.915	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209665	36.695	ug/l	100
20) Methylene Chloride	2.782	84	66412	33.182	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59234	35.421	ug/l	100
22) Diisopropyl ether	3.757	45	221172	38.241	ug/l	100
23) Vinyl Acetate	3.721	43	994236	194.528	ug/l	100
24) 1,1-Dichloroethane	3.605	63	122601	36.067	ug/l	100
25) 2-Butanone	4.556	43	269224	188.783	ug/l	100
26) 2,2-Dichloropropane	4.465	77	92857	36.059	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71518	35.466	ug/l	100
28) Bromochloromethane	4.898	49	56091	31.031	ug/l	100
29) Tetrahydrofuran	5.001	42	170124	183.679	ug/l	100
30) Chloroform	5.087	83	125850	35.626	ug/l	100
31) Cyclohexane	5.464	56	109459	38.205	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	109781	36.034	ug/l	100
36) 1,1-Dichloropropene	5.684	75	83215	38.073	ug/l	100
37) Ethyl Acetate	4.715	43	102537	37.394	ug/l	100
38) Carbon Tetrachloride	5.672	117	93712	37.320	ug/l	100
39) Methylcyclohexane	7.373	83	107651	39.307	ug/l	100
40) Benzene	6.031	78	247476	36.530	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58082	38.123	ug/l		100
42) 1,2-Dichloroethane	6.080	62	105332	37.605	ug/l		100
43) Isopropyl Acetate	6.336	43	161787	38.598	ug/l		100
44) Trichloroethene	7.123	130	59623	37.230	ug/l		100
45) 1,2-Dichloropropane	7.428	63	62387	37.064	ug/l		100
46) Dibromomethane	7.574	93	48201	36.326	ug/l		100
47) Bromodichloromethane	7.818	83	96916	37.685	ug/l		100
48) Methyl methacrylate	7.690	41	84277	39.157	ug/l		100
49) 1,4-Dioxane	7.659	88	30529	713.477	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	532388	193.653	ug/l		100
52) Toluene	8.714	92	150757	37.530	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	88655	41.056	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	97031	38.521	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	59499	36.648	ug/l		100
56) Ethyl methacrylate	9.116	69	99947	39.726	ug/l		100
57) 1,3-Dichloropropane	9.305	76	104606	36.347	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	257678	227.902	ug/l		100
59) 2-Hexanone	9.427	43	396784	190.168	ug/l		100
60) Dibromochloromethane	9.519	129	67198	38.027	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62633	37.567	ug/l		100
64) Tetrachloroethene	9.269	164	54853	36.726	ug/l		100
65) Chlorobenzene	10.079	112	160600	35.686	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57066	38.017	ug/l		100
67) Ethyl Benzene	10.189	91	295712	38.543	ug/l		100
68) m/p-Xylenes	10.299	106	216578	78.142	ug/l		100
69) o-Xylene	10.640	106	106335	38.064	ug/l		100
70) Styrene	10.653	104	178313	39.888	ug/l		100
71) Bromoform	10.799	173	44486	39.457	ug/l	#	100
73) Isopropylbenzene	10.957	105	280719	37.865	ug/l		100
74) N-amyl acetate	10.842	43	140509	38.012	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90975	34.495	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	80678m	28.468	ug/l		
77) Bromobenzene	11.195	156	63053	36.763	ug/l		100
78) n-propylbenzene	11.299	91	329981	39.707	ug/l		100
79) 2-Chlorotoluene	11.360	91	203509	36.336	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	237066	38.516	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	26179	38.445	ug/l		100
82) 4-Chlorotoluene	11.451	91	233172	37.880	ug/l		100
83) tert-Butylbenzene	11.713	119	233468	38.622	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	239433	38.946	ug/l		100
85) sec-Butylbenzene	11.890	105	291074	38.786	ug/l		100
86) p-Isopropyltoluene	12.006	119	241658	39.879	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	115651	36.199	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115097	36.763	ug/l		100
89) n-Butylbenzene	12.329	91	213899	40.603	ug/l		100
90) Hexachloroethane	12.536	117	42314	37.534	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115286	37.047	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21909	36.496	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	66655	39.117	ug/l		100
94) Hexachlorobutadiene	13.725	225	29007	36.395	ug/l		100
95) Naphthalene	13.774	128	245568	39.575	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	69262	38.765	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

ICAL Form

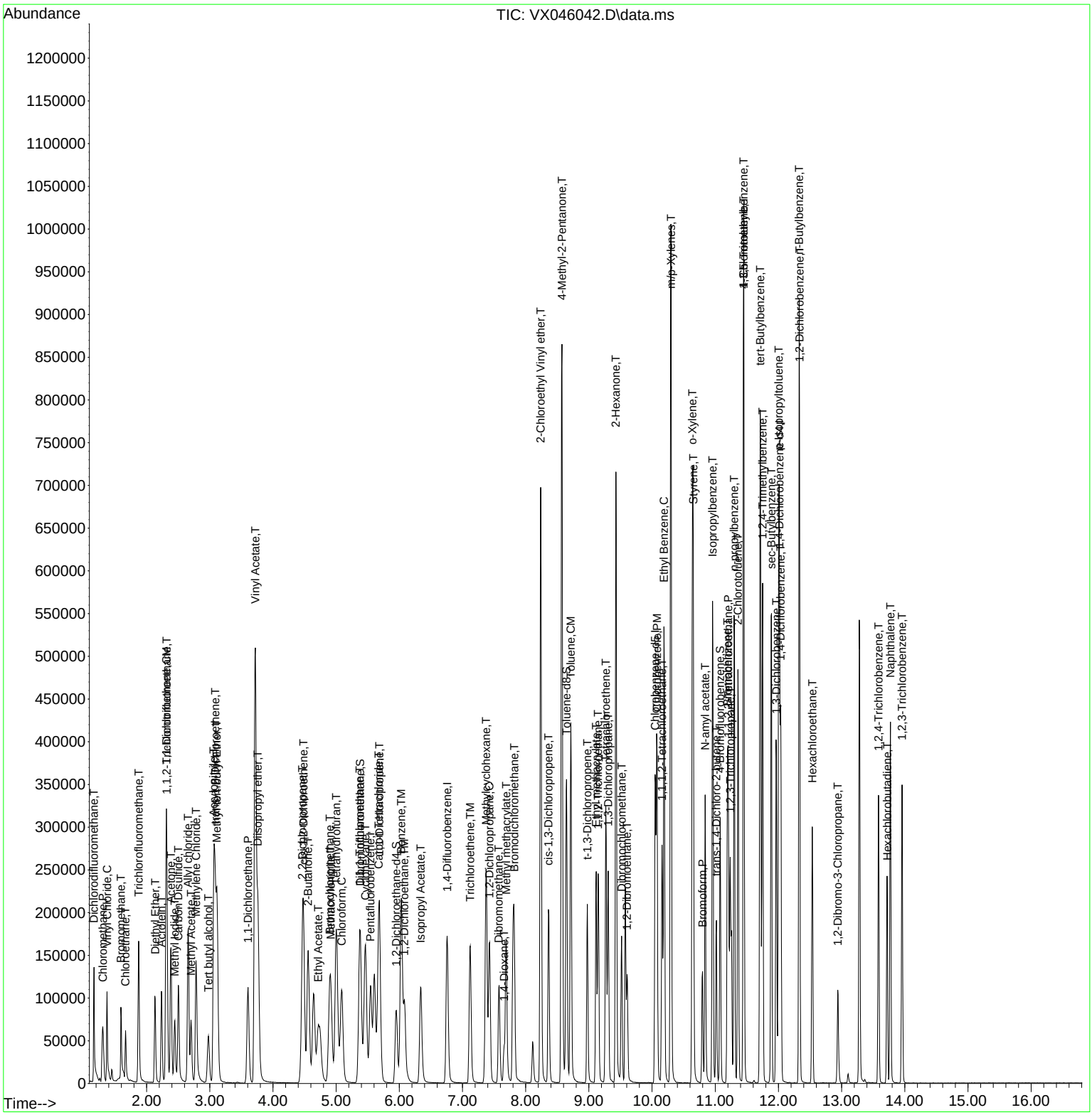
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161877	62.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.060%#			
35) Dibromofluoromethane	5.379	113	111455	65.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 130.020%#			
50) Toluene-d8	8.647	98	387230	67.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 134.060%#			
62) 4-Bromofluorobenzene	11.079	95	153085	72.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 145.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	149508	77.828	ug/l	99
3) Chloromethane	1.307	50	136937	72.392	ug/l	98
4) Vinyl Chloride	1.374	62	126609	76.398	ug/l	98
5) Bromomethane	1.593	94	59246	70.507	ug/l	99
6) Chloroethane	1.660	64	57332	67.148	ug/l	99
7) Trichlorofluoromethane	1.867	101	171042	67.754	ug/l	99
8) Diethyl Ether	2.136	74	58762	70.807	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	109520	72.604	ug/l	99
10) Methyl Iodide	2.440	142	138045	77.943	ug/l	100
11) Tert butyl alcohol	2.995	59	125094	405.394	ug/l	100
12) 1,1-Dichloroethene	2.306	96	105566	71.884	ug/l	96
13) Acrolein	2.239	56	134456	375.132	ug/l	99
14) Allyl chloride	2.660	41	206519	74.419	ug/l	98
15) Acrylonitrile	3.068	53	331142	358.723	ug/l	97
16) Acetone	2.386	43	314383	354.936	ug/l	98
17) Carbon Disulfide	2.501	76	264956	77.867	ug/l	100
18) Methyl Acetate	2.703	43	147014	69.531	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	378113	73.818	ug/l	100
20) Methylene Chloride	2.782	84	120270	67.030	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	106606	71.109	ug/l	99
22) Diisopropyl ether	3.763	45	399494	77.048	ug/l	90
23) Vinyl Acetate	3.721	43	1811550	395.363	ug/l	100
24) 1,1-Dichloroethane	3.605	63	219759	72.114	ug/l	99
25) 2-Butanone	4.556	43	485448	379.704	ug/l	100
26) 2,2-Dichloropropane	4.464	77	174579	75.621	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	128454	71.056	ug/l	99
28) Bromochloromethane	4.891	49	103602	63.932	ug/l	100
29) Tetrahydrofuran	5.001	42	305757	368.234	ug/l	99
30) Chloroform	5.086	83	222253	70.180	ug/l	95
31) Cyclohexane	5.458	56	196302	76.428	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	201112	73.635	ug/l	98
36) 1,1-Dichloropropene	5.690	75	147873	74.285	ug/l	99
37) Ethyl Acetate	4.714	43	186215	74.565	ug/l	99
38) Carbon Tetrachloride	5.672	117	168946	73.875	ug/l	99
39) Methylcyclohexane	7.372	83	191941	76.952	ug/l	96
40) Benzene	6.031	78	440885	71.457	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	104863	75.574	ug/l		98
42) 1,2-Dichloroethane	6.080	62	187036	73.318	ug/l		99
43) Isopropyl Acetate	6.342	43	300491	78.714	ug/l		100
44) Trichloroethene	7.123	130	105628	72.420	ug/l		98
45) 1,2-Dichloropropane	7.427	63	112554	73.420	ug/l		100
46) Dibromomethane	7.574	93	85728	70.938	ug/l		100
47) Bromodichloromethane	7.818	83	175301	74.845	ug/l		99
48) Methyl methacrylate	7.689	41	153093	78.101	ug/l		99
49) 1,4-Dioxane	7.659	88	57313	1470.687	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	963319	384.740	ug/l		100
52) Toluene	8.714	92	270763	74.010	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	169863	86.372	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	184134	80.264	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	107264	72.543	ug/l		99
56) Ethyl methacrylate	9.116	69	188717	82.359	ug/l		99
57) 1,3-Dichloropropane	9.305	76	187649	71.590	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	463169	449.791	ug/l		100
59) 2-Hexanone	9.433	43	729602	383.945	ug/l		100
60) Dibromochloromethane	9.518	129	127012	78.918	ug/l		98
61) 1,2-Dibromoethane	9.610	107	112669	74.200	ug/l		98
64) Tetrachloroethene	9.268	164	93195	67.493	ug/l		96
65) Chlorobenzene	10.079	112	293284	70.490	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	103177	74.349	ug/l		99
67) Ethyl Benzene	10.189	91	535122	75.444	ug/l		99
68) m/p-Xylenes	10.299	106	389935	152.181	ug/l		99
69) o-Xylene	10.640	106	190833	73.890	ug/l		97
70) Styrene	10.652	104	328195	79.411	ug/l		100
71) Bromoform	10.799	173	84353	80.927	ug/l	#	98
73) Isopropylbenzene	10.957	105	514528	71.083	ug/l		100
74) N-amyl acetate	10.841	43	274553	76.073	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	170481	66.207	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	150182m	54.277	ug/l		
77) Bromobenzene	11.195	156	117151	69.959	ug/l		99
78) n-propylbenzene	11.305	91	608332	74.974	ug/l		100
79) 2-Chlorotoluene	11.360	91	372392	68.100	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	432096	71.903	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	54398	81.820	ug/l		93
82) 4-Chlorotoluene	11.451	91	432053	71.890	ug/l		100
83) tert-Butylbenzene	11.713	119	432011	73.197	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	442728	73.758	ug/l		100
85) sec-Butylbenzene	11.890	105	543597	74.188	ug/l		100
86) p-Isopropyltoluene	12.006	119	457898	77.393	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	219753	70.449	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	217613	71.190	ug/l		99
89) n-Butylbenzene	12.329	91	416602	80.996	ug/l		100
90) Hexachloroethane	12.536	117	82528	74.978	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	216834	71.367	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43673	74.512	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	137430	82.605	ug/l		98
94) Hexachlorobutadiene	13.725	225	55494	71.314	ug/l		98
95) Naphthalene	13.774	128	489778	80.842	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	139525	79.981	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

ICAL Form

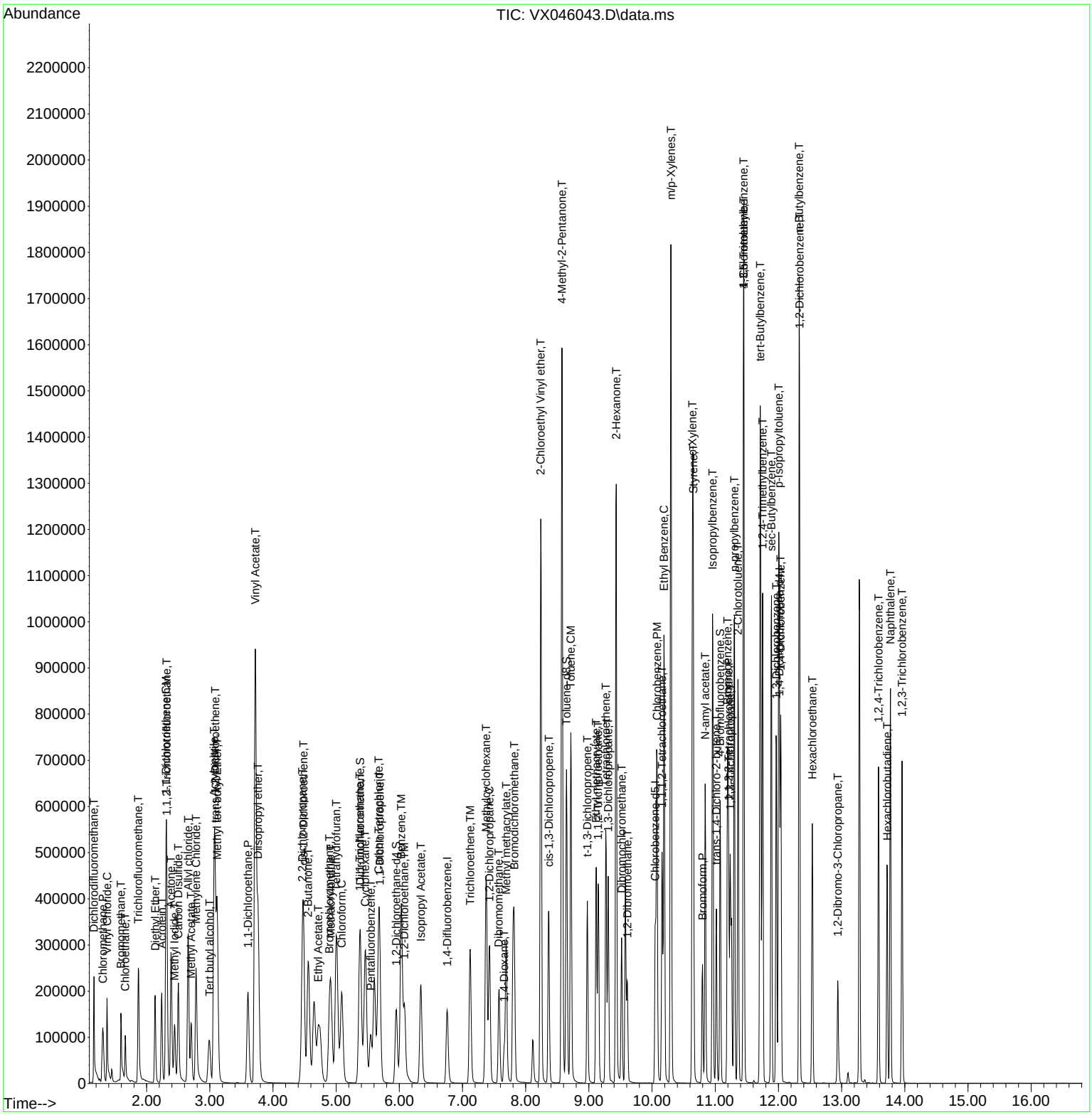
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60345	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	231952	93.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 187.960%#			
35) Dibromofluoromethane	5.385	113	160168	98.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.120%#			
50) Toluene-d8	8.647	98	554390	101.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.500%#			
62) 4-Bromofluorobenzene	11.079	95	217536	109.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 218.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	217793	118.929	ug/l	98
3) Chloromethane	1.307	50	196843	109.161	ug/l	99
4) Vinyl Chloride	1.374	62	187924	118.953	ug/l	100
5) Bromomethane	1.593	94	83008	103.625	ug/l	95
6) Chloroethane	1.660	64	78806	96.822	ug/l	98
7) Trichlorofluoromethane	1.868	101	245108	101.851	ug/l	97
8) Diethyl Ether	2.136	74	88441	111.791	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	161404	112.243	ug/l	99
10) Methyl Iodide	2.441	142	189843	112.441	ug/l	100
11) Tert butyl alcohol	3.002	59	181238	616.119	ug/l	100
12) 1,1-Dichloroethene	2.307	96	155451	111.039	ug/l	99
13) Acrolein	2.239	56	203257	594.872	ug/l	98
14) Allyl chloride	2.654	41	297776	112.561	ug/l	98
15) Acrylonitrile	3.069	53	484854	550.973	ug/l	98
16) Acetone	2.392	43	460820	545.754	ug/l	98
17) Carbon Disulfide	2.502	76	397353	122.499	ug/l	100
18) Methyl Acetate	2.709	43	217885	108.099	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	557210	114.112	ug/l	100
20) Methylene Chloride	2.782	84	172035	100.579	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	154694	108.241	ug/l	96
22) Diisopropyl ether	3.764	45	577610	116.858	ug/l	90
23) Vinyl Acetate	3.721	43	2655751	608.005	ug/l	100
24) 1,1-Dichloroethane	3.605	63	320083	110.182	ug/l	99
25) 2-Butanone	4.562	43	708463	581.292	ug/l	98
26) 2,2-Dichloropropane	4.471	77	258698	117.548	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	187835	108.994	ug/l	99
28) Bromochloromethane	4.898	49	146923	95.108	ug/l	100
29) Tetrahydrofuran	5.007	42	450456	569.081	ug/l	99
30) Chloroform	5.087	83	323659	107.208	ug/l	95
31) Cyclohexane	5.458	56	286312	116.934	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	295702	113.572	ug/l	98
36) 1,1-Dichloropropene	5.684	75	219731	116.462	ug/l	99
37) Ethyl Acetate	4.715	43	274312	115.889	ug/l	99
38) Carbon Tetrachloride	5.666	117	250916	115.760	ug/l	99
39) Methylcyclohexane	7.373	83	286311	121.107	ug/l	97
40) Benzene	6.031	78	642178	109.813	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	151424	115.139	ug/l		98
42) 1,2-Dichloroethane	6.080	62	271992	112.492	ug/l		99
43) Isopropyl Acetate	6.342	43	447871	123.780	ug/l		100
44) Trichloroethene	7.117	130	157641	114.032	ug/l		96
45) 1,2-Dichloropropane	7.428	63	164505	113.217	ug/l		99
46) Dibromomethane	7.574	93	125846	109.869	ug/l		100
47) Bromodichloromethane	7.818	83	258326	116.365	ug/l		98
48) Methyl methacrylate	7.690	41	231040	124.356	ug/l		99
49) 1,4-Dioxane	7.665	88	82800	2241.695	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	1371275	577.831	ug/l		100
52) Toluene	8.714	92	393323	113.430	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	257233	138.001	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	271054	124.658	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	154932	110.551	ug/l		97
56) Ethyl methacrylate	9.116	69	277921	127.968	ug/l		99
57) 1,3-Dichloropropane	9.305	76	272814	109.813	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	680608	697.344	ug/l		100
59) 2-Hexanone	9.433	43	1028597	571.094	ug/l		99
60) Dibromochloromethane	9.519	129	187497	122.915	ug/l		98
61) 1,2-Dibromoethane	9.604	107	165634	115.087	ug/l		97
64) Tetrachloroethene	9.269	164	132488	100.918	ug/l		96
65) Chlorobenzene	10.080	112	429656	108.615	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	152173	115.333	ug/l		99
67) Ethyl Benzene	10.189	91	785121	116.421	ug/l		99
68) m/p-Xylenes	10.299	106	570913	234.349	ug/l		100
69) o-Xylene	10.640	106	279906	113.990	ug/l		99
70) Styrene	10.653	104	474254	120.694	ug/l		99
71) Bromoform	10.799	173	125986	127.128	ug/l	#	99
73) Isopropylbenzene	10.957	105	752337	114.312	ug/l		99
74) N-amyl acetate	10.842	43	396877	120.944	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	243532	104.018	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	213744m	84.960	ug/l		
77) Bromobenzene	11.195	156	167934	110.297	ug/l		99
78) n-propylbenzene	11.305	91	881218	119.448	ug/l		100
79) 2-Chlorotoluene	11.360	91	534560	107.514	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	616477	112.825	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	81372	134.609	ug/l		93
82) 4-Chlorotoluene	11.451	91	611736	111.948	ug/l		100
83) tert-Butylbenzene	11.713	119	617473	115.065	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	623456	114.236	ug/l		99
85) sec-Butylbenzene	11.890	105	786293	118.023	ug/l		99
86) p-Isopropyltoluene	12.006	119	651531	121.113	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	313100	110.394	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	311752	112.167	ug/l		100
89) n-Butylbenzene	12.329	91	605783	129.533	ug/l		100
90) Hexachloroethane	12.536	117	123188	123.091	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	308039	111.506	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64438	120.915	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	203255	134.366	ug/l		98
94) Hexachlorobutadiene	13.719	225	80558	113.857	ug/l		99
95) Naphthalene	13.774	128	721236	130.929	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	200379	126.331	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

ICAL Form

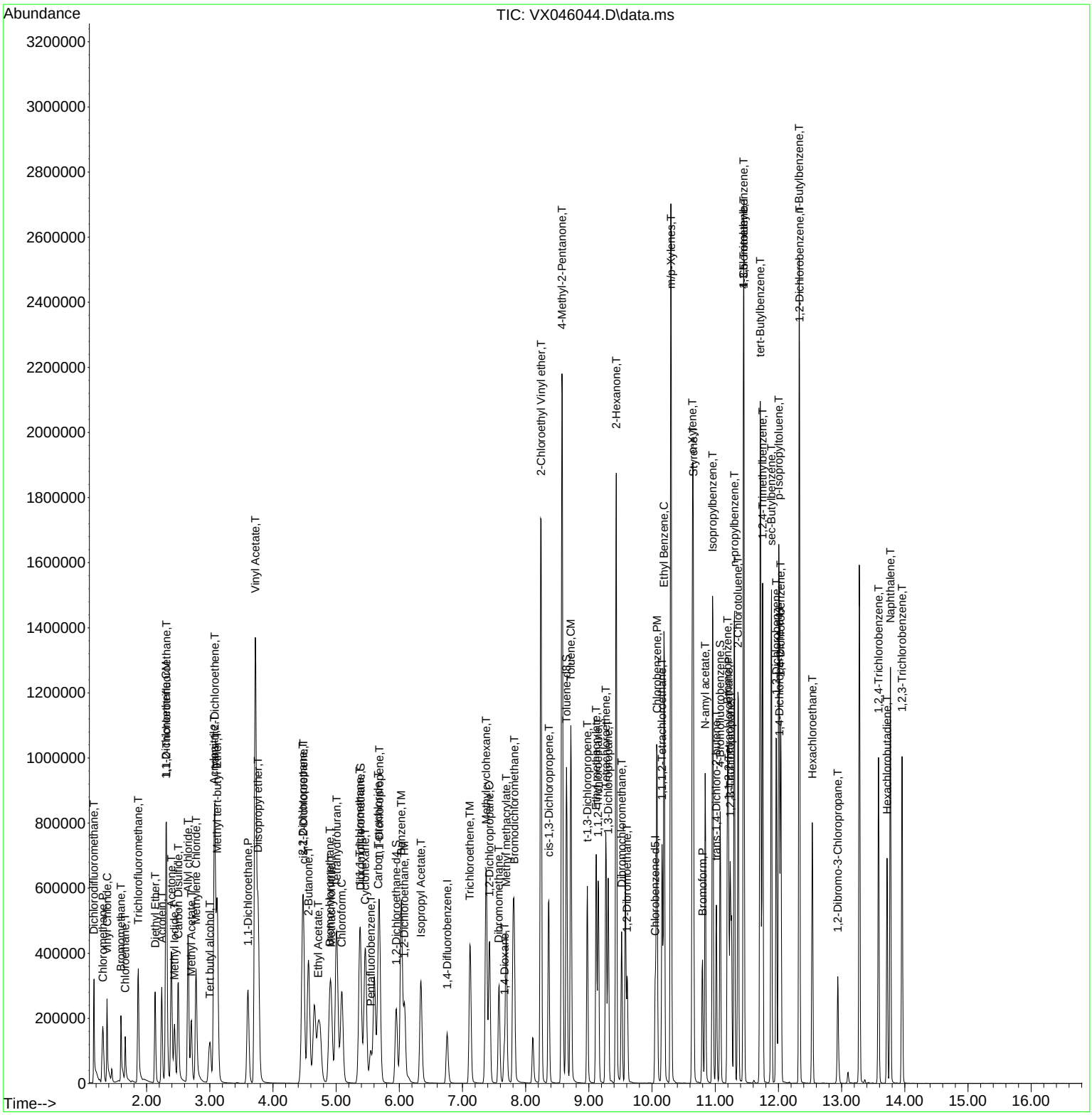
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	96964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	9067	3.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	6.280%#		
35) Dibromofluoromethane	5.373	113	5969	3.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	6.320%#		
50) Toluene-d8	8.647	98	20566	3.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.460%#		
62) 4-Bromofluorobenzene	11.079	95	7822	3.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	6.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6195	2.894	ug/l	95
3) Chloromethane	1.307	50	6587	3.125	ug/l	99
4) Vinyl Chloride	1.374	62	5999	3.249	ug/l	96
5) Bromomethane	1.593	94	2962	3.164	ug/l	88
6) Chloroethane	1.666	64	3567	3.750	ug/l	94
7) Trichlorofluoromethane	1.874	101	9599	3.413	ug/l	88
8) Diethyl Ether	2.130	74	3020	3.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5911	3.517	ug/l	99
10) Methyl Iodide	2.441	142	5900	2.990	ug/l	99
11) Tert butyl alcohol	2.965	59	5539	16.111	ug/l	98
12) 1,1-Dichloroethene	2.306	96	5496	3.359	ug/l	97
13) Acrolein	2.233	56	5673	14.206	ug/l	95
14) Allyl chloride	2.654	41	10262	3.319	ug/l	98
15) Acrylonitrile	3.062	53	16746	16.282	ug/l	97
16) Acetone	2.380	43	19773	20.036	ug/l	98
17) Carbon Disulfide	2.501	76	11068	2.919	ug/l	96
18) Methyl Acetate	2.703	43	7909	3.357	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18497	3.241	ug/l	97
20) Methylene Chloride	2.782	84	6680	3.341	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	5402	3.234	ug/l	100
22) Diisopropyl ether	3.751	45	18657	3.230	ug/l #	65
23) Vinyl Acetate	3.715	43	82328	16.127	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11193	3.297	ug/l	99
25) 2-Butanone	4.562	43	26125	18.340	ug/l	98
26) 2,2-Dichloropropane	4.465	77	8245	3.205	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6222	3.089	ug/l	95
28) Bromochloromethane	4.891	49	5360	2.969	ug/l #	100
29) Tetrahydrofuran	5.001	42	15431	16.680	ug/l	98
30) Chloroform	5.080	83	11624	3.294	ug/l	89
31) Cyclohexane	5.458	56	10269	3.588	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	9827	3.229	ug/l	97
36) 1,1-Dichloropropene	5.678	75	7787	3.551	ug/l	98
37) Ethyl Acetate	4.721	43	9806m	3.565	ug/l	
38) Carbon Tetrachloride	5.659	117	8505	3.376	ug/l	97
39) Methylcyclohexane	7.373	83	9882	3.597	ug/l	93
40) Benzene	6.031	78	22528	3.315	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	4851	3.174	ug/l	#	65
42) 1,2-Dichloroethane	6.080	62	10011	3.563	ug/l		100
43) Isopropyl Acetate	6.348	43	13914	3.309	ug/l		96
44) Trichloroethene	7.123	130	5313	3.307	ug/l		94
45) 1,2-Dichloropropane	7.427	63	5451	3.228	ug/l	#	89
46) Dibromomethane	7.580	93	4417	3.318	ug/l		98
47) Bromodichloromethane	7.818	83	8394	3.254	ug/l		98
48) Methyl methacrylate	7.696	41	7171	3.321	ug/l		97
49) 1,4-Dioxane	7.659	88	2907	67.721	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	46794	16.967	ug/l		98
52) Toluene	8.714	92	14126	3.505	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	6834	3.155	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	7908	3.129	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	5685	3.490	ug/l		98
56) Ethyl methacrylate	9.116	69	8555	3.390	ug/l		98
57) 1,3-Dichloropropane	9.305	76	10127	3.508	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.238	63	20809	18.346	ug/l		99
59) 2-Hexanone	9.427	43	34853	16.651	ug/l		97
60) Dibromochloromethane	9.518	129	5500	3.102	ug/l		98
61) 1,2-Dibromoethane	9.604	107	5614	3.356	ug/l		99
64) Tetrachloroethene	9.269	164	4752	3.162	ug/l		96
65) Chlorobenzene	10.079	112	15391	3.399	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	5024	3.326	ug/l		99
67) Ethyl Benzene	10.195	91	26732	3.463	ug/l		99
68) m/p-Xylenes	10.299	106	19957	7.156	ug/l		98
69) o-Xylene	10.640	106	9398	3.343	ug/l		95
70) Styrene	10.652	104	14900	3.312	ug/l		99
71) Bromoform	10.799	173	3470	3.059	ug/l	#	99
73) Isopropylbenzene	10.957	105	24201	3.266	ug/l		98
74) N-amyl acetate	10.841	43	11224	3.038	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.207	83	9170	3.479	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	7928m	2.799	ug/l		
77) Bromobenzene	11.195	156	5857	3.417	ug/l		96
78) n-propylbenzene	11.299	91	28436	3.424	ug/l		100
79) 2-Chlorotoluene	11.360	91	18672	3.336	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	20742	3.372	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	1828	2.686	ug/l		99
82) 4-Chlorotoluene	11.451	91	19966	3.245	ug/l		98
83) tert-Butylbenzene	11.713	119	21049	3.484	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	20613	3.355	ug/l		97
85) sec-Butylbenzene	11.890	105	25590	3.412	ug/l		99
86) p-Isopropyltoluene	12.006	119	20955	3.460	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10585	3.315	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	10908	3.486	ug/l		90
89) n-Butylbenzene	12.329	91	18004	3.419	ug/l		94
90) Hexachloroethane	12.536	117	3553	3.153	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	10712	3.444	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1687	2.812	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	5720	3.359	ug/l		96
94) Hexachlorobutadiene	13.719	225	2816	3.535	ug/l		96
95) Naphthalene	13.774	128	19902	3.209	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	5745	3.217	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

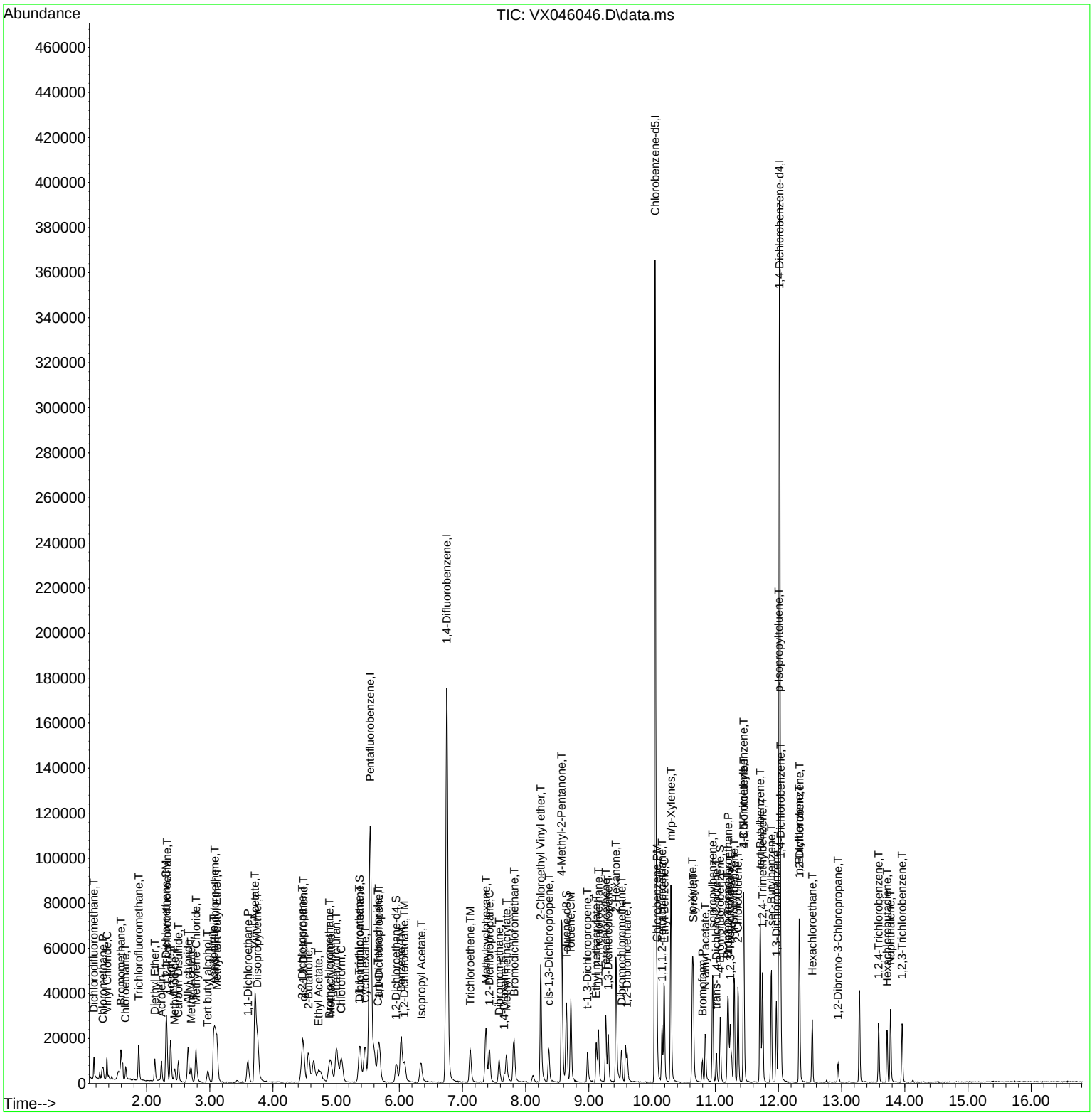
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	92040	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	167022	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	140108	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59123	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	1211	0.596	ug/l		98
3) Chloromethane	1.307	50	1278	0.639	ug/l		97
4) Vinyl Chloride	1.374	62	1239	0.707	ug/l	#	82
6) Chloroethane	1.678	64	859	0.951	ug/l		91
7) Trichlorofluoromethane	1.880	101	1959	0.734	ug/l		95
8) Diethyl Ether	2.130	74	742	0.845	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.319	101	1166	0.731	ug/l		96
12) 1,1-Dichloroethene	2.313	96	1093	0.704	ug/l	#	87
14) Allyl chloride	2.654	41	1936	0.660	ug/l		89
15) Acrylonitrile	3.075	53	3343	3.424	ug/l		98
16) Acetone	2.380	43	3500	3.736	ug/l		97
17) Carbon Disulfide	2.508	76	2619	0.728	ug/l		98
18) Methyl Acetate	2.709	43	1852	0.828	ug/l		98
19) Methyl tert-butyl Ether	3.117	73	3588	0.662	ug/l		96
20) Methylene Chloride	2.782	84	1571	0.828	ug/l	#	90
21) trans-1,2-Dichloroethene	3.081	96	1111	0.701	ug/l	#	71
22) Diisopropyl ether	3.757	45	3857	0.703	ug/l	#	26
23) Vinyl Acetate	3.727	43	15283	3.154	ug/l		96
24) 1,1-Dichloroethane	3.605	63	2054	0.637	ug/l		97
25) 2-Butanone	4.593	43	4558	3.371	ug/l		92
26) 2,2-Dichloropropane	4.458	77	1777	0.728	ug/l		84
27) cis-1,2-Dichloroethene	4.483	96	1324	0.693	ug/l		91
28) Bromochloromethane	4.910	49	1061m	0.619	ug/l		
29) Tetrahydrofuran	5.019	42	2931	3.338	ug/l		99
30) Chloroform	5.093	83	2328	0.695	ug/l		98
32) 1,1,1-Trichloroethane	5.379	97	1869	0.647	ug/l	#	51
36) 1,1-Dichloropropene	5.684	75	1648	0.758	ug/l	#	83
37) Ethyl Acetate	4.733	43	1956m	0.717	ug/l		
38) Carbon Tetrachloride	5.678	117	1807	0.724	ug/l	#	78
39) Methylcyclohexane	7.373	83	2096	0.770	ug/l		97
40) Benzene	6.044	78	4502	0.668	ug/l	#	89
41) Methacrylonitrile	4.946	41	778	0.513	ug/l	#	56
42) 1,2-Dichloroethane	6.092	62	1934	0.694	ug/l		81
43) Isopropyl Acetate	6.354	43	2553	0.612	ug/l	#	81
44) Trichloroethene	7.135	130	1083	0.680	ug/l		85
45) 1,2-Dichloropropane	7.440	63	1059	0.633	ug/l		89

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	880	0.667	ug/l		97
47) Bromodichloromethane	7.818	83	1620	0.633	ug/l	#	91
48) Methyl methacrylate	7.714	41	1235m	0.577	ug/l		
49) 1,4-Dioxane	7.677	88	498	11.703	ug/l	#	66
51) 4-Methyl-2-Pentanone	8.580	43	9378	3.430	ug/l		97
52) Toluene	8.720	92	2684	0.672	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1238	0.576	ug/l	#	79
54) cis-1,3-Dichloropropene	8.379	75	1414	0.564	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	1029	0.637	ug/l		92
56) Ethyl methacrylate	9.128	69	1260	0.504	ug/l	#	76
57) 1,3-Dichloropropane	9.311	76	2036	0.711	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	3846	3.420	ug/l		94
59) 2-Hexanone	9.439	43	6424	3.096	ug/l		88
60) Dibromochloromethane	9.525	129	1023	0.582	ug/l		93
61) 1,2-Dibromoethane	9.610	107	1077	0.650	ug/l		98
64) Tetrachloroethene	9.275	164	972	0.679	ug/l		95
65) Chlorobenzene	10.079	112	3170	0.735	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	1035	0.720	ug/l	#	67
67) Ethyl Benzene	10.195	91	5052	0.687	ug/l		94
68) m/p-Xylenes	10.299	106	3630	1.367	ug/l		97
69) o-Xylene	10.640	106	1799	0.672	ug/l		94
70) Styrene	10.659	104	2664	0.622	ug/l		98
71) Bromoform	10.799	173	657	0.608	ug/l	#	100
73) Isopropylbenzene	10.963	105	4480	0.695	ug/l		96
74) N-amyl acetate	10.854	43	2028	0.631	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1835	0.800	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1661m	0.674	ug/l		
77) Bromobenzene	11.201	156	1095	0.734	ug/l		96
78) n-propylbenzene	11.305	91	5052	0.699	ug/l		97
79) 2-Chlorotoluene	11.360	91	3765	0.773	ug/l		94
80) 1,3,5-Trimethylbenzene	11.451	105	3590	0.671	ug/l		96
82) 4-Chlorotoluene	11.457	91	3815	0.713	ug/l		97
83) tert-Butylbenzene	11.713	119	3951	0.751	ug/l		97
84) 1,2,4-Trimethylbenzene	11.756	105	3725	0.697	ug/l		97
85) sec-Butylbenzene	11.890	105	4385	0.672	ug/l		100
86) p-Isopropyltoluene	12.006	119	3577	0.679	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	1914	0.689	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	2149m	0.789	ug/l		
89) n-Butylbenzene	12.335	91	2889	0.631	ug/l		92
90) Hexachloroethane	12.536	117	604	0.616	ug/l		99
91) 1,2-Dichlorobenzene	12.341	146	2022	0.747	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	306	0.586	ug/l		83
93) 1,2,4-Trichlorobenzene	13.591	180	1019	0.688	ug/l		94
94) Hexachlorobutadiene	13.725	225	465	0.671	ug/l		89
95) Naphthalene	13.780	128	4138	0.767	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.716	ug/l		96

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

ICAL Form

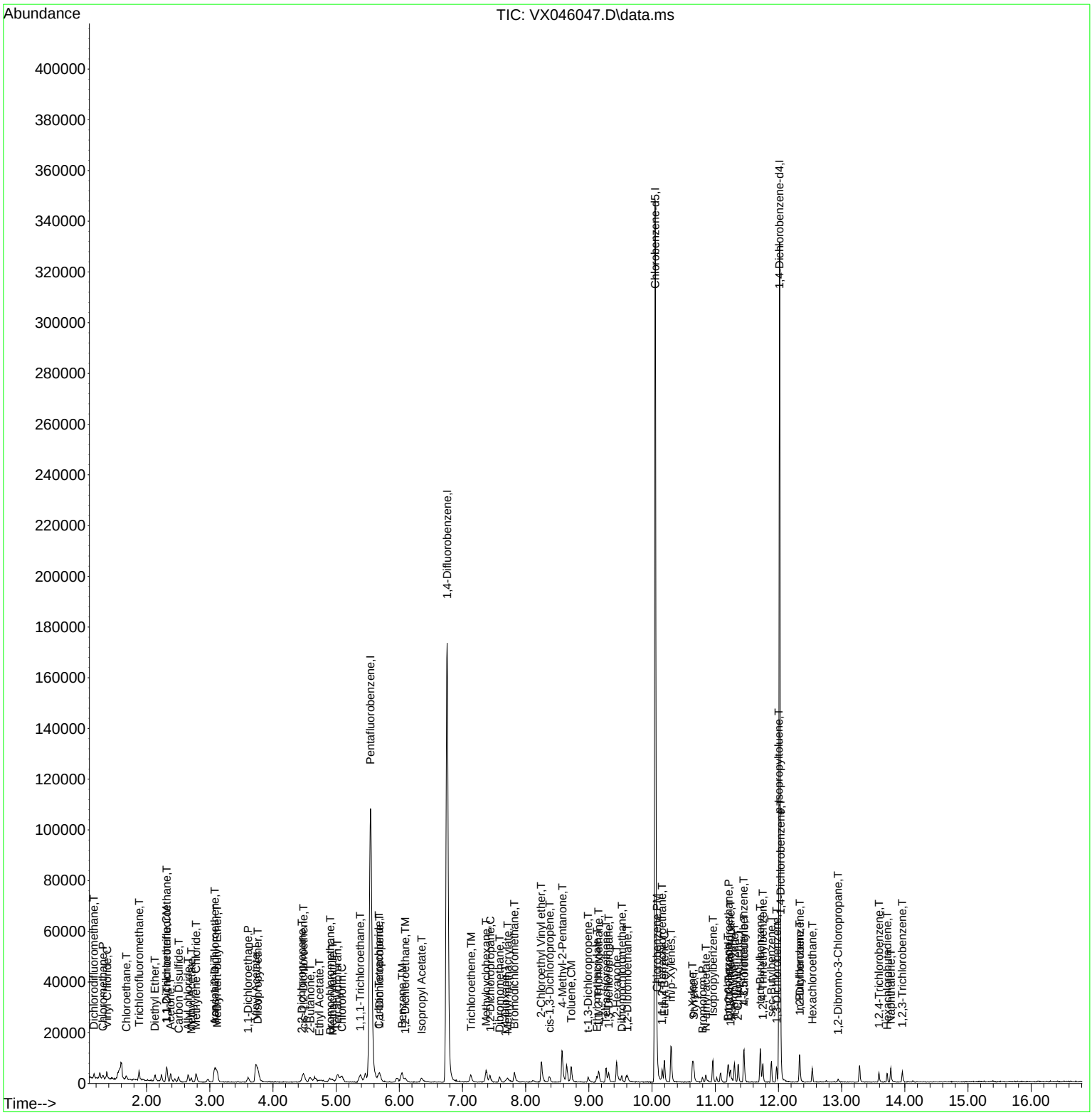
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83733	48.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.020%			
35) Dibromofluoromethane	5.379	113	58192	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.647	98	198575	48.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	75568	48.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	78783	55.594	ug/l	99
3) Chloromethane	1.307	50	72275	52.592	ug/l	100
4) Vinyl Chloride	1.374	62	65994	51.598	ug/l	98
5) Bromomethane	1.593	94	30033	50.627	ug/l	97
6) Chloroethane	1.666	64	35690	52.271	ug/l	94
7) Trichlorofluoromethane	1.874	101	99352	52.560	ug/l	99
8) Diethyl Ether	2.130	74	31875	49.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59451	50.822	ug/l	99
10) Methyl Iodide	2.447	142	73940	53.419	ug/l	99
11) Tert butyl alcohol	2.977	59	61065	252.025	ug/l	99
12) 1,1-Dichloroethene	2.313	96	56097	51.097	ug/l	98
13) Acrolein	2.233	56	64157	232.505	ug/l	99
14) Allyl chloride	2.660	41	108757	51.833	ug/l	100
15) Acrylonitrile	3.063	53	181808	262.412	ug/l	99
16) Acetone	2.380	43	169923	245.518	ug/l	98
17) Carbon Disulfide	2.502	76	132695	50.981	ug/l	99
18) Methyl Acetate	2.703	43	80251	49.968	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	195442	50.777	ug/l	99
20) Methylene Chloride	2.782	84	63369	47.779	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	55770	50.513	ug/l	99
22) Diisopropyl ether	3.757	45	209946	51.800	ug/l	97
23) Vinyl Acetate	3.715	43	946746	265.585	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114733	50.825	ug/l	98
25) 2-Butanone	4.556	43	258339	257.110	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88229	49.934	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67727	50.956	ug/l	100
28) Bromochloromethane	4.891	49	55390	50.975	ug/l	98
29) Tetrahydrofuran	5.001	42	163675	259.958	ug/l	99
30) Chloroform	5.093	83	120782	51.332	ug/l	97
31) Cyclohexane	5.458	56	103158	50.147	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	104243	51.108	ug/l	100
36) 1,1-Dichloropropene	5.690	75	77931	49.521	ug/l	99
37) Ethyl Acetate	4.715	43	98604	50.714	ug/l	100
38) Carbon Tetrachloride	5.666	117	88100	49.825	ug/l	97
39) Methylcyclohexane	7.373	83	100808	49.757	ug/l	98
40) Benzene	6.031	78	233977	50.759	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	56017	55.076	ug/l		100
42) 1,2-Dichloroethane	6.080	62	101185	50.861	ug/l		98
43) Isopropyl Acetate	6.336	43	154818	52.195	ug/l		99
44) Trichloroethene	7.123	130	55491	50.018	ug/l		100
45) 1,2-Dichloropropane	7.428	63	59582	51.983	ug/l		98
46) Dibromomethane	7.580	93	45181	49.978	ug/l		99
47) Bromodichloromethane	7.818	83	92388	51.889	ug/l		100
48) Methyl methacrylate	7.690	41	82144	54.226	ug/l		98
49) 1,4-Dioxane	7.659	88	30477	1059.599	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	510206	259.133	ug/l		100
52) Toluene	8.714	92	144574	51.150	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	83751	52.920	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	92517	52.892	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	56713	50.887	ug/l		96
56) Ethyl methacrylate	9.116	69	95772	53.918	ug/l		99
57) 1,3-Dichloropropane	9.305	76	99663	49.793	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.238	63	240681	265.780	ug/l		99
59) 2-Hexanone	9.427	43	390701	268.218	ug/l		100
60) Dibromochloromethane	9.519	129	63738	52.075	ug/l		99
61) 1,2-Dibromoethane	9.610	107	59134	51.050	ug/l		98
64) Tetrachloroethene	9.269	164	48034	46.795	ug/l		98
65) Chlorobenzene	10.073	112	154640	48.699	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53735	49.557	ug/l		100
67) Ethyl Benzene	10.189	91	281239	50.245	ug/l		100
68) m/p-Xylenes	10.299	106	206813	101.022	ug/l		99
69) o-Xylene	10.640	106	101469	50.841	ug/l		99
70) Styrene	10.653	104	169703	51.907	ug/l		99
71) Bromoform	10.799	173	40364	49.583	ug/l	#	97
73) Isopropylbenzene	10.957	105	269484	50.733	ug/l		100
74) N-amyl acetate	10.842	43	137559	52.407	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89027	47.827	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	79763m	48.568	ug/l		
77) Bromobenzene	11.195	156	59871	48.549	ug/l		98
78) n-propylbenzene	11.299	91	312285	50.562	ug/l		100
79) 2-Chlorotoluene	11.360	91	195630	49.107	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	228538	51.500	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24857	49.276	ug/l		98
82) 4-Chlorotoluene	11.451	91	223811	50.661	ug/l		100
83) tert-Butylbenzene	11.713	119	225783	50.511	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	231371	51.485	ug/l		100
85) sec-Butylbenzene	11.890	105	280578	51.122	ug/l		99
86) p-Isopropyltoluene	12.006	119	231942	51.198	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	113146	50.272	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	111173	48.368	ug/l		99
89) n-Butylbenzene	12.329	91	205858	51.804	ug/l		100
90) Hexachloroethane	12.536	117	39823	49.895	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	111482	49.361	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21220	51.458	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	64421	49.662	ug/l		100
94) Hexachlorobutadiene	13.719	225	27425	48.408	ug/l		98
95) Naphthalene	13.774	128	239805	50.404	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	64950	48.525	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

ICAL Form

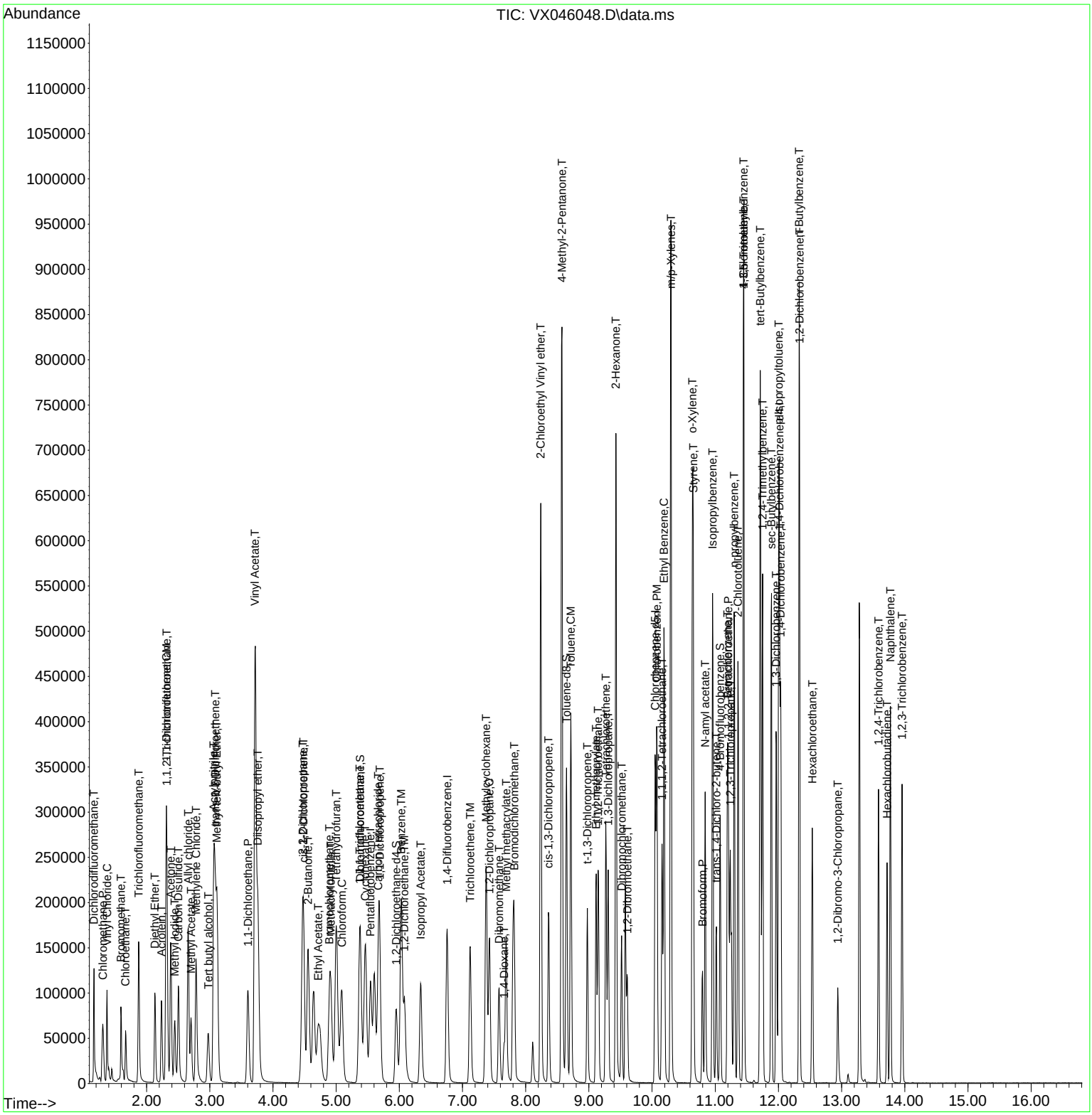
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2	T	Dichlorodifluoromethane	0.765	0.851	-11.2	94	0.00
3	P	Chloromethane	0.742	0.781	-5.3	96	0.00
4	C	Vinyl Chloride	0.691	0.713	-3.2#	96	0.00
5	T	Bromomethane	0.320	0.324	-1.3	95	0.00
6	T	Chloroethane	0.369	0.385	-4.3	97	0.00
7	T	Trichlorofluoromethane	1.021	1.073	-5.1	96	0.00
8	T	Diethyl Ether	0.347	0.344	0.9	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.632	0.642	-1.6	96	0.00
10	T	Methyl Iodide	0.747	0.799	-7.0	94	0.00
11	T	Tert butyl alcohol	0.131	0.132	-0.8	98	0.00
12	CM	1,1-Dichloroethene	0.593	0.606	-2.2#	96	0.00
13	T	Acrolein	0.149	0.139	6.7	87	0.00
14	T	Allyl chloride	1.133	1.175	-3.7	95	0.00
15	T	Acrylonitrile	0.374	0.393	-5.1	97	0.00
16	T	Acetone	0.374	0.367	1.9	97	0.00
17	T	Carbon Disulfide	1.406	1.433	-1.9	94	0.00
18	T	Methyl Acetate	0.867	0.867	0.0	97	0.00
19	T	Methyl tert-butyl Ether	2.079	2.111	-1.5	93	0.00
20	T	Methylene Chloride	0.716	0.684	4.5	95	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.602	-1.0	94	0.00
22	T	Diisopropyl ether	2.189	2.268	-3.6	95	0.00
23	T	Vinyl Acetate	1.925	2.045	-6.2	95	0.00
24	P	1,1-Dichloroethane	1.219	1.239	-1.6	94	0.00
25	T	2-Butanone	0.543	0.558	-2.8	96	0.00
26	T	2,2-Dichloropropane	0.954	0.953	0.1	95	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.731	-1.8	95	0.00
28	T	Bromochloromethane	0.587	0.598	-1.9	99	0.00
29	T	Tetrahydrofuran	0.340	0.354	-4.1	96	0.00
30	C	Chloroform	1.271	1.305	-2.7#	96	0.00
31	T	Cyclohexane	1.111	1.114	-0.3	94	0.00
32	T	1,1,1-Trichloroethane	1.101	1.126	-2.3	95	0.00
33	S	1,2-Dichloroethane-d4	0.932	0.904	3.0	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.360	0.358	0.6	98	0.00
36	T	1,1-Dichloropropene	0.484	0.479	1.0	94	0.00
37	T	Ethyl Acetate	0.598	0.606	-1.3	96	0.00
38	T	Carbon Tetrachloride	0.544	0.542	0.4	94	0.00
39	T	Methylcyclohexane	0.623	0.620	0.5	94	0.00
40	TM	Benzene	1.417	1.439	-1.6	95	0.00
41	T	Methacrylonitrile	0.313	0.344	-9.9	96	0.00
42	TM	1,2-Dichloroethane	0.612	0.622	-1.6	96	0.00
43	T	Isopropyl Acetate	0.912	0.952	-4.4	96	0.00
44	TM	Trichloroethene	0.341	0.341	0.0	93	0.00
45	C	1,2-Dichloropropane	0.352	0.366	-4.0#	96	0.00
46	T	Dibromomethane	0.278	0.278	0.0	94	0.00
47	T	Bromodichloromethane	0.547	0.568	-3.8	95	0.00
48	T	Methyl methacrylate	0.466	0.505	-8.4	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.009	0.009	0.0	100	0.00
50	S	Toluene-d8	1.246	1.221	2.0	97	0.00
51	T	4-Methyl-2-Pentanone	0.605	0.627	-3.6	96	0.00
52	CM	Toluene	0.869	0.889	-2.3#	96	0.00
53	T	t-1,3-Dichloropropene	0.487	0.515	-5.7	94	0.00
54	T	cis-1,3-Dichloropropene	0.538	0.569	-5.8	95	0.00
55	T	1,1,2-Trichloroethane	0.343	0.349	-1.7	95	0.00
56	T	Ethyl methacrylate	0.546	0.589	-7.9	96	0.00
57	T	1,3-Dichloropropane	0.615	0.613	0.3	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.278	0.296	-6.5	93	0.00
59	T	2-Hexanone	0.448	0.480	-7.1	98	0.00
60	T	Dibromochloromethane	0.376	0.392	-4.3	95	0.00
61	T	1,2-Dibromoethane	0.356	0.364	-2.2	94	0.00
62	S	4-Bromofluorobenzene	0.478	0.465	2.7	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.354	0.331	6.5	88	0.00
65	PM	Chlorobenzene	1.094	1.066	2.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.370	1.1	94	0.00
67	C	Ethyl Benzene	1.929	1.939	-0.5#	95	0.00
68	T	m/p-Xylenes	0.706	0.713	-1.0	95	0.00
69	T	o-Xylene	0.688	0.699	-1.6	95	0.00
70	T	Styrene	1.127	1.170	-3.8	95	0.00
71	P	Bromoform	0.281	0.278	1.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.893	3.950	-1.5	96	0.00
74	T	N-amyl acetate	1.924	2.016	-4.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	1.364	1.305	4.3	98	0.00
76	T	1,2,3-Trichloropropane	1.204	1.169	2.9	99	0.00
77	T	Bromobenzene	0.904	0.878	2.9	95	0.00
78	T	n-propylbenzene	4.526	4.577	-1.1	95	0.00
79	T	2-Chlorotoluene	2.919	2.867	1.8	96	0.00
80	T	1,3,5-Trimethylbenzene	3.252	3.350	-3.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.370	0.364	1.6	95	0.00
82	T	4-Chlorotoluene	3.238	3.280	-1.3	96	0.00
83	T	tert-Butylbenzene	3.276	3.309	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	3.293	3.391	-3.0	97	0.00
85	T	sec-Butylbenzene	4.022	4.112	-2.2	96	0.00
86	T	p-Isopropyltoluene	3.320	3.399	-2.4	96	0.00
87	T	1,3-Dichlorobenzene	1.649	1.658	-0.5	98	0.00
88	T	1,4-Dichlorobenzene	1.684	1.629	3.3	97	0.00
89	T	n-Butylbenzene	2.912	3.017	-3.6	96	0.00
90	T	Hexachloroethane	0.585	0.584	0.2	94	0.00
91	T	1,2-Dichlorobenzene	1.655	1.634	1.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.302	0.311	-3.0	97	0.00
93	T	1,2,4-Trichlorobenzene	0.951	0.944	0.7	97	0.00
94	T	Hexachlorobutadiene	0.415	0.402	3.1	95	0.00
95	T	Naphthalene	3.487	3.515	-0.8	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.981	0.952	3.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	95	0.00
2	T	Dichlorodifluoromethane	50.000	55.594	-11.2	94	0.00
3	P	Chloromethane	50.000	52.592	-5.2	96	0.00
4	C	Vinyl Chloride	50.000	51.598	-3.2#	96	0.00
5	T	Bromomethane	50.000	50.627	-1.3	95	0.00
6	T	Chloroethane	50.000	52.271	-4.5	97	0.00
7	T	Trichlorofluoromethane	50.000	52.560	-5.1	96	0.00
8	T	Diethyl Ether	50.000	49.536	0.9	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.822	-1.6	96	0.00
10	T	Methyl Iodide	50.000	53.419	-6.8	94	0.00
11	T	Tert butyl alcohol	250.000	252.025	-0.8	98	0.00
12	CM	1,1-Dichloroethene	50.000	51.097	-2.2#	96	0.00
13	T	Acrolein	250.000	232.505	7.0	87	0.00
14	T	Allyl chloride	50.000	51.833	-3.7	95	0.00
15	T	Acrylonitrile	250.000	262.412	-5.0	97	0.00
16	T	Acetone	250.000	245.518	1.8	97	0.00
17	T	Carbon Disulfide	50.000	50.981	-2.0	94	0.00
18	T	Methyl Acetate	50.000	49.968	0.1	97	0.00
19	T	Methyl tert-butyl Ether	50.000	50.777	-1.6	93	0.00
20	T	Methylene Chloride	50.000	47.779	4.4	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.513	-1.0	94	0.00
22	T	Diisopropyl ether	50.000	51.800	-3.6	95	0.00
23	T	Vinyl Acetate	250.000	265.585	-6.2	95	0.00
24	P	1,1-Dichloroethane	50.000	50.825	-1.7	94	0.00
25	T	2-Butanone	250.000	257.110	-2.8	96	0.00
26	T	2,2-Dichloropropane	50.000	49.934	0.1	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.956	-1.9	95	0.00
28	T	Bromochloromethane	50.000	50.975	-2.0	99	0.00
29	T	Tetrahydrofuran	250.000	259.958	-4.0	96	0.00
30	C	Chloroform	50.000	51.332	-2.7#	96	0.00
31	T	Cyclohexane	50.000	50.147	-0.3	94	0.00
32	T	1,1,1-Trichloroethane	50.000	51.108	-2.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.509	3.0	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	49.683	0.6	98	0.00
36	T	1,1-Dichloropropene	50.000	49.521	1.0	94	0.00
37	T	Ethyl Acetate	50.000	50.714	-1.4	96	0.00
38	T	Carbon Tetrachloride	50.000	49.825	0.3	94	0.00
39	T	Methylcyclohexane	50.000	49.757	0.5	94	0.00
40	TM	Benzene	50.000	50.759	-1.5	95	0.00
41	T	Methacrylonitrile	50.000	55.076	-10.2	96	0.00
42	TM	1,2-Dichloroethane	50.000	50.861	-1.7	96	0.00
43	T	Isopropyl Acetate	50.000	52.195	-4.4	96	0.00
44	TM	Trichloroethene	50.000	50.018	-0.0	93	0.00
45	C	1,2-Dichloropropane	50.000	51.983	-4.0#	96	0.00
46	T	Dibromomethane	50.000	49.978	0.0	94	0.00
47	T	Bromodichloromethane	50.000	51.889	-3.8	95	0.00
48	T	Methyl methacrylate	50.000	54.226	-8.5	97	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1059.599	-6.0	100	0.00
50	S	Toluene-d8	50.000	48.984	2.0	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.133	-3.7	96	0.00
52	CM	Toluene	50.000	51.150	-2.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	52.920	-5.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.892	-5.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	50.887	-1.8	95	0.00
56	T	Ethyl methacrylate	50.000	53.918	-7.8	96	0.00
57	T	1,3-Dichloropropane	50.000	49.793	0.4	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.780	-6.3	93	0.00
59	T	2-Hexanone	250.000	268.218	-7.3	98	0.00
60	T	Dibromochloromethane	50.000	52.075	-4.2	95	0.00
61	T	1,2-Dibromoethane	50.000	51.050	-2.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	48.596	2.8	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	46.795	6.4	88	0.00
65	PM	Chlorobenzene	50.000	48.699	2.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.557	0.9	94	0.00
67	C	Ethyl Benzene	50.000	50.245	-0.5#	95	0.00
68	T	m/p-Xylenes	100.000	101.022	-1.0	95	0.00
69	T	o-Xylene	50.000	50.841	-1.7	95	0.00
70	T	Styrene	50.000	51.907	-3.8	95	0.00
71	P	Bromoform	50.000	49.583	0.8	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	50.733	-1.5	96	0.00
74	T	N-amyl acetate	50.000	52.407	-4.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.827	4.3	98	0.00
76	T	1,2,3-Trichloropropane	50.000	48.568	2.9	99	0.00
77	T	Bromobenzene	50.000	48.549	2.9	95	0.00
78	T	n-propylbenzene	50.000	50.562	-1.1	95	0.00
79	T	2-Chlorotoluene	50.000	49.107	1.8	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.500	-3.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.276	1.4	95	0.00
82	T	4-Chlorotoluene	50.000	50.661	-1.3	96	0.00
83	T	tert-Butylbenzene	50.000	50.511	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.485	-3.0	97	0.00
85	T	sec-Butylbenzene	50.000	51.122	-2.2	96	0.00
86	T	p-Isopropyltoluene	50.000	51.198	-2.4	96	0.00
87	T	1,3-Dichlorobenzene	50.000	50.272	-0.5	98	0.00
88	T	1,4-Dichlorobenzene	50.000	48.368	3.3	97	0.00
89	T	n-Butylbenzene	50.000	51.804	-3.6	96	0.00
90	T	Hexachloroethane	50.000	49.895	0.2	94	0.00
91	T	1,2-Dichlorobenzene	50.000	49.361	1.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.458	-2.9	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.662	0.7	97	0.00
94	T	Hexachlorobutadiene	50.000	48.408	3.2	95	0.00
95	T	Naphthalene	50.000	50.404	-0.8	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.525	3.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046390.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: MSVOA_X Calibration Date/Time: 05/29/2025 11:27

Lab File ID: VX046390.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.727		-4.97	20
Chloromethane	0.742	0.666	0.1	-10.24	20
Vinyl Chloride	0.691	0.621		-10.13	20
Bromomethane	0.320	0.287		-10.31	20
Chloroethane	0.369	0.364		-1.36	20
Trichlorofluoromethane	1.021	1.003		-1.76	20
1,1,2-Trichlorotrifluoroethane	0.632	0.643		1.74	20
1,1-Dichloroethene	0.593	0.559		-5.73	20
Acetone	0.374	0.385		2.94	20
Carbon Disulfide	1.406	1.117		-20.56	20
Methyl tert-butyl Ether	2.079	2.188		5.24	20
Methyl Acetate	0.867	1.092		25.95	20
Methylene Chloride	0.716	0.684		-4.47	20
trans-1,2-Dichloroethene	0.596	0.560		-6.04	20
1,1-Dichloroethane	1.219	1.253	0.1	2.79	20
Cyclohexane	1.111	1.021		-8.1	20
2-Butanone	0.543	0.565		4.05	20
Carbon Tetrachloride	0.544	0.555		2.02	20
cis-1,2-Dichloroethene	0.718	0.720		0.28	20
Bromochloromethane	0.587	0.611		4.09	20
Chloroform	1.271	1.314		3.38	20
1,1,1-Trichloroethane	1.101	1.140		3.54	20
Methylcyclohexane	0.623	0.600		-3.69	20
Benzene	1.417	1.439		1.55	20
1,2-Dichloroethane	0.612	0.630		2.94	20
Trichloroethene	0.341	0.343		0.59	20
1,2-Dichloropropane	0.352	0.385		9.38	20
Bromodichloromethane	0.547	0.592		8.23	20
4-Methyl-2-Pentanone	0.605	0.670		10.74	20
Toluene	0.869	0.898		3.34	20
t-1,3-Dichloropropene	0.487	0.538		10.47	20
cis-1,3-Dichloropropene	0.538	0.584		8.55	20
1,1,2-Trichloroethane	0.343	0.369		7.58	20
2-Hexanone	0.448	0.494		10.27	20
Dibromochloromethane	0.376	0.423		12.5	20
1,2-Dibromoethane	0.356	0.379		6.46	20
Tetrachloroethene	0.354	0.350		-1.13	20
Chlorobenzene	1.094	1.107	0.3	1.19	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2134 SAS No.: Q2134 SDG No.: Q2134

Instrument ID: MSVOA_X Calibration Date/Time: 05/29/2025 11:27

Lab File ID: VX046390.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	2.001		3.73	20
m/p-Xylenes	0.706	0.741		4.96	20
o-Xylene	0.688	0.726		5.52	20
Styrene	1.127	1.242		10.2	20
Bromoform	0.281	0.307	0.1	9.25	20
Isopropylbenzene	3.893	3.979		2.18	20
1,1,2,2-Tetrachloroethane	1.364	1.369	0.3	0.37	20
1,3-Dichlorobenzene	1.649	1.718		4.18	20
1,4-Dichlorobenzene	1.684	1.726		2.49	20
1,2-Dichlorobenzene	1.655	1.722		4.05	20
1,2-Dibromo-3-Chloropropane	0.302	0.316		4.64	20
1,2,4-Trichlorobenzene	0.951	1.020		7.26	20
1,2,3-Trichlorobenzene	0.981	1.055		7.54	20
1,2-Dichloroethane-d4	0.932	0.914		-1.93	20
Dibromofluoromethane	0.360	0.371		3.06	20
Toluene-d8	1.246	1.262		1.28	20
4-Bromofluorobenzene	0.478	0.494		3.35	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	82744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	141651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75652	49.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.080%			
35) Dibromofluoromethane	5.373	113	52576	51.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.641	98	178695	50.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	69990	51.682	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	60162	47.504	ug/l	97
3) Chloromethane	1.301	50	55068	44.839	ug/l	98
4) Vinyl Chloride	1.374	62	51408	44.976	ug/l	98
5) Bromomethane	1.593	94	23743	44.785	ug/l	96
6) Chloroethane	1.666	64	30130	49.378	ug/l	99
7) Trichlorofluoromethane	1.874	101	82951	49.104	ug/l	97
8) Diethyl Ether	2.130	74	28287	49.190	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	53224	50.912	ug/l	99
10) Methyl Iodide	2.441	142	56987	46.069	ug/l	99
11) Tert butyl alcohol	2.971	59	54556	251.949	ug/l	99
12) 1,1-Dichloroethene	2.306	96	46271	47.161	ug/l	97
13) Acrolein	2.233	56	70540	286.050	ug/l	100
14) Allyl chloride	2.654	41	96190	51.298	ug/l	98
15) Acrylonitrile	3.062	53	163097	263.412	ug/l	99
16) Acetone	2.380	43	159385	257.689	ug/l	99
17) Carbon Disulfide	2.502	76	92429	39.736	ug/l	100
18) Methyl Acetate	2.703	43	90338	62.941	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	181027	52.627	ug/l	99
20) Methylene Chloride	2.782	84	56580	47.736	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	46368	46.994	ug/l	92
22) Diisopropyl ether	3.757	45	193320	53.372	ug/l	92
23) Vinyl Acetate	3.715	43	828347	260.016	ug/l	99
24) 1,1-Dichloroethane	3.599	63	103715	51.410	ug/l	98
25) 2-Butanone	4.550	43	233873	260.452	ug/l	99
26) 2,2-Dichloropropane	4.465	77	83564	52.920	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	59601	50.177	ug/l	98
28) Bromochloromethane	4.885	49	50577	52.083	ug/l	95
29) Tetrahydrofuran	4.995	42	145685	258.913	ug/l	98
30) Chloroform	5.080	83	108691	51.689	ug/l	97
31) Cyclohexane	5.458	56	84504	45.966	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	94331	51.751	ug/l	98
36) 1,1-Dichloropropene	5.678	75	68334	49.860	ug/l	100
37) Ethyl Acetate	4.702	43	86347	50.994	ug/l	99
38) Carbon Tetrachloride	5.666	117	78573	51.025	ug/l	96
39) Methylcyclohexane	7.373	83	84991	48.169	ug/l	93
40) Benzene	6.025	78	203838	50.777	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	51049	57.632	ug/l		99
42) 1,2-Dichloroethane	6.080	62	89234	51.504	ug/l		100
43) Isopropyl Acetate	6.330	43	141238	54.676	ug/l		99
44) Trichloroethene	7.117	130	48527	50.225	ug/l		95
45) 1,2-Dichloropropane	7.421	63	54599	54.697	ug/l		99
46) Dibromomethane	7.574	93	40123	50.963	ug/l		97
47) Bromodichloromethane	7.818	83	83876	54.092	ug/l		98
48) Methyl methacrylate	7.684	41	74307	56.325	ug/l		98
49) 1,4-Dioxane	7.653	88	25081	1001.270	ug/l		98
51) 4-Methyl-2-Pentanone	8.567	43	474614	276.793	ug/l		99
52) Toluene	8.714	92	127156	51.657	ug/l		100
53) t-1,3-Dichloropropene	8.970	75	76246	55.320	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	82715	54.299	ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	52308	53.892	ug/l		97
56) Ethyl methacrylate	9.110	69	86542	55.944	ug/l		98
57) 1,3-Dichloropropane	9.305	76	91988	52.772	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	225859	286.388	ug/l		99
59) 2-Hexanone	9.427	43	349687	275.651	ug/l		100
60) Dibromochloromethane	9.519	129	59858	56.155	ug/l		99
61) 1,2-Dibromoethane	9.604	107	53619	53.151	ug/l		98
64) Tetrachloroethene	9.269	164	44107	49.531	ug/l		96
65) Chlorobenzene	10.073	112	139273	50.559	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50107	53.269	ug/l		99
67) Ethyl Benzene	10.189	91	251819	51.860	ug/l		99
68) m/p-Xylenes	10.299	106	186581	105.059	ug/l		100
69) o-Xylene	10.640	106	91369	52.772	ug/l		99
70) Styrene	10.652	104	156341	55.123	ug/l		100
71) Bromoform	10.799	173	38584	54.635	ug/l	#	96
73) Isopropylbenzene	10.957	105	246293	51.103	ug/l		100
74) N-amyl acetate	10.841	43	125616	52.745	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84735	50.170	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	76049m	51.036	ug/l		
77) Bromobenzene	11.195	156	55608	49.698	ug/l		99
78) n-propylbenzene	11.299	91	295238	52.684	ug/l		99
79) 2-Chlorotoluene	11.360	91	178838	49.477	ug/l		100
80) 1,3,5-Trimethylbenzene	11.445	105	210435	52.264	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.012	75	24099	52.653	ug/l		99
82) 4-Chlorotoluene	11.451	91	207427	51.748	ug/l		100
83) tert-Butylbenzene	11.713	119	211550	52.161	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	214346	52.568	ug/l		100
85) sec-Butylbenzene	11.884	105	267276	53.672	ug/l		99
86) p-Isopropyltoluene	12.006	119	221581	53.907	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	106341	52.075	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	106880	51.249	ug/l		99
89) n-Butylbenzene	12.329	91	202809	56.249	ug/l		100
90) Hexachloroethane	12.536	117	37665	52.012	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	106601	52.021	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19591	52.360	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	63122	53.630	ug/l		99
94) Hexachlorobutadiene	13.719	225	27956	54.385	ug/l		98
95) Naphthalene	13.774	128	222575	51.561	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	65337	53.800	ug/l		99

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

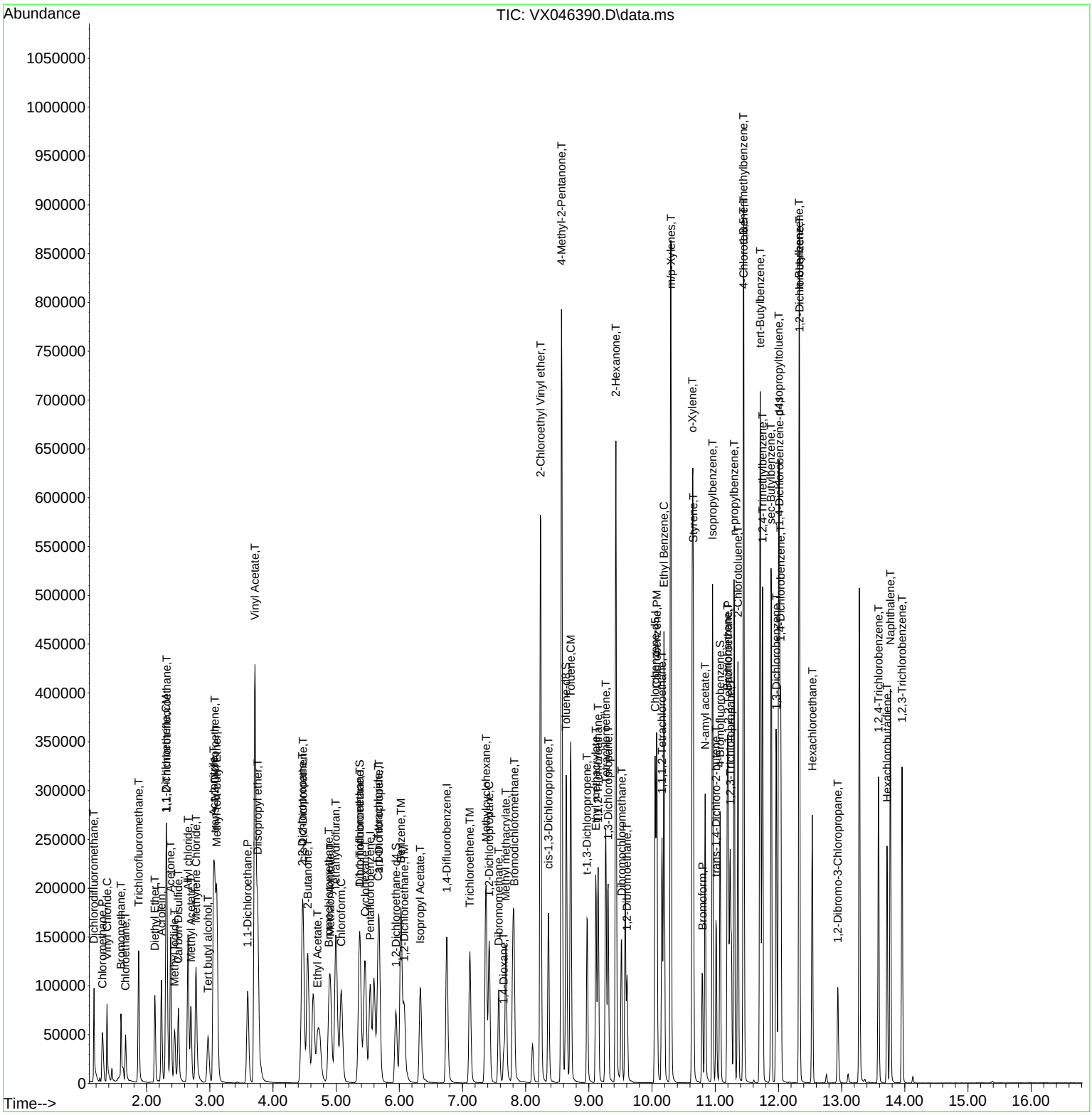
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	0.765	0.727	5.0	72	0.00
3	P	Chloromethane	0.742	0.666	10.2	73	0.00
4	C	Vinyl Chloride	0.691	0.621	10.1#	75	0.00
5	T	Bromomethane	0.320	0.287	10.3	75	0.00
6	T	Chloroethane	0.369	0.364	1.4	82	0.00
7	T	Trichlorofluoromethane	1.021	1.003	1.8	80	0.00
8	T	Diethyl Ether	0.347	0.342	1.4	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.632	0.643	-1.7	85	0.00
10	T	Methyl Iodide	0.747	0.689	7.8	73	0.00
11	T	Tert butyl alcohol	0.131	0.132	-0.8	87	0.00
12	CM	1,1-Dichloroethene	0.593	0.559	5.7#	79	0.00
13	T	Acrolein	0.149	0.171	-14.8	95	0.00
14	T	Allyl chloride	1.133	1.163	-2.6	84	0.00
15	T	Acrylonitrile	0.374	0.394	-5.3	87	0.00
16	T	Acetone	0.374	0.385	-2.9	91	0.00
17	T	Carbon Disulfide	1.406	1.117	20.6	65	0.00
18	T	Methyl Acetate	0.867	1.092	-26.0#	110	0.00
19	T	Methyl tert-butyl Ether	2.079	2.188	-5.2	86	0.00
20	T	Methylene Chloride	0.716	0.684	4.5	85	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.560	6.0	78	0.00
22	T	Diisopropyl ether	2.189	2.336	-6.7	87	0.00
23	T	Vinyl Acetate	1.925	2.002	-4.0	83	0.00
24	P	1,1-Dichloroethane	1.219	1.253	-2.8	85	0.00
25	T	2-Butanone	0.543	0.565	-4.1	87	0.00
26	T	2,2-Dichloropropane	0.954	1.010	-5.9	90	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.720	-0.3	83	0.00
28	T	Bromochloromethane	0.587	0.611	-4.1	90	-0.01
29	T	Tetrahydrofuran	0.340	0.352	-3.5	86	0.00
30	C	Chloroform	1.271	1.314	-3.4#	86	0.00
31	T	Cyclohexane	1.111	1.021	8.1	77	0.00
32	T	1,1,1-Trichloroethane	1.101	1.140	-3.5	86	0.00
33	S	1,2-Dichloroethane-d4	0.932	0.914	1.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.360	0.371	-3.1	88	0.00
36	T	1,1-Dichloropropene	0.484	0.482	0.4	82	0.00
37	T	Ethyl Acetate	0.598	0.610	-2.0	84	-0.01
38	T	Carbon Tetrachloride	0.544	0.555	-2.0	84	0.00
39	T	Methylcyclohexane	0.623	0.600	3.7	79	0.00
40	TM	Benzene	1.417	1.439	-1.6	82	0.00
41	T	Methacrylonitrile	0.313	0.360	-15.0	88	0.00
42	TM	1,2-Dichloroethane	0.612	0.630	-2.9	85	0.00
43	T	Isopropyl Acetate	0.912	0.997	-9.3	87	0.00
44	TM	Trichloroethene	0.341	0.343	-0.6	81	0.00
45	C	1,2-Dichloropropane	0.352	0.385	-9.4#	88	0.00
46	T	Dibromomethane	0.278	0.283	-1.8	83	0.00
47	T	Bromodichloromethane	0.547	0.592	-8.2	87	0.00
48	T	Methyl methacrylate	0.466	0.525	-12.7	88	0.00

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.009	0.009	0.0	82	0.00
50	S	Toluene-d8	1.246	1.262	-1.3	87	0.00
51	T	4-Methyl-2-Pentanone	0.605	0.670	-10.7	89	0.00
52	CM	Toluene	0.869	0.898	-3.3#	84	0.00
53	T	t-1,3-Dichloropropene	0.487	0.538	-10.5	86	0.00
54	T	cis-1,3-Dichloropropene	0.538	0.584	-8.6	85	0.00
55	T	1,1,2-Trichloroethane	0.343	0.369	-7.6	88	0.00
56	T	Ethyl methacrylate	0.546	0.611	-11.9	87	0.00
57	T	1,3-Dichloropropane	0.615	0.649	-5.5	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.278	0.319	-14.7	88	0.00
59	T	2-Hexanone	0.448	0.494	-10.3	88	0.00
60	T	Dibromochloromethane	0.376	0.423	-12.5	89	0.00
61	T	1,2-Dibromoethane	0.356	0.379	-6.5	86	0.00
62	S	4-Bromofluorobenzene	0.478	0.494	-3.3	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.354	0.350	1.1	80	0.00
65	PM	Chlorobenzene	1.094	1.107	-1.2	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.398	-6.4	88	0.00
67	C	Ethyl Benzene	1.929	2.001	-3.7#	85	0.00
68	T	m/p-Xylenes	0.706	0.741	-5.0	86	0.00
69	T	o-Xylene	0.688	0.726	-5.5	86	0.00
70	T	Styrene	1.127	1.242	-10.2	88	0.00
71	P	Bromoform	0.281	0.307	-9.3	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.893	3.978	-2.2	88	0.00
74	T	N-amyl acetate	1.924	2.029	-5.5	89	0.00
75	P	1,1,2,2-Tetrachloroethane	1.364	1.369	-0.4	93	0.00
76	T	1,2,3-Trichloropropane	1.204	1.228	-2.0	94	0.00
77	T	Bromobenzene	0.904	0.898	0.7	88	0.00
78	T	n-propylbenzene	4.526	4.769	-5.4	89	0.00
79	T	2-Chlorotoluene	2.919	2.889	1.0	88	0.00
80	T	1,3,5-Trimethylbenzene	3.252	3.399	-4.5	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.370	0.389	-5.1	92	0.00
82	T	4-Chlorotoluene	3.238	3.351	-3.5	89	0.00
83	T	tert-Butylbenzene	3.276	3.417	-4.3	91	0.00
84	T	1,2,4-Trimethylbenzene	3.293	3.462	-5.1	90	0.00
85	T	sec-Butylbenzene	4.022	4.317	-7.3	92	0.00
86	T	p-Isopropyltoluene	3.320	3.579	-7.8	92	0.00
87	T	1,3-Dichlorobenzene	1.649	1.718	-4.2	92	0.00
88	T	1,4-Dichlorobenzene	1.684	1.726	-2.5	93	0.00
89	T	n-Butylbenzene	2.912	3.276	-12.5	95	0.00
90	T	Hexachloroethane	0.585	0.608	-3.9	89	0.00
91	T	1,2-Dichlorobenzene	1.655	1.722	-4.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.302	0.316	-4.6	89	0.00
93	T	1,2,4-Trichlorobenzene	0.951	1.020	-7.3	95	0.00
94	T	Hexachlorobutadiene	0.415	0.452	-8.9	96	0.00
95	T	Naphthalene	3.487	3.595	-3.1	91	0.00

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.981	1.055	-7.5	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	50.000	47.504	5.0	72	0.00
3	P	Chloromethane	50.000	44.839	10.3	73	0.00
4	C	Vinyl Chloride	50.000	44.976	10.0#	75	0.00
5	T	Bromomethane	50.000	44.785	10.4	75	0.00
6	T	Chloroethane	50.000	49.378	1.2	82	0.00
7	T	Trichlorofluoromethane	50.000	49.104	1.8	80	0.00
8	T	Diethyl Ether	50.000	49.190	1.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.912	-1.8	85	0.00
10	T	Methyl Iodide	50.000	46.069	7.9	73	0.00
11	T	Tert butyl alcohol	250.000	251.949	-0.8	87	0.00
12	CM	1,1-Dichloroethene	50.000	47.161	5.7#	79	0.00
13	T	Acrolein	250.000	286.050	-14.4	95	0.00
14	T	Allyl chloride	50.000	51.298	-2.6	84	0.00
15	T	Acrylonitrile	250.000	263.412	-5.4	87	0.00
16	T	Acetone	250.000	257.689	-3.1	91	0.00
17	T	Carbon Disulfide	50.000	39.736	20.5	65	0.00
18	T	Methyl Acetate	50.000	62.941	-25.9#	110	0.00
19	T	Methyl tert-butyl Ether	50.000	52.627	-5.3	86	0.00
20	T	Methylene Chloride	50.000	47.736	4.5	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.994	6.0	78	0.00
22	T	Diisopropyl ether	50.000	53.372	-6.7	87	0.00
23	T	Vinyl Acetate	250.000	260.016	-4.0	83	0.00
24	P	1,1-Dichloroethane	50.000	51.410	-2.8	85	0.00
25	T	2-Butanone	250.000	260.452	-4.2	87	0.00
26	T	2,2-Dichloropropane	50.000	52.920	-5.8	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.177	-0.4	83	0.00
28	T	Bromochloromethane	50.000	52.083	-4.2	90	-0.01
29	T	Tetrahydrofuran	250.000	258.913	-3.6	86	0.00
30	C	Chloroform	50.000	51.689	-3.4#	86	0.00
31	T	Cyclohexane	50.000	45.966	8.1	77	0.00
32	T	1,1,1-Trichloroethane	50.000	51.751	-3.5	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.041	1.9	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	51.543	-3.1	88	0.00
36	T	1,1-Dichloropropene	50.000	49.860	0.3	82	0.00
37	T	Ethyl Acetate	50.000	50.994	-2.0	84	-0.01
38	T	Carbon Tetrachloride	50.000	51.025	-2.0	84	0.00
39	T	Methylcyclohexane	50.000	48.169	3.7	79	0.00
40	TM	Benzene	50.000	50.777	-1.6	82	0.00
41	T	Methacrylonitrile	50.000	57.632	-15.3	88	0.00
42	TM	1,2-Dichloroethane	50.000	51.504	-3.0	85	0.00
43	T	Isopropyl Acetate	50.000	54.676	-9.4	87	0.00
44	TM	Trichloroethene	50.000	50.225	-0.5	81	0.00
45	C	1,2-Dichloropropane	50.000	54.697	-9.4#	88	0.00
46	T	Dibromomethane	50.000	50.963	-1.9	83	0.00
47	T	Bromodichloromethane	50.000	54.092	-8.2	87	0.00
48	T	Methyl methacrylate	50.000	56.325	-12.7	88	0.00

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1001.270	-0.1	82	0.00
50	S	Toluene-d8	50.000	50.615	-1.2	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.793	-10.7	89	0.00
52	CM	Toluene	50.000	51.657	-3.3#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	55.320	-10.6	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.299	-8.6	85	0.00
55	T	1,1,2-Trichloroethane	50.000	53.892	-7.8	88	0.00
56	T	Ethyl methacrylate	50.000	55.944	-11.9	87	0.00
57	T	1,3-Dichloropropane	50.000	52.772	-5.5	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.388	-14.6	88	0.00
59	T	2-Hexanone	250.000	275.651	-10.3	88	0.00
60	T	Dibromochloromethane	50.000	56.155	-12.3	89	0.00
61	T	1,2-Dibromoethane	50.000	53.151	-6.3	86	0.00
62	S	4-Bromofluorobenzene	50.000	51.682	-3.4	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	49.531	0.9	80	0.00
65	PM	Chlorobenzene	50.000	50.559	-1.1	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.269	-6.5	88	0.00
67	C	Ethyl Benzene	50.000	51.860	-3.7#	85	0.00
68	T	m/p-Xylenes	100.000	105.059	-5.1	86	0.00
69	T	o-Xylene	50.000	52.772	-5.5	86	0.00
70	T	Styrene	50.000	55.123	-10.2	88	0.00
71	P	Bromoform	50.000	54.635	-9.3	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	51.103	-2.2	88	0.00
74	T	N-amyl acetate	50.000	52.745	-5.5	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.170	-0.3	93	0.00
76	T	1,2,3-Trichloropropane	50.000	51.036	-2.1	94	0.00
77	T	Bromobenzene	50.000	49.698	0.6	88	0.00
78	T	n-propylbenzene	50.000	52.684	-5.4	89	0.00
79	T	2-Chlorotoluene	50.000	49.477	1.0	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.264	-4.5	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.653	-5.3	92	0.00
82	T	4-Chlorotoluene	50.000	51.748	-3.5	89	0.00
83	T	tert-Butylbenzene	50.000	52.161	-4.3	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.568	-5.1	90	0.00
85	T	sec-Butylbenzene	50.000	53.672	-7.3	92	0.00
86	T	p-Isopropyltoluene	50.000	53.907	-7.8	92	0.00
87	T	1,3-Dichlorobenzene	50.000	52.075	-4.2	92	0.00
88	T	1,4-Dichlorobenzene	50.000	51.249	-2.5	93	0.00
89	T	n-Butylbenzene	50.000	56.249	-12.5	95	0.00
90	T	Hexachloroethane	50.000	52.012	-4.0	89	0.00
91	T	1,2-Dichlorobenzene	50.000	52.021	-4.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.360	-4.7	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.630	-7.3	95	0.00
94	T	Hexachlorobutadiene	50.000	54.385	-8.8	96	0.00
95	T	Naphthalene	50.000	51.561	-3.1	91	0.00

Sample Results: **VX046390.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046390.D
Acq On : 29 May 2025 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.800	-7.6	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

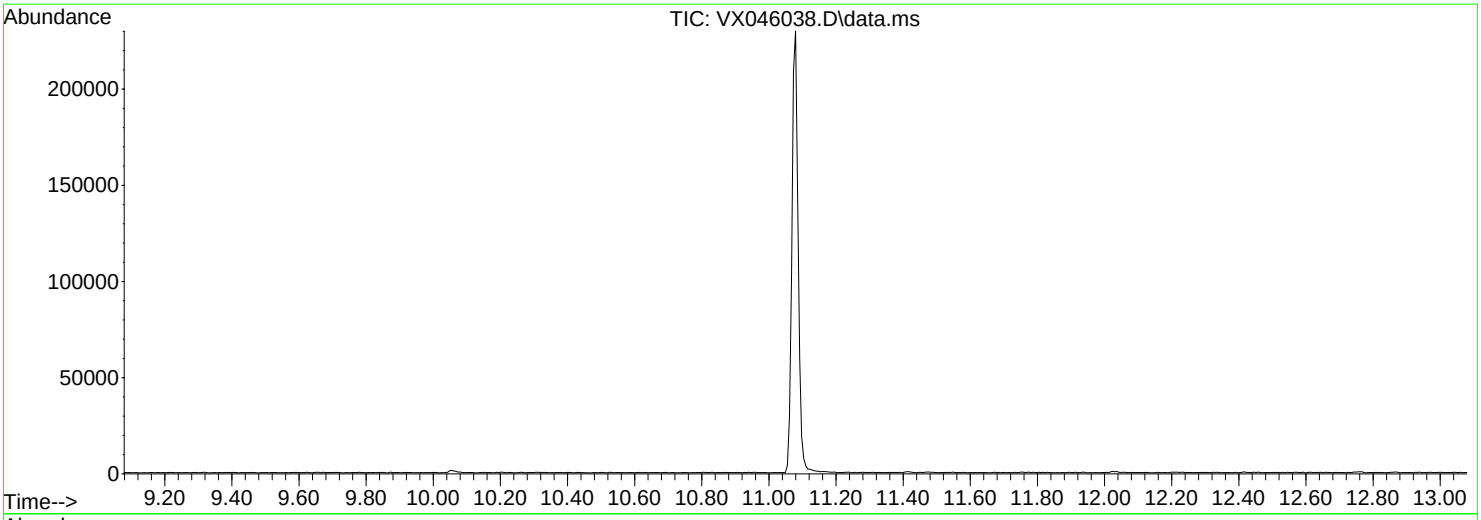
Sample Results: **VX046038.D**

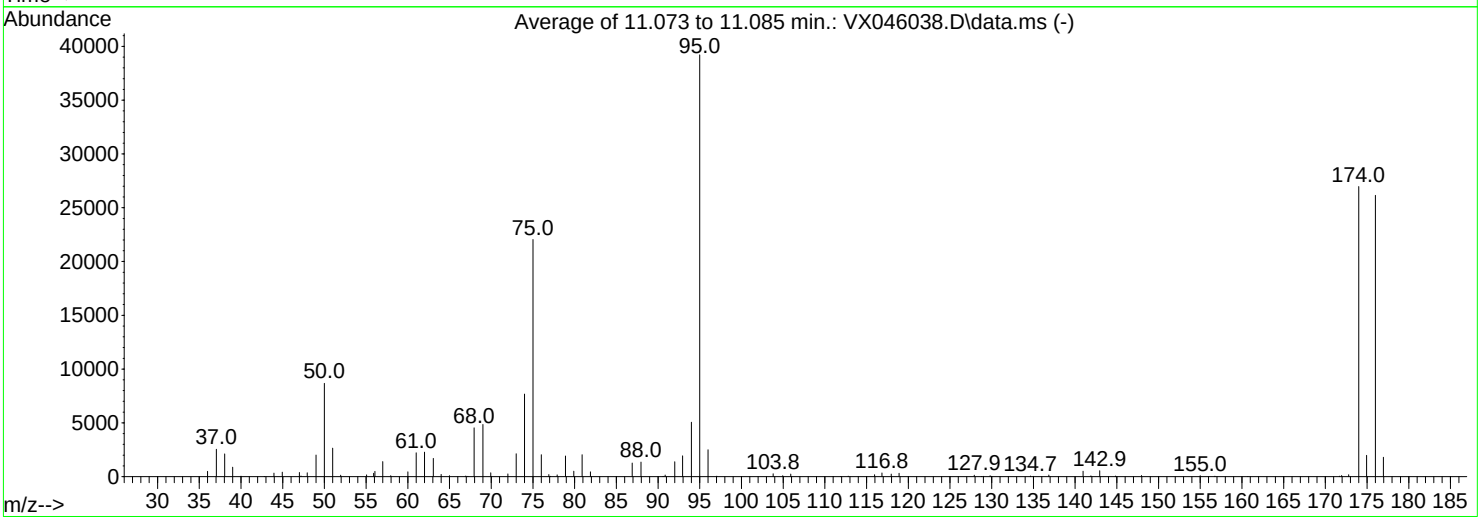
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046038.D
Acq On : 05 May 2025 09:37
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	8676	PASS
75	95	30	60	56.2	22052	PASS
95	95	100	100	100.0	39213	PASS
96	95	5	9	6.4	2505	PASS
173	174	0.00	2	0.7	185	PASS
174	95	50	100	68.8	26963	PASS
175	174	5	9	7.3	1980	PASS
176	174	95	101	97.0	26147	PASS
177	176	5	9	6.9	1802	PASS

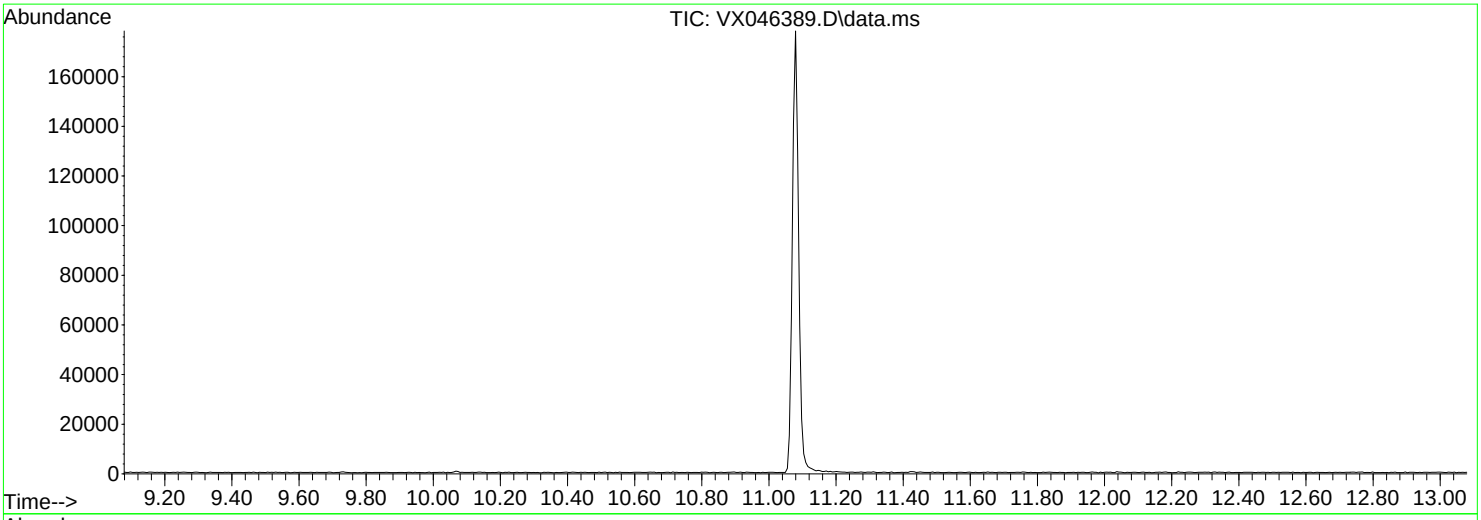
Sample Results: **VX046389.D**

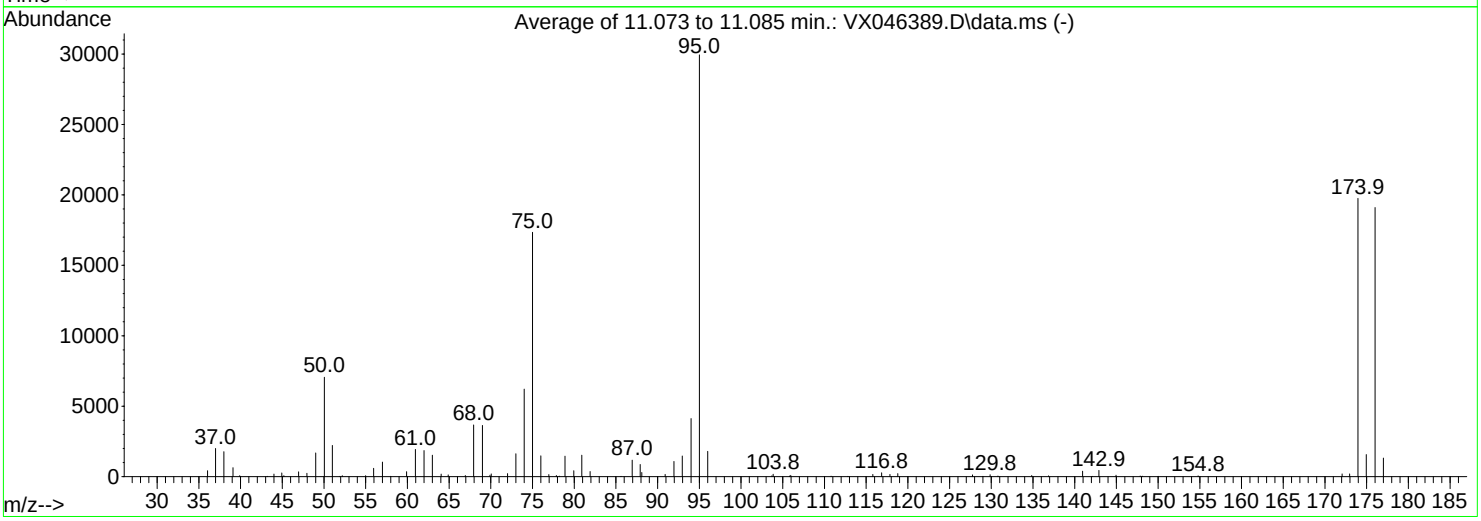
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046389.D
Acq On : 29 May 2025 08:21
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.5	7049	PASS
75	95	30	60	57.9	17343	PASS
95	95	100	100	100.0	29944	PASS
96	95	5	9	6.0	1798	PASS
173	174	0.00	2	1.0	188	PASS
174	95	50	100	65.9	19748	PASS
175	174	5	9	7.9	1563	PASS
176	174	95	101	96.7	19106	PASS
177	176	5	9	6.9	1322	PASS

Raw Data: **VX046392.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:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0529WBL01	SDG No.:	Q2134
Lab Sample ID:	VX0529WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046392.D	1		05/29/25 12:18	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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:		
Project:	DPW		Date Received:		
Client Sample ID:	VX0529WBL01		SDG No.:	Q2134	
Lab Sample ID:	VX0529WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046392.D	1		05/29/25 12:18	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	60300	5.544			
540-36-3	1,4-Difluorobenzene	122000	6.757			
3114-55-4	Chlorobenzene-d5	115000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50300	12.018			

Raw Data: **VX046392.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:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0529WBL01	SDG No.:	Q2134
Lab Sample ID:	VX0529WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046392.D	1		05/29/25 12:18	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Quant Time: May 30 01:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

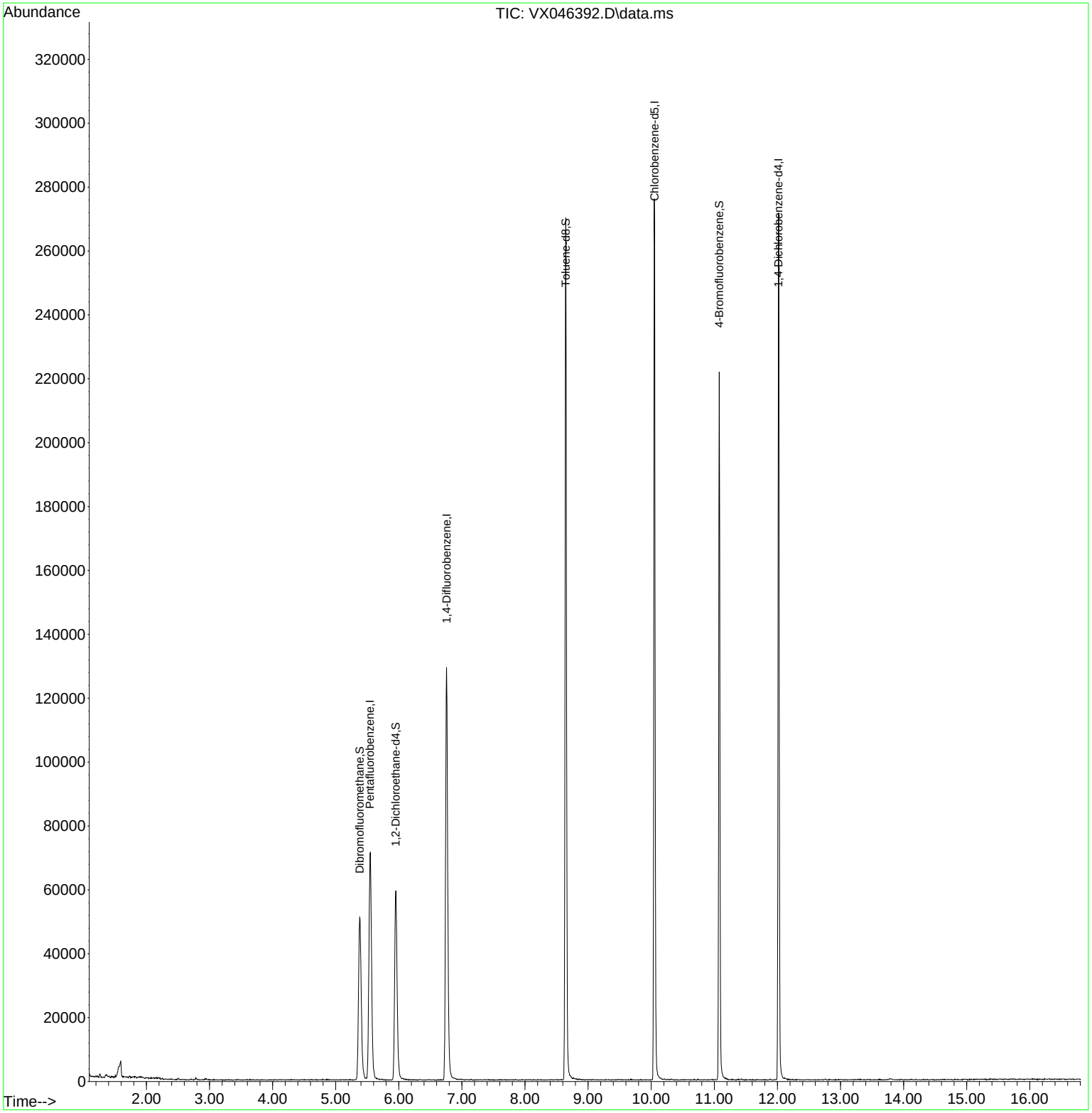
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	60328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61645	54.810	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.620%			
35) Dibromofluoromethane	5.379	113	44127	50.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	8.647	98	152950	50.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	59524	51.230	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.460%			
Target Compounds						Qvalue

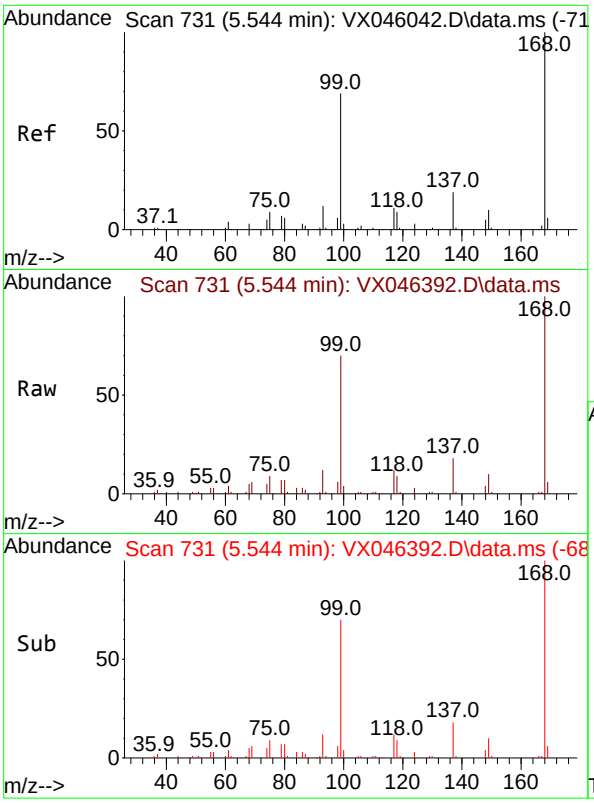
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Quant Time: May 30 01:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



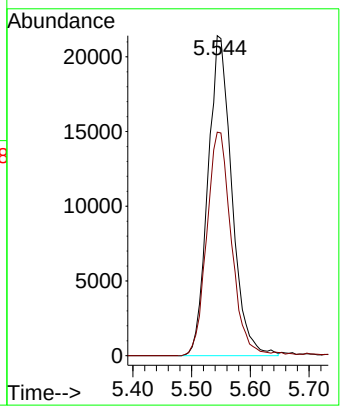


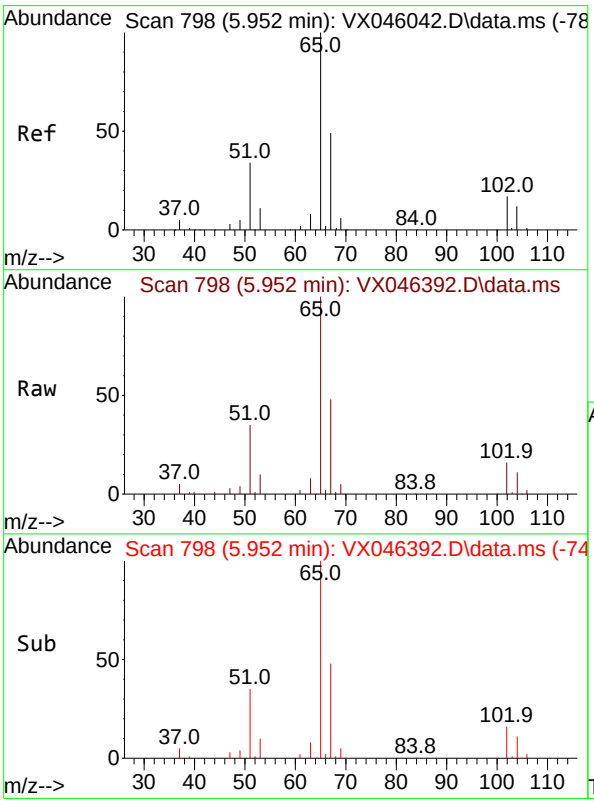
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Tgt Ion:168 Resp: 60328

Ion	Ratio	Lower	Upper
168	100		
99	69.8	54.9	82.3

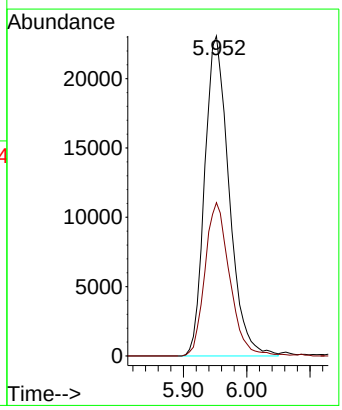


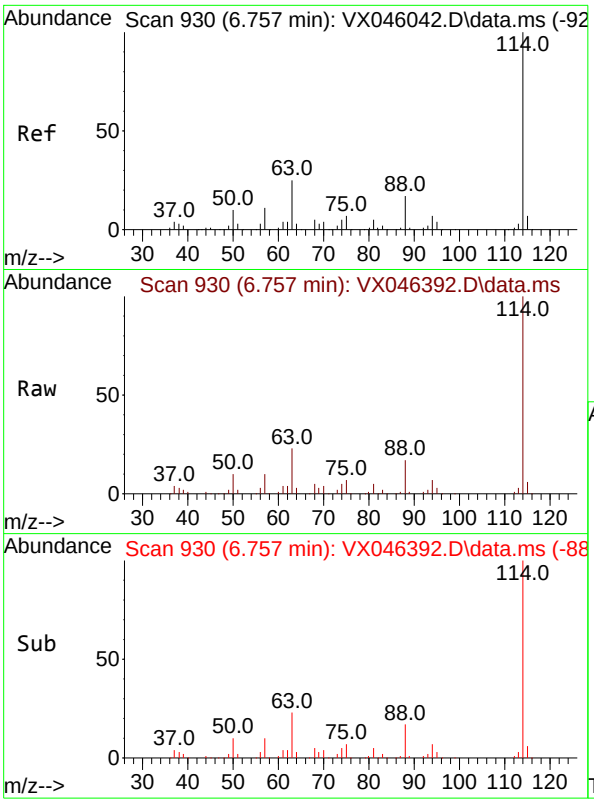


#33
1,2-Dichloroethane-d4
Concen: 54.810 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Tgt Ion: 65 Resp: 61645

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



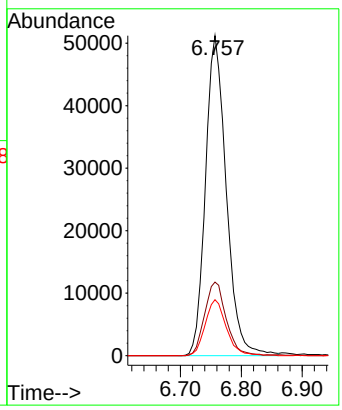


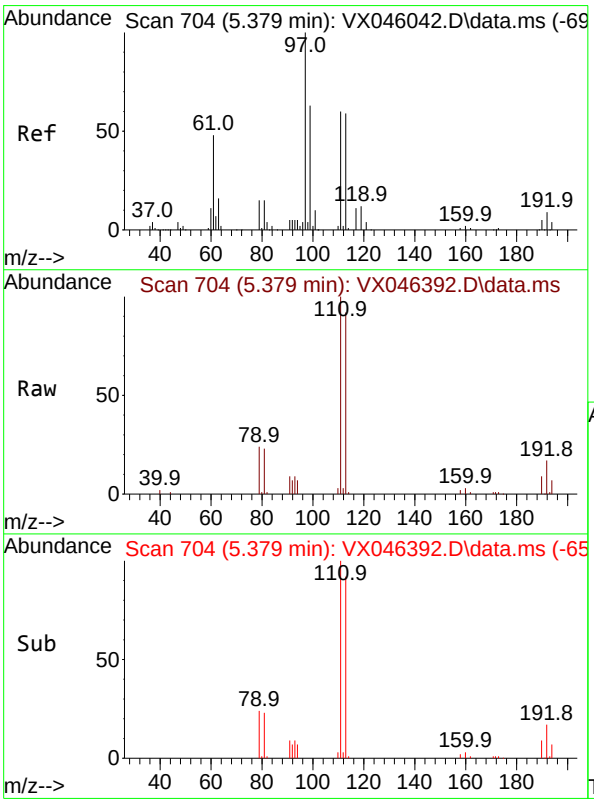
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Tgt Ion:114 Resp: 121532

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	17.5	0.0	33.6

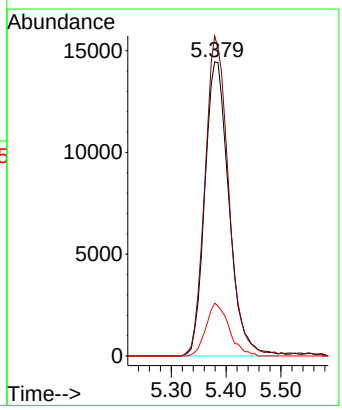


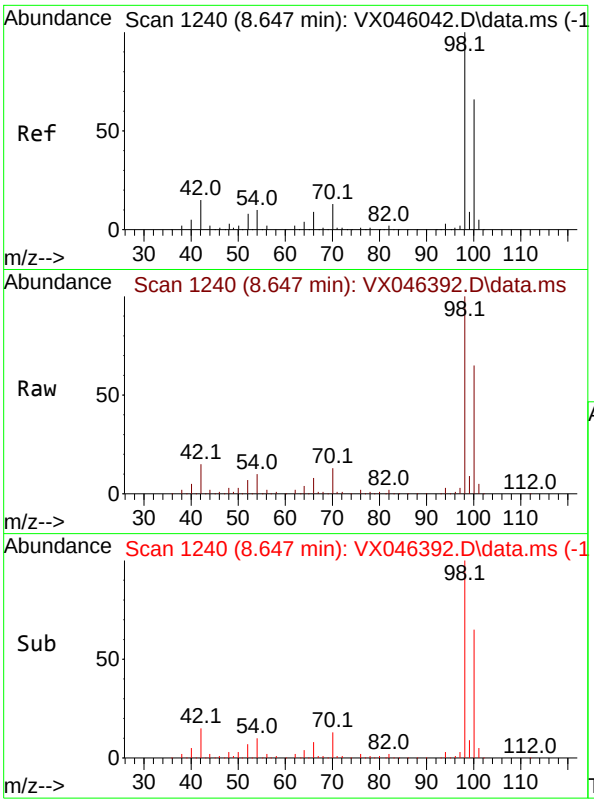


#35
Dibromofluoromethane
Concen: 50.422 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Tgt Ion:113 Resp: 44127

Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.1	124.7
192	17.1	13.3	19.9



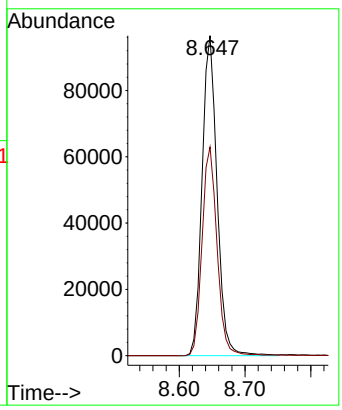


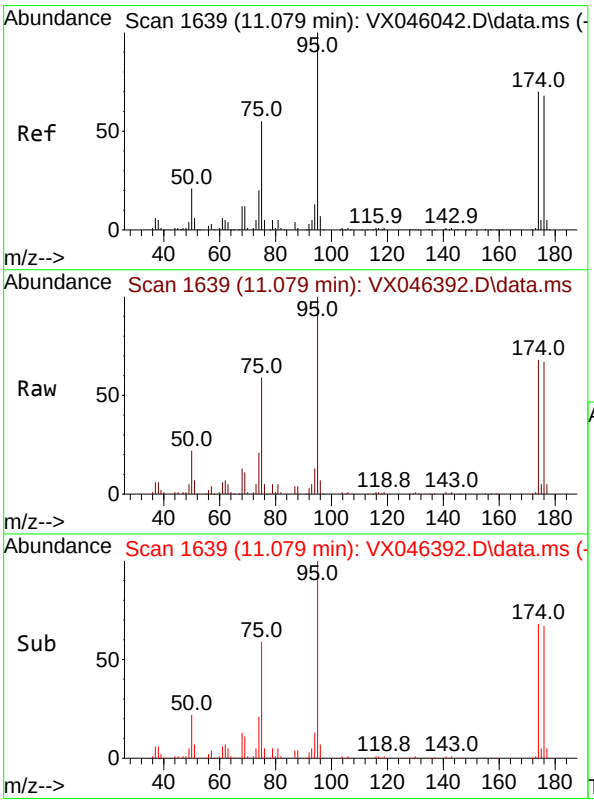
#50
Toluene-d8
Concen: 50.495 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Tgt Ion: 98 Resp: 152950

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.5	80.3

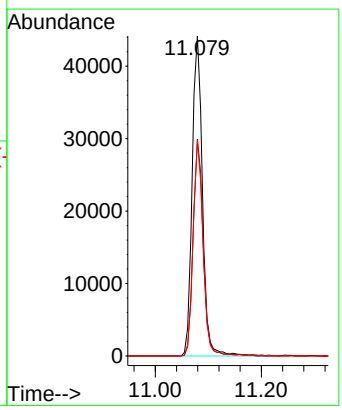


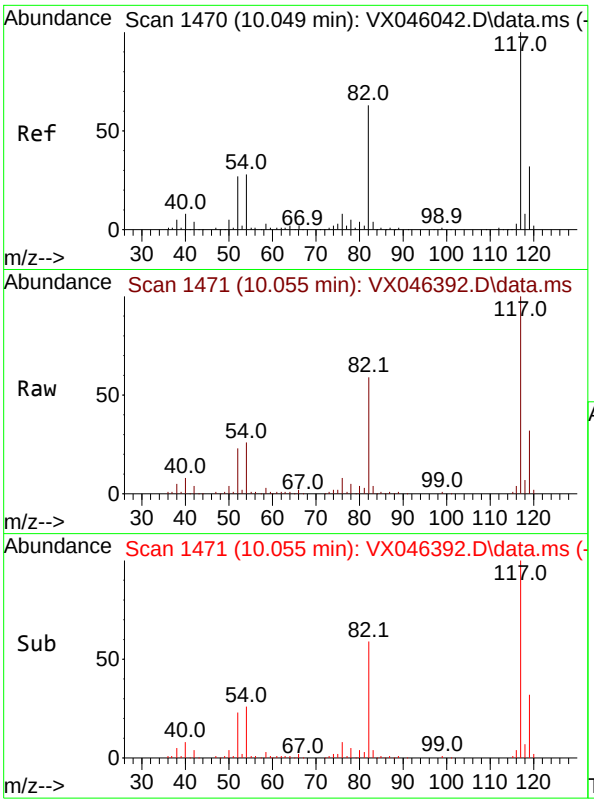


#62
4-Bromofluorobenzene
Concen: 51.230 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Tgt Ion: 95 Resp: 59524

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	135.8
176	64.4	0.0	131.4



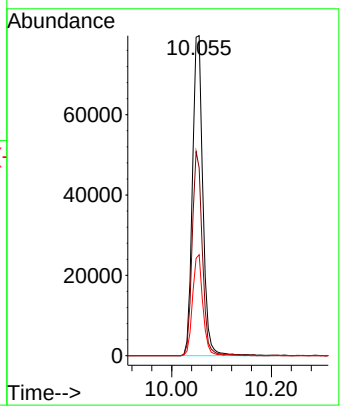


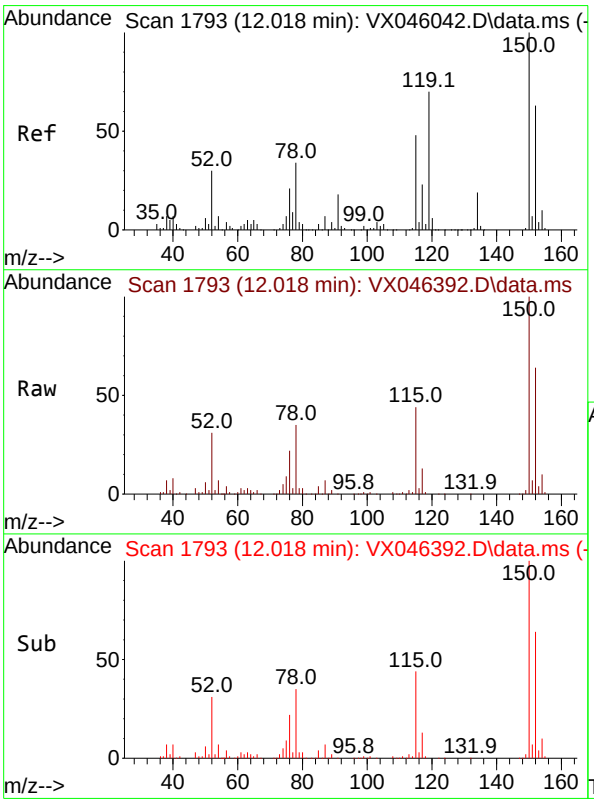
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Tgt Ion:117 Resp: 115333

Ion	Ratio	Lower	Upper
117	100		
82	58.7	50.6	76.0
119	31.6	25.8	38.6

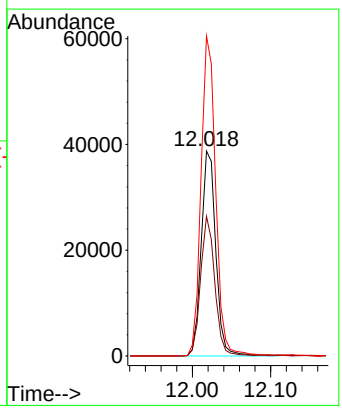




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046392.D
Acq: 29 May 2025 12:18

Tgt Ion:152 Resp: 50276

Ion	Ratio	Lower	Upper
152	100		
115	66.4	46.9	140.7
150	156.4	0.0	351.0



Sample Results: **VX046392.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.563	70	78	79	rBV3	3280	6038	1.41%	0.262%
2	1.593	79	83	87	rVB4	4823	7619	1.77%	0.331%
3	5.379	694	704	718	rBV	50691	151320	35.23%	6.577%
4	5.550	722	732	750	rVB	70933	203465	47.37%	8.843%
5	5.952	786	798	813	rBV	59282	160098	37.28%	6.958%
6	6.757	921	930	948	rBV	129243	311889	72.62%	13.555%
7	8.647	1234	1240	1252	rBV	269736	429504	100.00%	18.667%
8	10.049	1465	1470	1486	rBV	275813	394245	91.79%	17.135%
9	11.079	1634	1639	1655	rBV	221434	291897	67.96%	12.686%
10	12.018	1788	1793	1807	rBV	271353	344793	80.28%	14.985%

Sum of corrected areas: 2300868

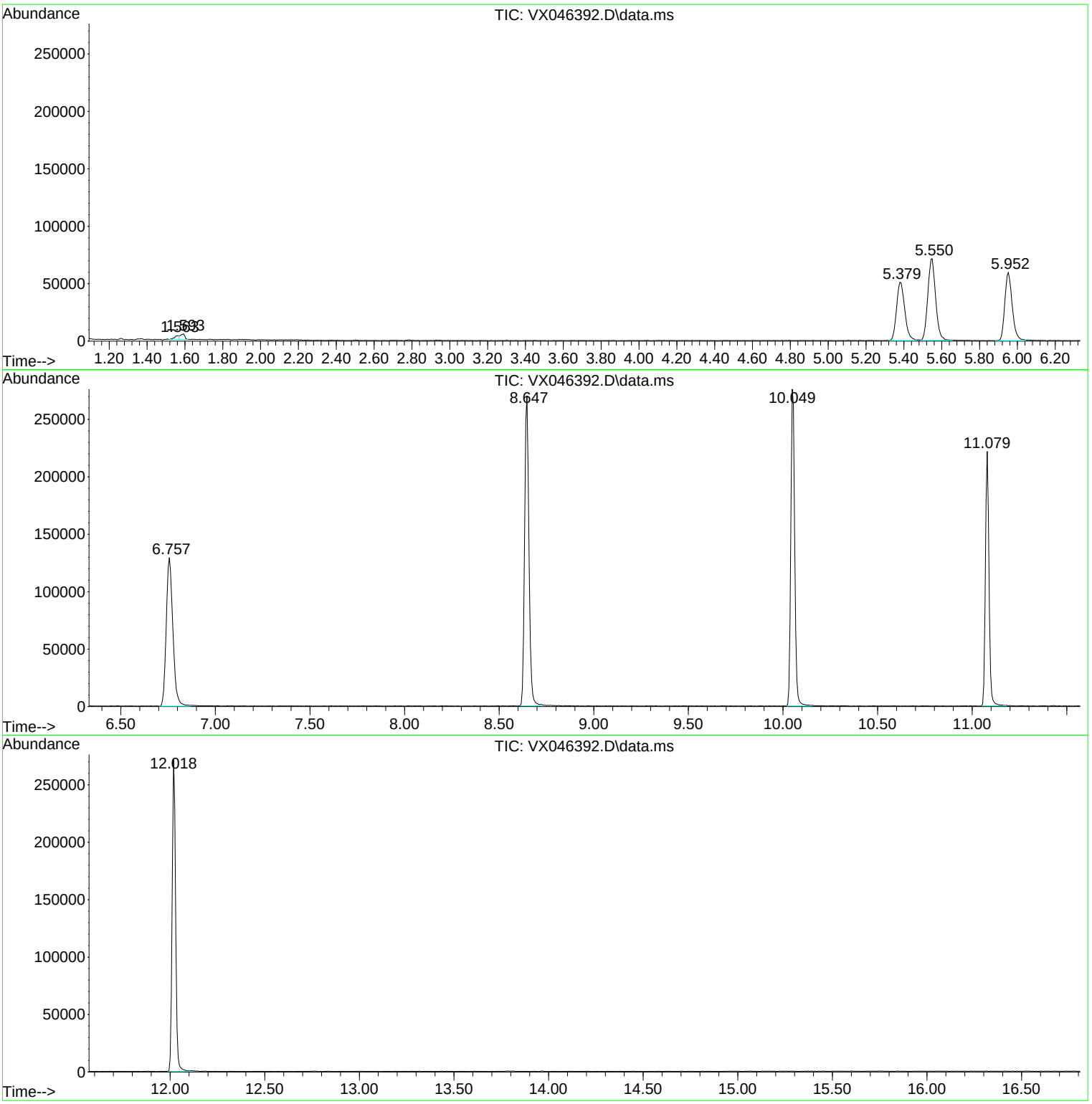
Sample Results: **VX046392.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046392.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046392.D
Acq On : 29 May 2025 12:18
Operator : JC/MD
Sample : VX0529WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046393.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:		
Project:	DPW		Date Received:		
Client Sample ID:	VX0529WBS01		SDG No.:	Q2134	
Lab Sample ID:	VX0529WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046393.D	1		05/29/25 12:41	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.3		0.22	1.00	ug/L
74-87-3	Chloromethane	17.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.26	1.00	ug/L
74-83-9	Bromomethane	18.3		1.40	5.00	ug/L
75-00-3	Chloroethane	19.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	26.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.5		0.22	1.00	ug/L
67-66-3	Chloroform	21.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.2		0.16	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L

Raw Data: **VX046393.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:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0529WBS01	SDG No.:	Q2134
Lab Sample ID:	VX0529WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046393.D	1		05/29/25 12:41	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.7		0.24	2.00	ug/L
95-47-6	o-Xylene	20.5		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.1		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84900	5.544			
540-36-3	1,4-Difluorobenzene	151000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	62200	12.018			

Raw Data: **VX046393.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:		
Project:	DPW		Date Received:		
Client Sample ID:	VX0529WBS01		SDG No.:	Q2134	
Lab Sample ID:	VX0529WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046393.D	1		05/29/25 12:41	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046393.D
Acq On : 29 May 2025 12:41
Operator : JC/MD
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	84888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83217	52.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	5.385	113	57250	52.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	190573	50.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.079	95	74909	51.728	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23789	18.310	ug/l	97
3) Chloromethane	1.307	50	22436	17.807	ug/l	98
4) Vinyl Chloride	1.374	62	20989	17.899	ug/l	99
5) Bromomethane	1.599	94	9973	18.336	ug/l	99
6) Chloroethane	1.672	64	11977	19.132	ug/l	91
7) Trichlorofluoromethane	1.880	101	33736	19.466	ug/l	95
8) Diethyl Ether	2.136	74	11647	19.742	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	21454	20.004	ug/l	99
10) Methyl Iodide	2.447	142	22398	17.649	ug/l	100
11) Tert butyl alcohol	2.971	59	25298	113.880	ug/l	97
12) 1,1-Dichloroethene	2.312	96	18834	18.711	ug/l	92
13) Acrolein	2.239	56	21227	83.904	ug/l	99
14) Allyl chloride	2.660	41	38746	20.141	ug/l	97
15) Acrylonitrile	3.062	53	69367	109.202	ug/l	97
16) Acetone	2.379	43	68363	107.736	ug/l	99
17) Carbon Disulfide	2.507	76	34850	14.604	ug/l	98
18) Methyl Acetate	2.703	43	38609	26.221	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	73203	20.744	ug/l	98
20) Methylene Chloride	2.788	84	22853	18.794	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	19267	19.034	ug/l	95
22) Diisopropyl ether	3.757	45	79234	21.323	ug/l	94
23) Vinyl Acetate	3.721	43	329920	100.946	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43235	20.890	ug/l	99
25) 2-Butanone	4.556	43	102835	111.629	ug/l	100
26) 2,2-Dichloropropane	4.471	77	30734	18.972	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24515	20.118	ug/l	99
28) Bromochloromethane	4.891	49	22421	22.506	ug/l	97
29) Tetrahydrofuran	5.001	42	64512	111.756	ug/l	98
30) Chloroform	5.086	83	45854	21.256	ug/l	93
31) Cyclohexane	5.464	56	34383	18.230	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	38729	20.710	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27445	18.727	ug/l	99
37) Ethyl Acetate	4.721	43	34938	19.296	ug/l	99
38) Carbon Tetrachloride	5.672	117	32514	19.746	ug/l	95
39) Methylcyclohexane	7.379	83	32492	17.221	ug/l	92
40) Benzene	6.031	78	86347	20.115	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046393.D
Acq On : 29 May 2025 12:41
Operator : JC/MD
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	20407	21.545	ug/l		95
42) 1,2-Dichloroethane	6.086	62	38682	20.879	ug/l		99
43) Isopropyl Acetate	6.342	43	57766	20.912	ug/l		98
44) Trichloroethene	7.123	130	20171	19.523	ug/l		98
45) 1,2-Dichloropropane	7.427	63	22660	21.229	ug/l		99
46) Dibromomethane	7.580	93	17256	20.497	ug/l		99
47) Bromodichloromethane	7.818	83	34380	20.734	ug/l		97
48) Methyl methacrylate	7.689	41	29593	20.977	ug/l		99
49) 1,4-Dioxane	7.659	88	12268	458.005	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	206001	112.350	ug/l		97
52) Toluene	8.714	92	52383	19.901	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	27807	18.867	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	32282	19.818	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	22128	21.320	ug/l		97
56) Ethyl methacrylate	9.116	69	34613	20.925	ug/l		98
57) 1,3-Dichloropropane	9.305	76	39467	21.174	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.238	63	94016	111.483	ug/l		99
59) 2-Hexanone	9.427	43	152816	112.652	ug/l		100
60) Dibromochloromethane	9.518	129	23194	20.349	ug/l		99
61) 1,2-Dibromoethane	9.604	107	22587	20.938	ug/l		99
64) Tetrachloroethene	9.268	164	17634	18.811	ug/l		97
65) Chlorobenzene	10.079	112	58187	20.065	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20493	20.695	ug/l		100
67) Ethyl Benzene	10.189	91	101449	19.846	ug/l		99
68) m/p-Xylenes	10.299	106	74167	39.669	ug/l		95
69) o-Xylene	10.640	106	37299	20.464	ug/l		96
70) Styrene	10.652	104	63179	21.160	ug/l		99
71) Bromoform	10.799	173	14699	19.771	ug/l	#	94
73) Isopropylbenzene	10.957	105	100754	20.823	ug/l		99
74) N-amyl acetate	10.841	43	49466	20.689	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35797	21.111	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	31023m	20.737	ug/l		
77) Bromobenzene	11.195	156	22619	20.135	ug/l		98
78) n-propylbenzene	11.299	91	114452	20.343	ug/l		100
79) 2-Chlorotoluene	11.360	91	72648	20.020	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	84903	21.003	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8240	17.932	ug/l		90
82) 4-Chlorotoluene	11.451	91	82837	20.584	ug/l		100
83) tert-Butylbenzene	11.713	119	84249	20.691	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	86210	21.060	ug/l		99
85) sec-Butylbenzene	11.890	105	104225	20.847	ug/l		99
86) p-Isopropyltoluene	12.006	119	84403	20.453	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42022	20.497	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	42130	20.122	ug/l		98
89) n-Butylbenzene	12.329	91	71674	19.800	ug/l		99
90) Hexachloroethane	12.536	117	14451	19.877	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	42269	20.546	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7555	20.112	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22555	19.088	ug/l		98
94) Hexachlorobutadiene	13.725	225	10042	19.459	ug/l		97
95) Naphthalene	13.774	128	82628	19.066	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23925	19.623	ug/l		100

Sample Results: **VX046393.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046393.D
Acq On : 29 May 2025 12:41
Operator : JC/MD
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

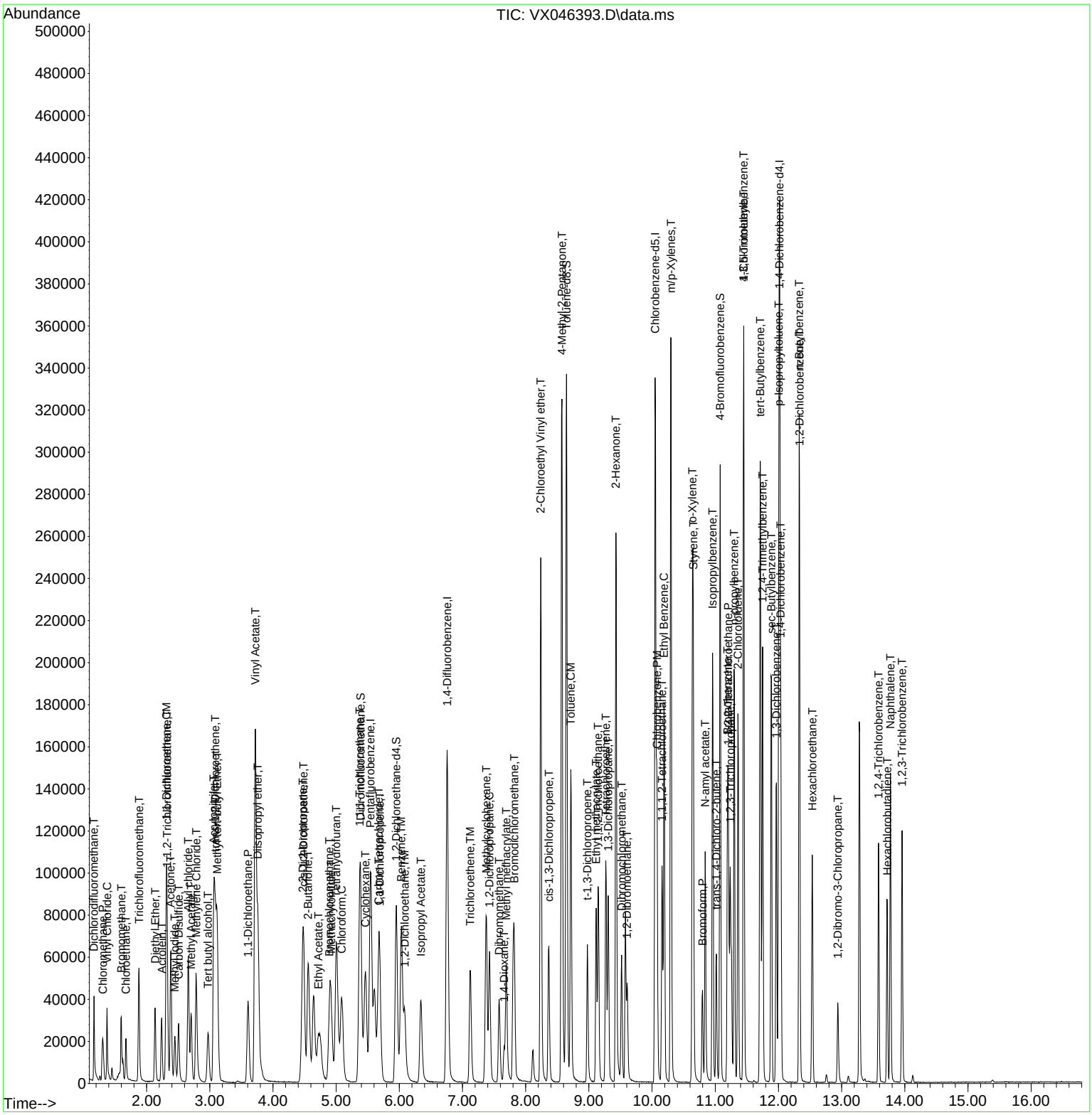
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046393.D
Acq On : 29 May 2025 12:41
Operator : JC/MD
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



Raw Data: **VX046394.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:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0529WBSD01	SDG No.:	Q2134
Lab Sample ID:	VX0529WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046394.D	1		05/29/25 13:06	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.9		0.22	1.00	ug/L
74-87-3	Chloromethane	17.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	1.00	ug/L
74-83-9	Bromomethane	18.1		1.40	5.00	ug/L
75-00-3	Chloroethane	19.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	27.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.3		0.22	1.00	ug/L
67-66-3	Chloroform	21.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.7		0.16	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	22.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	21.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L

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:		
Project:	DPW		Date Received:		
Client Sample ID:	VX0529WBSD01		SDG No.:	Q2134	
Lab Sample ID:	VX0529WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046394.D	1		05/29/25 13:06	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	120		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.4		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	21.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.9		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	82000	5.544			
540-36-3	1,4-Difluorobenzene	144000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	61600	12.018			

Raw Data: **VX046394.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:		
Project:	DPW		Date Received:		
Client Sample ID:	VX0529WBSD01		SDG No.:	Q2134	
Lab Sample ID:	VX0529WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046394.D	1		05/29/25 13:06	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046394.D
Acq On : 29 May 2025 13:06
Operator : JC/MD
Sample : VX0529WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 01:26:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	81952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82013	53.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.360%			
35) Dibromofluoromethane	5.379	113	54900	52.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	8.647	98	182438	50.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	72649	52.597	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	22489	17.929	ug/l	100
3) Chloromethane	1.307	50	21494	17.670	ug/l	99
4) Vinyl Chloride	1.374	62	19694	17.396	ug/l	97
5) Bromomethane	1.593	94	9526	18.142	ug/l	99
6) Chloroethane	1.673	64	11472	18.982	ug/l	94
7) Trichlorofluoromethane	1.874	101	32862	19.641	ug/l	98
8) Diethyl Ether	2.130	74	11213	19.687	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	20279	19.586	ug/l	98
10) Methyl Iodide	2.447	142	22087	18.028	ug/l	98
11) Tert butyl alcohol	2.971	59	24247	113.059	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17969	18.491	ug/l	98
13) Acrolein	2.233	56	21866	89.527	ug/l	99
14) Allyl chloride	2.660	41	37710	20.305	ug/l	95
15) Acrylonitrile	3.063	53	69304	113.012	ug/l	98
16) Acetone	2.380	43	66906	109.217	ug/l	98
17) Carbon Disulfide	2.508	76	33194	14.408	ug/l	97
18) Methyl Acetate	2.703	43	38510	27.090	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71589	21.013	ug/l	99
20) Methylene Chloride	2.788	84	22367	19.053	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	18030	18.450	ug/l	97
22) Diisopropyl ether	3.758	45	78793	21.964	ug/l	92
23) Vinyl Acetate	3.715	43	328860	104.226	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41750	20.895	ug/l	97
25) 2-Butanone	4.556	43	101879	114.554	ug/l	97
26) 2,2-Dichloropropane	4.471	77	28968	18.522	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	23470	19.950	ug/l	99
28) Bromochloromethane	4.891	49	22454	23.346	ug/l	95
29) Tetrahydrofuran	5.001	42	62336	111.855	ug/l	99
30) Chloroform	5.087	83	44762	21.493	ug/l	89
31) Cyclohexane	5.458	56	33570	18.437	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	36924	20.453	ug/l	99
36) 1,1-Dichloropropene	5.684	75	27212	19.467	ug/l	99
37) Ethyl Acetate	4.715	43	36556	21.167	ug/l	99
38) Carbon Tetrachloride	5.666	117	30587	19.475	ug/l	96
39) Methylcyclohexane	7.373	83	31881	17.716	ug/l	96
40) Benzene	6.032	78	82338	20.110	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046394.D
Acq On : 29 May 2025 13:06
Operator : JC/MD
Sample : VX0529WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 01:26:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	21697	24.016	ug/l		99
42) 1,2-Dichloroethane	6.080	62	37771	21.374	ug/l		99
43) Isopropyl Acetate	6.336	43	58502	22.204	ug/l		97
44) Trichloroethene	7.123	130	19149	19.432	ug/l		95
45) 1,2-Dichloropropane	7.428	63	22707	22.303	ug/l		99
46) Dibromomethane	7.580	93	16801	20.923	ug/l		99
47) Bromodichloromethane	7.818	83	33947	21.465	ug/l		93
48) Methyl methacrylate	7.690	41	30253	22.484	ug/l		96
49) 1,4-Dioxane	7.659	88	12047	471.533	ug/l		98
51) 4-Methyl-2-Pentanone	8.568	43	206932	118.323	ug/l		97
52) Toluene	8.714	92	50222	20.004	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	27727	19.724	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32128	20.678	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	22171	22.396	ug/l		97
56) Ethyl methacrylate	9.116	69	34650	21.961	ug/l		99
57) 1,3-Dichloropropane	9.305	76	38244	21.511	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	93001	115.620	ug/l		99
59) 2-Hexanone	9.427	43	151208	116.864	ug/l		100
60) Dibromochloromethane	9.519	129	23437	21.557	ug/l		98
61) 1,2-Dibromoethane	9.604	107	22311	21.684	ug/l		97
64) Tetrachloroethene	9.269	164	17830	19.479	ug/l		94
65) Chlorobenzene	10.073	112	56806	20.062	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19206	19.864	ug/l		96
67) Ethyl Benzene	10.189	91	99081	19.851	ug/l		100
68) m/p-Xylenes	10.299	106	73785	40.419	ug/l		99
69) o-Xylene	10.640	106	36023	20.241	ug/l		95
70) Styrene	10.653	104	61440	21.075	ug/l		98
71) Bromoform	10.799	173	14477	19.943	ug/l	#	97
73) Isopropylbenzene	10.957	105	99638	20.768	ug/l		98
74) N-amyl acetate	10.842	43	49706	20.967	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35870	21.335	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31092m	20.961	ug/l		
77) Bromobenzene	11.195	156	22725	20.403	ug/l		98
78) n-propylbenzene	11.299	91	112966	20.251	ug/l		99
79) 2-Chlorotoluene	11.360	91	72447	20.135	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	83882	20.928	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8371	18.373	ug/l		90
82) 4-Chlorotoluene	11.451	91	82395	20.650	ug/l		99
83) tert-Butylbenzene	11.713	119	83328	20.640	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	85062	20.957	ug/l		99
85) sec-Butylbenzene	11.890	105	103878	20.955	ug/l		100
86) p-Isopropyltoluene	12.006	119	84483	20.647	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	41040	20.189	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	41947	20.206	ug/l		99
89) n-Butylbenzene	12.329	91	71334	19.875	ug/l		99
90) Hexachloroethane	12.536	117	14028	19.460	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	42678	20.922	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7472	20.062	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	22430	19.144	ug/l		100
94) Hexachlorobutadiene	13.719	225	10243	20.018	ug/l		98
95) Naphthalene	13.774	128	84078	19.566	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23992	19.846	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046394.D
Acq On : 29 May 2025 13:06
Operator : JC/MD
Sample : VX0529WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:26:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

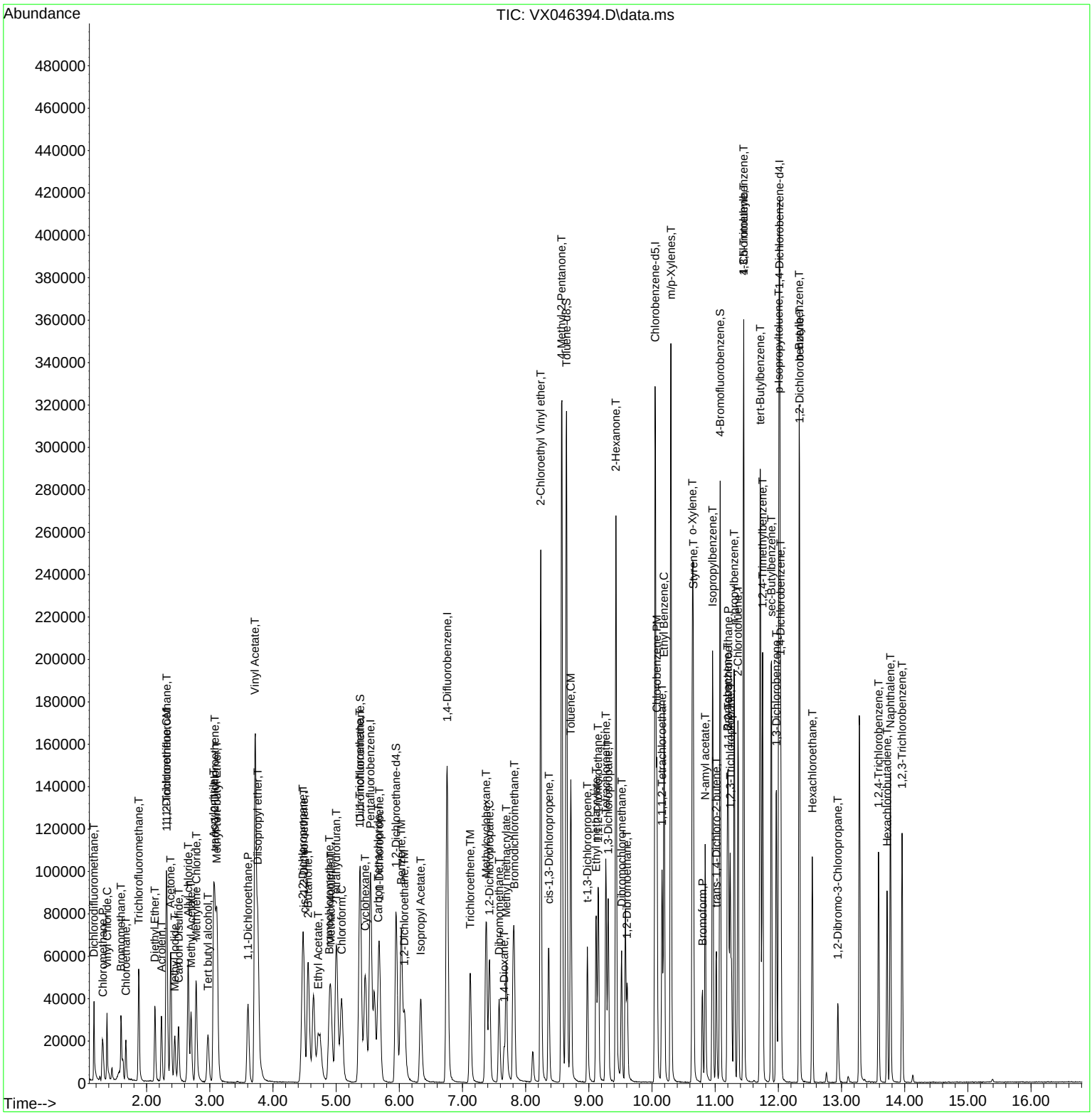
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046394.D
Acq On : 29 May 2025 13:06
Operator : JC/MD
Sample : VX0529WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 01:26:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx052925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046390.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:45:45 AM	MMDadoda	5/30/2025 12:22:38 PM	Peak Integrated by Software
VX0529WBS01	VX046393.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:45:49 AM	MMDadoda	5/30/2025 12:22:38 PM	Peak Integrated by Software
VX0529WBSD01	VX046394.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:45:53 AM	MMDadoda	5/30/2025 12:22:47 PM	Peak Integrated by Software
Q2134-01	VX046395.D	n-Butylbenzene	JOHN	5/30/2025 9:45:57 AM	MMDadoda	5/30/2025 12:22:49 PM	Peak Integrated by Software
VSTDCCC050	VX046407.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:46:13 AM	MMDadoda	5/30/2025 12:23:27 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 # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX052925

Review By	John Carlone	Review On	5/30/2025 9:47:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:25:02 PM		
SubDirectory	VX052925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134044
Initial Calibration Stds	
CCC	VP134045,VP1334046
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046389.D	29 May 2025 08:21	JC/MD	Ok
2	VSTDCCC050	VX046390.D	29 May 2025 11:27	JC/MD	Ok,M
3	VX0529MBL01	VX046391.D	29 May 2025 11:54	JC/MD	Ok
4	VX0529WBL01	VX046392.D	29 May 2025 12:18	JC/MD	Ok
5	VX0529WBS01	VX046393.D	29 May 2025 12:41	JC/MD	Ok,M
6	VX0529WBSD01	VX046394.D	29 May 2025 13:06	JC/MD	Ok,M
7	Q2134-01	VX046395.D	29 May 2025 13:30	JC/MD	Ok,M
8	IBLK	VX046396.D	29 May 2025 13:53	JC/MD	Ok
9	VX0529MBS01	VX046397.D	29 May 2025 14:16	JC/MD	Ok,M
10	VX0529MBSD01	VX046398.D	29 May 2025 14:47	JC/MD	Ok,M
11	Q2137-01	VX046399.D	29 May 2025 15:10	JC/MD	Ok
12	Q2139-01	VX046400.D	29 May 2025 15:33	JC/MD	Dilution
13	IBLK	VX046401.D	29 May 2025 15:57	JC/MD	Ok
14	IBLK	VX046402.D	29 May 2025 16:20	JC/MD	Ok
15	Q2139-01DL	VX046403.D	29 May 2025 16:43	JC/MD	Ok
16	Q2155-04	VX046404.D	29 May 2025 17:07	JC/MD	Ok
17	Q2155-03	VX046405.D	29 May 2025 17:30	JC/MD	Ok
18	IBLK	VX046406.D	29 May 2025 17:53	JC/MD	Ok
19	VSTDCCC050	VX046407.D	29 May 2025 18:17	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX052925

Review By	John Carlone	Review On	5/30/2025 9:47:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:25:02 PM		
SubDirectory	VX052925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134044
Initial Calibration Stds	
CCC	VP134045,VP1334046
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	VX046389.D	29 May 2025 08:21		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046390.D	29 May 2025 11:27	pH#Lot#V12668	JC/MD	Ok,M
3	VX0529MBL01	VX0529MBL01	VX046391.D	29 May 2025 11:54		JC/MD	Ok
4	VX0529WBL01	VX0529WBL01	VX046392.D	29 May 2025 12:18		JC/MD	Ok
5	VX0529WBS01	VX0529WBS01	VX046393.D	29 May 2025 12:41		JC/MD	Ok,M
6	VX0529WBSD01	VX0529WBSD01	VX046394.D	29 May 2025 13:06		JC/MD	Ok,M
7	Q2134-01	MW10	VX046395.D	29 May 2025 13:30	vial B pH<2	JC/MD	Ok,M
8	IBLK	IBLK	VX046396.D	29 May 2025 13:53		JC/MD	Ok
9	VX0529MBS01	VX0529MBS01	VX046397.D	29 May 2025 14:16		JC/MD	Ok,M
10	VX0529MBSD01	VX0529MBSD01	VX046398.D	29 May 2025 14:47		JC/MD	Ok,M
11	Q2137-01	MOO-25-0151	VX046399.D	29 May 2025 15:10	cloth material	JC/MD	Ok
12	Q2139-01	BELL-25-0010	VX046400.D	29 May 2025 15:33	Need 10X	JC/MD	Dilution
13	IBLK	IBLK	VX046401.D	29 May 2025 15:57		JC/MD	Ok
14	IBLK	IBLK	VX046402.D	29 May 2025 16:20		JC/MD	Ok
15	Q2139-01DL	BELL-25-0010DL	VX046403.D	29 May 2025 16:43	cloth material	JC/MD	Ok
16	Q2155-04	444	VX046404.D	29 May 2025 17:07	vial A pH<2 yellow sample	JC/MD	Ok
17	Q2155-03	447-WATER	VX046405.D	29 May 2025 17:30	vial A pH<2 brown/ turbid sample	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX052925

Review By	John Carlone	Review On	5/30/2025 9:47:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:25:02 PM		
SubDirectory	VX052925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134044
Initial Calibration Stds	
CCC	VP134045,VP1334046
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX046406.D	29 May 2025 17:53		JC/MD	Ok
19	VSTDCCC050	VSTDCCC050EC	VX046407.D	29 May 2025 18:17		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2134
COC Number 2046124

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G ENVIRONMENTAL
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: DPW
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G ENVIRONMENTAL PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
X EDD FORMAT Excel or PDF MASite NJDEP

ANALYSIS

1: TCL VOC+TICs 2: TCL SVOC+TICs 3: (No Phenols) 4: (No Lowest BNA) 5: 6: Na, Fe, Mn 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								Hcl	Ice				HNO3				← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW10	GW		X	5/27/25	1330	5	X	X				X				
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/28/25 9:39	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: 1 Cooler

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2134 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 5/28/2025 11:45:10 AM
Project Name : DPW
Receive DateTime : 5/28/2025 ~~12:00:00~~ 9:31 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduce
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2134-01	MW10	Water	05/27/2025	13:30					
					VOCMS Group2		8260-Low	10 Bus. Days	

Relinquished By : CJ
Date / Time : 5/28/25 1253

Received By : ADeP
Date / Time : 05/28/25

Storage Area : VOA Refridgerator Room