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:	Q3278	**OrderDate:**	10/2/2025 3:52:00 PM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3278-01	**MW10**	**Water**			**10/02/25**			**10/02/25**
			VOCMS Group2	8260-Low			10/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3278

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW10**								
Q3278-01	MW10	Water	Cyclohexane		11.1		1.50	5.00	ug/L
Q3278-01	MW10	Water	Methylcyclohexane		10.1		0.16	1.00	ug/L
Q3278-01	MW10	Water	Benzene		0.74	J	0.15	1.00	ug/L
Q3278-01	MW10	Water	Toluene		0.36	J	0.14	1.00	ug/L
Q3278-01	MW10	Water	Chlorobenzene		2.30		0.12	1.00	ug/L
Q3278-01	MW10	Water	Ethyl Benzene		6.50		0.13	1.00	ug/L
Q3278-01	MW10	Water	m/p-Xylenes		0.76	J	0.24	2.00	ug/L
Q3278-01	MW10	Water	Isopropylbenzene		4.70		0.12	1.00	ug/L
Q3278-01	MW10	Water	1,2-Dichlorobenzene		0.36	J	0.16	1.00	ug/L
			Total Voc :		36.9				
Q3278-01	MW10	Water	Butane, 2-methyl-	*	35.3	J	0	0	ug/L
Q3278-01	MW10	Water	Butane, 2,3-dimethyl-	*	32.7	J	0	0	ug/L
Q3278-01	MW10	Water	Benzene, 1,2,4,5-tetramethyl-	*	20.0	J	0	0	ug/L
Q3278-01	MW10	Water	Pentane, 3-methyl-	*	52.1	J	0	0	ug/L
Q3278-01	MW10	Water	Cyclopentane, methyl-	*	32.8	J	0	0	ug/L
Q3278-01	MW10	Water	Pentane, 2,3-dimethyl-	*	51.4	J	0	0	ug/L
Q3278-01	MW10	Water	Pentane, 2,3,4-trimethyl-	*	23.3	J	0	0	ug/L
Q3278-01	MW10	Water	Hexane, 3-methyl-	*	21.9	J	0	0	ug/L
Q3278-01	MW10	Water	Benzene, 1-ethenyl-2-methyl-	*	64.3	J	0	0	ug/L
Q3278-01	MW10	Water	Indan, 1-methyl-	*	52.5	J	0	0	ug/L
Q3278-01	MW10	Water	1H-Indene, 2,3-dihydro-5-meth	*	50.4	J	0	0	ug/L
Q3278-01	MW10	Water	Benzene, 1-ethenyl-4-ethyl-	*	22.4	J	0	0	ug/L
Q3278-01	MW10	Water	n-propylbenzene	*	8.60	J	0.13	1.00	ug/L
Q3278-01	MW10	Water	tert-Butylbenzene	*	1.50	J	0.14	1.00	ug/L
Q3278-01	MW10	Water	1,2,4-Trimethylbenzene	*	2.10	J	0.14	1.00	ug/L
Q3278-01	MW10	Water	sec-Butylbenzene	*	2.90	J	0.13	1.00	ug/L
Q3278-01	MW10	Water	n-Butylbenzene	*	1.90	J	0.15	1.00	ug/L
			Total Tics :		476				
			Total Concentration:		513				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3278

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3278-01	MW10	1,2-Dichloroethane-d4	50	47.2	94		70 (74)	130 (125)
		Dibromofluoromethane	50	47.2	94		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.6	111		70 (77)	130 (121)
VX1007WBL01	VX1007WBL01	1,2-Dichloroethane-d4	50	57.3	115		70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.8	114		70 (77)	130 (121)
VX1007WBS01	VX1007WBS01	1,2-Dichloroethane-d4	50	54.3	109		70 (74)	130 (125)
		Dibromofluoromethane	50	55.8	112		70 (75)	130 (124)
		Toluene-d8	50	53.5	107		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.7	109		70 (77)	130 (121)
VX1007WBSD0	VX1007WBSD01	1,2-Dichloroethane-d4	50	53.0	106		70 (74)	130 (125)
		Dibromofluoromethane	50	54.9	110		70 (75)	130 (124)
		Toluene-d8	50	53.2	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.5	107		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3278 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX048039.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1007WBS01	Dichlorodifluoromethane	20	19.3	ug/L	97			40 (69)	160 (116)	
	Chloromethane	20	17.1	ug/L	86			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	19.9	ug/L	100			40 (58)	160 (125)	
	Chloroethane	20	20.0	ug/L	100			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.2	ug/L	101			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.7	ug/L	99			70 (74)	130 (110)	
	Acetone	100	100	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.3	ug/L	106			70 (78)	130 (114)	
	Methyl Acetate	20	24.1	ug/L	121			70 (67)	130 (125)	
	Methylene Chloride	20	20.7	ug/L	104			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	21.3	ug/L	106			70 (78)	130 (112)	
	Cyclohexane	20	17.4	ug/L	87			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.7	ug/L	104			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	21.5	ug/L	108			70 (77)	130 (110)	
	Bromochloromethane	20	22.7	ug/L	114			70 (70)	130 (124)	
	Chloroform	20	22.3	ug/L	112			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.2	ug/L	106			70 (80)	130 (108)	
	Methylcyclohexane	20	17.2	ug/L	86			70 (72)	130 (115)	
	Benzene	20	21.0	ug/L	105			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.9	ug/L	110			70 (80)	130 (115)	
	Trichloroethene	20	20.8	ug/L	104			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.9	ug/L	110			70 (83)	130 (111)	
	Bromodichloromethane	20	22.8	ug/L	114			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	120	ug/L	120			40 (74)	160 (118)	
	Toluene	20	21.0	ug/L	105			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.5	ug/L	108			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	23.4	ug/L	117			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	23.8	ug/L	119			70 (82)	130 (110)	
	1,2-Dibromoethane	20	22.7	ug/L	114			70 (81)	130 (110)	
	Tetrachloroethene	20	19.0	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	
	Ethyl Benzene	20	19.6	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	40.1	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.9	ug/L	100			70 (83)	130 (109)	
	Styrene	20	20.0	ug/L	100			70 (80)	130 (111)	
	Bromoform	20	22.9	ug/L	115			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.6	ug/L	98			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3278 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX048039.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1007WBS01	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3278 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX048040.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1007WBSD01	Dichlorodifluoromethane	20	19.2	ug/L	96	1		40 (69)	160 (116)	20 (19)
	Chloromethane	20	16.7	ug/L	84	2		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.4	ug/L	92	3		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.7	ug/L	99	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.5	ug/L	93	7		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.9	ug/L	100	1		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101	1		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.1	ug/L	96	3		70 (74)	130 (110)	20 (20)
	Acetone	100	88.7	ug/L	89	12		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.5	ug/L	83	2		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.4	ug/L	102	4		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.7	ug/L	119	2		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.2	ug/L	101	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.3	ug/L	97	0		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	20.3	ug/L	102	4		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.1	ug/L	91	4		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	20.4	ug/L	102	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	9		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.5	ug/L	113	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	21.8	ug/L	109	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	21.3	ug/L	106	0		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.5	ug/L	93	8		70 (72)	130 (115)	20 (20)
	Benzene	20	20.3	ug/L	102	3		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	21.1	ug/L	106	4		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.0	ug/L	100	4		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	21.7	ug/L	109	1		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	22.1	ug/L	111	3		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	120	ug/L	120	0		40 (74)	160 (118)	20 (25)
	Toluene	20	20.7	ug/L	104	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.6	ug/L	103	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.9	ug/L	104	4		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	22.9	ug/L	115	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	23.2	ug/L	116	3		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	22.4	ug/L	112	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.8	ug/L	99	4		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.5	ug/L	103	0		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.6	ug/L	98	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	40.5	ug/L	101	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.8	ug/L	99	1		70 (83)	130 (109)	20 (20)
	Styrene	20	20.4	ug/L	102	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.4	ug/L	112	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107	0		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.6	ug/L	98	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.0	ug/L	100	2		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	20.4	ug/L	102	3		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3278 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX048040.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1007WBSD01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/L	100	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	5		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100	6		70 (76)	130 (114)	20 (29)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1007WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3278

Lab File ID: VX048038.D Lab Sample ID: VX1007WBL01

Date Analyzed: 10/07/2025 Time Analyzed: 09:34

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
VX1007WBS01	VX1007WBS01	VX048039.D	10/07/2025
VX1007WBSD01	VX1007WBSD01	VX048040.D	10/07/2025
MW10	Q3278-01	VX048043.D	10/07/2025

COMMENTS:

Raw Data: **VX047584.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3278

Lab File ID: VX047584.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:56

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

Raw Data: **VX048035.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3278
Lab File ID: VX048035.D
BFB Injection Date: 10/07/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:07
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.2 (7.4) 1
176	95.0 - 101.0% of mass 174	67.1 (95.6) 1
177	5.0 - 9.0% of mass 176	4.5 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048036.D	10/07/2025	08:44
VX1007WBL01	VX1007WBL01	VX048038.D	10/07/2025	09:34
VX1007WBS01	VX1007WBS01	VX048039.D	10/07/2025	10:06
VX1007WBSD01	VX1007WBSD01	VX048040.D	10/07/2025	10:34
MW10	Q3278-01	VX048043.D	10/07/2025	11:38

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3278

Lab File ID: VX048036.D Date Analyzed: 10/07/2025

Instrument ID: MSVOA_X Time Analyzed: 08:44

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	144874	5.53	249421	6.74	221582	10.04
UPPER LIMIT	289748	6.025	498842	7.239	443164	10.537
LOWER LIMIT	72437	5.025	124711	6.239	110791	9.537
EPA SAMPLE NO.						
MW10	190887	5.54	376118	6.75	377293	10.04
VX1007WBL01	133238	5.54	276412	6.75	291549	10.04
VX1007WBS01	127551	5.53	226030	6.75	211007	10.04
VX1007WBSD01	129287	5.53	226163	6.75	207970	10.04

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

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

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

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3278

Lab File ID: VX048036.D Date Analyzed: 10/07/2025

Instrument ID: MSVOA_X Time Analyzed: 08:44

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

	IS4 AREA #	RT #				
12 HOUR STD	111843	12.006				
UPPER LIMIT	223686	12.506				
LOWER LIMIT	55921.5	11.506				
EPA SAMPLE NO.						
MW10	186931	12.01				
VX1007WBL01	144709	12.01				
VX1007WBS01	108312	12.01				
VX1007WBSD01	105986	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VX048043.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:	10/02/25
Project:	DPW	Date Received:	10/02/25
Client Sample ID:	MW10	SDG No.:	Q3278
Lab Sample ID:	Q3278-01	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:	Date Analyzed	Prep Batch ID
VX048043.D	1	10/07/25 11:38	VX100725

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	11.1		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	10.1		0.16	1.00	ug/L
71-43-2	Benzene	0.74	J	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	0.36	J	0.14	1.00	ug/L

Raw Data: **VX048043.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:	10/02/25	
Project:	DPW		Date Received:	10/02/25	
Client Sample ID:	MW10		SDG No.:	Q3278	
Lab Sample ID:	Q3278-01		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:	Date Analyzed	Prep Batch ID
VX048043.D	1	10/07/25 11:38	VX100725

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	2.30		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	6.50		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.76	J	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	4.70		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	0.36	J	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	47.2		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	5.537			
540-36-3	1,4-Difluorobenzene	376000	6.745			
3114-55-4	Chlorobenzene-d5	377000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	187000	12.006			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX048043.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25
Project:	DPW	Date Received:	10/02/25
Client Sample ID:	MW10	SDG No.:	Q3278
Lab Sample ID:	Q3278-01	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:	Date Analyzed	Prep Batch ID
VX048043.D	1	10/07/25 11:38	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	35.3	J		1.76	ug/L
000079-29-8	Butane, 2,3-dimethyl-	32.7	J		2.78	ug/L
000096-14-0	Pentane, 3-methyl-	52.1	J		3.10	ug/L
000096-37-7	Cyclopentane, methyl-	32.8	J		4.30	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	51.4	J		5.61	ug/L
000589-34-4	Hexane, 3-methyl-	21.9	J		5.81	ug/L
000565-75-3	Pentane, 2,3,4-trimethyl-	23.3	J		7.97	ug/L
103-65-1	n-propylbenzene	8.60	J		11.3	ug/L
98-06-6	tert-Butylbenzene	1.50	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.10	J		11.7	ug/L
135-98-8	sec-Butylbenzene	2.90	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	64.3	J		12.2	ug/L
104-51-8	n-Butylbenzene	1.90	J		12.3	ug/L
000767-58-8	Indan, 1-methyl-	52.5	J		12.7	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	20.0	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	22.4	J		13.1	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	50.4	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\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 08 01:25:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	190887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	376118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	377293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	143407	47.198	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.400%			
35) Dibromofluoromethane	5.373	113	119064	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	8.634	98	421940	48.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.680%			
62) 4-Bromofluorobenzene	11.061	95	184344	55.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.300%			
Target Compounds						Qvalue
31) Cyclohexane	5.464	56	44440	11.068	ug/l #	89
39) Methylcyclohexane	7.366	83	42344	10.120	ug/l	88
40) Benzene	6.031	78	8330	0.744	ug/l	96
52) Toluene	8.702	92	2463	0.357	ug/l	92
65) Chlorobenzene	10.061	112	19904	2.322	ug/l	99
67) Ethyl Benzene	10.177	91	96123	6.500	ug/l	99
68) m/p-Xylenes	10.287	106	4182	0.760	ug/l	80
73) Isopropylbenzene	10.945	105	67480	4.748	ug/l	98
78) n-propylbenzene	11.286	91	144810	8.620	ug/l	100
83) tert-Butylbenzene	11.695	119	18424	1.541	ug/l	88
84) 1,2,4-Trimethylbenzene	11.731	105	24964	2.109	ug/l	100
85) sec-Butylbenzene	11.872	105	40701	2.867	ug/l	95
89) n-Butylbenzene	12.311	91	21049m	1.893	ug/l	
91) 1,2-Dichlorobenzene	12.317	146	2247	0.363	ug/l	96

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

Sample Results: **VX048043.D**

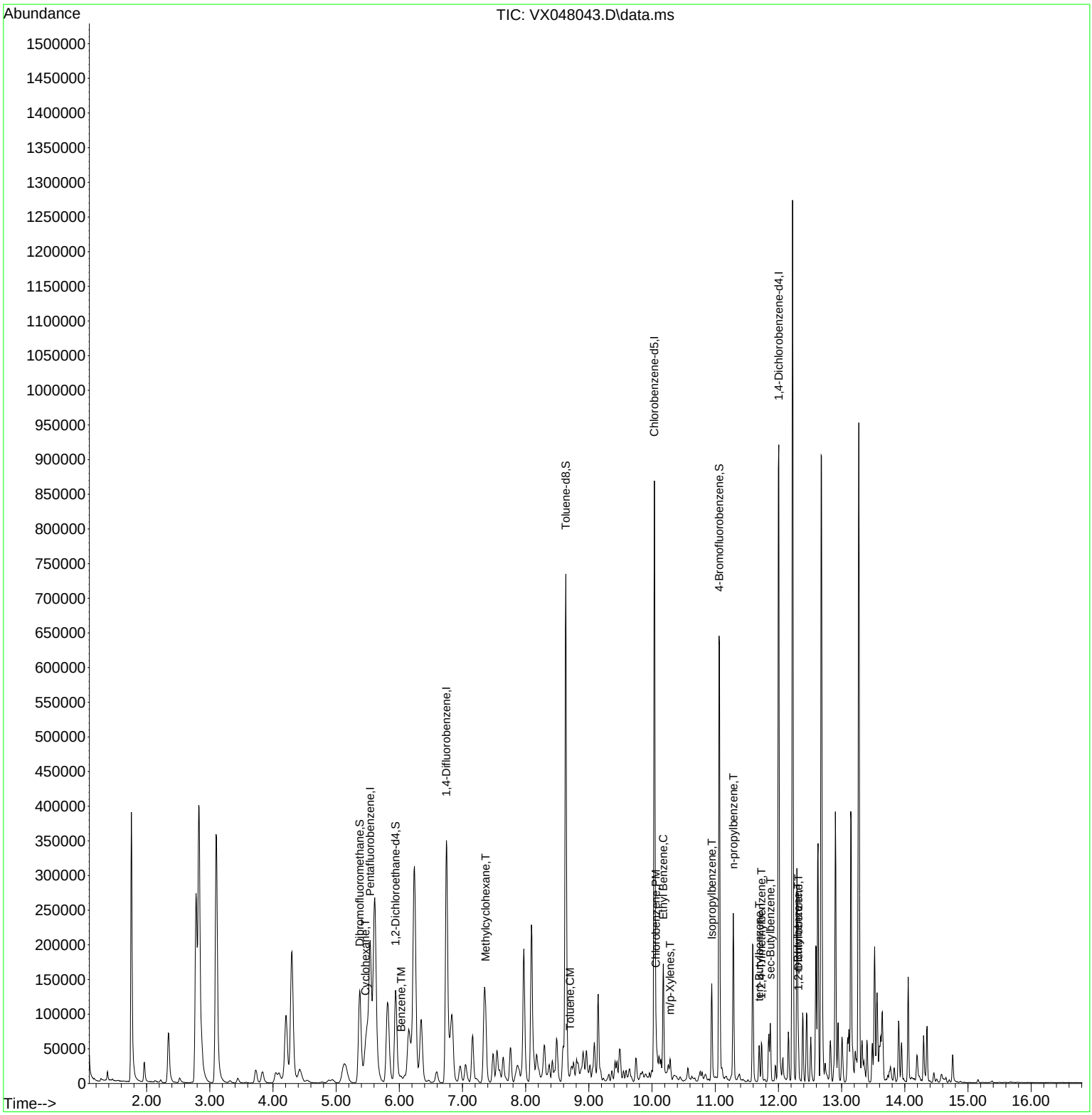
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

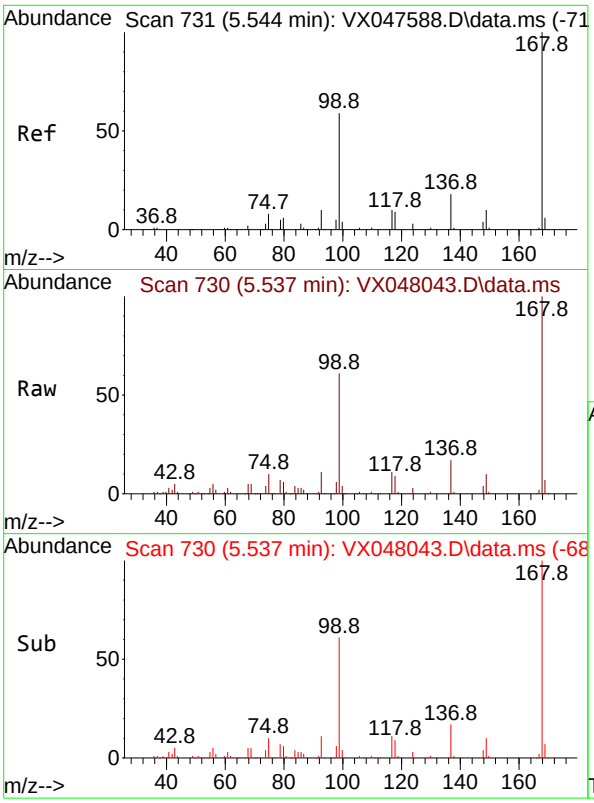
Quant Time: Oct 08 01:25:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

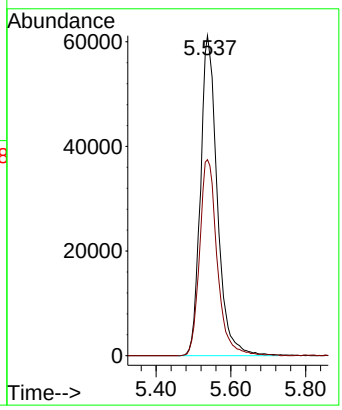




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:168 Resp: 19088

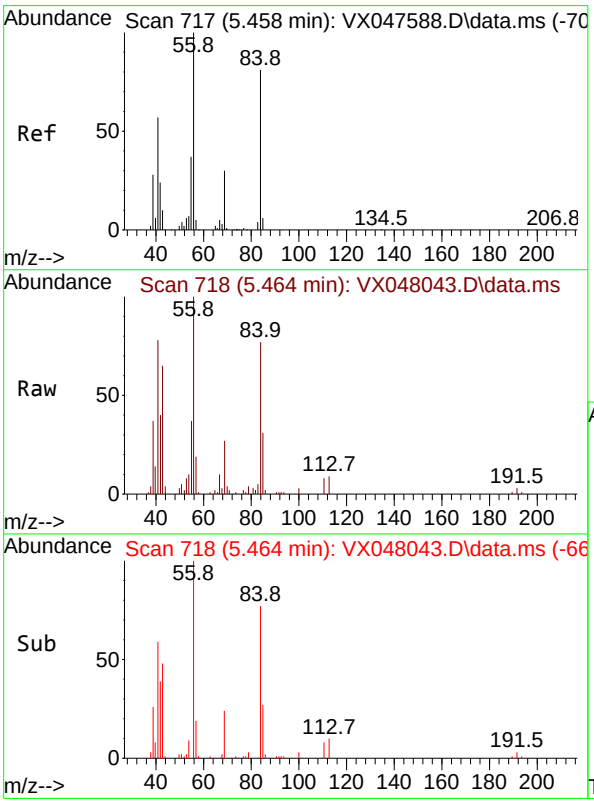
Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

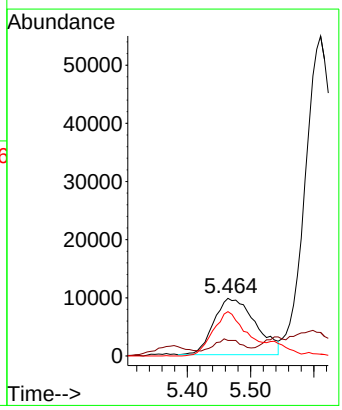
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

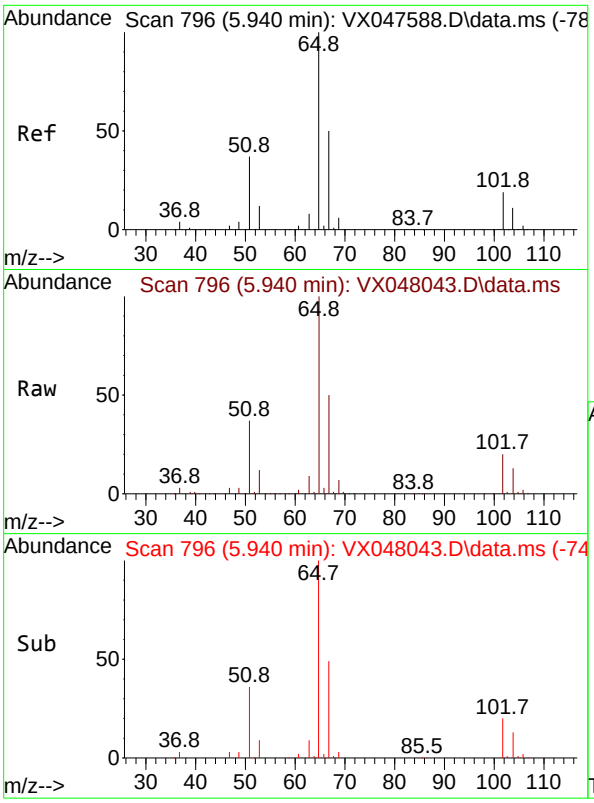


#31
Cyclohexane
Concen: 11.068 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 56 Resp: 44440

Ion	Ratio	Lower	Upper
56	100		
69	10.9	23.8	35.8#
84	78.6	64.6	97.0

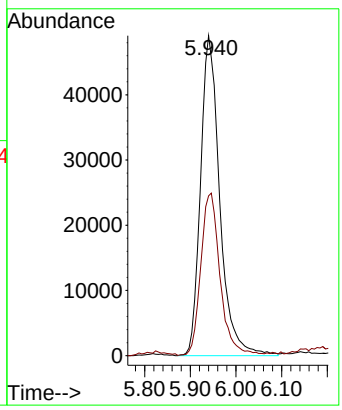




#33
1,2-Dichloroethane-d4
Concen: 47.198 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 65 Resp: 14340

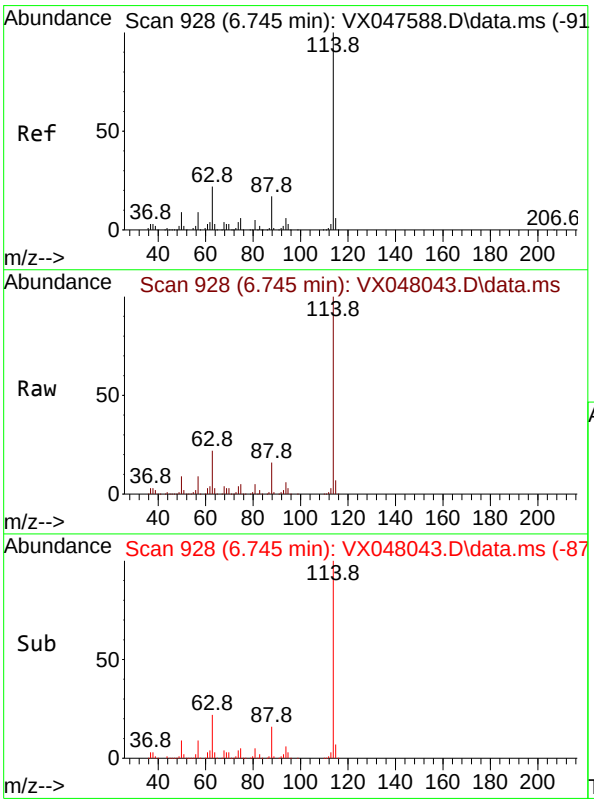
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

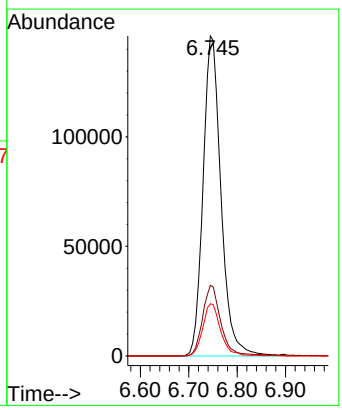
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

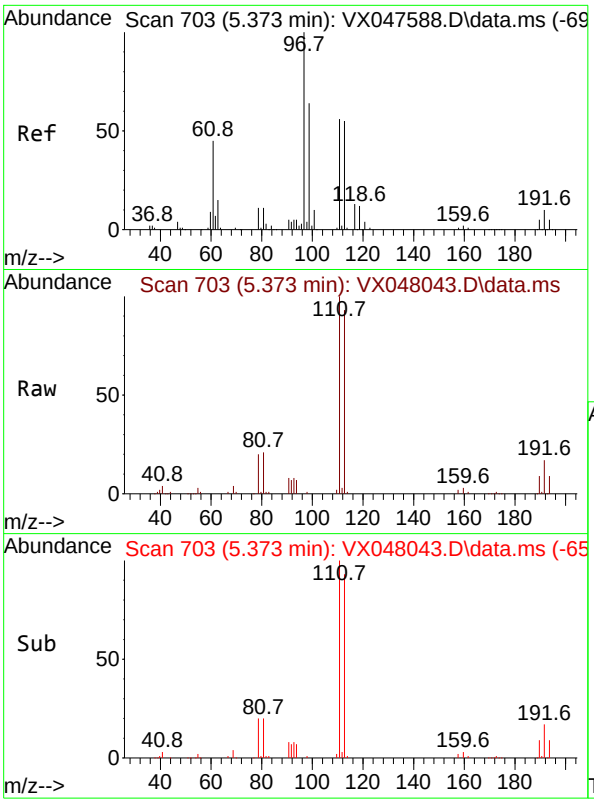


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:114 Resp: 376118

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	16.3	0.0	34.2

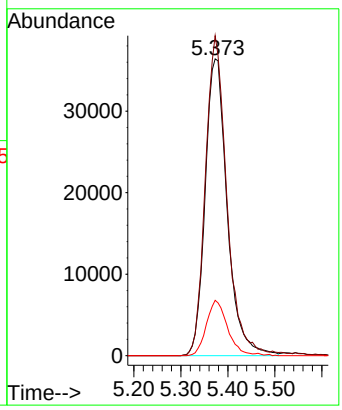




#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:113 Resp: 11906

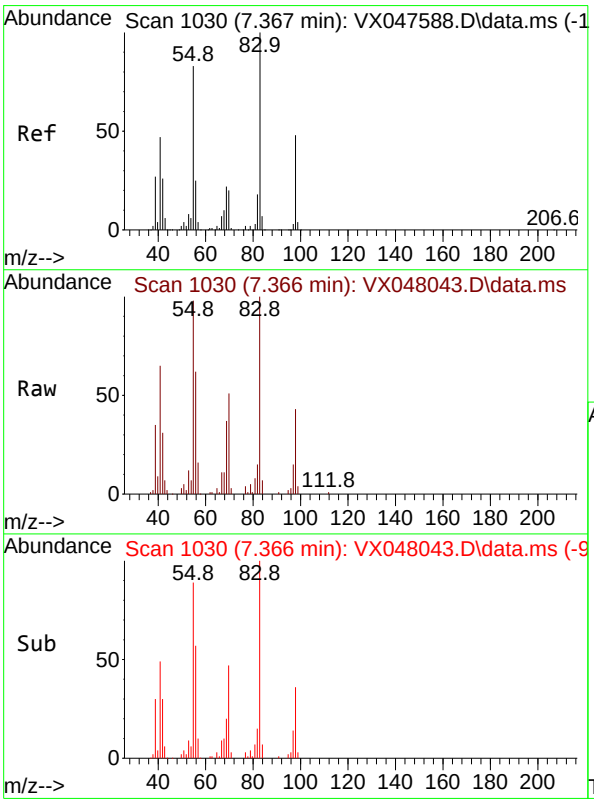
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

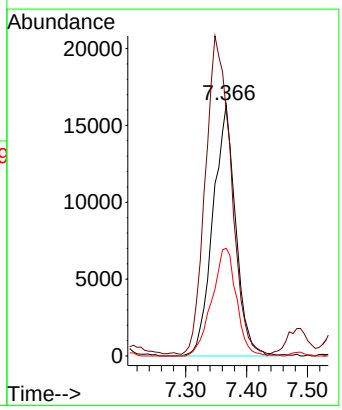
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

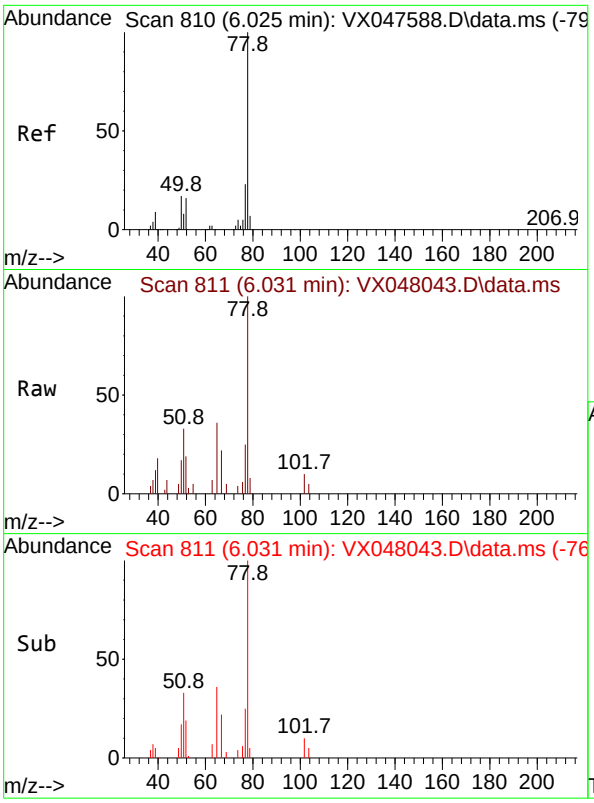


#39
Methylcyclohexane
Concen: 10.120 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 83 Resp: 42344

Ion	Ratio	Lower	Upper
83	100		
55	96.7	66.4	99.6
98	42.9	38.1	57.1

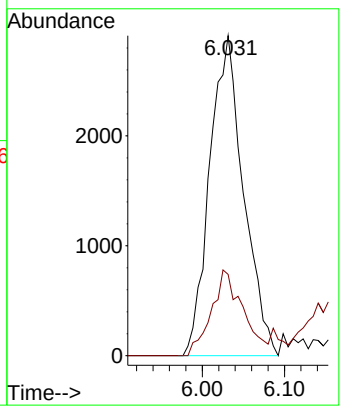




#40
Benzene
Concen: 0.744 ug/l
RT: 6.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 78 Resp: 833

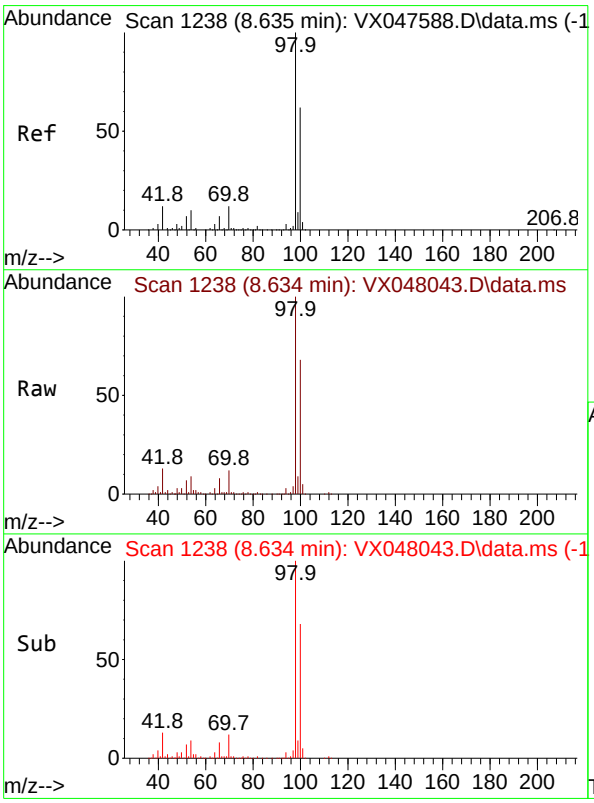
Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

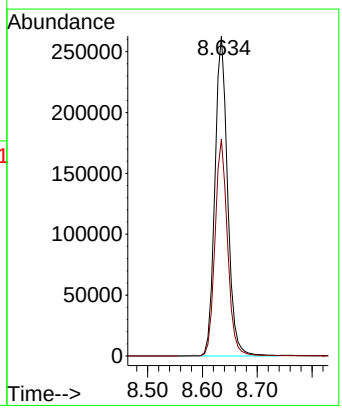
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

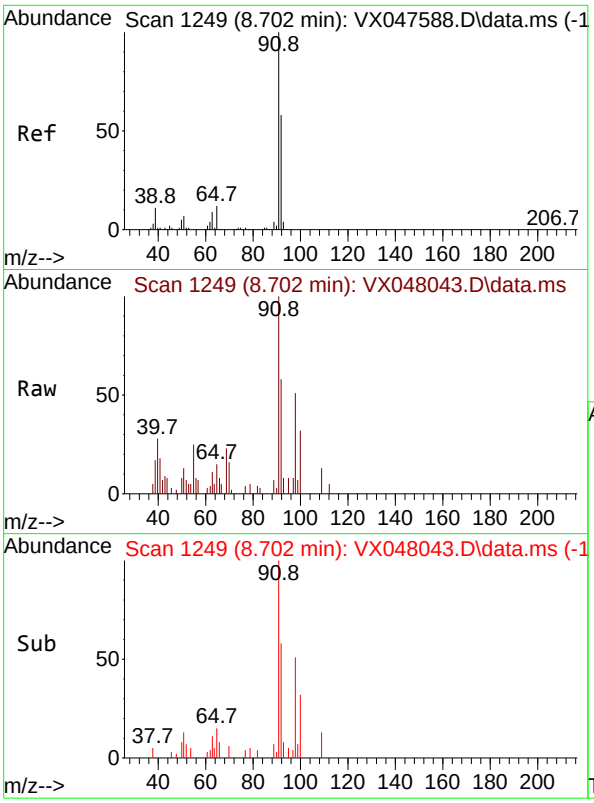


#50
Toluene-d8
Concen: 48.342 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 98 Resp: 421940

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

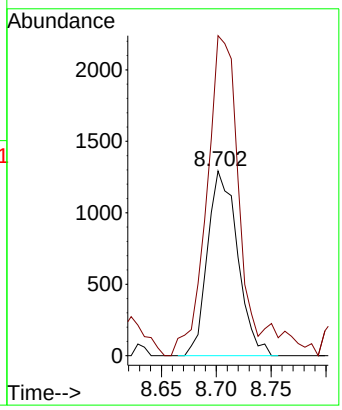




#52
Toluene
Concen: 0.357 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 92 Resp: 246

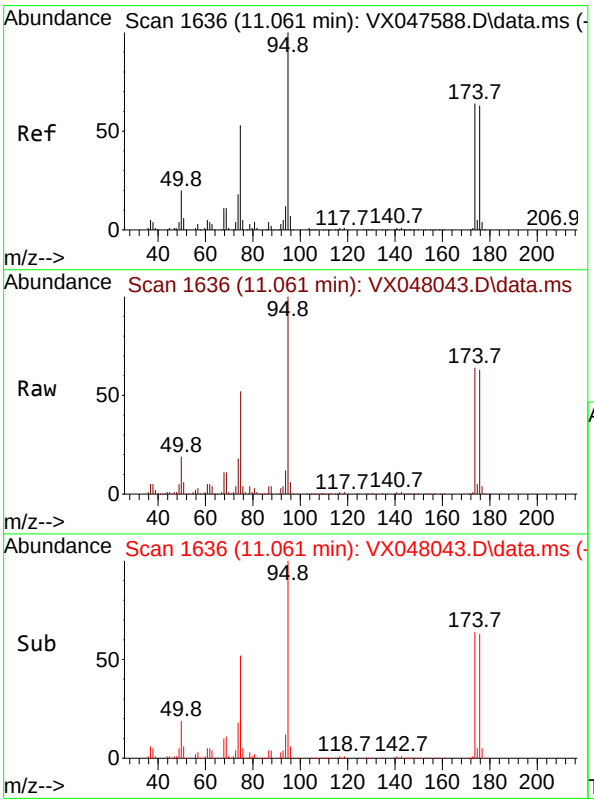
Ion	Ratio	Lower	Upper
92	100		
91	182.1	137.1	205.7



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

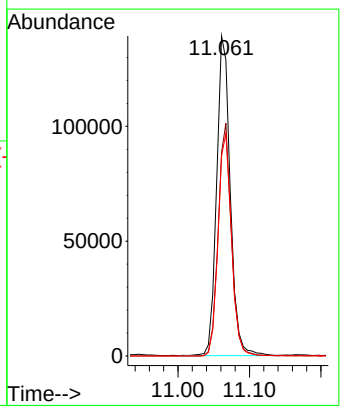
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

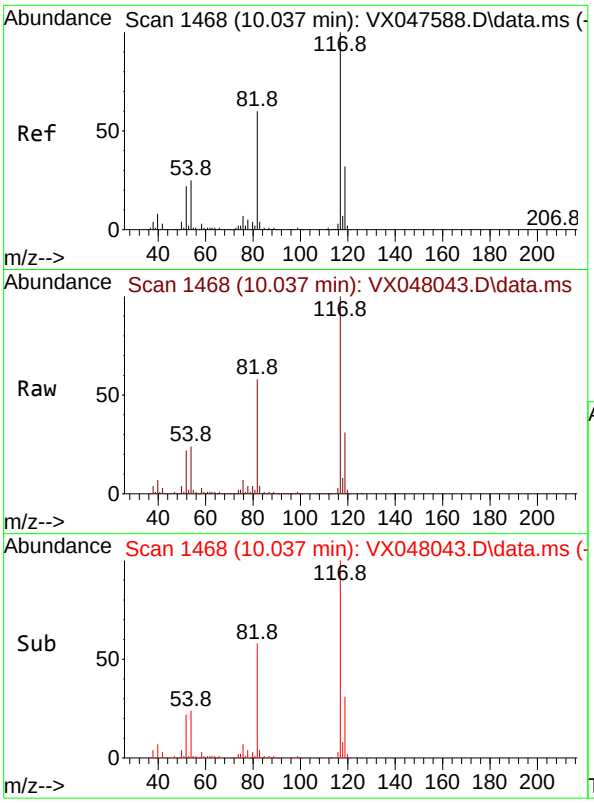


#62
4-Bromofluorobenzene
Concen: 55.651 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 95 Resp: 184344

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.2	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

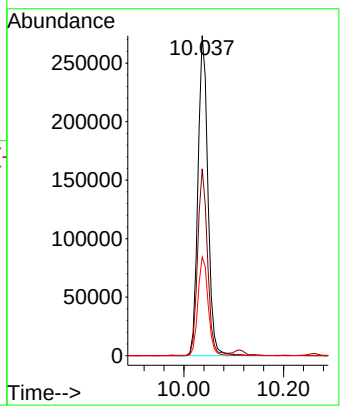
Tgt Ion:117 Resp: 37729

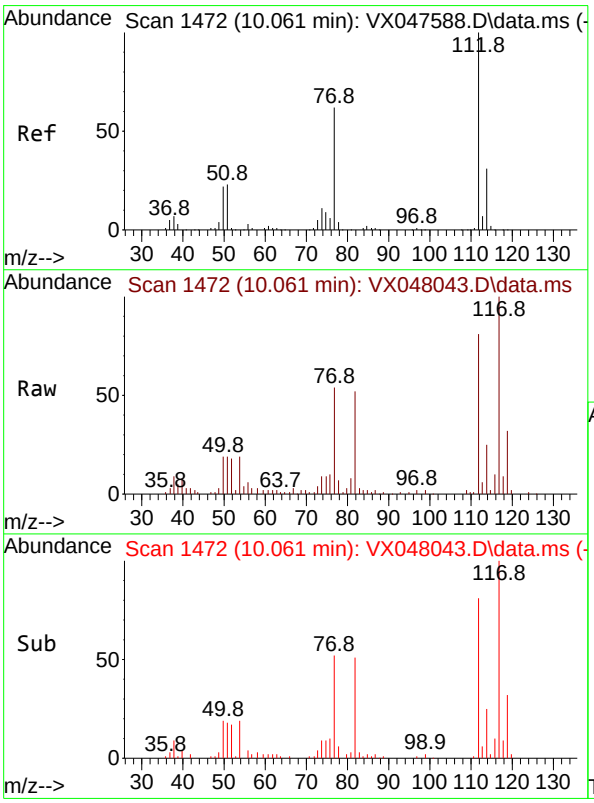
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.6
119	30.9	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

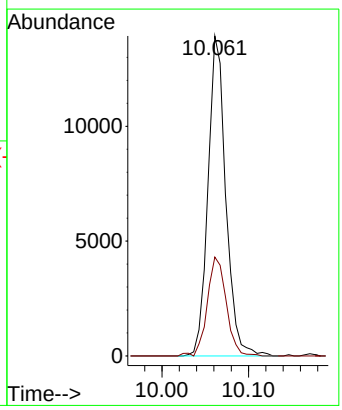


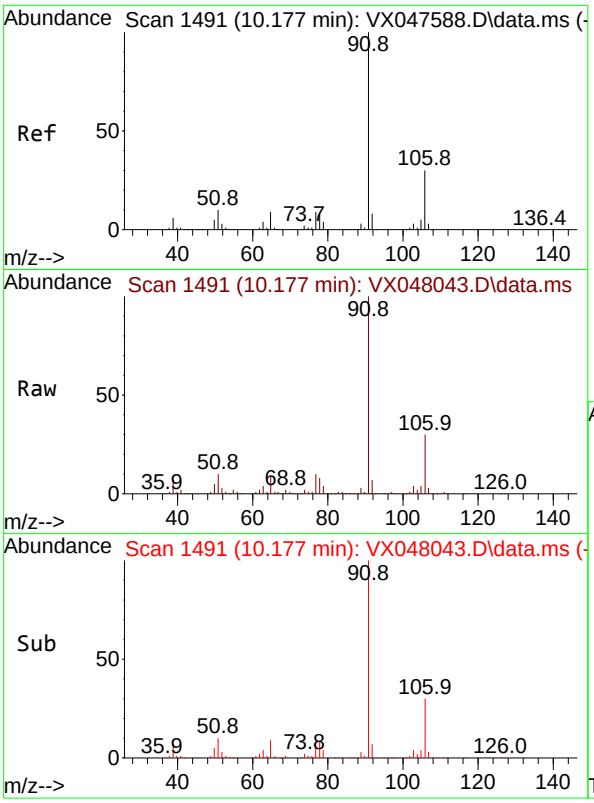


#65
Chlorobenzene
Concen: 2.322 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:112 Resp: 19904

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7





#67
Ethyl Benzene
Concen: 6.500 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

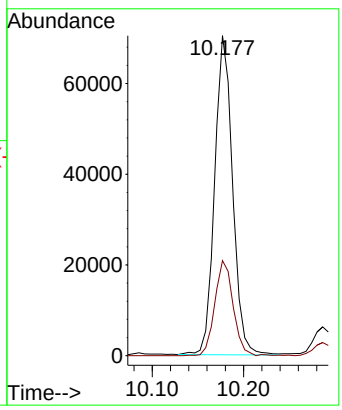
Tgt Ion: 91 Resp: 9612

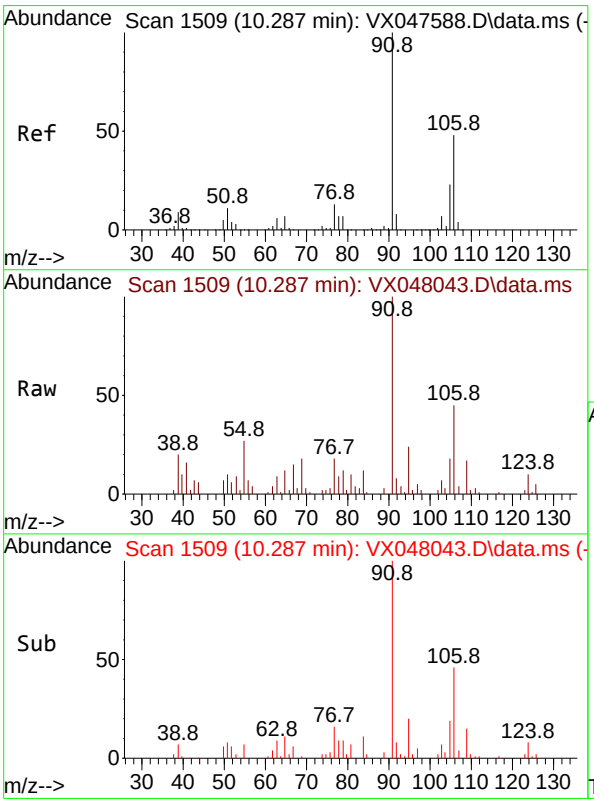
Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

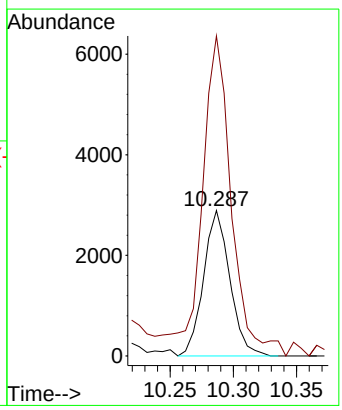


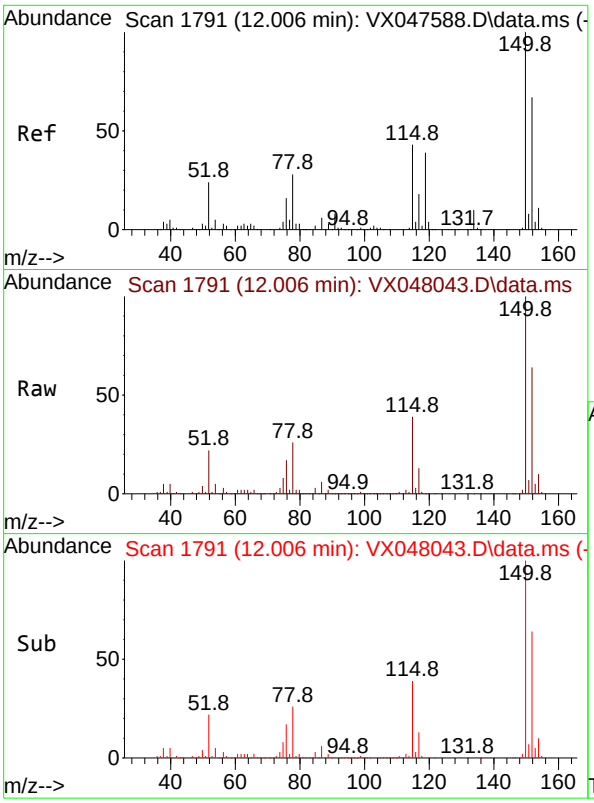


#68
m/p-Xylenes
Concen: 0.760 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:106 Resp: 4182

Ion	Ratio	Lower	Upper
106	100		
91	241.0	167.8	251.8

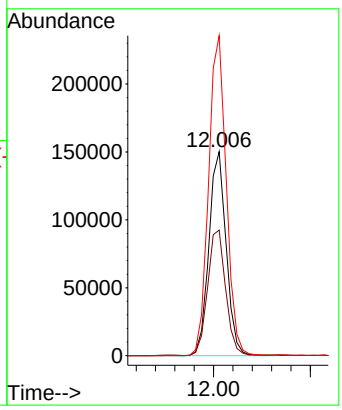




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:152 Resp: 18693

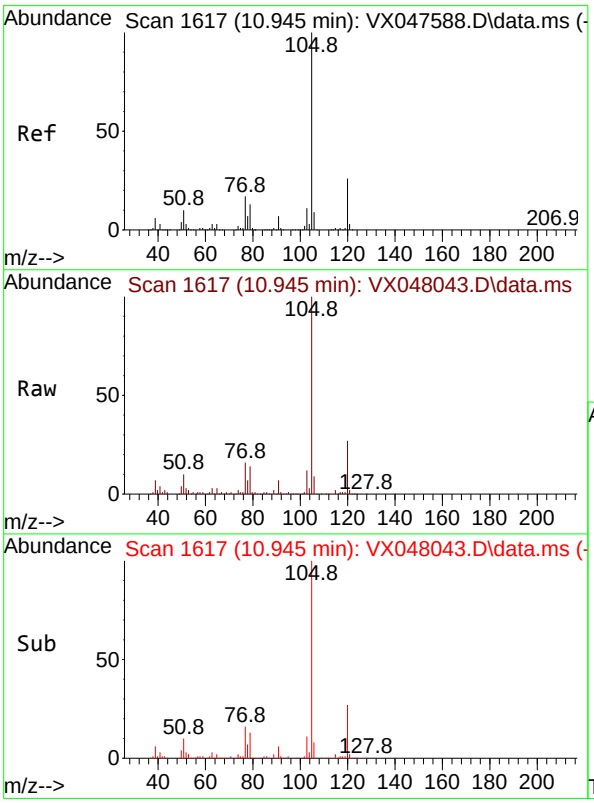
Ion	Ratio	Lower	Upper
152	100		
115	64.0	44.9	134.5
150	160.0	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

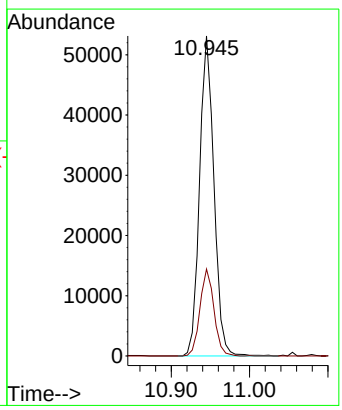
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

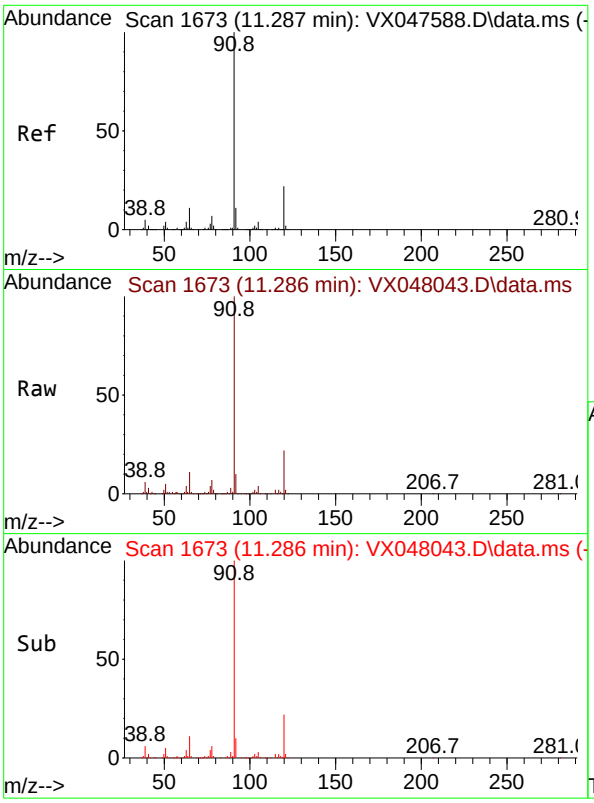


#73
Isopropylbenzene
Concen: 4.748 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:105 Resp: 67480

Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.8	38.4





#78
n-propylbenzene
Concen: 8.620 ug/l
RT: 11.286 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

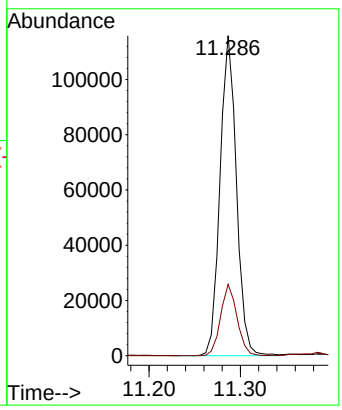
Tgt Ion: 91 Resp: 14481(

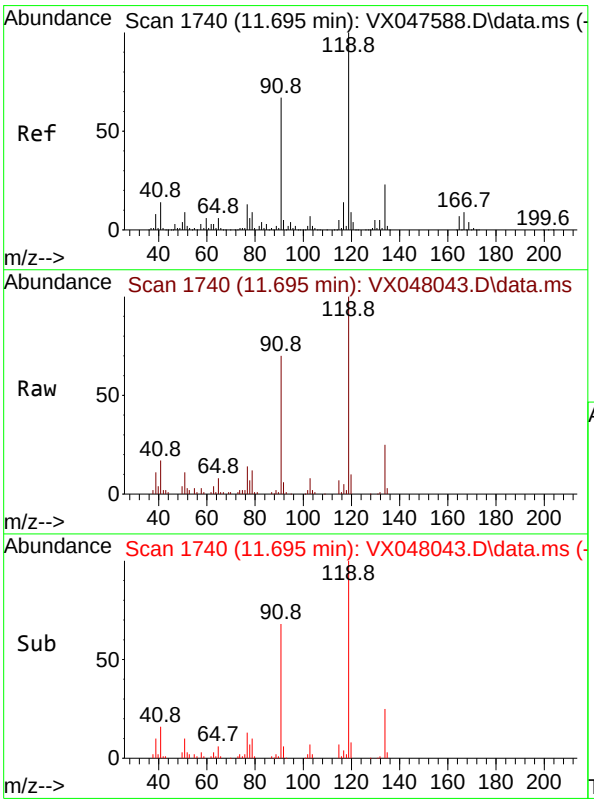
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

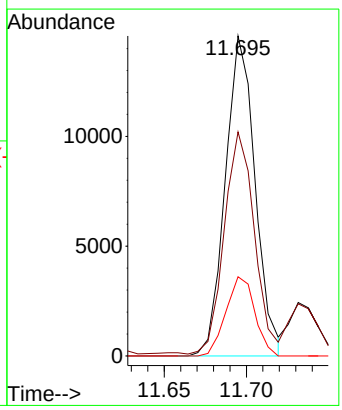


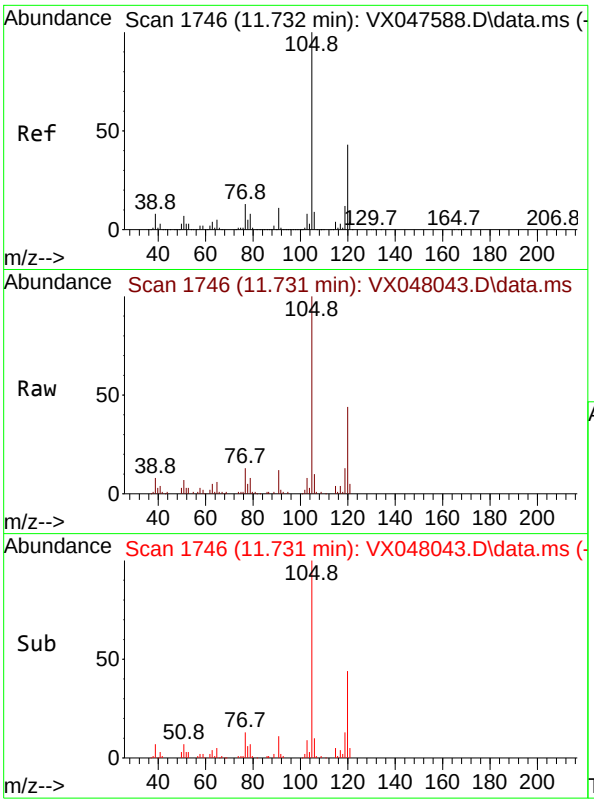


#83
tert-Butylbenzene
Concen: 1.541 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:119 Resp: 18424

Ion	Ratio	Lower	Upper
119	100		
91	70.0	29.6	88.8
134	23.9	11.0	33.0

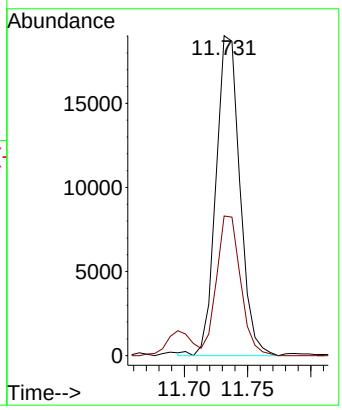




#84
1,2,4-Trimethylbenzene
Concen: 2.109 ug/l
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:105 Resp: 2496

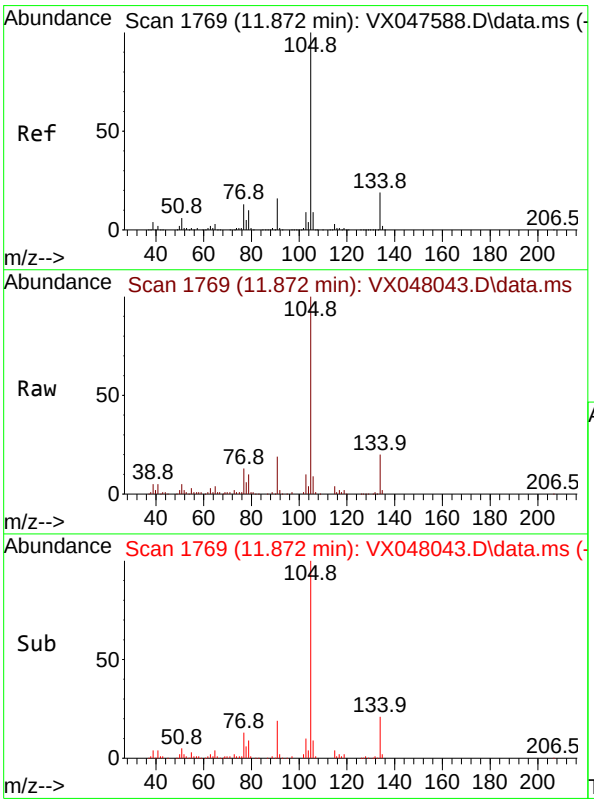
Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

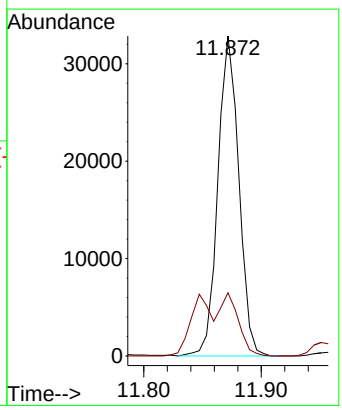
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

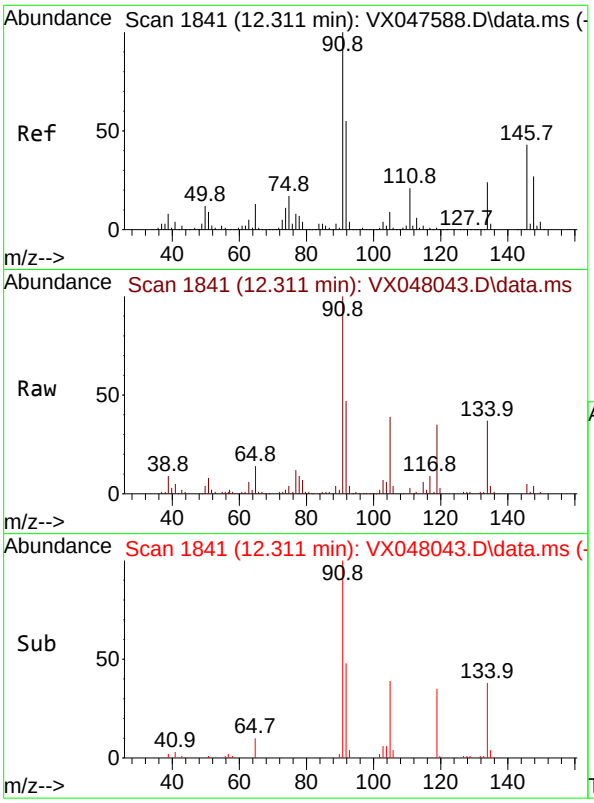


#85
sec-Butylbenzene
Concen: 2.867 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:105 Resp: 40701

Ion	Ratio	Lower	Upper
105	100		
134	17.6	9.8	29.5

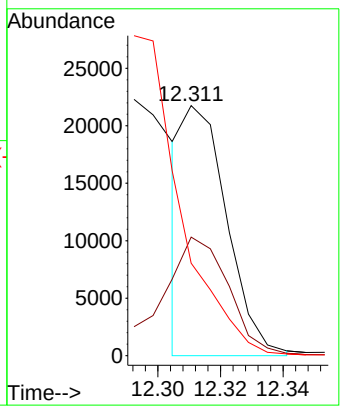




#89
n-Butylbenzene
Concen: 1.893 ug/l m
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 91 Resp: 2104

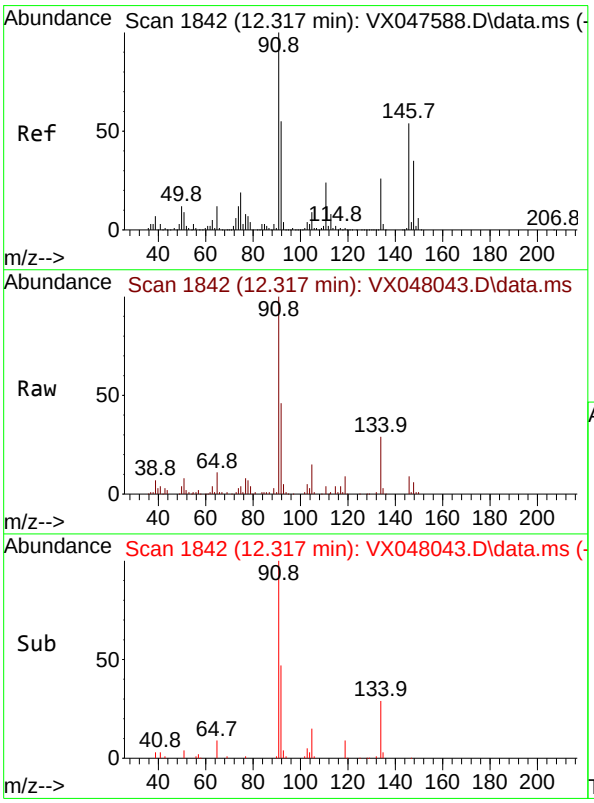
Ion	Ratio	Lower	Upper
91	100		
92	75.1	27.6	82.7
134	192.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

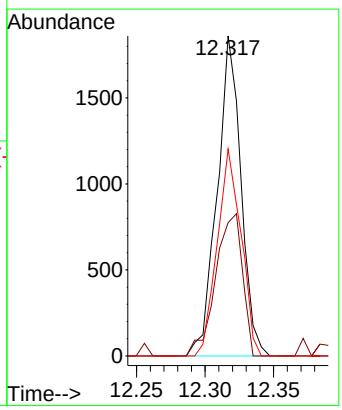
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#91
1,2-Dichlorobenzene
Concen: 0.363 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:146 Resp: 2247

Ion	Ratio	Lower	Upper
146	100		
111	50.1	22.2	66.6
148	64.8	31.8	95.4



Sample Results: **VX048043.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.758	104	110	129	rBV	388692	619697	39.08%	2.165%
2	1.965	139	144	156	rVB	28045	46909	2.96%	0.164%
3	2.343	198	206	221	rBV	71815	168565	10.63%	0.589%
4	2.782	269	278	281	rBV	272519	574478	36.23%	2.007%
5	2.825	281	285	313	rVB	400087	1076532	67.90%	3.761%
6	3.099	320	330	360	rVB	358094	914245	57.66%	3.194%
7	3.727	423	433	442	rBV2	18481	49859	3.14%	0.174%
8	3.837	442	451	467	rVB5	15790	49475	3.12%	0.173%
9	4.044	475	485	489	rBV3	14663	42725	2.69%	0.149%
10	4.208	501	512	519	rBV2	90702	283038	17.85%	0.989%
11	4.300	519	527	540	rVV	184763	575560	36.30%	2.011%
12	4.422	541	547	559	rVB9	17372	63242	3.99%	0.221%
13	5.129	646	663	682	rBV9	27638	157036	9.90%	0.549%
14	5.373	690	703	712	rBV2	132476	421738	26.60%	1.474%
15	5.537	712	730	735	rVV3	203252	877668	55.36%	3.067%
16	5.611	736	742	765	rVB	265257	902200	56.90%	3.152%
17	5.812	765	775	788	rBV4	114080	384994	24.28%	1.345%
18	5.940	788	796	808	rBV	127440	345650	21.80%	1.208%
19	6.147	821	830	836	rBV2	67138	226383	14.28%	0.791%
20	6.239	836	845	855	rVV	305131	1007039	63.51%	3.519%
21	6.348	855	863	875	rVB2	88960	277602	17.51%	0.970%
22	6.592	890	903	916	rVB5	15787	48380	3.05%	0.169%
23	6.745	918	928	936	rBV	349592	926305	58.42%	3.236%
24	6.830	937	942	956	rVB4	95772	296911	18.73%	1.037%
25	6.958	956	963	971	rBV3	21632	53999	3.41%	0.189%
26	7.049	971	978	988	rVB4	24593	64545	4.07%	0.226%
27	7.159	988	996	1004	rBV2	66668	158810	10.02%	0.555%
28	7.348	1018	1027	1041	rBV3	137658	414871	26.17%	1.450%
29	7.482	1041	1049	1054	rBV2	41005	88707	5.59%	0.310%
30	7.543	1054	1059	1065	rBV	36620	75920	4.79%	0.265%
31	7.647	1070	1076	1088	rVB3	33813	77865	4.91%	0.272%
32	7.757	1088	1094	1102	rVB2	49079	107373	6.77%	0.375%
33	7.872	1102	1113	1120	rBV6	23841	93269	5.88%	0.326%
34	7.970	1120	1129	1141	rVB	191256	432367	27.27%	1.511%
35	8.092	1141	1149	1158	rBV2	225983	516809	32.60%	1.806%
36	8.171	1158	1162	1174	rVB5	32669	81071	5.11%	0.283%

Sample Results: **VX048043.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 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\82X091625W.M
Title : SW846 8260

37	8.293	1174	1182	1189	rBV5	46167	106386	6.71%	0.372%
38	8.421	1199	1203	1207	rBV2	23771	38560	2.43%	0.135%
39	8.488	1209	1214	1225	rVB3	61566	137714	8.69%	0.481%
40	8.592	1225	1231	1232	rBV2	50245	74480	4.70%	0.260%
41	8.634	1232	1238	1248	rVB	724429	1185918	74.80%	4.144%
42	8.909	1275	1283	1288	rBV2	31383	71840	4.53%	0.251%
43	8.958	1288	1291	1297	rVV3	35180	62941	3.97%	0.220%
44	9.086	1304	1312	1317	rBV2	51047	104447	6.59%	0.365%
45	9.147	1317	1322	1333	rVB	123966	221155	13.95%	0.773%
46	9.415	1362	1366	1368	rVV	25816	37202	2.35%	0.130%
47	9.445	1368	1371	1374	rVV3	25206	38374	2.42%	0.134%
48	9.488	1374	1378	1384	rVB3	42288	85899	5.42%	0.300%
49	9.640	1399	1403	1414	rVB5	18438	46299	2.92%	0.162%
50	9.744	1414	1420	1427	rBV3	33763	67074	4.23%	0.234%
51	10.037	1463	1468	1478	rVV	853855	1236009	77.96%	4.319%
52	10.177	1487	1491	1499	rVB	157193	210999	13.31%	0.737%
53	10.287	1506	1509	1514	rVB	29029	42696	2.69%	0.149%
54	10.567	1547	1555	1562	rBV3	17700	33409	2.11%	0.117%
55	10.945	1612	1617	1625	rBV	139485	190708	12.03%	0.666%
56	11.061	1631	1636	1642	rBV	637397	857444	54.08%	2.996%
57	11.286	1663	1673	1681	rBV	241287	318524	20.09%	1.113%
58	11.591	1718	1723	1733	rVB	198069	268819	16.95%	0.939%
59	11.695	1733	1740	1743	rBV	52291	68266	4.31%	0.239%
60	11.731	1743	1746	1752	rVB	53879	69142	4.36%	0.242%
61	11.847	1759	1765	1767	rBV	68833	93805	5.92%	0.328%
62	11.872	1767	1769	1775	rVV	84384	94259	5.95%	0.329%
63	12.006	1785	1791	1798	rVV	918558	1233747	77.81%	4.311%
64	12.073	1798	1802	1810	rVV	34033	57562	3.63%	0.201%
65	12.158	1810	1816	1821	rVV	71703	92157	5.81%	0.322%
66	12.225	1821	1827	1834	rVV2	1271167	1585514	100.00%	5.540%
67	12.292	1834	1838	1849	rVV2	307363	439981	27.75%	1.537%
68	12.384	1849	1853	1859	rVB	98683	123175	7.77%	0.430%
69	12.445	1859	1863	1869	rVB2	99077	146252	9.22%	0.511%
70	12.512	1869	1874	1881	rBV	64350	82368	5.20%	0.288%
71	12.591	1881	1887	1890	rBV	194930	270492	17.06%	0.945%
72	12.628	1890	1893	1897	rVV	342640	410528	25.89%	1.434%
73	12.676	1897	1901	1909	rVV	902832	1296349	81.76%	4.529%
74	12.743	1909	1912	1920	rVV2	25339	48493	3.06%	0.169%
75	12.823	1920	1925	1930	rVB3	58456	89018	5.61%	0.311%
76	12.902	1930	1938	1942	rBV	388739	494051	31.16%	1.726%

Sample Results: **VX048043.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 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\82X091625W.M
Title : SW846 8260

77	12.945	1942	1945	1950	rVV2	83902	104107	6.57%	0.364%
78	13.006	1950	1955	1963	rVB2	65349	105191	6.63%	0.368%
79	13.097	1963	1970	1971	rBV	64567	81464	5.14%	0.285%
80	13.115	1971	1973	1975	rVV2	74048	87483	5.52%	0.306%
81	13.146	1975	1978	1987	rVV	388315	553198	34.89%	1.933%
82	13.219	1987	1990	1992	rVV2	42066	61625	3.89%	0.215%
83	13.274	1994	1999	2004	rVV2	948856	1242846	78.39%	4.342%
84	13.323	2004	2007	2010	rVV3	57720	86444	5.45%	0.302%
85	13.353	2010	2012	2017	rVV3	28339	44177	2.79%	0.154%
86	13.402	2017	2020	2028	rVB2	60268	79083	4.99%	0.276%
87	13.487	2028	2034	2036	rBV2	55852	75742	4.78%	0.265%
88	13.524	2036	2040	2043	rVV	192897	267022	16.84%	0.933%
89	13.560	2043	2046	2050	rVV3	126462	192623	12.15%	0.673%
90	13.597	2050	2052	2053	rVV	49367	48900	3.08%	0.171%
91	13.621	2053	2056	2057	rVV2	63731	83928	5.29%	0.293%
92	13.646	2057	2060	2067	rVB2	98786	156256	9.86%	0.546%
93	13.774	2076	2081	2087	rVB2	19448	38053	2.40%	0.133%
94	13.902	2096	2102	2106	rBV2	87532	126854	8.00%	0.443%
95	13.951	2106	2110	2114	rVB	53063	64213	4.05%	0.224%
96	14.054	2122	2127	2133	rBV	151414	179430	11.32%	0.627%
97	14.194	2145	2150	2155	rBV2	35514	60220	3.80%	0.210%
98	14.298	2163	2167	2172	rBV	65132	87199	5.50%	0.305%
99	14.353	2172	2176	2181	rVB	79578	101673	6.41%	0.355%
100	14.755	2238	2242	2253	rBV	39132	58987	3.72%	0.206%

Sum of corrected areas: 28620611

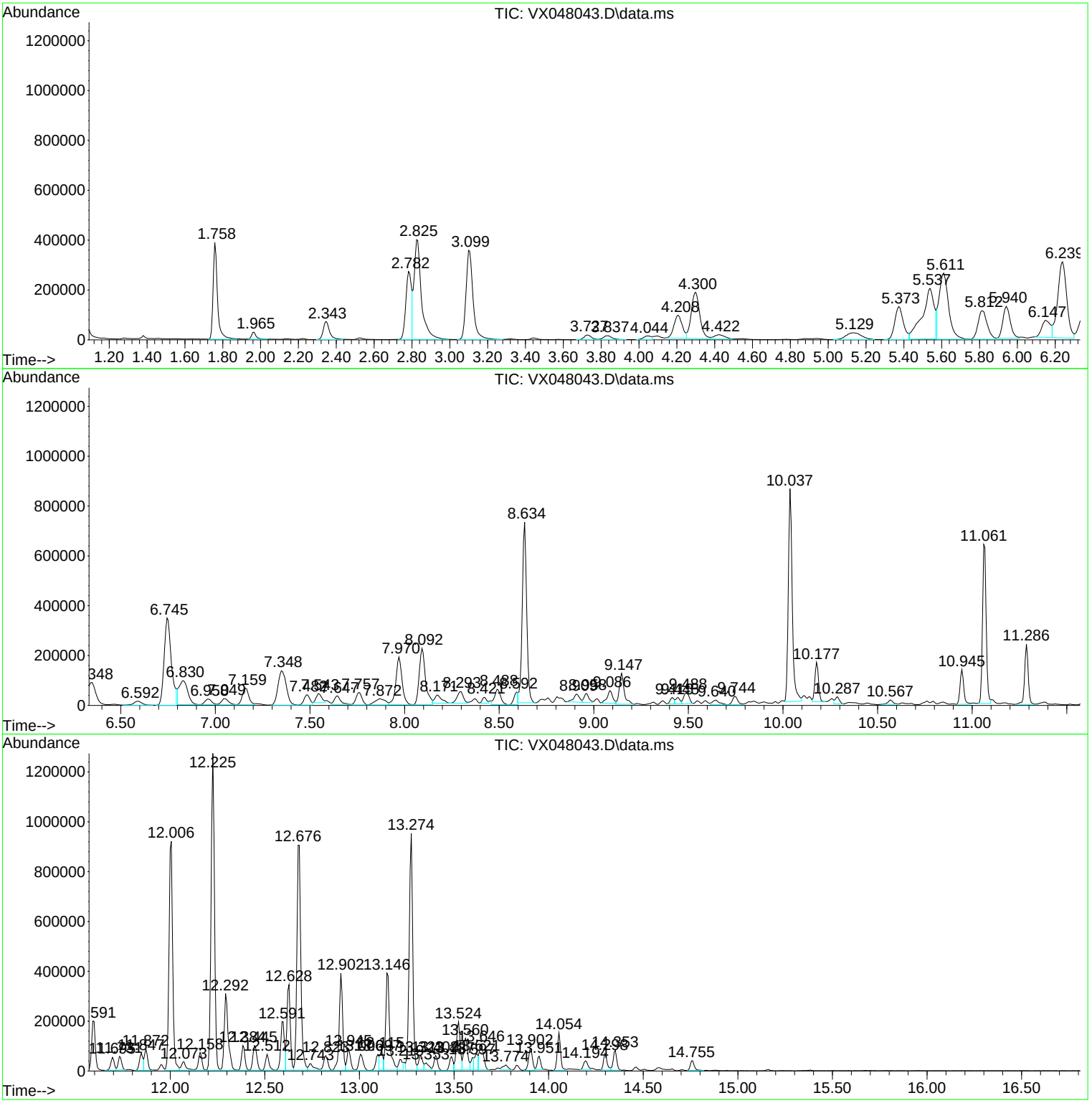
Sample Results: **VX048043.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

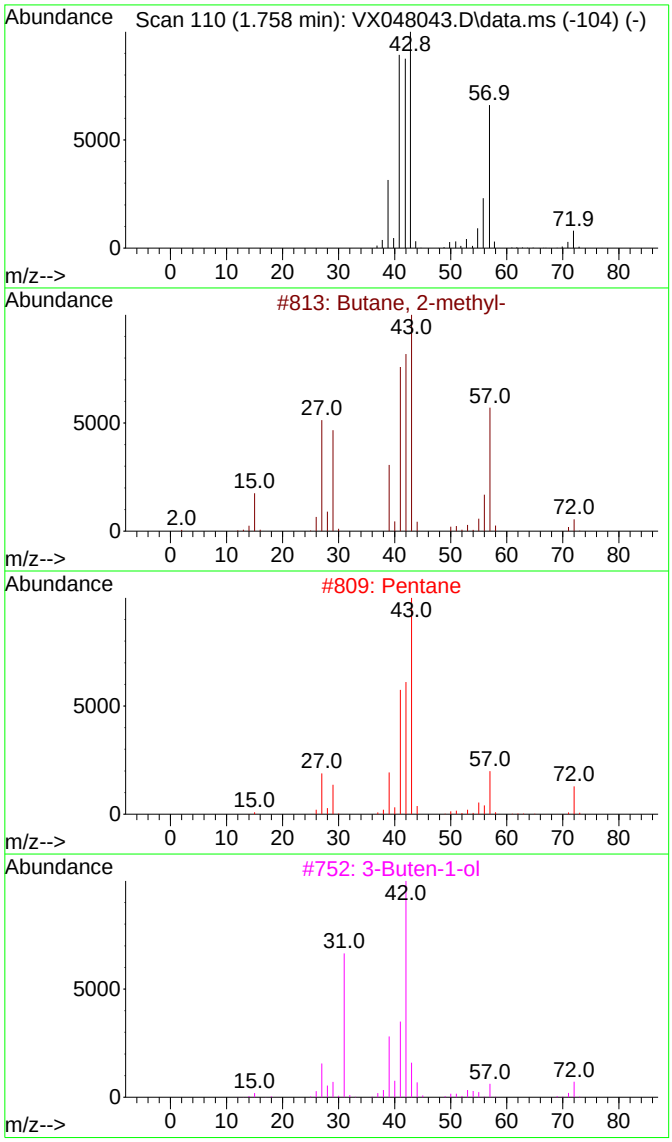
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

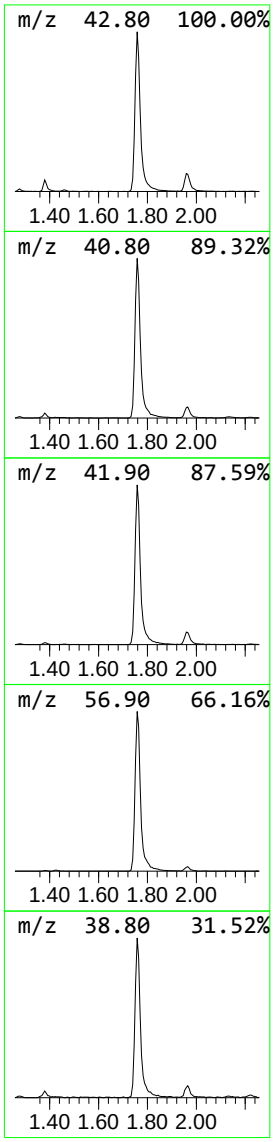
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.758	35.30 ug/l	619697	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	36
3	3-Buten-1-ol	72	C4H8O	000627-27-0	33
4	1-Butene	56	C4H8	000106-98-9	14
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

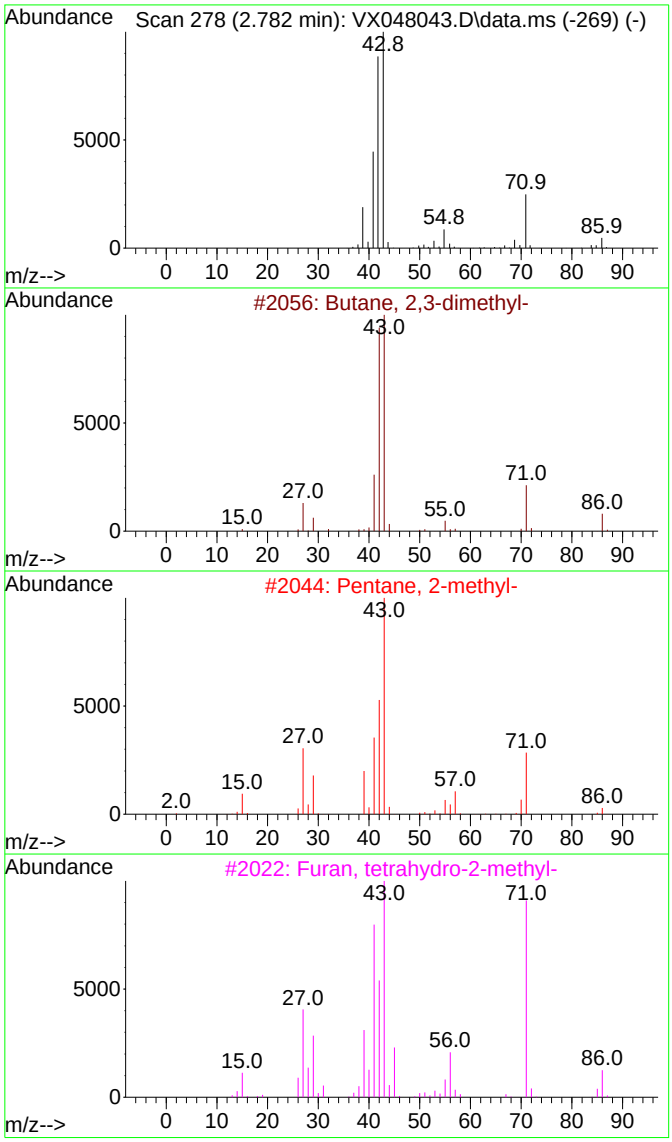
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

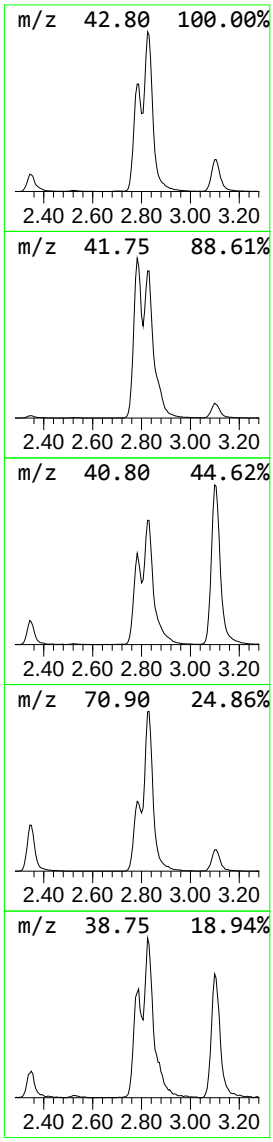
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	32.73 ug/l	574478	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
4	Octane, 2-methyl-	128	C9H20	003221-61-2	9
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

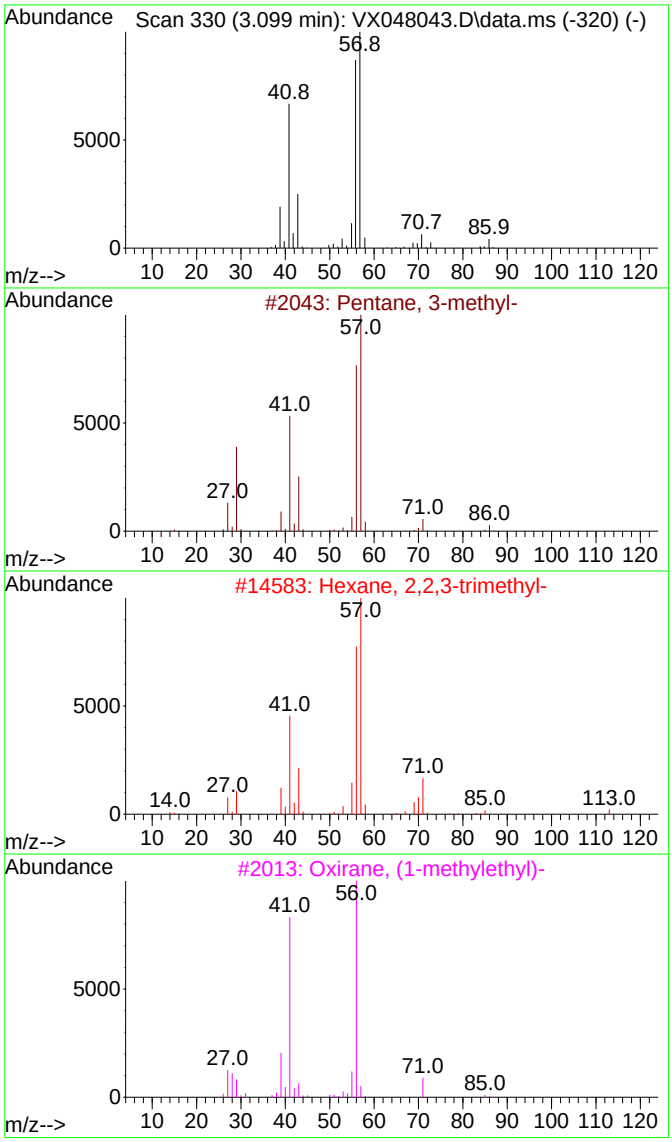
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

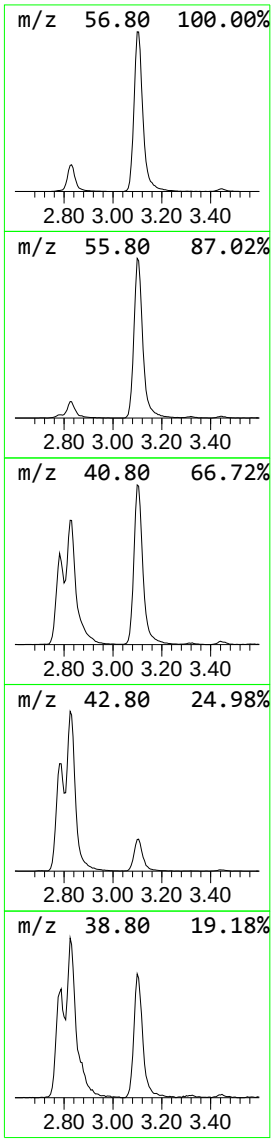
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	52.08 ug/l	914245	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

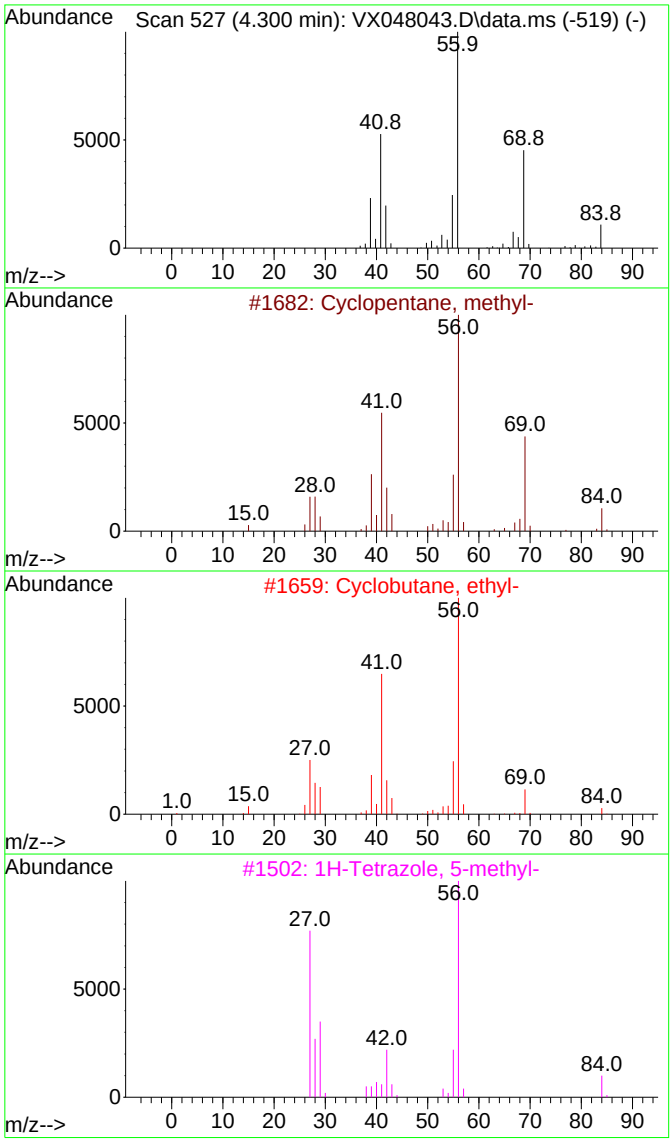
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

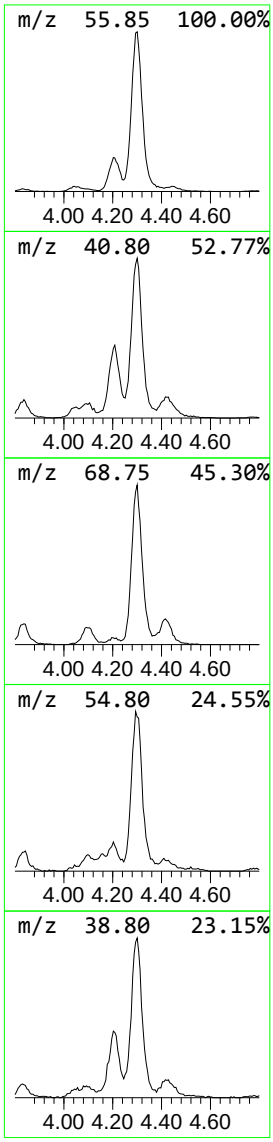
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	32.79 ug/l	575560	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

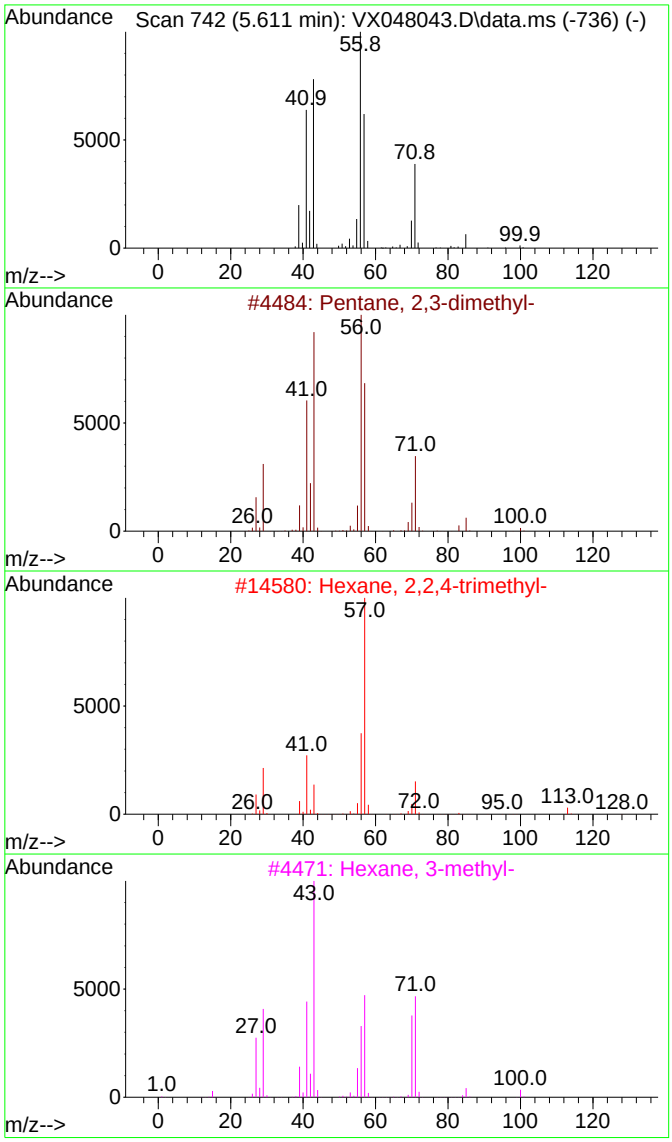
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

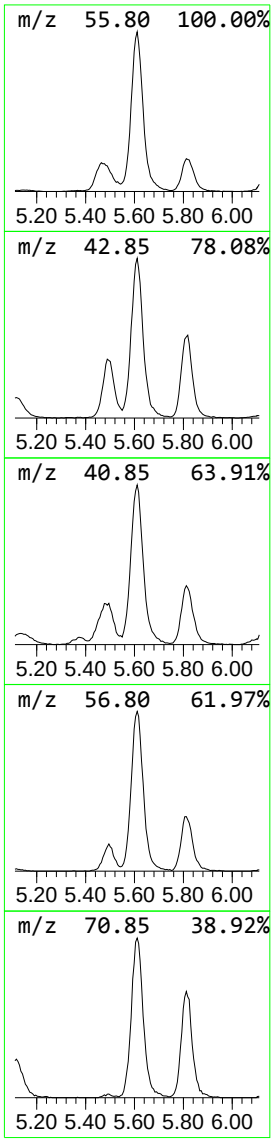
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.611	51.40 ug/l	902200	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	37
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	33
5	Heptane	100	C7H16	000142-82-5	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

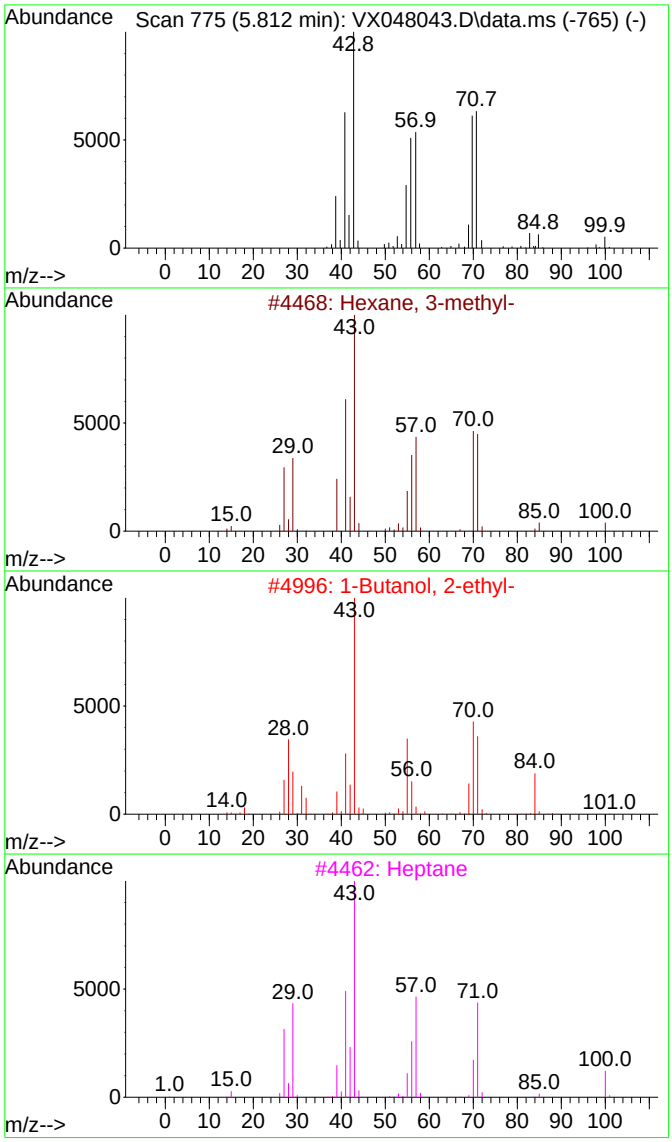
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

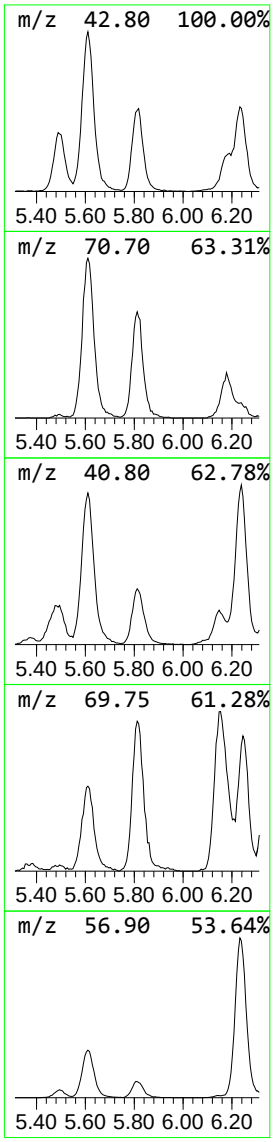
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.812	21.93 ug/l	384994	Pentafluorobenzene	5.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
3	Heptane	100	C7H16	000142-82-5	58
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

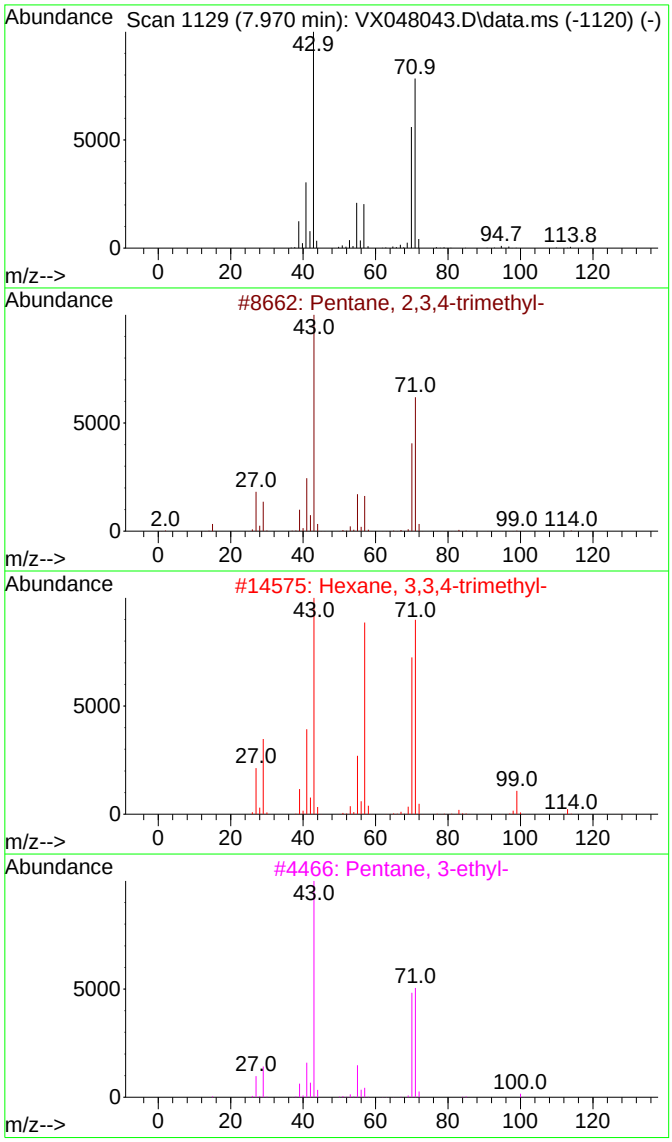
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

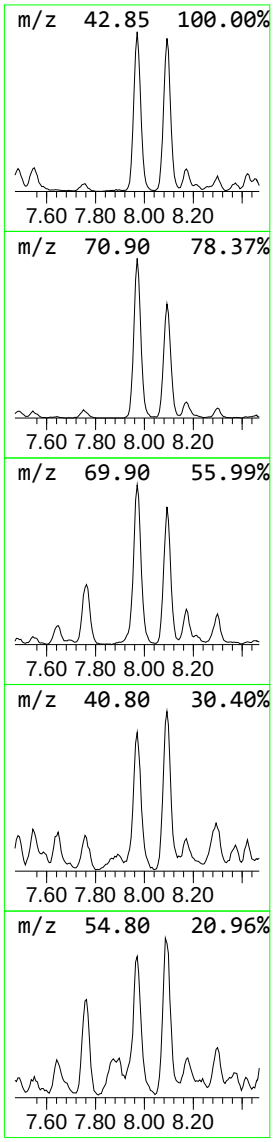
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.970	23.34 ug/l	432367	1,4-Difluorobenzene	6.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

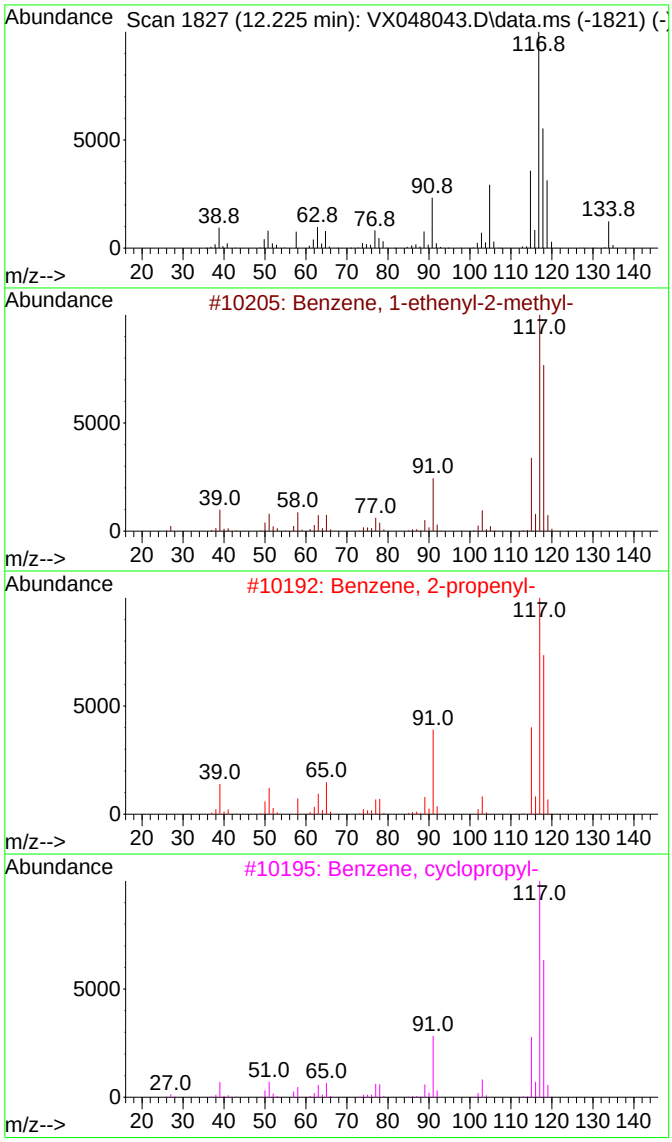
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

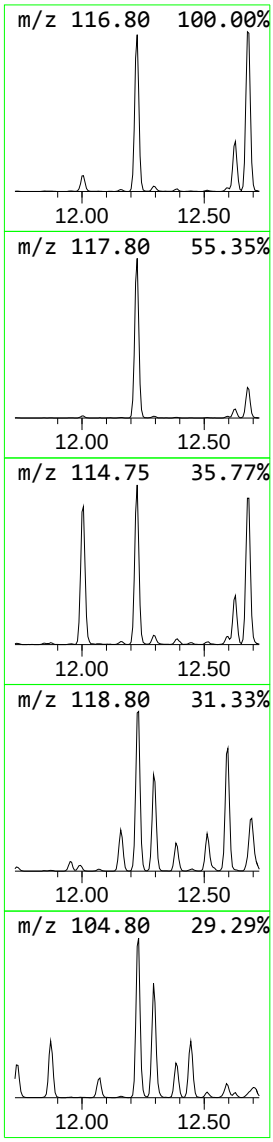
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.225	64.26 ug/l	1585510	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

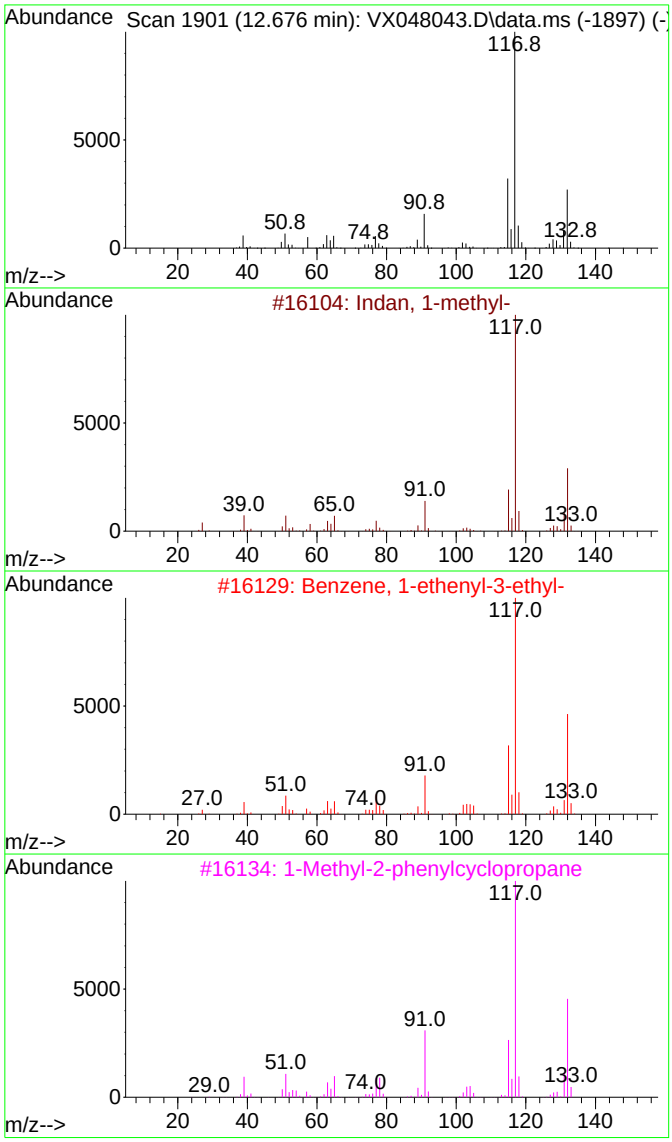
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

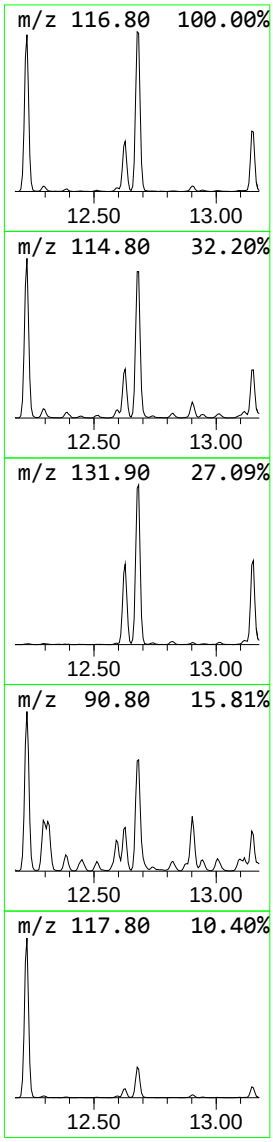
****

Peak Number 12 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	52.54 ug/l	1296350	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

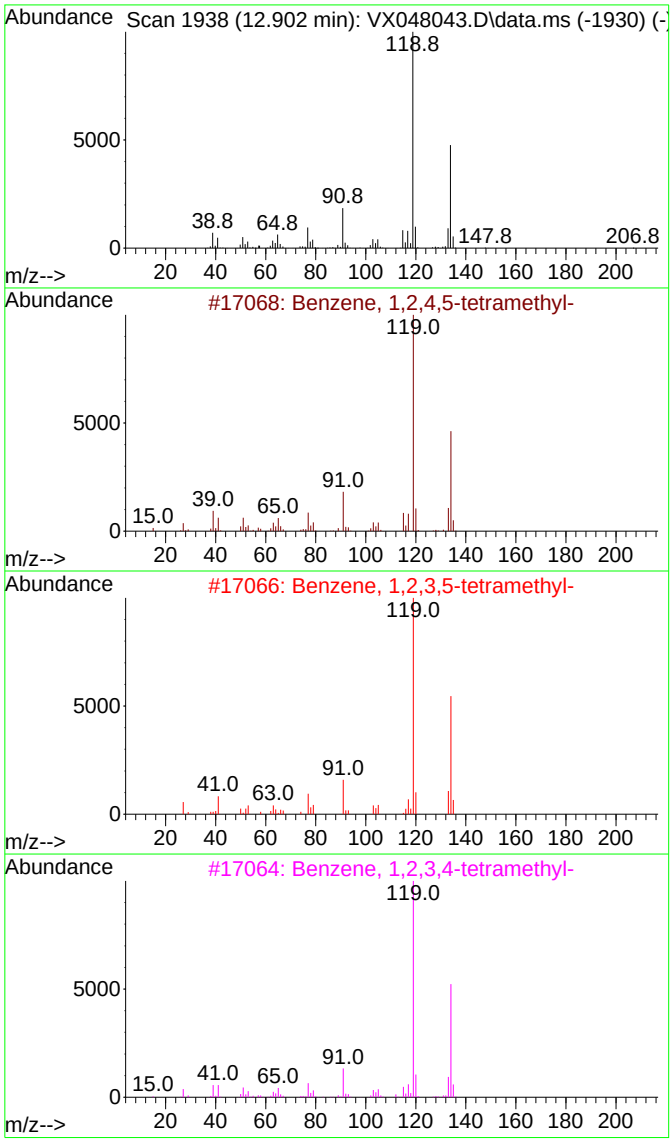
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

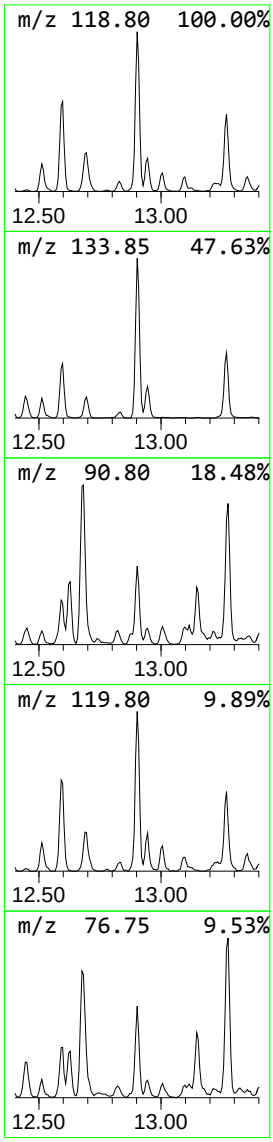
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	20.02 ug/l	494051	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

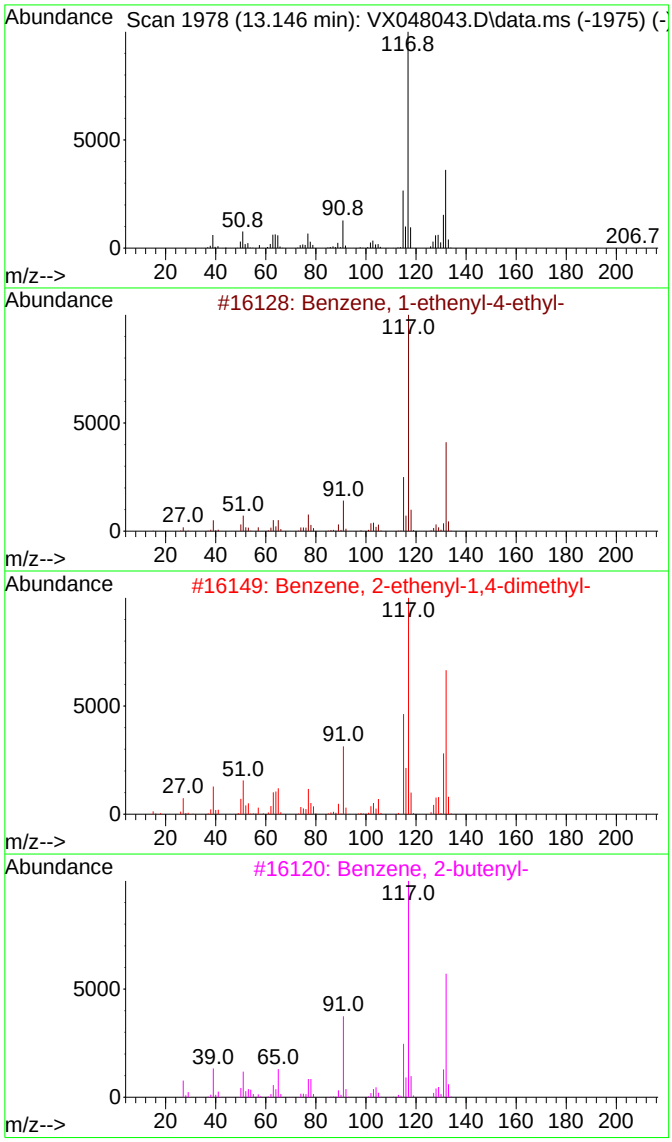
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

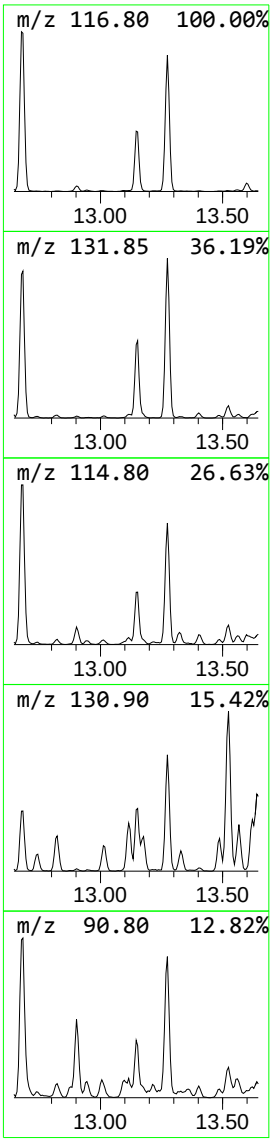
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.146	22.42 ug/l	553198	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

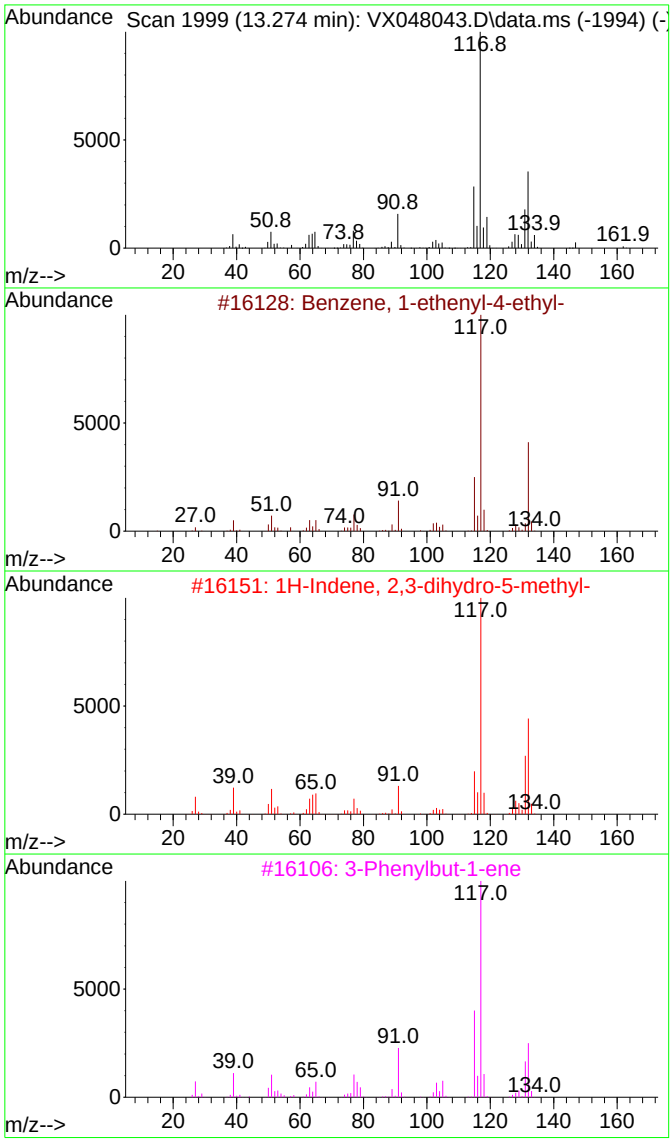
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

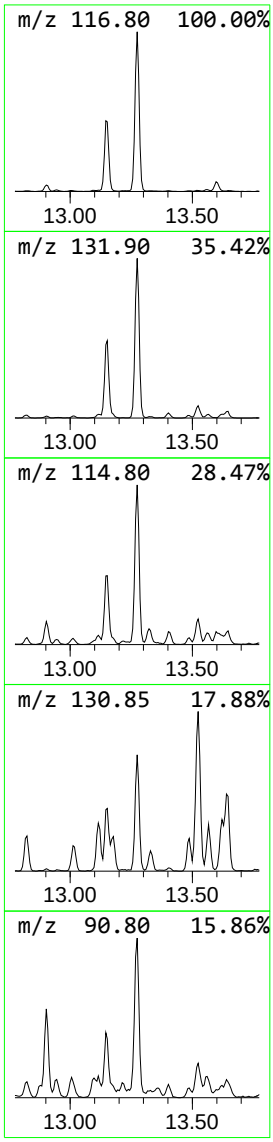
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	50.37 ug/l	1242850	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





Sample Results: **VX048043.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048043.D
Acq On : 07 Oct 2025 11:38
Operator : JC/MD
Sample : Q3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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
Butane, 2-methyl-	1.758	35.3	ug/l	619697	1	5.537	877668	50.0
Butane, 2,3-dim...	2.782	32.7	ug/l	574478	1	5.537	877668	50.0
Pentane, 3-methyl-	3.099	52.1	ug/l	914245	1	5.537	877668	50.0
Cyclopentane, m...	4.300	32.8	ug/l	575560	1	5.537	877668	50.0
Pentane, 2,3-di...	5.611	51.4	ug/l	902200	1	5.537	877668	50.0
Hexane, 3-methyl-	5.812	21.9	ug/l	384994	1	5.537	877668	50.0
Pentane, 2,3,4-...	7.970	23.3	ug/l	432367	2	6.745	926305	50.0
Benzene, 1-ethe...	12.225	64.3	ug/l	1585510	4	12.006	1233750	50.0
Indan, 1-methyl-	12.676	52.5	ug/l	1296350	4	12.006	1233750	50.0
Benzene, 1,2,4,...	12.902	20.0	ug/l	494051	4	12.006	1233750	50.0
Benzene, 1-ethe...	13.146	22.4	ug/l	553198	4	12.006	1233750	50.0
1H-Indene, 2,3-...	13.274	50.4	ug/l	1242850	4	12.006	1233750	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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3278

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2

* 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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3278

Instrument ID: MSVOA_X | Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

* 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 : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

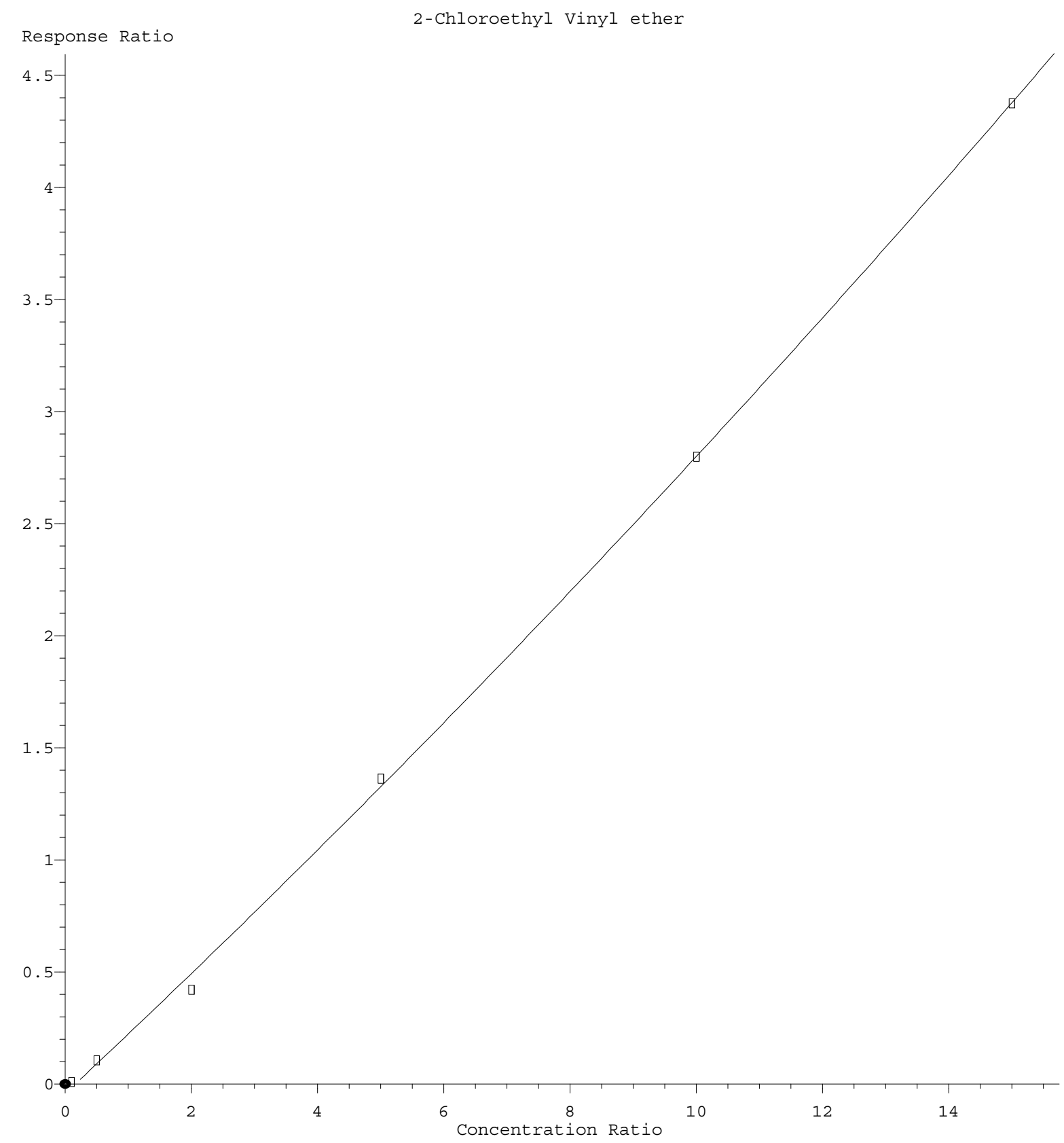
Calibration Files
1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3)	P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4)	C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5)	T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6)	T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7)	T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8)	T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9)	T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10)	T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11)	T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12)	CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13)	T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14)	T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15)	T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16)	T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17)	T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18)	T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19)	T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20)	T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21)	T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22)	T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23)	T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24)	P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25)	T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26)	T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27)	T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28)	T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29)	T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30)	C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31)	T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32)	T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33)	S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36)	T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37)	T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38)	T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39)	T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40)	TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41)	T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42)	TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43)	T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44)	TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45)	C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46)	T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47)	T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48)	T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50)	S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51)	T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52)	CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53)	T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54)	T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55)	T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56)	T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range



R = 2.100e-003 A*A + 2.631e-001 A - 4.158e-002
Coef of Det (r^2) = 0.999517 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X091625W.M
Calibration Table Last Updated: Wed Sep 17 06:39:58 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	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 78 - 117		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 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l		
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l		
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l		
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

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

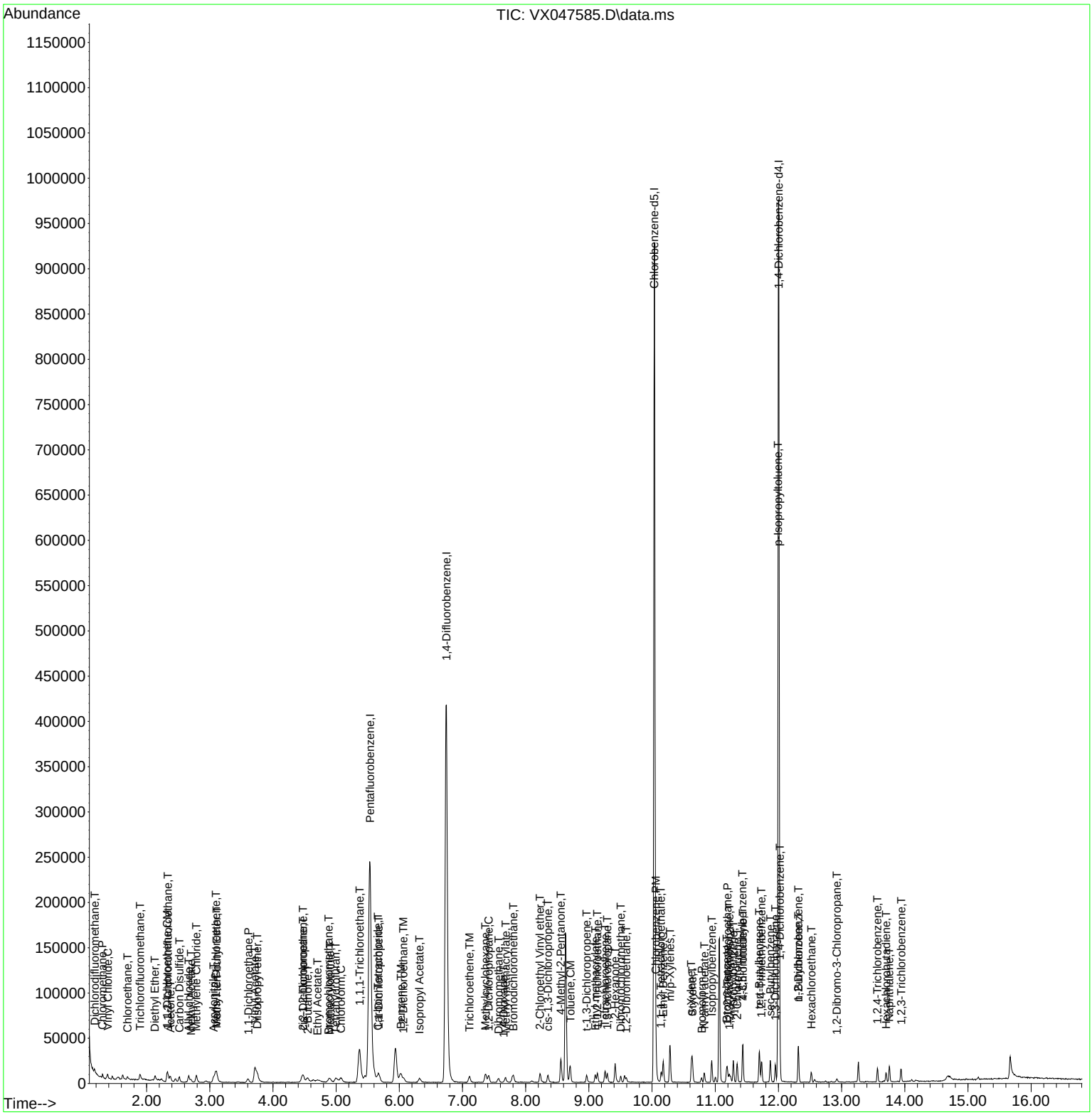
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l		
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

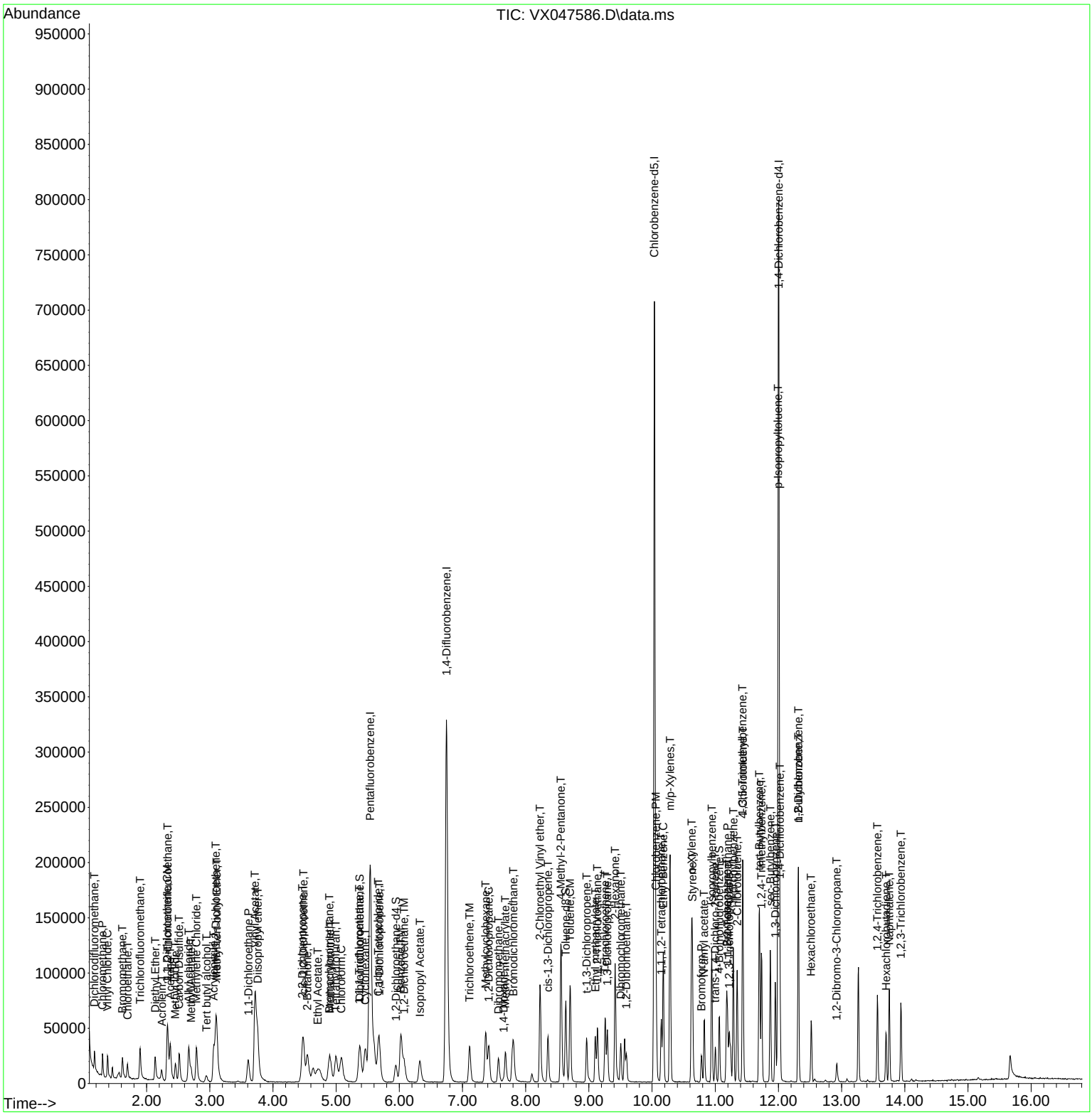
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.520%#		
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.740%#		
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l		
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

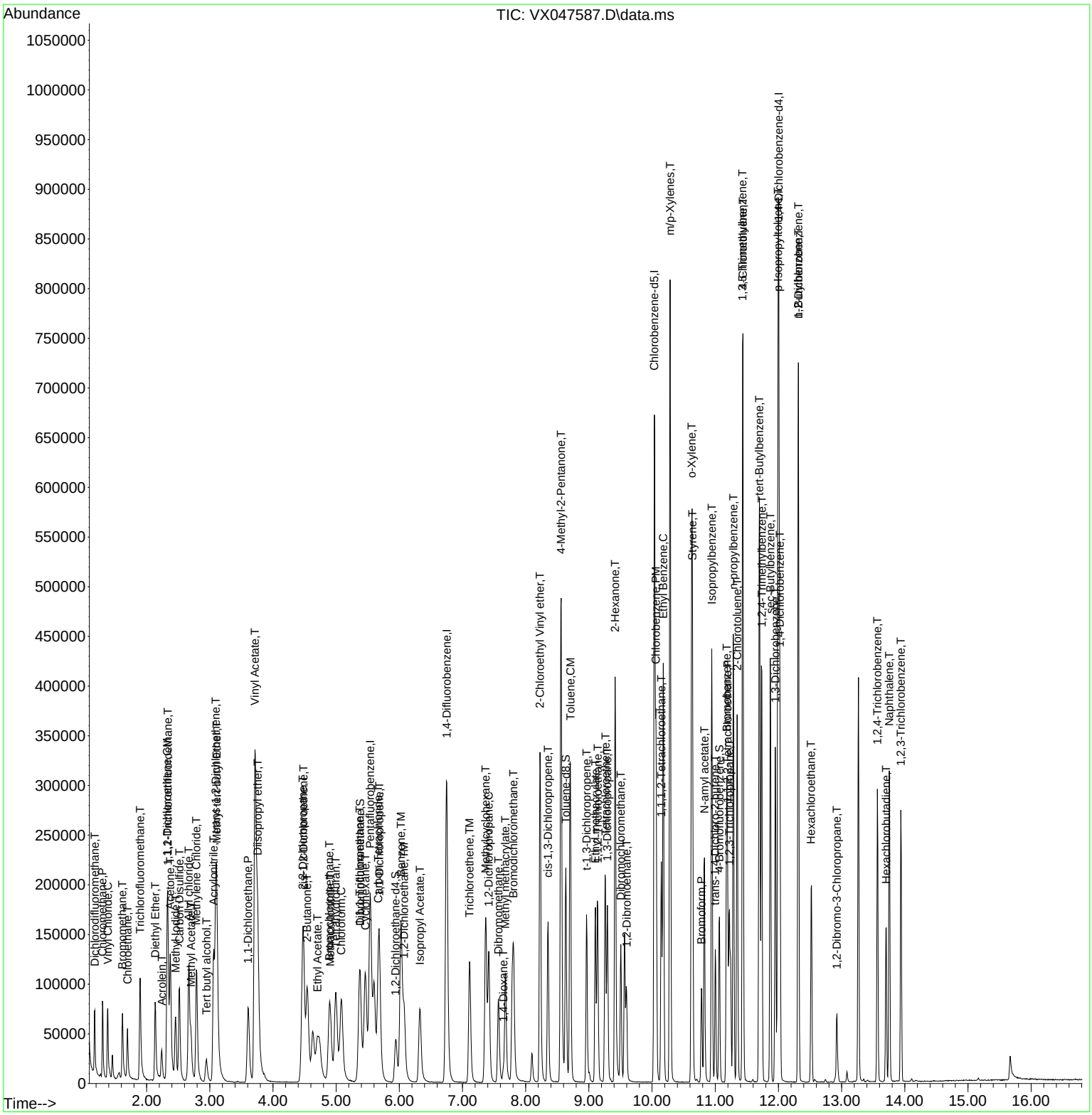
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

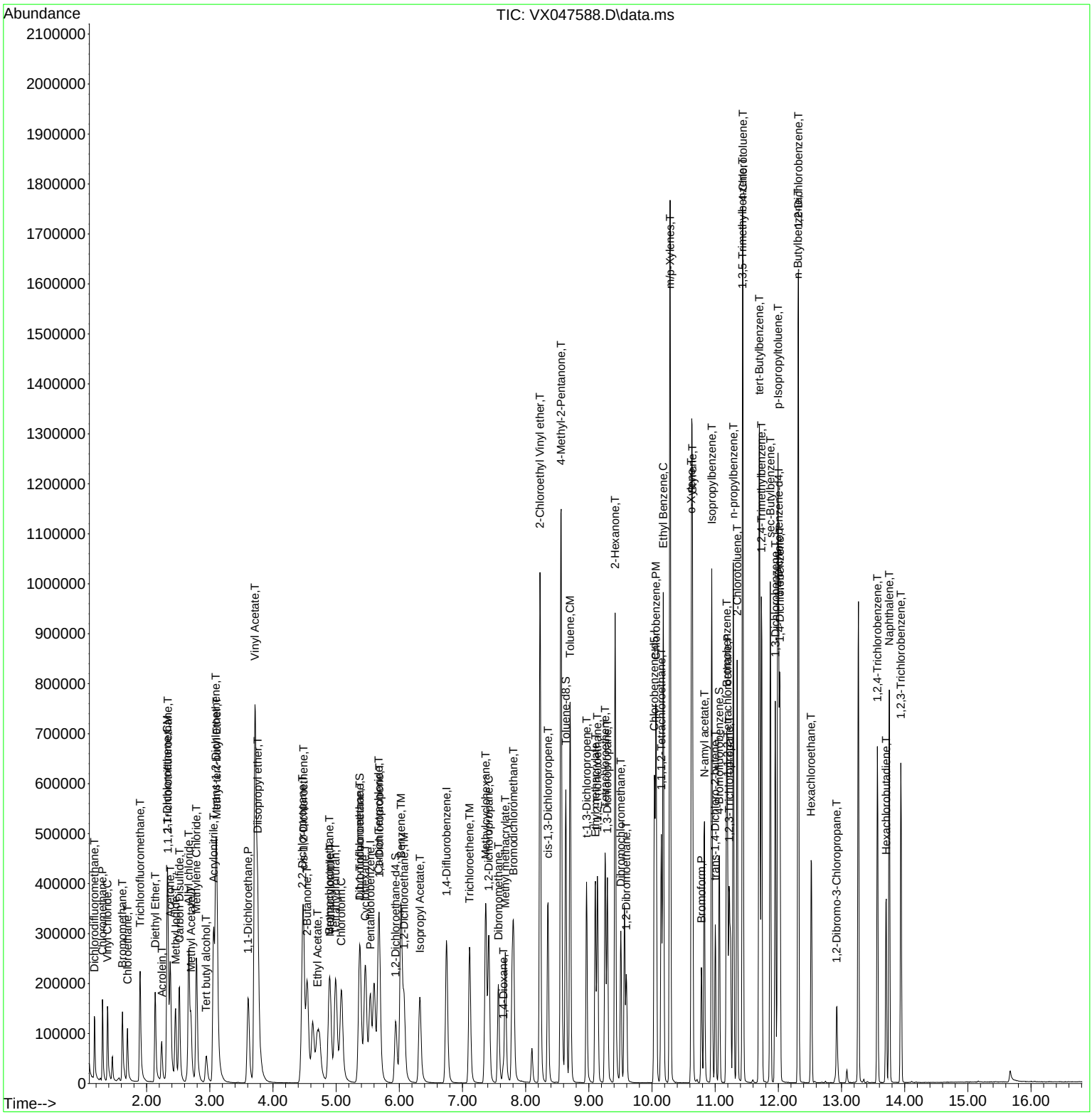
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220 ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916 ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482 ug/l	99
44) Trichloroethene	7.104	130	217753	101.234 ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145 ug/l	100
46) Dibromomethane	7.562	93	164987	99.519 ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136 ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612 ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315 ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834 ug/l	100
52) Toluene	8.702	92	536148	97.811 ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986 ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434 ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435 ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814 ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380 ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226 ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147 ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284 ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988 ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823 ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624 ug/l	99
69) o-Xylene	10.622	106	372621	102.186 ug/l	99
70) Styrene	10.634	104	649863	101.710 ug/l	100
71) Bromoform	10.781	173	161188	106.566 ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768 ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172 ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444 ug/l	
77) Bromobenzene	11.183	156	234666	102.541 ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941 ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689 ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054 ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333 ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144 ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840 ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985 ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138 ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225 ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922 ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049 ug/l	99
95) Naphthalene	13.756	128	854492	106.620 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

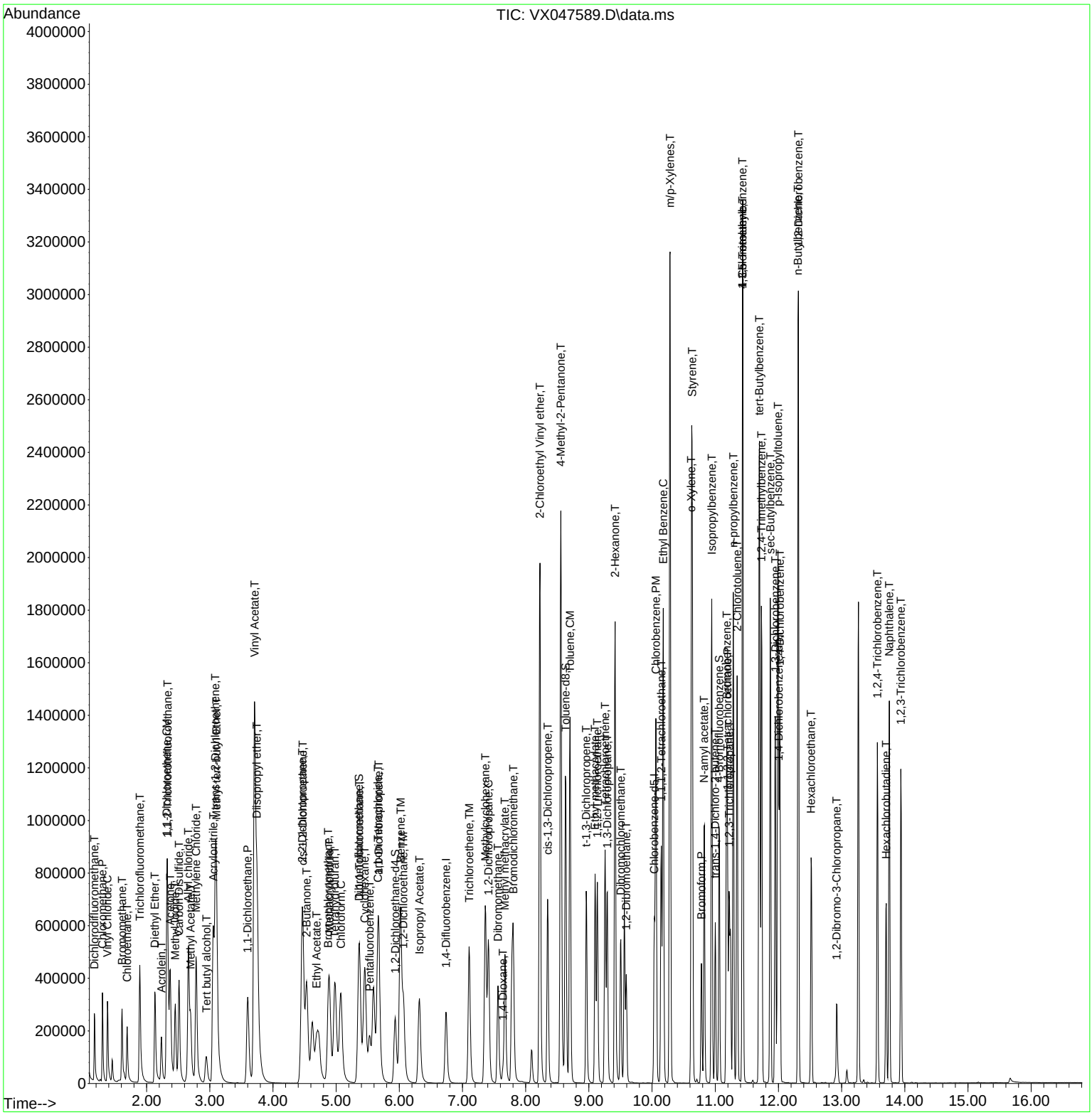
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

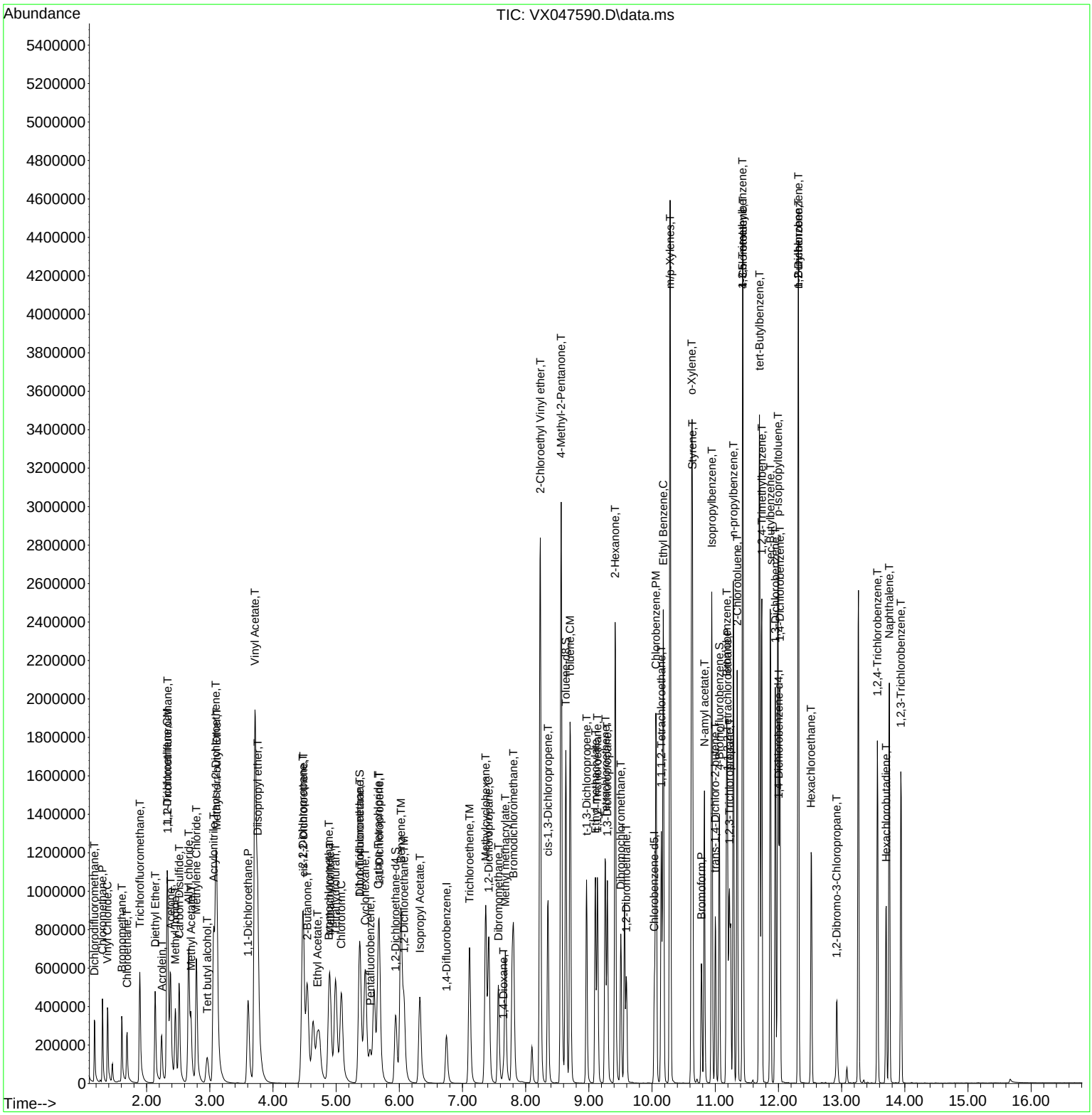
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

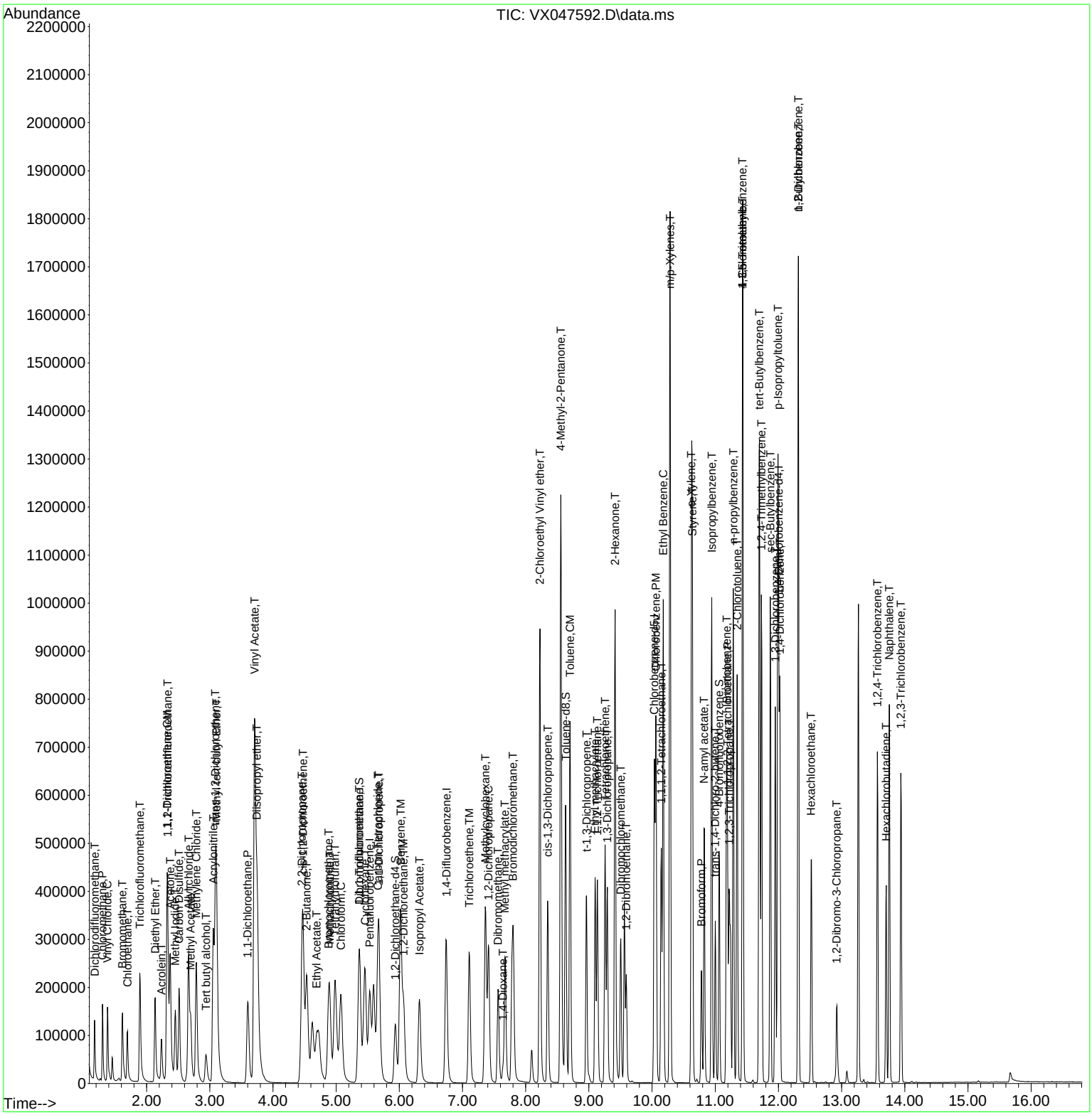
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1.002	1.023	-2.1	102	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\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	51.054	-2.1	102	0.00

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

Raw Data: **VX048036.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: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3278
Instrument ID: MSVOA_X
Calibration Date/Time: 10/07/2025 08:44
Lab File ID: VX048036.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.546		5.41	20
Chloromethane	0.680	0.611	0.1	-10.15	20
Vinyl Chloride	0.666	0.663		-0.45	20
Bromomethane	0.422	0.428		1.42	20
Chloroethane	0.445	0.452		1.57	20
Trichlorofluoromethane	0.989	1.050		6.17	20
1,1,2-Trichlorotrifluoroethane	0.578	0.617		6.75	20
1,1-Dichloroethene	0.594	0.578		-2.69	20
Acetone	0.346	0.394		13.87	20
Carbon Disulfide	1.626	1.432		-11.93	20
Methyl tert-butyl Ether	2.169	2.312		6.59	20
Methyl Acetate	0.770	0.907		17.79	20
Methylene Chloride	0.732	0.752		2.73	20
trans-1,2-Dichloroethene	0.640	0.650		1.56	20
1,1-Dichloroethane	1.263	1.344	0.1	6.41	20
Cyclohexane	1.052	0.909		-13.59	20
2-Butanone	0.432	0.471		9.03	20
Carbon Tetrachloride	0.532	0.548		3.01	20
cis-1,2-Dichloroethene	0.783	0.803		2.55	20
Bromochloromethane	0.551	0.601		9.07	20
Chloroform	1.276	1.378		7.99	20
1,1,1-Trichloroethane	1.082	1.125		3.97	20
Methylcyclohexane	0.556	0.483		-13.13	20
Benzene	1.488	1.533		3.02	20
1,2-Dichloroethane	0.566	0.596		5.3	20
Trichloroethene	0.360	0.364		1.11	20
1,2-Dichloropropane	0.381	0.413		8.4	20
Bromodichloromethane	0.572	0.639		11.71	20
4-Methyl-2-Pentanone	0.477	0.523		9.64	20
Toluene	0.917	0.925		0.87	20
t-1,3-Dichloropropene	0.584	0.615		5.31	20
cis-1,3-Dichloropropene	0.624	0.663		6.25	20
1,1,2-Trichloroethane	0.354	0.392		10.73	20
2-Hexanone	0.343	0.370		7.87	20
Dibromochloromethane	0.407	0.464		14.01	20
1,2-Dibromoethane	0.360	0.395		9.72	20
Tetrachloroethene	0.326	0.310		-4.91	20
Chlorobenzene	1.136	1.171	0.3	3.08	20

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

Raw Data: **VX048036.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3278
Instrument ID: MSVOA_X
Calibration Date/Time: 10/07/2025 08:44
Lab File ID: VX048036.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.968		0.41	20
m/p-Xylenes	0.729	0.738		1.24	20
o-Xylene	0.706	0.724		2.55	20
Styrene	1.236	1.302		5.34	20
Bromoform	0.293	0.330	0.1	12.63	20
Isopropylbenzene	3.801	3.646		-4.08	20
1,1,2,2-Tetrachloroethane	1.150	1.212	0.3	5.39	20
1,3-Dichlorobenzene	1.739	1.678		-3.51	20
1,4-Dichlorobenzene	1.785	1.721		-3.59	20
1,2-Dichlorobenzene	1.657	1.647		-0.6	20
1,2-Dibromo-3-Chloropropane	0.233	0.229		-1.72	20
1,2,4-Trichlorobenzene	1.077	0.972		-9.75	20
1,2,3-Trichlorobenzene	1.002	0.943		-5.89	20
1,2-Dichloroethane-d4	0.796	0.824		3.52	20
Dibromofluoromethane	0.335	0.370		10.45	20
Toluene-d8	1.160	1.208		4.14	20
4-Bromofluorobenzene	0.440	0.455		3.41	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\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.525	168	144874	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	249421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	221582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119376	51.767	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.540%			
35) Dibromofluoromethane	5.367	113	92307	55.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.360%			
50) Toluene-d8	8.629	98	301424	52.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.160%			
62) 4-Bromofluorobenzene	11.061	95	113589	51.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	79130	52.747	ug/l	98
3) Chloromethane	1.301	50	88508	44.890	ug/l	98
4) Vinyl Chloride	1.380	62	96092	49.787	ug/l	98
5) Bromomethane	1.611	94	62003	50.662	ug/l	96
6) Chloroethane	1.691	64	65414	50.710	ug/l	96
7) Trichlorofluoromethane	1.892	101	152189	53.107	ug/l	99
8) Diethyl Ether	2.136	74	61416	52.390	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	89335	53.313	ug/l	99
10) Methyl Iodide	2.453	142	99791	38.185	ug/l	99
11) Tert butyl alcohol	2.941	59	62226	242.285	ug/l	99
12) 1,1-Dichloroethene	2.319	96	83679	48.615	ug/l	91
13) Acrolein	2.233	56	91375	386.081	ug/l	99
14) Allyl chloride	2.660	41	170712	48.063	ug/l	99
15) Acrylonitrile	3.050	53	266783	280.436	ug/l	100
16) Acetone	2.374	43	285624	284.864	ug/l	99
17) Carbon Disulfide	2.514	76	207498	44.035	ug/l	97
18) Methyl Acetate	2.697	43	131387	58.880	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	334899	53.299	ug/l	99
20) Methylene Chloride	2.782	84	108913	51.316	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	94206	50.836	ug/l	95
22) Diisopropyl ether	3.745	45	369014	53.608	ug/l	89
23) Vinyl Acetate	3.709	43	1453241	263.781	ug/l	100
24) 1,1-Dichloroethane	3.599	63	194754	53.230	ug/l	98
25) 2-Butanone	4.532	43	340883	272.553	ug/l	97
26) 2,2-Dichloropropane	4.459	77	155153	51.015	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	116337	51.262	ug/l	99
28) Bromochloromethane	4.879	49	87119	54.543	ug/l	100
29) Tetrahydrofuran	4.977	42	192838	256.299	ug/l	99
30) Chloroform	5.074	83	199677	54.008	ug/l	100
31) Cyclohexane	5.452	56	131642	43.201	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	162960	51.964	ug/l	99
36) 1,1-Dichloropropene	5.678	75	118531	48.493	ug/l	99
37) Ethyl Acetate	4.690	43	133383	50.965	ug/l	100
38) Carbon Tetrachloride	5.660	117	136716	51.479	ug/l	97
39) Methylcyclohexane	7.360	83	120553	43.449	ug/l	99
40) Benzene	6.019	78	382289	51.494	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	75564	55.927	ug/l		98
42) 1,2-Dichloroethane	6.062	62	148680	52.636	ug/l		99
43) Isopropyl Acetate	6.318	43	220800	51.441	ug/l		100
44) Trichloroethene	7.104	130	90735	50.553	ug/l		98
45) 1,2-Dichloropropane	7.409	63	103116	54.243	ug/l		99
46) Dibromomethane	7.562	93	73573	53.185	ug/l		98
47) Bromodichloromethane	7.799	83	159351	55.822	ug/l		95
48) Methyl methacrylate	7.671	41	111256	52.037	ug/l		99
49) 1,4-Dioxane	7.641	88	27557	1275.373	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	652310	274.101	ug/l		99
52) Toluene	8.702	92	230680	50.434	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	153449	52.700	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	165312	53.117	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	97654	55.370	ug/l		98
56) Ethyl methacrylate	9.098	69	146348	52.838	ug/l		97
57) 1,3-Dichloropropane	9.293	76	165096	54.493	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	402658	300.331	ug/l		99
59) 2-Hexanone	9.415	43	462045	270.329	ug/l		99
60) Dibromochloromethane	9.500	129	115777	56.973	ug/l		100
61) 1,2-Dibromoethane	9.592	107	98523	54.845	ug/l		99
64) Tetrachloroethene	9.256	164	68797	47.627	ug/l		97
65) Chlorobenzene	10.061	112	259405	51.531	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	96038	55.287	ug/l		100
67) Ethyl Benzene	10.177	91	435964	50.194	ug/l		100
68) m/p-Xylenes	10.281	106	327205	101.212	ug/l		99
69) o-Xylene	10.622	106	160494	51.326	ug/l		98
70) Styrene	10.634	104	288494	52.654	ug/l		98
71) Bromoform	10.781	173	73218	56.449	ug/l	#	98
73) Isopropylbenzene	10.945	105	407771	47.956	ug/l		99
74) N-amyl acetate	10.823	43	186849	48.188	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	135601	52.710	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	108019m	47.702	ug/l		
77) Bromobenzene	11.177	156	102629	49.005	ug/l		97
78) n-propylbenzene	11.287	91	487644	48.514	ug/l		100
79) 2-Chlorotoluene	11.348	91	297829	48.377	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	336667	48.192	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	42385	47.732	ug/l		99
82) 4-Chlorotoluene	11.433	91	352626	48.497	ug/l		100
83) tert-Butylbenzene	11.695	119	345687	48.338	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	343705	48.528	ug/l		99
85) sec-Butylbenzene	11.872	105	405364	47.721	ug/l		100
86) p-Isopropyltoluene	11.988	119	335172	46.607	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	187647	48.240	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	192529	48.225	ug/l		100
89) n-Butylbenzene	12.311	91	305033	45.841	ug/l		99
90) Hexachloroethane	12.518	117	63234	50.083	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	184237	49.715	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25663	49.271	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	108674	45.121	ug/l		98
94) Hexachlorobutadiene	13.707	225	34910	42.673	ug/l		98
95) Naphthalene	13.756	128	341994	46.631	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	105507	47.092	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

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

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

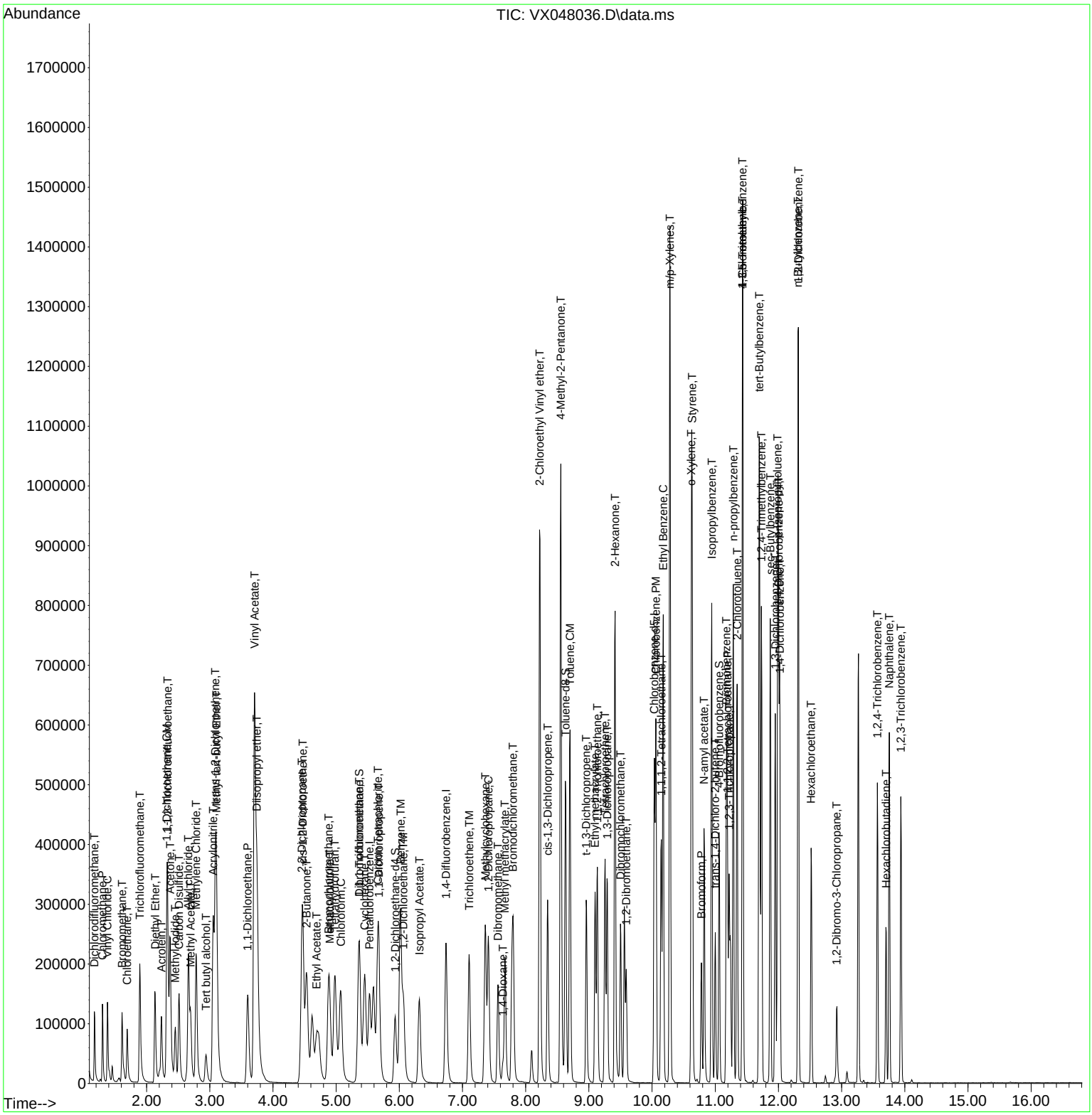
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



Sample Results: **VX048036.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	84	-0.02
2	T	Dichlorodifluoromethane	0.518	0.546	-5.4	91	0.00
3	P	Chloromethane	0.680	0.611	10.1	77	0.00
4	C	Vinyl Chloride	0.666	0.663	0.5#	84	0.00
5	T	Bromomethane	0.422	0.428	-1.4	84	0.00
6	T	Chloroethane	0.445	0.452	-1.6	85	0.00
7	T	Trichlorofluoromethane	0.989	1.050	-6.2	88	0.00
8	T	Diethyl Ether	0.405	0.424	-4.7	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.617	-6.7	88	0.00
10	T	Methyl Iodide	0.902	0.689	23.6	63	0.00
11	T	Tert butyl alcohol	0.089	0.086	3.4	81	0.00
12	CM	1,1-Dichloroethene	0.594	0.578	2.7#	80	0.00
13	T	Acrolein	0.082	0.126	-53.7#	129	0.00
14	T	Allyl chloride	1.226	1.178	3.9	81	0.00
15	T	Acrylonitrile	0.328	0.368	-12.2	89	-0.01
16	T	Acetone	0.346	0.394	-13.9	104	0.00
17	T	Carbon Disulfide	1.626	1.432	11.9	76	0.00
18	T	Methyl Acetate	0.770	0.907	-17.8	86	0.00
19	T	Methyl tert-butyl Ether	2.169	2.312	-6.6	86	0.00
20	T	Methylene Chloride	0.732	0.752	-2.7	86	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.650	-1.6	84	0.00
22	T	Diisopropyl ether	2.376	2.547	-7.2	86	-0.01
23	T	Vinyl Acetate	1.901	2.006	-5.5	84	0.00
24	P	1,1-Dichloroethane	1.263	1.344	-6.4	87	0.00
25	T	2-Butanone	0.432	0.471	-9.0	90	0.00
26	T	2,2-Dichloropropane	1.050	1.071	-2.0	84	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.803	-2.6	83	-0.01
28	T	Bromochloromethane	0.551	0.601	-9.1	87	-0.01
29	T	Tetrahydrofuran	0.260	0.266	-2.3	81	-0.01
30	C	Chloroform	1.276	1.378	-8.0#	87	0.00
31	T	Cyclohexane	1.052	0.909	13.6	74	0.00
32	T	1,1,1-Trichloroethane	1.082	1.125	-4.0	83	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.824	-3.5	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.335	0.370	-10.4	91	0.00
36	T	1,1-Dichloropropene	0.490	0.475	3.1	79	0.00
37	T	Ethyl Acetate	0.525	0.535	-1.9	82	-0.01
38	T	Carbon Tetrachloride	0.532	0.548	-3.0	82	-0.01
39	T	Methylcyclohexane	0.556	0.483	13.1	69	0.00
40	TM	Benzene	1.488	1.533	-3.0	82	0.00
41	T	Methacrylonitrile	0.271	0.303	-11.8	86	0.00
42	TM	1,2-Dichloroethane	0.566	0.596	-5.3	83	-0.01
43	T	Isopropyl Acetate	0.860	0.885	-2.9	80	0.00
44	TM	Trichloroethene	0.360	0.364	-1.1	80	0.00
45	C	1,2-Dichloropropane	0.381	0.413	-8.4#	84	0.00
46	T	Dibromomethane	0.277	0.295	-6.5	83	0.00
47	T	Bromodichloromethane	0.572	0.639	-11.7	85	0.00
48	T	Methyl methacrylate	0.429	0.446	-4.0	81	0.00

Sample Results: **VX048036.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	0.004	0.006	-50.0#	93	0.00
50	S	Toluene-d8	1.160	1.208	-4.1	85	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.523	-9.6	83	0.00
52	CM	Toluene	0.917	0.925	-0.9#	80	0.00
53	T	t-1,3-Dichloropropene	0.584	0.615	-5.3	81	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.663	-6.3	82	0.00
55	T	1,1,2-Trichloroethane	0.354	0.392	-10.7	87	0.00
56	T	Ethyl methacrylate	0.555	0.587	-5.8	79	0.00
57	T	1,3-Dichloropropane	0.607	0.662	-9.1	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.323	-42.3#	96	0.00
59	T	2-Hexanone	0.343	0.370	-7.9	84	0.00
60	T	Dibromochloromethane	0.407	0.464	-14.0	87	0.00
61	T	1,2-Dibromoethane	0.360	0.395	-9.7	85	0.00
62	S	4-Bromofluorobenzene	0.440	0.455	-3.4	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.326	0.310	4.9	78	0.00
65	PM	Chlorobenzene	1.136	1.171	-3.1	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.433	-10.5	86	0.00
67	C	Ethyl Benzene	1.960	1.968	-0.4#	79	0.00
68	T	m/p-Xylenes	0.729	0.738	-1.2	79	0.00
69	T	o-Xylene	0.706	0.724	-2.5	79	0.00
70	T	Styrene	1.236	1.302	-5.3	82	0.00
71	P	Bromoform	0.293	0.330	-12.6	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.801	3.646	4.1	79	0.00
74	T	N-amyl acetate	1.733	1.671	3.6	79	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.212	-5.4	87	0.00
76	T	1,2,3-Trichloropropane	1.012	0.966	4.5	75	0.00
77	T	Bromobenzene	0.936	0.918	1.9	81	0.00
78	T	n-propylbenzene	4.494	4.360	3.0	80	0.00
79	T	2-Chlorotoluene	2.752	2.663	3.2	80	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.010	3.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.379	4.5	80	0.00
82	T	4-Chlorotoluene	3.251	3.153	3.0	80	0.00
83	T	tert-Butylbenzene	3.197	3.091	3.3	81	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.073	2.9	80	0.00
85	T	sec-Butylbenzene	3.797	3.624	4.6	79	0.00
86	T	p-Isopropyltoluene	3.215	2.997	6.8	77	0.00
87	T	1,3-Dichlorobenzene	1.739	1.678	3.5	81	0.00
88	T	1,4-Dichlorobenzene	1.785	1.721	3.6	82	0.00
89	T	n-Butylbenzene	2.975	2.727	8.3	76	0.00
90	T	Hexachloroethane	0.564	0.565	-0.2	83	0.00
91	T	1,2-Dichlorobenzene	1.657	1.647	0.6	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.229	1.7	79	0.00
93	T	1,2,4-Trichlorobenzene	1.077	0.972	9.7	74	0.00
94	T	Hexachlorobutadiene	0.366	0.312	14.8	71	0.00
95	T	Naphthalene	3.279	3.058	6.7	76	0.00

Sample Results: **VX048036.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1.002	0.943	5.9	76	0.00

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

Sample Results: **VX048036.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	84	-0.02
2	T	Dichlorodifluoromethane	50.000	52.747	-5.5	91	0.00
3	P	Chloromethane	50.000	44.890	10.2	77	0.00
4	C	Vinyl Chloride	50.000	49.787	0.4#	84	0.00
5	T	Bromomethane	50.000	50.662	-1.3	84	0.00
6	T	Chloroethane	50.000	50.710	-1.4	85	0.00
7	T	Trichlorofluoromethane	50.000	53.107	-6.2	88	0.00
8	T	Diethyl Ether	50.000	52.390	-4.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.313	-6.6	88	0.00
10	T	Methyl Iodide	50.000	38.185	23.6	63	0.00
11	T	Tert butyl alcohol	250.000	242.285	3.1	81	0.00
12	CM	1,1-Dichloroethene	50.000	48.615	2.8#	80	0.00
13	T	Acrolein	250.000	386.081	-54.4#	129	0.00
14	T	Allyl chloride	50.000	48.063	3.9	81	0.00
15	T	Acrylonitrile	250.000	280.436	-12.2	89	-0.01
16	T	Acetone	250.000	284.864	-13.9	104	0.00
17	T	Carbon Disulfide	50.000	44.035	11.9	76	0.00
18	T	Methyl Acetate	50.000	58.880	-17.8	86	0.00
19	T	Methyl tert-butyl Ether	50.000	53.299	-6.6	86	0.00
20	T	Methylene Chloride	50.000	51.316	-2.6	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.836	-1.7	84	0.00
22	T	Diisopropyl ether	50.000	53.608	-7.2	86	-0.01
23	T	Vinyl Acetate	250.000	263.781	-5.5	84	0.00
24	P	1,1-Dichloroethane	50.000	53.230	-6.5	87	0.00
25	T	2-Butanone	250.000	272.553	-9.0	90	0.00
26	T	2,2-Dichloropropane	50.000	51.015	-2.0	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.262	-2.5	83	-0.01
28	T	Bromochloromethane	50.000	54.543	-9.1	87	-0.01
29	T	Tetrahydrofuran	250.000	256.299	-2.5	81	-0.01
30	C	Chloroform	50.000	54.008	-8.0#	87	0.00
31	T	Cyclohexane	50.000	43.201	13.6	74	0.00
32	T	1,1,1-Trichloroethane	50.000	51.964	-3.9	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.767	-3.5	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	55.183	-10.4	91	0.00
36	T	1,1-Dichloropropene	50.000	48.493	3.0	79	0.00
37	T	Ethyl Acetate	50.000	50.965	-1.9	82	-0.01
38	T	Carbon Tetrachloride	50.000	51.479	-3.0	82	-0.01
39	T	Methylcyclohexane	50.000	43.449	13.1	69	0.00
40	TM	Benzene	50.000	51.494	-3.0	82	0.00
41	T	Methacrylonitrile	50.000	55.927	-11.9	86	0.00
42	TM	1,2-Dichloroethane	50.000	52.636	-5.3	83	-0.01
43	T	Isopropyl Acetate	50.000	51.441	-2.9	80	0.00
44	TM	Trichloroethene	50.000	50.553	-1.1	80	0.00
45	C	1,2-Dichloropropane	50.000	54.243	-8.5#	84	0.00
46	T	Dibromomethane	50.000	53.185	-6.4	83	0.00
47	T	Bromodichloromethane	50.000	55.822	-11.6	85	0.00
48	T	Methyl methacrylate	50.000	52.037	-4.1	81	0.00

Sample Results: **VX048036.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1275.373	-27.5#	93	0.00
50	S	Toluene-d8	50.000	52.077	-4.2	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.101	-9.6	83	0.00
52	CM	Toluene	50.000	50.434	-0.9#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	52.700	-5.4	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.117	-6.2	82	0.00
55	T	1,1,2-Trichloroethane	50.000	55.370	-10.7	87	0.00
56	T	Ethyl methacrylate	50.000	52.838	-5.7	79	0.00
57	T	1,3-Dichloropropane	50.000	54.493	-9.0	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.331	-20.1	96	0.00
59	T	2-Hexanone	250.000	270.329	-8.1	84	0.00
60	T	Dibromochloromethane	50.000	56.973	-13.9	87	0.00
61	T	1,2-Dibromoethane	50.000	54.845	-9.7	85	0.00
62	S	4-Bromofluorobenzene	50.000	51.710	-3.4	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	47.627	4.7	78	0.00
65	PM	Chlorobenzene	50.000	51.531	-3.1	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.287	-10.6	86	0.00
67	C	Ethyl Benzene	50.000	50.194	-0.4#	79	0.00
68	T	m/p-Xylenes	100.000	101.212	-1.2	79	0.00
69	T	o-Xylene	50.000	51.326	-2.7	79	0.00
70	T	Styrene	50.000	52.654	-5.3	82	0.00
71	P	Bromoform	50.000	56.449	-12.9	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	47.956	4.1	79	0.00
74	T	N-amyl acetate	50.000	48.188	3.6	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.710	-5.4	87	0.00
76	T	1,2,3-Trichloropropane	50.000	47.702	4.6	75	0.00
77	T	Bromobenzene	50.000	49.005	2.0	81	0.00
78	T	n-propylbenzene	50.000	48.514	3.0	80	0.00
79	T	2-Chlorotoluene	50.000	48.377	3.2	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.192	3.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.732	4.5	80	0.00
82	T	4-Chlorotoluene	50.000	48.497	3.0	80	0.00
83	T	tert-Butylbenzene	50.000	48.338	3.3	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.528	2.9	80	0.00
85	T	sec-Butylbenzene	50.000	47.721	4.6	79	0.00
86	T	p-Isopropyltoluene	50.000	46.607	6.8	77	0.00
87	T	1,3-Dichlorobenzene	50.000	48.240	3.5	81	0.00
88	T	1,4-Dichlorobenzene	50.000	48.225	3.5	82	0.00
89	T	n-Butylbenzene	50.000	45.841	8.3	76	0.00
90	T	Hexachloroethane	50.000	50.083	-0.2	83	0.00
91	T	1,2-Dichlorobenzene	50.000	49.715	0.6	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.271	1.5	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.121	9.8	74	0.00
94	T	Hexachlorobutadiene	50.000	42.673	14.7	71	0.00
95	T	Naphthalene	50.000	46.631	6.7	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048036.D
Acq On : 07 Oct 2025 08:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 01:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	47.092	5.8	76	0.00

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

QC SAMPLE DATA

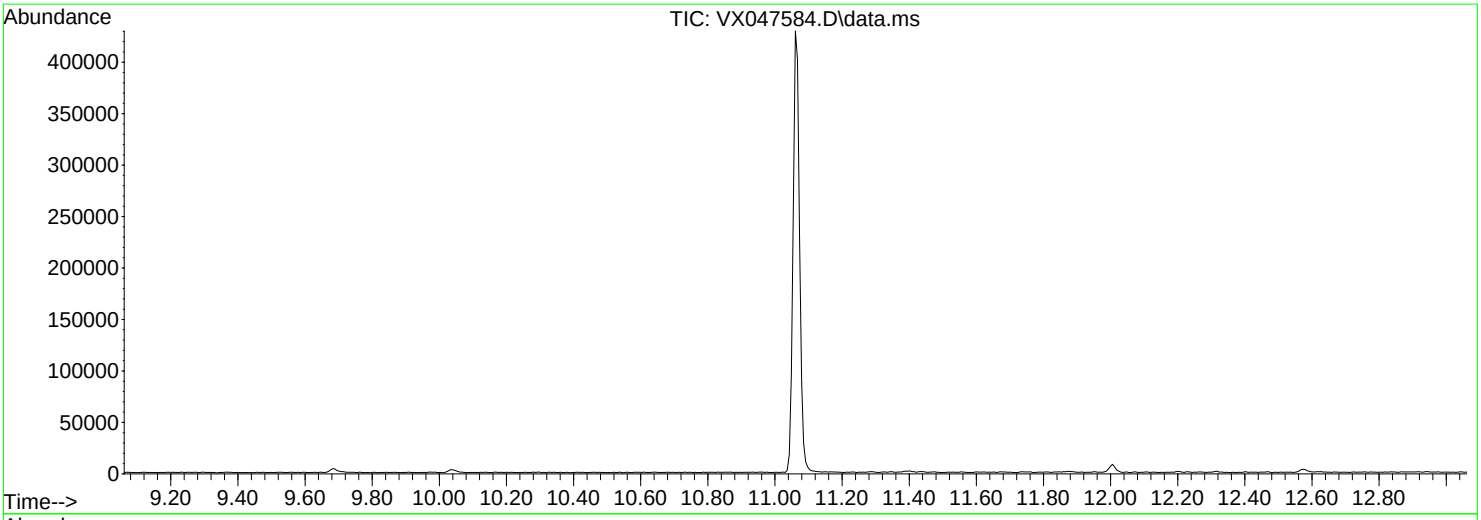
Sample Results: **VX047584.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
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\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

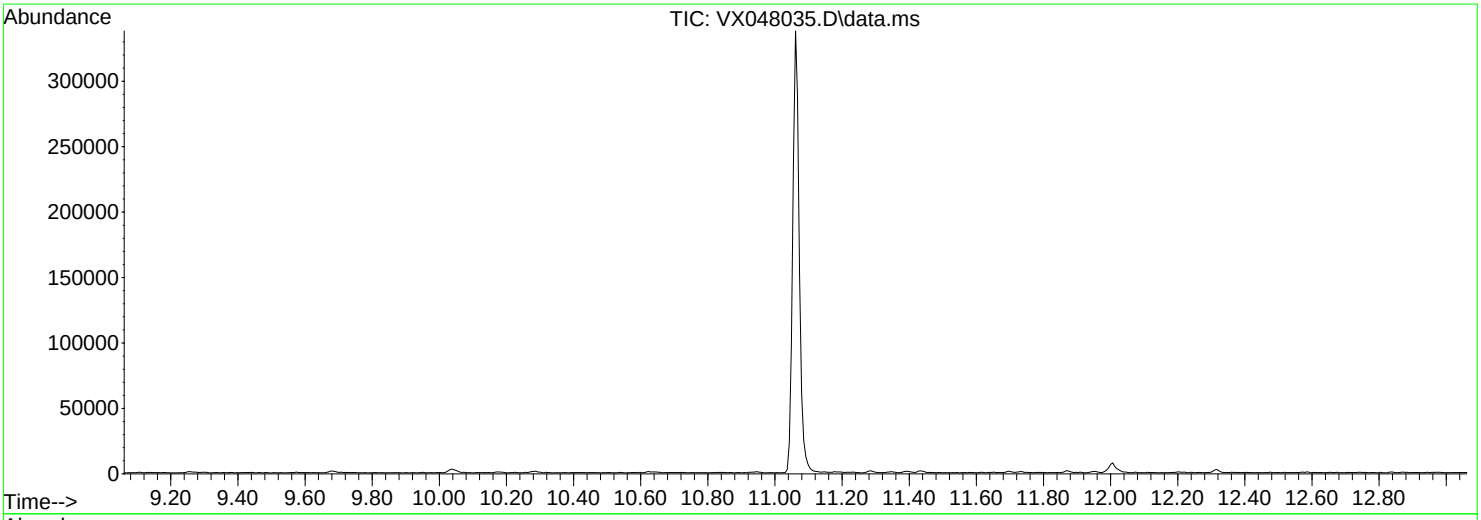
Sample Results: **VX048035.D**

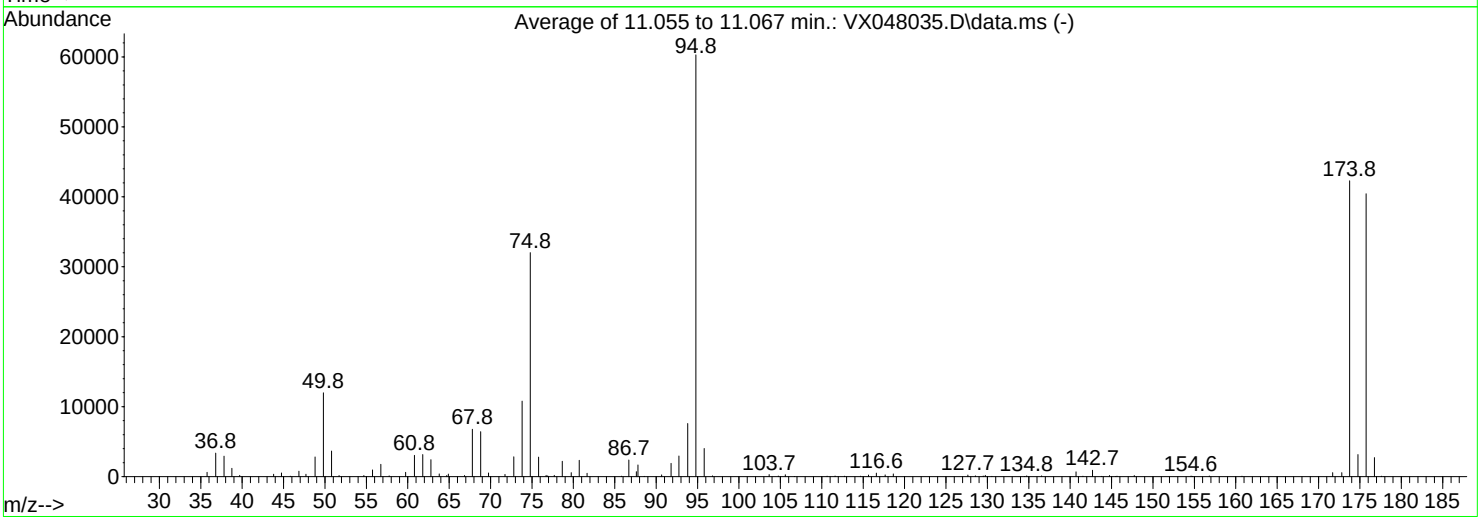
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048035.D
Acq On : 07 Oct 2025 08:07
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	11990	PASS
75	95	30	60	53.1	32032	PASS
95	95	100	100	100.0	60293	PASS
96	95	5	9	6.7	4022	PASS
173	174	0.00	2	1.4	579	PASS
174	95	50	100	70.1	42280	PASS
175	174	5	9	7.4	3149	PASS
176	174	95	101	95.6	40427	PASS
177	176	5	9	6.7	2716	PASS

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:	VX1007WBL01		SDG No.:	Q3278	
Lab Sample ID:	VX1007WBL01		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:	Date Analyzed	Prep Batch ID
VX048038.D	1	10/07/25 09:34	VX100725

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

Raw Data: **VX048038.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX1007WBL01	SDG No.:	Q3278
Lab Sample ID:	VX1007WBL01	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:	Date Analyzed	Prep Batch ID
VX048038.D	1	10/07/25 09:34	VX100725

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	57.3		70 (74) - 130 (125)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	49.3		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	133000	5.544			
540-36-3	1,4-Difluorobenzene	276000	6.751			
3114-55-4	Chlorobenzene-d5	292000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	145000	12.006			

Raw Data: **VX048038.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DPW		Date Received:		
Client Sample ID:	VX1007WBL01		SDG No.:	Q3278	
Lab Sample ID:	VX1007WBL01		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:	Date Analyzed	Prep Batch ID
VX048038.D	1	10/07/25 09:34	VX100725

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\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Quant Time: Oct 08 01:20:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

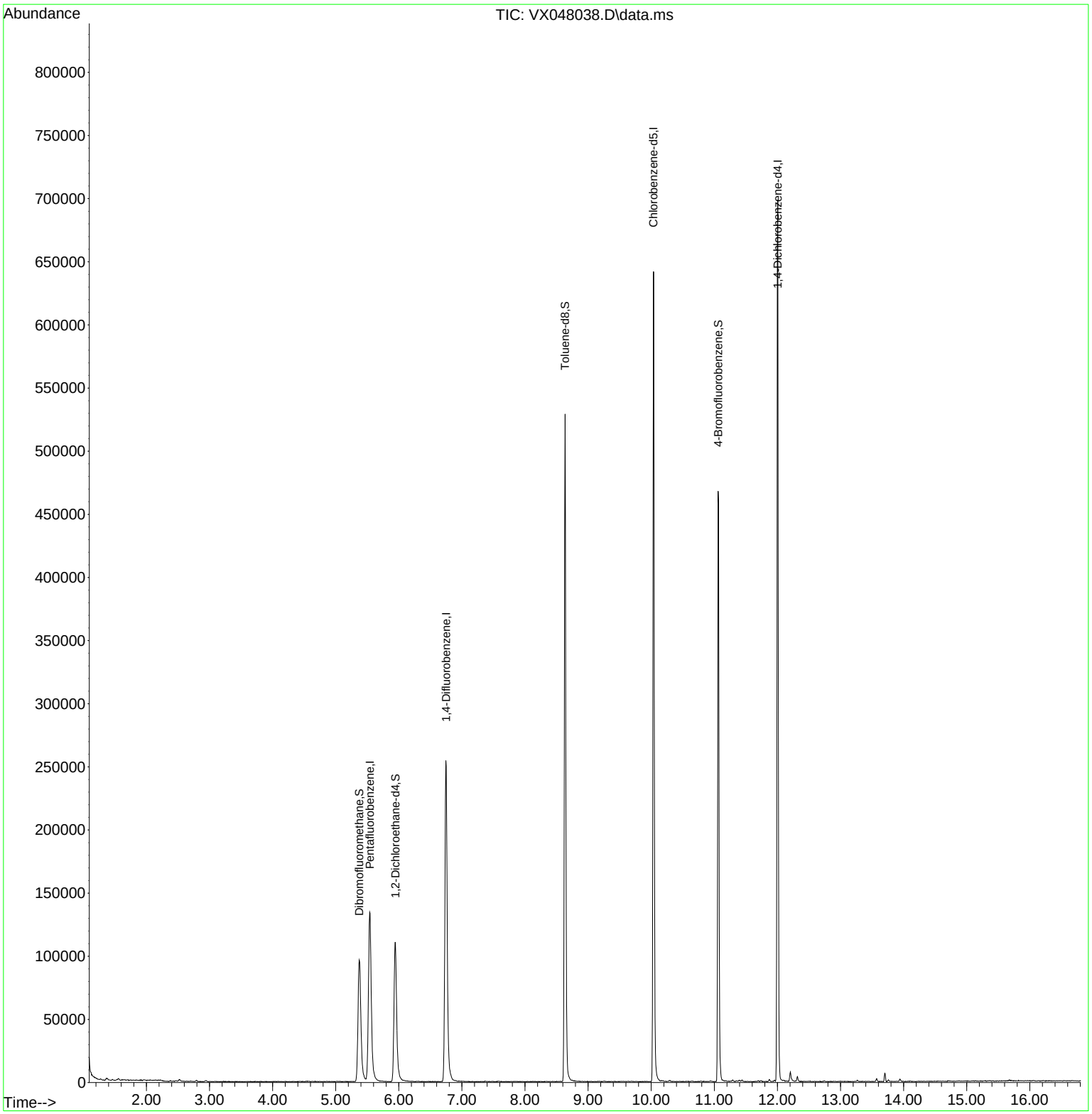
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	133238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121535	57.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.620%			
35) Dibromofluoromethane	5.373	113	95545	51.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.635	98	316128	49.284	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.061	95	138323	56.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.640%			
Target Compounds						Qvalue

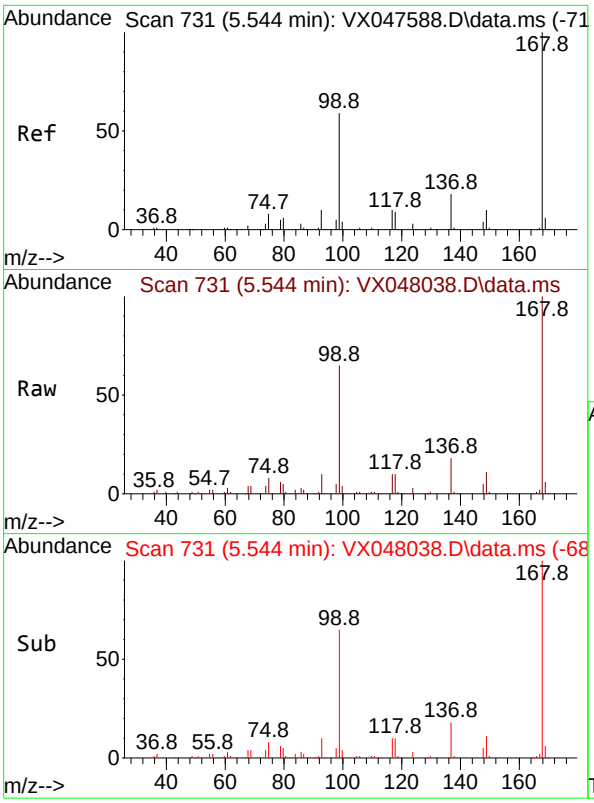
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Quant Time: Oct 08 01:20:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



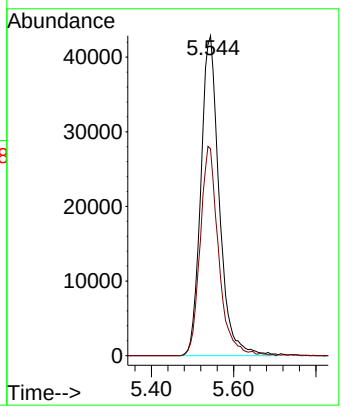


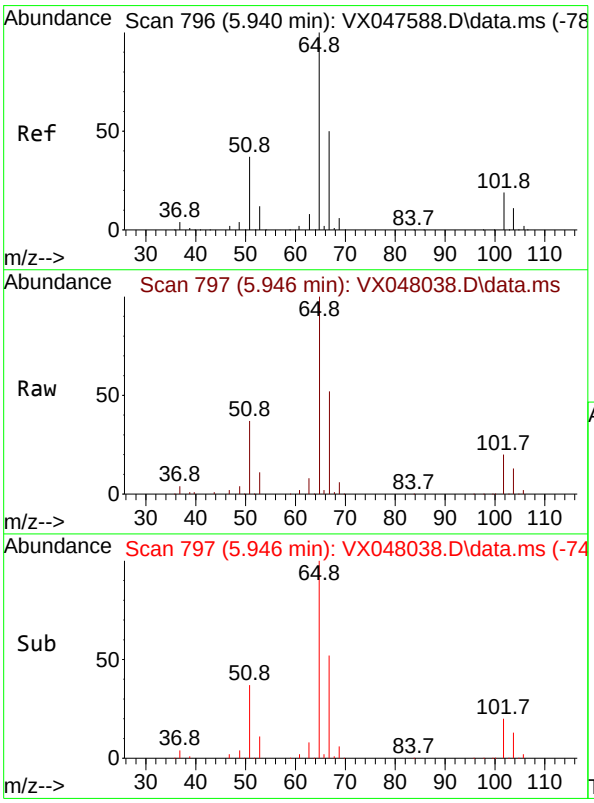
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion:168 Resp: 133238

Ion	Ratio	Lower	Upper
168	100		
99	64.6	48.8	73.2

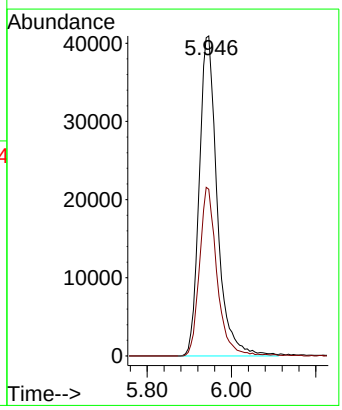


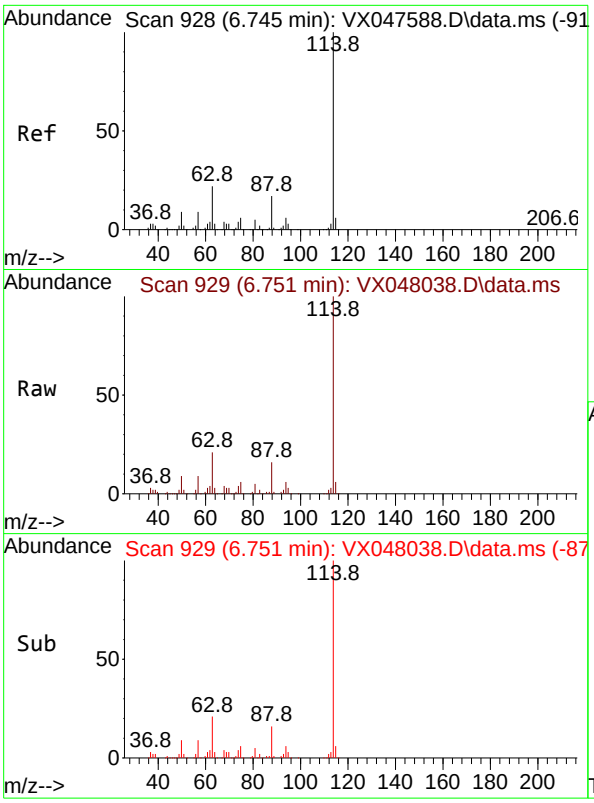


#33
1,2-Dichloroethane-d4
Concen: 57.306 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion: 65 Resp: 121535

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0



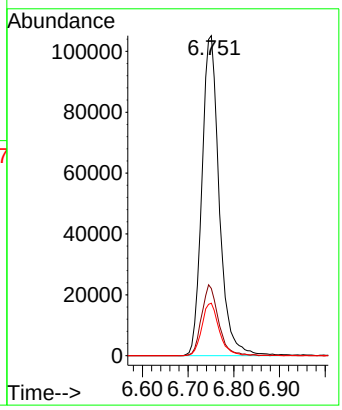


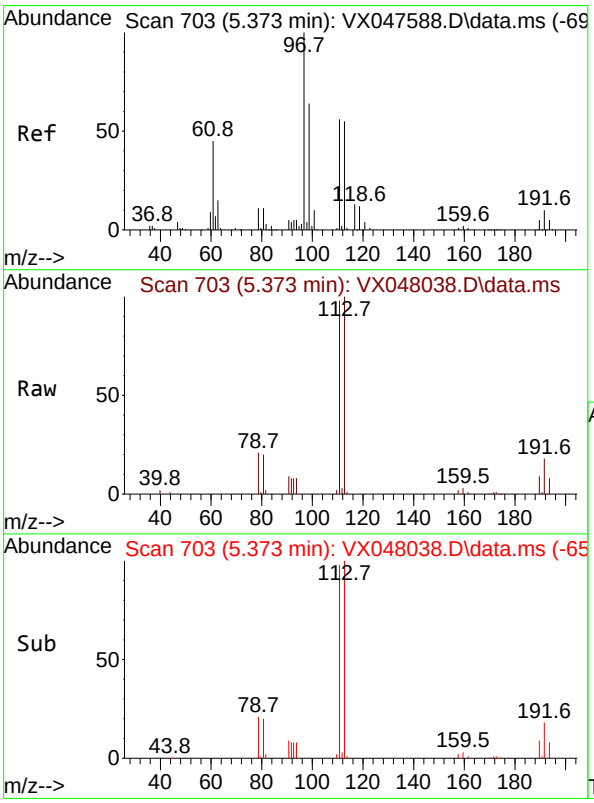
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion:114 Resp: 276412

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.0
88	16.4	0.0	34.2

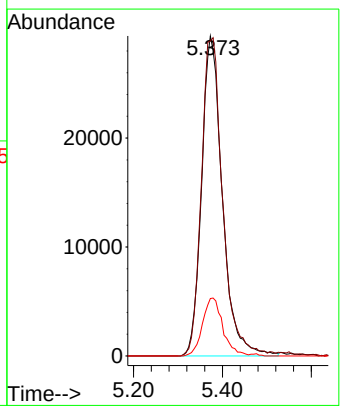


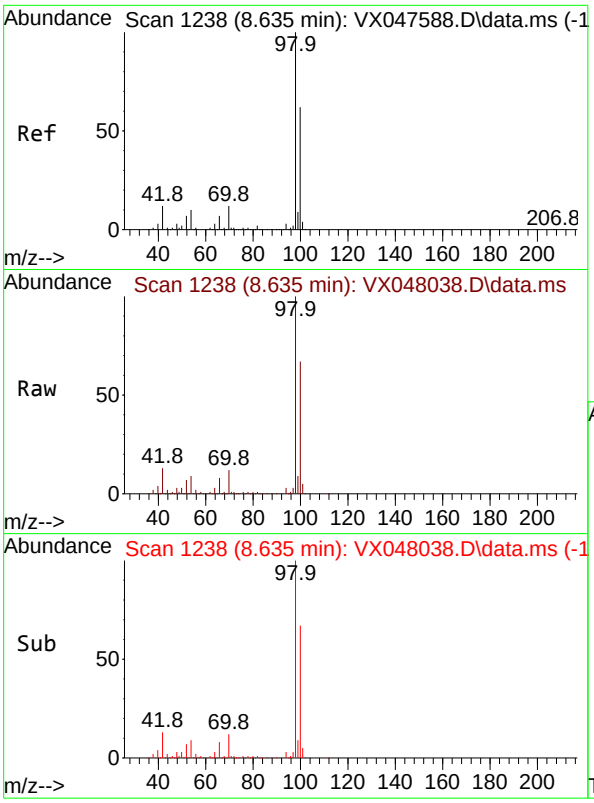


#35
Dibromofluoromethane
Concen: 51.541 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion:113 Resp: 95545

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.9	121.3
192	17.7	14.2	21.4



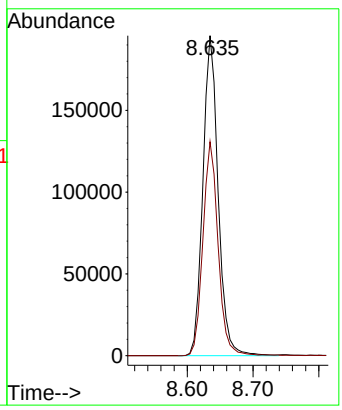


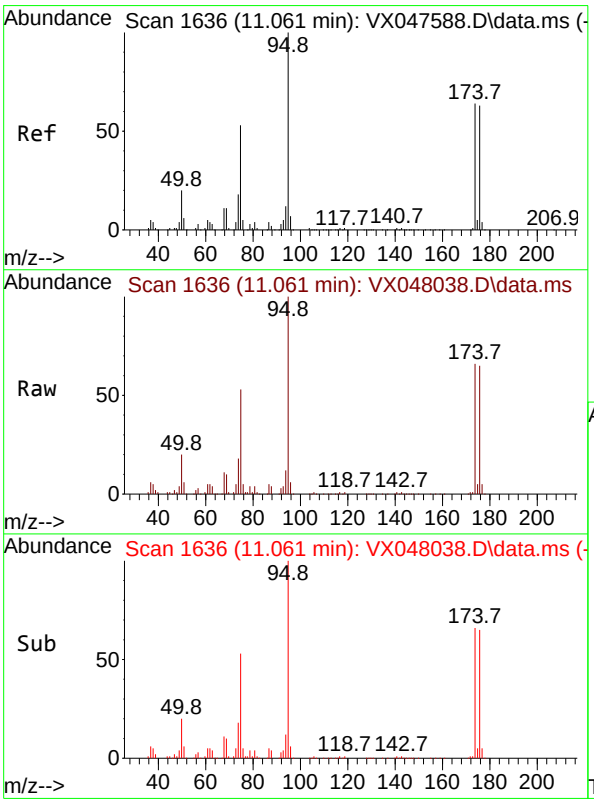
#50
Toluene-d8
Concen: 49.284 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion: 98 Resp: 316128

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

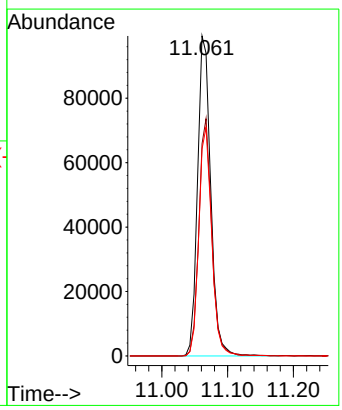


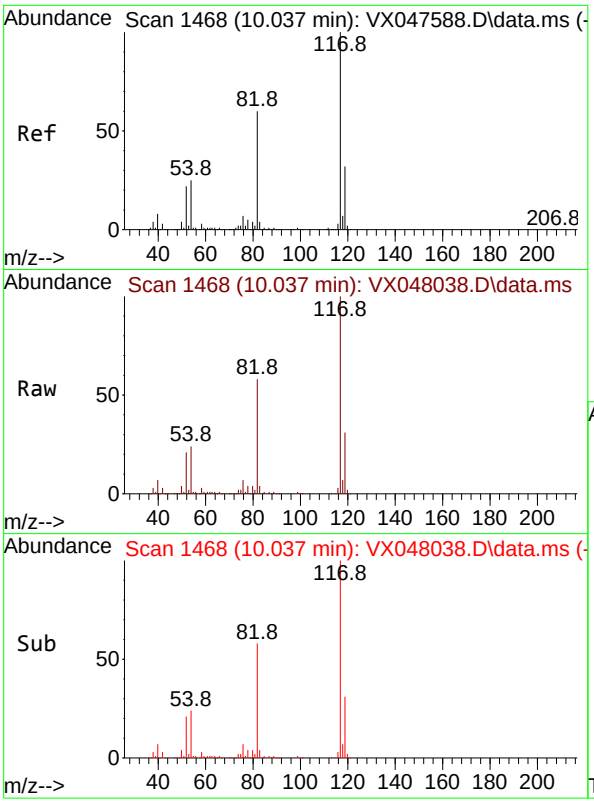


#62
4-Bromofluorobenzene
Concen: 56.820 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion: 95 Resp: 138323

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.6
176	70.1	0.0	138.4



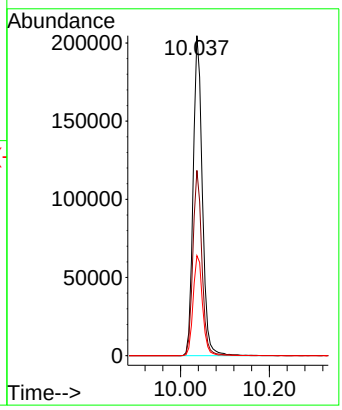


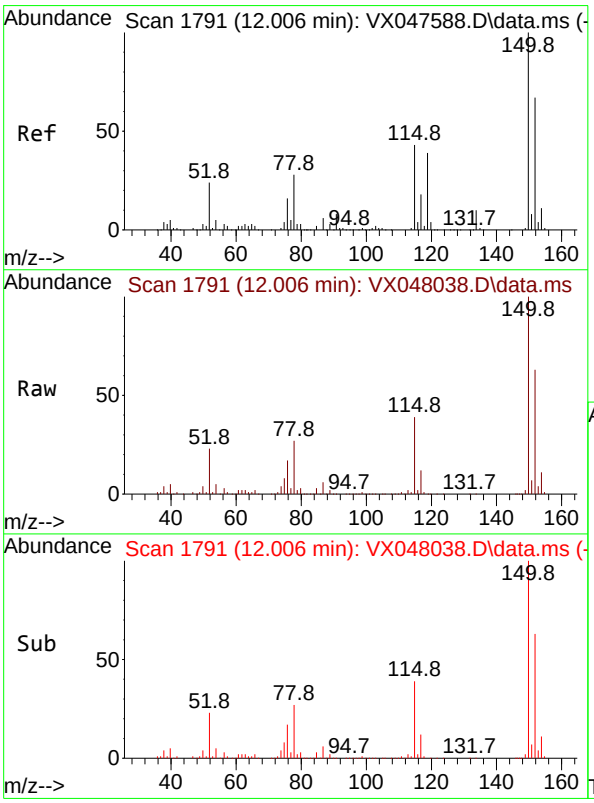
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion:117 Resp: 291549

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	31.3	25.2	37.8

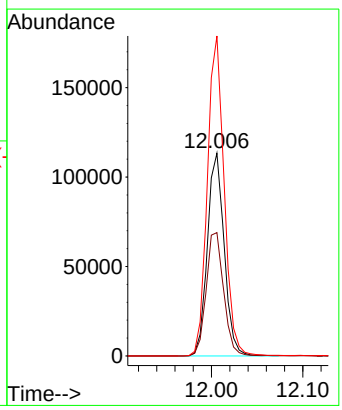




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion:152 Resp: 144709

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.9	134.5
150	157.5	0.0	352.0



Sample Results: **VX048038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

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\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048038.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	692	703	719	rBV4	96129	311561	33.87%	6.112%
2	5.538	721	730	756	rVB	133942	421351	45.81%	8.266%
3	5.940	786	796	816	rBV	110273	327789	35.64%	6.431%
4	6.745	919	928	950	rBV	254139	665857	72.39%	13.063%
5	8.635	1231	1238	1254	rBV	528433	859028	93.39%	16.852%
6	10.037	1462	1468	1486	rBV	641513	915833	99.57%	17.967%
7	11.061	1631	1636	1651	rBV	467432	662785	72.06%	13.003%
8	12.006	1785	1791	1804	rBV	697998	919783	100.00%	18.044%
9	12.207	1818	1824	1835	rBV2	7559	13365	1.45%	0.262%

Sum of corrected areas: 5097352

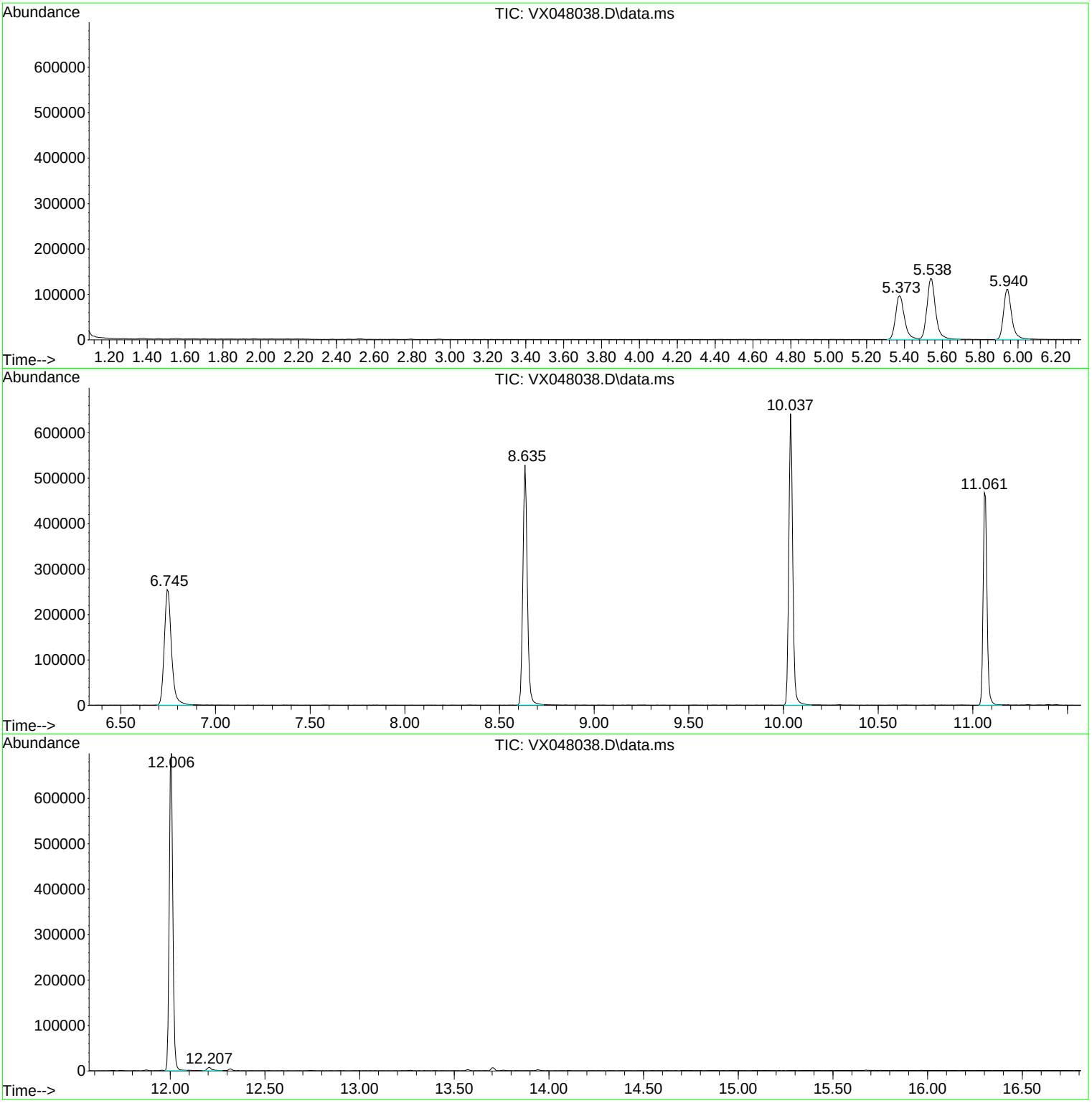
Sample Results: **VX048038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX048038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VX100725\
Data File : VX048038.D
Acq On : 07 Oct 2025 09:34
Operator : JC/MD
Sample : VX1007WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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: **VX048039.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:	VX1007WBS01		SDG No.:	Q3278	
Lab Sample ID:	VX1007WBS01		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:	Date Analyzed	Prep Batch ID
VX048039.D	1	10/07/25 10:06	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.22	1.00	ug/L
74-87-3	Chloromethane	17.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.9		1.40	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.7		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.4		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.7		0.22	1.00	ug/L
67-66-3	Chloroform	22.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.2		0.16	1.00	ug/L
71-43-2	Benzene	21.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	22.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	21.0		0.14	1.00	ug/L

Raw Data: **VX048039.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:	VX1007WBS01		SDG No.:	Q3278	
Lab Sample ID:	VX1007WBS01		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:	Date Analyzed	Prep Batch ID
VX048039.D	1	10/07/25 10:06	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	23.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	23.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.9		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	22.9		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	55.8		70 (75) - 130 (124)	112%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	5.531			
540-36-3	1,4-Difluorobenzene	226000	6.745			
3114-55-4	Chlorobenzene-d5	211000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	108000	12.006			

Raw Data: **VX048039.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:	VX1007WBS01			SDG No.:	Q3278
Lab Sample ID:	VX1007WBS01			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:	Date Analyzed	Prep Batch ID
VX048039.D	1	10/07/25 10:06	VX100725

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\VX100725\
Data File : VX048039.D
Acq On : 07 Oct 2025 10:06
Operator : JC/MD
Sample : VX1007WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 01:21:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	127551	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	226030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	110272	54.313	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.620%			
35) Dibromofluoromethane	5.367	113	84576	55.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.580%			
50) Toluene-d8	8.628	98	280524	53.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.960%			
62) 4-Bromofluorobenzene	11.061	95	108967	54.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	25457	19.274	ug/l	100
3) Chloromethane	1.300	50	29667	17.090	ug/l	95
4) Vinyl Chloride	1.380	62	32075	18.876	ug/l	94
5) Bromomethane	1.617	94	21458	19.914	ug/l	84
6) Chloroethane	1.697	64	22720	20.005	ug/l	99
7) Trichlorofluoromethane	1.892	101	50935	20.188	ug/l	97
8) Diethyl Ether	2.136	74	21612	20.940	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	30061	20.376	ug/l	98
10) Methyl Iodide	2.453	142	32850	14.277	ug/l	97
11) Tert butyl alcohol	2.940	59	22993	101.685	ug/l	99
12) 1,1-Dichloroethene	2.325	96	29889	19.723	ug/l	95
13) Acrolein	2.233	56	24670	118.393	ug/l	98
14) Allyl chloride	2.666	41	58931	18.845	ug/l	98
15) Acrylonitrile	3.056	53	92930	110.953	ug/l	98
16) Acetone	2.373	43	88859	100.659	ug/l	97
17) Carbon Disulfide	2.514	76	70003	16.874	ug/l	98
18) Methyl Acetate	2.697	43	47265	24.058	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	118021	21.334	ug/l	98
20) Methylene Chloride	2.782	84	38687	20.704	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	31652	19.400	ug/l	92
22) Diisopropyl ether	3.745	45	130728	21.570	ug/l #	81
23) Vinyl Acetate	3.709	43	507345	104.596	ug/l	100
24) 1,1-Dichloroethane	3.599	63	68520	21.271	ug/l	99
25) 2-Butanone	4.532	43	119146	108.201	ug/l	98
26) 2,2-Dichloropropane	4.464	77	54117	20.211	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	42867	21.454	ug/l	96
28) Bromochloromethane	4.879	49	31915	22.695	ug/l	96
29) Tetrahydrofuran	4.983	42	71303	107.639	ug/l	100
30) Chloroform	5.074	83	72615	22.308	ug/l	100
31) Cyclohexane	5.452	56	46681	17.400	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	58620	21.231	ug/l	98
36) 1,1-Dichloropropene	5.672	75	42751	19.300	ug/l	99
37) Ethyl Acetate	4.690	43	47008	19.820	ug/l	99
38) Carbon Tetrachloride	5.659	117	49885	20.728	ug/l	98
39) Methylcyclohexane	7.360	83	43263	17.206	ug/l	96
40) Benzene	6.019	78	141033	20.963	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048039.D
Acq On : 07 Oct 2025 10:06
Operator : JC/MD
Sample : VX1007WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 01:21:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	26454	21.606	ug/l		97
42) 1,2-Dichloroethane	6.068	62	55987	21.872	ug/l		100
43) Isopropyl Acetate	6.318	43	81806	21.031	ug/l		99
44) Trichloroethene	7.110	130	33905	20.845	ug/l		96
45) 1,2-Dichloropropane	7.415	63	37696	21.882	ug/l		100
46) Dibromomethane	7.561	93	27445	21.893	ug/l		97
47) Bromodichloromethane	7.799	83	59042	22.823	ug/l		96
48) Methyl methacrylate	7.677	41	40768	21.041	ug/l		99
49) 1,4-Dioxane	7.641	88	10466	534.506	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	251101	116.432	ug/l		99
52) Toluene	8.702	92	87184	21.034	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	55042	20.860	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	60721	21.530	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	37323	23.352	ug/l		99
56) Ethyl methacrylate	9.098	69	53104	21.157	ug/l		99
57) 1,3-Dichloropropane	9.293	76	62668	22.825	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	125479	111.431	ug/l		100
59) 2-Hexanone	9.415	43	172903	111.629	ug/l		100
60) Dibromochloromethane	9.500	129	43740	23.752	ug/l		99
61) 1,2-Dibromoethane	9.592	107	36959	22.703	ug/l		98
64) Tetrachloroethene	9.256	164	26192	19.041	ug/l		98
65) Chlorobenzene	10.061	112	98733	20.597	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	35646	21.549	ug/l		97
67) Ethyl Benzene	10.177	91	162190	19.609	ug/l		100
68) m/p-Xylenes	10.287	106	123357	40.069	ug/l		99
69) o-Xylene	10.622	106	59317	19.920	ug/l		99
70) Styrene	10.640	104	104217	19.974	ug/l		99
71) Bromoform	10.780	173	28223	22.850	ug/l	#	96
73) Isopropylbenzene	10.945	105	153512	18.642	ug/l		100
74) N-amyl acetate	10.823	43	69869	18.607	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	53287	21.389	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	46944m	21.406	ug/l		
77) Bromobenzene	11.183	156	39165	19.311	ug/l		96
78) n-propylbenzene	11.286	91	183093	18.809	ug/l		99
79) 2-Chlorotoluene	11.347	91	114168	19.149	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	127082	18.784	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	15343	17.842	ug/l		99
82) 4-Chlorotoluene	11.439	91	136375	19.367	ug/l		99
83) tert-Butylbenzene	11.695	119	129137	18.646	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	128943	18.799	ug/l		99
85) sec-Butylbenzene	11.872	105	153093	18.610	ug/l		100
86) p-Isopropyltoluene	11.994	119	129402	18.581	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	72823	19.332	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	75915	19.635	ug/l		99
89) n-Butylbenzene	12.317	91	117072	18.167	ug/l		98
90) Hexachloroethane	12.518	117	24379	19.938	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	70733	19.709	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9505	18.844	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	41535	17.807	ug/l		99
94) Hexachlorobutadiene	13.707	225	14621	18.455	ug/l		99
95) Naphthalene	13.756	128	124254	17.494	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	40530	18.680	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048039.D
Acq On : 07 Oct 2025 10:06
Operator : JC/MD
Sample : VX1007WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Quant Time: Oct 08 01:21:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

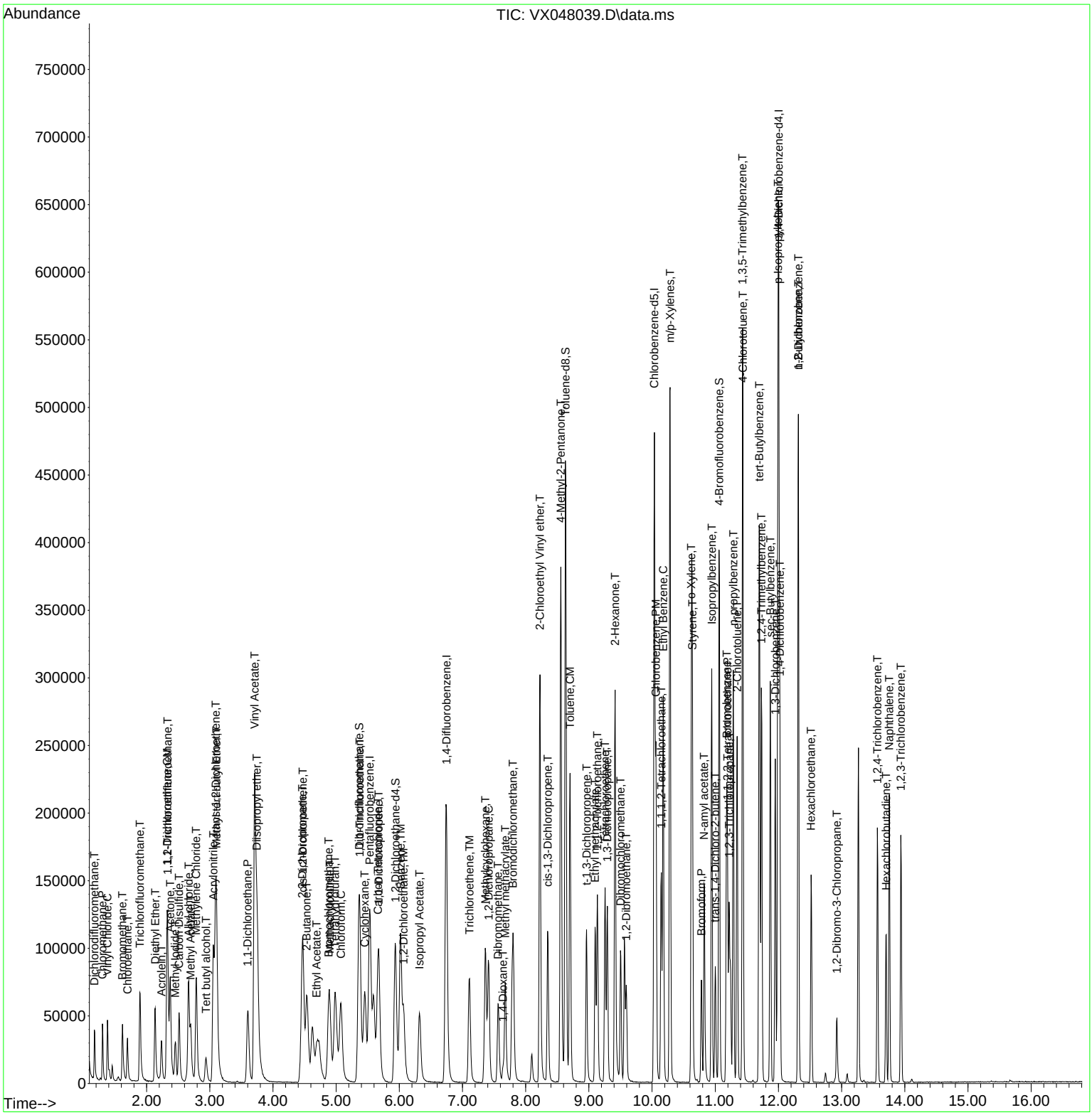
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048039.D
Acq On : 07 Oct 2025 10:06
Operator : JC/MD
Sample : VX1007WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 01:21:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



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:	VX1007WBSD01		SDG No.:	Q3278	
Lab Sample ID:	VX1007WBSD01		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:	Date Analyzed	Prep Batch ID
VX048040.D	1	10/07/25 10:34	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.2		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.7		1.40	5.00	ug/L
75-00-3	Chloroethane	18.5		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	1.00	ug/L
67-64-1	Acetone	88.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.5		0.22	1.00	ug/L
67-66-3	Chloroform	21.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	20.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	22.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	20.7		0.14	1.00	ug/L

Raw Data: **VX048040.D**

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Project:	DPW		Date Received:		
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Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048040.D	1	10/07/25 10:34	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	23.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	20.4		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 (75) - 130 (124)	110%	SPK: 50
2037-26-5	Toluene-d8	53.2		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	5.531			
540-36-3	1,4-Difluorobenzene	226000	6.745			
3114-55-4	Chlorobenzene-d5	208000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	106000	12.006			

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GC Column:	DB-624UI ID :	0.18	Level :	LOW	
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File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048040.D	1	10/07/25 10:34	VX100725

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\VX100725\
Data File : VX048040.D
Acq On : 07 Oct 2025 10:34
Operator : JC/MD
Sample : VX1007WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	129287	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	226163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	109012	52.972	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.940%			
35) Dibromofluoromethane	5.367	113	83203	54.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.720%			
50) Toluene-d8	8.634	98	279132	53.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.360%			
62) 4-Bromofluorobenzene	11.061	95	106533	53.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	25734	19.222	ug/l	99
3) Chloromethane	1.300	50	29434	16.728	ug/l	98
4) Vinyl Chloride	1.380	62	31750	18.434	ug/l	98
5) Bromomethane	1.617	94	21525	19.708	ug/l	100
6) Chloroethane	1.697	64	21297	18.500	ug/l	100
7) Trichlorofluoromethane	1.898	101	50917	19.910	ug/l	97
8) Diethyl Ether	2.136	74	21156	20.223	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	30212	20.204	ug/l	97
10) Methyl Iodide	2.453	142	34836	14.937	ug/l	98
11) Tert butyl alcohol	2.940	59	23311	101.707	ug/l	99
12) 1,1-Dichloroethene	2.325	96	29331	19.095	ug/l	93
13) Acrolein	2.233	56	24785	117.348	ug/l	95
14) Allyl chloride	2.666	41	58323	18.400	ug/l	97
15) Acrylonitrile	3.056	53	95434	112.412	ug/l	99
16) Acetone	2.373	43	79386	88.720	ug/l	97
17) Carbon Disulfide	2.514	76	69412	16.507	ug/l	98
18) Methyl Acetate	2.697	43	47223	23.714	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	114319	20.387	ug/l	99
20) Methylene Chloride	2.788	84	38168	20.152	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	31909	19.295	ug/l	98
22) Diisopropyl ether	3.745	45	127984	20.834	ug/l #	80
23) Vinyl Acetate	3.709	43	497771	101.245	ug/l	100
24) 1,1-Dichloroethane	3.599	63	66422	20.343	ug/l	98
25) 2-Butanone	4.538	43	116527	104.402	ug/l	97
26) 2,2-Dichloropropane	4.465	77	52230	19.244	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	40046	19.773	ug/l	98
28) Bromochloromethane	4.879	49	32037	22.476	ug/l	99
29) Tetrahydrofuran	4.989	42	70161	104.493	ug/l	99
30) Chloroform	5.074	83	71848	21.776	ug/l	97
31) Cyclohexane	5.452	56	49103	18.057	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	59493	21.258	ug/l	99
36) 1,1-Dichloropropene	5.678	75	42215	19.047	ug/l	99
37) Ethyl Acetate	4.696	43	47144	19.866	ug/l	97
38) Carbon Tetrachloride	5.659	117	49019	20.356	ug/l	96
39) Methylcyclohexane	7.366	83	46603	18.524	ug/l	96
40) Benzene	6.025	78	136485	20.275	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048040.D
Acq On : 07 Oct 2025 10:34
Operator : JC/MD
Sample : VX1007WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	26431	21.574	ug/l		97
42) 1,2-Dichloroethane	6.068	62	54111	21.126	ug/l		98
43) Isopropyl Acetate	6.318	43	82539	21.207	ug/l		99
44) Trichloroethene	7.110	130	32478	19.956	ug/l		96
45) 1,2-Dichloropropane	7.409	63	37442	21.722	ug/l		98
46) Dibromomethane	7.562	93	26732	21.311	ug/l		97
47) Bromodichloromethane	7.805	83	57177	22.089	ug/l		99
48) Methyl methacrylate	7.677	41	39794	20.527	ug/l		98
49) 1,4-Dioxane	7.647	88	9973	509.029	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	248725	115.262	ug/l		98
52) Toluene	8.702	92	85813	20.691	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	54344	20.583	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	58877	20.864	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	36673	22.932	ug/l		98
56) Ethyl methacrylate	9.098	69	52781	21.016	ug/l		98
57) 1,3-Dichloropropane	9.293	76	62031	22.580	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	124068	110.225	ug/l		99
59) 2-Hexanone	9.415	43	170424	109.964	ug/l		100
60) Dibromochloromethane	9.506	129	42828	23.243	ug/l		99
61) 1,2-Dibromoethane	9.592	107	36442	22.373	ug/l		98
64) Tetrachloroethene	9.256	164	26846	19.802	ug/l		96
65) Chlorobenzene	10.061	112	96810	20.490	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	35383	21.703	ug/l		98
67) Ethyl Benzene	10.177	91	159608	19.579	ug/l		100
68) m/p-Xylenes	10.287	106	122985	40.532	ug/l		99
69) o-Xylene	10.622	106	58030	19.773	ug/l		97
70) Styrene	10.640	104	104742	20.368	ug/l		98
71) Bromoform	10.780	173	27253	22.387	ug/l	#	99
73) Isopropylbenzene	10.945	105	154543	19.179	ug/l		99
74) N-amyl acetate	10.829	43	69650	18.955	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	52174	21.401	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	46431m	21.637	ug/l		
77) Bromobenzene	11.183	156	39023	19.663	ug/l		97
78) n-propylbenzene	11.286	91	184268	19.345	ug/l		100
79) 2-Chlorotoluene	11.347	91	115039	19.719	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	128280	19.377	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	14510	17.243	ug/l		95
82) 4-Chlorotoluene	11.439	91	133926	19.437	ug/l		100
83) tert-Butylbenzene	11.695	119	130736	19.291	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	129597	19.309	ug/l		97
85) sec-Butylbenzene	11.872	105	160547	19.945	ug/l		100
86) p-Isopropyltoluene	11.994	119	132790	19.486	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	72227	19.594	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	75625	19.989	ug/l		99
89) n-Butylbenzene	12.317	91	121031	19.194	ug/l		98
90) Hexachloroethane	12.518	117	24161	20.194	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	71603	20.389	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	9851	19.958	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	42699	18.708	ug/l		99
94) Hexachlorobutadiene	13.707	225	15658	20.197	ug/l		98
95) Naphthalene	13.756	128	129869	18.686	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	42194	19.874	ug/l		97

Sample Results: **VX048040.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048040.D
Acq On : 07 Oct 2025 10:34
Operator : JC/MD
Sample : VX1007WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD01

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Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

Quant Time: Oct 08 01:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

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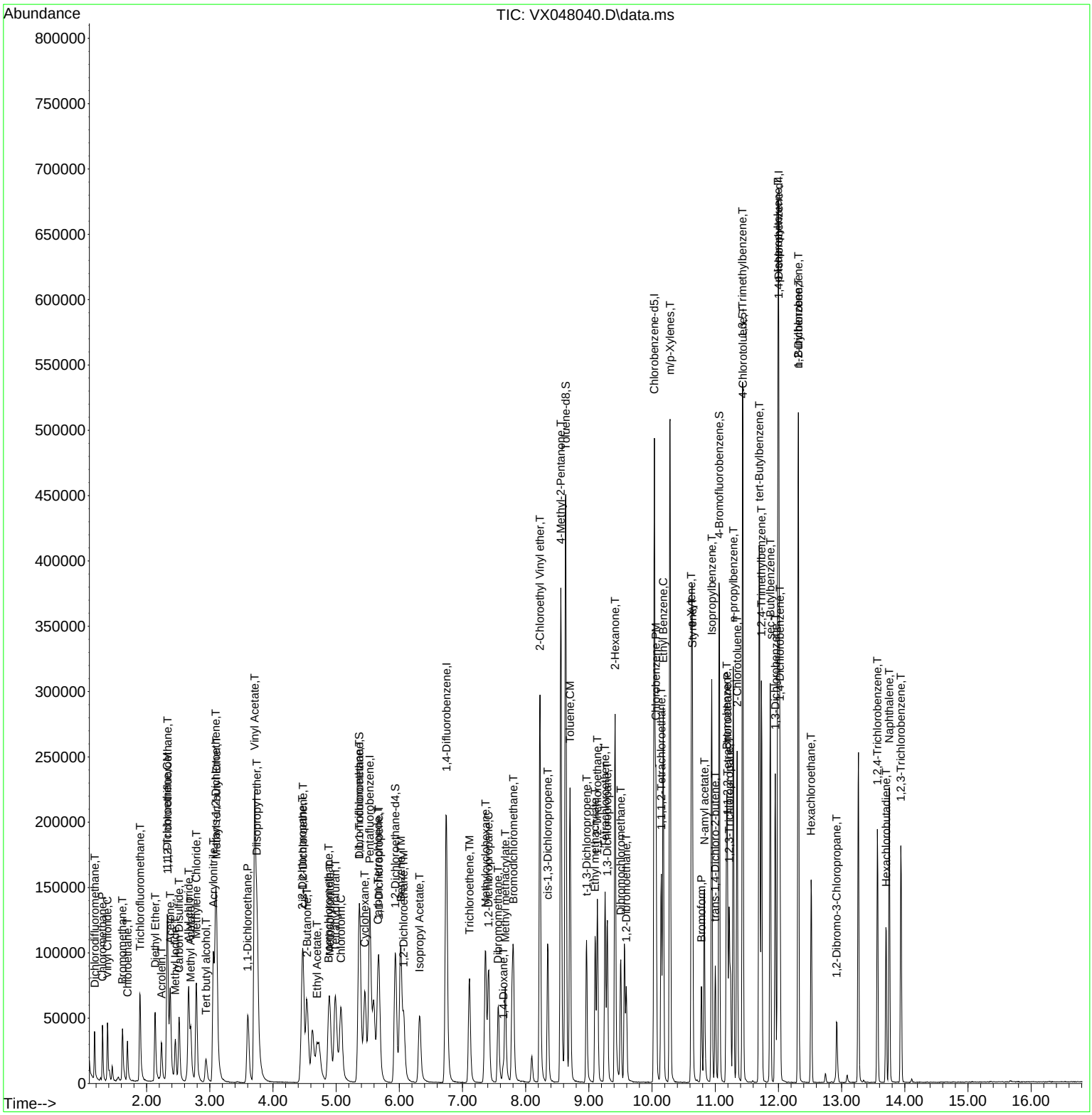

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048036.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:08:53 AM	MMdadoda	10/9/2025 4:41:28 AM	Peak Integrated by Software
VX1007WBS01	VX048039.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:08:59 AM	MMdadoda	10/9/2025 4:41:34 AM	Peak Integrated by Software
VX1007WBSD01	VX048040.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:09:04 AM	MMdadoda	10/9/2025 4:41:38 AM	Peak Integrated by Software
Q3278-01	VX048043.D	n-Butylbenzene	JOHN	10/8/2025 8:09:09 AM	MMdadoda	10/9/2025 4:41:43 AM	Peak Integrated by Software
VSTDCCC050	VX048050.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:09:16 AM	MMdadoda	10/9/2025 4:41:48 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	1,1,1-Trichloroethane	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	1,1,2-Trichlorotrifluoroethane	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	1,4-Dioxane	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	Bromochloromethane	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	Bromoform	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	Carbon Tetrachloride	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	cis-1,2-Dichloroethene	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX048052.D	Isopropyl Acetate	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	Methacrylonitrile	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	Methyl Iodide	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICC005	VX048052.D	t-1,4-Dichloro-2-butene	JOHN	10/8/2025 8:09:22 AM	MMdadoda	10/9/2025 4:41:54 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Bromochloromethane	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Bromoform	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Carbon Tetrachloride	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Dibromochloromethane	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Hexachloroethane	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICCC020	VX048053.D	Methyl Iodide	JOHN	10/8/2025 8:09:28 AM	MMdadoda	10/9/2025 4:41:59 AM	Peak Integrated by Software
VSTDICC050	VX048054.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:09:53 AM	MMdadoda	10/9/2025 4:42:03 AM	Peak Integrated by Software
VSTDICC050	VX048054.D	Bromochloromethane	JOHN	10/8/2025 8:09:53 AM	MMdadoda	10/9/2025 4:42:03 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC050	VX048054.D	Bromoform	JOHN	10/8/2025 8:09:53 AM	MMdadoda	10/9/2025 4:42:03 AM	Peak Integrated by Software
VSTDICC050	VX048054.D	Carbon Tetrachloride	JOHN	10/8/2025 8:09:53 AM	MMdadoda	10/9/2025 4:42:03 AM	Peak Integrated by Software
VSTDICC050	VX048054.D	Methyl Iodide	JOHN	10/8/2025 8:09:53 AM	MMdadoda	10/9/2025 4:42:03 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	Bromochloromethane	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	Bromomethane	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	Carbon Tetrachloride	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	Methyl Iodide	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC100	VX048055.D	tert-Butyl Alcohol	JOHN	10/8/2025 8:10:02 AM	MMdadoda	10/9/2025 4:42:07 AM	Peak Integrated by Software
VSTDICC150	VX048056.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software
VSTDICC150	VX048056.D	Bromochloromethane	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software
VSTDICC150	VX048056.D	Bromoform	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software
VSTDICC150	VX048056.D	Carbon Tetrachloride	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC150	VX048056.D	Dibromomethane	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software
VSTDICC150	VX048056.D	Methyl Iodide	JOHN	10/8/2025 8:10:10 AM	MMdadoda	10/9/2025 4:42:14 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	1,2,3-Trichloropropane	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	1,2-Dichloroethane	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	Bromochloromethane	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	Carbon Tetrachloride	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	Dibromochloromethane	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software
VSTDICV020	VX048058.D	Methyl Iodide	JOHN	10/8/2025 8:10:15 AM	MMdadoda	10/9/2025 4:42:23 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100725

Review By	John Carlone	Review On	10/8/2025 8:20:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/9/2025 4:42:39 AM		
SubDirectory	VX100725	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135755,VP135774
Initial Calibration Stds	
CCC	VP135757,VP135759
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048035.D	07 Oct 2025 08:07	JC/MD	Ok
2	VSTDCCC050	VX048036.D	07 Oct 2025 08:44	JC/MD	Ok,M
3	VX1007MBL01	VX048037.D	07 Oct 2025 09:13	JC/MD	Ok
4	VX1007WBL01	VX048038.D	07 Oct 2025 09:34	JC/MD	Ok
5	VX1007WBS01	VX048039.D	07 Oct 2025 10:06	JC/MD	Ok,M
6	VX1007WBSD01	VX048040.D	07 Oct 2025 10:34	JC/MD	Ok,M
7	Q3278-01	VX048041.D	07 Oct 2025 10:55	JC/MD	Not Ok
8	IBLK	VX048042.D	07 Oct 2025 11:16	JC/MD	Ok
9	Q3278-01	VX048043.D	07 Oct 2025 11:38	JC/MD	Ok,M
10	IBLK	VX048044.D	07 Oct 2025 11:59	JC/MD	Ok
11	Q3298-03	VX048045.D	07 Oct 2025 12:20	JC/MD	Ok
12	Q3298-02	VX048046.D	07 Oct 2025 12:41	JC/MD	ReRun
13	Q3298-01	VX048047.D	07 Oct 2025 13:02	JC/MD	Ok
14	Q3298-04	VX048048.D	07 Oct 2025 13:23	JC/MD	Ok
15	Q3298-05	VX048049.D	07 Oct 2025 13:45	JC/MD	Ok
16	VSTDCCC050	VX048050.D	07 Oct 2025 14:06	JC/MD	Ok,M
17	BFB	VX048051.D	07 Oct 2025 16:19	JC/MD	Ok
18	VSTDICC005	VX048052.D	07 Oct 2025 17:01	JC/MD	Ok,M
19	VSTDICCC020	VX048053.D	07 Oct 2025 17:22	JC/MD	Ok,M
20	VSTDICC050	VX048054.D	07 Oct 2025 17:43	JC/MD	Ok,M
21	VSTDICC100	VX048055.D	07 Oct 2025 18:03	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100725

Review By	John Carlone	Review On	10/8/2025 8:20:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/9/2025 4:42:39 AM		
SubDirectory	VX100725	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135755,VP135774
Initial Calibration Stds	
CCC	VP135757,VP135759
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDICC150	VX048056.D	07 Oct 2025 18:24	JC/MD	Ok,M
23	IBLK	VX048057.D	07 Oct 2025 18:45	JC/MD	Ok,M
24	VSTDICV020	VX048058.D	07 Oct 2025 19:27	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100725

Review By	John Carlone	Review On	10/8/2025 8:20:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/9/2025 4:42:39 AM		
SubDirectory	VX100725	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135755,VP135774
Initial Calibration Stds	
CCC	VP135757,VP135759
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	VX048035.D	07 Oct 2025 08:07		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048036.D	07 Oct 2025 08:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX1007MBL01	VX1007MBL01	VX048037.D	07 Oct 2025 09:13		JC/MD	Ok
4	VX1007WBL01	VX1007WBL01	VX048038.D	07 Oct 2025 09:34		JC/MD	Ok
5	VX1007WBS01	VX1007WBS01	VX048039.D	07 Oct 2025 10:06		JC/MD	Ok,M
6	VX1007WBSD01	VX1007WBSD01	VX048040.D	07 Oct 2025 10:34		JC/MD	Ok,M
7	Q3278-01	MW10	VX048041.D	07 Oct 2025 10:55	Need Straight Run	JC/MD	Not Ok
8	IBLK	IBLK	VX048042.D	07 Oct 2025 11:16		JC/MD	Ok
9	Q3278-01	MW10	VX048043.D	07 Oct 2025 11:38	vial A pH<2	JC/MD	Ok,M
10	IBLK	IBLK	VX048044.D	07 Oct 2025 11:59		JC/MD	Ok
11	Q3298-03	VPB184-HYD-2025100	VX048045.D	07 Oct 2025 12:20	vial A pH<2	JC/MD	Ok
12	Q3298-02	BP-VPB-EB-20251003	VX048046.D	07 Oct 2025 12:41	vial A pH<2 EB,Hit of com.#16	JC/MD	ReRun
13	Q3298-01	BP-VPB-TB-20251003	VX048047.D	07 Oct 2025 13:02	vial A pH<2 TB	JC/MD	Ok
14	Q3298-04	BP-VPB-GW-720-722	VX048048.D	07 Oct 2025 13:23	vial A pH<2	JC/MD	Ok
15	Q3298-05	BP-VPB-GW-740-742	VX048049.D	07 Oct 2025 13:45	vial A+B pH<2	JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX048050.D	07 Oct 2025 14:06		JC/MD	Ok,M
17	BFB	BFB	VX048051.D	07 Oct 2025 16:19		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100725

Review By	John Carlone	Review On	10/8/2025 8:20:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/9/2025 4:42:39 AM		
SubDirectory	VX100725	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135755,VP135774
Initial Calibration Stds	
CCC	VP135757,VP135759
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDICC005	VSTDICC005	VX048052.D	07 Oct 2025 17:01	Com.#56,90 peak not detected in 5PPB	JC/MD	Ok,M
19	VSTDICCC020	VSTDICCC020	VX048053.D	07 Oct 2025 17:22	Method failed for com.#56,90	JC/MD	Ok,M
20	VSTDICC050	VSTDICC050	VX048054.D	07 Oct 2025 17:43		JC/MD	Ok,M
21	VSTDICC100	VSTDICC100	VX048055.D	07 Oct 2025 18:03		JC/MD	Ok,M
22	VSTDICC150	VSTDICC150	VX048056.D	07 Oct 2025 18:24		JC/MD	Ok,M
23	IBLK	IBLK	VX048057.D	07 Oct 2025 18:45		JC/MD	Ok,M
24	VSTDICV020	ICVVX100725	VX048058.D	07 Oct 2025 19:27	ICV failed for com.#56	JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3278
COC Number 2047917

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G ENVIRONMENTAL
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP:
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) STANDARD DAYS*
HARDCOPY (DATA PACKAGE): 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 ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) NJDEP HazSite Other pdf
X EDD FORMAT excel

ANALYSIS

1: TCL VOCs 2: Nitrate 3: Sulfate 4: For MNA 5: 6: 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 (HCl)	3	4	5 (HNO3)	6	7	8	9	COMMENTS
1.	MW10	GW		X	10/2/25	1135	4		X	X	X	X					
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/2/25 1540	1.
2.		2.
3.		3.

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

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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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 : Q3278 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 10/2/2025 3:52:00 PM
Project Name : DPW
Receive DateTime : 10/2/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
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
Q3278-01	MW10	Water	10/02/2025	11:35					
					VOCMS Group2		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 10/2/25 1620

Received By : Sam
Date / Time : 10/03/25 8:10 RJH 4

Storage Area : VOA Refridgerator Room