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:	Q2744	**OrderDate:**	8/1/2025 9:07:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	B61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2744-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**07/25/25**			**08/01/25**
			VOC- Chemtech Full	8260-Low			08/01/25	
Q2744-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**07/25/25**			**08/01/25**
			VOC- Chemtech Full	8260-Low			08/01/25	
Q2744-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**07/25/25**			**08/01/25**
			VOC- Chemtech Full	8260-Low			08/04/25	
Q2744-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**07/25/25**			**08/01/25**
			VOC- Chemtech Full	8260-Low			08/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2744

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q2744

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2744-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	46.7	93		86	113
		4-Bromofluorobenzene	50	50.8	102		77	121
Q2744-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	59.4	119		74	125
		Dibromofluoromethane	50	58.9	118		75	124
		Toluene-d8	50	54.8	110		86	113
		4-Bromofluorobenzene	50	60.1	120		77	121
Q2744-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	53.8	108		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	54.9	110		86	113
		4-Bromofluorobenzene	50	52.7	105		77	121
Q2744-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	53.7	107		74	125
		Dibromofluoromethane	50	54.0	108		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	53.9	108		77	121
VX0801WBL01	VX0801WBL01	1,2-Dichloroethane-d4	50	50.2	100		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	47.2	94		86	113
		4-Bromofluorobenzene	50	51.0	102		77	121
VX0801WBS01	VX0801WBS01	1,2-Dichloroethane-d4	50	53.2	106		74	125
		Dibromofluoromethane	50	54.7	109		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	54.9	110		77	121
VX0804WBL01	VX0804WBL01	1,2-Dichloroethane-d4	50	54.9	110		74	125
		Dibromofluoromethane	50	49.7	99		75	124
		Toluene-d8	50	54.5	109		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
VX0804WBS01	VX0804WBS01	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	59.9	120		75	124
		Toluene-d8	50	55.3	111		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
VX0804WBSD0	VX0804WBSD01	1,2-Dichloroethane-d4	50	48.7	97		74	125
		Dibromofluoromethane	50	49.2	98		75	124
		Toluene-d8	50	45.9	92		86	113
		4-Bromofluorobenzene	50	48.6	97		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2744 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047205.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0801WBS01	Dichlorodifluoromethane	20	17.7	ug/L	89			69	116	
	Chloromethane	20	15.9	ug/L	79			65	116	
	Vinyl chloride	20	18.1	ug/L	91			65	117	
	Ethyl Acetate	20	17.0	ug/L	85			75	115	
	Bromomethane	20	17.3	ug/L	86			58	125	
	Chloroethane	20	17.1	ug/L	86			56	128	
	Trichlorofluoromethane	20	18.2	ug/L	91			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94			80	112	
	Tert butyl alcohol	100	69.4	ug/L	69			48	142	
	1,1-Dichloroethene	20	17.5	ug/L	88			74	110	
	Acrolein	100	81.9	ug/L	82			28	144	
	Acrylonitrile	100	87.3	ug/L	87			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	15.8	ug/L	79			64	112	
	Methyl tert-butyl Ether	20	18.3	ug/L	92			78	114	
	Methyl Acetate	20	21.3	ug/L	106			67	125	
	Methylene Chloride	20	18.2	ug/L	91			72	114	
	trans-1,2-Dichloroethene	20	17.5	ug/L	88			75	108	
	Vinyl Acetate	100	90.4	ug/L	90			76	115	
	1,1-Dichloroethane	20	18.6	ug/L	93			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	88.4	ug/L	88			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	2,2-Dichloropropane	20	19.2	ug/L	96			56	164	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			77	110	
	Bromochloromethane	20	17.6	ug/L	88			70	124	
	Chloroform	20	19.0	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			80	108	
	Methylcyclohexane	20	17.7	ug/L	89			72	115	
	1,1-Dichloropropene	20	17.7	ug/L	89			79	110	
	Benzene	20	18.4	ug/L	92			82	109	
	1,2-Dichloroethane	20	19.0	ug/L	95			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	1,2-Dichloropropane	20	18.5	ug/L	93			83	111	
	Dibromomethane	20	19.0	ug/L	95			82	110	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	87.8	ug/L	88			74	118	
	Toluene	20	18.5	ug/L	93			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			82	110	
	1,1,2-Trichloroethane	20	18.6	ug/L	93			83	112	
	1,3-Dichloropropane	20	18.5	ug/L	93			83	111	
	2-Chloroethyl vinyl ether	100	70.1	ug/L	70		*	75	124	
	2-Hexanone	100	92.0	ug/L	92			73	117	
	Dibromochloromethane	20	18.8	ug/L	94			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.4	ug/L	92			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2744**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047205.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0801WBS01	1,1,1,2-Tetrachloroethane	20	19.1	ug/L	96			84	111	
	Hexachloroethane	20	18.7	ug/L	94			80	113	
	Ethyl Benzene	20	19.1	ug/L	96			83	109	
	m/p-Xylenes	40	38.0	ug/L	95			82	110	
	o-Xylene	20	19.4	ug/L	97			83	109	
	Styrene	20	19.4	ug/L	97			80	111	
	Bromoform	20	18.8	ug/L	94			79	109	
	Isopropylbenzene	20	19.2	ug/L	96			83	112	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			76	118	
	1,2,3-Trichloropropane	20	17.6	ug/L	88			75	112	
	Bromobenzene	20	19.0	ug/L	95			77	116	
	N-propylbenzene	20	19.0	ug/L	95			83	112	
	2-Chlorotoluene	20	18.8	ug/L	94			83	110	
	1,3,5-Trimethylbenzene	20	18.9	ug/L	95			85	112	
	4-Chlorotoluene	20	19.0	ug/L	95			82	110	
	tert-Butylbenzene	20	19.3	ug/L	97			83	112	
	1,2,4-Trimethylbenzene	20	19.2	ug/L	96			85	111	
	Sec-butylbenzene	20	19.8	ug/L	99			81	114	
	p-Isopropyltoluene	20	19.6	ug/L	98			78	116	
	1,3-Dichlorobenzene	20	19.2	ug/L	96			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	n-Butylbenzene	20	19.9	ug/L	100			75	115	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			82	109	
	1,2-Dibromo-3-Chloropropane	20	17.4	ug/L	87			68	112	
	1,2,4-Trichlorobenzene	20	19.4	ug/L	97			75	113	
	Hexachlorobutadiene	20	22.3	ug/L	112			81	121	
	Naphthalene	20	18.7	ug/L	94			78	119	
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2744**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047219.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0804WBS01	Dichlorodifluoromethane	20	18.9	ug/L	95			69	116	
	Chloromethane	20	16.7	ug/L	84			65	116	
	Vinyl chloride	20	19.2	ug/L	96			65	117	
	Ethyl Acetate	20	17.6	ug/L	88			75	115	
	Bromomethane	20	18.0	ug/L	90			58	125	
	Chloroethane	20	17.7	ug/L	89			56	128	
	Trichlorofluoromethane	20	19.7	ug/L	99			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100			80	112	
	Tert butyl alcohol	100	73.0	ug/L	73			48	142	
	1,1-Dichloroethene	20	19.0	ug/L	95			74	110	
	Acrolein	100	69.4	ug/L	69			28	144	
	Acrylonitrile	100	93.1	ug/L	93			73	113	
	Acetone	100	95.9	ug/L	96			60	125	
	Carbon disulfide	20	16.7	ug/L	84			64	112	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			78	114	
	Methyl Acetate	20	22.9	ug/L	115			67	125	
	Methylene Chloride	20	19.2	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			75	108	
	Vinyl Acetate	100	93.7	ug/L	94			76	115	
	1,1-Dichloroethane	20	19.7	ug/L	99			78	112	
	Cyclohexane	20	18.6	ug/L	93			75	110	
	2-Butanone	100	90.2	ug/L	90			65	122	
	Carbon Tetrachloride	20	20.0	ug/L	100			77	113	
	2,2-Dichloropropane	20	19.9	ug/L	100			56	164	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	21.9	ug/L	110			70	124	
	Chloroform	20	20.1	ug/L	101			79	113	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			80	108	
	Methylcyclohexane	20	18.6	ug/L	93			72	115	
	1,1-Dichloropropene	20	19.1	ug/L	96			79	110	
	Benzene	20	20.0	ug/L	100			82	109	
	1,2-Dichloroethane	20	20.7	ug/L	104			80	115	
	Trichloroethene	20	19.2	ug/L	96			77	113	
	1,2-Dichloropropane	20	20.3	ug/L	102			83	111	
	Dibromomethane	20	20.9	ug/L	104			82	110	
	Bromodichloromethane	20	20.9	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	94.2	ug/L	94			74	118	
	Toluene	20	20.2	ug/L	101			82	110	
	t-1,3-Dichloropropene	20	19.5	ug/L	98			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			83	112	
	1,3-Dichloropropane	20	20.3	ug/L	102			83	111	
	2-Chloroethyl vinyl ether	100	92.0	ug/L	92			75	124	
	2-Hexanone	100	95.1	ug/L	95			73	117	
	Dibromochloromethane	20	21.2	ug/L	106			82	110	
	1,2-Dibromoethane	20	19.7	ug/L	99			81	110	
	Tetrachloroethene	20	19.3	ug/L	97			67	123	
	Chlorobenzene	20	20.4	ug/L	102			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2744 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047219.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0804WBS01	1,1,1,2-Tetrachloroethane	20	21.0	ug/L	105			84	111	
	Hexachloroethane	20	20.6	ug/L	103			80	113	
	Ethyl Benzene	20	20.3	ug/L	102			83	109	
	m/p-Xylenes	40	40.1	ug/L	100			82	110	
	o-Xylene	20	20.4	ug/L	102			83	109	
	Styrene	20	20.6	ug/L	103			80	111	
	Bromoform	20	20.3	ug/L	102			79	109	
	Isopropylbenzene	20	20.1	ug/L	101			83	112	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	18.9	ug/L	95			75	112	
	Bromobenzene	20	20.2	ug/L	101			77	116	
	N-propylbenzene	20	20.3	ug/L	102			83	112	
	2-Chlorotoluene	20	20.3	ug/L	102			83	110	
	1,3,5-Trimethylbenzene	20	20.5	ug/L	103			85	112	
	4-Chlorotoluene	20	20.3	ug/L	102			82	110	
	tert-Butylbenzene	20	20.4	ug/L	102			83	112	
	1,2,4-Trimethylbenzene	20	20.7	ug/L	104			85	111	
	Sec-butylbenzene	20	20.7	ug/L	104			81	114	
	p-Isopropyltoluene	20	20.5	ug/L	103			78	116	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			82	108	
	1,4-Dichlorobenzene	20	20.4	ug/L	102			82	107	
	n-Butylbenzene	20	20.5	ug/L	103			75	115	
	1,2-Dichlorobenzene	20	20.2	ug/L	101			82	109	
	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100			68	112	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			75	113	
	Hexachlorobutadiene	20	22.3	ug/L	112			81	121	
	Naphthalene	20	19.4	ug/L	97			78	119	
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2744 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047222.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0804WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	4		69	116	19
	Chloromethane	20	17.3	ug/L	86	2		65	116	21
	Vinyl chloride	20	20.6	ug/L	103	7		65	117	19
	Ethyl Acetate	20	17.9	ug/L	90	2		75	115	27
	Bromomethane	20	18.7	ug/L	94	4		58	125	20
	Chloroethane	20	18.7	ug/L	94	5		56	128	20
	Trichlorofluoromethane	20	21.3	ug/L	106	7		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/L	104	4		80	112	15
	Tert butyl alcohol	100	70.9	ug/L	71	3		48	142	30
	1,1-Dichloroethene	20	20.0	ug/L	100	5		74	110	20
	Acrolein	100	72.2	ug/L	72	4		28	144	30
	Acrylonitrile	100	96.3	ug/L	96	3		73	113	29
	Acetone	100	98.7	ug/L	99	3		60	125	20
	Carbon disulfide	20	17.5	ug/L	88	5		64	112	20
	Methyl tert-butyl Ether	20	20.7	ug/L	104	6		78	114	20
	Methyl Acetate	20	23.5	ug/L	117	2		67	125	20
	Methylene Chloride	20	20.4	ug/L	102	6		72	114	20
	trans-1,2-Dichloroethene	20	20.6	ug/L	103	7		75	108	16
	Vinyl Acetate	100	99.5	ug/L	100	6		76	115	26
	1,1-Dichloroethane	20	21.2	ug/L	106	7		78	112	20
	Cyclohexane	20	19.3	ug/L	97	4		75	110	20
	2-Butanone	100	92.6	ug/L	93	3		65	122	26
	Carbon Tetrachloride	20	20.0	ug/L	100	0		77	113	15
	2,2-Dichloropropane	20	20.9	ug/L	104	4		56	164	20
	cis-1,2-Dichloroethene	20	20.5	ug/L	103	2		77	110	20
	Bromochloromethane	20	21.3	ug/L	106	4		70	124	20
	Chloroform	20	21.4	ug/L	107	6		79	113	20
	1,1,1-Trichloroethane	20	21.4	ug/L	107	7		80	108	20
	Methylcyclohexane	20	19.7	ug/L	99	6		72	115	20
	1,1-Dichloropropene	20	19.9	ug/L	100	4		79	110	16
	Benzene	20	20.5	ug/L	103	3		82	109	15
	1,2-Dichloroethane	20	21.4	ug/L	107	3		80	115	20
	Trichloroethene	20	20.1	ug/L	101	5		77	113	15
	1,2-Dichloropropane	20	21.0	ug/L	105	3		83	111	16
	Dibromomethane	20	21.2	ug/L	106	2		82	110	20
	Bromodichloromethane	20	21.3	ug/L	106	2		83	110	16
	4-Methyl-2-Pentanone	100	96.2	ug/L	96	2		74	118	25
	Toluene	20	21.1	ug/L	106	5		82	110	16
	t-1,3-Dichloropropene	20	20.6	ug/L	103	5		79	110	20
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	3		82	110	16
	1,1,2-Trichloroethane	20	21.3	ug/L	106	4		83	112	20
	1,3-Dichloropropane	20	21.0	ug/L	105	3		83	111	20
	2-Chloroethyl vinyl ether	100	87.5	ug/L	88	4		75	124	20
	2-Hexanone	100	98.3	ug/L	98	3		73	117	25
	Dibromochloromethane	20	21.8	ug/L	109	3		82	110	20
	1,2-Dibromoethane	20	20.1	ug/L	101	2		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	2		67	123	15
	Chlorobenzene	20	20.8	ug/L	104	2		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2744 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047222.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0804WBSD01	1,1,1,2-Tetrachloroethane	20	21.0	ug/L	105	0		84	111	20
	Hexachloroethane	20	20.9	ug/L	104	1		80	113	20
	Ethyl Benzene	20	20.7	ug/L	104	2		83	109	16
	m/p-Xylenes	40	41.4	ug/L	104	4		82	110	15
	o-Xylene	20	20.7	ug/L	104	2		83	109	20
	Styrene	20	21.1	ug/L	106	3		80	111	17
	Bromoform	20	20.3	ug/L	102	0		79	109	20
	Isopropylbenzene	20	20.8	ug/L	104	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101	2		76	118	20
	1,2,3-Trichloropropane	20	19.4	ug/L	97	2		75	112	20
	Bromobenzene	20	20.6	ug/L	103	2		77	116	20
	N-propylbenzene	20	20.4	ug/L	102	0		83	112	20
	2-Chlorotoluene	20	20.6	ug/L	103	1		83	110	20
	1,3,5-Trimethylbenzene	20	20.7	ug/L	104	1		85	112	20
	4-Chlorotoluene	20	20.9	ug/L	104	2		82	110	20
	tert-Butylbenzene	20	20.7	ug/L	104	2		83	112	20
	1,2,4-Trimethylbenzene	20	20.9	ug/L	104	0		85	111	20
	Sec-butylbenzene	20	20.9	ug/L	104	0		81	114	20
	p-Isopropyltoluene	20	20.8	ug/L	104	1		78	116	20
	1,3-Dichlorobenzene	20	20.7	ug/L	104	3		82	108	20
	1,4-Dichlorobenzene	20	20.5	ug/L	103	1		82	107	15
	n-Butylbenzene	20	20.8	ug/L	104	1		75	115	20
	1,2-Dichlorobenzene	20	20.8	ug/L	104	3		82	109	20
	1,2-Dibromo-3-Chloropropane	20	18.7	ug/L	94	6		68	112	20
	1,2,4-Trichlorobenzene	20	21.0	ug/L	105	4		75	113	29
	Hexachlorobutadiene	20	21.5	ug/L	108	4		81	121	20
	Naphthalene	20	19.9	ug/L	100	3		78	119	20
	1,2,3-Trichlorobenzene	20	20.4	ug/L	102	0		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0801WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047204.D Lab Sample ID: VX0801WBL01

Date Analyzed: 08/01/2025 Time Analyzed: 13:07

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
VX0801WBS01	VX0801WBS01	VX047205.D	08/01/2025
STORAGE-BLANK-SOIL-REF-6	Q2744-01	VX047208.D	08/01/2025
STORAGE-BLANK-WATER-REF-5	Q2744-02	VX047209.D	08/01/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2744-04	VX047211.D	08/01/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0804WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047218.D Lab Sample ID: VX0804WBL01

Date Analyzed: 08/04/2025 Time Analyzed: 10:37

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
VX0804WBS01	VX0804WBS01	VX047219.D	08/04/2025
STORAGE-BLANK-WATER-REF-4	Q2744-03	VX047221.D	08/04/2025
VX0804WBSD01	VX0804WBSD01	VX047222.D	08/04/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2744

Lab File ID: VX047054.D | BFB Injection Date: 07/21/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:53

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	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.5
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	69.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5 (7.2) 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	VX047055.D	07/21/2025	09:47
VSTDICC005	VSTDICC005	VX047056.D	07/21/2025	10:08
VSTDICC020	VSTDICC020	VX047057.D	07/21/2025	10:29
VSTDICCC050	VSTDICCC050	VX047058.D	07/21/2025	10:50
VSTDICC100	VSTDICC100	VX047059.D	07/21/2025	11:11
VSTDICC150	VSTDICC150	VX047060.D	07/21/2025	11:32

Raw Data: **VX047201.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q2744
Lab File ID: VX047201.D
BFB Injection Date: 08/01/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:10
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	19.2
75	30.0 - 60.0% of mass 95	51.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	72.6 (99) 1
177	5.0 - 9.0% of mass 176	4.7 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047202.D	08/01/2025	10:22
VX0801WBL01	VX0801WBL01	VX047204.D	08/01/2025	13:07
VX0801WBS01	VX0801WBS01	VX047205.D	08/01/2025	14:52
STORAGE-BLANK-SOIL-REF-6	Q2744-01	VX047208.D	08/01/2025	16:02
STORAGE-BLANK-WATER-REF-5	Q2744-02	VX047209.D	08/01/2025	16:23
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2744-04	VX047211.D	08/01/2025	17:04

Raw Data: **VX047215.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2744

Lab File ID: VX047215.D | BFB Injection Date: 08/04/2025

Instrument ID: MSVOA_X | BFB Injection Time: 09:12

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	20.2
75	30.0 - 60.0% of mass 95	53.5
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	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	72.9
175	5.0 - 9.0% of mass 174	5.7 (7.8) 1
176	95.0 - 101.0% of mass 174	70.7 (97.1) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 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	VX047216.D	08/04/2025	09:44
VX0804WBL01	VX0804WBL01	VX047218.D	08/04/2025	10:37
VX0804WBS01	VX0804WBS01	VX047219.D	08/04/2025	11:04
STORAGE-BLANK-WATER-REF-4	Q2744-03	VX047221.D	08/04/2025	11:53
VX0804WBSD01	VX0804WBSD01	VX047222.D	08/04/2025	12:21

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047202.D Date Analyzed: 08/01/2025

Instrument ID: MSVOA_X Time Analyzed: 10:22

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	249274	5.56	439479	6.76	396034	10.05
UPPER LIMIT	498548	6.056	878958	7.263	792068	10.549
LOWER LIMIT	124637	5.056	219740	6.263	198017	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	283674	5.56	488674	6.77	440161	10.06
STORAGE-BLANK-WATER-REF-5	262356	5.57	449740	6.77	402679	10.06
STORAGE-BLANK-SAMPLE-MANAGEMEN	289476	5.57	495196	6.77	453951	10.06
VX0801WBL01	289784	5.56	493740	6.76	446060	10.05
VX0801WBS01	260557	5.56	443908	6.76	390421	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047202.D Date Analyzed: 08/01/2025

Instrument ID: MSVOA_X Time Analyzed: 10:22

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

	IS4 AREA #	RT #				
12 HOUR STD	195271	12.018				
UPPER LIMIT	390542	12.518				
LOWER LIMIT	97635.5	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	222884	12.02				
STORAGE-BLANK-WATER-REF-5	207141	12.02				
STORAGE-BLANK-SAMPLE-MANAGEMR	225621	12.02				
VX0801WBL01	227682	12.02				
VX0801WBS01	195696	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047216.D Date Analyzed: 08/04/2025

Instrument ID: MSVOA_X Time Analyzed: 09:44

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	285086	5.56	469873	6.76	406977	10.05
UPPER LIMIT	570172	6.056	939746	7.263	813954	10.549
LOWER LIMIT	142543	5.056	234937	6.263	203489	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-WATER-REF-4	393235	5.56	730850	6.77	701677	10.06
VX0804WBL01	365562	5.56	684835	6.76	656222	10.05
VX0804WBS01	265860	5.56	439807	6.76	393052	10.05
VX0804WBSD01	262763	5.56	450706	6.76	405178	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2744

Lab File ID: VX047216.D Date Analyzed: 08/04/2025

Instrument ID: MSVOA_X Time Analyzed: 09:44

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

	IS4 AREA #	RT #				
12 HOUR STD	194547	12.018				
UPPER LIMIT	389094	12.518				
LOWER LIMIT	97273.5	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-WATER-REF-4	352532	12.02				
VX0804WBL01	335604	12.02				
VX0804WBS01	198417	12.02				
VX0804WBSD01	204485	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VX047208.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2744
Lab Sample ID:	Q2744-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047208.D	1	08/01/25 16:02	VX080125

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047208.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2744
Lab Sample ID:	Q2744-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047208.D	1	08/01/25 16:02	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	UQ	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047208.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2744
Lab Sample ID:	Q2744-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047208.D	1	08/01/25 16:02	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	49.3		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	46.7		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	284000	5.562			
540-36-3	1,4-Difluorobenzene	489000	6.769			
3114-55-4	Chlorobenzene-d5	440000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	223000	12.018			

Raw Data: **VX047208.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2744
Lab Sample ID:	Q2744-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047208.D	1	08/01/25 16:02	VX080125

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\VX080125\
Data File : VX047208.D
Acq On : 01 Aug 2025 16:02
Operator : JC/MD
Sample : Q2744-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 02 00:27:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

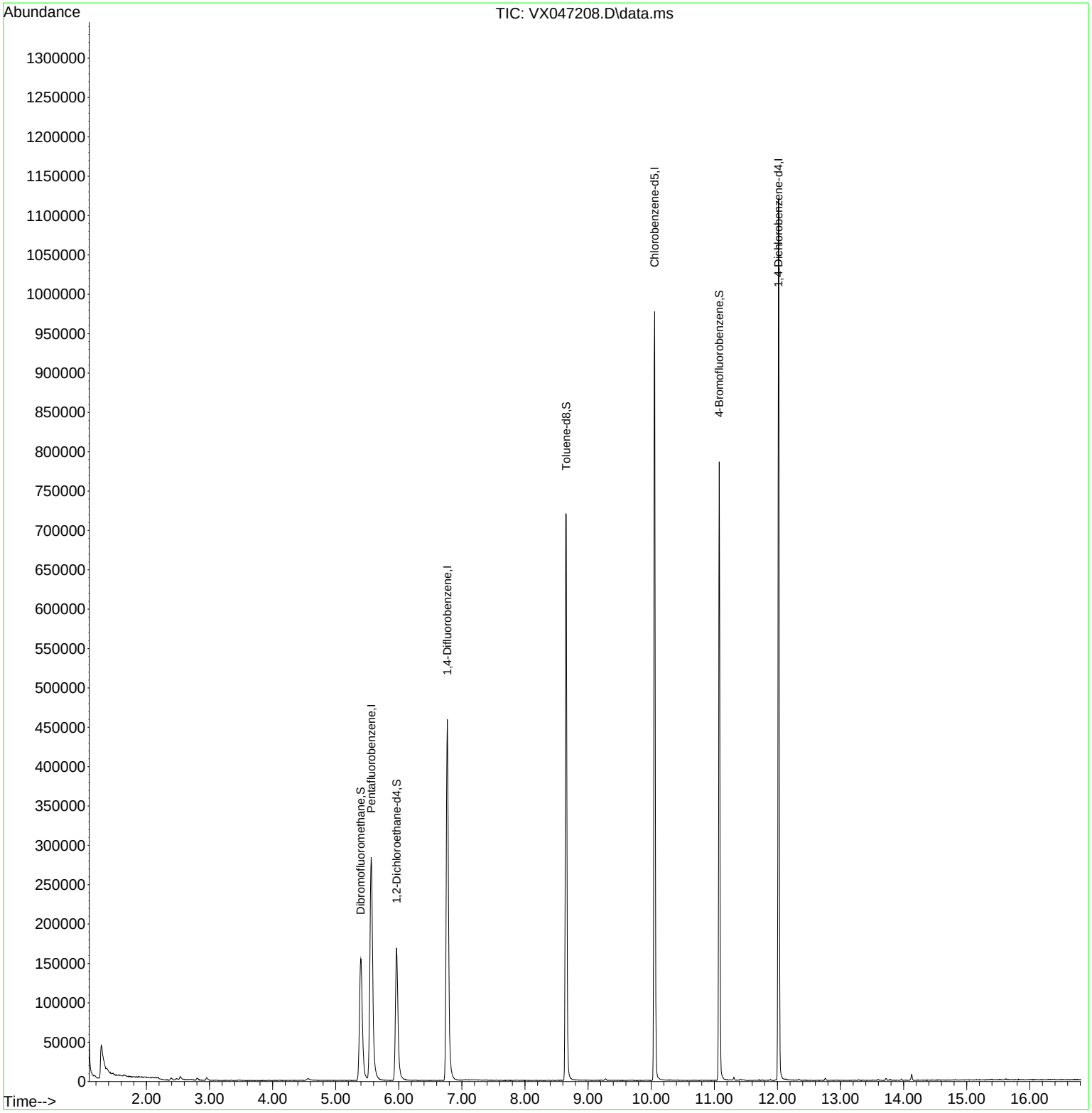
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	283674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	488674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	222884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	174167	49.288	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.580%			
35) Dibromofluoromethane	5.397	113	151680	50.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.540%			
50) Toluene-d8	8.653	98	456613	46.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.460%			
62) 4-Bromofluorobenzene	11.079	95	214091	50.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.680%			
Target Compounds						Qvalue

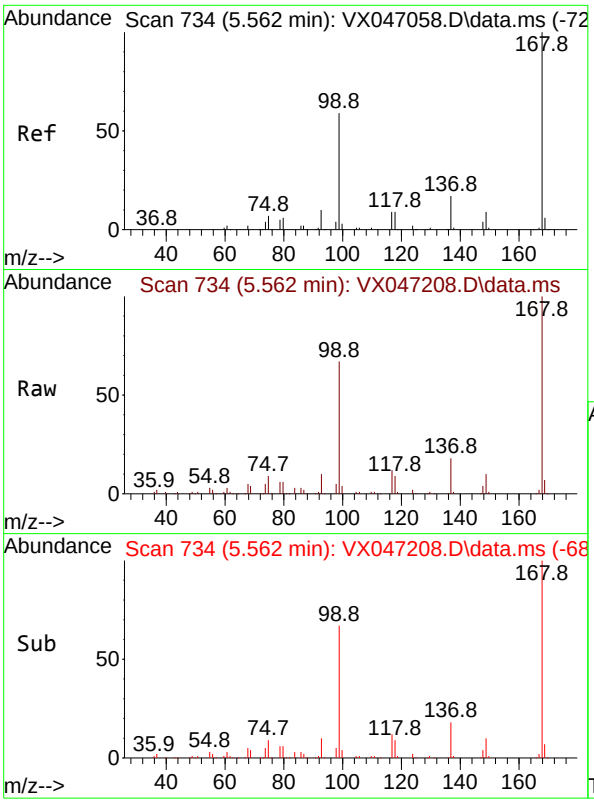
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047208.D
Acq On : 01 Aug 2025 16:02
Operator : JC/MD
Sample : Q2744-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 02 00:27:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



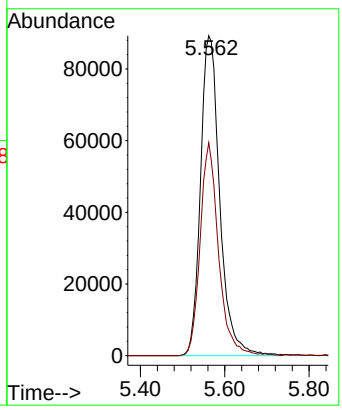


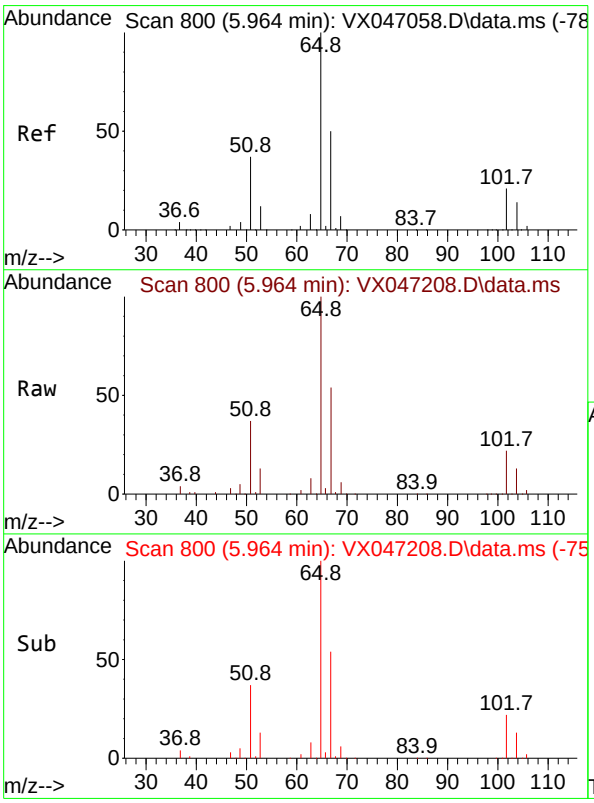
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 283674

Ion	Ratio	Lower	Upper
168	100		
99	66.6	48.0	72.0

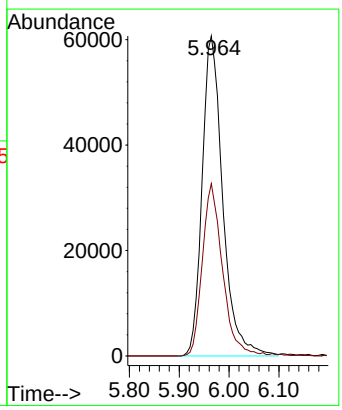


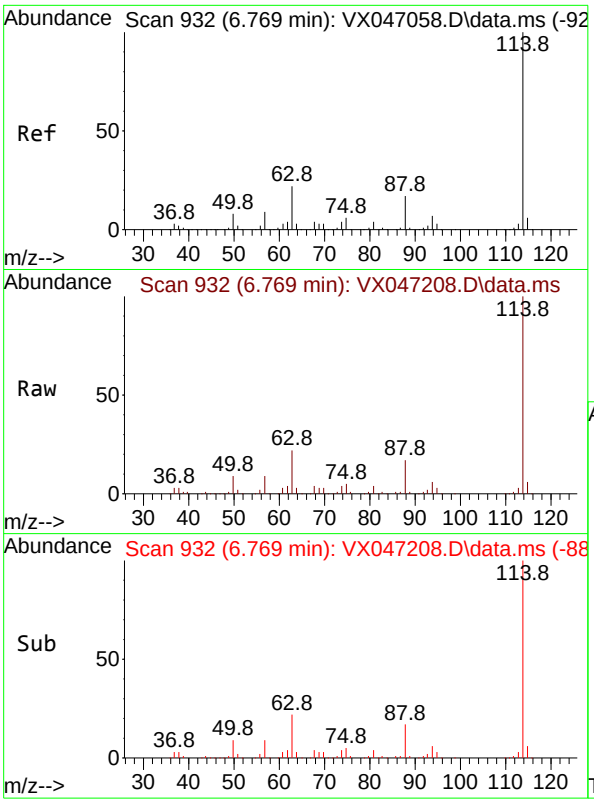


#33
1,2-Dichloroethane-d4
Concen: 49.288 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion: 65 Resp: 174167

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8



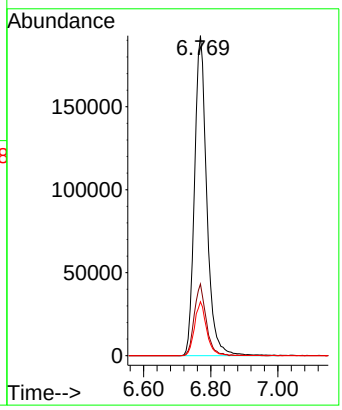


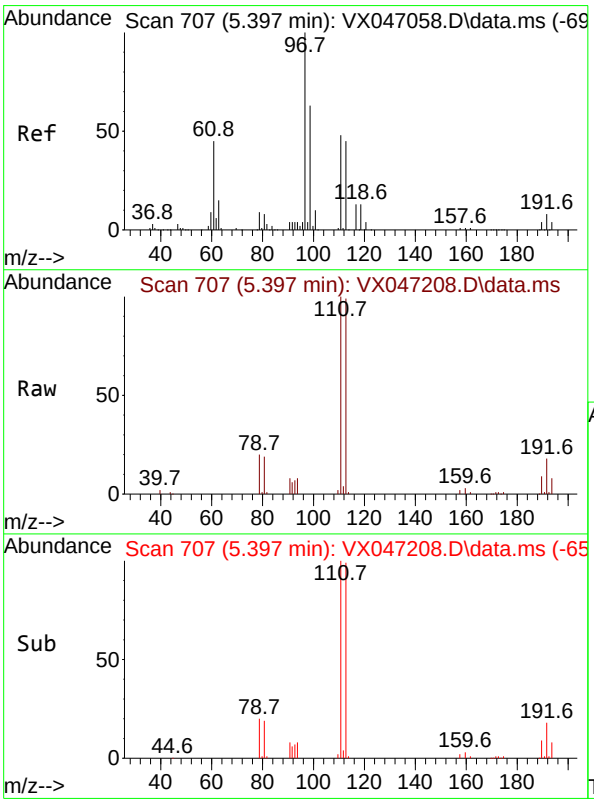
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 488674

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	16.8	0.0	33.8

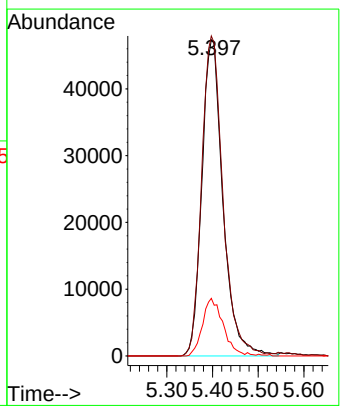


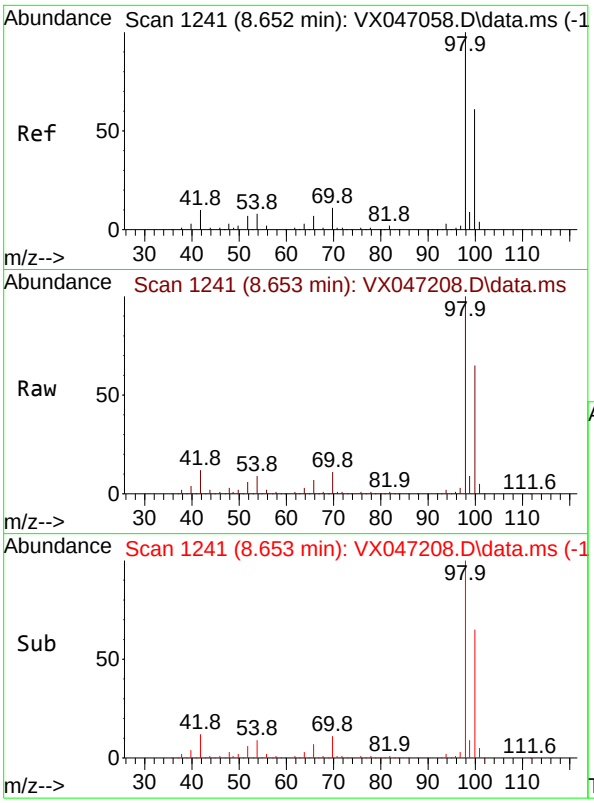


#35
Dibromofluoromethane
Concen: 50.271 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion:113 Resp: 151680

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	17.8	14.9	22.3



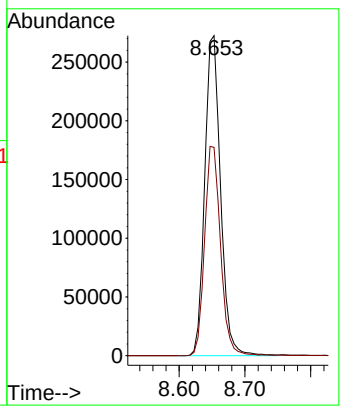


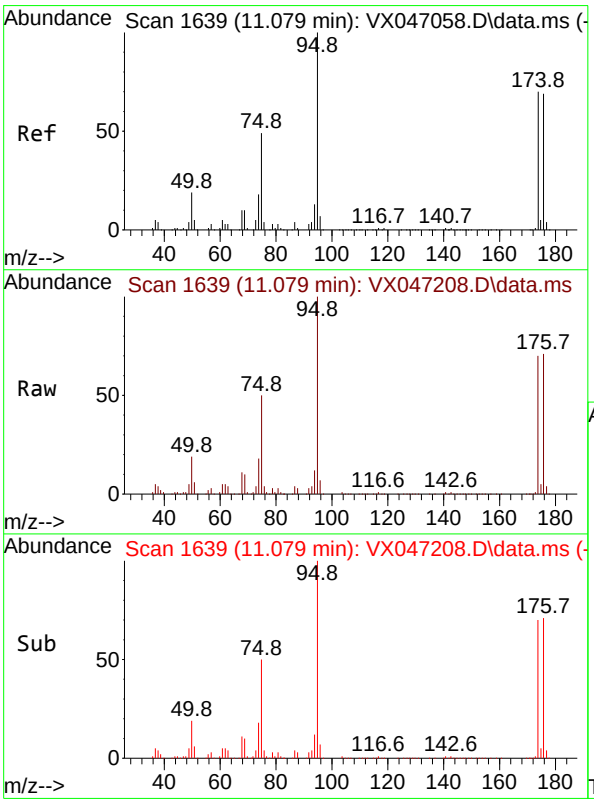
#50
Toluene-d8
Concen: 46.730 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 456613

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9

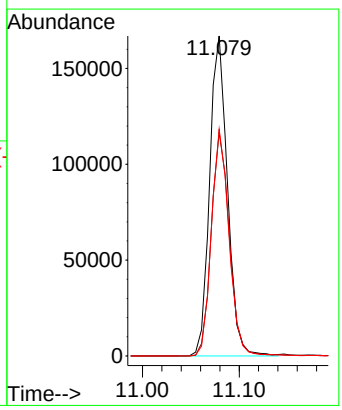


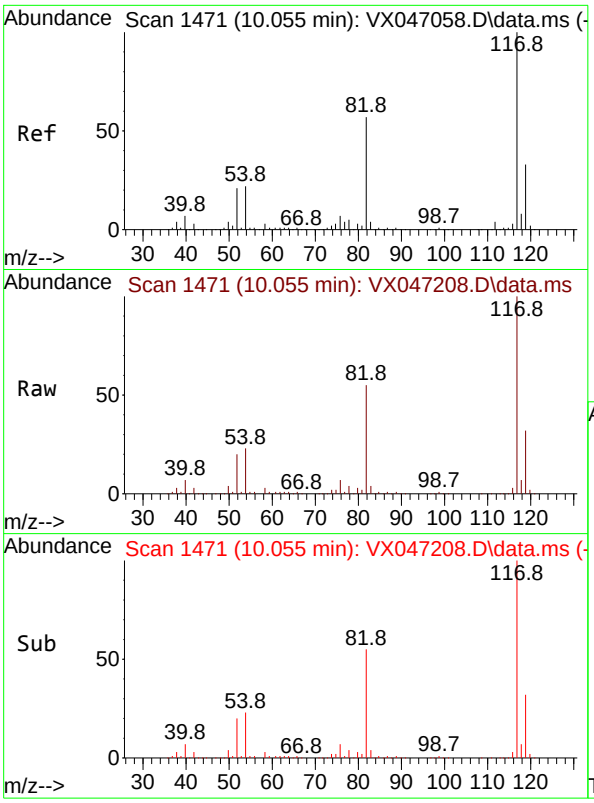


#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion: 95 Resp: 214091

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	144.6
176	70.3	0.0	139.6



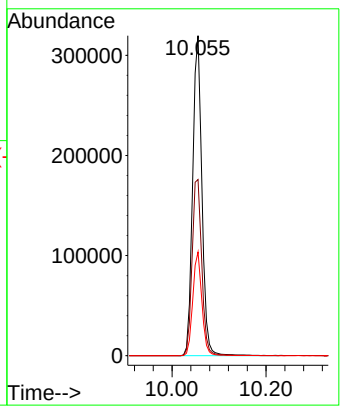


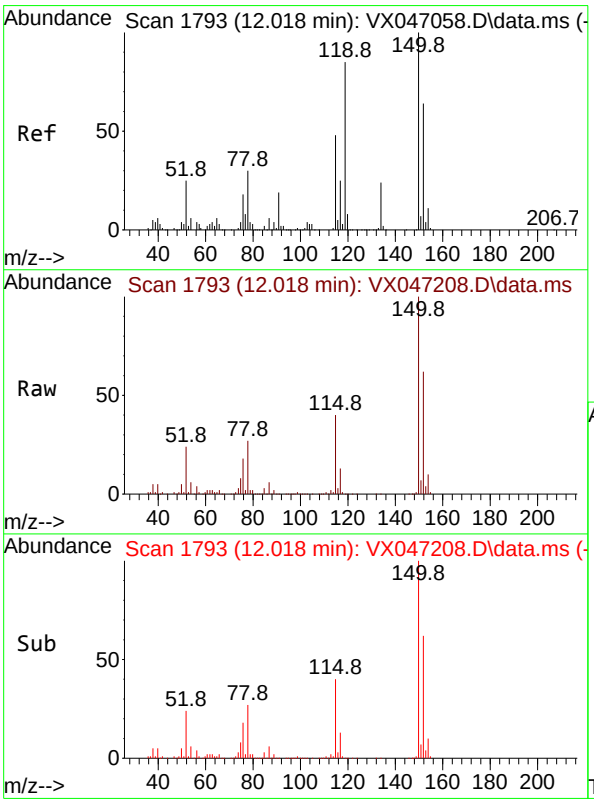
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 440161

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	32.4	26.1	39.1

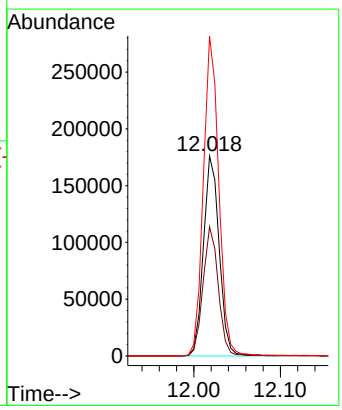




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion:152 Resp: 222884

Ion	Ratio	Lower	Upper
152	100		
115	62.8	45.6	136.7
150	156.8	0.0	354.6



Raw Data: **VX047209.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2744
Lab Sample ID:	Q2744-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047209.D	1	08/01/25 16:23	VX080125

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047209.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2744
Lab Sample ID:	Q2744-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047209.D	1	08/01/25 16:23	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	UQ	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047209.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2744
Lab Sample ID:	Q2744-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047209.D	1	08/01/25 16:23	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	59.4		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	54.8		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.1		77 - 121	120%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	262000	5.568			
540-36-3	1,4-Difluorobenzene	450000	6.769			
3114-55-4	Chlorobenzene-d5	403000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	207000	12.018			

Raw Data: **VX047209.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2744
Lab Sample ID:	Q2744-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047209.D	1	08/01/25 16:23	VX080125

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\VX080125\
Data File : VX047209.D
Acq On : 01 Aug 2025 16:23
Operator : JC/MD
Sample : Q2744-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 02 00:27:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	262356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	449740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	207141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	194027	59.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.740%#			
35) Dibromofluoromethane	5.397	113	163415	58.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.700%			
50) Toluene-d8	8.652	98	493171	54.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.680%			
62) 4-Bromofluorobenzene	11.079	95	232900	60.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.200%			

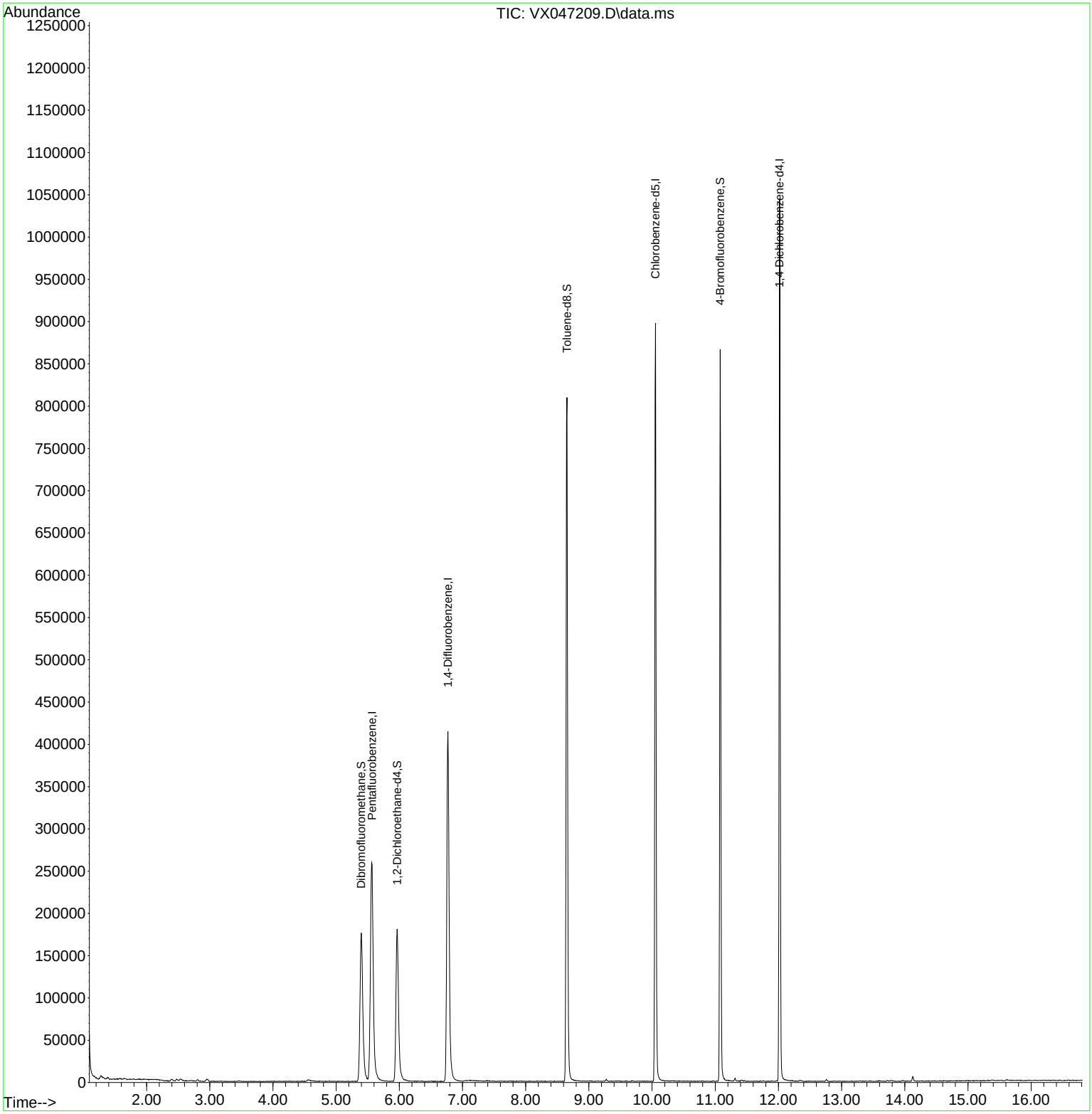
Target Compounds Qvalue

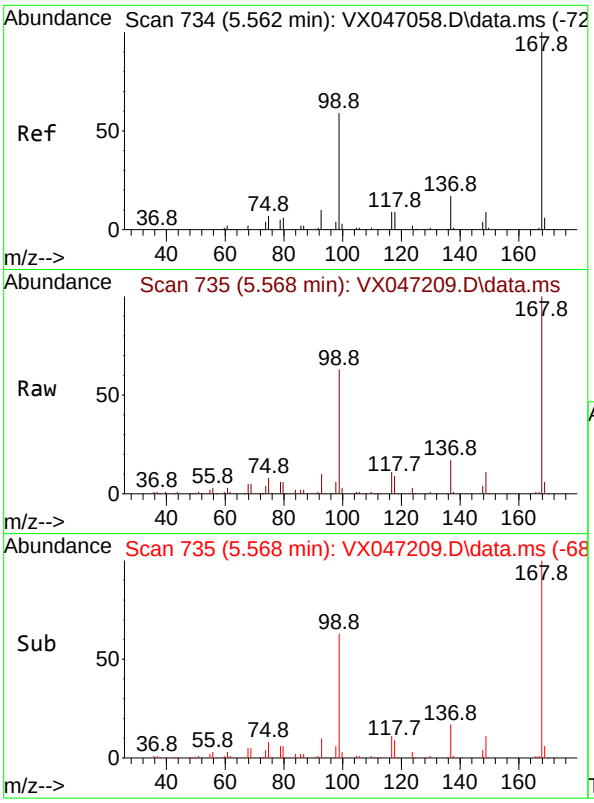
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047209.D
Acq On : 01 Aug 2025 16:23
Operator : JC/MD
Sample : Q2744-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 02 00:27:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



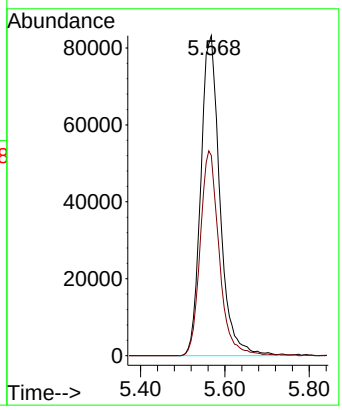


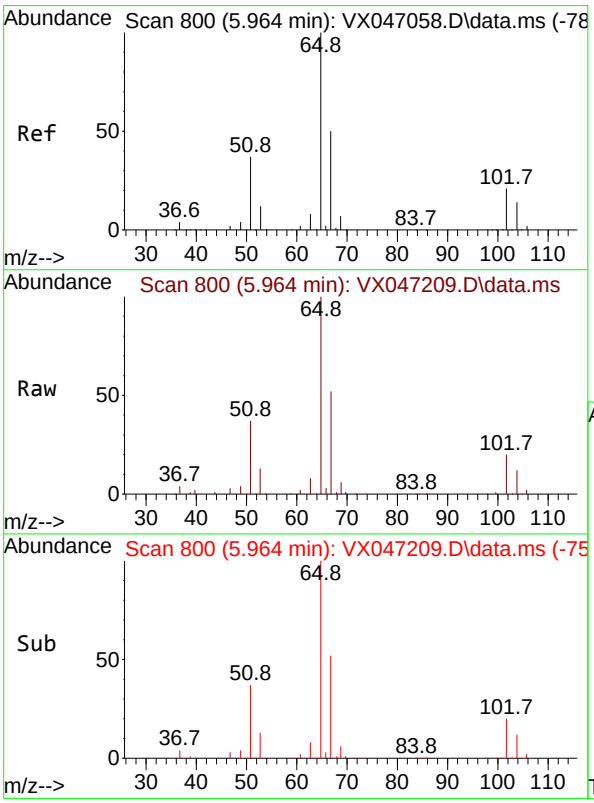
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 262356

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.0	72.0

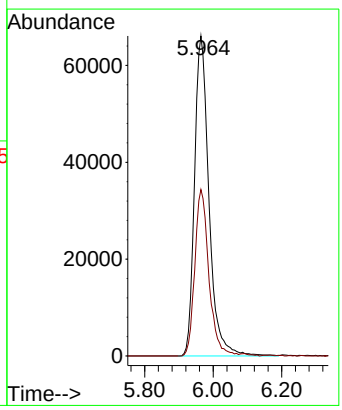


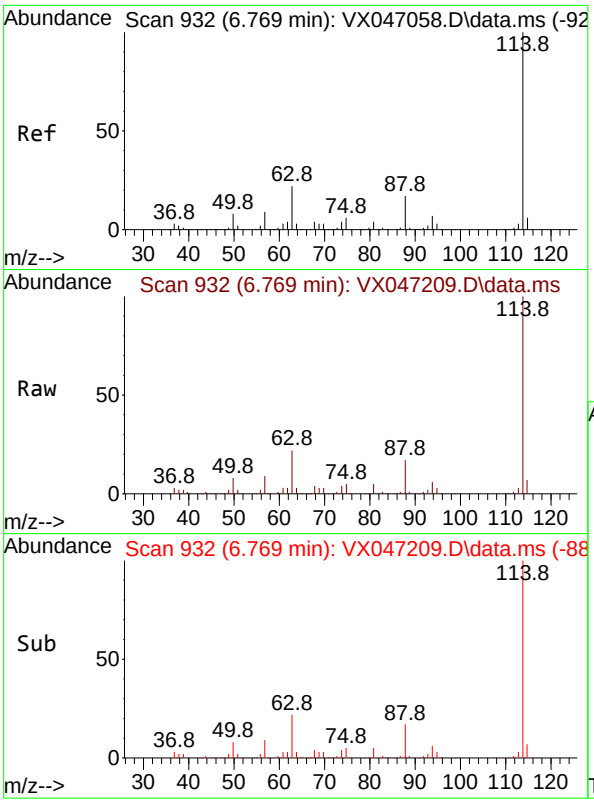


#33
1,2-Dichloroethane-d4
Concen: 59.370 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Tgt Ion: 65 Resp: 194027

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.8



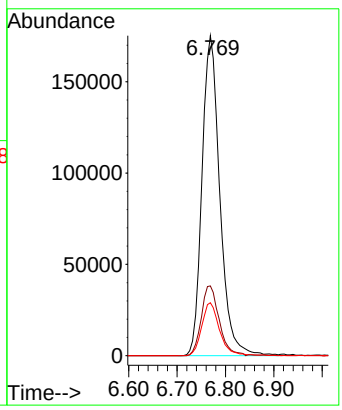


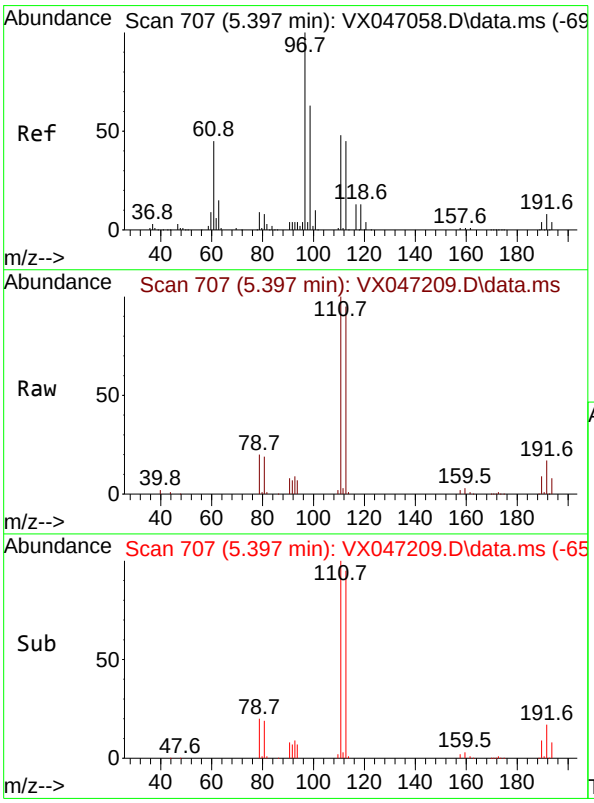
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 449740

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	16.5	0.0	33.8

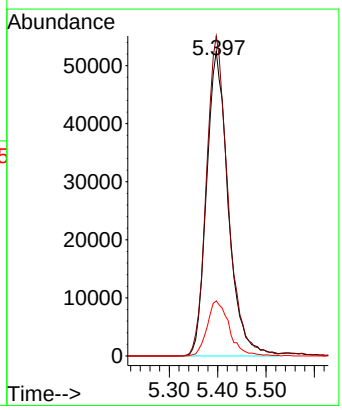


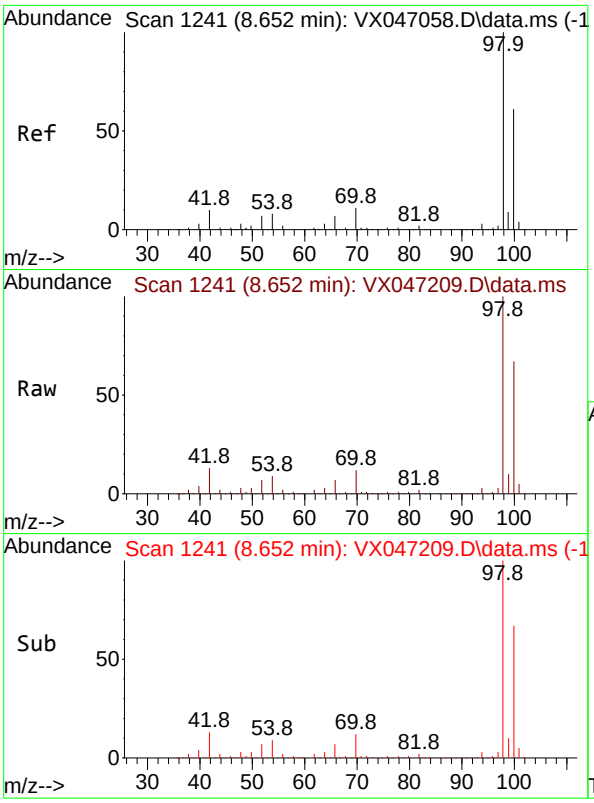


#35
Dibromofluoromethane
Concen: 58.849 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Tgt Ion:113 Resp: 163415

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	124.0
192	18.5	14.9	22.3



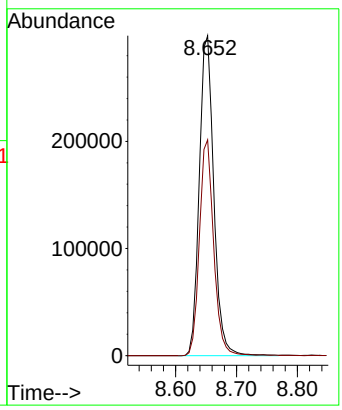


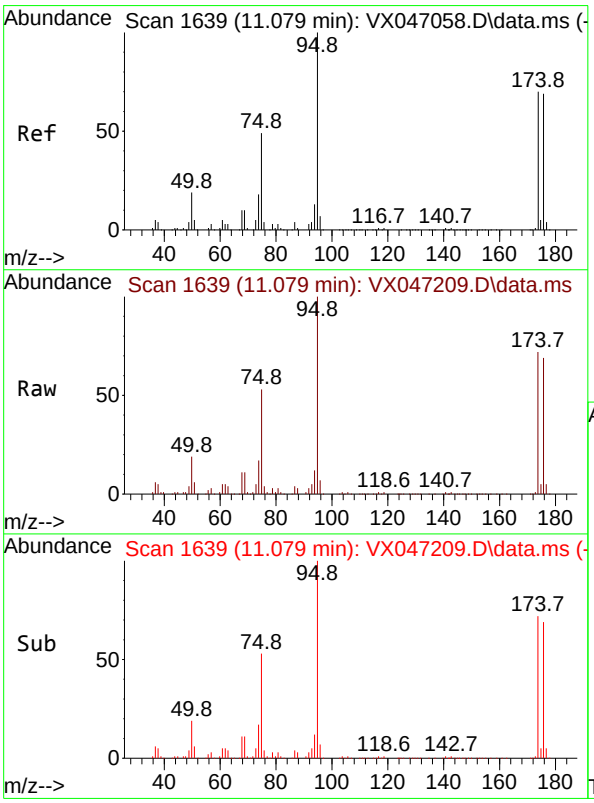
#50
Toluene-d8
Concen: 54.841 ug/l
RT: 8.652 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 493171

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9

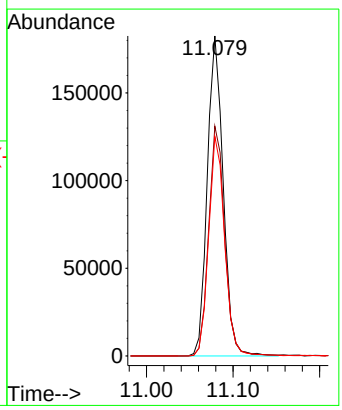


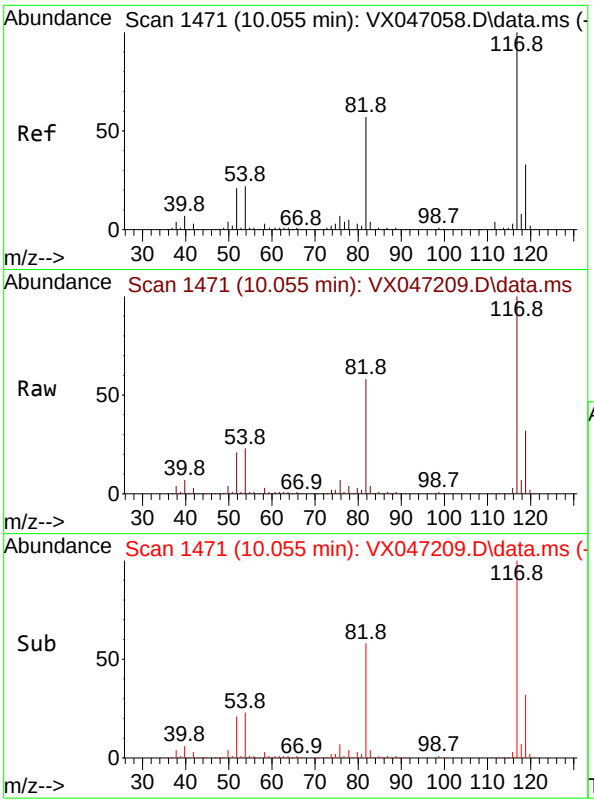


#62
4-Bromofluorobenzene
Concen: 60.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Tgt Ion: 95 Resp: 232900

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.6
176	69.2	0.0	139.6



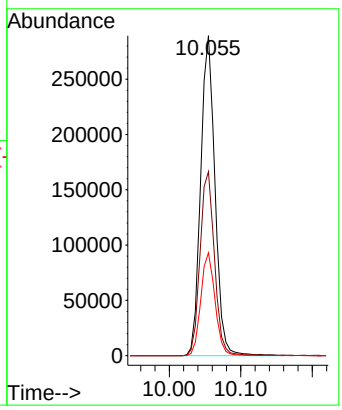


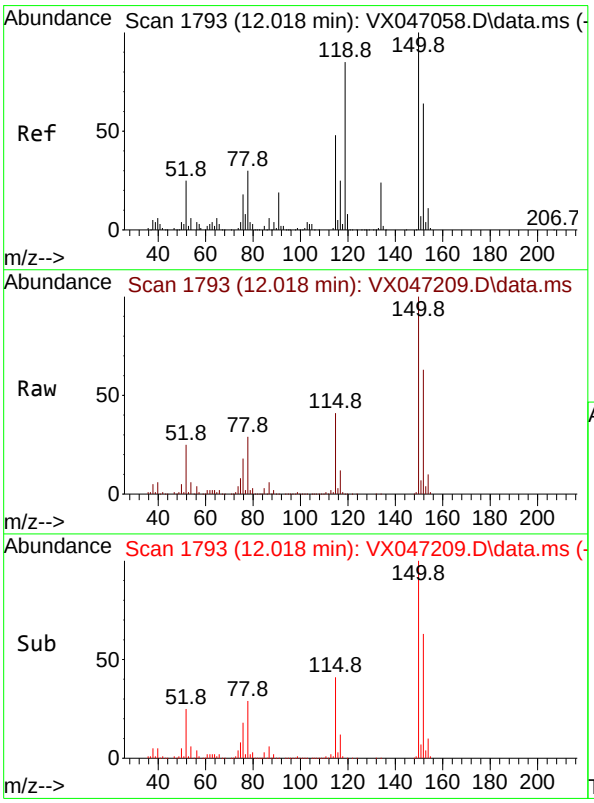
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 402679

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.2
119	32.2	26.1	39.1

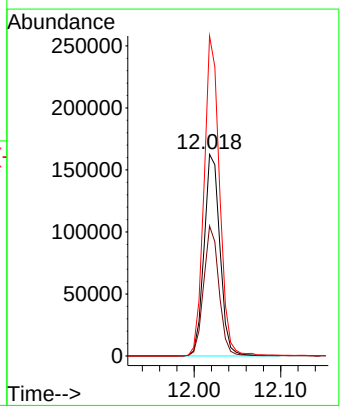




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047209.D
Acq: 01 Aug 2025 16:23

Tgt Ion:152 Resp: 207141

Ion	Ratio	Lower	Upper
152	100		
115	62.2	45.6	136.7
150	155.7	0.0	354.6



Raw Data: **VX047221.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2744
Lab Sample ID:	Q2744-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047221.D	1	08/04/25 11:53	VX080425

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047221.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2744
Lab Sample ID:	Q2744-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047221.D	1	08/04/25 11:53	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047221.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2744
Lab Sample ID:	Q2744-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047221.D	1	08/04/25 11:53	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.8		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	54.9		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	393000	5.562			
540-36-3	1,4-Difluorobenzene	731000	6.769			
3114-55-4	Chlorobenzene-d5	702000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	353000	12.018			

Raw Data: **VX047221.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2744
Lab Sample ID:	Q2744-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047221.D	1	08/04/25 11:53	VX080425

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\VX080425\
Data File : VX047221.D
Acq On : 04 Aug 2025 11:53
Operator : JC/MD
Sample : Q2744-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 05 02:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	393235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	730850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	701677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	352532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	263541	53.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.600%			
35) Dibromofluoromethane	5.397	113	220664	48.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	8.647	98	802518	54.916	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.840%			
62) 4-Bromofluorobenzene	11.079	95	332131	52.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.480%			

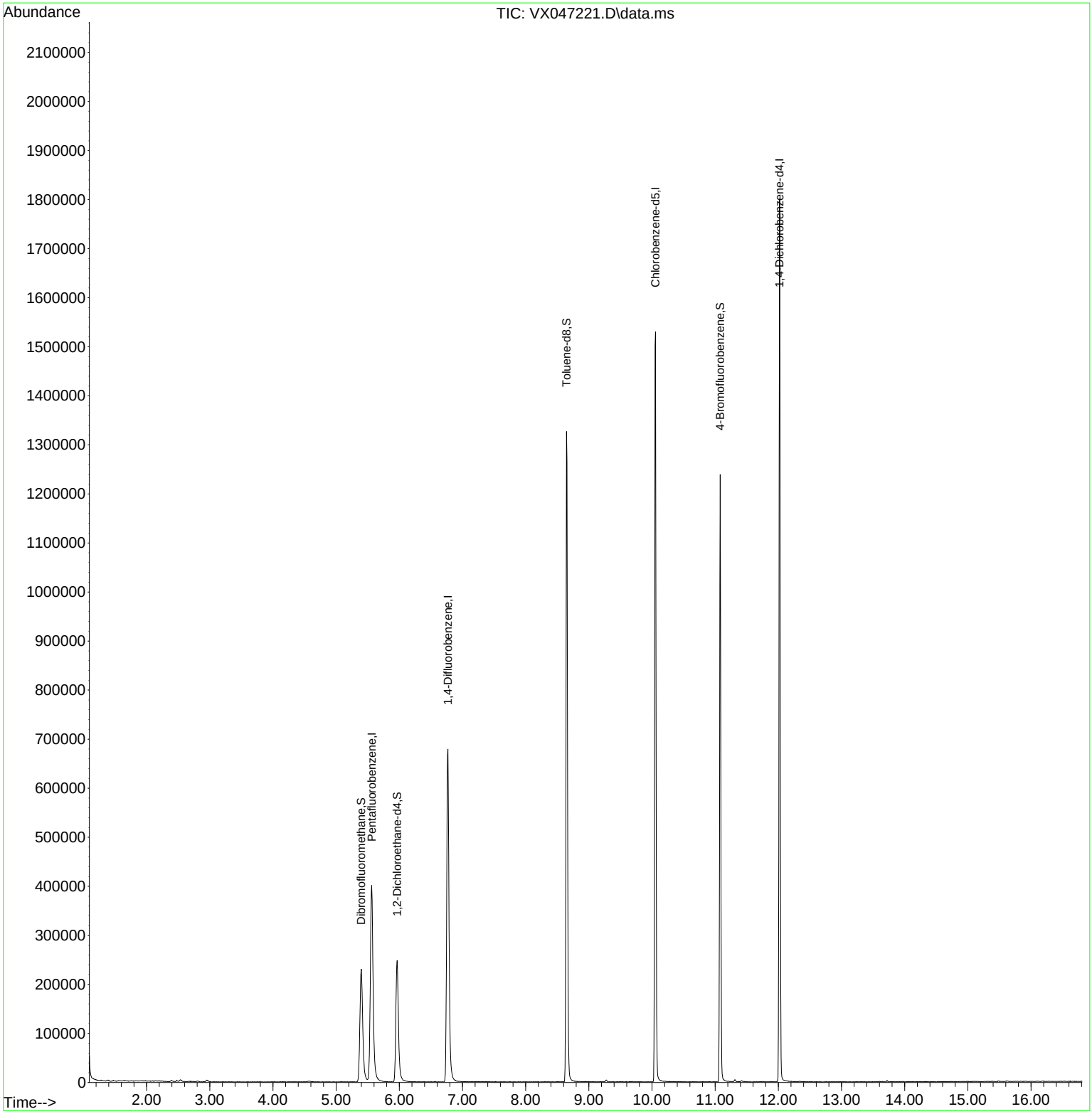
Target Compounds Qvalue

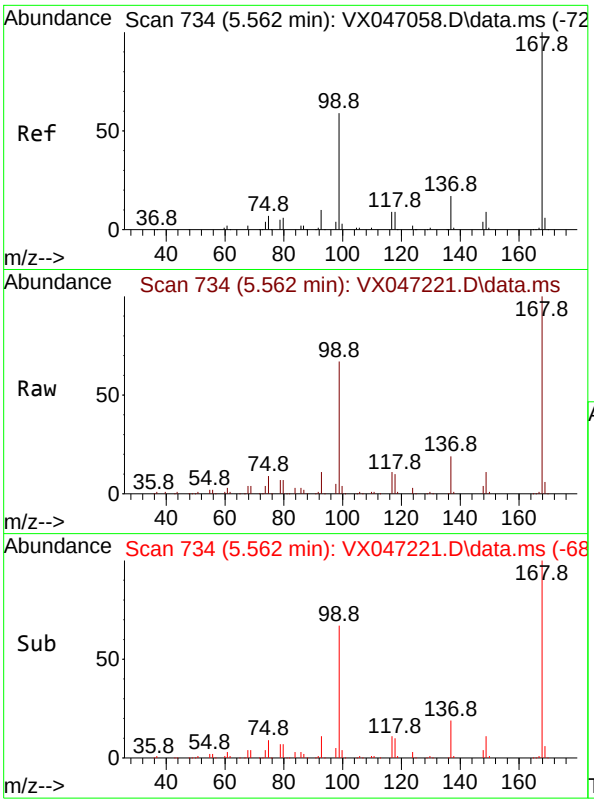
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047221.D
Acq On : 04 Aug 2025 11:53
Operator : JC/MD
Sample : Q2744-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 05 02:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



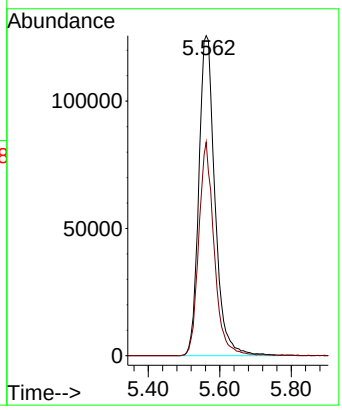


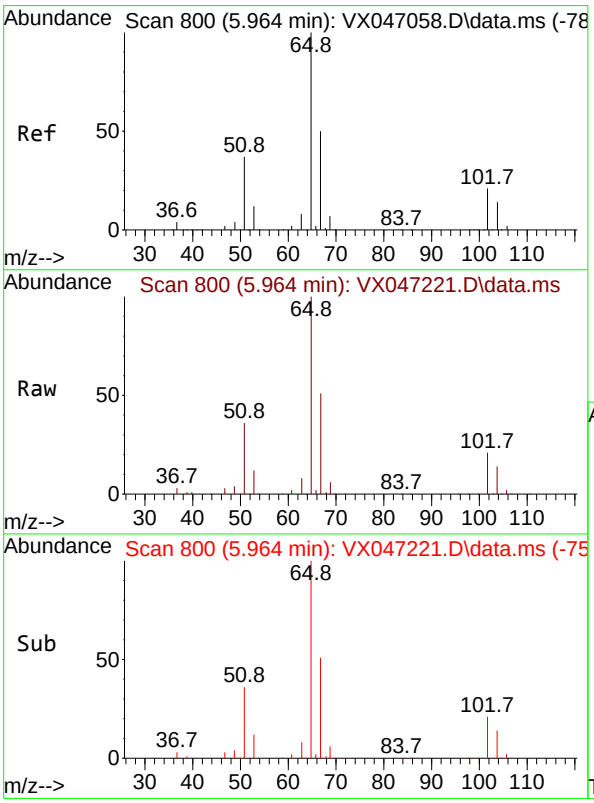
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 393235

Ion	Ratio	Lower	Upper
168	100		
99	66.7	48.0	72.0

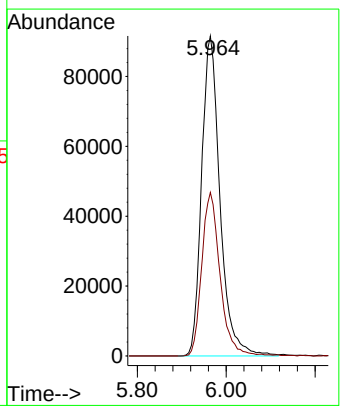


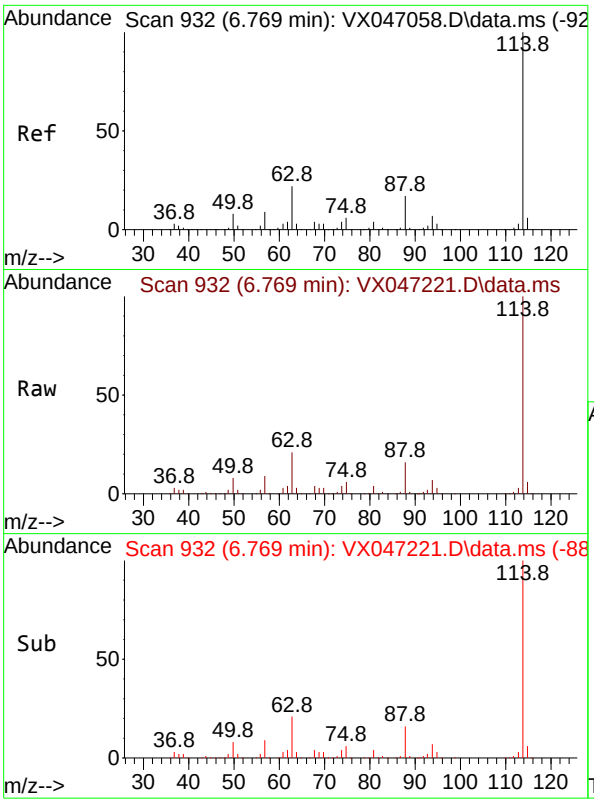


#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 65 Resp: 263541

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.8



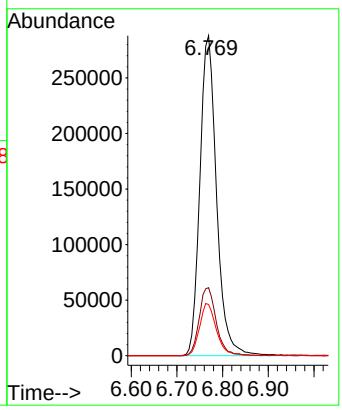


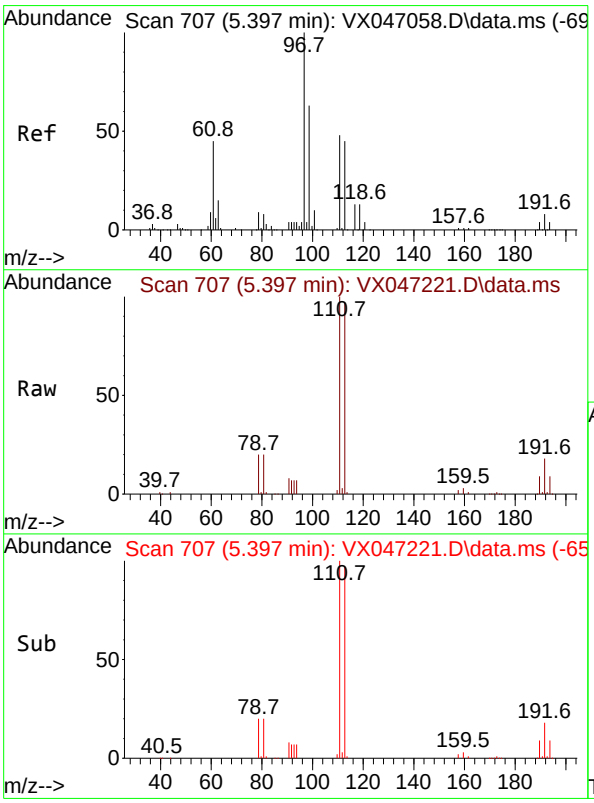
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:114 Resp: 730850

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	16.0	0.0	33.8

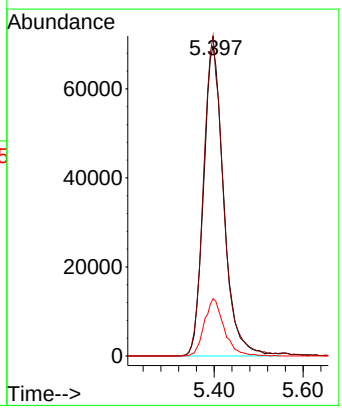


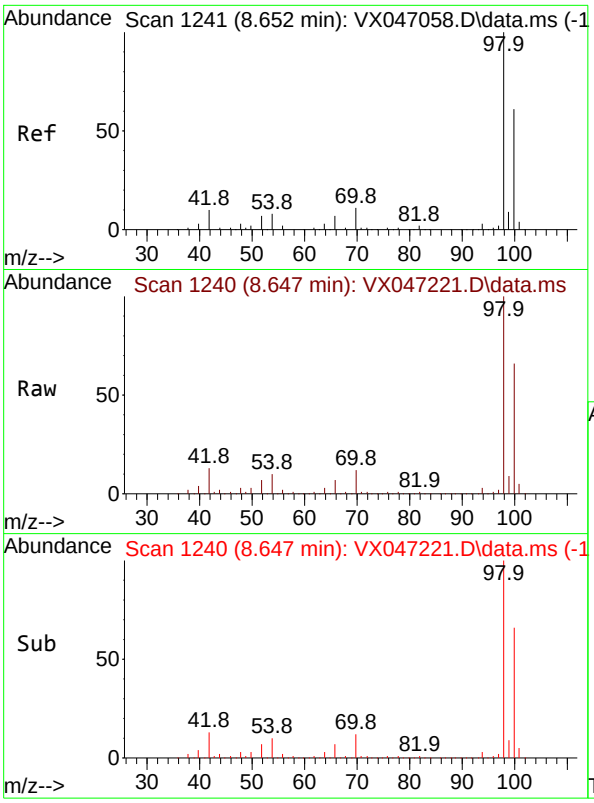


#35
Dibromofluoromethane
Concen: 48.901 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion:113 Resp: 220664

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	18.1	14.9	22.3



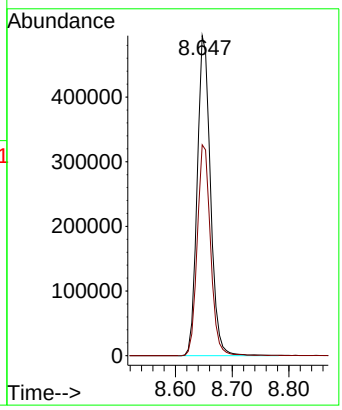


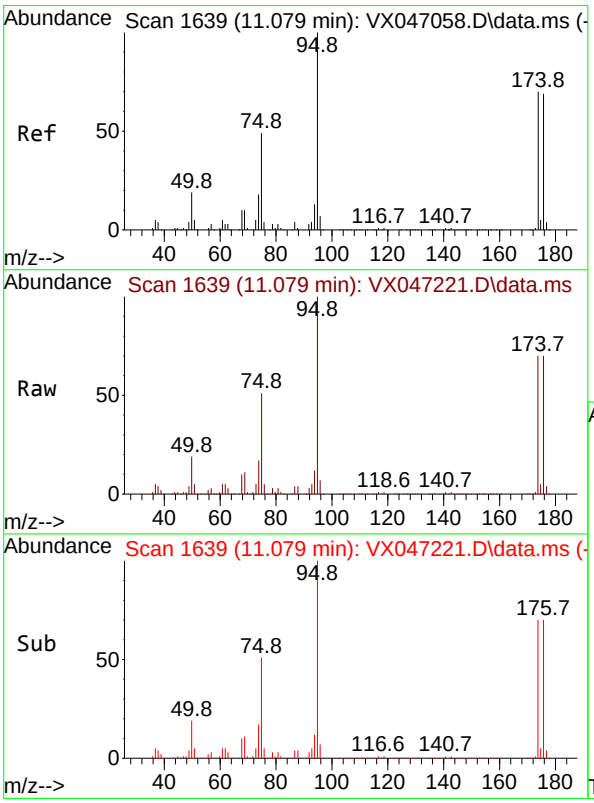
#50
Toluene-d8
Concen: 54.916 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 802518

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9

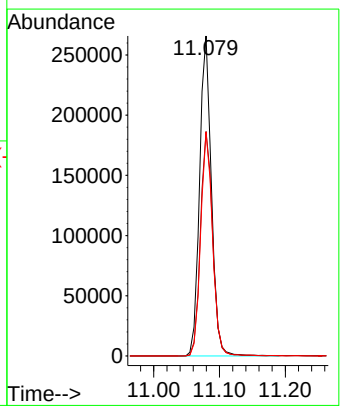


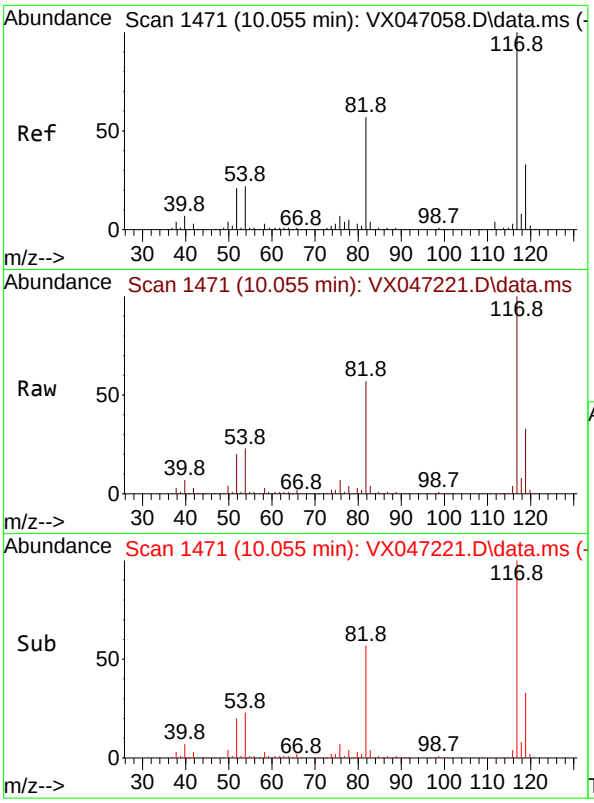


#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 95 Resp: 332131

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	144.6
176	70.2	0.0	139.6



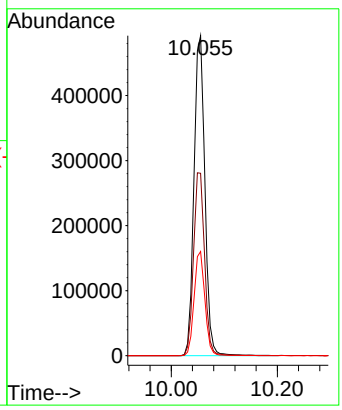


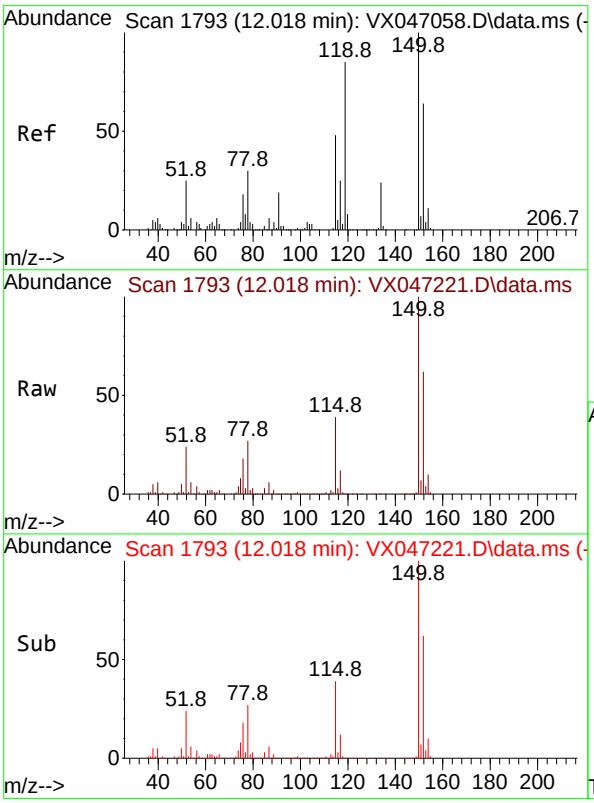
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 701677

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.2
119	32.5	26.1	39.1

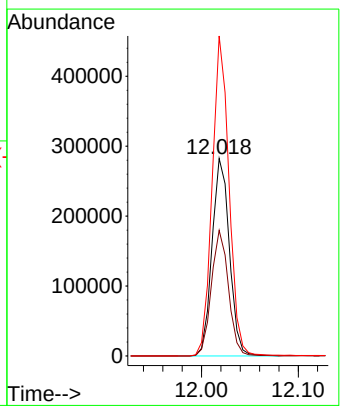




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion:152 Resp: 352532

Ion	Ratio	Lower	Upper
152	100		
115	62.7	45.6	136.7
150	157.4	0.0	354.6



Raw Data: **VX047211.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2744
Lab Sample ID:	Q2744-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047211.D	1	08/01/25 17:04	VX080125

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047211.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2744
Lab Sample ID:	Q2744-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047211.D	1	08/01/25 17:04	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	UQ	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047211.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2744
Lab Sample ID:	Q2744-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047211.D	1	08/01/25 17:04	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		75 - 124	108%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	5.568			
540-36-3	1,4-Difluorobenzene	495000	6.769			
3114-55-4	Chlorobenzene-d5	454000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	226000	12.018			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/25/25
Project:	Weekly Storage Blanks	Date Received:	08/01/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2744
Lab Sample ID:	Q2744-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047211.D	1	08/01/25 17:04	VX080125

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\VX080125\
Data File : VX047211.D
Acq On : 01 Aug 2025 17:04
Operator : JC/MD
Sample : Q2744-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 02 00:28:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

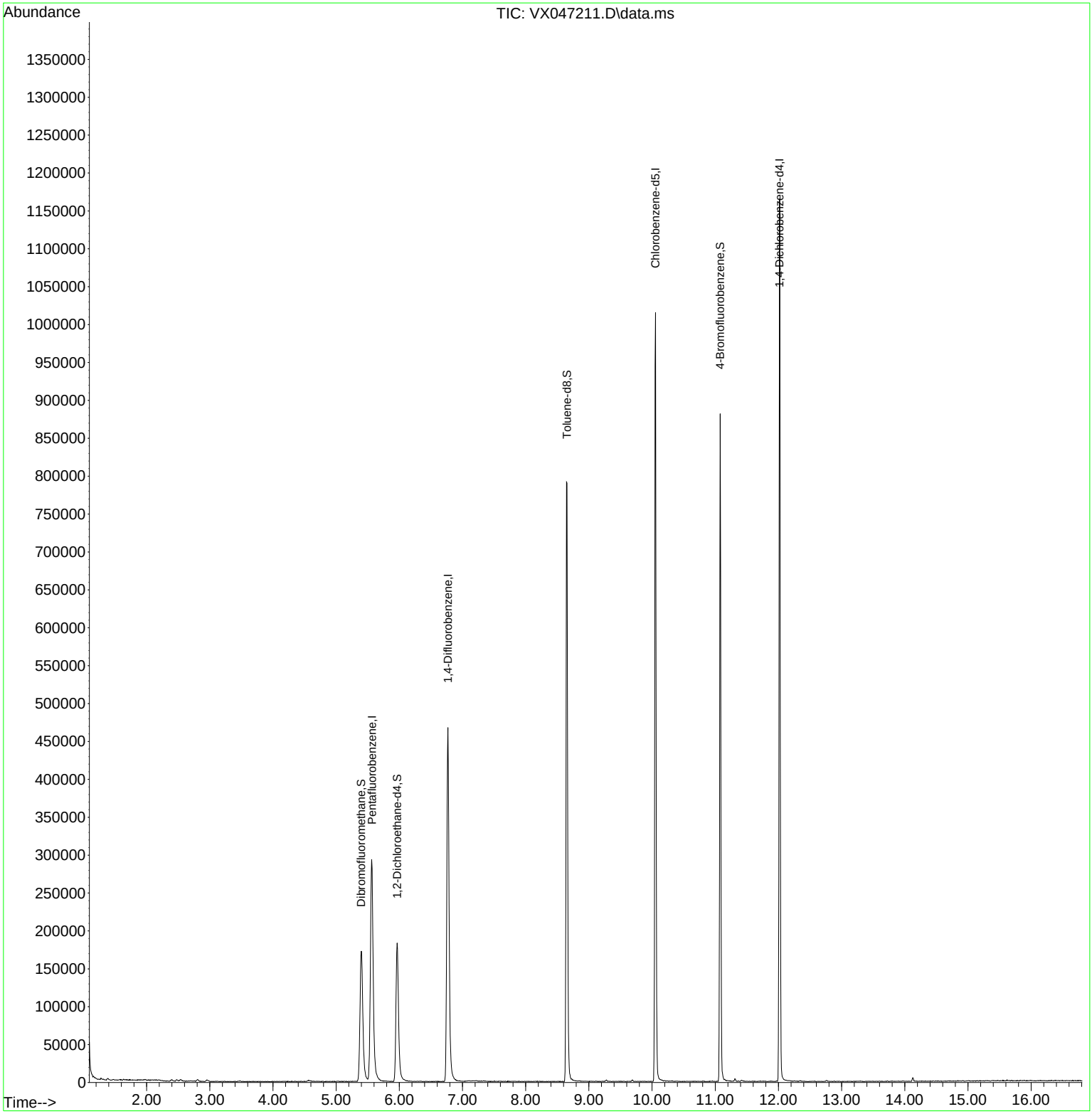
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	289476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	495196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	225621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	193511	53.664	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.320%			
35) Dibromofluoromethane	5.397	113	165144	54.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	8.653	98	491395	49.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.079	95	229970	53.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.780%			
Target Compounds						Qvalue

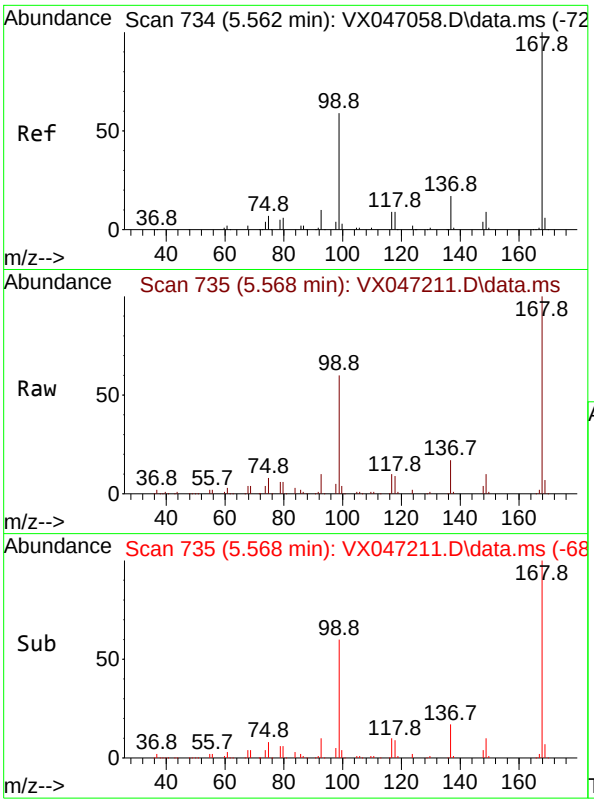
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047211.D
Acq On : 01 Aug 2025 17:04
Operator : JC/MD
Sample : Q2744-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 02 00:28:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



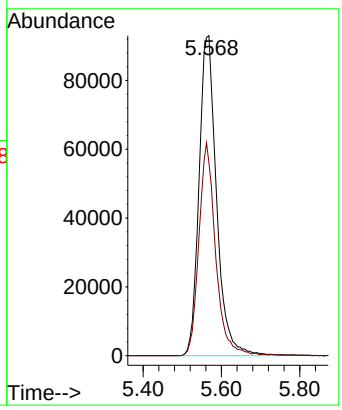


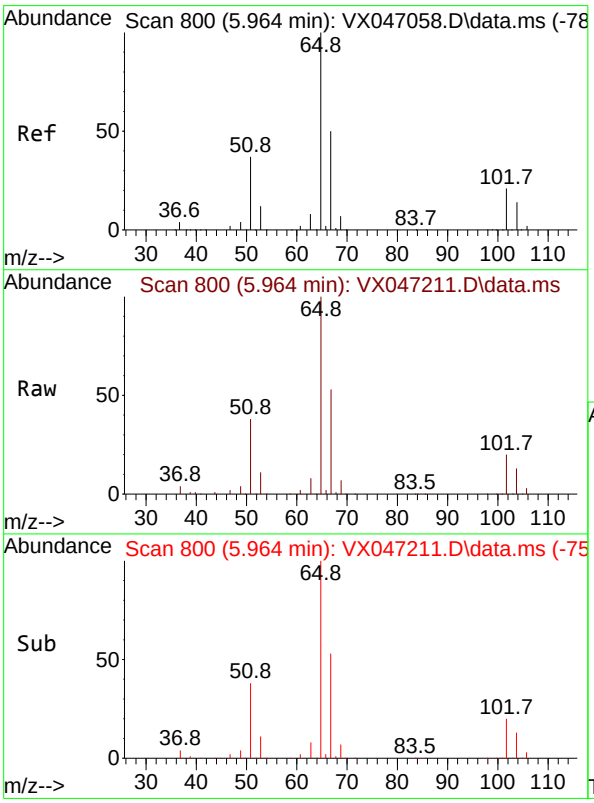
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 289476

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.0	72.0

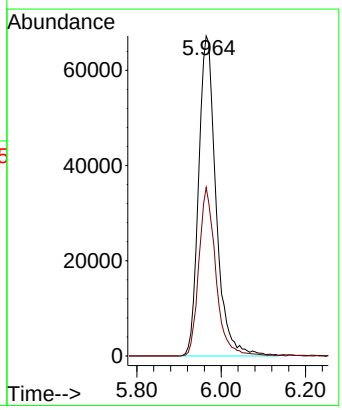


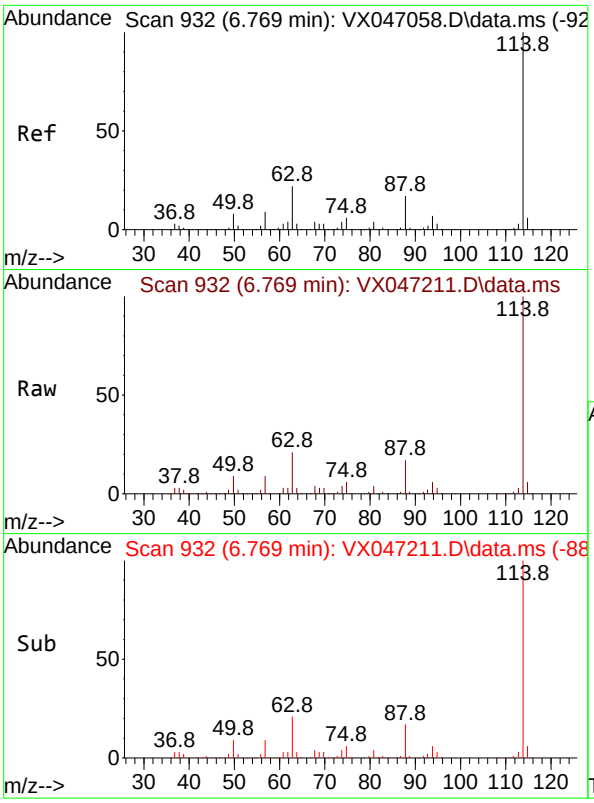


#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion: 65 Resp: 193511

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.8



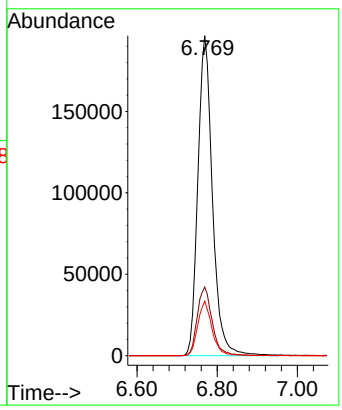


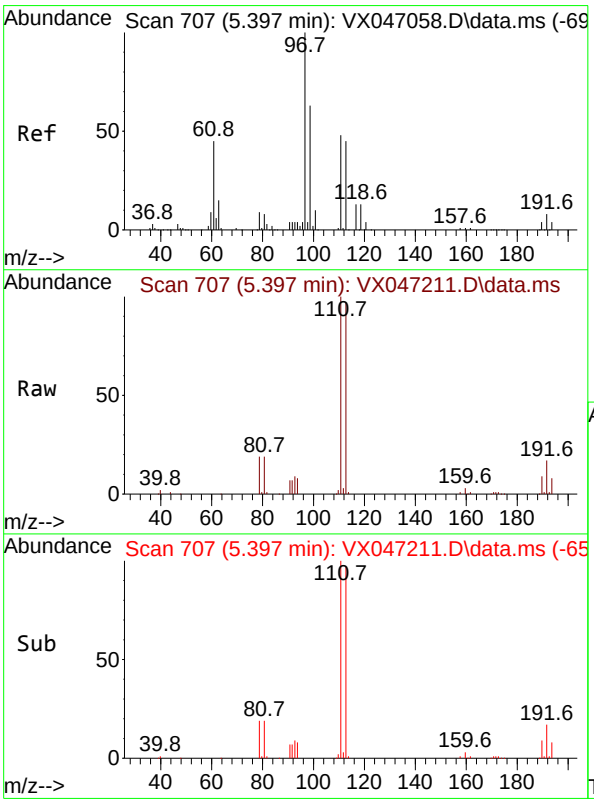
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 495196

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	17.0	0.0	33.8

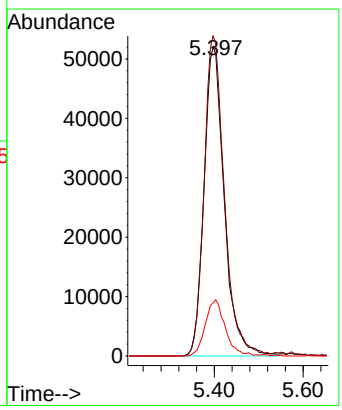


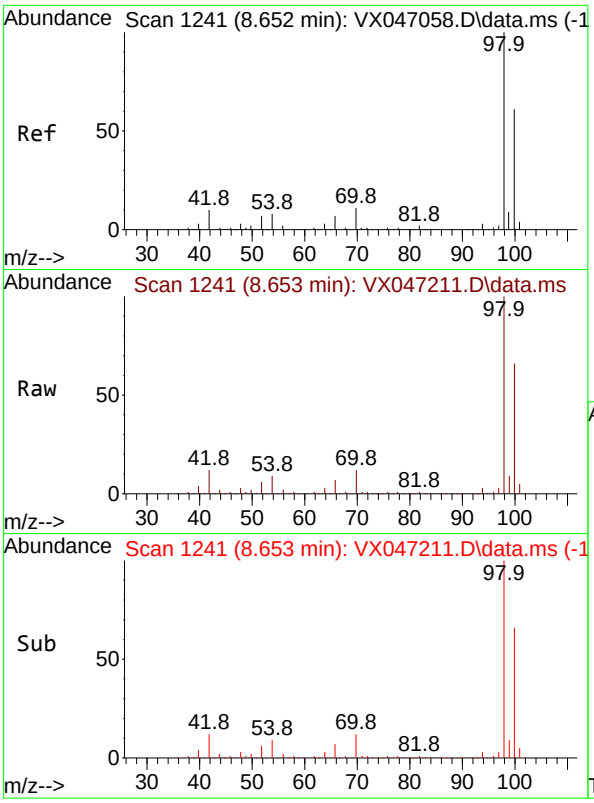


#35
Dibromofluoromethane
Concen: 54.013 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion:113 Resp: 165144

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	17.9	14.9	22.3



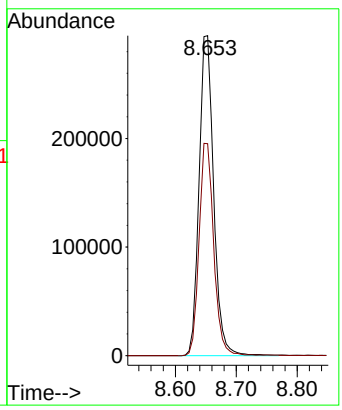


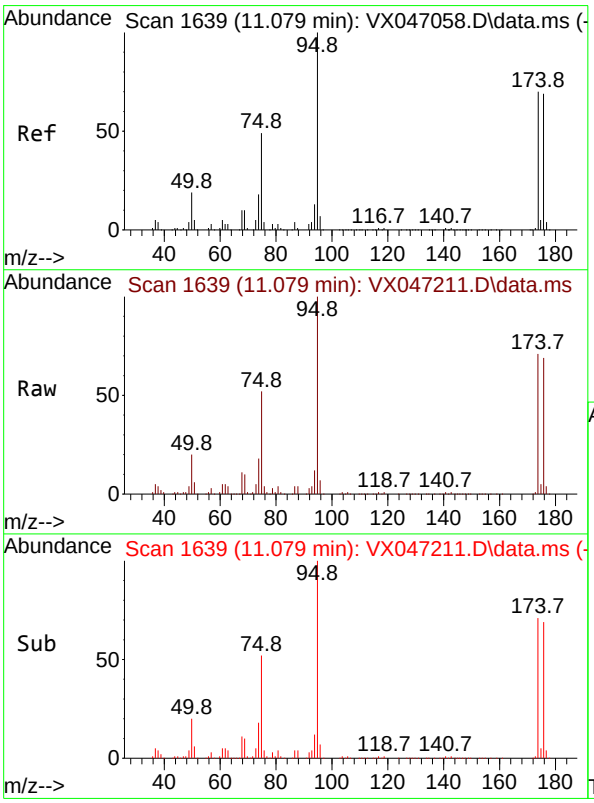
#50
Toluene-d8
Concen: 49.628 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 491395

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

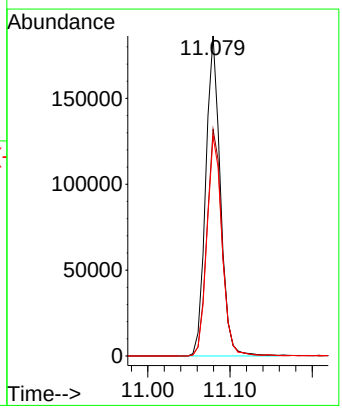


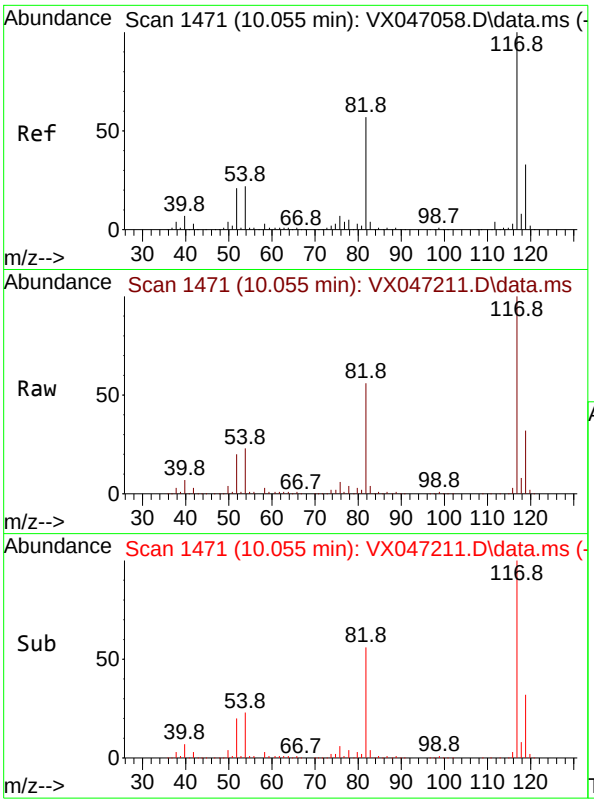


#62
4-Bromofluorobenzene
Concen: 53.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion: 95 Resp: 229970

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	144.6
176	70.7	0.0	139.6



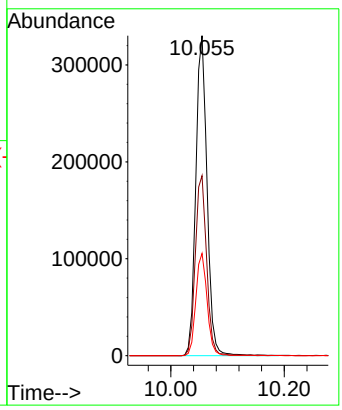


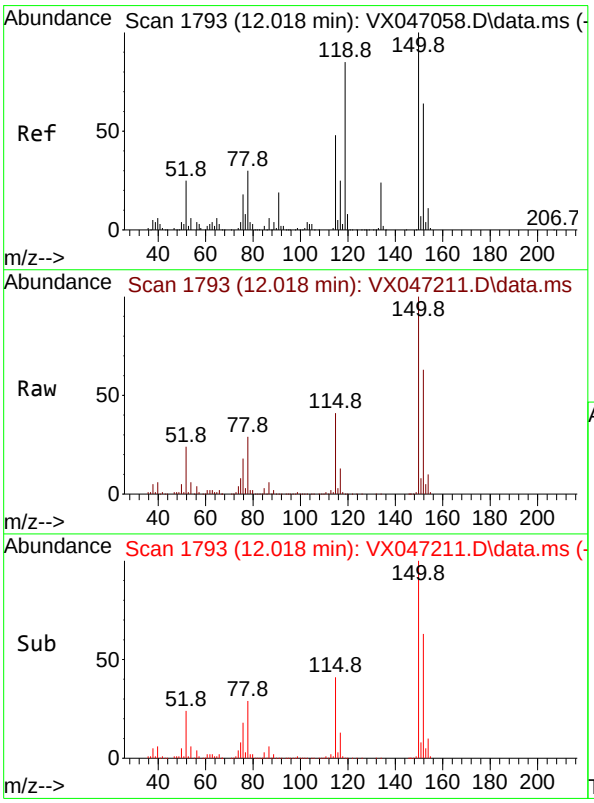
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 453951

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.2
119	32.0	26.1	39.1

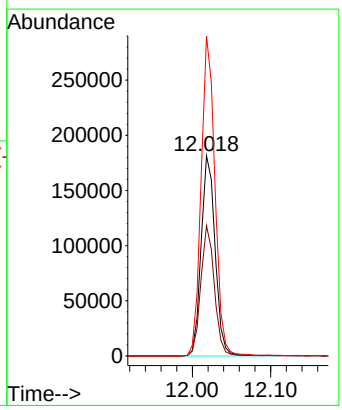




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion:152 Resp: 225621

Ion	Ratio	Lower	Upper
152	100		
115	63.5	45.6	136.7
150	158.1	0.0	354.6



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: CHEM02

Lab Code: ACE SDG No.: Q2744

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

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

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.1
Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7
Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.7
Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.5
Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	14
Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.3
Trichlorofluoromethane	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.1
1,1,2-Trichlorotrifluoroethane	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.7
Tert butyl alcohol		0.109	0.075	0.073	0.071	0.071	0.080	20.5
1,1-Dichloroethene	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.7
Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.3
Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.2
Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.5
Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.1
Methyl tert-butyl Ether	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.6
Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.1
Methylene Chloride	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.8
trans-1,2-Dichloroethene	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.7
Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.2
1,1-Dichloroethane	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.4
Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.2
2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.8
Carbon Tetrachloride	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.4
2,2-Dichloropropane	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.2
cis-1,2-Dichloroethene	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.6
Bromochloromethane	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.9
Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.2
1,1,1-Trichloroethane	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.5
Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.5
1,1-Dichloropropene	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.3

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

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: CHEM02

Lab Code: ACE SDG No.: Q2744

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

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

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.4
1,2-Dichloroethane	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.5
Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.5
1,2-Dichloropropane	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.2
Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.2
Bromodichloromethane	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.7
4-Methyl-2-Pentanone	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.8
Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.1
t-1,3-Dichloropropene	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.4
cis-1,3-Dichloropropene	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.6
1,1,2-Trichloroethane	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.9
1,3-Dichloropropane	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.6
2-Chloroethyl Vinyl ether	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.9
2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.9
Dibromochloromethane	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.4
1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.3
Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.6
Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.2
1,1,1,2-Tetrachloroethane	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.2
Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.8
Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.4
m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.1
o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.4
Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.4
Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.2
Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.2
1,1,2,2-Tetrachloroethane	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.9
1,2,3-Trichloropropane	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.3
Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.6
n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.4

* 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.

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: CHEM02

Lab Code: ACE SDG No.: Q2744

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

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

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.1
1,3,5-Trimethylbenzene	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.2
4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.9
tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.8
1,2,4-Trimethylbenzene	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.2
sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.2
p-Isopropyltoluene	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.9
1,3-Dichlorobenzene	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.3
1,4-Dichlorobenzene	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.8
n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.9
1,2-Dichlorobenzene	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.4
1,2-Dibromo-3-Chloropropane	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.6
1,2,4-Trichlorobenzene	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.6
Hexachlorobutadiene	0.334	0.396	0.407	0.406	0.392	0.382	0.386	7
Naphthalene	2.370	3.231	3.425	3.753	3.499	3.691	3.328	15.2
1,2,3-Trichlorobenzene	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.9
1,2-Dichloroethane-d4		0.768	0.511	0.575	0.611	0.649	0.623	15.4
Dibromofluoromethane		0.355	0.262	0.296	0.302	0.328	0.309	11.3
Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.8
4-Bromofluorobenzene		0.514	0.369	0.409	0.417	0.445	0.431	12.5

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025
Response Via : Initial Calibration

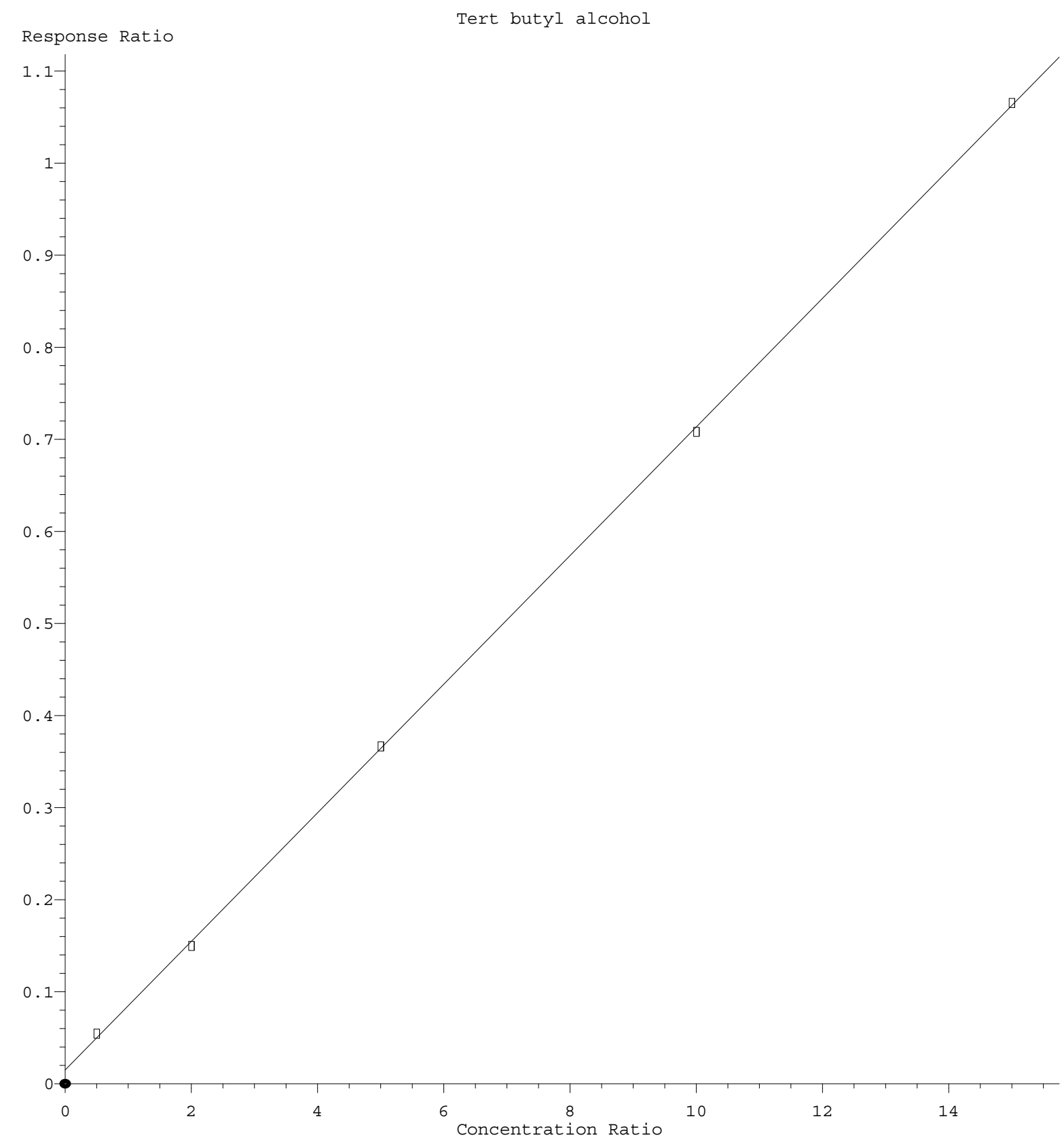
Calibration Files
1 =VX047055.D 5 =VX047056.D 20 =VX047057.D 50 =VX047058.D 100 =VX047059.D 150 =VX047060.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.06
3)	P	Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7.01
4)	C	Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.67#
5)	T	Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	13.95
6)	T	Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.27
7)	T	Trichlorofluor...	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.08
8)	T	Diethyl Ether	0.329	0.395	0.376	0.390	0.367	0.370	0.371	6.26
9)	T	1,1,2-Trichlor...	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.70
10)	T	Methyl Iodide		0.476	0.552	0.727	0.718	0.760	0.647	19.34
11)	T	Tert butyl alc...		0.109	0.075	0.073	0.071	0.071	0.080	20.51
12)	CM	1,1-Dichloroet...	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.66#
13)	T	Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.33
14)	T	Allyl chloride	0.941	1.191	1.162	1.239	1.139	1.143	1.136	9.00
15)	T	Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.15
16)	T	Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.53
17)	T	Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.09
18)	T	Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.05
19)	T	Methyl tert-bu...	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.64
20)	T	Methylene Chlo...	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.83
21)	T	trans-1,2-Dich...	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.69
22)	T	Diisopropyl ether	1.808	2.393	2.289	2.362	2.126	2.124	2.184	9.93
23)	T	Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.18
24)	P	1,1-Dichloroet...	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.40
25)	T	2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.85
26)	T	2,2-Dichloropr...	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.20
27)	T	cis-1,2-Dichlo...	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.56
28)	T	Bromochloromet...	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.95
29)	T	Tetrahydrofuran	0.182	0.250	0.244	0.256	0.238	0.236	0.234	11.35
30)	C	Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.22#
31)	T	Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.19
32)	T	1,1,1-Trichlor...	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.49
33)	S	1,2-Dichloroet...		0.768	0.511	0.575	0.611	0.649	0.623	15.42
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.355	0.262	0.296	0.302	0.328	0.309	11.30
36)	T	1,1-Dichloropr...	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.34
37)	T	Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.48
38)	T	Carbon Tetrach...	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.35
39)	T	Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.46
40)	TM	Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.41
41)	T	Methacrylonitrile	0.186	0.259	0.258	0.292	0.265	0.262	0.254	13.95
42)	TM	1,2-Dichloroet...	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.46
43)	T	Isopropyl Acetate	0.527	0.792	0.786	0.850	0.779	0.802	0.756	15.22
44)	TM	Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.51
45)	C	1,2-Dichloropr...	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.25#
46)	T	Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.17
47)	T	Bromodichlorom...	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.68
48)	T	Methyl methacr...	0.418	0.400	0.397	0.440	0.404	0.413	0.412	3.83
49)	T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	17.78
50)	S	Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.79
51)	T	4-Methyl-2-Pen...	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.81
52)	CM	Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.12#
53)	T	t-1,3-Dichloro...	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.42
54)	T	cis-1,3-Dichlo...	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.62
55)	T	1,1,2-Trichlor...	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.87
56)	T	Ethyl methacry...	0.342	0.527	0.556	0.596	0.544	0.555	0.520	17.35

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X072125W.M

57)	T	1,3-Dichloropr...	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.62
58)	T	2-Chloroethyl ...	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.88
59)	T	2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.93
60)	T	Dibromochlorom...	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.45
61)	T	1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.28
62)	S	4-Bromofluorob...		0.514	0.369	0.409	0.417	0.445	0.431	12.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.62
65)	PM	Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.24
66)	T	1,1,1,2-Tetrac...	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.20
67)	C	Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.35#
68)	T	m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.07
69)	T	o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.38
70)	T	Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.38
71)	P	Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.23
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.16
74)	T	N-amyl acetate	1.260	1.501	1.617	1.784	1.658	1.729	1.592	11.89
75)	P	1,1,2,2-Tetrac...	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.93
76)	T	1,2,3-Trichlor...	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.32
77)	T	Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.58
78)	T	n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.36
79)	T	2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.07
80)	T	1,3,5-Trimethy...	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.22
81)	T	trans-1,4-Dich...		0.301	0.331	0.391	0.375	0.398	0.359	11.62
82)	T	4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.88
83)	T	tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.83
84)	T	1,2,4-Trimethy...	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.17
85)	T	sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.19
86)	T	p-Isopropyltol...	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.90
87)	T	1,3-Dichlorobe...	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.30
88)	T	1,4-Dichlorobe...	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.79
89)	T	n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.94
90)	T	Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.84
91)	T	1,2-Dichlorobe...	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.40
92)	T	1,2-Dibromo-3-...	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.61
93)	T	1,2,4-Trichlor...	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.64
94)	T	Hexachlorobuta...	0.334	0.396	0.407	0.406	0.392	0.382	0.386	6.99
95)	T	Naphthalene	2.369	3.231	3.425	3.753	3.499	3.691	3.328	15.20
96)	T	1,2,3-Trichlor...	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.87

(#) = Out of Range



Response = 6.981e-002 * Amt + 1.498e-002
Coef of Det (r^2) = 0.999878 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X072125W.M
Calibration Table Last Updated: Tue Jul 22 03:59:51 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	337975	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	582229	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	522701	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266871	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	1.185	85	3490	0.777	ug/l		87
3) Chloromethane	1.307	50	3931	0.885	ug/l	#	86
4) Vinyl Chloride	1.392	62	3909	0.819	ug/l		94
6) Chloroethane	1.709	64	3698	1.180	ug/l		95
7) Trichlorofluoromethane	1.910	101	5767	0.810	ug/l		91
8) Diethyl Ether	2.154	74	2227	0.887	ug/l		93
9) 1,1,2-Trichlorotrifluo...	2.349	101	3769	0.879	ug/l		98
12) 1,1-Dichloroethene	2.343	96	3739	0.880	ug/l		94
14) Allyl chloride	2.684	41	6361	0.829	ug/l		86
15) Acrylonitrile	3.087	53	7013	3.493	ug/l		86
16) Acetone	2.392	43	9071	5.378	ug/l	#	88
17) Carbon Disulfide	2.532	76	11039	0.898	ug/l	#	91
18) Methyl Acetate	2.715	43	4440	0.991	ug/l	#	68
19) Methyl tert-butyl Ether	3.130	73	11087	0.858	ug/l		98
20) Methylene Chloride	2.800	84	4289	0.924	ug/l	#	91
21) trans-1,2-Dichloroethene	3.111	96	3590	0.826	ug/l	#	92
22) Diisopropyl ether	3.776	45	12222	0.828	ug/l		92
23) Vinyl Acetate	3.739	43	45048	3.805	ug/l		100
24) 1,1-Dichloroethane	3.629	63	7054	0.859	ug/l	#	94
25) 2-Butanone	4.617	43	10725	4.367	ug/l		99
26) 2,2-Dichloropropane	4.495	77	5905	0.929	ug/l		88
27) cis-1,2-Dichloroethene	4.501	96	4527	0.880	ug/l		84
28) Bromochloromethane	4.916	49	3092	0.819	ug/l	#	98
29) Tetrahydrofuran	5.032	42	6164	3.890	ug/l	#	87
30) Chloroform	5.111	83	7976	0.955	ug/l		86
32) 1,1,1-Trichloroethane	5.397	97	6496	0.895	ug/l	#	51
36) 1,1-Dichloropropene	5.708	75	6705	1.094	ug/l	#	87
37) Ethyl Acetate	4.751	43	5770m	1.068	ug/l		
38) Carbon Tetrachloride	5.696	117	6120	0.936	ug/l		96
39) Methylcyclohexane	7.379	83	6794	0.888	ug/l		90
40) Benzene	6.050	78	15450	0.871	ug/l		91
41) Methacrylonitrile	4.971	41	2166	0.734	ug/l	#	74
42) 1,2-Dichloroethane	6.105	62	5449	0.872	ug/l		98
43) Isopropyl Acetate	6.367	43	6134	0.697	ug/l	#	94
44) Trichloroethene	7.147	130	4075	0.896	ug/l		62
45) 1,2-Dichloropropane	7.440	63	3895	0.877	ug/l		93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	2372	0.762	ug/l		88
47) Bromodichloromethane	7.830	83	5749	0.867	ug/l	#	87
48) Methyl methacrylate	7.714	41	4863m	1.014	ug/l		
49) 1,4-Dioxane	7.684	88	700m	12.834	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	21616	4.131	ug/l		95
52) Toluene	8.726	92	8872	0.814	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	4993	0.798	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	5149	0.751	ug/l	#	73
55) 1,1,2-Trichloroethane	9.153	97	3490	0.853	ug/l	#	88
56) Ethyl methacrylate	9.128	69	3978	0.657	ug/l		91
57) 1,3-Dichloropropane	9.311	76	6170	0.868	ug/l	#	88
58) 2-Chloroethyl Vinyl ether	8.251	63	11010	3.268	ug/l		98
59) 2-Hexanone	9.439	43	11200	3.240	ug/l		87
60) Dibromochloromethane	9.525	129	3998	0.834	ug/l		91
61) 1,2-Dibromoethane	9.616	107	3885	0.909	ug/l		98
64) Tetrachloroethene	9.275	164	3363	0.892	ug/l	#	90
65) Chlorobenzene	10.080	112	10754	0.878	ug/l	#	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	3699	0.897	ug/l	#	64
67) Ethyl Benzene	10.195	91	18959	0.886	ug/l		100
68) m/p-Xylenes	10.299	106	14496	1.809	ug/l		94
69) o-Xylene	10.640	106	6125	0.804	ug/l		91
70) Styrene	10.659	104	10704	0.819	ug/l		93
71) Bromoform	10.799	173	2687	0.858	ug/l	#	97
73) Isopropylbenzene	10.964	105	16971	0.806	ug/l		100
74) N-amyl acetate	10.848	43	6726m	0.801	ug/l		
75) 1,1,2,2-Tetrachloroethane	11.213	83	5223	0.868	ug/l		96
76) 1,2,3-Trichloropropane	11.244	75	4019m	0.814	ug/l		
77) Bromobenzene	11.201	156	4251	0.842	ug/l		94
78) n-propylbenzene	11.305	91	20259	0.805	ug/l		99
79) 2-Chlorotoluene	11.366	91	12959	0.862	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	14083	0.810	ug/l		98
82) 4-Chlorotoluene	11.457	91	14521	0.827	ug/l		97
83) tert-Butylbenzene	11.713	119	14652	0.839	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	13354	0.770	ug/l		98
85) sec-Butylbenzene	11.890	105	17765	0.814	ug/l		95
86) p-Isopropyltoluene	12.006	119	14016	0.775	ug/l		89
87) 1,3-Dichlorobenzene	11.969	146	8335	0.869	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	8857m	0.911	ug/l		
89) n-Butylbenzene	12.329	91	14116	0.832	ug/l		95
90) Hexachloroethane	12.536	117	2772	0.857	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	8184	0.892	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	749	0.649	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	4906	0.810	ug/l		98
94) Hexachlorobutadiene	13.725	225	1785	0.866	ug/l		98
95) Naphthalene	13.780	128	12647	0.712	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	4936	0.846	ug/l		95

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

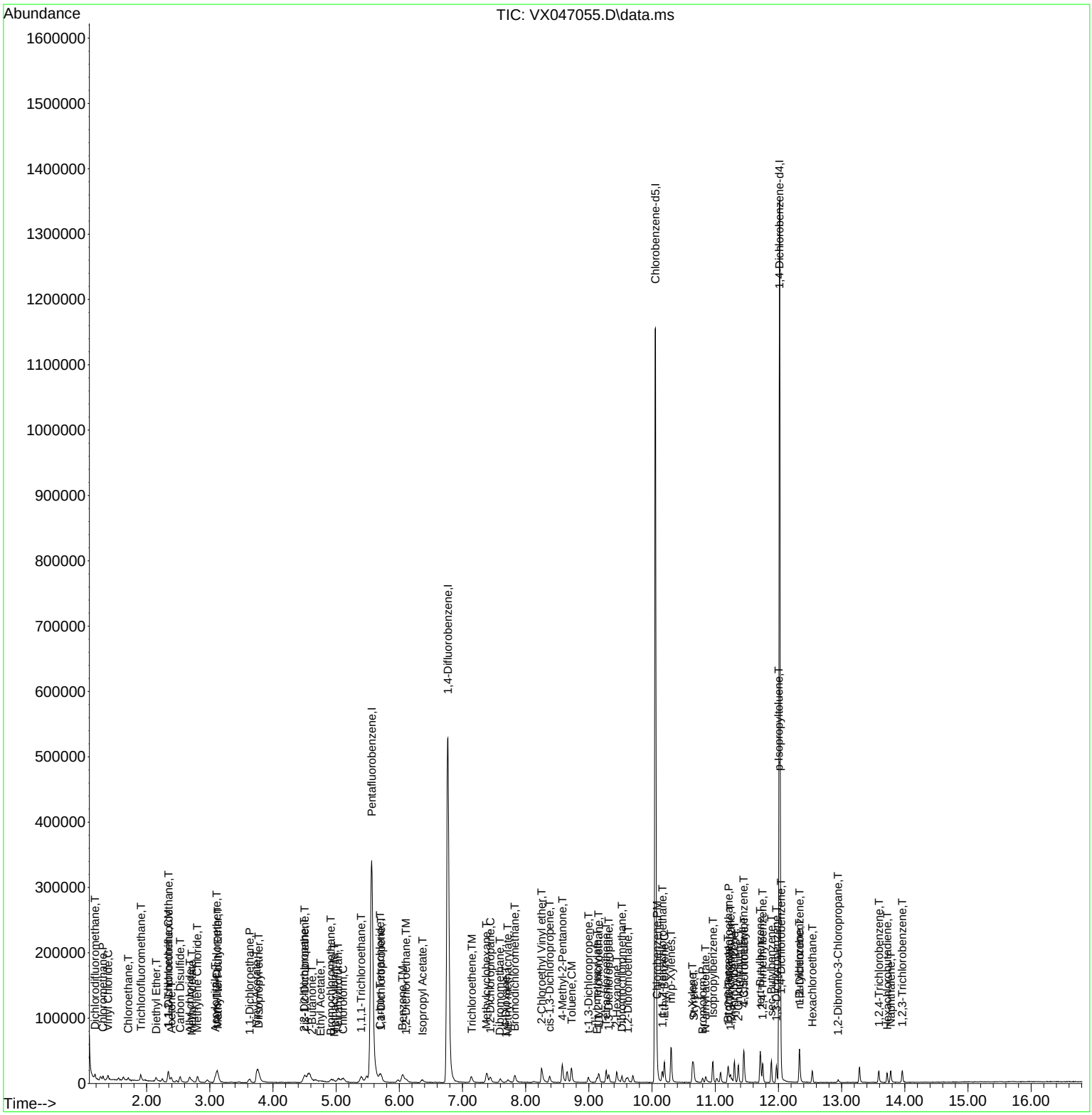
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 22 03:35:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	319458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	24550	6.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.340%#		
35) Dibromofluoromethane	5.403	113	19243	5.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.652	98	70081	6.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.940%#		
62) 4-Bromofluorobenzene	11.079	95	27880	5.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	20453	4.820	ug/l	95
3) Chloromethane	1.306	50	21331	5.082	ug/l	97
4) Vinyl Chloride	1.385	62	23623	5.236	ug/l	100
5) Bromomethane	1.617	94	13048	5.324	ug/l	88
6) Chloroethane	1.702	64	15411	5.200	ug/l	98
7) Trichlorofluoromethane	1.904	101	35886	5.334	ug/l	96
8) Diethyl Ether	2.148	74	12607	5.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	21422	5.285	ug/l	98
10) Methyl Iodide	2.471	142	15201	3.680	ug/l	93
11) Tert butyl alcohol	2.964	59	17392	28.263	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	21053	5.244	ug/l	91
13) Acrolein	2.251	56	21604	25.213	ug/l	99
14) Allyl chloride	2.678	41	38039	5.242	ug/l	99
15) Acrylonitrile	3.074	53	51340	27.051	ug/l	100
16) Acetone	2.391	43	42718	26.796	ug/l	99
17) Carbon Disulfide	2.526	76	61522	5.297	ug/l	100
18) Methyl Acetate	2.721	43	21905	5.171	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	64256	5.259	ug/l	96
20) Methylene Chloride	2.806	84	23989	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	22396	5.451	ug/l	96
22) Diisopropyl ether	3.775	45	76458	5.480	ug/l	97
23) Vinyl Acetate	3.739	43	288230	25.756	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42402	5.465	ug/l	96
25) 2-Butanone	4.574	43	60022	25.858	ug/l	97
26) 2,2-Dichloropropane	4.489	77	32298	5.378	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	26579	5.463	ug/l	98
28) Bromochloromethane	4.921	49	19435	5.445	ug/l	96
29) Tetrahydrofuran	5.031	42	39885	26.631	ug/l	96
30) Chloroform	5.110	83	43336	5.487	ug/l	93
31) Cyclohexane	5.482	56	38990	5.241	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	36920	5.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28590	5.011	ug/l	98
37) Ethyl Acetate	4.739	43	29112m	5.790	ug/l	
38) Carbon Tetrachloride	5.690	117	33199	5.452	ug/l	97
39) Methylcyclohexane	7.384	83	37547	5.271	ug/l	95
40) Benzene	6.049	78	89797	5.438	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14018	5.100 ug/l	98
42) 1,2-Dichloroethane	6.092	62	31844	5.475 ug/l	96
43) Isopropyl Acetate	6.354	43	42946	5.240 ug/l	95
44) Trichloroethene	7.134	130	23153	5.468 ug/l	81
45) 1,2-Dichloropropane	7.439	63	22722	5.494 ug/l	93
46) Dibromomethane	7.592	93	16479	5.682 ug/l	97
47) Bromodichloromethane	7.823	83	33939	5.498 ug/l	99
48) Methyl methacrylate	7.701	41	21660	4.851 ug/l	99
49) 1,4-Dioxane	7.671	88	5549	109.271 ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	129413	26.565 ug/l	97
52) Toluene	8.720	92	56775	5.592 ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29776	5.108 ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	33127	5.193 ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	21223	5.574 ug/l	97
56) Ethyl methacrylate	9.116	69	28587	5.072 ug/l	96
57) 1,3-Dichloropropane	9.311	76	37251	5.629 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97443	31.066 ug/l	98
59) 2-Hexanone	9.433	43	84572	26.276 ug/l	99
60) Dibromochloromethane	9.518	129	24354	5.454 ug/l	99
61) 1,2-Dibromoethane	9.610	107	21578	5.420 ug/l	98
64) Tetrachloroethene	9.274	164	19701	5.592 ug/l	96
65) Chlorobenzene	10.079	112	63268	5.526 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	20300	5.267 ug/l	99
67) Ethyl Benzene	10.195	91	106984	5.345 ug/l	96
68) m/p-Xylenes	10.299	106	80835	10.791 ug/l	99
69) o-Xylene	10.640	106	40071	5.623 ug/l	94
70) Styrene	10.658	104	66283	5.424 ug/l	100
71) Bromoform	10.798	173	15763	5.384 ug/l #	97
73) Isopropylbenzene	10.963	105	102157	5.257 ug/l	97
74) N-amyl acetate	10.841	43	36965	4.769 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29627	5.338 ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25285m	5.546 ug/l	
77) Bromobenzene	11.195	156	24549	5.267 ug/l	95
78) n-propylbenzene	11.304	91	124648	5.368 ug/l	100
79) 2-Chlorotoluene	11.365	91	74781	5.387 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86414	5.383 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7407	4.186 ug/l	86
82) 4-Chlorotoluene	11.457	91	88304	5.450 ug/l	99
83) tert-Butylbenzene	11.713	119	84560	5.248 ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	87289	5.451 ug/l	99
85) sec-Butylbenzene	11.890	105	110255	5.477 ug/l	100
86) p-Isopropyltoluene	12.006	119	91112	5.457 ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48466	5.473 ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48817	5.441 ug/l	95
89) n-Butylbenzene	12.329	91	81710	5.219 ug/l	99
90) Hexachloroethane	12.536	117	14794	4.953 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46129	5.450 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5485	5.148 ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29296	5.239 ug/l	99
94) Hexachlorobutadiene	13.719	225	9742	5.122 ug/l	91
95) Naphthalene	13.774	128	79568	4.854 ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	27584	5.120 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

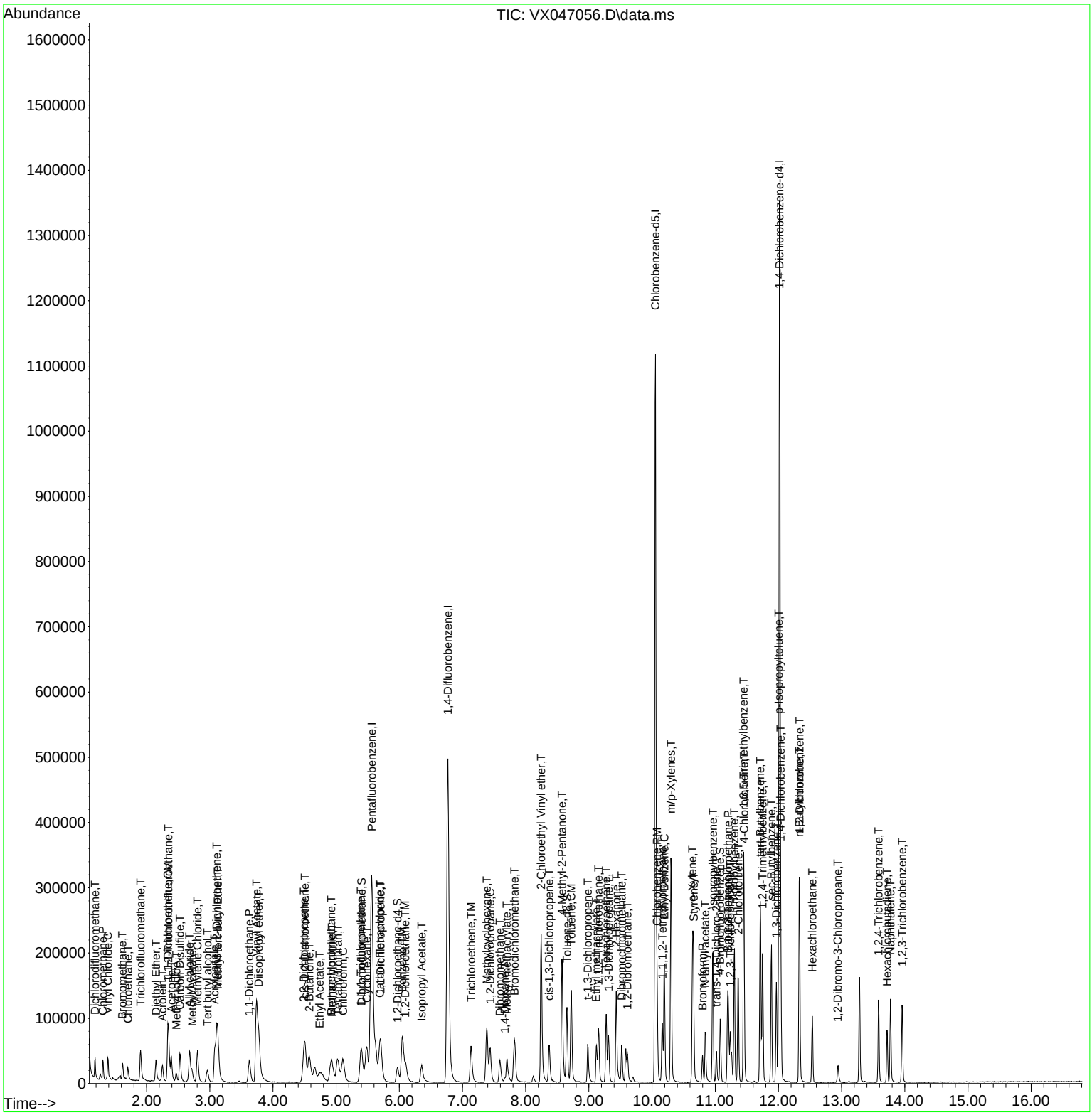
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	320913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	544303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65541	16.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.800%#		
35) Dibromofluoromethane	5.397	113	57105	16.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.980%#		
50) Toluene-d8	8.653	98	178825	16.431	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.860%#		
62) 4-Bromofluorobenzene	11.079	95	80359	17.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.260%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	78327	18.376	ug/l	99
3) Chloromethane	1.306	50	80305	19.046	ug/l	98
4) Vinyl Chloride	1.386	62	89887	19.832	ug/l	96
5) Bromomethane	1.617	94	51290	20.832	ug/l	92
6) Chloroethane	1.703	64	55955	18.797	ug/l	99
7) Trichlorofluoromethane	1.904	101	135815	20.095	ug/l	98
8) Diethyl Ether	2.148	74	48319	20.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	82864	20.350	ug/l	100
10) Methyl Iodide	2.465	142	70850	17.073	ug/l	98
11) Tert butyl alcohol	2.959	59	48048	96.502	ug/l	98
12) 1,1-Dichloroethene	2.337	96	81489	20.206	ug/l	96
13) Acrolein	2.245	56	83483	96.989	ug/l	97
14) Allyl chloride	2.678	41	149196	20.465	ug/l	99
15) Acrylonitrile	3.074	53	203243	106.603	ug/l	100
16) Acetone	2.385	43	157932	98.619	ug/l	97
17) Carbon Disulfide	2.526	76	234036	20.059	ug/l	99
18) Methyl Acetate	2.715	43	81624	19.180	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	251581	20.497	ug/l	99
20) Methylene Chloride	2.806	84	90849	20.621	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	85583	20.738	ug/l	97
22) Diisopropyl ether	3.769	45	293875	20.967	ug/l	91
23) Vinyl Acetate	3.733	43	1192633	106.090	ug/l	99
24) 1,1-Dichloroethane	3.623	63	159828	20.507	ug/l	99
25) 2-Butanone	4.568	43	238246	102.172	ug/l	97
26) 2,2-Dichloropropane	4.495	77	119113	19.743	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	99794	20.420	ug/l	99
28) Bromochloromethane	4.909	49	72912	20.334	ug/l	97
29) Tetrahydrofuran	5.019	42	156819	104.232	ug/l	100
30) Chloroform	5.104	83	160698	20.255	ug/l	100
31) Cyclohexane	5.482	56	152430	20.397	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	141289	20.503	ug/l	100
36) 1,1-Dichloropropene	5.702	75	114925	20.062	ug/l	99
37) Ethyl Acetate	4.726	43	95455	18.907	ug/l	99
38) Carbon Tetrachloride	5.684	117	123204	20.150	ug/l	99
39) Methylcyclohexane	7.385	83	146762	20.519	ug/l	99
40) Benzene	6.049	78	342454	20.656	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	56166	20.350	ug/l		95
42) 1,2-Dichloroethane	6.098	62	121515	20.808	ug/l		98
43) Isopropyl Acetate	6.342	43	171186	20.802	ug/l		99
44) Trichloroethene	7.128	130	85446	20.099	ug/l		98
45) 1,2-Dichloropropane	7.433	63	85547	20.603	ug/l		94
46) Dibromomethane	7.586	93	59949	20.588	ug/l		99
47) Bromodichloromethane	7.824	83	126091	20.345	ug/l		99
48) Methyl methacrylate	7.695	41	86386	19.269	ug/l		97
49) 1,4-Dioxane	7.665	88	21524	422.133	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	511307	104.532	ug/l		99
52) Toluene	8.720	92	214955	21.087	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	118872	20.311	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	134587	21.011	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	81137	21.224	ug/l		98
56) Ethyl methacrylate	9.116	69	121053	21.389	ug/l		98
57) 1,3-Dichloropropane	9.311	76	139031	20.925	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	294878	93.631	ug/l		100
59) 2-Hexanone	9.427	43	352298	109.015	ug/l		97
60) Dibromochloromethane	9.518	129	93165	20.779	ug/l		100
61) 1,2-Dibromoethane	9.610	107	82035	20.522	ug/l		99
64) Tetrachloroethene	9.274	164	74177	21.147	ug/l		95
65) Chlorobenzene	10.079	112	238428	20.917	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	78682	20.502	ug/l		98
67) Ethyl Benzene	10.195	91	412412	20.693	ug/l		99
68) m/p-Xylenes	10.299	106	309353	41.478	ug/l		98
69) o-Xylene	10.640	106	149592	21.083	ug/l		100
70) Styrene	10.652	104	259267	21.310	ug/l		100
71) Bromoform	10.799	173	58699	20.135	ug/l	#	100
73) Isopropylbenzene	10.963	105	399077	21.021	ug/l		100
74) N-amyl acetate	10.841	43	155675	20.558	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	113741	20.975	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	92003m	20.656	ug/l		
77) Bromobenzene	11.195	156	95957	21.073	ug/l		97
78) n-propylbenzene	11.298	91	476196	20.991	ug/l		100
79) 2-Chlorotoluene	11.359	91	278615	20.545	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	330824	21.093	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	31878	18.440	ug/l		94
82) 4-Chlorotoluene	11.451	91	331629	20.951	ug/l		99
83) tert-Butylbenzene	11.713	119	323819	20.571	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	328672	21.010	ug/l		100
85) sec-Butylbenzene	11.890	105	410930	20.892	ug/l		99
86) p-Isopropyltoluene	12.006	119	343591	21.065	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	179867	20.789	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	183173	20.897	ug/l		98
89) n-Butylbenzene	12.329	91	319940	20.916	ug/l		98
90) Hexachloroethane	12.536	117	58057	19.896	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	169749	20.528	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21427	20.585	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	111525	20.413	ug/l		99
94) Hexachlorobutadiene	13.719	225	39186	21.090	ug/l		96
95) Naphthalene	13.774	128	329630	20.581	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	107542	20.432	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

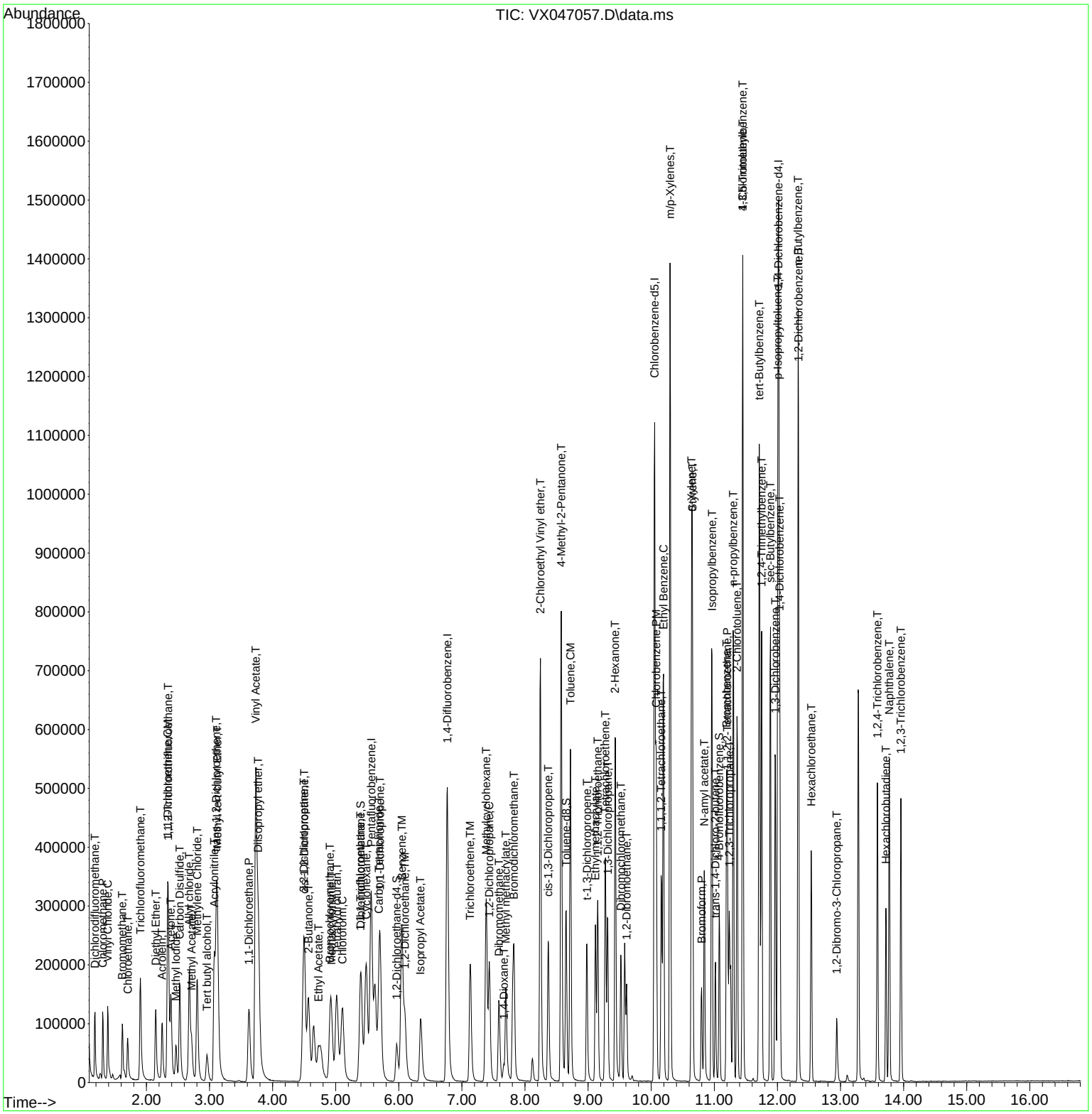
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 03:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	309883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	516282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178313	46.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.380%			
35) Dibromofluoromethane	5.397	113	152747	47.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.652	98	477108	46.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.440%			
62) 4-Bromofluorobenzene	11.079	95	211198	47.473	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	238090	57.844	ug/l	100
3) Chloromethane	1.306	50	216682	53.219	ug/l	100
4) Vinyl Chloride	1.386	62	241663	55.216	ug/l	100
5) Bromomethane	1.617	94	138734	58.354	ug/l	100
6) Chloroethane	1.703	64	145779	50.714	ug/l	100
7) Trichlorofluoromethane	1.904	101	358904	54.994	ug/l	100
8) Diethyl Ether	2.148	74	120887	52.535	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	209152	53.194	ug/l	100
10) Methyl Iodide	2.471	142	225356	56.237	ug/l	100
11) Tert butyl alcohol	2.958	59	113517	251.629	ug/l	100
12) 1,1-Dichloroethene	2.337	96	208894	53.640	ug/l	100
13) Acrolein	2.251	56	214749	258.372	ug/l	100
14) Allyl chloride	2.678	41	383854	54.528	ug/l	100
15) Acrylonitrile	3.074	53	510056	277.051	ug/l	100
16) Acetone	2.385	43	390060	252.239	ug/l	100
17) Carbon Disulfide	2.532	76	600045	53.261	ug/l	100
18) Methyl Acetate	2.715	43	213070	51.848	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	636699	53.721	ug/l	100
20) Methylene Chloride	2.806	84	223713	52.585	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	215393	54.049	ug/l	100
22) Diisopropyl ether	3.769	45	731970	54.083	ug/l	100
23) Vinyl Acetate	3.733	43	3005277	276.847	ug/l	100
24) 1,1-Dichloroethane	3.623	63	402810	53.522	ug/l	100
25) 2-Butanone	4.562	43	605614	268.961	ug/l	100
26) 2,2-Dichloropropane	4.489	77	303417	52.081	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	250112	53.001	ug/l	100
28) Bromochloromethane	4.909	49	188828	54.536	ug/l	100
29) Tetrahydrofuran	5.013	42	397391	273.532	ug/l	100
30) Chloroform	5.104	83	399454	52.141	ug/l	100
31) Cyclohexane	5.482	56	376396	52.159	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	349090	52.462	ug/l	100
36) 1,1-Dichloropropene	5.702	75	282151	51.926	ug/l	100
37) Ethyl Acetate	4.720	43	263866	55.103	ug/l	100
38) Carbon Tetrachloride	5.690	117	306989	52.934	ug/l	100
39) Methylcyclohexane	7.384	83	360702	53.168	ug/l	100
40) Benzene	6.043	78	851995	54.180	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	150516	57.494	ug/l	100
42) 1,2-Dichloroethane	6.098	62	297385	53.686	ug/l	100
43) Isopropyl Acetate	6.348	43	438617	56.192	ug/l	100
44) Trichloroethene	7.128	130	216747	53.751	ug/l	100
45) 1,2-Dichloropropane	7.433	63	210862	53.539	ug/l	100
46) Dibromomethane	7.586	93	151672	54.916	ug/l	100
47) Bromodichloromethane	7.823	83	318771	54.225	ug/l	100
48) Methyl methacrylate	7.695	41	227033	53.391	ug/l	100
49) 1,4-Dioxane	7.659	88	53924	1114.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1282299	276.384	ug/l	100
52) Toluene	8.720	92	524916	54.288	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	305568	55.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	337057	55.475	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	194314	53.587	ug/l	100
56) Ethyl methacrylate	9.116	69	307494	57.281	ug/l	100
57) 1,3-Dichloropropane	9.305	76	337106	53.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	833190	278.917	ug/l	100
59) 2-Hexanone	9.427	43	886635	289.252	ug/l	100
60) Dibromochloromethane	9.518	129	229147	53.881	ug/l	100
61) 1,2-Dibromoethane	9.610	107	204078	53.823	ug/l	100
64) Tetrachloroethene	9.274	164	174727	52.173	ug/l	100
65) Chlorobenzene	10.079	112	571696	52.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	194777	53.158	ug/l	100
67) Ethyl Benzene	10.195	91	1023986	53.812	ug/l	100
68) m/p-Xylenes	10.299	106	759689	106.683	ug/l	100
69) o-Xylene	10.640	106	364689	53.834	ug/l	100
70) Styrene	10.652	104	632474	54.447	ug/l	100
71) Bromoform	10.798	173	150938	54.228	ug/l	100
73) Isopropylbenzene	10.963	105	964411	54.621	ug/l	100
74) N-amyl acetate	10.841	43	399297	56.697	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	270685	53.670	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	221713m	53.523	ug/l	
77) Bromobenzene	11.195	156	227531	53.727	ug/l	100
78) n-propylbenzene	11.304	91	1145472	54.290	ug/l	100
79) 2-Chlorotoluene	11.359	91	677779	53.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	788518	54.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	87538	54.445	ug/l	100
82) 4-Chlorotoluene	11.451	91	798628	54.249	ug/l	100
83) tert-Butylbenzene	11.713	119	802592	54.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	800479	55.018	ug/l	100
85) sec-Butylbenzene	11.890	105	984328	53.809	ug/l	100
86) p-Isopropyltoluene	12.006	119	829044	54.651	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	427108	53.079	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	423743	51.978	ug/l	100
89) n-Butylbenzene	12.329	91	773506	54.372	ug/l	100
90) Hexachloroethane	12.536	117	146577	54.011	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	408192	53.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	53563	55.328	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	274012	53.926	ug/l	100
94) Hexachlorobutadiene	13.725	225	90816	52.553	ug/l	100
95) Naphthalene	13.774	128	839990	56.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	262282	53.580	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

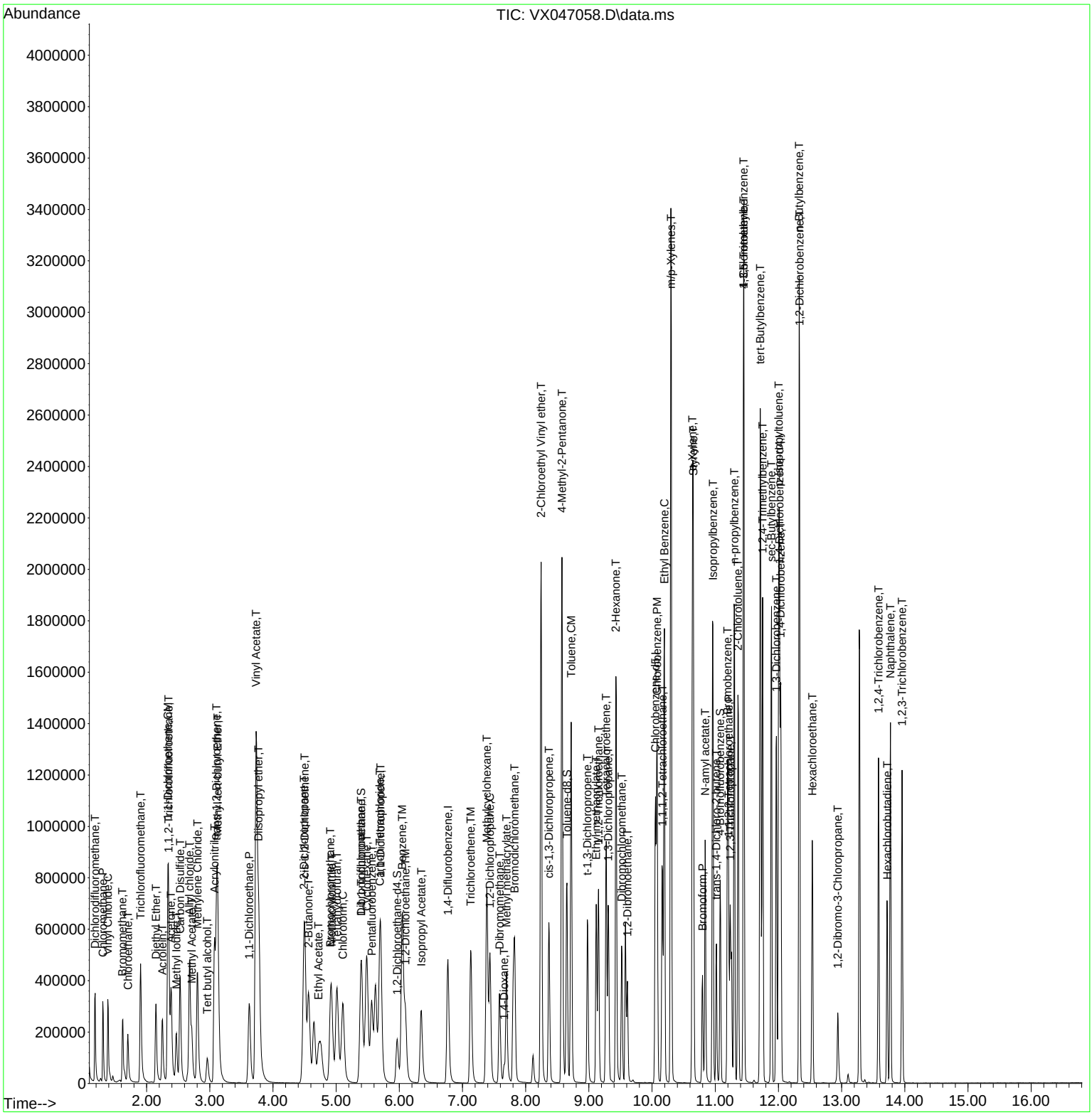
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 03:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	293211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	502636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358189	98.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.140%#			
35) Dibromofluoromethane	5.397	113	304077	97.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.960%#			
50) Toluene-d8	8.653	98	951189	94.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 189.280%#			
62) 4-Bromofluorobenzene	11.079	95	418790	96.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.380%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	422702	108.536	ug/l	98
3) Chloromethane	1.307	50	390958	101.483	ug/l	99
4) Vinyl Chloride	1.386	62	420036	101.428	ug/l	98
5) Bromomethane	1.611	94	207177	92.097	ug/l	96
6) Chloroethane	1.697	64	248151	91.235	ug/l	98
7) Trichlorofluoromethane	1.898	101	618083	100.093	ug/l	99
8) Diethyl Ether	2.148	74	214962	98.730	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	367465	98.771	ug/l	100
10) Methyl Iodide	2.465	142	421251	111.100	ug/l	99
11) Tert butyl alcohol	2.965	59	207609	496.373	ug/l	98
12) 1,1-Dichloroethene	2.337	96	365672	99.237	ug/l	96
13) Acrolein	2.245	56	390297	496.280	ug/l	99
14) Allyl chloride	2.678	41	668038	100.294	ug/l	99
15) Acrylonitrile	3.075	53	895719	514.199	ug/l	99
16) Acetone	2.386	43	680698	465.214	ug/l	99
17) Carbon Disulfide	2.526	76	1045599	98.086	ug/l	100
18) Methyl Acetate	2.715	43	381521	98.118	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1109184	98.907	ug/l	100
20) Methylene Chloride	2.806	84	382904	95.122	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	370810	98.339	ug/l	97
22) Diisopropyl ether	3.770	45	1246566	97.342	ug/l	99
23) Vinyl Acetate	3.733	43	5255654	511.682	ug/l	100
24) 1,1-Dichloroethane	3.623	63	690059	96.903	ug/l	99
25) 2-Butanone	4.562	43	1064894	499.825	ug/l	99
26) 2,2-Dichloropropane	4.489	77	534633	96.986	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	433236	97.026	ug/l	99
28) Bromochloromethane	4.910	49	327531	99.974	ug/l	100
29) Tetrahydrofuran	5.013	42	696538	506.702	ug/l	99
30) Chloroform	5.105	83	688904	95.036	ug/l	98
31) Cyclohexane	5.483	56	644257	94.354	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	610295	96.931	ug/l	99
36) 1,1-Dichloropropene	5.702	75	486962	92.052	ug/l	99
37) Ethyl Acetate	4.721	43	464215	99.573	ug/l	99
38) Carbon Tetrachloride	5.690	117	534117	94.597	ug/l	99
39) Methylcyclohexane	7.385	83	643495	97.426	ug/l	98
40) Benzene	6.050	78	1458721	95.282	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	266722	104.648	ug/l		99
42) 1,2-Dichloroethane	6.092	62	514986	95.493	ug/l		99
43) Isopropyl Acetate	6.342	43	782743	103.002	ug/l		99
44) Trichloroethene	7.129	130	372515	94.887	ug/l		99
45) 1,2-Dichloropropane	7.434	63	364769	95.131	ug/l		97
46) Dibromomethane	7.586	93	262070	97.464	ug/l		100
47) Bromodichloromethane	7.824	83	545715	95.349	ug/l		98
48) Methyl methacrylate	7.696	41	406578	98.210	ug/l		100
49) 1,4-Dioxane	7.659	88	97685	2074.633	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	2213299	490.000	ug/l		100
52) Toluene	8.720	92	900379	95.648	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	550435	101.846	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	595662	100.700	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	333552	94.482	ug/l		99
56) Ethyl methacrylate	9.116	69	546929	104.649	ug/l		99
57) 1,3-Dichloropropane	9.311	76	579525	94.454	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	1489901	512.296	ug/l		100
59) 2-Hexanone	9.433	43	1534390	514.162	ug/l		99
60) Dibromochloromethane	9.519	129	400453	96.718	ug/l		100
61) 1,2-Dibromoethane	9.610	107	350348	94.909	ug/l		99
64) Tetrachloroethene	9.275	164	299042	93.490	ug/l		96
65) Chlorobenzene	10.079	112	988883	95.134	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	338141	96.621	ug/l		99
67) Ethyl Benzene	10.195	91	1752485	96.425	ug/l		99
68) m/p-Xylenes	10.299	106	1302405	191.494	ug/l		99
69) o-Xylene	10.640	106	624795	96.565	ug/l		99
70) Styrene	10.652	104	1072801	96.694	ug/l		100
71) Bromoform	10.799	173	259124	97.473	ug/l	#	99
73) Isopropylbenzene	10.963	105	1645804	99.034	ug/l		100
74) N-amyl acetate	10.841	43	698465	105.369	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	457057	96.283	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	380871m	97.686	ug/l		
77) Bromobenzene	11.195	156	389788	97.789	ug/l		99
78) n-propylbenzene	11.305	91	1945548	97.969	ug/l		99
79) 2-Chlorotoluene	11.366	91	1150165	96.889	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	1340151	97.612	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	158030	104.426	ug/l		97
82) 4-Chlorotoluene	11.451	91	1340796	96.766	ug/l		99
83) tert-Butylbenzene	11.713	119	1347206	97.765	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	1346982	98.362	ug/l		99
85) sec-Butylbenzene	11.890	105	1682208	97.702	ug/l		100
86) p-Isopropyltoluene	12.006	119	1404678	98.379	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	717851	94.782	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	726014	94.617	ug/l		98
89) n-Butylbenzene	12.329	91	1323274	98.826	ug/l		100
90) Hexachloroethane	12.536	117	260929	102.152	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	684462	94.557	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	97209	106.683	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	481866	100.755	ug/l		100
94) Hexachlorobutadiene	13.725	225	165153	101.539	ug/l		98
95) Naphthalene	13.774	128	1474039	105.135	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	464244	100.760	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

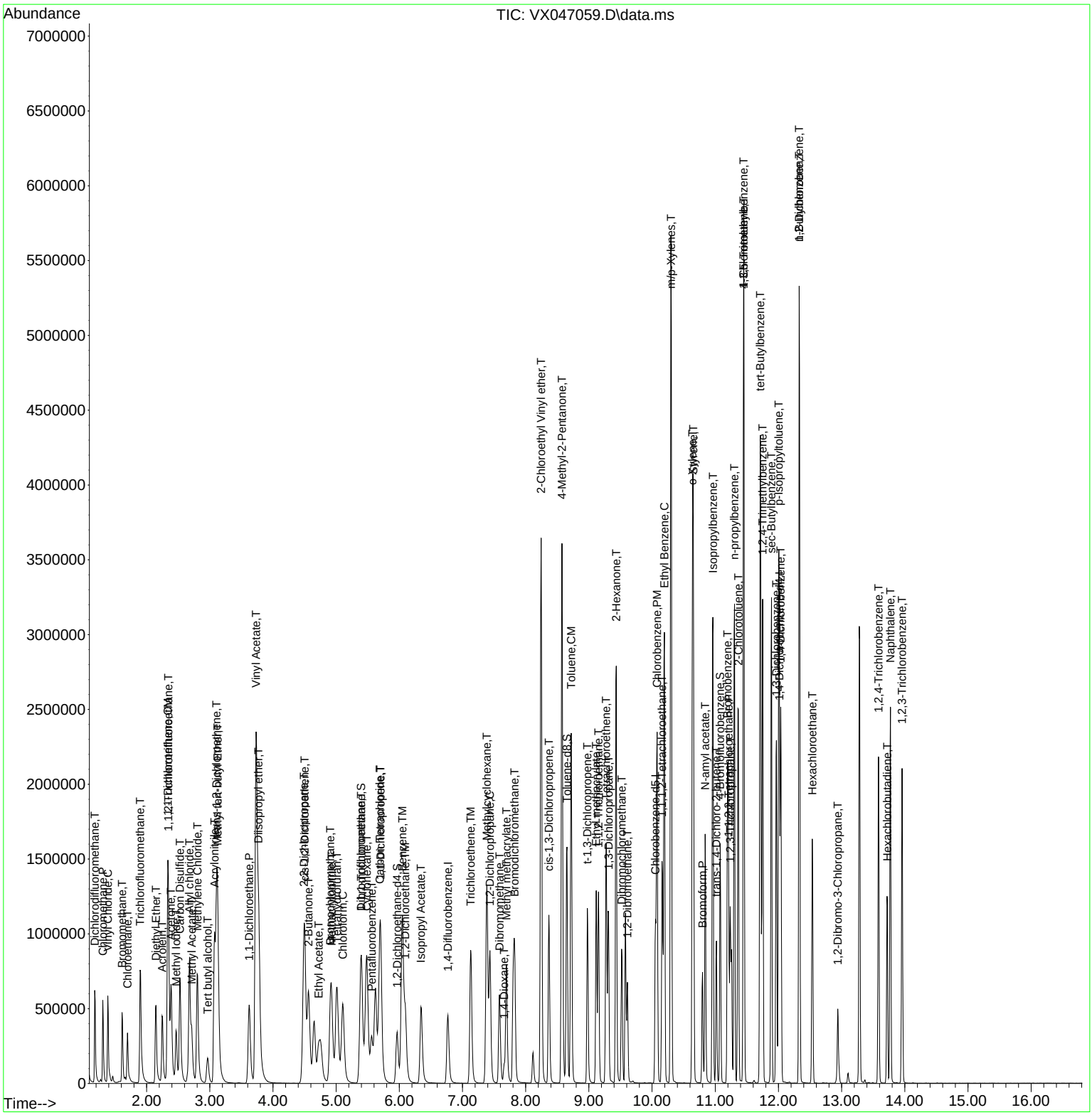
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 03:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.562	168	281238	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475828	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420817	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196123	50.000 ug/l	# 0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.964	65	547497	156.279 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 312.560%#		
35) Dibromofluoromethane	5.397	113	468188	159.361 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 318.720%#		
50) Toluene-d8	8.653	98	1448057	152.197 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.400%#		
62) 4-Bromofluorobenzene	11.079	95	635473	154.987 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.980%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.179	85	614977	164.628 ug/l	99
3) Chloromethane	1.307	50	591309	160.024 ug/l	98
4) Vinyl Chloride	1.386	62	609982	153.566 ug/l	100
5) Bromomethane	1.612	94	260740	120.842 ug/l	96
6) Chloroethane	1.691	64	357637	137.087 ug/l	99
7) Trichlorofluoromethane	1.898	101	903925	152.614 ug/l	99
8) Diethyl Ether	2.148	74	312592	149.683 ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	532594	149.251 ug/l	99
10) Methyl Iodide	2.465	142	640817	176.203 ug/l	99
11) Tert butyl alcohol	2.971	59	299604	752.233 ug/l	97
12) 1,1-Dichloroethene	2.331	96	527730	149.314 ug/l	98
13) Acrolein	2.246	56	563218	746.645 ug/l	99
14) Allyl chloride	2.678	41	964459	150.960 ug/l	99
15) Acrylonitrile	3.075	53	1274179	762.599 ug/l	99
16) Acetone	2.392	43	975640	695.175 ug/l	100
17) Carbon Disulfide	2.526	76	1523226	148.974 ug/l	99
18) Methyl Acetate	2.715	43	558406	149.722 ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1616941	150.323 ug/l	99
20) Methylene Chloride	2.800	84	548865	142.156 ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	533003	147.371 ug/l	97
22) Diisopropyl ether	3.770	45	1792018	145.892 ug/l	97
23) Vinyl Acetate	3.733	43	7515505	762.847 ug/l	99
24) 1,1-Dichloroethane	3.623	63	1006940	147.421 ug/l	99
25) 2-Butanone	4.562	43	1525049	746.280 ug/l	98
26) 2,2-Dichloropropane	4.489	77	790347	149.478 ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	627302	146.469 ug/l	99
28) Bromochloromethane	4.910	49	464333	147.764 ug/l	100
29) Tetrahydrofuran	5.013	42	995703	755.168 ug/l	99
30) Chloroform	5.105	83	982491	141.308 ug/l	97
31) Cyclohexane	5.483	56	928560	141.781 ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	892102	147.721 ug/l	98
36) 1,1-Dichloropropene	5.702	75	707227	141.221 ug/l	99
37) Ethyl Acetate	4.721	43	664604	150.587 ug/l	99
38) Carbon Tetrachloride	5.690	117	771081	144.260 ug/l	99
39) Methylcyclohexane	7.385	83	932504	149.137 ug/l	98
40) Benzene	6.044	78	2112753	145.777 ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	373711	154.886	ug/l		98
42) 1,2-Dichloroethane	6.092	62	737991	144.555	ug/l		99
43) Isopropyl Acetate	6.342	43	1145157	159.182	ug/l		99
44) Trichloroethene	7.129	130	547123	147.215	ug/l		97
45) 1,2-Dichloropropane	7.434	63	529204	145.791	ug/l		97
46) Dibromomethane	7.586	93	381666	149.938	ug/l		99
47) Bromodichloromethane	7.824	83	794793	146.693	ug/l		99
48) Methyl methacrylate	7.696	41	589190	150.339	ug/l		99
49) 1,4-Dioxane	7.665	88	141473	3173.881	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	3143746	735.203	ug/l		100
52) Toluene	8.720	92	1298426	145.703	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	802670	156.884	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	876033	156.442	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	478247	143.101	ug/l		99
56) Ethyl methacrylate	9.116	69	791875	160.053	ug/l		99
57) 1,3-Dichloropropane	9.305	76	823631	141.802	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	2120903	770.350	ug/l		99
59) 2-Hexanone	9.433	43	2172764	769.096	ug/l		99
60) Dibromochloromethane	9.519	129	583183	148.786	ug/l		99
61) 1,2-Dibromoethane	9.610	107	500995	143.366	ug/l		99
64) Tetrachloroethene	9.275	164	433805	142.999	ug/l		98
65) Chlorobenzene	10.079	112	1432482	145.306	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	495347	149.242	ug/l		98
67) Ethyl Benzene	10.195	91	2508990	145.559	ug/l		100
68) m/p-Xylenes	10.299	106	1848008	286.495	ug/l		98
69) o-Xylene	10.640	106	897705	146.292	ug/l		100
70) Styrene	10.653	104	1538516	146.214	ug/l		99
71) Bromoform	10.799	173	377881	149.877	ug/l	#	100
73) Isopropylbenzene	10.963	105	2341028	151.299	ug/l		99
74) N-amyl acetate	10.842	43	1017450	164.856	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	649081	146.858	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	542883m	149.549	ug/l		
77) Bromobenzene	11.195	156	555966	149.806	ug/l		99
78) n-propylbenzene	11.305	91	2790577	150.924	ug/l		99
79) 2-Chlorotoluene	11.366	91	1641174	148.487	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	1921023	150.280	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	234105	166.150	ug/l		95
82) 4-Chlorotoluene	11.451	91	1901346	147.381	ug/l		99
83) tert-Butylbenzene	11.713	119	1941048	151.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	1923088	150.829	ug/l		100
85) sec-Butylbenzene	11.890	105	2386553	148.873	ug/l		100
86) p-Isopropyltoluene	12.006	119	2001346	150.546	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	1044993	148.192	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	1039670	145.525	ug/l		98
89) n-Butylbenzene	12.329	91	1874924	150.392	ug/l		99
90) Hexachloroethane	12.536	117	376780	158.429	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	994860	147.614	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	142395	167.843	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	691853	155.373	ug/l		100
94) Hexachlorobutadiene	13.725	225	224504	148.249	ug/l		97
95) Naphthalene	13.774	128	2171681	166.363	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	662501	154.436	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
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 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

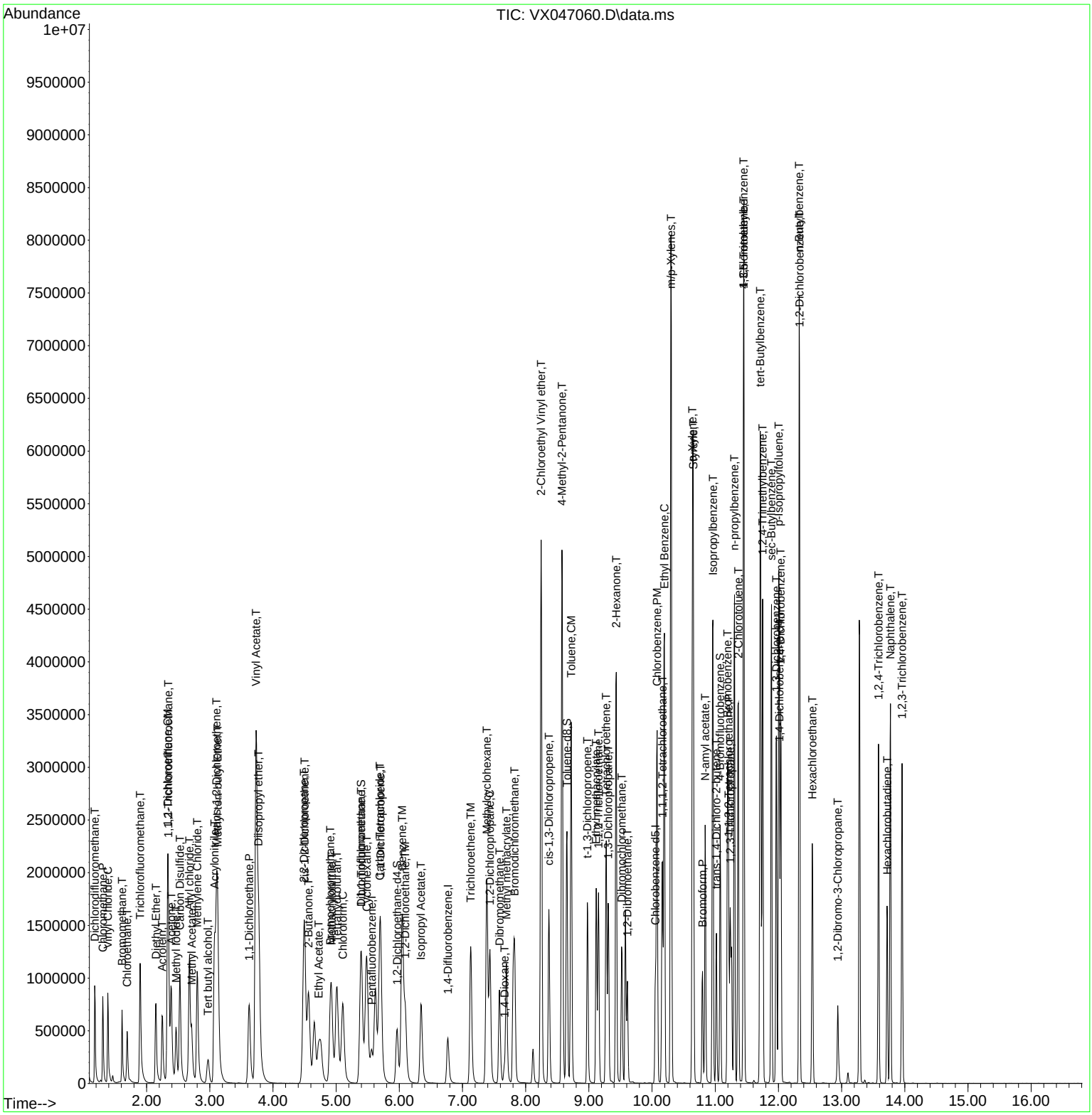
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 03:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	353932	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	594788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	516907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176451	40.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.040%		
35) Dibromofluoromethane	5.385	113	155150	42.247	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.500%		
50) Toluene-d8	8.647	98	476939	40.102	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.200%#		
62) 4-Bromofluorobenzene	11.079	95	209003	40.779	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.560%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	240944	51.252	ug/l	99
3) Chloromethane	1.307	50	220344	47.383	ug/l	100
4) Vinyl Chloride	1.386	62	244133	48.838	ug/l	100
5) Bromomethane	1.618	94	153243	56.435	ug/l	97
6) Chloroethane	1.703	64	146679	44.676	ug/l	96
7) Trichlorofluoromethane	1.904	101	354446	47.552	ug/l	96
8) Diethyl Ether	2.142	74	122150	46.477	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	211536	47.104	ug/l	99
10) Methyl Iodide	2.465	142	206176	45.047	ug/l	97
11) Tert butyl alcohol	2.953	59	107694	207.194	ug/l	99
12) 1,1-Dichloroethene	2.331	96	207074	46.555	ug/l	98
13) Acrolein	2.245	56	197909	208.477	ug/l	99
14) Allyl chloride	2.678	41	375824	46.743	ug/l	99
15) Acrylonitrile	3.069	53	485401	230.845	ug/l	100
16) Acetone	2.386	43	407681	230.823	ug/l	95
17) Carbon Disulfide	2.526	76	588590	45.742	ug/l	99
18) Methyl Acetate	2.709	43	206733	44.045	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	613097	45.291	ug/l	98
20) Methylene Chloride	2.800	84	218853	45.041	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	210229	46.188	ug/l	98
22) Diisopropyl ether	3.764	45	712919	46.119	ug/l	96
23) Vinyl Acetate	3.727	43	2900485	233.940	ug/l	100
24) 1,1-Dichloroethane	3.617	63	388232	45.165	ug/l	100
25) 2-Butanone	4.556	43	562934	218.892	ug/l	100
26) 2,2-Dichloropropane	4.483	77	308018	46.290	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	242036	44.906	ug/l	99
28) Bromochloromethane	4.904	49	186533	47.168	ug/l	100
29) Tetrahydrofuran	5.001	42	360837	217.460	ug/l	99
30) Chloroform	5.093	83	382651	43.731	ug/l	100
31) Cyclohexane	5.477	56	359502	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	336918	44.331	ug/l	99
36) 1,1-Dichloropropene	5.696	75	272074	43.463	ug/l	99
37) Ethyl Acetate	4.715	43	244468	42.381	ug/l	99
38) Carbon Tetrachloride	5.678	117	295708	44.259	ug/l	98
39) Methylcyclohexane	7.379	83	344962	44.136	ug/l	99
40) Benzene	6.038	78	802625	44.304	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	138183	45.816	ug/l	97
42) 1,2-Dichloroethane	6.086	62	283205	44.378	ug/l	99
43) Isopropyl Acetate	6.336	43	409733	45.564	ug/l	99
44) Trichloroethene	7.123	130	202817	43.658	ug/l	98
45) 1,2-Dichloropropane	7.428	63	200065	44.093	ug/l	98
46) Dibromomethane	7.580	93	143569	45.121	ug/l	99
47) Bromodichloromethane	7.818	83	301133	44.463	ug/l	99
48) Methyl methacrylate	7.690	41	208228	42.505	ug/l	99
49) 1,4-Dioxane	7.653	88	51080m	916.760	ug/l	
51) 4-Methyl-2-Pentanone	8.568	43	1164013	217.774	ug/l	100
52) Toluene	8.714	92	498799	44.778	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	290633	45.444	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	322967	46.140	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	180762	43.270	ug/l	99
56) Ethyl methacrylate	9.116	69	286552	46.334	ug/l	100
57) 1,3-Dichloropropane	9.305	76	314736	43.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	774980	225.188	ug/l	100
59) 2-Hexanone	9.427	43	807822	228.755	ug/l	100
60) Dibromochloromethane	9.519	129	216749	44.239	ug/l	100
61) 1,2-Dibromoethane	9.604	107	188713	43.202	ug/l	99
64) Tetrachloroethene	9.269	164	164447	44.131	ug/l	96
65) Chlorobenzene	10.073	112	536664	44.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	181544	44.529	ug/l	99
67) Ethyl Benzene	10.189	91	952288	44.977	ug/l	100
68) m/p-Xylenes	10.299	106	709639	89.564	ug/l	100
69) o-Xylene	10.640	106	341662	45.328	ug/l	99
70) Styrene	10.653	104	589610	45.618	ug/l	100
71) Bromoform	10.799	173	136594	44.106	ug/l	100
73) Isopropylbenzene	10.957	105	903154	46.708	ug/l	100
74) N-amyl acetate	10.842	43	360744	46.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	248756	45.037	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209195m	46.113	ug/l	
77) Bromobenzene	11.195	156	215391	46.441	ug/l	98
78) n-propylbenzene	11.299	91	1081658	46.812	ug/l	100
79) 2-Chlorotoluene	11.360	91	631252	45.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	737827	46.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	79906	45.380	ug/l	97
82) 4-Chlorotoluene	11.451	91	749299	46.476	ug/l	99
83) tert-Butylbenzene	11.713	119	752650	46.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	744757	46.741	ug/l	99
85) sec-Butylbenzene	11.890	105	934198	46.632	ug/l	99
86) p-Isopropyltoluene	12.006	119	773508	46.560	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	400520	45.450	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	398497	44.634	ug/l	98
89) n-Butylbenzene	12.329	91	735386	47.201	ug/l	99
90) Hexachloroethane	12.536	117	138697	46.667	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	373286	44.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47608	44.904	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	261487	46.990	ug/l	99
94) Hexachlorobutadiene	13.725	225	86113	45.502	ug/l	99
95) Naphthalene	13.774	128	755367	46.304	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	241137	44.980	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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

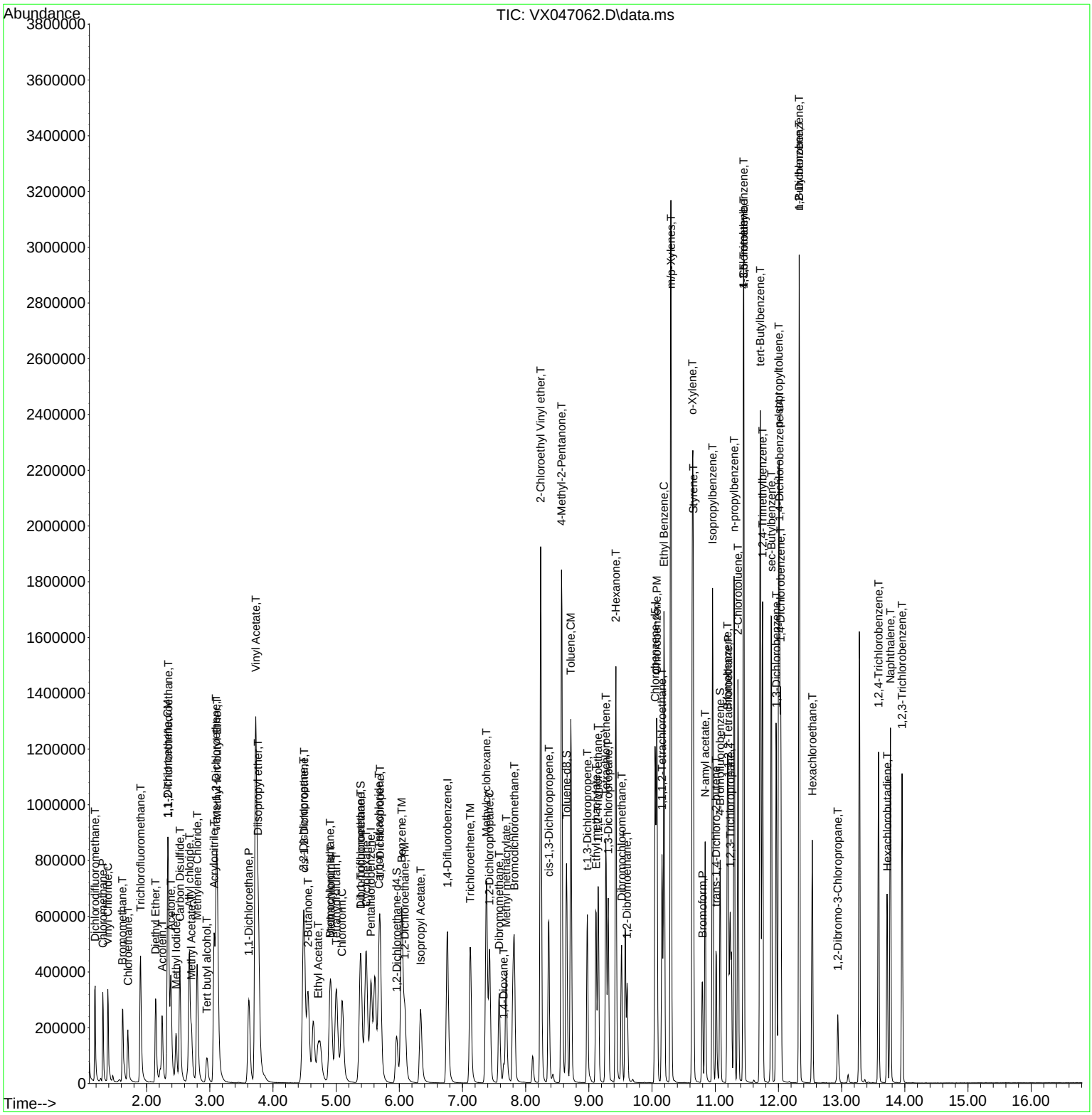
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	114	-0.01
2	T	Dichlorodifluoromethane	50.000	51.252	-2.5	101	0.00
3	P	Chloromethane	50.000	47.383	5.2	102	0.00
4	C	Vinyl Chloride	50.000	48.838	2.3#	101	0.00
5	T	Bromomethane	50.000	56.435	-12.9	110	0.00
6	T	Chloroethane	50.000	44.676	10.6	101	0.00
7	T	Trichlorofluoromethane	50.000	47.552	4.9	99	0.00
8	T	Diethyl Ether	50.000	46.477	7.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.104	5.8	101	0.00
10	T	Methyl Iodide	50.000	45.047	9.9	91	0.00
11	T	Tert butyl alcohol	250.000	207.194	17.1	95	0.00
12	CM	1,1-Dichloroethene	50.000	46.555	6.9#	99	0.00
13	T	Acrolein	250.000	208.477	16.6	92	0.00
14	T	Allyl chloride	50.000	46.743	6.5	98	0.00
15	T	Acrylonitrile	250.000	230.845	7.7	95	0.00
16	T	Acetone	250.000	230.823	7.7	105	0.00
17	T	Carbon Disulfide	50.000	45.742	8.5	98	0.00
18	T	Methyl Acetate	50.000	44.045	11.9	97	0.00
19	T	Methyl tert-butyl Ether	50.000	45.291	9.4	96	0.00
20	T	Methylene Chloride	50.000	45.041	9.9	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.188	7.6	98	0.00
22	T	Diisopropyl ether	50.000	46.119	7.8	97	0.00
23	T	Vinyl Acetate	250.000	233.940	6.4	97	0.00
24	P	1,1-Dichloroethane	50.000	45.165	9.7	96	0.00
25	T	2-Butanone	250.000	218.892	12.4	93	0.00
26	T	2,2-Dichloropropane	50.000	46.290	7.4	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.906	10.2	97	0.00
28	T	Bromochloromethane	50.000	47.168	5.7	99	0.00
29	T	Tetrahydrofuran	250.000	217.460	13.0	91	-0.01
30	C	Chloroform	50.000	43.731	12.5#	96	-0.01
31	T	Cyclohexane	50.000	43.618	12.8	96	0.00
32	T	1,1,1-Trichloroethane	50.000	44.331	11.3	97	-0.01
33	S	1,2-Dichloroethane-d4	50.000	40.022	20.0	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	42.247	15.5	102	-0.01
36	T	1,1-Dichloropropene	50.000	43.463	13.1	96	0.00
37	T	Ethyl Acetate	50.000	42.381	15.2	93	0.00
38	T	Carbon Tetrachloride	50.000	44.259	11.5	96	-0.01
39	T	Methylcyclohexane	50.000	44.136	11.7	96	0.00
40	TM	Benzene	50.000	44.304	11.4	94	0.00
41	T	Methacrylonitrile	50.000	45.816	8.4	92	-0.01
42	TM	1,2-Dichloroethane	50.000	44.378	11.2	95	-0.01
43	T	Isopropyl Acetate	50.000	45.564	8.9	93	-0.01
44	TM	Trichloroethene	50.000	43.658	12.7	94	0.00
45	C	1,2-Dichloropropane	50.000	44.093	11.8#	95	0.00
46	T	Dibromomethane	50.000	45.121	9.8	95	0.00
47	T	Bromodichloromethane	50.000	44.463	11.1	94	0.00
48	T	Methyl methacrylate	50.000	42.505	15.0	92	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	916.760	8.3	95	0.00
50	S	Toluene-d8	50.000	40.102	19.8	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.774	12.9	91	0.00
52	CM	Toluene	50.000	44.778	10.4#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	45.444	9.1	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.140	7.7	96	0.00
55	T	1,1,2-Trichloroethane	50.000	43.270	13.5	93	0.00
56	T	Ethyl methacrylate	50.000	46.334	7.3	93	0.00
57	T	1,3-Dichloropropane	50.000	43.350	13.3	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.188	9.9	93	0.00
59	T	2-Hexanone	250.000	228.755	8.5	91	0.00
60	T	Dibromochloromethane	50.000	44.239	11.5	95	0.00
61	T	1,2-Dibromoethane	50.000	43.202	13.6	92	0.00
62	S	4-Bromofluorobenzene	50.000	40.779	18.4	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	44.131	11.7	94	0.00
65	PM	Chlorobenzene	50.000	44.318	11.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.529	10.9	93	0.00
67	C	Ethyl Benzene	50.000	44.977	10.0#	93	0.00
68	T	m/p-Xylenes	100.000	89.564	10.4	93	0.00
69	T	o-Xylene	50.000	45.328	9.3	94	0.00
70	T	Styrene	50.000	45.618	8.8	93	0.00
71	P	Bromoform	50.000	44.106	11.8	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	46.708	6.6	94	0.00
74	T	N-amyl acetate	50.000	46.238	7.5	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.037	9.9	92	0.00
76	T	1,2,3-Trichloropropane	50.000	46.113	7.8	94	0.00
77	T	Bromobenzene	50.000	46.441	7.1	95	0.00
78	T	n-propylbenzene	50.000	46.812	6.4	94	0.00
79	T	2-Chlorotoluene	50.000	45.702	8.6	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.187	7.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.380	9.2	91	0.00
82	T	4-Chlorotoluene	50.000	46.476	7.0	94	0.00
83	T	tert-Butylbenzene	50.000	46.942	6.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.741	6.5	93	0.00
85	T	sec-Butylbenzene	50.000	46.632	6.7	95	0.00
86	T	p-Isopropyltoluene	50.000	46.560	6.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	45.450	9.1	94	0.00
88	T	1,4-Dichlorobenzene	50.000	44.634	10.7	94	0.00
89	T	n-Butylbenzene	50.000	47.201	5.6	95	0.00
90	T	Hexachloroethane	50.000	46.667	6.7	95	0.00
91	T	1,2-Dichlorobenzene	50.000	44.320	11.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.904	10.2	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.990	6.0	95	0.00
94	T	Hexachlorobutadiene	50.000	45.502	9.0	95	0.00
95	T	Naphthalene	50.000	46.304	7.4	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	44.980	10.0	92	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\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	114	-0.01
2	T	Dichlorodifluoromethane	0.664	0.681	-2.6	101	0.00
3	P	Chloromethane	0.657	0.623	5.2	102	0.00
4	C	Vinyl Chloride	0.706	0.690	2.3#	101	0.00
5	T	Bromomethane	0.384	0.433	-12.8	110	0.00
6	T	Chloroethane	0.464	0.414	10.8	101	0.00
7	T	Trichlorofluoromethane	1.053	1.001	4.9	99	0.00
8	T	Diethyl Ether	0.371	0.345	7.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.598	5.7	101	0.00
10	T	Methyl Iodide	0.647	0.583	9.9	91	0.00
11	T	Tert butyl alcohol	0.080	0.061	23.8	95	0.00
12	CM	1,1-Dichloroethene	0.628	0.585	6.8#	99	0.00
13	T	Acrolein	0.134	0.112	16.4	92	0.00
14	T	Allyl chloride	1.136	1.062	6.5	98	0.00
15	T	Acrylonitrile	0.297	0.274	7.7	95	0.00
16	T	Acetone	0.250	0.230	8.0	105	0.00
17	T	Carbon Disulfide	1.818	1.663	8.5	98	0.00
18	T	Methyl Acetate	0.663	0.584	11.9	97	0.00
19	T	Methyl tert-butyl Ether	1.912	1.732	9.4	96	0.00
20	T	Methylene Chloride	0.686	0.618	9.9	98	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.594	7.6	98	0.00
22	T	Diisopropyl ether	2.184	2.014	7.8	97	0.00
23	T	Vinyl Acetate	1.752	1.639	6.4	97	0.00
24	P	1,1-Dichloroethane	1.214	1.097	9.6	96	0.00
25	T	2-Butanone	0.363	0.318	12.4	93	0.00
26	T	2,2-Dichloropropane	0.940	0.870	7.4	102	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.684	10.1	97	0.00
28	T	Bromochloromethane	0.559	0.527	5.7	99	0.00
29	T	Tetrahydrofuran	0.234	0.204	12.8	91	-0.01
30	C	Chloroform	1.236	1.081	12.5#	96	-0.01
31	T	Cyclohexane	1.164	1.016	12.7	96	0.00
32	T	1,1,1-Trichloroethane	1.074	0.952	11.4	97	-0.01
33	S	1,2-Dichloroethane-d4	0.623	0.499	19.9	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35	S	Dibromofluoromethane	0.309	0.261	15.5	102	-0.01
36	T	1,1-Dichloropropene	0.526	0.457	13.1	96	0.00
37	T	Ethyl Acetate	0.485	0.411	15.3	93	0.00
38	T	Carbon Tetrachloride	0.562	0.497	11.6	96	-0.01
39	T	Methylcyclohexane	0.657	0.580	11.7	96	0.00
40	TM	Benzene	1.523	1.349	11.4	94	0.00
41	T	Methacrylonitrile	0.254	0.232	8.7	92	-0.01
42	TM	1,2-Dichloroethane	0.536	0.476	11.2	95	-0.01
43	T	Isopropyl Acetate	0.756	0.689	8.9	93	-0.01
44	TM	Trichloroethene	0.391	0.341	12.8	94	0.00
45	C	1,2-Dichloropropane	0.381	0.336	11.8#	95	0.00
46	T	Dibromomethane	0.267	0.241	9.7	95	0.00
47	T	Bromodichloromethane	0.569	0.506	11.1	94	0.00
48	T	Methyl methacrylate	0.412	0.350	15.0	92	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	0.005	0.004	20.0	95	0.00
50	S	Toluene-d8	1.000	0.802	19.8	100	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.391	12.9	91	0.00
52	CM	Toluene	0.936	0.839	10.4#	95	0.00
53	T	t-1,3-Dichloropropene	0.538	0.489	9.1	95	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.543	7.7	96	0.00
55	T	1,1,2-Trichloroethane	0.351	0.304	13.4	93	0.00
56	T	Ethyl methacrylate	0.520	0.482	7.3	93	0.00
57	T	1,3-Dichloropropane	0.610	0.529	13.3	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.261	9.7	93	0.00
59	T	2-Hexanone	0.297	0.272	8.4	91	0.00
60	T	Dibromochloromethane	0.412	0.364	11.7	95	0.00
61	T	1,2-Dibromoethane	0.367	0.317	13.6	92	0.00
62	S	4-Bromofluorobenzene	0.431	0.351	18.6	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64	T	Tetrachloroethene	0.360	0.318	11.7	94	0.00
65	PM	Chlorobenzene	1.171	1.038	11.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.351	10.9	93	0.00
67	C	Ethyl Benzene	2.048	1.842	10.1#	93	0.00
68	T	m/p-Xylenes	0.766	0.686	10.4	93	0.00
69	T	o-Xylene	0.729	0.661	9.3	94	0.00
70	T	Styrene	1.250	1.141	8.7	93	0.00
71	P	Bromoform	0.300	0.264	12.0	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73	T	Isopropylbenzene	3.945	3.685	6.6	94	0.00
74	T	N-amyl acetate	1.592	1.472	7.5	90	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.015	9.9	92	0.00
76	T	1,2,3-Trichloropropane	0.925	0.854	7.7	94	0.00
77	T	Bromobenzene	0.946	0.879	7.1	95	0.00
78	T	n-propylbenzene	4.714	4.413	6.4	94	0.00
79	T	2-Chlorotoluene	2.818	2.576	8.6	93	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.010	7.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.326	9.2	91	0.00
82	T	4-Chlorotoluene	3.289	3.057	7.1	94	0.00
83	T	tert-Butylbenzene	3.271	3.071	6.1	94	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.039	6.5	93	0.00
85	T	sec-Butylbenzene	4.087	3.812	6.7	95	0.00
86	T	p-Isopropyltoluene	3.389	3.156	6.9	93	0.00
87	T	1,3-Dichlorobenzene	1.798	1.634	9.1	94	0.00
88	T	1,4-Dichlorobenzene	1.821	1.626	10.7	94	0.00
89	T	n-Butylbenzene	3.178	3.000	5.6	95	0.00
90	T	Hexachloroethane	0.606	0.566	6.6	95	0.00
91	T	1,2-Dichlorobenzene	1.718	1.523	11.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.194	10.2	89	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.067	6.0	95	0.00
94	T	Hexachlorobutadiene	0.386	0.351	9.1	95	0.00
95	T	Naphthalene	3.328	3.082	7.4	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072125

Quant Time: Jul 22 04:01:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 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	1.094	0.984	10.1	92	0.00

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

Raw Data: **VX047202.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:	CHEM02
Lab Code:	ACE	SDG No.:	Q2744
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/01/2025 10:22
Lab File ID:	VX047202.D	Init. Calib. Date(s):	07/21/2025 07/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.590		-11.15	20
Chloromethane	0.657	0.535	0.1	-18.57	20
Vinyl Chloride	0.706	0.648		-8.22	20
Ethyl Acetate	0.485	0.477		-1.65	20
Bromomethane	0.384	0.348		-9.38	20
Chloroethane	0.464	0.382		-17.67	20
Trichlorofluoromethane	1.053	0.974		-7.5	20
1,1,2-Trichlorotrifluoroethane	0.634	0.578		-8.83	20
Tert butyl alcohol	0.080	0.069		-13.75	20
1,1-Dichloroethene	0.628	0.571		-9.08	20
Acrolein	0.134	0.132		-1.49	20
Acrylonitrile	0.297	0.308		3.7	20
Acetone	0.250	0.273		9.2	20
Carbon Disulfide	1.818	1.444		-20.57	20
Methyl tert-butyl Ether	1.912	2.076		8.58	20
Methyl Acetate	0.663	0.824		24.28	20
Methylene Chloride	0.686	0.683		-0.44	20
trans-1,2-Dichloroethene	0.643	0.601		-6.53	20
Vinyl Acetate	1.752	1.882		7.42	20
1,1-Dichloroethane	1.214	1.215	0.1	0.08	20
Cyclohexane	1.164	0.965		-17.1	20
2-Butanone	0.363	0.371		2.2	20
Carbon Tetrachloride	0.562	0.496		-11.74	20
2,2-Dichloropropane	0.940	0.915		-2.66	20
cis-1,2-Dichloroethene	0.761	0.764		0.39	20
Bromochloromethane	0.559	0.657		17.53	20
Chloroform	1.236	1.249		1.05	20
1,1,1-Trichloroethane	1.074	1.013		-5.68	20
Methylcyclohexane	0.657	0.545		-17.05	20
1,1-Dichloropropene	0.526	0.437		-16.92	20
Benzene	1.523	1.415		-7.09	20
1,2-Dichloroethane	0.536	0.541		0.93	20
Trichloroethene	0.391	0.346		-11.51	20
1,2-Dichloropropane	0.381	0.375		-1.58	20
Dibromomethane	0.267	0.271		1.5	20
Bromodichloromethane	0.569	0.581		2.11	20
4-Methyl-2-Pentanone	0.449	0.446		-0.67	20
Toluene	0.936	0.871		-6.94	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: **VX047202.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q2744
Instrument ID: MSVOA_X
Calibration Date/Time: 08/01/2025 10:22
Lab File ID: VX047202.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.538	0.551		2.42	20
cis-1,3-Dichloropropene	0.588	0.591		0.51	20
1,1,2-Trichloroethane	0.351	0.359		2.28	20
1,3-Dichloropropane	0.610	0.610		0	20
2-Chloroethyl Vinyl ether	0.289	0.295		2.08	20
2-Hexanone	0.297	0.300		1.01	20
Dibromochloromethane	0.412	0.428		3.88	20
1,2-Dibromoethane	0.367	0.366		-0.27	20
Tetrachloroethene	0.360	0.305		-15.28	20
Chlorobenzene	1.171	1.093	0.3	-6.66	20
1,1,1,2-Tetrachloroethane	0.394	0.390		-1.01	20
Hexachloroethane	0.606	0.567		-6.44	20
Ethyl Benzene	2.048	1.881		-8.15	20
m/p-Xylenes	0.766	0.696		-9.14	20
o-Xylene	0.729	0.691		-5.21	20
Styrene	1.250	1.216		-2.72	20
Bromoform	0.300	0.300	0.1	0	20
Isopropylbenzene	3.945	3.600		-8.74	20
1,1,2,2-Tetrachloroethane	1.127	1.112	0.3	-1.33	20
1,2,3-Trichloropropane	0.925	0.914		-1.19	20
Bromobenzene	0.946	0.891		-5.81	20
n-propylbenzene	4.714	4.274		-9.33	20
2-Chlorotoluene	2.818	2.596		-7.88	20
1,3,5-Trimethylbenzene	3.259	3.005		-7.79	20
4-Chlorotoluene	3.289	3.085		-6.2	20
tert-Butylbenzene	3.271	3.067		-6.24	20
1,2,4-Trimethylbenzene	3.251	3.032		-6.74	20
sec-Butylbenzene	4.087	3.710		-9.22	20
p-Isopropyltoluene	3.389	3.126		-7.76	20
1,3-Dichlorobenzene	1.798	1.665		-7.4	20
1,4-Dichlorobenzene	1.821	1.678		-7.85	20
n-Butylbenzene	3.178	2.897		-8.84	20
1,2-Dichlorobenzene	1.718	1.608		-6.4	20
1,2-Dibromo-3-Chloropropane	0.216	0.218		0.93	20
1,2,4-Trichlorobenzene	1.135	1.108		-2.38	20
Hexachlorobutadiene	0.386	0.396		2.59	20
Naphthalene	3.328	3.344		0.48	20
1,2,3-Trichlorobenzene	1.094	1.072		-2.01	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: **VX047202.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CHEM02
Lab Code:	ACE	SDG No.:	Q2744
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/01/2025 10:22
Lab File ID:	VX047202.D	Init. Calib. Date(s):	07/21/2025 07/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.677		8.67	20
Dibromofluoromethane	0.309	0.325		5.18	20
Toluene-d8	1.000	0.928		-7.2	20
4-Bromofluorobenzene	0.431	0.443		2.78	20

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

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	249274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	396034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168777	54.354	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.391	113	143030	52.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	407877	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.840%			
62) 4-Bromofluorobenzene	11.079	95	194873	51.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	147130	44.437	ug/l	100
3) Chloromethane	1.313	50	133422	40.738	ug/l	99
4) Vinyl Chloride	1.392	62	161551	45.886	ug/l	99
5) Bromomethane	1.630	94	86835	45.405	ug/l	92
6) Chloroethane	1.703	64	95243	41.189	ug/l	98
7) Trichlorofluoromethane	1.904	101	242797	46.249	ug/l	97
8) Diethyl Ether	2.142	74	96947	52.375	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	144034	45.539	ug/l	99
10) Methyl Iodide	2.471	142	228722	70.955	ug/l	99
11) Tert butyl alcohol	2.953	59	85546	235.055	ug/l	99
12) 1,1-Dichloroethene	2.337	96	142309	45.427	ug/l	98
13) Acrolein	2.245	56	164530	246.082	ug/l	100
14) Allyl chloride	2.678	41	254142	44.880	ug/l	95
15) Acrylonitrile	3.075	53	384397	259.563	ug/l	100
16) Acetone	2.386	43	340379	273.630	ug/l	99
17) Carbon Disulfide	2.526	76	359875	39.710	ug/l	99
18) Methyl Acetate	2.709	43	205309	62.107	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	517463	54.276	ug/l	99
20) Methylene Chloride	2.800	84	170284	49.759	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	149747	46.713	ug/l	95
22) Diisopropyl ether	3.763	45	581939	53.452	ug/l	97
23) Vinyl Acetate	3.727	43	2346066	268.668	ug/l	100
24) 1,1-Dichloroethane	3.617	63	302985	50.046	ug/l	100
25) 2-Butanone	4.556	43	462917	255.575	ug/l	99
26) 2,2-Dichloropropane	4.483	77	228054	48.663	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	190537	50.193	ug/l	99
28) Bromochloromethane	4.903	49	163712	58.778	ug/l	100
29) Tetrahydrofuran	5.013	42	275582	235.810	ug/l	96
30) Chloroform	5.099	83	311367	50.525	ug/l	100
31) Cyclohexane	5.477	56	240661	41.458	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	252506	47.173	ug/l	99
36) 1,1-Dichloropropene	5.696	75	191984	41.507	ug/l	99
37) Ethyl Acetate	4.715	43	209532	49.162	ug/l	99
38) Carbon Tetrachloride	5.678	117	218001	44.159	ug/l	96
39) Methylcyclohexane	7.379	83	239537	41.478	ug/l	98
40) Benzene	6.044	78	621771	46.450	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	108376	48.632	ug/l		94
42) 1,2-Dichloroethane	6.086	62	237943	50.462	ug/l		99
43) Isopropyl Acetate	6.336	43	339645	51.117	ug/l		98
44) Trichloroethene	7.129	130	152188	44.336	ug/l		99
45) 1,2-Dichloropropane	7.427	63	164759	49.144	ug/l		92
46) Dibromomethane	7.580	93	119052	50.638	ug/l		99
47) Bromodichloromethane	7.818	83	255281	51.014	ug/l		99
48) Methyl methacrylate	7.690	41	176657	48.805	ug/l		99
49) 1,4-Dioxane	7.720	88	36680	890.960	ug/l	#	76
51) 4-Methyl-2-Pentanone	8.567	43	980486	248.264	ug/l		99
52) Toluene	8.714	92	382580	46.482	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	242189	51.252	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	259734	50.220	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	157727	51.099	ug/l		97
56) Ethyl methacrylate	9.116	69	239580	52.429	ug/l		99
57) 1,3-Dichloropropane	9.305	76	267996	49.956	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	647878	254.784	ug/l		99
59) 2-Hexanone	9.427	43	659837	252.881	ug/l		99
60) Dibromochloromethane	9.519	129	188141	51.970	ug/l		100
61) 1,2-Dibromoethane	9.604	107	160768	49.811	ug/l		100
64) Tetrachloroethene	9.275	164	120939	42.361	ug/l		97
65) Chlorobenzene	10.079	112	432685	46.637	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	154408	49.432	ug/l		99
67) Ethyl Benzene	10.189	91	745099	45.932	ug/l		99
68) m/p-Xylenes	10.299	106	551606	90.866	ug/l		100
69) o-Xylene	10.640	106	273774	47.407	ug/l		99
70) Styrene	10.652	104	481629	48.636	ug/l		99
71) Bromoform	10.799	173	119008	50.155	ug/l	#	100
73) Isopropylbenzene	10.957	105	703009	45.633	ug/l		100
74) N-amyl acetate	10.841	43	300736	48.381	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	217115	49.338	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	178451m	49.373	ug/l		
77) Bromobenzene	11.195	156	173980	47.084	ug/l		99
78) n-propylbenzene	11.299	91	834507	45.330	ug/l		99
79) 2-Chlorotoluene	11.360	91	506991	46.071	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	586816	46.106	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	47022	33.518	ug/l		99
82) 4-Chlorotoluene	11.451	91	602449	46.902	ug/l		99
83) tert-Butylbenzene	11.713	119	598916	46.884	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	592090	46.641	ug/l		99
85) sec-Butylbenzene	11.890	105	724398	45.385	ug/l		100
86) p-Isopropyltoluene	12.006	119	610320	46.110	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	325137	46.309	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	327586	46.053	ug/l		99
89) n-Butylbenzene	12.329	91	565708	45.575	ug/l		100
90) Hexachloroethane	12.536	117	110622	46.717	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	314072	46.804	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42579	50.407	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	216310	48.790	ug/l		100
94) Hexachlorobutadiene	13.725	225	77341	51.294	ug/l		97
95) Naphthalene	13.774	128	652926	50.236	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	209265	48.995	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

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

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

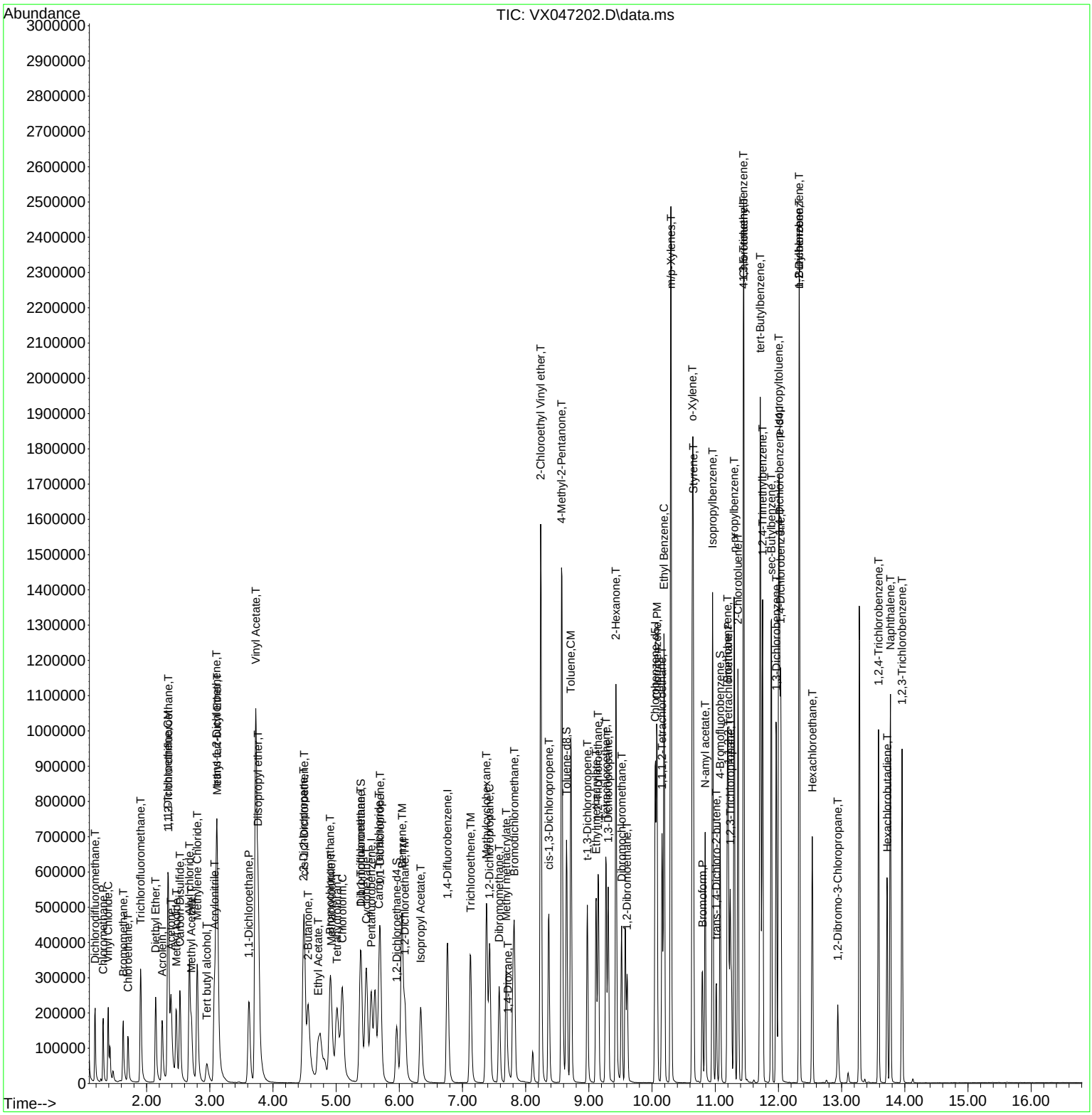
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	80	0.00
2	T	Dichlorodifluoromethane	0.664	0.590	11.1	62	0.00
3	P	Chloromethane	0.657	0.535	18.6	62	0.00
4	C	Vinyl Chloride	0.706	0.648	8.2#	67	0.00
5	T	Bromomethane	0.384	0.348	9.4	63	0.01
6	T	Chloroethane	0.464	0.382	17.7	65	0.00
7	T	Trichlorofluoromethane	1.053	0.974	7.5	68	0.00
8	T	Diethyl Ether	0.371	0.389	-4.9	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.578	8.8	69	0.00
10	T	Methyl Iodide	0.647	0.918	-41.9#	101	0.00
11	T	Tert butyl alcohol	0.080	0.069	13.7	75	0.00
12	CM	1,1-Dichloroethene	0.628	0.571	9.1#	68	0.00
13	T	Acrolein	0.134	0.132	1.5	77	0.00
14	T	Allyl chloride	1.136	1.020	10.2	66	0.00
15	T	Acrylonitrile	0.297	0.308	-3.7	75	0.00
16	T	Acetone	0.250	0.273	-9.2	87	0.00
17	T	Carbon Disulfide	1.818	1.444	20.6	60	0.00
18	T	Methyl Acetate	0.663	0.824	-24.3	96	0.00
19	T	Methyl tert-butyl Ether	1.912	2.076	-8.6	81	0.00
20	T	Methylene Chloride	0.686	0.683	0.4	76	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.601	6.5	70	0.00
22	T	Diisopropyl ether	2.184	2.335	-6.9	80	0.00
23	T	Vinyl Acetate	1.752	1.882	-7.4	78	0.00
24	P	1,1-Dichloroethane	1.214	1.215	-0.1	75	0.00
25	T	2-Butanone	0.363	0.371	-2.2	76	0.00
26	T	2,2-Dichloropropane	0.940	0.915	2.7	75	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.764	-0.4	76	0.00
28	T	Bromochloromethane	0.559	0.657	-17.5	87	0.00
29	T	Tetrahydrofuran	0.234	0.221	5.6	69	0.00
30	C	Chloroform	1.236	1.249	-1.1#	78	0.00
31	T	Cyclohexane	1.164	0.965	17.1	64	0.00
32	T	1,1,1-Trichloroethane	1.074	1.013	5.7	72	-0.01
33	S	1,2-Dichloroethane-d4	0.623	0.677	-8.7	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.309	0.325	-5.2	94	0.00
36	T	1,1-Dichloropropene	0.526	0.437	16.9	68	0.00
37	T	Ethyl Acetate	0.485	0.477	1.6	79	0.00
38	T	Carbon Tetrachloride	0.562	0.496	11.7	71	-0.01
39	T	Methylcyclohexane	0.657	0.545	17.0	66	0.00
40	TM	Benzene	1.523	1.415	7.1	73	0.00
41	T	Methacrylonitrile	0.254	0.247	2.8	72	0.00
42	TM	1,2-Dichloroethane	0.536	0.541	-0.9	80	-0.01
43	T	Isopropyl Acetate	0.756	0.773	-2.2	77	-0.01
44	TM	Trichloroethene	0.391	0.346	11.5	70	0.00
45	C	1,2-Dichloropropane	0.381	0.375	1.6#	78	0.00
46	T	Dibromomethane	0.267	0.271	-1.5	78	0.00
47	T	Bromodichloromethane	0.569	0.581	-2.1	80	0.00
48	T	Methyl methacrylate	0.412	0.402	2.4	78	0.00

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	0.005	0.004	20.0	68	0.06
50	S	Toluene-d8	1.000	0.928	7.2	85	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.446	0.7	76	0.00
52	CM	Toluene	0.936	0.871	6.9#	73	0.00
53	T	t-1,3-Dichloropropene	0.538	0.551	-2.4	79	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.591	-0.5	77	0.00
55	T	1,1,2-Trichloroethane	0.351	0.359	-2.3	81	0.00
56	T	Ethyl methacrylate	0.520	0.545	-4.8	78	0.00
57	T	1,3-Dichloropropane	0.610	0.610	0.0	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.295	-2.1	78	0.00
59	T	2-Hexanone	0.297	0.300	-1.0	74	0.00
60	T	Dibromochloromethane	0.412	0.428	-3.9	82	0.00
61	T	1,2-Dibromoethane	0.367	0.366	0.3	79	0.00
62	S	4-Bromofluorobenzene	0.431	0.443	-2.8	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.360	0.305	15.3	69	0.00
65	PM	Chlorobenzene	1.171	1.093	6.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.390	1.0	79	0.00
67	C	Ethyl Benzene	2.048	1.881	8.2#	73	0.00
68	T	m/p-Xylenes	0.766	0.696	9.1	73	0.00
69	T	o-Xylene	0.729	0.691	5.2	75	0.00
70	T	Styrene	1.250	1.216	2.7	76	0.00
71	P	Bromoform	0.300	0.300	0.0	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.945	3.600	8.7	73	0.00
74	T	N-amyl acetate	1.592	1.540	3.3	75	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.112	1.3	80	0.00
76	T	1,2,3-Trichloropropane	0.925	0.914	1.2	80	0.00
77	T	Bromobenzene	0.946	0.891	5.8	76	0.00
78	T	n-propylbenzene	4.714	4.274	9.3	73	0.00
79	T	2-Chlorotoluene	2.818	2.596	7.9	75	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.005	7.8	74	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.241	32.9#	54	0.00
82	T	4-Chlorotoluene	3.289	3.085	6.2	75	0.00
83	T	tert-Butylbenzene	3.271	3.067	6.2	75	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.032	6.7	74	0.00
85	T	sec-Butylbenzene	4.087	3.710	9.2	74	0.00
86	T	p-Isopropyltoluene	3.389	3.126	7.8	74	0.00
87	T	1,3-Dichlorobenzene	1.798	1.665	7.4	76	0.00
88	T	1,4-Dichlorobenzene	1.821	1.678	7.9	77	0.00
89	T	n-Butylbenzene	3.178	2.897	8.8	73	0.00
90	T	Hexachloroethane	0.606	0.567	6.4	75	0.00
91	T	1,2-Dichlorobenzene	1.718	1.608	6.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.218	-0.9	79	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.108	2.4	79	0.00
94	T	Hexachlorobutadiene	0.386	0.396	-2.6	85	0.00
95	T	Naphthalene	3.328	3.344	-0.5	78	0.00

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1.094	1.072	2.0	80	0.00

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

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	44.437	11.1	62	0.00
3	P	Chloromethane	50.000	40.738	18.5	62	0.00
4	C	Vinyl Chloride	50.000	45.886	8.2#	67	0.00
5	T	Bromomethane	50.000	45.405	9.2	63	0.01
6	T	Chloroethane	50.000	41.189	17.6	65	0.00
7	T	Trichlorofluoromethane	50.000	46.249	7.5	68	0.00
8	T	Diethyl Ether	50.000	52.375	-4.8	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.539	8.9	69	0.00
10	T	Methyl Iodide	50.000	70.955	-41.9#	101	0.00
11	T	Tert butyl alcohol	250.000	235.055	6.0	75	0.00
12	CM	1,1-Dichloroethene	50.000	45.427	9.1#	68	0.00
13	T	Acrolein	250.000	246.082	1.6	77	0.00
14	T	Allyl chloride	50.000	44.880	10.2	66	0.00
15	T	Acrylonitrile	250.000	259.563	-3.8	75	0.00
16	T	Acetone	250.000	273.630	-9.5	87	0.00
17	T	Carbon Disulfide	50.000	39.710	20.6	60	0.00
18	T	Methyl Acetate	50.000	62.107	-24.2	96	0.00
19	T	Methyl tert-butyl Ether	50.000	54.276	-8.6	81	0.00
20	T	Methylene Chloride	50.000	49.759	0.5	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.713	6.6	70	0.00
22	T	Diisopropyl ether	50.000	53.452	-6.9	80	0.00
23	T	Vinyl Acetate	250.000	268.668	-7.5	78	0.00
24	P	1,1-Dichloroethane	50.000	50.046	-0.1	75	0.00
25	T	2-Butanone	250.000	255.575	-2.2	76	0.00
26	T	2,2-Dichloropropane	50.000	48.663	2.7	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.193	-0.4	76	0.00
28	T	Bromochloromethane	50.000	58.778	-17.6	87	0.00
29	T	Tetrahydrofuran	250.000	235.810	5.7	69	0.00
30	C	Chloroform	50.000	50.525	-1.0#	78	0.00
31	T	Cyclohexane	50.000	41.458	17.1	64	0.00
32	T	1,1,1-Trichloroethane	50.000	47.173	5.7	72	-0.01
33	S	1,2-Dichloroethane-d4	50.000	54.354	-8.7	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	52.711	-5.4	94	0.00
36	T	1,1-Dichloropropene	50.000	41.507	17.0	68	0.00
37	T	Ethyl Acetate	50.000	49.162	1.7	79	0.00
38	T	Carbon Tetrachloride	50.000	44.159	11.7	71	-0.01
39	T	Methylcyclohexane	50.000	41.478	17.0	66	0.00
40	TM	Benzene	50.000	46.450	7.1	73	0.00
41	T	Methacrylonitrile	50.000	48.632	2.7	72	0.00
42	TM	1,2-Dichloroethane	50.000	50.462	-0.9	80	-0.01
43	T	Isopropyl Acetate	50.000	51.117	-2.2	77	-0.01
44	TM	Trichloroethene	50.000	44.336	11.3	70	0.00
45	C	1,2-Dichloropropane	50.000	49.144	1.7#	78	0.00
46	T	Dibromomethane	50.000	50.638	-1.3	78	0.00
47	T	Bromodichloromethane	50.000	51.014	-2.0	80	0.00
48	T	Methyl methacrylate	50.000	48.805	2.4	78	0.00

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	890.960	10.9	68	0.06
50	S	Toluene-d8	50.000	46.415	7.2	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.264	0.7	76	0.00
52	CM	Toluene	50.000	46.482	7.0#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	51.252	-2.5	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.220	-0.4	77	0.00
55	T	1,1,2-Trichloroethane	50.000	51.099	-2.2	81	0.00
56	T	Ethyl methacrylate	50.000	52.429	-4.9	78	0.00
57	T	1,3-Dichloropropane	50.000	49.956	0.1	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.784	-1.9	78	0.00
59	T	2-Hexanone	250.000	252.881	-1.2	74	0.00
60	T	Dibromochloromethane	50.000	51.970	-3.9	82	0.00
61	T	1,2-Dibromoethane	50.000	49.811	0.4	79	0.00
62	S	4-Bromofluorobenzene	50.000	51.459	-2.9	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	42.361	15.3	69	0.00
65	PM	Chlorobenzene	50.000	46.637	6.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.432	1.1	79	0.00
67	C	Ethyl Benzene	50.000	45.932	8.1#	73	0.00
68	T	m/p-Xylenes	100.000	90.866	9.1	73	0.00
69	T	o-Xylene	50.000	47.407	5.2	75	0.00
70	T	Styrene	50.000	48.636	2.7	76	0.00
71	P	Bromoform	50.000	50.155	-0.3	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	45.633	8.7	73	0.00
74	T	N-amyl acetate	50.000	48.381	3.2	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.338	1.3	80	0.00
76	T	1,2,3-Trichloropropane	50.000	49.373	1.3	80	0.00
77	T	Bromobenzene	50.000	47.084	5.8	76	0.00
78	T	n-propylbenzene	50.000	45.330	9.3	73	0.00
79	T	2-Chlorotoluene	50.000	46.071	7.9	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.106	7.8	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	33.518	33.0#	54	0.00
82	T	4-Chlorotoluene	50.000	46.902	6.2	75	0.00
83	T	tert-Butylbenzene	50.000	46.884	6.2	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.641	6.7	74	0.00
85	T	sec-Butylbenzene	50.000	45.385	9.2	74	0.00
86	T	p-Isopropyltoluene	50.000	46.110	7.8	74	0.00
87	T	1,3-Dichlorobenzene	50.000	46.309	7.4	76	0.00
88	T	1,4-Dichlorobenzene	50.000	46.053	7.9	77	0.00
89	T	n-Butylbenzene	50.000	45.575	8.8	73	0.00
90	T	Hexachloroethane	50.000	46.717	6.6	75	0.00
91	T	1,2-Dichlorobenzene	50.000	46.804	6.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.407	-0.8	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.790	2.4	79	0.00
94	T	Hexachlorobutadiene	50.000	51.294	-2.6	85	0.00
95	T	Naphthalene	50.000	50.236	-0.5	78	0.00

Sample Results: **VX047202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.995	2.0	80	0.00

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

Raw Data: **VX047216.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: CHEM02
Lab Code: ACE
SDG No.: Q2744
Instrument ID: MSVOA_X
Calibration Date/Time: 08/04/2025 09:44
Lab File ID: VX047216.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.672		1.21	20
Chloromethane	0.657	0.579	0.1	-11.87	20
Vinyl Chloride	0.706	0.720		1.98	20
Ethyl Acetate	0.485	0.436		-10.1	20
Bromomethane	0.384	0.355		-7.55	20
Chloroethane	0.464	0.417		-10.13	20
Trichlorofluoromethane	1.053	1.083		2.85	20
1,1,2-Trichlorotrifluoroethane	0.634	0.647		2.05	20
Tert butyl alcohol	0.080	0.057		-28.75	20
1,1-Dichloroethene	0.628	0.618		-1.59	20
Acrolein	0.134	0.121		-9.7	20
Acrylonitrile	0.297	0.274		-7.74	20
Acetone	0.250	0.269		7.6	20
Carbon Disulfide	1.818	1.569		-13.7	20
Methyl tert-butyl Ether	1.912	1.923		0.57	20
Methyl Acetate	0.663	0.749		12.97	20
Methylene Chloride	0.686	0.664		-3.21	20
trans-1,2-Dichloroethene	0.643	0.618		-3.89	20
Vinyl Acetate	1.752	1.696		-3.2	20
1,1-Dichloroethane	1.214	1.221	0.1	0.58	20
Cyclohexane	1.164	1.026		-11.86	20
2-Butanone	0.363	0.322		-11.3	20
Carbon Tetrachloride	0.562	0.552		-1.78	20
2,2-Dichloropropane	0.940	0.938		-0.21	20
cis-1,2-Dichloroethene	0.761	0.744		-2.23	20
Bromochloromethane	0.559	0.582		4.11	20
Chloroform	1.236	1.219		-1.38	20
1,1,1-Trichloroethane	1.074	1.055		-1.77	20
Methylcyclohexane	0.657	0.597		-9.13	20
1,1-Dichloropropene	0.526	0.489		-7.03	20
Benzene	1.523	1.479		-2.89	20
1,2-Dichloroethane	0.536	0.539		0.56	20
Trichloroethene	0.391	0.372		-4.86	20
1,2-Dichloropropane	0.381	0.378		-0.79	20
Dibromomethane	0.267	0.264		-1.12	20
Bromodichloromethane	0.569	0.584		2.64	20
4-Methyl-2-Pentanone	0.449	0.404		-10.02	20
Toluene	0.936	0.905		-3.31	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: **VX047216.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: CHEM02
Lab Code: ACE
SDG No.: Q2744
Instrument ID: MSVOA_X
Calibration Date/Time: 08/04/2025 09:44
Lab File ID: VX047216.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.538	0.537		-0.19	20
cis-1,3-Dichloropropene	0.588	0.588		0	20
1,1,2-Trichloroethane	0.351	0.345		-1.71	20
1,3-Dichloropropane	0.610	0.588		-3.61	20
2-Chloroethyl Vinyl ether	0.289	0.260		-10.03	20
2-Hexanone	0.297	0.271		-8.75	20
Dibromochloromethane	0.412	0.418		1.46	20
1,2-Dibromoethane	0.367	0.342		-6.81	20
Tetrachloroethene	0.360	0.342		-5	20
Chlorobenzene	1.171	1.150	0.3	-1.79	20
1,1,1,2-Tetrachloroethane	0.394	0.409		3.81	20
Hexachloroethane	0.606	0.627		3.46	20
Ethyl Benzene	2.048	2.019		-1.42	20
m/p-Xylenes	0.766	0.742		-3.13	20
o-Xylene	0.729	0.731		0.27	20
Styrene	1.250	1.256		0.48	20
Bromoform	0.300	0.299	0.1	-0.33	20
Isopropylbenzene	3.945	4.031		2.18	20
1,1,2,2-Tetrachloroethane	1.127	1.095	0.3	-2.84	20
1,2,3-Trichloropropane	0.925	0.905		-2.16	20
Bromobenzene	0.946	0.956		1.06	20
n-propylbenzene	4.714	4.730		0.34	20
2-Chlorotoluene	2.818	2.792		-0.92	20
1,3,5-Trimethylbenzene	3.259	3.297		1.17	20
4-Chlorotoluene	3.289	3.299		0.3	20
tert-Butylbenzene	3.271	3.354		2.54	20
1,2,4-Trimethylbenzene	3.251	3.287		1.11	20
sec-Butylbenzene	4.087	4.107		0.49	20
p-Isopropyltoluene	3.389	3.429		1.18	20
1,3-Dichlorobenzene	1.798	1.779		-1.06	20
1,4-Dichlorobenzene	1.821	1.785		-1.98	20
n-Butylbenzene	3.178	3.199		0.66	20
1,2-Dichlorobenzene	1.718	1.688		-1.75	20
1,2-Dibromo-3-Chloropropane	0.216	0.207		-4.17	20
1,2,4-Trichlorobenzene	1.135	1.134		-0.09	20
Hexachlorobutadiene	0.386	0.381		-1.29	20
Naphthalene	3.328	3.267		-1.83	20
1,2,3-Trichlorobenzene	1.094	1.078		-1.46	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CHEM02
Lab Code:	ACE	SDG No.:	Q2744
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/04/2025 09:44
Lab File ID:	VX047216.D	Init. Calib. Date(s):	07/21/2025 07/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.564		-9.47	20
Dibromofluoromethane	0.309	0.305		-1.29	20
Toluene-d8	1.000	0.861		-13.9	20
4-Bromofluorobenzene	0.431	0.391		-9.28	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\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	285086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	406977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160683	45.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.500%			
35) Dibromofluoromethane	5.385	113	143217	49.366	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	8.647	98	404675	43.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.140%#			
62) 4-Bromofluorobenzene	11.079	95	183638	45.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	191706	50.626	ug/l	100
3) Chloromethane	1.313	50	165046	44.063	ug/l	100
4) Vinyl Chloride	1.392	62	205304	50.989	ug/l	99
5) Bromomethane	1.630	94	101104	46.225	ug/l	94
6) Chloroethane	1.703	64	118821	44.931	ug/l	97
7) Trichlorofluoromethane	1.904	101	308773	51.428	ug/l	99
8) Diethyl Ether	2.142	74	107251	50.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	184458	50.994	ug/l	99
10) Methyl Iodide	2.465	142	259706	70.446	ug/l	99
11) Tert butyl alcohol	2.953	59	81580	194.217	ug/l	100
12) 1,1-Dichloroethene	2.337	96	176131	49.161	ug/l	96
13) Acrolein	2.246	56	173095	226.371	ug/l	99
14) Allyl chloride	2.678	41	296080	45.718	ug/l	93
15) Acrylonitrile	3.075	53	390085	230.315	ug/l	99
16) Acetone	2.386	43	384040	269.947	ug/l	98
17) Carbon Disulfide	2.526	76	447430	43.169	ug/l	100
18) Methyl Acetate	2.709	43	213655	56.513	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	548333	50.289	ug/l	100
20) Methylene Chloride	2.800	84	189380	48.387	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	176250	48.074	ug/l	98
22) Diisopropyl ether	3.764	45	640446	51.436	ug/l	92
23) Vinyl Acetate	3.727	43	2417166	242.038	ug/l	100
24) 1,1-Dichloroethane	3.617	63	348228	50.294	ug/l	99
25) 2-Butanone	4.556	43	458934	221.547	ug/l	97
26) 2,2-Dichloropropane	4.483	77	267458	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	212196	48.877	ug/l	100
28) Bromochloromethane	4.898	49	165950	52.097	ug/l	98
29) Tetrahydrofuran	5.013	42	280967	210.217	ug/l	98
30) Chloroform	5.099	83	347550	49.312	ug/l	99
31) Cyclohexane	5.477	56	292553	44.067	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	300668	49.115	ug/l	99
36) 1,1-Dichloropropene	5.696	75	229732	46.455	ug/l	100
37) Ethyl Acetate	4.715	43	204751	44.933	ug/l	98
38) Carbon Tetrachloride	5.684	117	259382	49.142	ug/l	97
39) Methylcyclohexane	7.379	83	280315	45.399	ug/l	96
40) Benzene	6.038	78	694725	48.543	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	106459	44.682	ug/l		96
42) 1,2-Dichloroethane	6.086	62	253198	50.224	ug/l		98
43) Isopropyl Acetate	6.336	43	335632	47.246	ug/l		99
44) Trichloroethene	7.129	130	174961	47.674	ug/l		99
45) 1,2-Dichloropropane	7.428	63	177404	49.493	ug/l		96
46) Dibromomethane	7.580	93	123866	49.278	ug/l		100
47) Bromodichloromethane	7.818	83	274423	51.292	ug/l		96
48) Methyl methacrylate	7.690	41	174048	44.973	ug/l		99
49) 1,4-Dioxane	7.732	88	38376	871.859	ug/l	#	60
51) 4-Methyl-2-Pentanone	8.574	43	949990	224.982	ug/l		99
52) Toluene	8.714	92	425441	48.346	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	252131	49.904	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	276296	49.966	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	162000	49.088	ug/l		99
56) Ethyl methacrylate	9.116	69	240675	49.262	ug/l		99
57) 1,3-Dichloropropane	9.305	76	276179	48.152	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	611669	224.985	ug/l		100
59) 2-Hexanone	9.427	43	636703	228.231	ug/l		100
60) Dibromochloromethane	9.519	129	196563	50.784	ug/l		100
61) 1,2-Dibromoethane	9.604	107	160847	46.612	ug/l		99
64) Tetrachloroethene	9.269	164	139292	47.477	ug/l		92
65) Chlorobenzene	10.080	112	468171	49.105	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166480	51.864	ug/l		97
67) Ethyl Benzene	10.189	91	821556	49.284	ug/l		100
68) m/p-Xylenes	10.299	106	603645	96.765	ug/l		99
69) o-Xylene	10.640	106	297631	50.152	ug/l		99
70) Styrene	10.653	104	511226	50.237	ug/l		100
71) Bromoform	10.799	173	121609	49.874	ug/l		100
73) Isopropylbenzene	10.957	105	784193	51.092	ug/l		100
74) N-amyl acetate	10.842	43	284347	45.915	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	212962	48.574	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	176048m	48.889	ug/l		
77) Bromobenzene	11.195	156	186001	50.524	ug/l		100
78) n-propylbenzene	11.299	91	920270	50.175	ug/l		99
79) 2-Chlorotoluene	11.360	91	543096	49.535	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	641402	50.583	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	49744	35.590	ug/l		99
82) 4-Chlorotoluene	11.451	91	641761	50.148	ug/l		99
83) tert-Butylbenzene	11.713	119	652510	51.270	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	639445	50.558	ug/l		99
85) sec-Butylbenzene	11.884	105	798987	50.244	ug/l		99
86) p-Isopropyltoluene	12.006	119	667051	50.584	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	346190	49.491	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	347191	48.991	ug/l		98
89) n-Butylbenzene	12.329	91	622379	50.327	ug/l		100
90) Hexachloroethane	12.536	117	122040	51.731	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	328382	49.119	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40366	47.965	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	220690	49.963	ug/l		99
94) Hexachlorobutadiene	13.725	225	74113	49.336	ug/l		96
95) Naphthalene	13.774	128	635607	49.086	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	209669	49.272	ug/l		98

Sample Results: **VX047216.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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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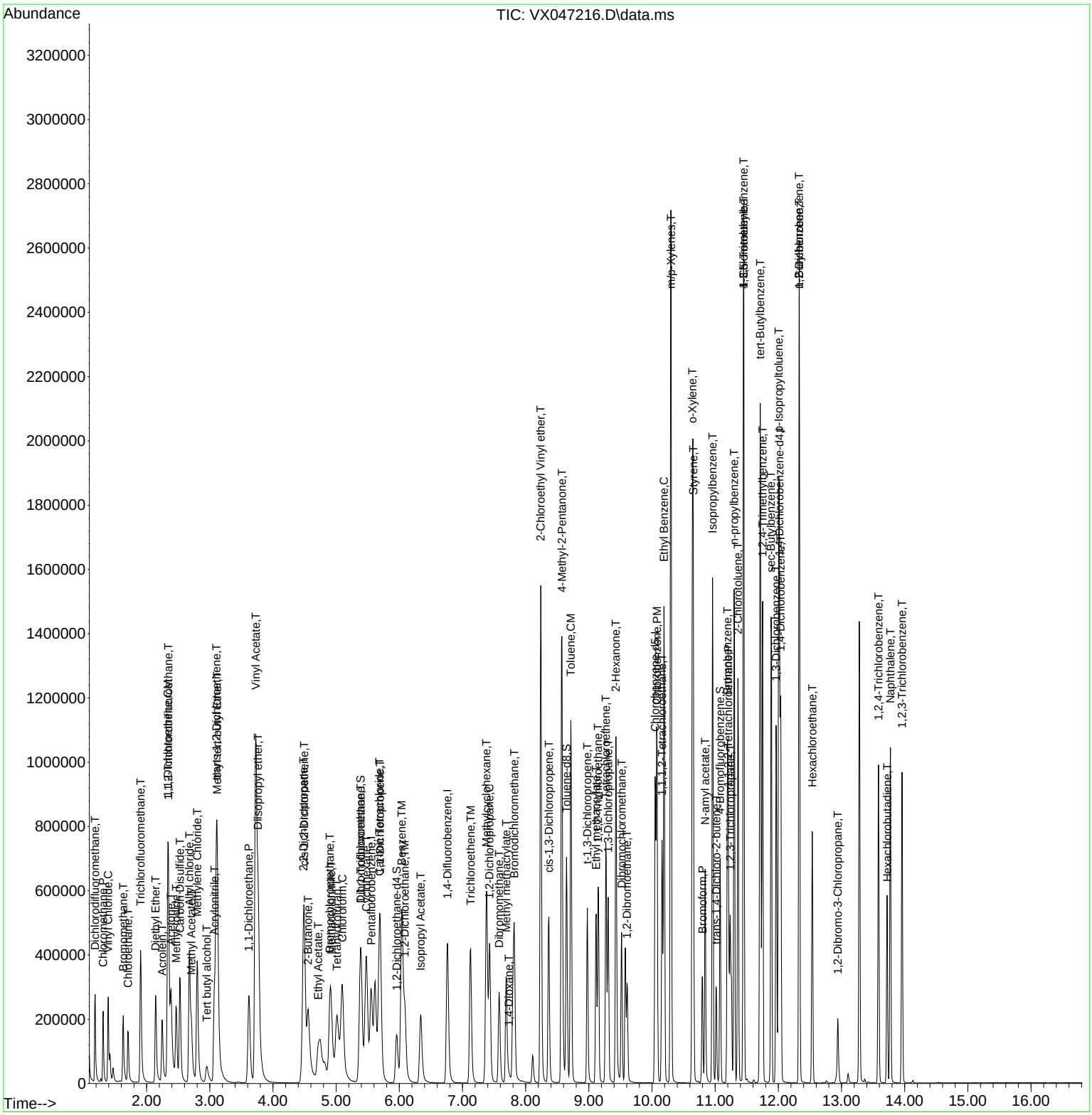
Supervised By :Mahesh Dadoda 08/05/2025



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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	92	0.00
2	T	Dichlorodifluoromethane	0.664	0.672	-1.2	81	0.00
3	P	Chloromethane	0.657	0.579	11.9	76	0.00
4	C	Vinyl Chloride	0.706	0.720	-2.0#	85	0.00
5	T	Bromomethane	0.384	0.355	7.6	73	0.01
6	T	Chloroethane	0.464	0.417	10.1	82	0.00
7	T	Trichlorofluoromethane	1.053	1.083	-2.8	86	0.00
8	T	Diethyl Ether	0.371	0.376	-1.3	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.647	-2.1	88	0.00
10	T	Methyl Iodide	0.647	0.911	-40.8#	115	0.00
11	T	Tert butyl alcohol	0.080	0.057	28.7#	72	0.00
12	CM	1,1-Dichloroethene	0.628	0.618	1.6#	84	0.00
13	T	Acrolein	0.134	0.121	9.7	81	0.00
14	T	Allyl chloride	1.136	1.039	8.5	77	0.00
15	T	Acrylonitrile	0.297	0.274	7.7	76	0.00
16	T	Acetone	0.250	0.269	-7.6	98	0.00
17	T	Carbon Disulfide	1.818	1.569	13.7	75	0.00
18	T	Methyl Acetate	0.663	0.749	-13.0	100	0.00
19	T	Methyl tert-butyl Ether	1.912	1.923	-0.6	86	0.00
20	T	Methylene Chloride	0.686	0.664	3.2	85	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.618	3.9	82	0.00
22	T	Diisopropyl ether	2.184	2.247	-2.9	87	0.00
23	T	Vinyl Acetate	1.752	1.696	3.2	80	0.00
24	P	1,1-Dichloroethane	1.214	1.221	-0.6	86	0.00
25	T	2-Butanone	0.363	0.322	11.3	76	0.00
26	T	2,2-Dichloropropane	0.940	0.938	0.2	88	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.744	2.2	85	0.00
28	T	Bromochloromethane	0.559	0.582	-4.1	88	-0.01
29	T	Tetrahydrofuran	0.234	0.197	15.8	71	0.00
30	C	Chloroform	1.236	1.219	1.4#	87	0.00
31	T	Cyclohexane	1.164	1.026	11.9	78	0.00
32	T	1,1,1-Trichloroethane	1.074	1.055	1.8	86	-0.01
33	S	1,2-Dichloroethane-d4	0.623	0.564	9.5	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.309	0.305	1.3	94	-0.01
36	T	1,1-Dichloropropene	0.526	0.489	7.0	81	0.00
37	T	Ethyl Acetate	0.485	0.436	10.1	78	0.00
38	T	Carbon Tetrachloride	0.562	0.552	1.8	84	0.00
39	T	Methylcyclohexane	0.657	0.597	9.1	78	0.00
40	TM	Benzene	1.523	1.479	2.9	82	0.00
41	T	Methacrylonitrile	0.254	0.227	10.6	71	0.00
42	TM	1,2-Dichloroethane	0.536	0.539	-0.6	85	-0.01
43	T	Isopropyl Acetate	0.756	0.714	5.6	77	-0.01
44	TM	Trichloroethene	0.391	0.372	4.9	81	0.00
45	C	1,2-Dichloropropane	0.381	0.378	0.8#	84	0.00
46	T	Dibromomethane	0.267	0.264	1.1	82	0.00
47	T	Bromodichloromethane	0.569	0.584	-2.6	86	0.00
48	T	Methyl methacrylate	0.412	0.370	10.2	77	0.00

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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	0.005	0.004	20.0	71	0.07
50	S	Toluene-d8	1.000	0.861	13.9	85	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.404	10.0	74	0.00
52	CM	Toluene	0.936	0.905	3.3#	81	0.00
53	T	t-1,3-Dichloropropene	0.538	0.537	0.2	83	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.588	0.0	82	0.00
55	T	1,1,2-Trichloroethane	0.351	0.345	1.7	83	0.00
56	T	Ethyl methacrylate	0.520	0.512	1.5	78	0.00
57	T	1,3-Dichloropropane	0.610	0.588	3.6	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.260	10.0	73	0.00
59	T	2-Hexanone	0.297	0.271	8.8	72	0.00
60	T	Dibromochloromethane	0.412	0.418	-1.5	86	0.00
61	T	1,2-Dibromoethane	0.367	0.342	6.8	79	0.00
62	S	4-Bromofluorobenzene	0.431	0.391	9.3	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.360	0.342	5.0	80	0.00
65	PM	Chlorobenzene	1.171	1.150	1.8	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.409	-3.8	85	0.00
67	C	Ethyl Benzene	2.048	2.019	1.4#	80	0.00
68	T	m/p-Xylenes	0.766	0.742	3.1	79	0.00
69	T	o-Xylene	0.729	0.731	-0.3	82	0.00
70	T	Styrene	1.250	1.256	-0.5	81	0.00
71	P	Bromoform	0.300	0.299	0.3	81	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.945	4.031	-2.2	81	0.00
74	T	N-amyl acetate	1.592	1.462	8.2	71	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.095	2.8	79	0.00
76	T	1,2,3-Trichloropropane	0.925	0.905	2.2	79	0.00
77	T	Bromobenzene	0.946	0.956	-1.1	82	0.00
78	T	n-propylbenzene	4.714	4.730	-0.3	80	0.00
79	T	2-Chlorotoluene	2.818	2.792	0.9	80	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.297	-1.2	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.256	28.7#	57	0.00
82	T	4-Chlorotoluene	3.289	3.299	-0.3	80	0.00
83	T	tert-Butylbenzene	3.271	3.354	-2.5	81	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.287	-1.1	80	0.00
85	T	sec-Butylbenzene	4.087	4.107	-0.5	81	0.00
86	T	p-Isopropyltoluene	3.389	3.429	-1.2	80	0.00
87	T	1,3-Dichlorobenzene	1.798	1.779	1.1	81	0.00
88	T	1,4-Dichlorobenzene	1.821	1.785	2.0	82	0.00
89	T	n-Butylbenzene	3.178	3.199	-0.7	80	0.00
90	T	Hexachloroethane	0.606	0.627	-3.5	83	0.00
91	T	1,2-Dichlorobenzene	1.718	1.688	1.7	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.207	4.2	75	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.134	0.1	81	0.00
94	T	Hexachlorobutadiene	0.386	0.381	1.3	82	0.00
95	T	Naphthalene	3.328	3.267	1.8	76	0.00

Sample Results: **VX047216.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	1.094	1.078	1.5	80	0.00

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

Sample Results: **VX047216.D**

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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	92	0.00
2	T	Dichlorodifluoromethane	50.000	50.626	-1.3	81	0.00
3	P	Chloromethane	50.000	44.063	11.9	76	0.00
4	C	Vinyl Chloride	50.000	50.989	-2.0#	85	0.00
5	T	Bromomethane	50.000	46.225	7.5	73	0.01
6	T	Chloroethane	50.000	44.931	10.1	82	0.00
7	T	Trichlorofluoromethane	50.000	51.428	-2.9	86	0.00
8	T	Diethyl Ether	50.000	50.663	-1.3	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.994	-2.0	88	0.00
10	T	Methyl Iodide	50.000	70.446	-40.9#	115	0.00
11	T	Tert butyl alcohol	250.000	194.217	22.3	72	0.00
12	CM	1,1-Dichloroethene	50.000	49.161	1.7#	84	0.00
13	T	Acrolein	250.000	226.371	9.5	81	0.00
14	T	Allyl chloride	50.000	45.718	8.6	77	0.00
15	T	Acrylonitrile	250.000	230.315	7.9	76	0.00
16	T	Acetone	250.000	269.947	-8.0	98	0.00
17	T	Carbon Disulfide	50.000	43.169	13.7	75	0.00
18	T	Methyl Acetate	50.000	56.513	-13.0	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.289	-0.6	86	0.00
20	T	Methylene Chloride	50.000	48.387	3.2	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.074	3.9	82	0.00
22	T	Diisopropyl ether	50.000	51.436	-2.9	87	0.00
23	T	Vinyl Acetate	250.000	242.038	3.2	80	0.00
24	P	1,1-Dichloroethane	50.000	50.294	-0.6	86	0.00
25	T	2-Butanone	250.000	221.547	11.4	76	0.00
26	T	2,2-Dichloropropane	50.000	49.902	0.2	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.877	2.2	85	0.00
28	T	Bromochloromethane	50.000	52.097	-4.2	88	-0.01
29	T	Tetrahydrofuran	250.000	210.217	15.9	71	0.00
30	C	Chloroform	50.000	49.312	1.4#	87	0.00
31	T	Cyclohexane	50.000	44.067	11.9	78	0.00
32	T	1,1,1-Trichloroethane	50.000	49.115	1.8	86	-0.01
33	S	1,2-Dichloroethane-d4	50.000	45.247	9.5	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	49.366	1.3	94	-0.01
36	T	1,1-Dichloropropene	50.000	46.455	7.1	81	0.00
37	T	Ethyl Acetate	50.000	44.933	10.1	78	0.00
38	T	Carbon Tetrachloride	50.000	49.142	1.7	84	0.00
39	T	Methylcyclohexane	50.000	45.399	9.2	78	0.00
40	TM	Benzene	50.000	48.543	2.9	82	0.00
41	T	Methacrylonitrile	50.000	44.682	10.6	71	0.00
42	TM	1,2-Dichloroethane	50.000	50.224	-0.4	85	-0.01
43	T	Isopropyl Acetate	50.000	47.246	5.5	77	-0.01
44	TM	Trichloroethene	50.000	47.674	4.7	81	0.00
45	C	1,2-Dichloropropane	50.000	49.493	1.0#	84	0.00
46	T	Dibromomethane	50.000	49.278	1.4	82	0.00
47	T	Bromodichloromethane	50.000	51.292	-2.6	86	0.00
48	T	Methyl methacrylate	50.000	44.973	10.1	77	0.00

Sample Results: **VX047216.D**

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	871.859	12.8	71	0.07
50	S	Toluene-d8	50.000	43.072	13.9	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	224.982	10.0	74	0.00
52	CM	Toluene	50.000	48.346	3.3#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	49.904	0.2	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.966	0.1	82	0.00
55	T	1,1,2-Trichloroethane	50.000	49.088	1.8	83	0.00
56	T	Ethyl methacrylate	50.000	49.262	1.5	78	0.00
57	T	1,3-Dichloropropane	50.000	48.152	3.7	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	224.985	10.0	73	0.00
59	T	2-Hexanone	250.000	228.231	8.7	72	0.00
60	T	Dibromochloromethane	50.000	50.784	-1.6	86	0.00
61	T	1,2-Dibromoethane	50.000	46.612	6.8	79	0.00
62	S	4-Bromofluorobenzene	50.000	45.356	9.3	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	47.477	5.0	80	0.00
65	PM	Chlorobenzene	50.000	49.105	1.8	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.864	-3.7	85	0.00
67	C	Ethyl Benzene	50.000	49.284	1.4#	80	0.00
68	T	m/p-Xylenes	100.000	96.765	3.2	79	0.00
69	T	o-Xylene	50.000	50.152	-0.3	82	0.00
70	T	Styrene	50.000	50.237	-0.5	81	0.00
71	P	Bromoform	50.000	49.874	0.3	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	51.092	-2.2	81	0.00
74	T	N-amyl acetate	50.000	45.915	8.2	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.574	2.9	79	0.00
76	T	1,2,3-Trichloropropane	50.000	48.889	2.2	79	0.00
77	T	Bromobenzene	50.000	50.524	-1.0	82	0.00
78	T	n-propylbenzene	50.000	50.175	-0.3	80	0.00
79	T	2-Chlorotoluene	50.000	49.535	0.9	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.583	-1.2	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	35.590	28.8#	57	0.00
82	T	4-Chlorotoluene	50.000	50.148	-0.3	80	0.00
83	T	tert-Butylbenzene	50.000	51.270	-2.5	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.558	-1.1	80	0.00
85	T	sec-Butylbenzene	50.000	50.244	-0.5	81	0.00
86	T	p-Isopropyltoluene	50.000	50.584	-1.2	80	0.00
87	T	1,3-Dichlorobenzene	50.000	49.491	1.0	81	0.00
88	T	1,4-Dichlorobenzene	50.000	48.991	2.0	82	0.00
89	T	n-Butylbenzene	50.000	50.327	-0.7	80	0.00
90	T	Hexachloroethane	50.000	51.731	-3.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	49.119	1.8	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.965	4.1	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.963	0.1	81	0.00
94	T	Hexachlorobutadiene	50.000	49.336	1.3	82	0.00
95	T	Naphthalene	50.000	49.086	1.8	76	0.00

Sample Results: **VX047216.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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	49.272	1.5	80	0.00

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

QC SAMPLE DATA

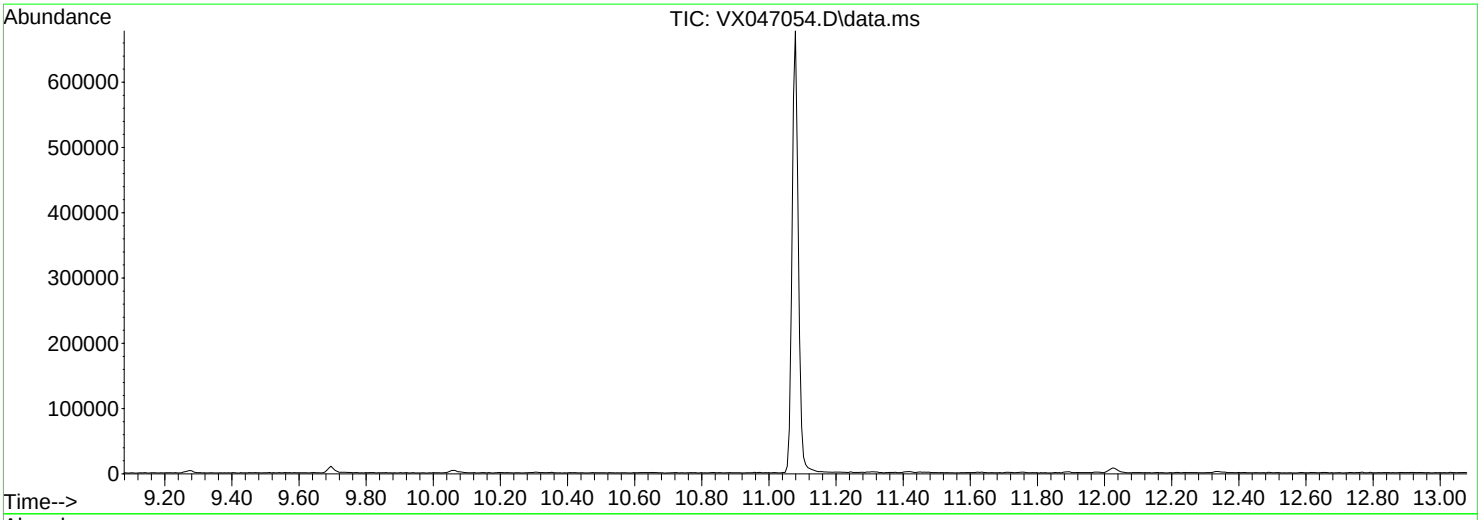
Sample Results: **VX047054.D**

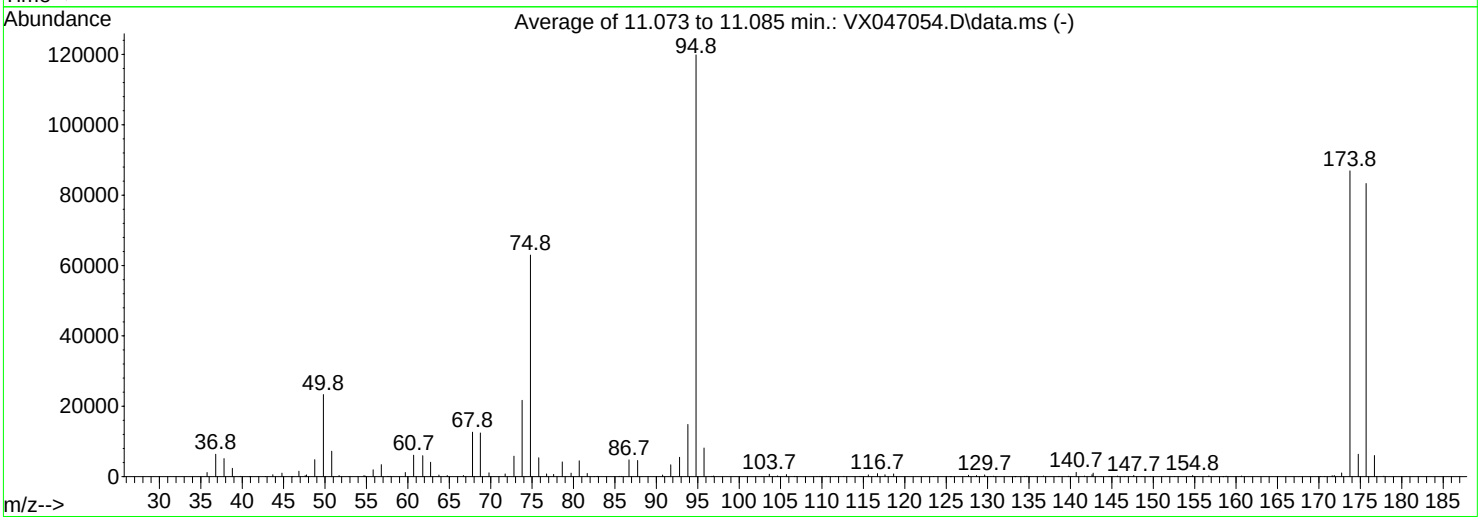
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047054.D
Acq On : 21 Jul 2025 08:53
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	23312	PASS
75	95	30	60	52.5	62997	PASS
95	95	100	100	100.0	119888	PASS
96	95	5	9	6.8	8138	PASS
173	174	0.00	2	1.2	1064	PASS
174	95	50	100	72.5	86899	PASS
175	174	5	9	7.3	6373	PASS
176	174	95	101	95.9	83323	PASS
177	176	5	9	7.2	5999	PASS

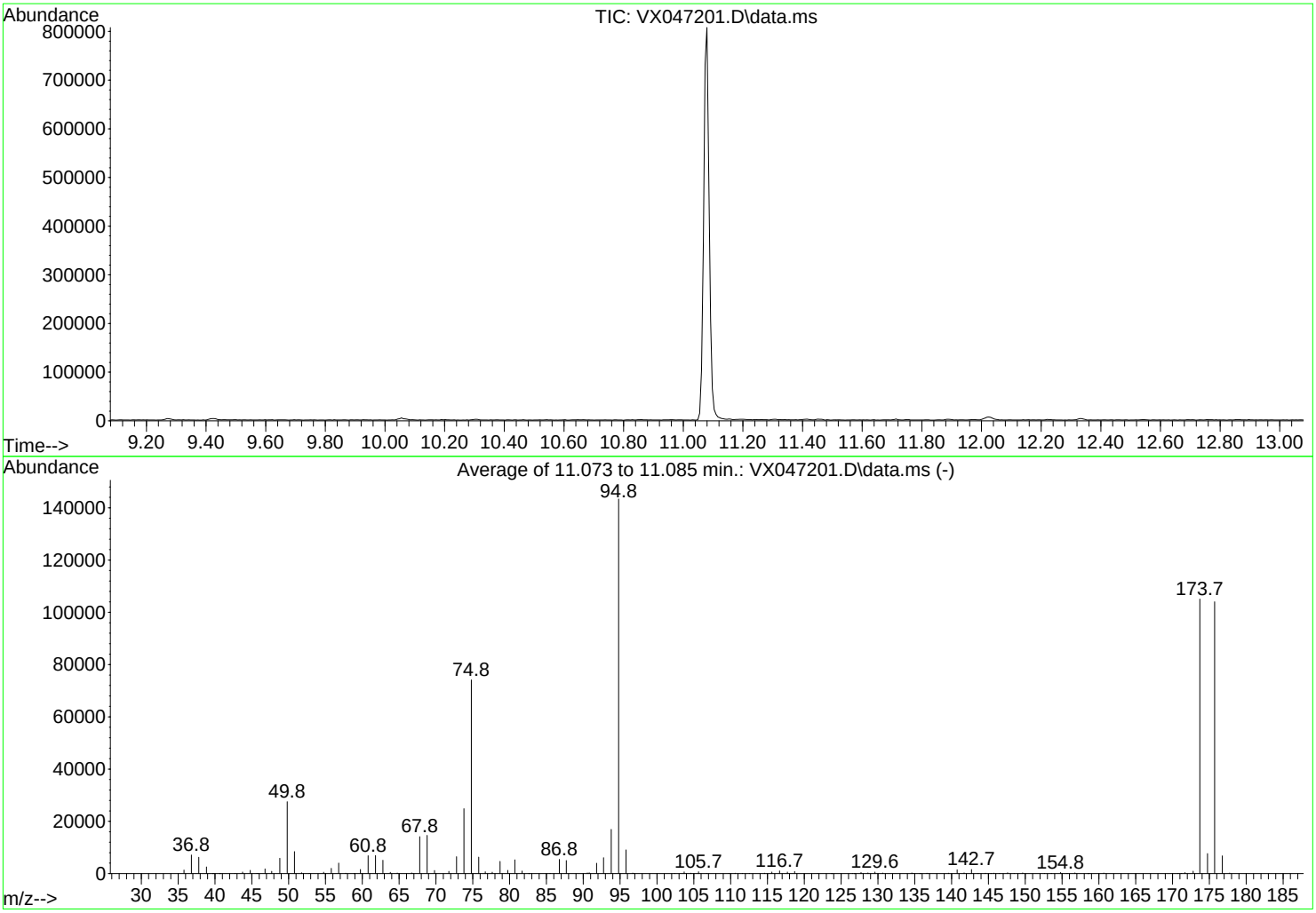
Sample Results: **VX047201.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047201.D
Acq On : 01 Aug 2025 09:10
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\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	27525	PASS
75	95	30	60	51.7	74141	PASS
95	95	100	100	100.0	143379	PASS
96	95	5	9	6.3	9087	PASS
173	174	0.00	2	0.9	958	PASS
174	95	50	100	73.3	105072	PASS
175	174	5	9	7.3	7670	PASS
176	174	95	101	99.0	104043	PASS
177	176	5	9	6.5	6777	PASS

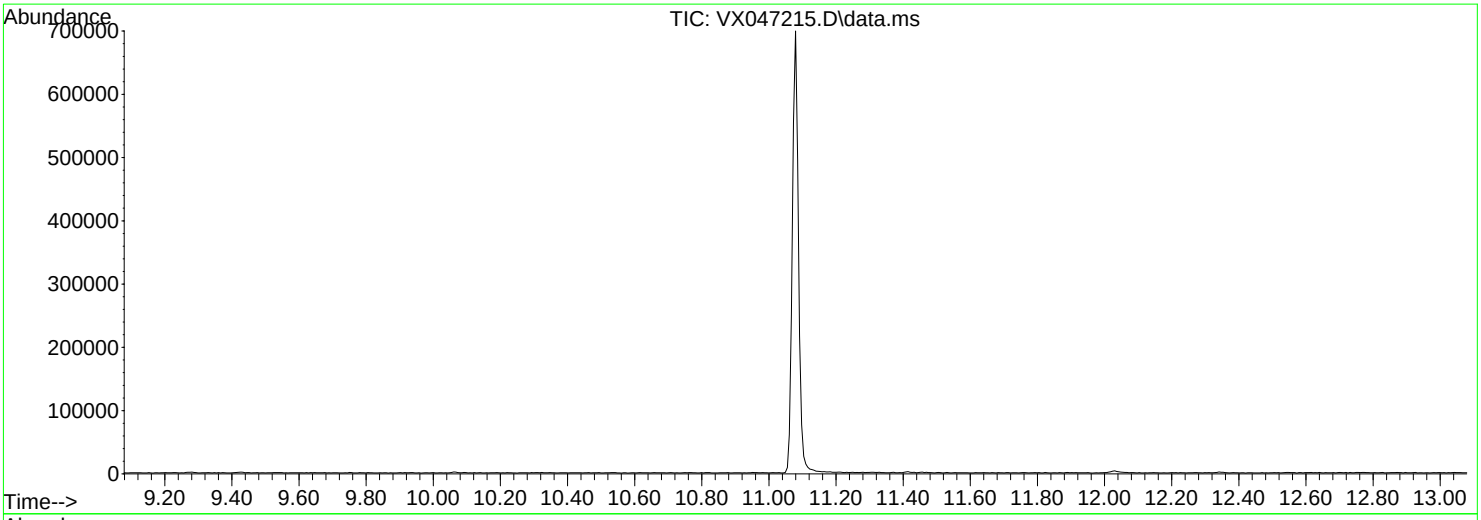
Sample Results: **VX047215.D**

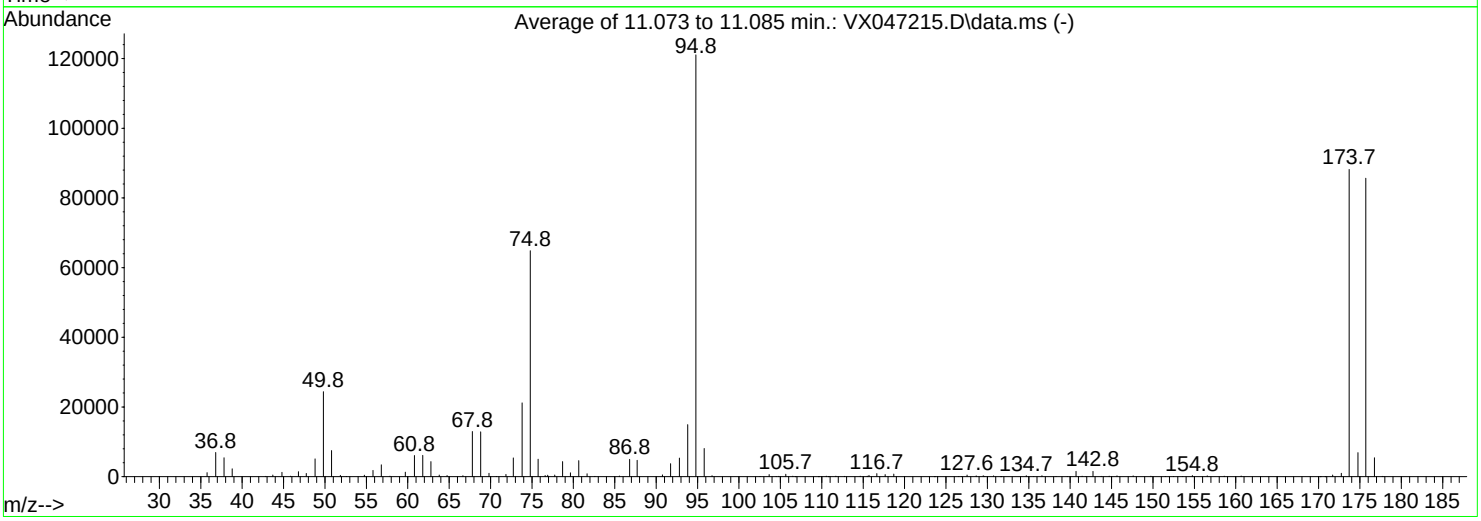
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047215.D
Acq On : 04 Aug 2025 09:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Title : SW846 8260
Last Update : Tue Jul 22 03:59:51 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	24405	PASS
75	95	30	60	53.5	64835	PASS
95	95	100	100	100.0	121075	PASS
96	95	5	9	6.7	8077	PASS
173	174	0.00	2	1.1	988	PASS
174	95	50	100	72.9	88205	PASS
175	174	5	9	7.8	6893	PASS
176	174	95	101	97.1	85659	PASS
177	176	5	9	6.3	5402	PASS

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047204.D	1	08/01/25 13:07	VX080125

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047204.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047204.D	1	08/01/25 13:07	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047204.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047204.D	1	08/01/25 13:07	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.2		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	290000	5.556			
540-36-3	1,4-Difluorobenzene	494000	6.763			
3114-55-4	Chlorobenzene-d5	446000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	228000	12.018			

Raw Data: **VX047204.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047204.D	1	08/01/25 13:07	VX080125

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\VX080125\
Data File : VX047204.D
Acq On : 01 Aug 2025 13:07
Operator : JC/MD
Sample : VX0801WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Quant Time: Aug 02 00:24:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	289784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	493740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	446060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181273	50.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.391	113	153876	50.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	466095	47.211	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.420%			
62) 4-Bromofluorobenzene	11.079	95	217133	51.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			

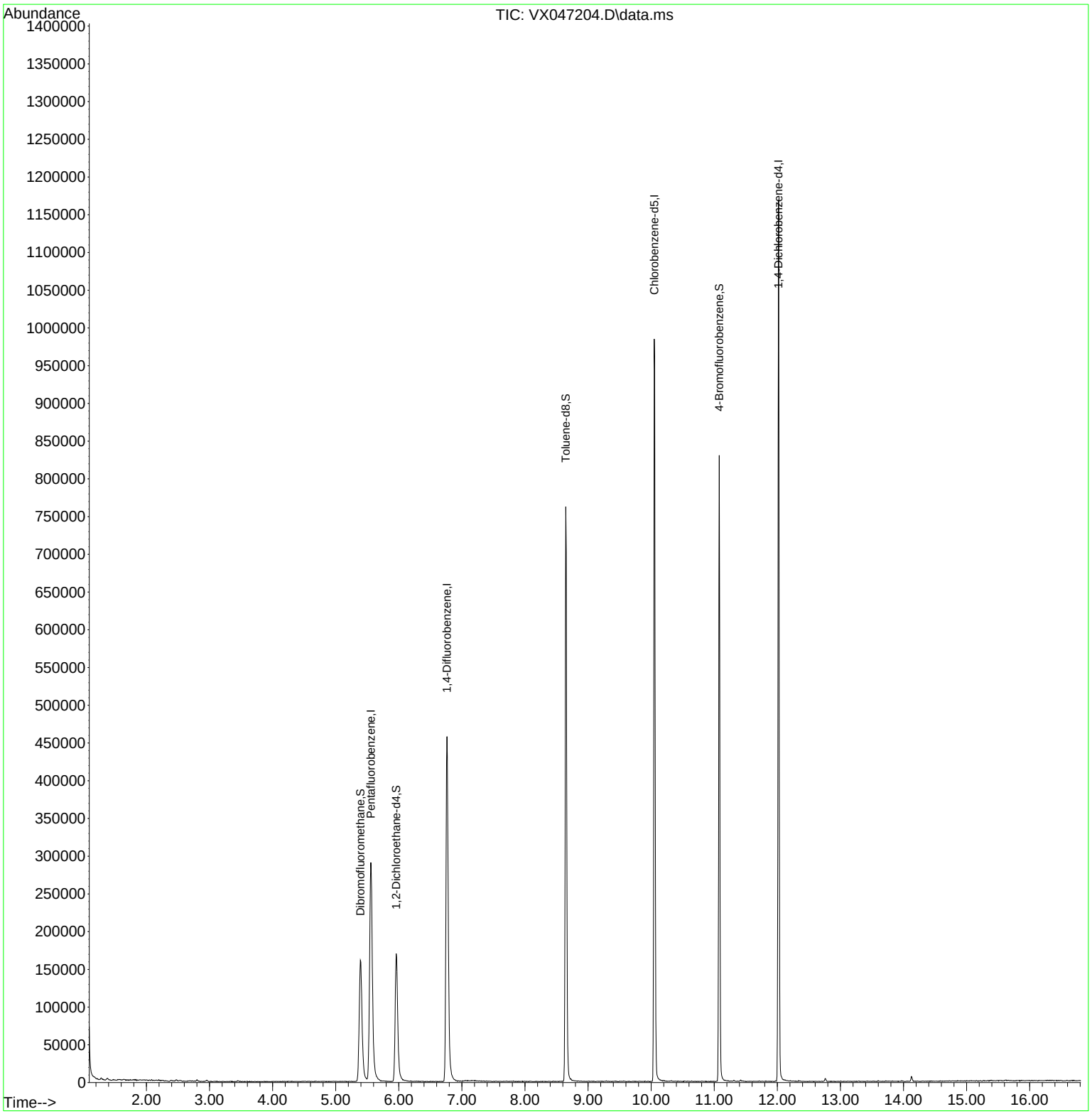
Target Compounds Qvalue

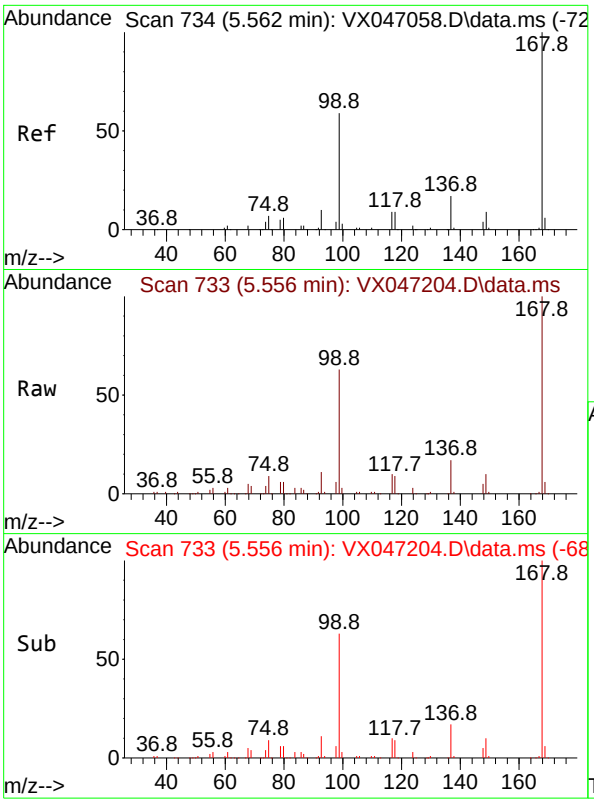
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047204.D
Acq On : 01 Aug 2025 13:07
Operator : JC/MD
Sample : VX0801WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Quant Time: Aug 02 00:24:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



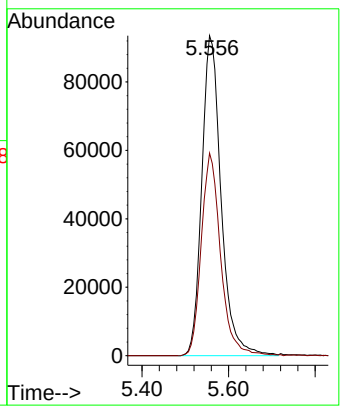


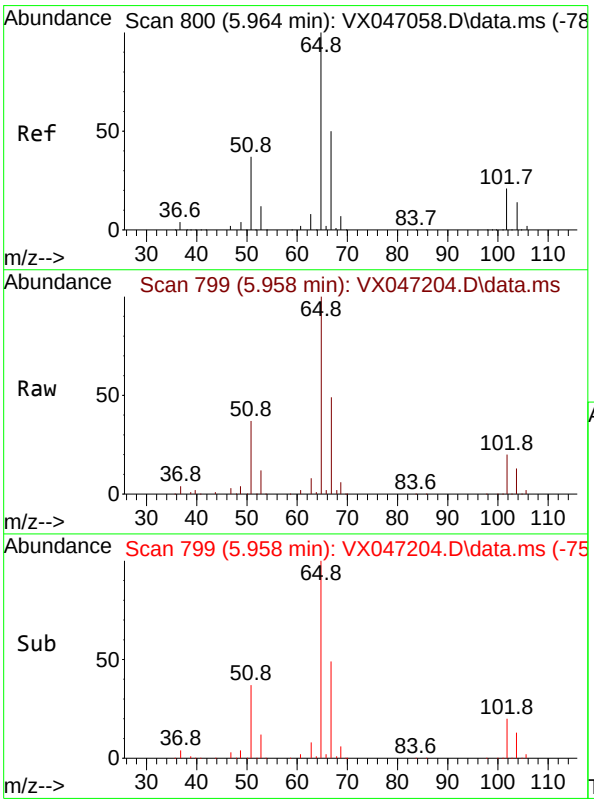
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion:168 Resp: 289784

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.0	72.0

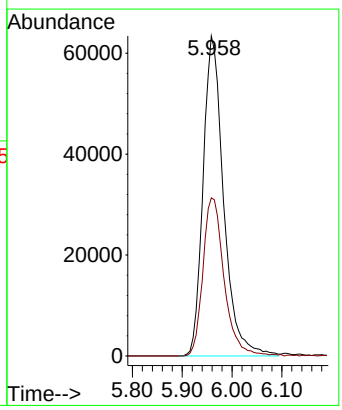


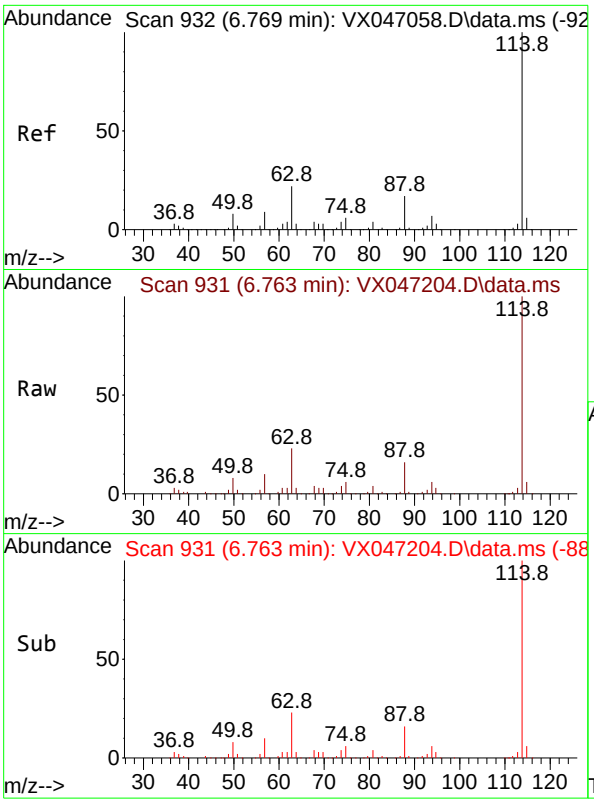


#33
1,2-Dichloroethane-d4
Concen: 50.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion: 65 Resp: 181273

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.8



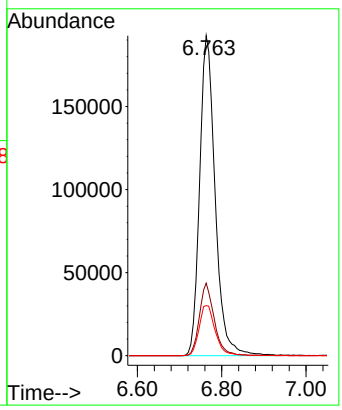


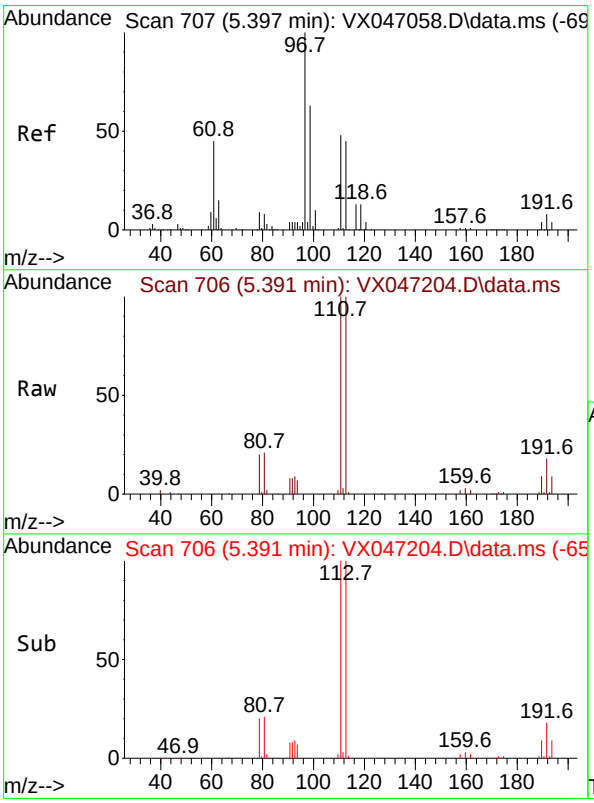
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion:114 Resp: 493740

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	15.6	0.0	33.8

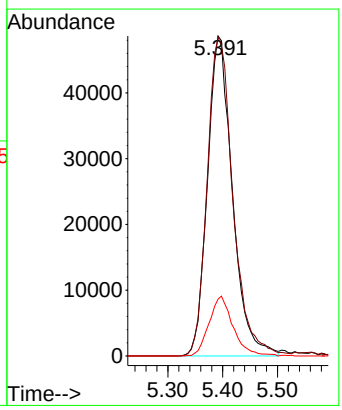


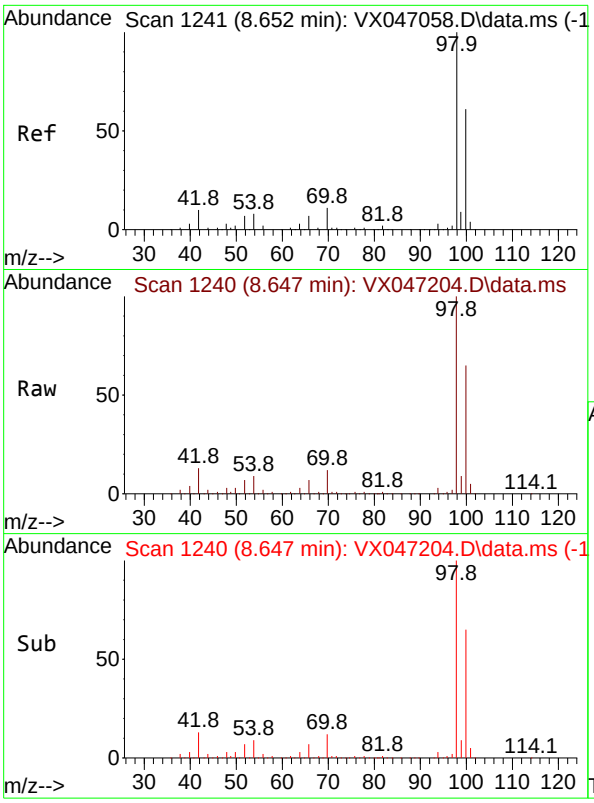


#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion:113 Resp: 153876

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.0	14.9	22.3



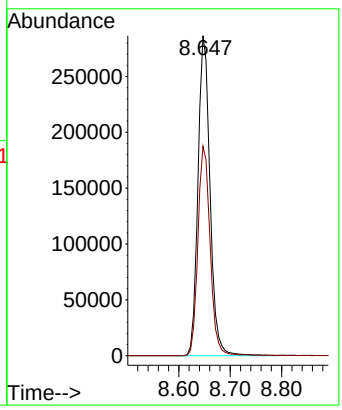


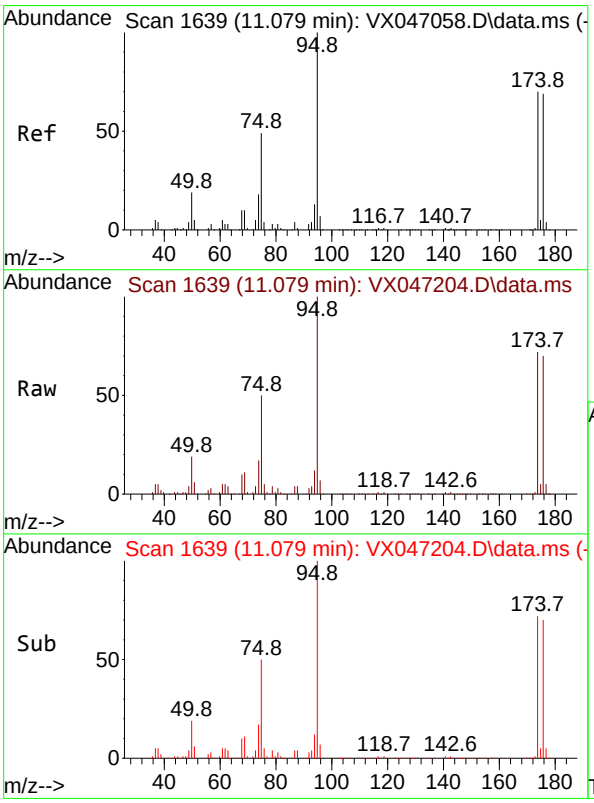
#50
Toluene-d8
Concen: 47.211 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion: 98 Resp: 466095

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

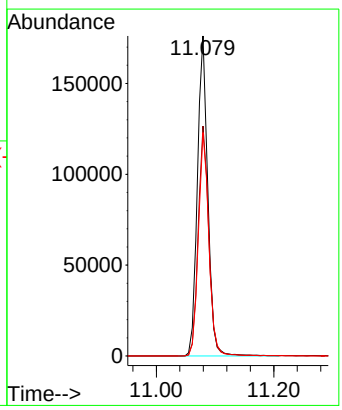


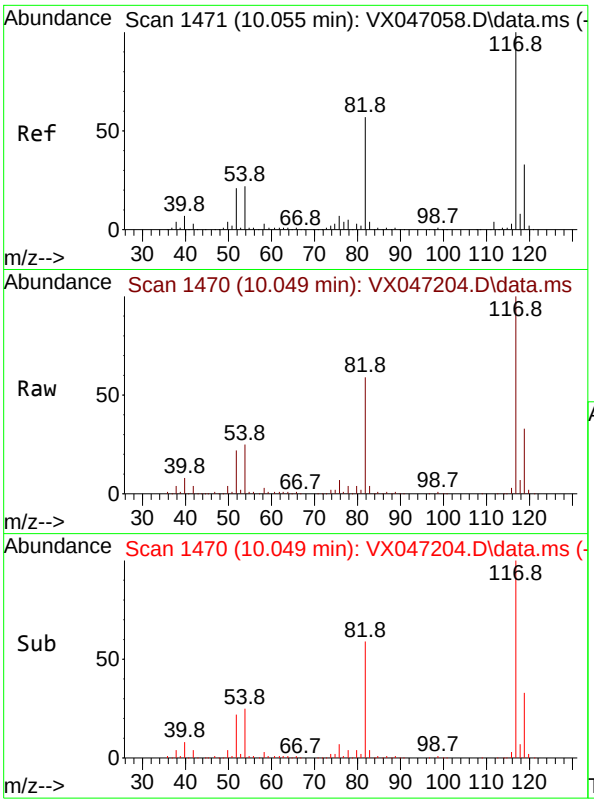


#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion: 95 Resp: 217133

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	144.6
176	70.1	0.0	139.6



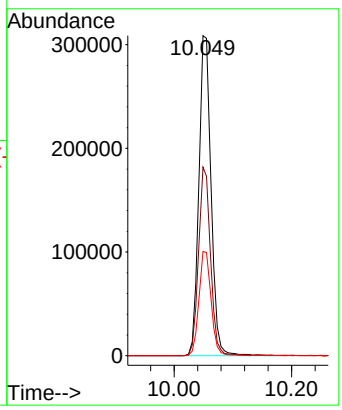


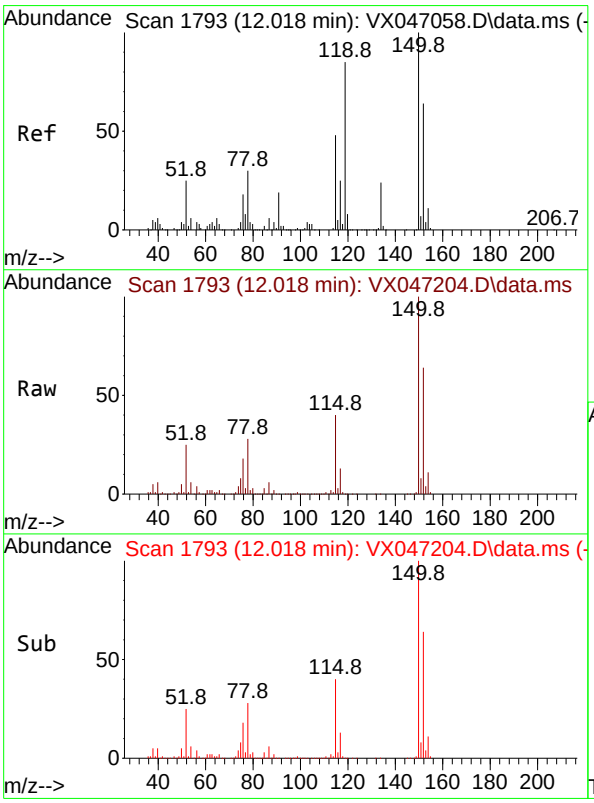
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion:117 Resp: 446060

Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.4	68.2
119	32.6	26.1	39.1

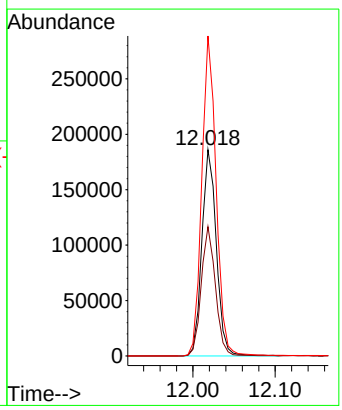




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion:152 Resp: 227682

Ion	Ratio	Lower	Upper
152	100		
115	61.6	45.6	136.7
150	154.2	0.0	354.6



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047218.D	1	08/04/25 10:37	VX080425

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047218.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047218.D	1	08/04/25 10:37	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047218.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047218.D	1	08/04/25 10:37	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.9		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	54.5		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	366000	5.556			
540-36-3	1,4-Difluorobenzene	685000	6.763			
3114-55-4	Chlorobenzene-d5	656000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	336000	12.018			

Raw Data: **VX047218.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBL01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047218.D	1	08/04/25 10:37	VX080425

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\VX080425\
Data File : VX047218.D
Acq On : 04 Aug 2025 10:37
Operator : JC/MD
Sample : VX0804WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Quant Time: Aug 05 02:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	365562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	684835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	656222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	335604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	250060	54.913	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.820%			
35) Dibromofluoromethane	5.391	113	210230	49.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.440%			
50) Toluene-d8	8.647	98	746150	54.489	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.980%			
62) 4-Bromofluorobenzene	11.079	95	315122	53.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.800%			

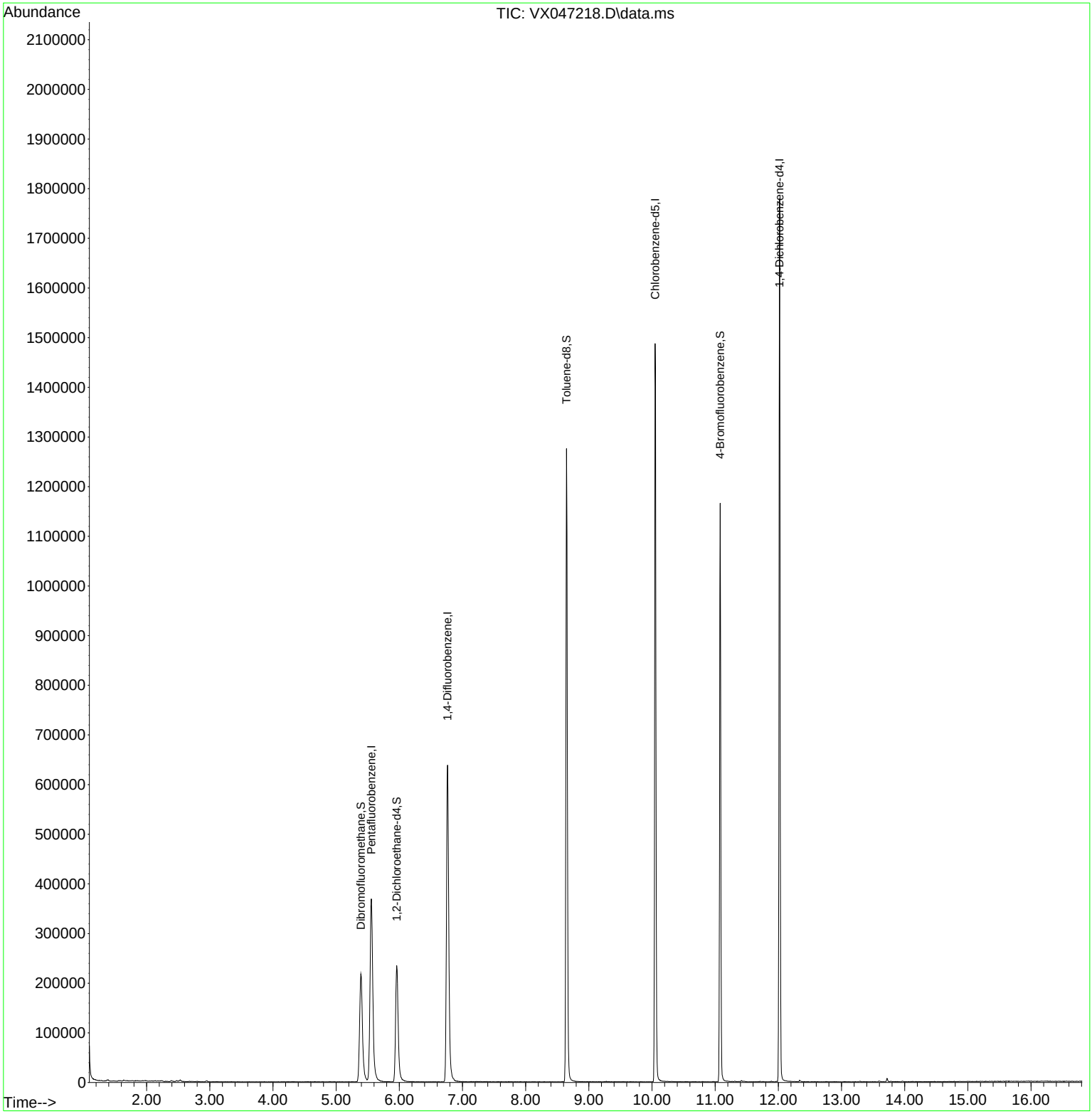
Target Compounds Qvalue

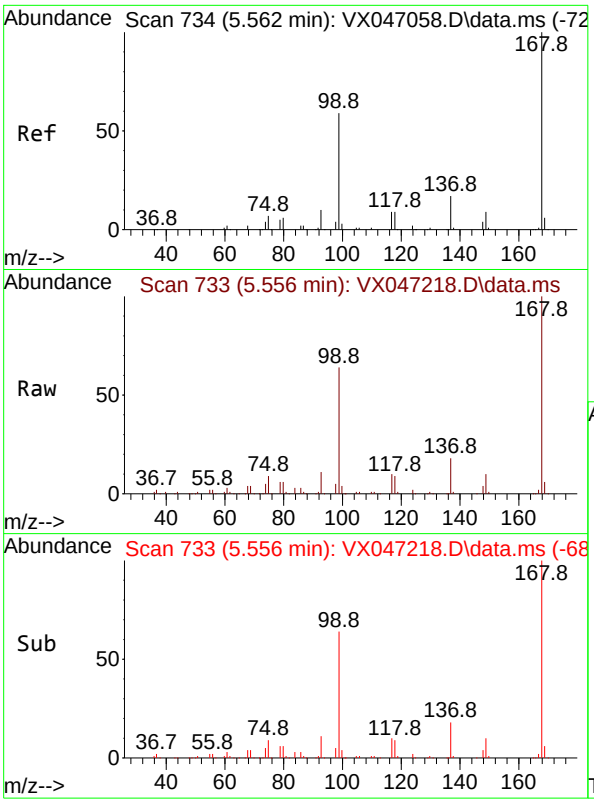
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047218.D
Acq On : 04 Aug 2025 10:37
Operator : JC/MD
Sample : VX0804WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Quant Time: Aug 05 02:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



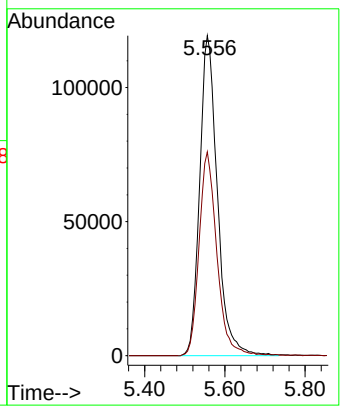


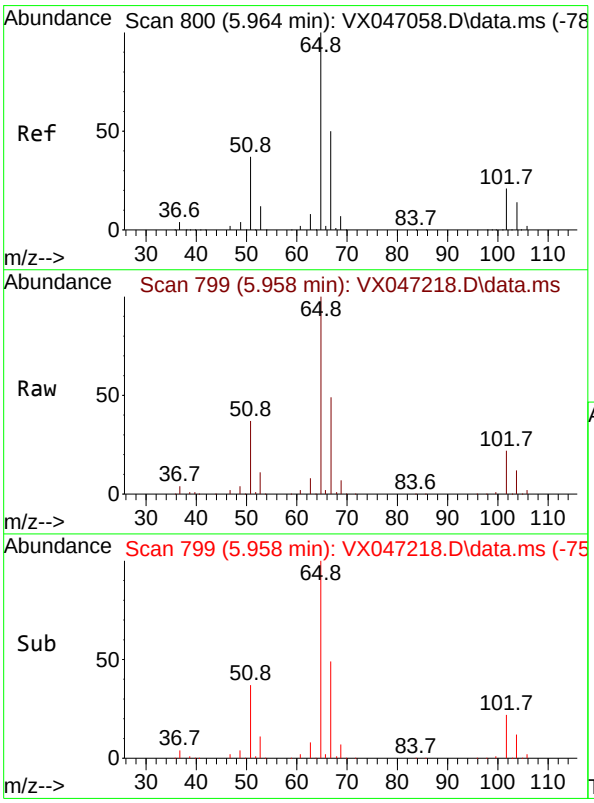
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion:168 Resp: 365562

Ion	Ratio	Lower	Upper
168	100		
99	63.7	48.0	72.0

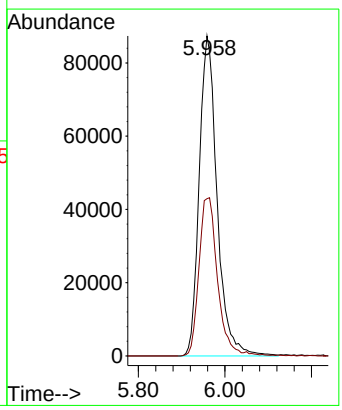


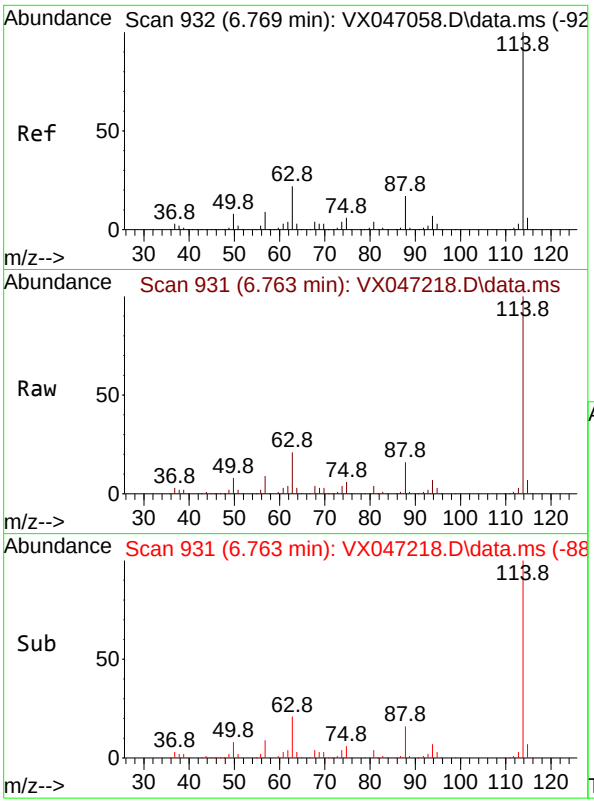


#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 65 Resp: 250060

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



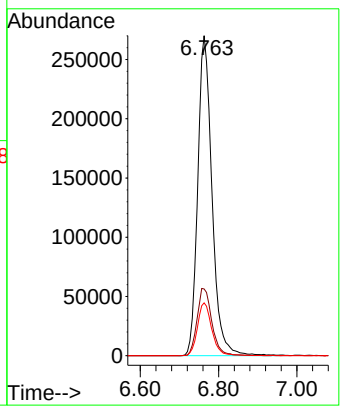


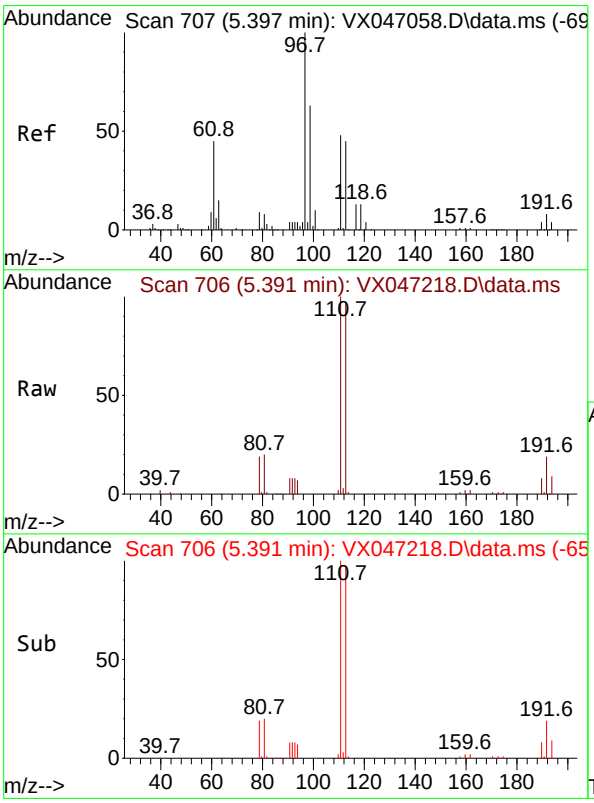
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion:114 Resp: 684835

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.5	0.0	33.8

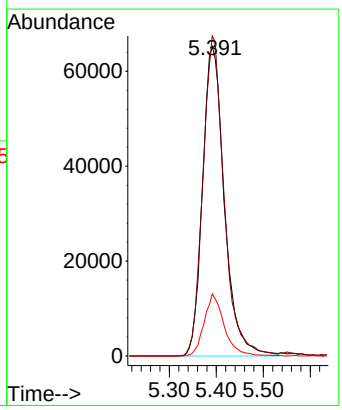


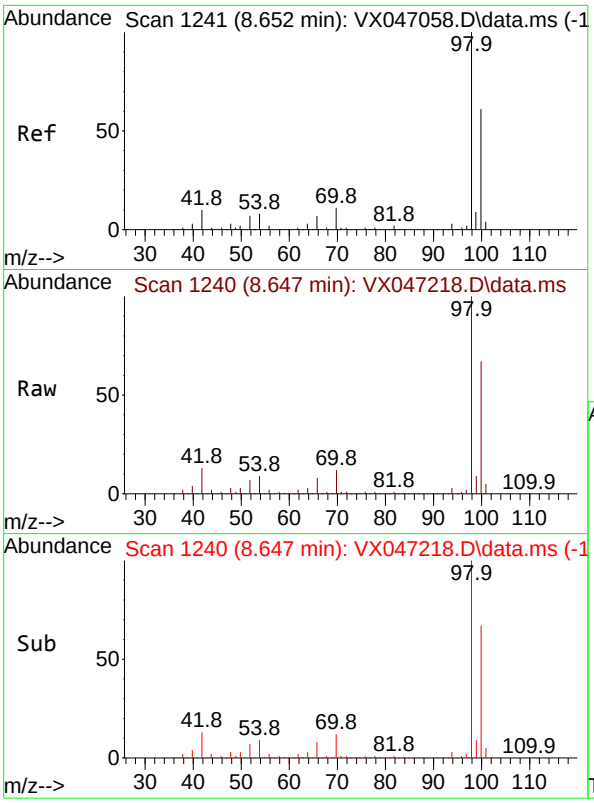


#35
Dibromofluoromethane
Concen: 49.719 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:113 Resp: 210230

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	124.0
192	18.5	14.9	22.3



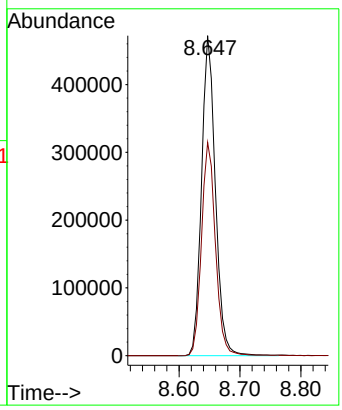


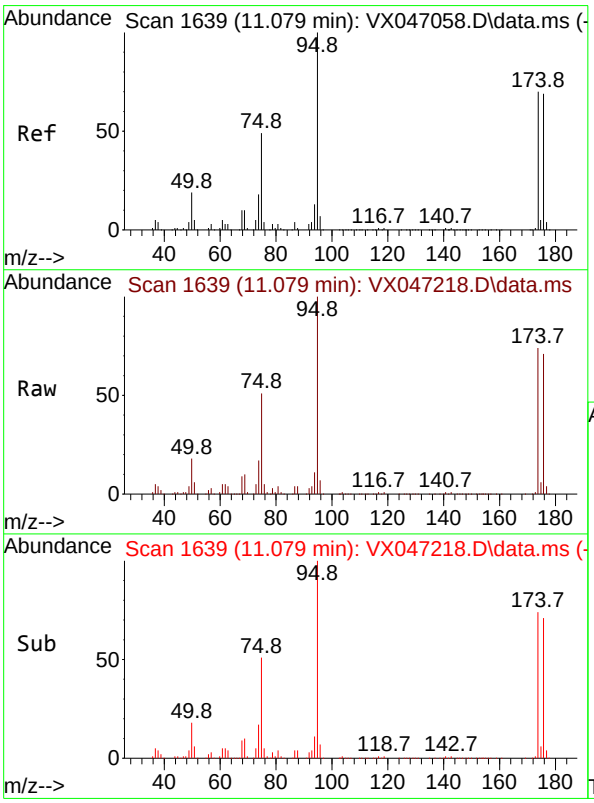
#50
Toluene-d8
Concen: 54.489 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion: 98 Resp: 746150

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9

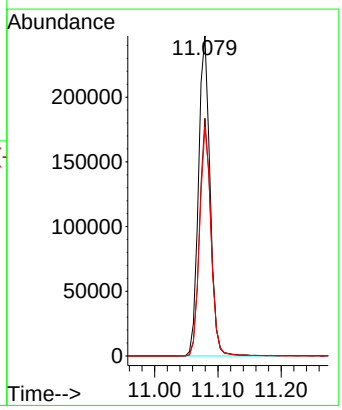


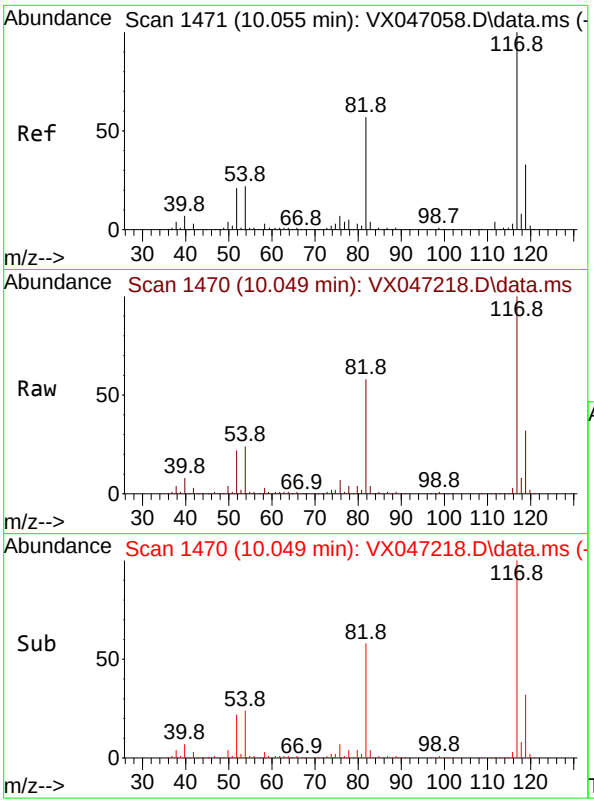


#62
4-Bromofluorobenzene
Concen: 53.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 95 Resp: 315122

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	144.6
176	70.8	0.0	139.6



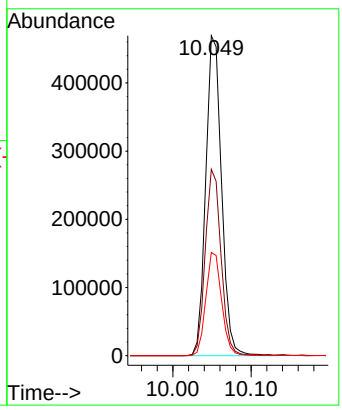


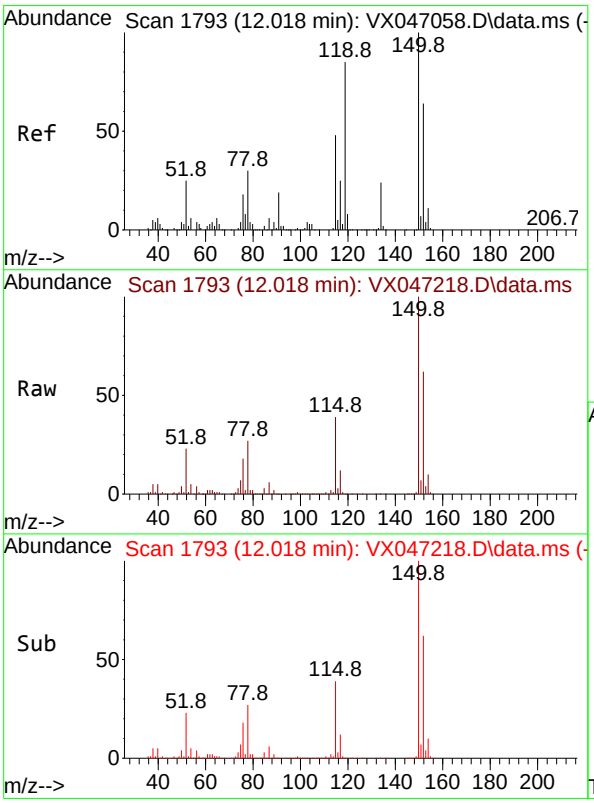
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion:117 Resp: 656222

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.4	68.2
119	32.2	26.1	39.1

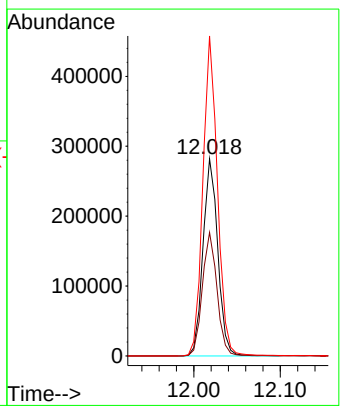




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:152 Resp: 335604

Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.6	136.7
150	159.4	0.0	354.6



Raw Data: **VX047205.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047205.D	1	08/01/25 14:52	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		0.22	1.00	ug/L
74-87-3	Chloromethane	15.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.0		0.31	1.00	ug/L
74-83-9	Bromomethane	17.3		1.40	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	69.4		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.5		0.23	1.00	ug/L
107-02-8	Acrolein	81.9		7.10	25.0	ug/L
107-13-1	Acrylonitrile	87.3		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.5		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	90.4		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.7		1.50	5.00	ug/L
78-93-3	2-Butanone	88.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.2		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.6		0.22	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.7		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.7		0.15	1.00	ug/L

Raw Data: **VX047205.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047205.D	1	08/01/25 14:52	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.0		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	87.8		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.6		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.5		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	70.1		0.30	5.00	ug/L
591-78-6	2-Hexanone	92.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.1		0.19	1.00	ug/L
67-72-1	Hexachloroethane	18.7		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	19.4		0.12	1.00	ug/L
100-42-5	Styrene	19.4		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		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	18.5		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	17.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.0		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.0		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.8		0.14	1.00	ug/L

Raw Data: **VX047205.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047205.D	1	08/01/25 14:52	VX080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.9		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.0		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.3		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.2		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.8		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	19.6		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.2		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.9		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.4		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	22.3		0.30	1.00	ug/L
91-20-3	Naphthalene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	261000	5.556			
540-36-3	1,4-Difluorobenzene	444000	6.757			
3114-55-4	Chlorobenzene-d5	390000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	196000	12.018			

Raw Data: **VX047205.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0801WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0801WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047205.D	1	08/01/25 14:52	VX080125

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

Sample Results: **VX047205.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047205.D
Acq On : 01 Aug 2025 14:52
Operator : JC/MD
Sample : VX0801WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 00:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	260557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	443908	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	390421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172712	53.212	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.385	113	149965	54.715	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	8.647	98	447498	50.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	209915	54.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	61367	17.732	ug/l	99
3) Chloromethane	1.313	50	54343	15.874	ug/l	100
4) Vinyl Chloride	1.392	62	66573	18.090	ug/l	97
5) Bromomethane	1.630	94	34572	17.294	ug/l	97
6) Chloroethane	1.709	64	41286	17.082	ug/l	99
7) Trichlorofluoromethane	1.910	101	99939	18.212	ug/l	95
8) Diethyl Ether	2.142	74	34467	17.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	61842	18.706	ug/l	99
10) Methyl Iodide	2.465	142	83538	24.793	ug/l	96
11) Tert butyl alcohol	2.953	59	29133	69.350	ug/l	100
12) 1,1-Dichloroethene	2.337	96	57300	17.499	ug/l	96
13) Acrolein	2.245	56	57224	81.882	ug/l	100
14) Allyl chloride	2.678	41	97312	16.441	ug/l	93
15) Acrylonitrile	3.074	53	135185	87.330	ug/l	99
16) Acetone	2.386	43	137548	105.786	ug/l	99
17) Carbon Disulfide	2.532	76	149657	15.798	ug/l	100
18) Methyl Acetate	2.709	43	73659	21.317	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	182236	18.287	ug/l	99
20) Methylene Chloride	2.800	84	65087	18.195	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	58611	17.492	ug/l	91
22) Diisopropyl ether	3.763	45	220332	19.361	ug/l	98
23) Vinyl Acetate	3.727	43	825219	90.411	ug/l	100
24) 1,1-Dichloroethane	3.617	63	117661	18.593	ug/l	99
25) 2-Butanone	4.562	43	167320	88.377	ug/l	99
26) 2,2-Dichloropropane	4.489	77	94162	19.222	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73981	18.645	ug/l	100
28) Bromochloromethane	4.903	49	51160	17.573	ug/l #	99
29) Tetrahydrofuran	5.013	42	99273	81.267	ug/l	97
30) Chloroform	5.092	83	122379	18.998	ug/l	100
31) Cyclohexane	5.483	56	107641	17.740	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	104280	18.638	ug/l	100
36) 1,1-Dichloropropene	5.702	75	82722	17.706	ug/l	99
37) Ethyl Acetate	4.721	43	73178	16.998	ug/l	100
38) Carbon Tetrachloride	5.684	117	91363	18.322	ug/l	94
39) Methylcyclohexane	7.379	83	103081	17.671	ug/l	98
40) Benzene	6.043	78	248626	18.388	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047205.D
Acq On : 01 Aug 2025 14:52
Operator : JC/MD
Sample : VX0801WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 00:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37165	16.511 ug/l #	87
42) 1,2-Dichloroethane	6.092	62	90390	18.978 ug/l	98
43) Isopropyl Acetate	6.342	43	117876	17.564 ug/l	99
44) Trichloroethene	7.129	130	60976	17.587 ug/l	90
45) 1,2-Dichloropropane	7.427	63	62537	18.467 ug/l	99
46) Dibromomethane	7.580	93	45033	18.963 ug/l	98
47) Bromodichloromethane	7.818	83	95100	18.815 ug/l	95
48) Methyl methacrylate	7.696	41	61048	16.697 ug/l	100
49) 1,4-Dioxane	7.708	88	14382	345.854 ug/l	95
51) 4-Methyl-2-Pentanone	8.567	43	350162	87.778 ug/l	98
52) Toluene	8.714	92	153500	18.464 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85377	17.887 ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97086	18.584 ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	58129	18.644 ug/l	99
56) Ethyl methacrylate	9.116	69	85267	18.473 ug/l	98
57) 1,3-Dichloropropane	9.305	76	100185	18.489 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	180156	70.141 ug/l	100
59) 2-Hexanone	9.427	43	242484	92.004 ug/l	100
60) Dibromochloromethane	9.518	129	68817	18.820 ug/l	99
61) 1,2-Dibromoethane	9.604	107	59680	18.306 ug/l	99
64) Tetrachloroethene	9.275	164	51851	18.423 ug/l	97
65) Chlorobenzene	10.079	112	172306	18.839 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58850	19.111 ug/l	98
67) Ethyl Benzene	10.189	91	304743	19.056 ug/l	99
68) m/p-Xylenes	10.299	106	227424	38.002 ug/l	100
69) o-Xylene	10.640	106	110208	19.358 ug/l	99
70) Styrene	10.652	104	189366	19.398 ug/l	100
71) Bromoform	10.799	173	43915	18.774 ug/l #	99
73) Isopropylbenzene	10.957	105	295890	19.165 ug/l	99
74) N-amyl acetate	10.841	43	104726	16.811 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	81720	18.530 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63811m	17.616 ug/l	
77) Bromobenzene	11.195	156	70187	18.953 ug/l	99
78) n-propylbenzene	11.299	91	351150	19.033 ug/l	100
79) 2-Chlorotoluene	11.360	91	207734	18.836 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241126	18.904 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14112	10.037 ug/l	94
82) 4-Chlorotoluene	11.451	91	245026	19.034 ug/l	100
83) tert-Butylbenzene	11.713	119	246830	19.280 ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	243945	19.175 ug/l	99
85) sec-Butylbenzene	11.884	105	317442	19.845 ug/l	99
86) p-Isopropyltoluene	12.006	119	260299	19.623 ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	134900	19.172 ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133705	18.756 ug/l	99
89) n-Butylbenzene	12.329	91	247757	19.916 ug/l	99
90) Hexachloroethane	12.536	117	44425	18.721 ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	129674	19.283 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14701	17.366 ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	86373	19.440 ug/l	100
94) Hexachlorobutadiene	13.719	225	33724	22.318 ug/l	95
95) Naphthalene	13.774	128	243201	18.671 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	82867	19.359 ug/l	99

Sample Results: **VX047205.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047205.D
Acq On : 01 Aug 2025 14:52
Operator : JC/MD
Sample : VX0801WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

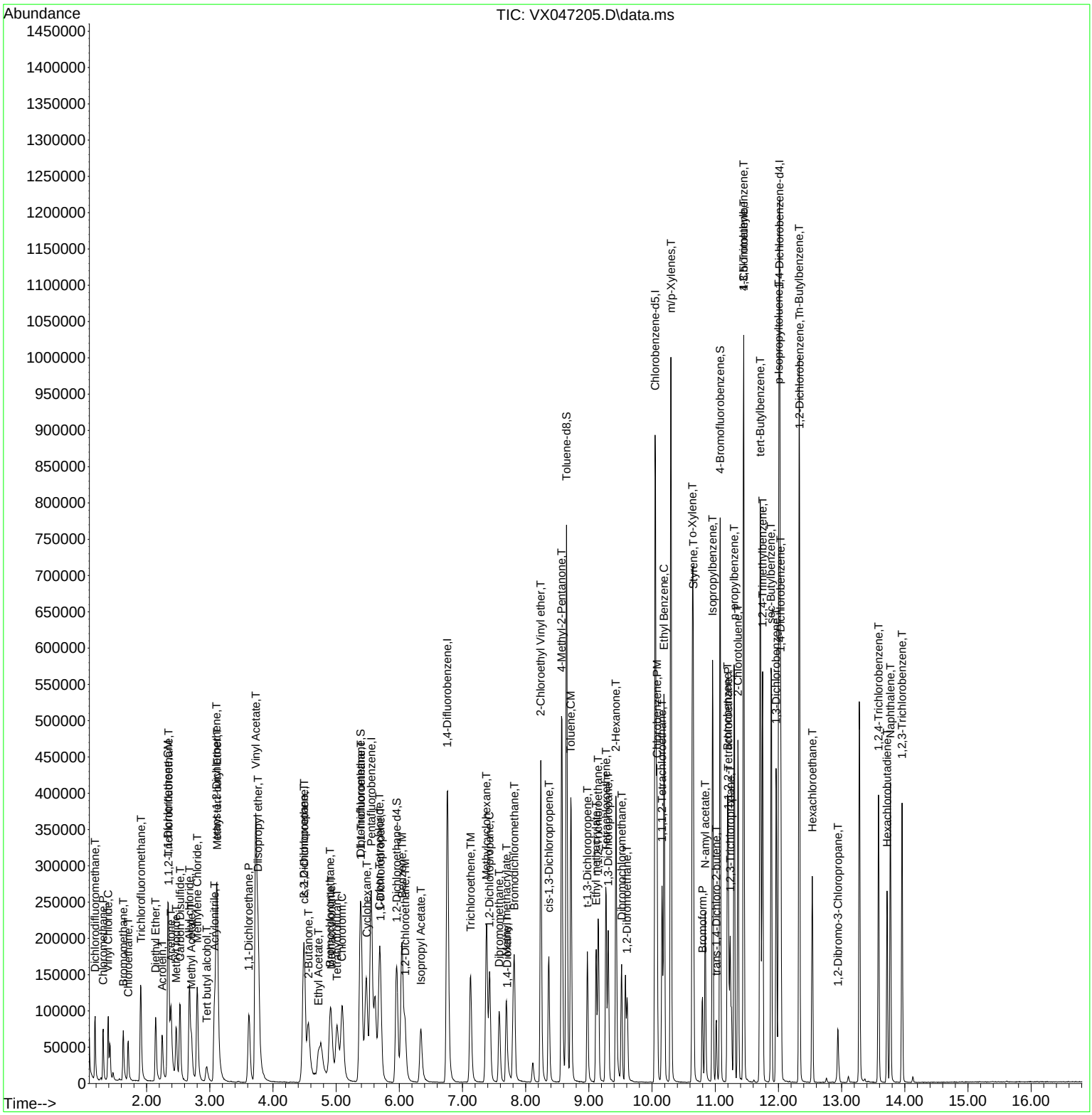
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047205.D
Acq On : 01 Aug 2025 14:52
Operator : JC/MD
Sample : VX0801WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 00:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



Raw Data: **VX047219.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047219.D	1	08/04/25 11:04	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.9		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.2		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.6		0.31	1.00	ug/L
74-83-9	Bromomethane	18.0		1.40	5.00	ug/L
75-00-3	Chloroethane	17.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	73.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.0		0.23	1.00	ug/L
107-02-8	Acrolein	69.4		7.10	25.0	ug/L
107-13-1	Acrylonitrile	93.1		0.83	5.00	ug/L
67-64-1	Acetone	95.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	93.7		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.50	5.00	ug/L
78-93-3	2-Butanone	90.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.0		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.9		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.9		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.1		0.15	1.00	ug/L

Raw Data: **VX047219.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047219.D	1	08/04/25 11:04	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.9		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	94.2		0.68	5.00	ug/L
108-88-3	Toluene	20.2		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.3		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	92.0		0.30	5.00	ug/L
591-78-6	2-Hexanone	95.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.4		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	21.0		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.6		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.3		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	20.4		0.12	1.00	ug/L
100-42-5	Styrene	20.6		0.15	1.00	ug/L
75-25-2	Bromoform	20.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.9		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.2		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.3		0.14	1.00	ug/L

Raw Data: **VX047219.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047219.D	1	08/04/25 11:04	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.5		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.3		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.7		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.7		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.5		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.5		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	22.3		0.30	1.00	ug/L
91-20-3	Naphthalene	19.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	59.9		75 - 124	120%	SPK: 50
2037-26-5	Toluene-d8	55.3		86 - 113	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.8		77 - 121	118%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	266000	5.556			
540-36-3	1,4-Difluorobenzene	440000	6.763			
3114-55-4	Chlorobenzene-d5	393000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	198000	12.018			

Raw Data: **VX047219.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBS01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047219.D	1	08/04/25 11:04	VX080425

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\VX080425\
Data File : VX047219.D
Acq On : 04 Aug 2025 11:04
Operator : JC/MD
Sample : VX0804WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 02:55:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	265860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	393052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187532	56.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.260%			
35) Dibromofluoromethane	5.391	113	162762	59.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.880%			
50) Toluene-d8	8.647	98	486309	55.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.600%			
62) 4-Bromofluorobenzene	11.079	95	222710	58.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	66701	18.888	ug/l	96
3) Chloromethane	1.313	50	58320	16.696	ug/l	97
4) Vinyl Chloride	1.392	62	72174	19.221	ug/l	93
5) Bromomethane	1.630	94	36761	18.023	ug/l	98
6) Chloroethane	1.709	64	43637	17.694	ug/l	98
7) Trichlorofluoromethane	1.910	101	110313	19.702	ug/l	97
8) Diethyl Ether	2.148	74	37235	18.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	67060	19.880	ug/l	99
10) Methyl Iodide	2.471	142	86911	25.280	ug/l	95
11) Tert butyl alcohol	2.947	59	31092	73.030	ug/l #	85
12) 1,1-Dichloroethene	2.337	96	63398	18.975	ug/l	99
13) Acrolein	2.245	56	49518	69.442	ug/l	96
14) Allyl chloride	2.678	41	107116	17.736	ug/l	94
15) Acrylonitrile	3.075	53	147088	93.125	ug/l	99
16) Acetone	2.386	43	127202	95.878	ug/l	100
17) Carbon Disulfide	2.526	76	161617	16.721	ug/l	99
18) Methyl Acetate	2.709	43	80876	22.939	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	198898	19.561	ug/l	98
20) Methylene Chloride	2.806	84	70256	19.249	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	65595	19.186	ug/l	98
22) Diisopropyl ether	3.763	45	237282	20.435	ug/l	96
23) Vinyl Acetate	3.727	43	872200	93.652	ug/l	98
24) 1,1-Dichloroethane	3.617	63	127160	19.694	ug/l	98
25) 2-Butanone	4.562	43	174219	90.185	ug/l	98
26) 2,2-Dichloropropane	4.483	77	99310	19.869	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	81221	20.061	ug/l	98
28) Bromochloromethane	4.910	49	64923	21.855	ug/l	99
29) Tetrahydrofuran	5.019	42	104842	84.114	ug/l	97
30) Chloroform	5.099	83	132079	20.095	ug/l	97
31) Cyclohexane	5.477	56	115340	18.630	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	114221	20.008	ug/l	100
36) 1,1-Dichloropropene	5.702	75	88476	19.114	ug/l	98
37) Ethyl Acetate	4.721	43	74953	17.573	ug/l	98
38) Carbon Tetrachloride	5.684	117	98957	20.030	ug/l	95
39) Methylcyclohexane	7.385	83	107404	18.584	ug/l	100
40) Benzene	6.044	78	267500	19.969	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047219.D
Acq On : 04 Aug 2025 11:04
Operator : JC/MD
Sample : VX0804WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 02:55:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	41432	18.578	ug/l	#	92
42) 1,2-Dichloroethane	6.092	62	97872	20.741	ug/l		98
43) Isopropyl Acetate	6.342	43	126600	19.039	ug/l		100
44) Trichloroethene	7.129	130	65855	19.171	ug/l		99
45) 1,2-Dichloropropane	7.434	63	68146	20.311	ug/l		96
46) Dibromomethane	7.586	93	49061	20.852	ug/l		98
47) Bromodichloromethane	7.824	83	104509	20.869	ug/l		99
48) Methyl methacrylate	7.696	41	64766	17.879	ug/l		99
49) 1,4-Dioxane	7.714	88	15102	366.555	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	372300	94.198	ug/l		98
52) Toluene	8.720	92	165988	20.152	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	92412	19.541	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	103998	20.093	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	63139	20.440	ug/l		98
56) Ethyl methacrylate	9.116	69	89129	19.490	ug/l		98
57) 1,3-Dichloropropane	9.305	76	109147	20.331	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	234142	92.010	ug/l		100
59) 2-Hexanone	9.427	43	248422	95.136	ug/l		100
60) Dibromochloromethane	9.519	129	76722	21.177	ug/l		99
61) 1,2-Dibromoethane	9.610	107	63762	19.741	ug/l		99
64) Tetrachloroethene	9.275	164	54797	19.339	ug/l		97
65) Chlorobenzene	10.079	112	187570	20.370	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65012	20.971	ug/l		98
67) Ethyl Benzene	10.195	91	326390	20.273	ug/l		100
68) m/p-Xylenes	10.299	106	241577	40.097	ug/l		99
69) o-Xylene	10.640	106	117156	20.441	ug/l		100
70) Styrene	10.652	104	202733	20.628	ug/l		99
71) Bromoform	10.799	173	47843	20.316	ug/l	#	100
73) Isopropylbenzene	10.963	105	315413	20.149	ug/l		100
74) N-amyl acetate	10.841	43	110875	17.554	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88404	19.771	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	69575m	18.944	ug/l		
77) Bromobenzene	11.195	156	75877	20.209	ug/l		98
78) n-propylbenzene	11.299	91	378851	20.253	ug/l		99
79) 2-Chlorotoluene	11.360	91	227174	20.316	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	264493	20.452	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	17866	12.533	ug/l		98
82) 4-Chlorotoluene	11.451	91	265305	20.327	ug/l		98
83) tert-Butylbenzene	11.713	119	264625	20.387	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	266971	20.697	ug/l		99
85) sec-Butylbenzene	11.890	105	335341	20.677	ug/l		99
86) p-Isopropyltoluene	12.006	119	275328	20.471	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	143051	20.052	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	147529	20.411	ug/l		96
89) n-Butylbenzene	12.329	91	258018	20.457	ug/l		99
90) Hexachloroethane	12.536	117	49536	20.588	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	137920	20.227	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17117	19.943	ug/l		92
93) 1,2,4-Trichlorobenzene	13.585	180	90782	20.152	ug/l		99
94) Hexachlorobutadiene	13.719	225	34160	22.296	ug/l		99
95) Naphthalene	13.774	128	256224	19.401	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	88102	20.300	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047219.D
Acq On : 04 Aug 2025 11:04
Operator : JC/MD
Sample : VX0804WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:55:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

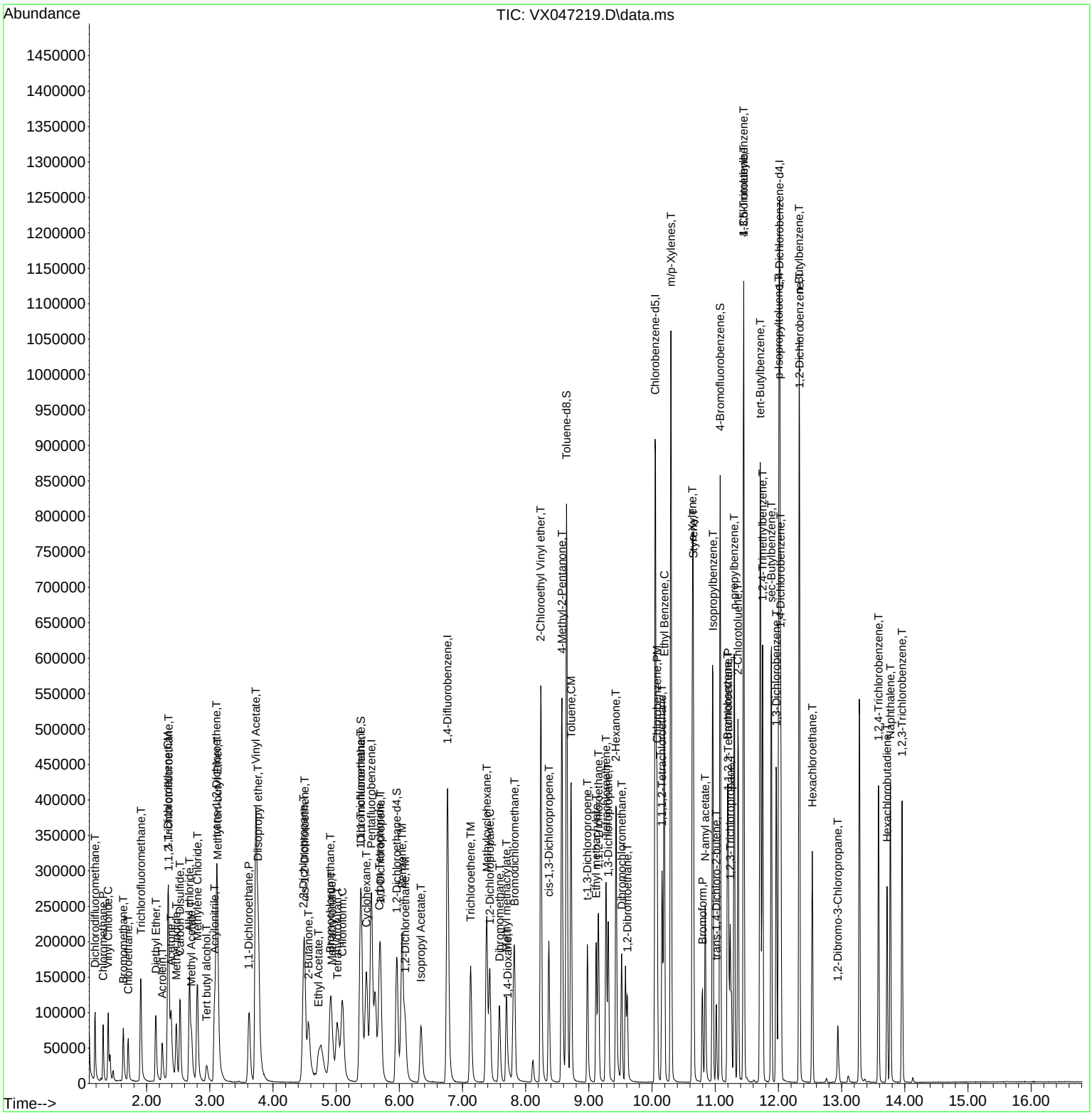
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047219.D
Acq On : 04 Aug 2025 11:04
Operator : JC/MD
Sample : VX0804WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 02:55:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



Raw Data: **VX047222.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBSD01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047222.D	1	08/04/25 12:21	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	17.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	20.6		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.9		0.31	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	18.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	70.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	1.00	ug/L
107-02-8	Acrolein	72.2		7.10	25.0	ug/L
107-13-1	Acrylonitrile	96.3		0.83	5.00	ug/L
67-64-1	Acetone	98.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.6		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	99.5		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	21.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	92.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.0		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	20.9		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.3		0.22	1.00	ug/L
67-66-3	Chloroform	21.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.7		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.9		0.15	1.00	ug/L

Raw Data: **VX047222.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBSD01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047222.D	1	08/04/25 12:21	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	20.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.0		0.20	1.00	ug/L
74-95-3	Dibromomethane	21.2		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	96.2		0.68	5.00	ug/L
108-88-3	Toluene	21.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.0		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	87.5		0.30	5.00	ug/L
591-78-6	2-Hexanone	98.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	21.0		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.9		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.4		0.24	2.00	ug/L
95-47-6	o-Xylene	20.7		0.12	1.00	ug/L
100-42-5	Styrene	21.1		0.15	1.00	ug/L
75-25-2	Bromoform	20.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.4		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.6		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.4		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.6		0.14	1.00	ug/L

Raw Data: **VX047222.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBSD01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047222.D	1	08/04/25 12:21	VX080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.7		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.9		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.7		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.9		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.9		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.8		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.5		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.8		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.0		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	21.5		0.30	1.00	ug/L
91-20-3	Naphthalene	19.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	45.9		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	263000	5.556			
540-36-3	1,4-Difluorobenzene	451000	6.763			
3114-55-4	Chlorobenzene-d5	405000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	204000	12.018			

Raw Data: **VX047222.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0804WBSD01	SDG No.:	Q2744
Lab Sample ID:	VX0804WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047222.D	1	08/04/25 12:21	VX080425

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\VX080425\
Data File : VX047222.D
Acq On : 04 Aug 2025 12:21
Operator : JC/MD
Sample : VX0804WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 02:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	262763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	204485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159511	48.732	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.460%			
35) Dibromofluoromethane	5.391	113	136982	49.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	8.647	98	413213	45.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.700%#			
62) 4-Bromofluorobenzene	11.079	95	188612	48.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	69259	19.844	ug/l	98
3) Chloromethane	1.313	50	59716	17.297	ug/l	99
4) Vinyl Chloride	1.392	62	76535	20.623	ug/l	98
5) Bromomethane	1.630	94	37715	18.708	ug/l	95
6) Chloroethane	1.709	64	45619	18.716	ug/l	99
7) Trichlorofluoromethane	1.904	101	117742	21.277	ug/l	98
8) Diethyl Ether	2.148	74	40008	20.505	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	69764	20.925	ug/l	100
10) Methyl Iodide	2.471	142	90477	26.627	ug/l	97
11) Tert butyl alcohol	2.953	59	29930	70.850	ug/l	98
12) 1,1-Dichloroethene	2.337	96	66123	20.024	ug/l	97
13) Acrolein	2.245	56	50915	72.243	ug/l	99
14) Allyl chloride	2.678	41	110944	18.586	ug/l	95
15) Acrylonitrile	3.075	53	150301	96.280	ug/l	99
16) Acetone	2.386	43	129405	98.688	ug/l	99
17) Carbon Disulfide	2.526	76	166770	17.457	ug/l	100
18) Methyl Acetate	2.709	43	82032	23.541	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	207568	20.654	ug/l	95
20) Methylene Chloride	2.800	84	73754	20.445	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	69591	20.594	ug/l	99
22) Diisopropyl ether	3.763	45	250831	21.856	ug/l	99
23) Vinyl Acetate	3.727	43	915494	99.459	ug/l	100
24) 1,1-Dichloroethane	3.623	63	135386	21.215	ug/l	98
25) 2-Butanone	4.562	43	176719	92.557	ug/l	95
26) 2,2-Dichloropropane	4.483	77	103010	20.852	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	81991	20.490	ug/l	98
28) Bromochloromethane	4.904	49	62481	21.281	ug/l	99
29) Tetrahydrofuran	5.019	42	107500	87.263	ug/l	96
30) Chloroform	5.099	83	138949	21.390	ug/l	97
31) Cyclohexane	5.477	56	118202	19.317	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	120949	21.436	ug/l	98
36) 1,1-Dichloropropene	5.702	75	94407	19.902	ug/l	99
37) Ethyl Acetate	4.721	43	78286	17.910	ug/l	98
38) Carbon Tetrachloride	5.684	117	101256	20.000	ug/l	98
39) Methylcyclohexane	7.379	83	116499	19.670	ug/l	98
40) Benzene	6.044	78	280763	20.452	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047222.D
Acq On : 04 Aug 2025 12:21
Operator : JC/MD
Sample : VX0804WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 02:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	45138	19.750	ug/l	#	89
42) 1,2-Dichloroethane	6.092	62	103608	21.425	ug/l		98
43) Isopropyl Acetate	6.342	43	132246	19.407	ug/l		99
44) Trichloroethene	7.129	130	70668	20.075	ug/l		98
45) 1,2-Dichloropropane	7.427	63	72334	21.038	ug/l		99
46) Dibromomethane	7.580	93	51047	21.172	ug/l		99
47) Bromodichloromethane	7.824	83	109158	21.270	ug/l		100
48) Methyl methacrylate	7.696	41	68972	18.580	ug/l		99
49) 1,4-Dioxane	7.720	88	15602	369.534	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	389489	96.164	ug/l		98
52) Toluene	8.714	92	178509	21.148	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	99886	20.611	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	109711	20.684	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	67436	21.303	ug/l		99
56) Ethyl methacrylate	9.116	69	94372	20.138	ug/l		98
57) 1,3-Dichloropropane	9.305	76	115754	21.040	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	228146	87.486	ug/l		99
59) 2-Hexanone	9.427	43	262933	98.258	ug/l		99
60) Dibromochloromethane	9.519	129	81036	21.827	ug/l		100
61) 1,2-Dibromoethane	9.610	107	66459	20.078	ug/l		98
64) Tetrachloroethene	9.275	164	57664	19.742	ug/l		96
65) Chlorobenzene	10.079	112	197600	20.818	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67192	21.025	ug/l		99
67) Ethyl Benzene	10.189	91	344191	20.739	ug/l		98
68) m/p-Xylenes	10.299	106	256899	41.364	ug/l		99
69) o-Xylene	10.640	106	122103	20.666	ug/l		97
70) Styrene	10.652	104	213512	21.074	ug/l		99
71) Bromoform	10.799	173	49190	20.263	ug/l	#	100
73) Isopropylbenzene	10.957	105	335529	20.798	ug/l		99
74) N-amyl acetate	10.841	43	117612	18.068	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93153	20.215	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	73270m	19.358	ug/l		
77) Bromobenzene	11.195	156	79752	20.611	ug/l		99
78) n-propylbenzene	11.299	91	392502	20.360	ug/l		99
79) 2-Chlorotoluene	11.360	91	237650	20.622	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	275971	20.706	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	19612	13.350	ug/l		98
82) 4-Chlorotoluene	11.451	91	280484	20.852	ug/l		99
83) tert-Butylbenzene	11.713	119	276938	20.702	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	277233	20.854	ug/l		99
85) sec-Butylbenzene	11.890	105	349827	20.930	ug/l		99
86) p-Isopropyltoluene	12.006	119	288755	20.833	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	151878	20.657	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	152655	20.494	ug/l		97
89) n-Butylbenzene	12.329	91	270945	20.844	ug/l		98
90) Hexachloroethane	12.536	117	51705	20.852	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	146103	20.792	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16577	18.740	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	97588	21.020	ug/l		97
94) Hexachlorobutadiene	13.725	225	33988	21.526	ug/l		96
95) Naphthalene	13.774	128	270632	19.884	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	91214	20.393	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047222.D
Acq On : 04 Aug 2025 12:21
Operator : JC/MD
Sample : VX0804WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 05 02:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

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\VX080425\
Data File : VX047222.D
Acq On : 04 Aug 2025 12:21
Operator : JC/MD
Sample : VX0804WBSD01
Misc : 5.0mL/MSVOA_X/WATER
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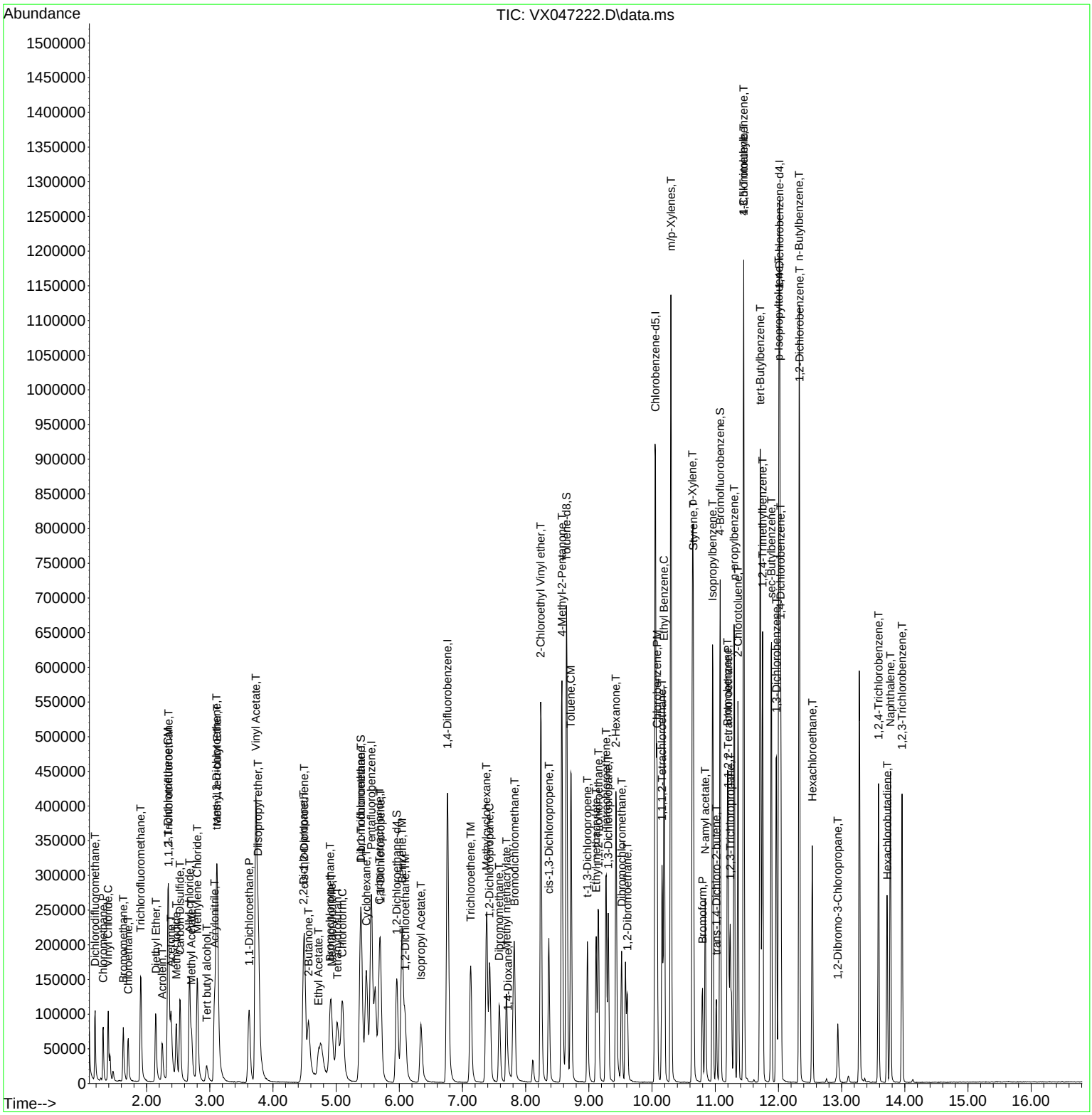
Quant Time: Aug 05 02:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



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

Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047055.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dichlorobenzene	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dioxane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Ethyl Acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Methyl methacrylate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	N-amyl acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	Ethyl Acetate	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC020	VX047057.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:18 AM	MMDadoda	7/22/2025 1:41:03 PM	Peak Integrated by Software
VSTDICCC050	VX047058.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:23 AM	MMDadoda	7/22/2025 1:41:05 PM	Peak Integrated by Software
VSTDICC100	VX047059.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:28 AM	MMDadoda	7/22/2025 1:41:08 PM	Peak Integrated by Software
VSTDICC150	VX047060.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:32 AM	MMDadoda	7/22/2025 1:41:09 PM	Peak Integrated by Software
VSTDICV050	VX047062.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX047062.D	1,4-Dioxane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX080125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047202.D	1,2,3-Trichloropropane	JOHN	8/4/2025 8:48:59 AM	MMDadoda	8/4/2025 1:50:16 PM	Peak Integrated by Software
VX0801WBS01	VX047205.D	1,2,3-Trichloropropane	JOHN	8/4/2025 8:49:06 AM	MMDadoda	8/4/2025 1:50:18 PM	Peak Integrated by Software
VSTDCCC050	VX047214.D	1,2,3-Trichloropropane	JOHN	8/4/2025 8:49:45 AM	MMDadoda	8/4/2025 1:50:23 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx080425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047216.D	1,2,3-Trichloropropane	JOHN	8/5/2025 8:45:04 AM	MMDadoda	8/5/2025 12:50:44 PM	Peak Integrated by Software
VX0804WBS01	VX047219.D	1,2,3-Trichloropropane	JOHN	8/5/2025 8:45:49 AM	MMDadoda	8/5/2025 12:50:47 PM	Peak Integrated by Software
VX0804WBSD01	VX047222.D	1,2,3-Trichloropropane	JOHN	8/5/2025 8:45:53 AM	MMDadoda	8/5/2025 12:50:49 PM	Peak Integrated by Software
VSTDCCC050	VX047227.D	1,2,3-Trichloropropane	JOHN	8/5/2025 8:46:47 AM	MMDadoda	8/5/2025 12:50:52 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047054.D	21 Jul 2025 08:53	JC/MD	Ok
2	VSTDICC001	VX047055.D	21 Jul 2025 09:47	JC/MD	Ok,M
3	VSTDICC005	VX047056.D	21 Jul 2025 10:08	JC/MD	Ok,M
4	VSTDICC020	VX047057.D	21 Jul 2025 10:29	JC/MD	Ok,M
5	VSTDICCC050	VX047058.D	21 Jul 2025 10:50	JC/MD	Ok,M
6	VSTDICC100	VX047059.D	21 Jul 2025 11:11	JC/MD	Ok,M
7	VSTDICC150	VX047060.D	21 Jul 2025 11:32	JC/MD	Ok,M
8	IBLK	VX047061.D	21 Jul 2025 11:52	JC/MD	Ok
9	VSTDICV050	VX047062.D	21 Jul 2025 13:17	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX080125

Review By	John Carlone	Review On	8/4/2025 8:50:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/4/2025 1:50:32 PM		
SubDirectory	VX080125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134971
Initial Calibration Stds	
CCC	VP134972,VP134973
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047201.D	01 Aug 2025 09:10	JC/MD	Ok
2	VSTDCCC050	VX047202.D	01 Aug 2025 10:22	JC/MD	Ok,M
3	VX0801MBL01	VX047203.D	01 Aug 2025 10:50	JC/MD	Ok
4	VX0801WBL01	VX047204.D	01 Aug 2025 13:07	JC/MD	Ok
5	VX0801WBS01	VX047205.D	01 Aug 2025 14:52	JC/MD	Ok,M
6	VX0801WBS02	VX047206.D	01 Aug 2025 15:20	JC/MD	Not Ok
7	IBLK	VX047207.D	01 Aug 2025 15:41	JC/MD	Ok
8	Q2744-01	VX047208.D	01 Aug 2025 16:02	JC/MD	Ok
9	Q2744-02	VX047209.D	01 Aug 2025 16:23	JC/MD	Ok
10	Q2744-03	VX047210.D	01 Aug 2025 16:44	JC/MD	ReRun
11	Q2744-04	VX047211.D	01 Aug 2025 17:04	JC/MD	Ok
12	Q2756-01	VX047212.D	01 Aug 2025 17:25	JC/MD	Ok
13	VX0801WBSD01	VX047213.D	01 Aug 2025 17:46	JC/MD	Ok,M
14	VSTDCCC050	VX047214.D	01 Aug 2025 18:07	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX080425

Review By	John Carlone	Review On	8/5/2025 8:47:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/5/2025 12:51:03 PM		
SubDirectory	VX080425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134985
Initial Calibration Stds	
CCC	VP134988,VP134989
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047215.D	04 Aug 2025 09:12	JC/MD	Ok
2	VSTDCCC050	VX047216.D	04 Aug 2025 09:44	JC/MD	Ok,M
3	VX0804MBL01	VX047217.D	04 Aug 2025 10:11	JC/MD	Ok
4	VX0804WBL01	VX047218.D	04 Aug 2025 10:37	JC/MD	Ok
5	VX0804WBS01	VX047219.D	04 Aug 2025 11:04	JC/MD	Ok,M
6	IBLK	VX047220.D	04 Aug 2025 11:32	JC/MD	Ok
7	Q2744-03	VX047221.D	04 Aug 2025 11:53	JC/MD	Ok
8	VX0804WBSD01	VX047222.D	04 Aug 2025 12:21	JC/MD	Ok,M
9	PB169082TB	VX047223.D	04 Aug 2025 13:00	JC/MD	Ok
10	Q2734-02	VX047224.D	04 Aug 2025 13:20	JC/MD	Ok,M
11	Q2753-02	VX047225.D	04 Aug 2025 13:41	JC/MD	Ok
12	Q2759-04	VX047226.D	04 Aug 2025 14:44	JC/MD	Not Ok
13	VSTDCCC050	VX047227.D	04 Aug 2025 16:17	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047054.D	21 Jul 2025 08:53		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047055.D	21 Jul 2025 09:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047056.D	21 Jul 2025 10:08	Comp. #11 is on Linear Regression	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047057.D	21 Jul 2025 10:29		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047058.D	21 Jul 2025 10:50		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047059.D	21 Jul 2025 11:11		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047060.D	21 Jul 2025 11:32		JC/MD	Ok,M
8	IBLK	IBLK	VX047061.D	21 Jul 2025 11:52		JC/MD	Ok
9	VSTDICV050	ICVVX072125	VX047062.D	21 Jul 2025 13:17		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX080125

Review By	John Carlone	Review On	8/4/2025 8:50:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/4/2025 1:50:32 PM		
SubDirectory	VX080125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134971
Initial Calibration Stds	
CCC	VP134972,VP134973
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	VX047201.D	01 Aug 2025 09:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047202.D	01 Aug 2025 10:22	pH#Lot#V12668	JC/MD	Ok,M
3	VX0801MBL01	VX0801MBL01	VX047203.D	01 Aug 2025 10:50		JC/MD	Ok
4	VX0801WBL01	VX0801WBL01	VX047204.D	01 Aug 2025 13:07		JC/MD	Ok
5	VX0801WBS01	VX0801WBS01	VX047205.D	01 Aug 2025 14:52		JC/MD	Ok,M
6	VX0801WBS02	VX0801WBS02	VX047206.D	01 Aug 2025 15:20	Surrogate fail	JC/MD	Not Ok
7	IBLK	IBLK	VX047207.D	01 Aug 2025 15:41		JC/MD	Ok
8	Q2744-01	STORAGE-BLANK-SO	VX047208.D	01 Aug 2025 16:02	vial A pH<2	JC/MD	Ok
9	Q2744-02	STORAGE-BLANK-WA	VX047209.D	01 Aug 2025 16:23	vial A pH<2	JC/MD	Ok
10	Q2744-03	STORAGE-BLANK-WA	VX047210.D	01 Aug 2025 16:44	Surrogate fail; vial A pH<2	JC/MD	ReRun
11	Q2744-04	STORAGE-BLANK-SA	VX047211.D	01 Aug 2025 17:04	vial A pH<2	JC/MD	Ok
12	Q2756-01	71725	VX047212.D	01 Aug 2025 17:25	vial A pH<2 foamy sample	JC/MD	Ok
13	VX0801WBSD01	VX0801WBSD01	VX047213.D	01 Aug 2025 17:46		JC/MD	Ok,M
14	VSTDCCC050	VSTDCCC050EC	VX047214.D	01 Aug 2025 18:07		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX080425

Review By	John Carlone	Review On	8/5/2025 8:47:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/5/2025 12:51:03 PM		
SubDirectory	VX080425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134985
Initial Calibration Stds	
CCC	VP134988,VP134989
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	VX047215.D	04 Aug 2025 09:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047216.D	04 Aug 2025 09:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX0804MBL01	VX0804MBL01	VX047217.D	04 Aug 2025 10:11		JC/MD	Ok
4	VX0804WBL01	VX0804WBL01	VX047218.D	04 Aug 2025 10:37		JC/MD	Ok
5	VX0804WBS01	VX0804WBS01	VX047219.D	04 Aug 2025 11:04		JC/MD	Ok,M
6	IBLK	IBLK	VX047220.D	04 Aug 2025 11:32		JC/MD	Ok
7	Q2744-03	STORAGE-BLANK-WA	VX047221.D	04 Aug 2025 11:53	vial B pH<2	JC/MD	Ok
8	VX0804WBSD01	VX0804WBSD01	VX047222.D	04 Aug 2025 12:21		JC/MD	Ok,M
9	PB169082TB	PB169082TB	VX047223.D	04 Aug 2025 13:00		JC/MD	Ok
10	Q2734-02	VNJ-253	VX047224.D	04 Aug 2025 13:20	vial A pH#5.0	JC/MD	Ok,M
11	Q2753-02	289	VX047225.D	04 Aug 2025 13:41	vial A pH#5.0	JC/MD	Ok
12	Q2759-04	LIQUID-DRUMS	VX047226.D	04 Aug 2025 14:44	run 20x	JC/MD	Not Ok
13	VSTDCCC050	VSTDCCC050EC	VX047227.D	04 Aug 2025 16:17		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 8/4/2025

OVENTEMP IN Celsius(°C): 106
Time IN: 16:15
In Date: 08/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:14
Out Date: 08/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136681

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2744-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2744-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2744-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2744-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2744-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2744-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2747-01	OU4-TS-GRILLO-OG2-073125	7	1.17	10.04	11.21	8.77	75.7	
Q2747-03	OU4-TS-GRILLO-OG3-073125	8	1.16	10.28	11.44	9.14	77.6	
Q2747-05	OU4-TS-GRILLO-OG4-073125	9	1.17	10.36	11.53	9.51	80.5	
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	10	1.16	10.07	11.23	7.85	66.4	
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	11	1.18	10.08	11.26	7.6	63.7	
Q2753-01	289	12	1.17	10.62	11.79	10.99	92.5	
Q2754-01	OILY-RAGS	13	1.00	1.00	2.00	2.00	100.0	oily-rags
Q2755-01	80125-A	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2755-02	80125-B	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB 136681

WorkList Name : % SOLID-080125 **WorkList ID :** 191065 **Department :** Wet-Chemistry **Date :** 08-01-2025 15:30:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2744-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2744-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	Percent Solids	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-07	OU4-TS-GRILLO-TSCP01-0731	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2747-09	OU4-TS-GRILLO-TSCP02-0731	Solid	Percent Solids	Cool 4 deg C	NOBI03	O32	07/31/2025	Chemtech -SO
Q2753-01	289	Solid	Percent Solids	Cool 4 deg C	PSEG01	D41	08/01/2025	Chemtech -SO
Q2754-01	OILY-RAGS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO
Q2755-01	80125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO
Q2755-02	80125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -SO

Date/Time 08/01/25 15:50
Raw Sample Received by: 12(WC)
Raw Sample Relinquished by: CP SM

Date/Time 08/01/25 16:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: 12(WC)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: 27744

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP:07092
ATTENTION: QA Officer
PHOI 908-789-8900 FAX:908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO:Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
HARD COPY:_____10_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ RESULTS ONLY (L1)
- ❑ RESULTS + QC (L2)
- ❑ NJ REDUCED (L3)
- ❑ NJ FULL (L4)
- ❑ US EPA CLP (L4)
- ❑ NYS ASP "A" (L2)
- ❑ NYS ASP "B" (L4)
- ❑ Other_____
- ❑ EDD Format_____

ANALYSIS

	1	2	3	4	5	6	7	8	9
	VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					
PRESERVATIVES	A/E								
	1	2	3	4	5	6	7	8	9

COMMENTS: <-- Specify Preservatives
A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X								
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X								
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X								
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X								
5.	SVOC-GPC-BLANK	SO		X			1		X							
6.	PEST-GPC-BLANK	SO		X			1			X						
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X						
8.	PCB-GPC-BLANK	SO		X			1				X					
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X					
10.	SVOC-GPC2-BLANK	SO		X			1		X							

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	08/01/25	1. 9:00
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ❑ Compliant ❑ Non Compliant ❑ Cooler Temp_____
MeOH extraction requires an additional 4oz. Jar for percent solid ❑ Ice in Cooler?:_____
Comments:

Page 1 of 2

SHIPPED VIA: CLIENT: ❑ Hand Delivered ❑ Overnight
ALLIANCE: ❑ Picked Up ❑ Overnight

Shipment Complete ❑ YES ❑ NO

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

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: 22744

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP:07092
ATTENTION: QA Officer
PHOI 908-789-8900 FAX:908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO:Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
HARD COPY:_____10_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY (L1)
- ☐ RESULTS + QC (L2)
- ☐ NJ REDUCED (L3)
- ☐ NJ FULL (L4)
- ☐ US EPA CLP (L4)
- ☐ NYS ASP "A" (L2)
- ☐ NYS ASP "B" (L4)
- ☐ Other_____
- ☐ EDD Format_____

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	A/E	1	2	3	4	5	6	7	8	9
1.	PEST-GPC2-BLANK	SO		X			1				X						
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1				X						
3.	PCB-GPC2-BLANK	SO		X			1					X					
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1					X					
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	08/01/25	9:10
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp_____
☐ Ice in Cooler?:_____
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148