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:	Q2693	**OrderDate:**	7/25/2025 10:09:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2693-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**07/18/25**			**07/25/25**
			VOC- Chemtech Full	8260-Low			07/28/25	
Q2693-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**07/18/25**			**07/25/25**
			VOC- Chemtech Full	8260-Low			07/28/25	
Q2693-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**07/18/25**			**07/25/25**
			VOC- Chemtech Full	8260-Low			07/28/25	
Q2693-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**07/18/25**			**07/25/25**
			VOC- Chemtech Full	8260-Low			07/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2693

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.: Q2693

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2693-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	50.2	100		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	49.0	98		77	121
Q2693-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	49.4	99		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	45.7	91		86	113
		4-Bromofluorobenzene	50	48.9	98		77	121
Q2693-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	46.2	92		74	125
		Dibromofluoromethane	50	46.3	93		75	124
		Toluene-d8	50	43.8	88		86	113
		4-Bromofluorobenzene	50	47.8	95		77	121
Q2693-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	54.9	110		86	113
		4-Bromofluorobenzene	50	54.4	109		77	121
VX0725WBL01	VX0725WBL01	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	53.5	107		86	113
		4-Bromofluorobenzene	50	52.0	104		77	121
VX0725WBS01	VX0725WBS01	1,2-Dichloroethane-d4	50	55.1	110		74	125
		Dibromofluoromethane	50	54.3	109		75	124
		Toluene-d8	50	51.5	103		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121
VX0725WBSD0	VX0725WBSD01	1,2-Dichloroethane-d4	50	45.1	90		74	125
		Dibromofluoromethane	50	45.2	90		75	124
		Toluene-d8	50	43.6	87		86	113
		4-Bromofluorobenzene	50	46.6	93		77	121
VX0728WBL01	VX0728WBL01	1,2-Dichloroethane-d4	50	49.4	99		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	52.3	105		77	121
VX0728WBS01	VX0728WBS01	1,2-Dichloroethane-d4	50	45.6	91		74	125
		Dibromofluoromethane	50	47.8	96		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	47.4	95		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2693**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047132.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0725WBS01	Dichlorodifluoromethane	20	20.2	ug/L	101			69	116	
	Chloromethane	20	17.8	ug/L	89			65	116	
	Vinyl chloride	20	19.5	ug/L	98			65	117	
	Ethyl Acetate	20	20.2	ug/L	101			75	115	
	Bromomethane	20	19.4	ug/L	97			58	125	
	Chloroethane	20	17.6	ug/L	88			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96			80	112	
	Tert butyl alcohol	100	93.6	ug/L	94			48	142	
	1,1-Dichloroethene	20	18.9	ug/L	95			74	110	
	Acrolein	100	120	ug/L	120			28	144	
	Acrylonitrile	100	100	ug/L	100			73	113	
	Acetone	100	97.9	ug/L	98			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	20.4	ug/L	102			78	114	
	Methyl Acetate	20	21.8	ug/L	109			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	110	ug/L	110			76	115	
	1,1-Dichloroethane	20	19.4	ug/L	97			78	112	
	Cyclohexane	20	19.1	ug/L	96			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	2,2-Dichloropropane	20	19.6	ug/L	98			56	164	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			77	110	
	Bromochloromethane	20	20.0	ug/L	100			70	124	
	Chloroform	20	20.0	ug/L	100			79	113	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			80	108	
	Methylcyclohexane	20	18.3	ug/L	92			72	115	
	1,1-Dichloropropene	20	18.2	ug/L	91			79	110	
	Benzene	20	19.3	ug/L	97			82	109	
	1,2-Dichloroethane	20	19.9	ug/L	100			80	115	
	Trichloroethene	20	18.3	ug/L	92			77	113	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Dibromomethane	20	20.1	ug/L	101			82	110	
	Bromodichloromethane	20	20.0	ug/L	100			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.6	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.6	ug/L	98			79	110	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			82	110	
	1,1,2-Trichloroethane	20	20.0	ug/L	100			83	112	
	1,3-Dichloropropane	20	20.0	ug/L	100			83	111	
	2-Chloroethyl vinyl ether	100	84.6	ug/L	85			75	124	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.3	ug/L	102			82	110	
	1,2-Dibromoethane	20	20.1	ug/L	101			81	110	
	Tetrachloroethene	20	19.0	ug/L	95			67	123	
	Chlorobenzene	20	19.3	ug/L	97			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2693**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047132.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0725WBS01	1,1,1,2-Tetrachloroethane	20	19.7	ug/L	99			84	111	
	Hexachloroethane	20	19.2	ug/L	96			80	113	
	Ethyl Benzene	20	19.3	ug/L	97			83	109	
	m/p-Xylenes	40	39.0	ug/L	98			82	110	
	o-Xylene	20	19.4	ug/L	97			83	109	
	Styrene	20	20.0	ug/L	100			80	111	
	Bromoform	20	20.4	ug/L	102			79	109	
	Isopropylbenzene	20	19.3	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103			76	118	
	1,2,3-Trichloropropane	20	19.8	ug/L	99			75	112	
	Bromobenzene	20	19.3	ug/L	97			77	116	
	N-propylbenzene	20	19.3	ug/L	97			83	112	
	2-Chlorotoluene	20	19.3	ug/L	97			83	110	
	1,3,5-Trimethylbenzene	20	19.7	ug/L	99			85	112	
	4-Chlorotoluene	20	19.7	ug/L	99			82	110	
	tert-Butylbenzene	20	19.7	ug/L	99			83	112	
	1,2,4-Trimethylbenzene	20	19.7	ug/L	99			85	111	
	Sec-butylbenzene	20	19.7	ug/L	99			81	114	
	p-Isopropyltoluene	20	19.7	ug/L	99			78	116	
	1,3-Dichlorobenzene	20	19.6	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.2	ug/L	96			82	107	
	n-Butylbenzene	20	19.9	ug/L	100			75	115	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			82	109	
	1,2-Dibromo-3-Chloropropane	20	21.7	ug/L	109			68	112	
	1,2,4-Trichlorobenzene	20	19.5	ug/L	98			75	113	
	Hexachlorobutadiene	20	20.2	ug/L	101			81	121	
	Naphthalene	20	20.6	ug/L	103			78	119	
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2693 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047134.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0725WBSD01	Dichlorodifluoromethane	20	18.6	ug/L	93	8		69	116	19
	Chloromethane	20	16.7	ug/L	84	6		65	116	21
	Vinyl chloride	20	18.5	ug/L	93	5		65	117	19
	Ethyl Acetate	20	19.1	ug/L	96	5		75	115	27
	Bromomethane	20	17.1	ug/L	86	12		58	125	20
	Chloroethane	20	16.2	ug/L	81	8		56	128	20
	Trichlorofluoromethane	20	17.9	ug/L	90	7		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.1	ug/L	91	5		80	112	15
	Tert butyl alcohol	100	90.0	ug/L	90	4		48	142	30
	1,1-Dichloroethene	20	17.6	ug/L	88	8		74	110	20
	Acrolein	100	97.9	ug/L	98	20		28	144	30
	Acrylonitrile	100	95.9	ug/L	96	4		73	113	29
	Acetone	100	95.5	ug/L	96	2		60	125	20
	Carbon disulfide	20	17.4	ug/L	87	6		64	112	20
	Methyl tert-butyl Ether	20	19.1	ug/L	96	6		78	114	20
	Methyl Acetate	20	21.1	ug/L	106	3		67	125	20
	Methylene Chloride	20	18.1	ug/L	91	5		72	114	20
	trans-1,2-Dichloroethene	20	18.2	ug/L	91	5		75	108	16
	Vinyl Acetate	100	97.5	ug/L	98	12		76	115	26
	1,1-Dichloroethane	20	18.4	ug/L	92	5		78	112	20
	Cyclohexane	20	18.4	ug/L	92	4		75	110	20
	2-Butanone	100	97.0	ug/L	97	3		65	122	26
	Carbon Tetrachloride	20	18.0	ug/L	90	4		77	113	15
	2,2-Dichloropropane	20	18.5	ug/L	93	5		56	164	20
	cis-1,2-Dichloroethene	20	18.4	ug/L	92	5		77	110	20
	Bromochloromethane	20	20.9	ug/L	104	4		70	124	20
	Chloroform	20	18.6	ug/L	93	7		79	113	20
	1,1,1-Trichloroethane	20	18.8	ug/L	94	4		80	108	20
	Methylcyclohexane	20	18.0	ug/L	90	2		72	115	20
	1,1-Dichloropropene	20	18.0	ug/L	90	1		79	110	16
	Benzene	20	18.5	ug/L	93	4		82	109	15
	1,2-Dichloroethane	20	18.6	ug/L	93	7		80	115	20
	Trichloroethene	20	17.9	ug/L	90	2		77	113	15
	1,2-Dichloropropane	20	18.8	ug/L	94	2		83	111	16
	Dibromomethane	20	19.2	ug/L	96	5		82	110	20
	Bromodichloromethane	20	19.0	ug/L	95	5		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	0		74	118	25
	Toluene	20	18.7	ug/L	94	4		82	110	16
	t-1,3-Dichloropropene	20	18.6	ug/L	93	5		79	110	20
	cis-1,3-Dichloropropene	20	18.9	ug/L	95	2		82	110	16
	1,1,2-Trichloroethane	20	19.2	ug/L	96	4		83	112	20
	1,3-Dichloropropane	20	18.7	ug/L	94	6		83	111	20
	2-Chloroethyl vinyl ether	100	94.5	ug/L	95	11		75	124	20
	2-Hexanone	100	110	ug/L	110	0		73	117	25
	Dibromochloromethane	20	19.2	ug/L	96	6		82	110	20
	1,2-Dibromoethane	20	19.0	ug/L	95	6		81	110	20
	Tetrachloroethene	20	18.0	ug/L	90	5		67	123	15
	Chlorobenzene	20	18.5	ug/L	93	4		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2693 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047134.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0725WBSD01	1,1,1,2-Tetrachloroethane	20	18.9	ug/L	95	4		84	111	20
	Hexachloroethane	20	18.5	ug/L	93	3		80	113	20
	Ethyl Benzene	20	18.7	ug/L	94	3		83	109	16
	m/p-Xylenes	40	37.3	ug/L	93	5		82	110	15
	o-Xylene	20	19.2	ug/L	96	1		83	109	20
	Styrene	20	18.9	ug/L	95	5		80	111	17
	Bromoform	20	18.8	ug/L	94	8		79	109	20
	Isopropylbenzene	20	18.8	ug/L	94	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.6	ug/L	98	5		76	118	20
	1,2,3-Trichloropropane	20	18.6	ug/L	93	6		75	112	20
	Bromobenzene	20	18.6	ug/L	93	4		77	116	20
	N-propylbenzene	20	18.8	ug/L	94	3		83	112	20
	2-Chlorotoluene	20	18.6	ug/L	93	4		83	110	20
	1,3,5-Trimethylbenzene	20	18.8	ug/L	94	5		85	112	20
	4-Chlorotoluene	20	18.9	ug/L	95	4		82	110	20
	tert-Butylbenzene	20	18.8	ug/L	94	5		83	112	20
	1,2,4-Trimethylbenzene	20	19.0	ug/L	95	4		85	111	20
	Sec-butylbenzene	20	19.0	ug/L	95	4		81	114	20
	p-Isopropyltoluene	20	18.9	ug/L	95	4		78	116	20
	1,3-Dichlorobenzene	20	18.7	ug/L	94	4		82	108	20
	1,4-Dichlorobenzene	20	18.5	ug/L	93	3		82	107	15
	n-Butylbenzene	20	19.0	ug/L	95	5		75	115	20
	1,2-Dichlorobenzene	20	18.4	ug/L	92	6		82	109	20
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	6		68	112	20
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95	3		75	113	29
	Hexachlorobutadiene	20	19.3	ug/L	97	4		81	121	20
	Naphthalene	20	20.9	ug/L	104	1		78	119	20
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94	4		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2693**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047155.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0728WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			69	116	
	Chloromethane	20	16.2	ug/L	81			65	116	
	Vinyl chloride	20	19.3	ug/L	97			65	117	
	Ethyl Acetate	20	17.8	ug/L	89			75	115	
	Bromomethane	20	19.4	ug/L	97			58	125	
	Chloroethane	20	16.9	ug/L	85			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.4	ug/L	92			80	112	
	Tert butyl alcohol	100	77.8	ug/L	78			48	142	
	1,1-Dichloroethene	20	18.4	ug/L	92			74	110	
	Acrolein	100	81.5	ug/L	82			28	144	
	Acrylonitrile	100	89.9	ug/L	90			73	113	
	Acetone	100	94.2	ug/L	94			60	125	
	Carbon disulfide	20	17.5	ug/L	88			64	112	
	Methyl tert-butyl Ether	20	19.2	ug/L	96			78	114	
	Methyl Acetate	20	19.7	ug/L	99			67	125	
	Methylene Chloride	20	18.0	ug/L	90			72	114	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	108	
	Vinyl Acetate	100	94.7	ug/L	95			76	115	
	1,1-Dichloroethane	20	18.6	ug/L	93			78	112	
	Cyclohexane	20	18.4	ug/L	92			75	110	
	2-Butanone	100	92.4	ug/L	92			65	122	
	Carbon Tetrachloride	20	18.9	ug/L	95			77	113	
	2,2-Dichloropropane	20	19.3	ug/L	97			56	164	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			77	110	
	Bromochloromethane	20	22.1	ug/L	111			70	124	
	Chloroform	20	18.5	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			80	108	
	Methylcyclohexane	20	18.6	ug/L	93			72	115	
	1,1-Dichloropropene	20	17.9	ug/L	90			79	110	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	19.2	ug/L	96			80	115	
	Trichloroethene	20	18.5	ug/L	93			77	113	
	1,2-Dichloropropane	20	18.7	ug/L	94			83	111	
	Dibromomethane	20	19.1	ug/L	96			82	110	
	Bromodichloromethane	20	19.3	ug/L	97			83	110	
	4-Methyl-2-Pentanone	100	93.0	ug/L	93			74	118	
	Toluene	20	19.2	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	19.1	ug/L	96			79	110	
	cis-1,3-Dichloropropene	20	18.9	ug/L	95			82	110	
	1,1,2-Trichloroethane	20	19.0	ug/L	95			83	112	
	1,3-Dichloropropane	20	18.7	ug/L	94			83	111	
	2-Chloroethyl vinyl ether	100	83.7	ug/L	84			75	124	
	2-Hexanone	100	95.5	ug/L	96			73	117	
	Dibromochloromethane	20	19.3	ug/L	97			82	110	
	1,2-Dibromoethane	20	18.5	ug/L	93			81	110	
	Tetrachloroethene	20	18.3	ug/L	92			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2693 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047155.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0728WBS01	1,1,1,2-Tetrachloroethane	20	19.4	ug/L	97			84	111	
	Hexachloroethane	20	19.5	ug/L	98			80	113	
	Ethyl Benzene	20	19.0	ug/L	95			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	19.2	ug/L	96			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.5	ug/L	98			79	109	
	Isopropylbenzene	20	18.9	ug/L	95			83	112	
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92			76	118	
	1,2,3-Trichloropropane	20	18.3	ug/L	92			75	112	
	Bromobenzene	20	18.5	ug/L	93			77	116	
	N-propylbenzene	20	18.8	ug/L	94			83	112	
	2-Chlorotoluene	20	18.7	ug/L	94			83	110	
	1,3,5-Trimethylbenzene	20	19.0	ug/L	95			85	112	
	4-Chlorotoluene	20	18.8	ug/L	94			82	110	
	tert-Butylbenzene	20	19.2	ug/L	96			83	112	
	1,2,4-Trimethylbenzene	20	19.0	ug/L	95			85	111	
	Sec-butylbenzene	20	18.9	ug/L	95			81	114	
	p-Isopropyltoluene	20	19.2	ug/L	96			78	116	
	1,3-Dichlorobenzene	20	18.7	ug/L	94			82	108	
	1,4-Dichlorobenzene	20	18.6	ug/L	93			82	107	
	n-Butylbenzene	20	19.3	ug/L	97			75	115	
	1,2-Dichlorobenzene	20	18.5	ug/L	93			82	109	
	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97			68	112	
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95			75	113	
	Hexachlorobutadiene	20	20.4	ug/L	102			81	121	
	Naphthalene	20	19.2	ug/L	96			78	119	
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0725WBL01

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2693

Lab File ID: VX047130.D | Lab Sample ID: VX0725WBL01

Date Analyzed: 07/25/2025 | Time Analyzed: 10:29

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
VX0725WBS01	VX0725WBS01	VX047132.D	07/25/2025
VX0725WBSD01	VX0725WBSD01	VX047134.D	07/25/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2693-04	VX047139.D	07/25/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0728WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2693

Lab File ID: VX047154.D Lab Sample ID: VX0728WBL01

Date Analyzed: 07/28/2025 Time Analyzed: 10:19

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
VX0728WBS01	VX0728WBS01	VX047155.D	07/28/2025
STORAGE-BLANK-SOIL-REF-6	Q2693-01	VX047158.D	07/28/2025
STORAGE-BLANK-WATER-REF-5	Q2693-02	VX047159.D	07/28/2025
STORAGE-BLANK-WATER-REF-4	Q2693-03	VX047160.D	07/28/2025

COMMENTS:

Raw Data: **VX047054.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2693

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: **VX047127.D**

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q2693
Lab File ID: VX047127.D
BFB Injection Date: 07/25/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:40
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	19.8
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	73
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	70.6 (96.7) 1
177	5.0 - 9.0% of mass 176	4.5 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047128.D	07/25/2025	09:40
VX0725WBL01	VX0725WBL01	VX047130.D	07/25/2025	10:29
VX0725WBS01	VX0725WBS01	VX047132.D	07/25/2025	11:17
VX0725WBSD01	VX0725WBSD01	VX047134.D	07/25/2025	12:00
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2693-04	VX047139.D	07/25/2025	13:47

Raw Data: **VX047151.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2693

Lab File ID: VX047151.D | BFB Injection Date: 07/28/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:52

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	19.3
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	70 (96.8) 1
177	5.0 - 9.0% of mass 176	4.6 (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	VX047152.D	07/28/2025	09:23
VX0728WBL01	VX0728WBL01	VX047154.D	07/28/2025	10:19
VX0728WBS01	VX0728WBS01	VX047155.D	07/28/2025	10:45
STORAGE-BLANK-SOIL-REF-6	Q2693-01	VX047158.D	07/28/2025	11:53
STORAGE-BLANK-WATER-REF-5	Q2693-02	VX047159.D	07/28/2025	12:20
STORAGE-BLANK-WATER-REF-4	Q2693-03	VX047160.D	07/28/2025	13:16

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2693

Lab File ID: VX047128.D Date Analyzed: 07/25/2025

Instrument ID: MSVOA_X Time Analyzed: 09:40

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	277253	5.56	466924	6.76	414717	10.05
UPPER LIMIT	554506	6.056	933848	7.263	829434	10.549
LOWER LIMIT	138627	5.056	233462	6.263	207359	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEMEN	397105	5.57	725707	6.77	694329	10.06
VX0725WBL01	437780	5.56	806824	6.77	773720	10.06
VX0725WBS01	280628	5.56	481726	6.76	427937	10.06
VX0725WBSD01	296074	5.56	508838	6.77	457935	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.: Q2693

Lab File ID: VX047128.D Date Analyzed: 07/25/2025

Instrument ID: MSVOA_X Time Analyzed: 09:40

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

	IS4 AREA #	RT #				
12 HOUR STD	203517	12.018				
UPPER LIMIT	407034	12.518				
LOWER LIMIT	101759	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEME	360128	12.02				
VX0725WBL01	398499	12.02				
VX0725WBS01	213053	12.02				
VX0725WBSD01	229547	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.: Q2693

Lab File ID: VX047152.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_X Time Analyzed: 09:23

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	347966	5.56	583631	6.76	509126	10.05
UPPER LIMIT	695932	6.056	1167260	7.263	1018250	10.549
LOWER LIMIT	173983	5.056	291816	6.263	254563	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	298181	5.56	534256	6.77	479953	10.06
STORAGE-BLANK-WATER-REF-5	303849	5.56	541367	6.77	484958	10.06
STORAGE-BLANK-WATER-REF-4	312397	5.56	530955	6.76	478257	10.06
VX0728WBL01	333922	5.56	570654	6.77	517999	10.06
VX0728WBS01	313373	5.56	525191	6.76	469756	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.: Q2693

Lab File ID: VX047152.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_X Time Analyzed: 09:23

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

	IS4 AREA #	RT #				
12 HOUR STD	238942	12.018				
UPPER LIMIT	477884	12.518				
LOWER LIMIT	119471	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	238427	12.02				
STORAGE-BLANK-WATER-REF-5	241227	12.02				
STORAGE-BLANK-WATER-REF-4	245775	12.02				
VX0728WBL01	262134	12.02				
VX0728WBS01	234098	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: **VX047158.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2693
Lab Sample ID:	Q2693-01	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
VX047158.D	1	07/28/25 11:53	VX072825

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: **VX047158.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2693
Lab Sample ID:	Q2693-01	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
VX047158.D	1	07/28/25 11:53	VX072825

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: **VX047158.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2693
Lab Sample ID:	Q2693-01	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
VX047158.D	1	07/28/25 11:53	VX072825

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	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	298000	5.562			
540-36-3	1,4-Difluorobenzene	534000	6.769			
3114-55-4	Chlorobenzene-d5	480000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	238000	12.018			

Raw Data: **VX047158.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2693
Lab Sample ID:	Q2693-01	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
VX047158.D	1	07/28/25 11:53	VX072825

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\VX072825\
Data File : VX047158.D
Acq On : 28 Jul 2025 11:53
Operator : JC/MD
Sample : Q2693-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 29 02:14:58 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

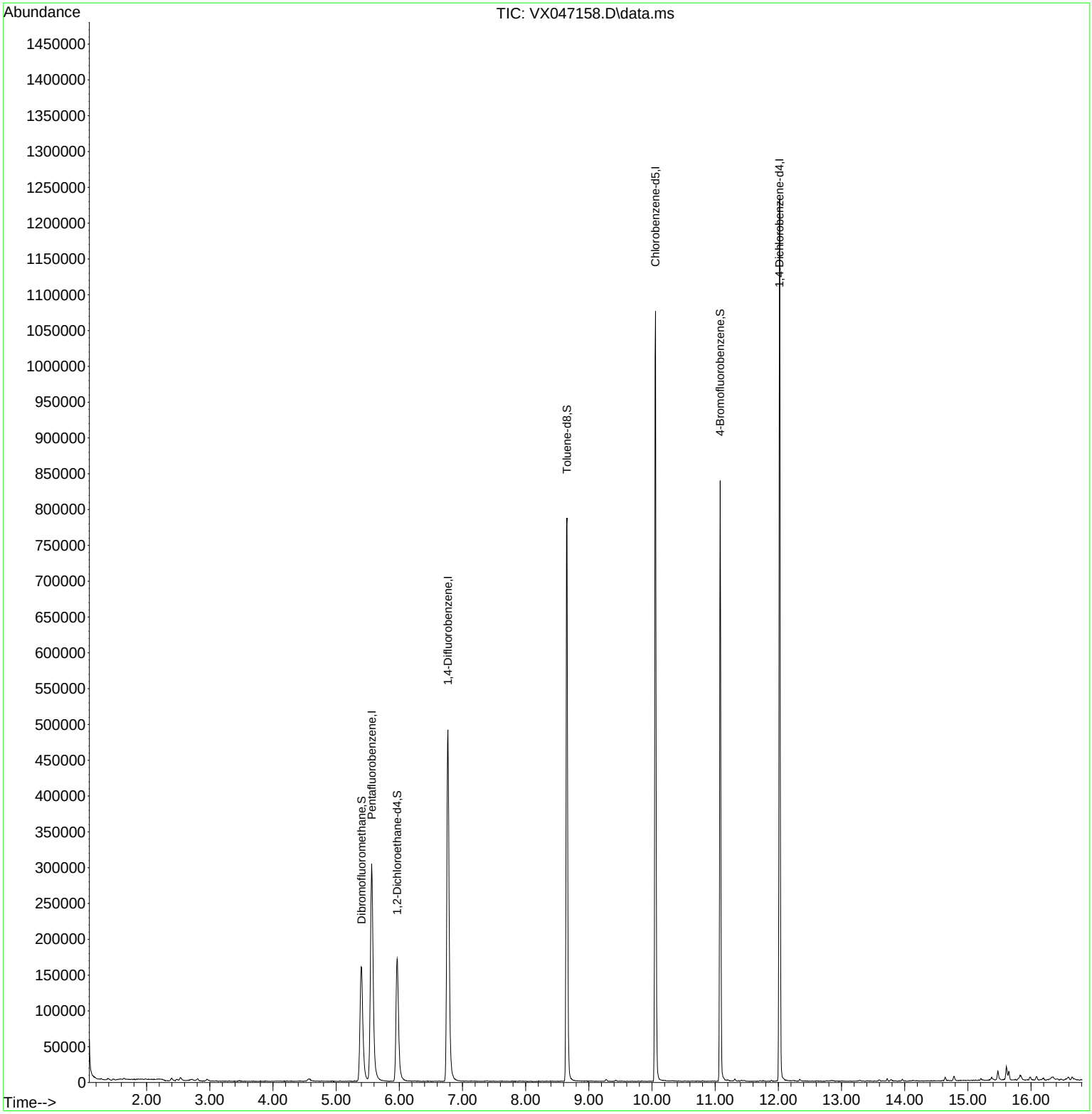
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	298181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	534256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	479953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186563	50.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.404	113	156217	47.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	8.653	98	487097	45.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.200%#			
62) 4-Bromofluorobenzene	11.079	95	225373	48.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.920%			
Target Compounds						Qvalue

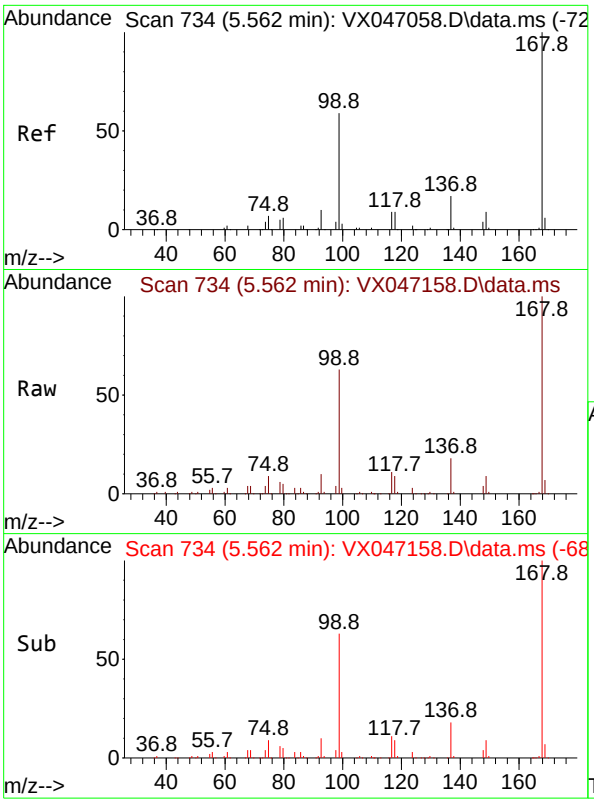
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047158.D
Acq On : 28 Jul 2025 11:53
Operator : JC/MD
Sample : Q2693-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 29 02:14:58 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



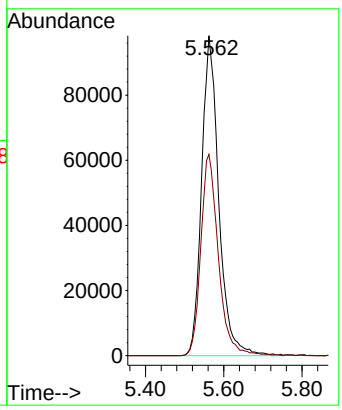


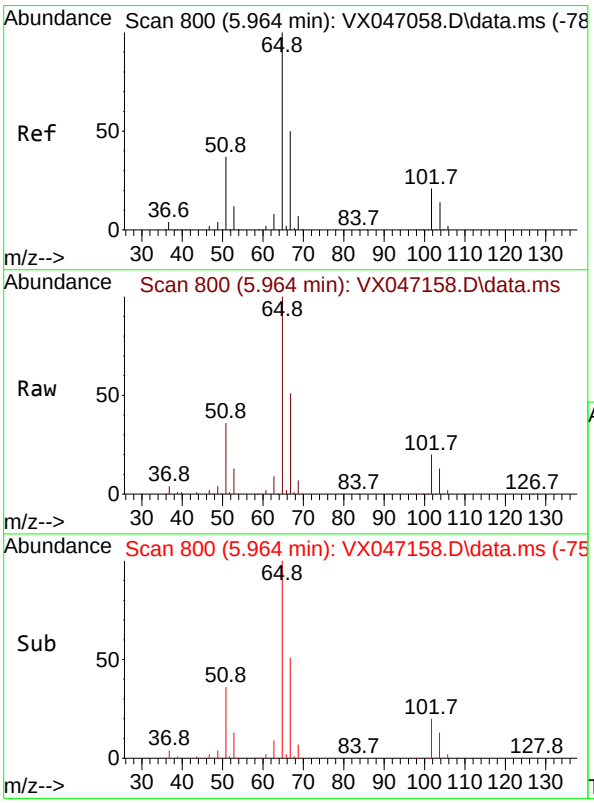
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

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

Tgt Ion:168 Resp: 298181

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.0	72.0

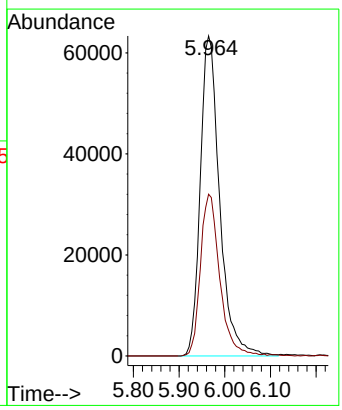


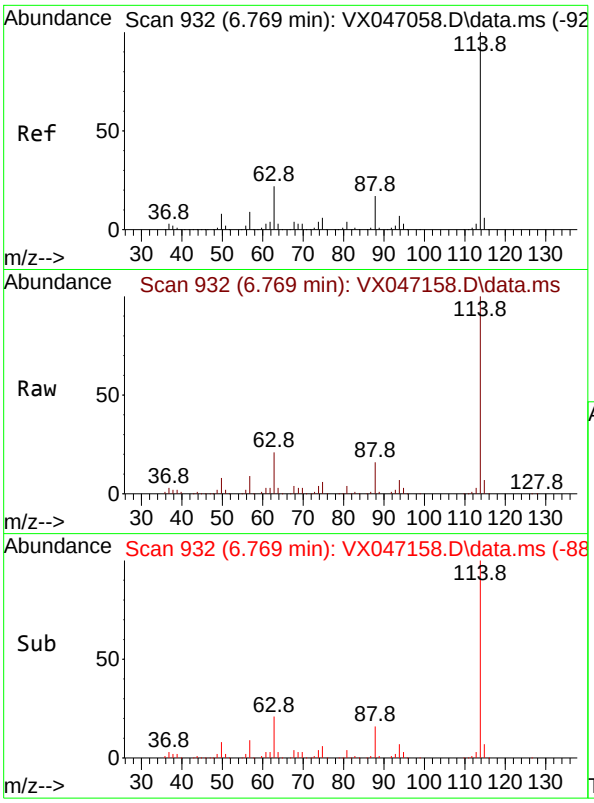


#33
1,2-Dichloroethane-d4
Concen: 50.227 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

Tgt Ion: 65 Resp: 186563

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.8



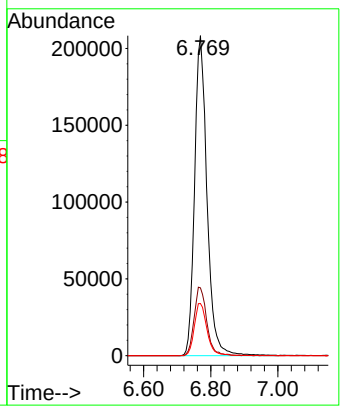


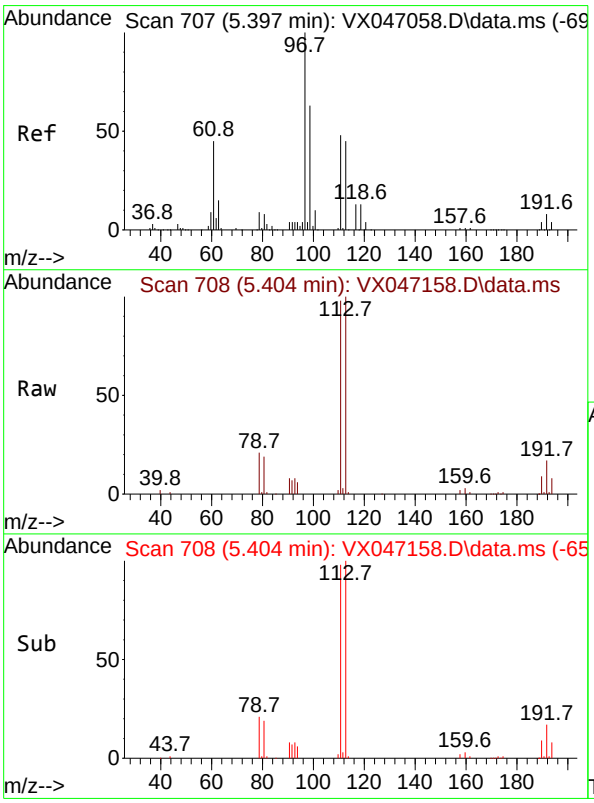
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

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

Tgt Ion:114 Resp: 534256

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.3	0.0	33.8

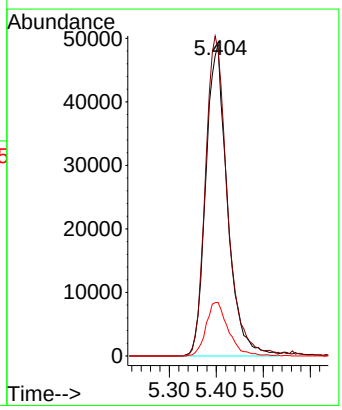


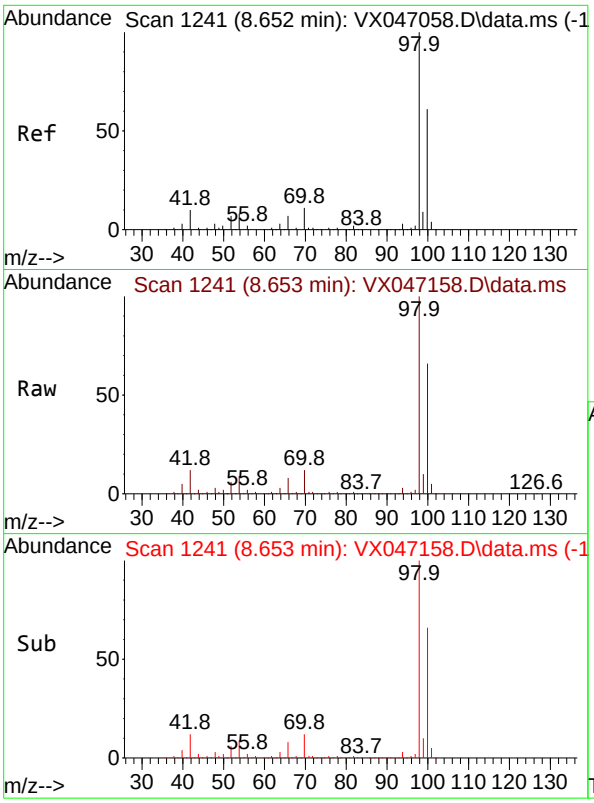


#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

Tgt Ion:113 Resp: 156217

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	124.0
192	17.8	14.9	22.3



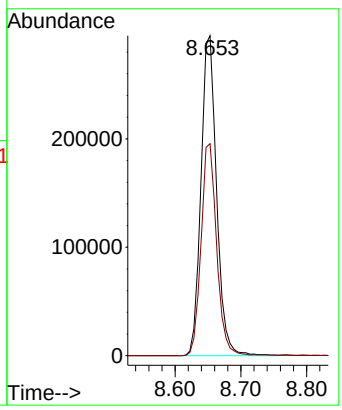


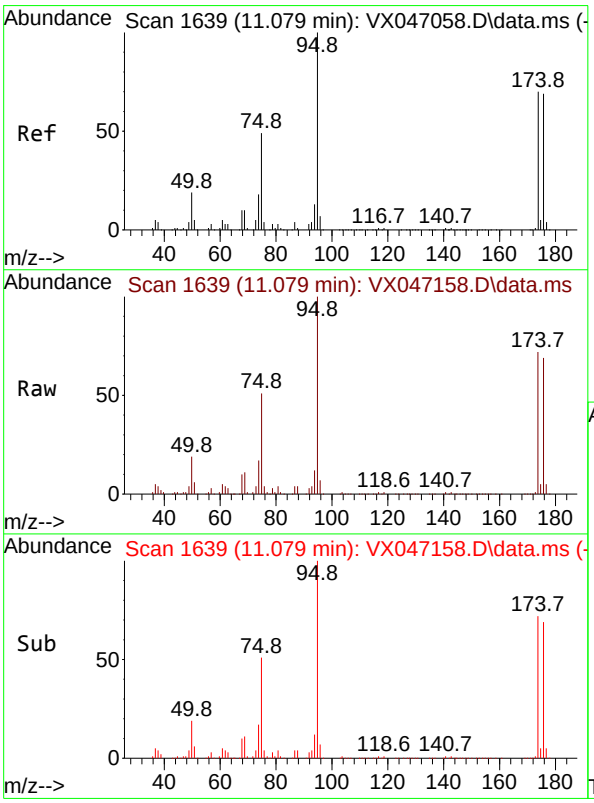
#50
Toluene-d8
Concen: 45.597 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

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

Tgt Ion: 98 Resp: 487097

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9

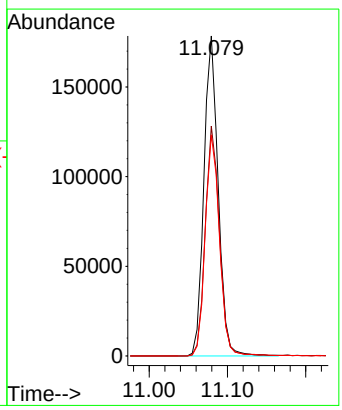


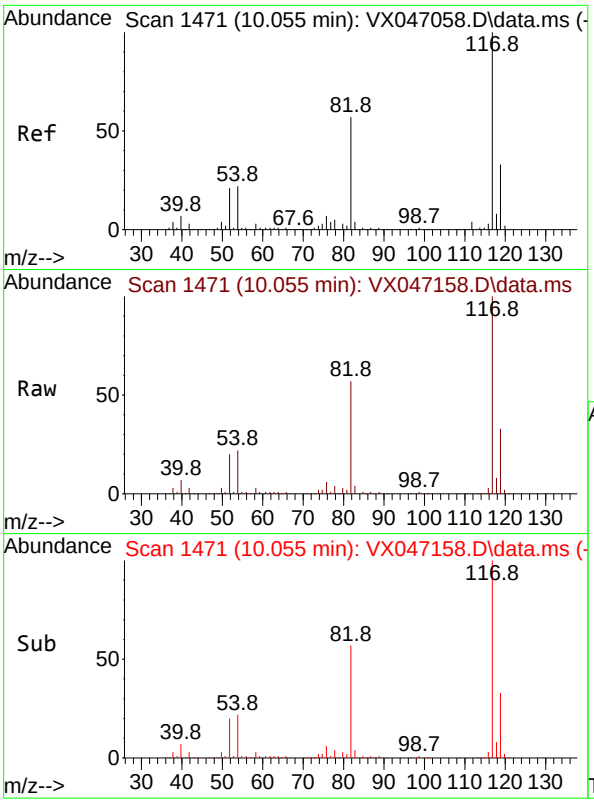


#62
4-Bromofluorobenzene
Concen: 48.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

Tgt Ion: 95 Resp: 225373

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	144.6
176	69.0	0.0	139.6



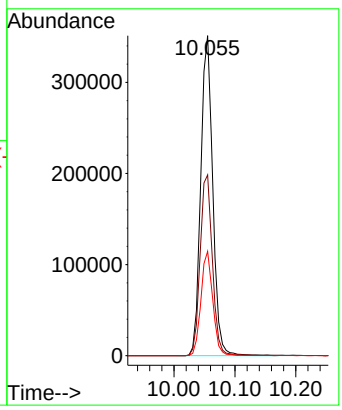


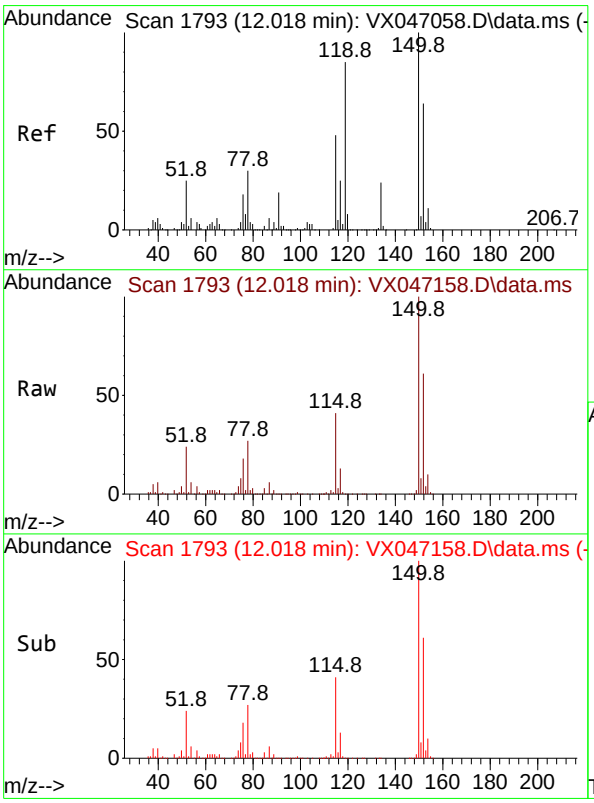
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

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

Tgt Ion:117 Resp: 479953

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	32.6	26.1	39.1

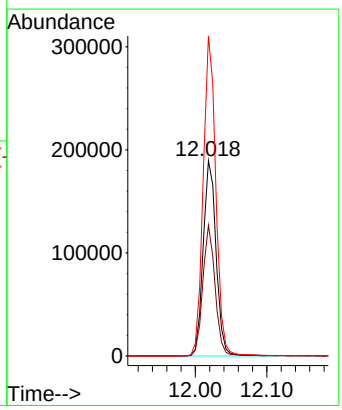




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047158.D
Acq: 28 Jul 2025 11:53

Tgt Ion:152 Resp: 238427

Ion	Ratio	Lower	Upper
152	100		
115	63.5	45.6	136.7
150	160.5	0.0	354.6



Raw Data: **VX047159.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2693
Lab Sample ID:	Q2693-02	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
VX047159.D	1	07/28/25 12:20	VX072825

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: **VX047159.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2693
Lab Sample ID:	Q2693-02	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
VX047159.D	1	07/28/25 12:20	VX072825

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: **VX047159.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2693
Lab Sample ID:	Q2693-02	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
VX047159.D	1	07/28/25 12:20	VX072825

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	49.4		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.7		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	304000	5.562			
540-36-3	1,4-Difluorobenzene	541000	6.769			
3114-55-4	Chlorobenzene-d5	485000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

Raw Data: **VX047159.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2693
Lab Sample ID:	Q2693-02	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
VX047159.D	1	07/28/25 12:20	VX072825

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: **VX047159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047159.D
Acq On : 28 Jul 2025 12:20
Operator : JC/MD
Sample : Q2693-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 29 02:41:54 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	303849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	541367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	484958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	187065	49.423	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.840%		
35) Dibromofluoromethane	5.397	113	161741	48.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.647	98	494526	45.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.360%#		
62) 4-Bromofluorobenzene	11.079	95	227868	48.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		

Target Compounds Qvalue

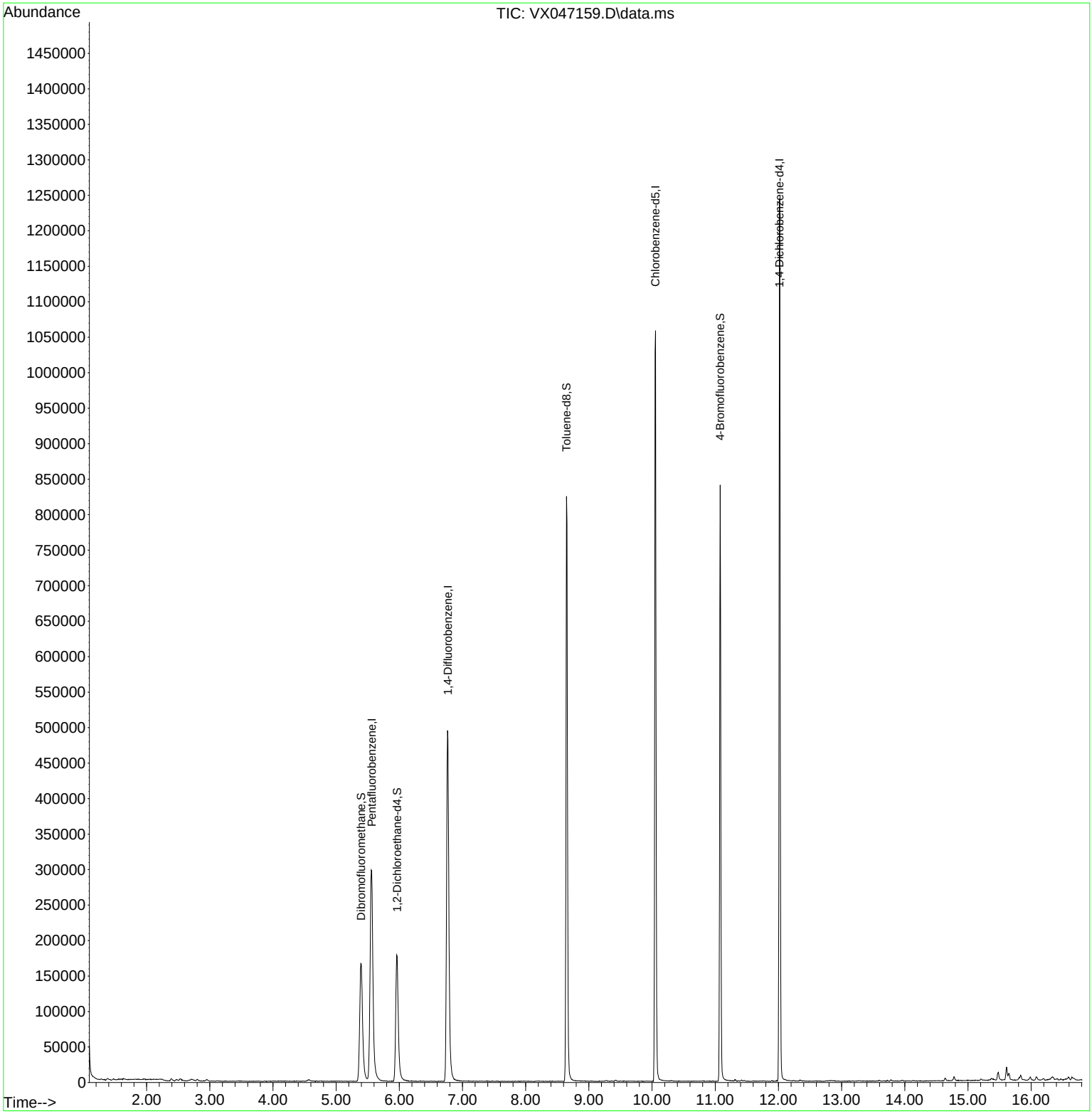
(#) = qualifier out of range (m) = manual integration (+) = signals summed

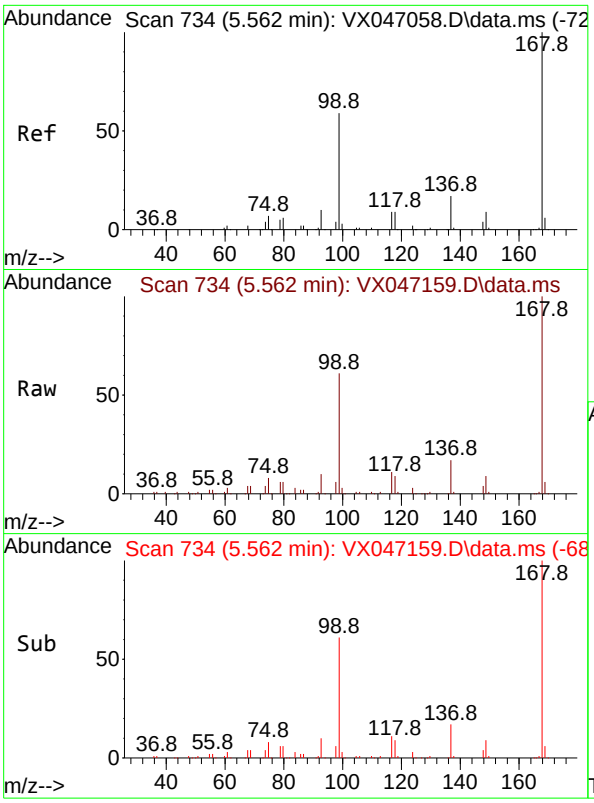
Sample Results: **VX047159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047159.D
Acq On : 28 Jul 2025 12:20
Operator : JC/MD
Sample : Q2693-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 29 02:41:54 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



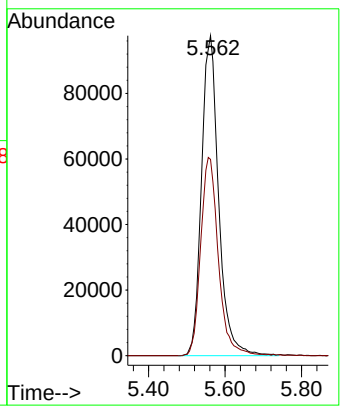


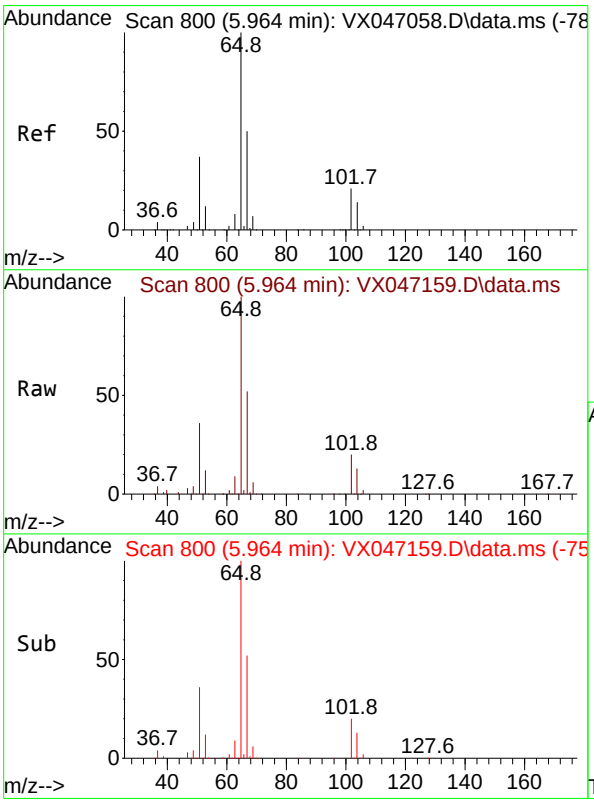
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

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

Tgt Ion:168 Resp: 303849

Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.0	72.0

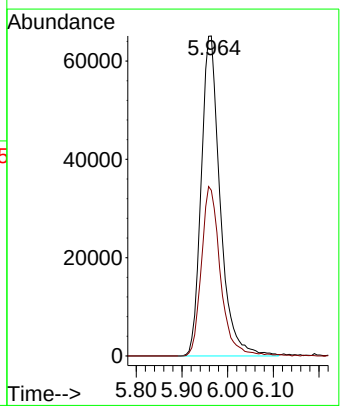


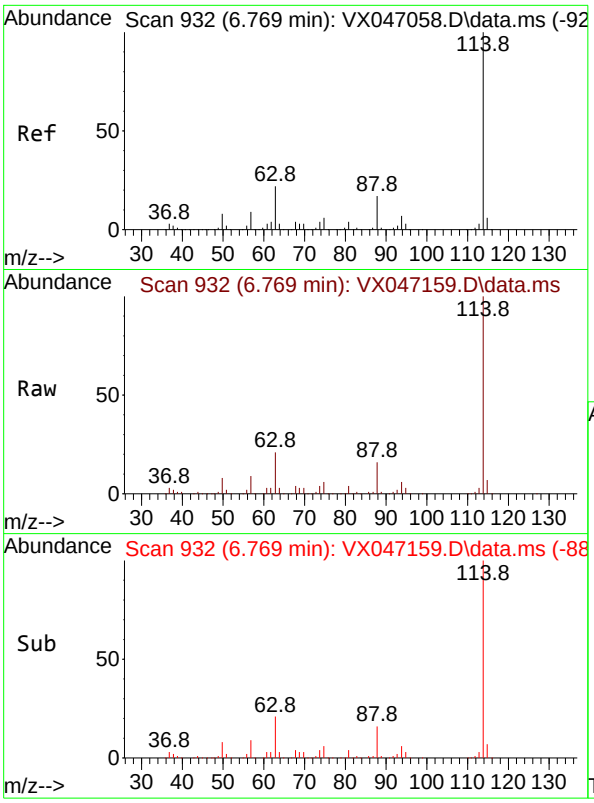


#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 65 Resp: 187065

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.8



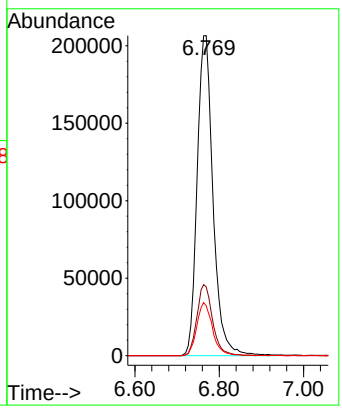


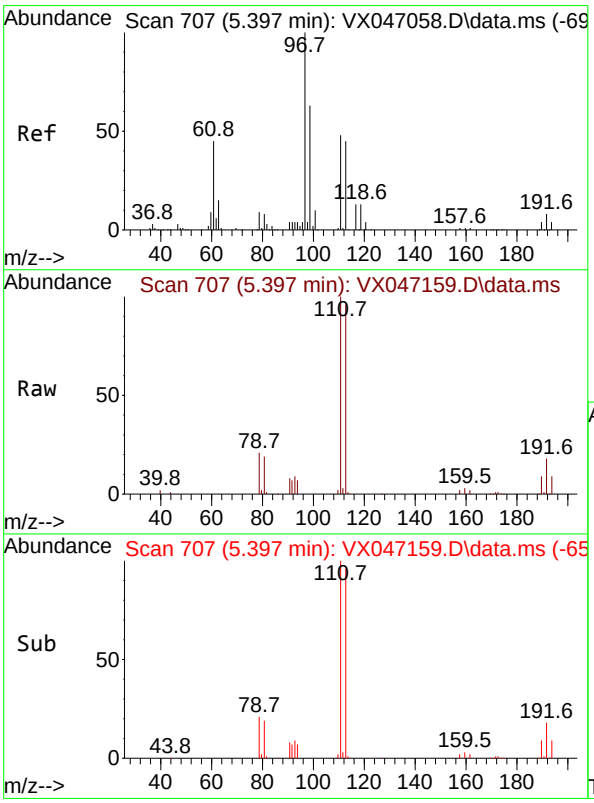
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

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

Tgt Ion:114 Resp: 541367

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	15.6	0.0	33.8

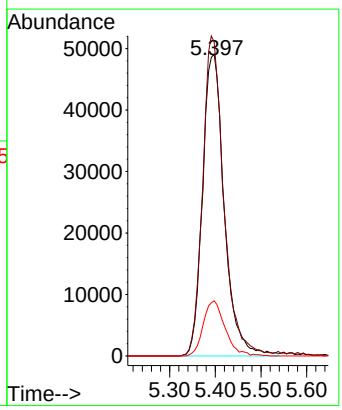


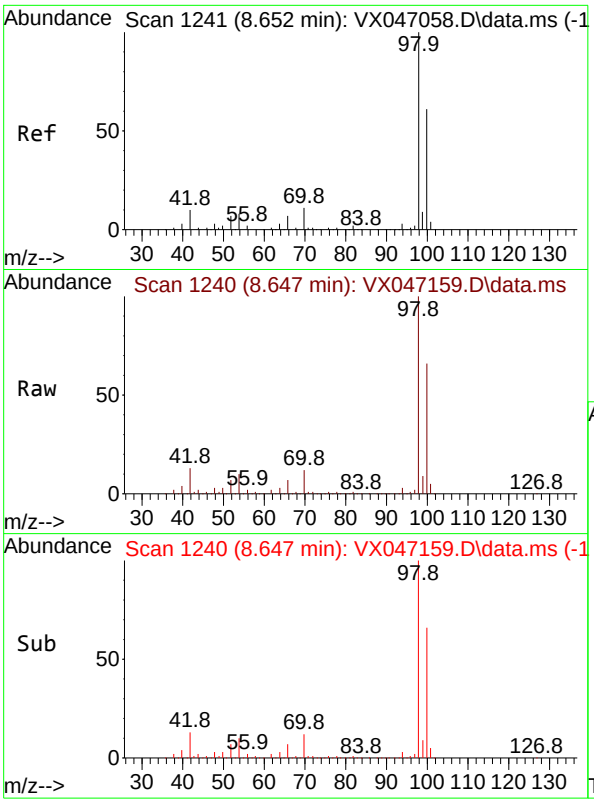


#35
Dibromofluoromethane
Concen: 48.388 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion:113 Resp: 161741

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	18.4	14.9	22.3



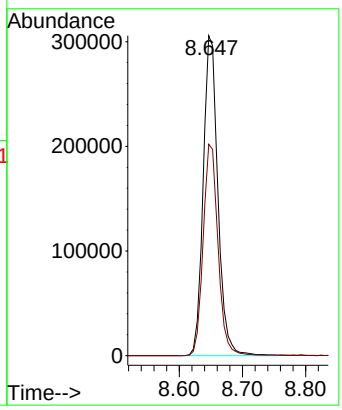


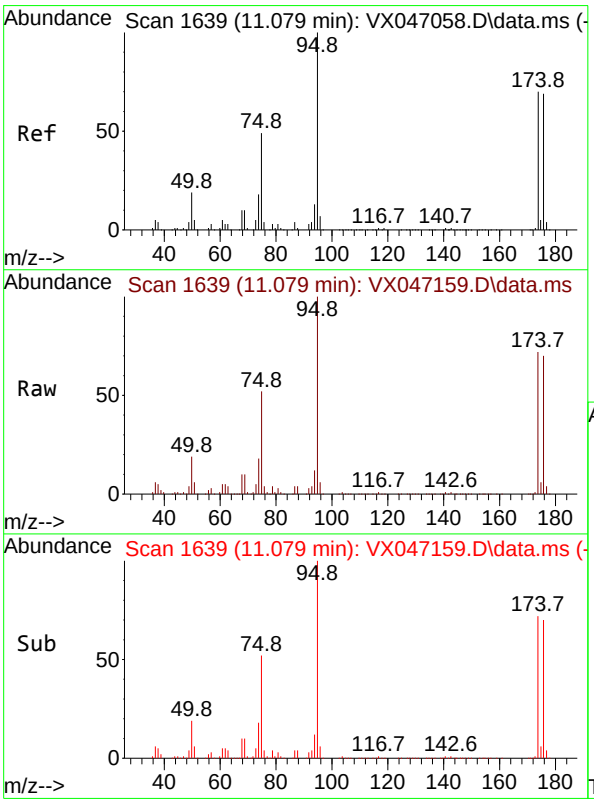
#50
Toluene-d8
Concen: 45.684 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

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

Tgt Ion: 98 Resp: 494526

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9

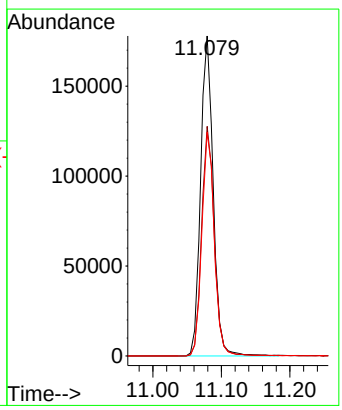


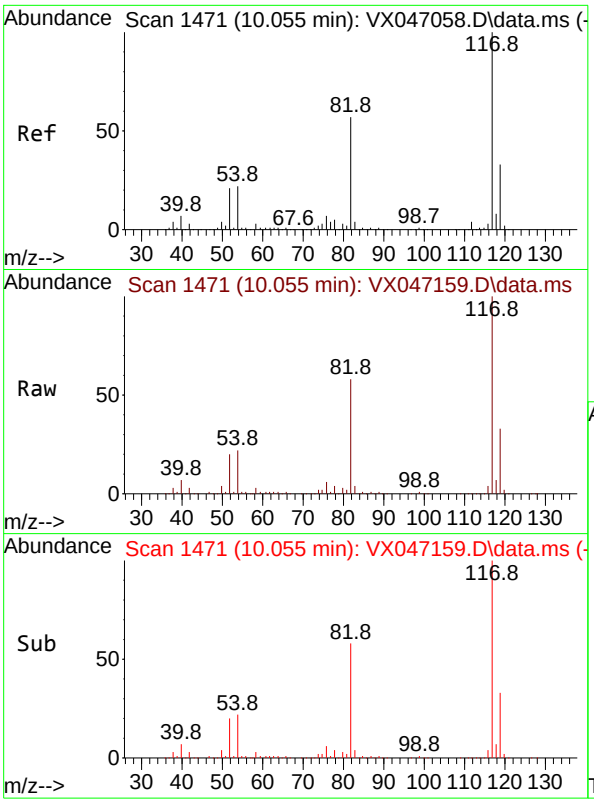


#62
4-Bromofluorobenzene
Concen: 48.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 95 Resp: 227868

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	144.6
176	69.2	0.0	139.6



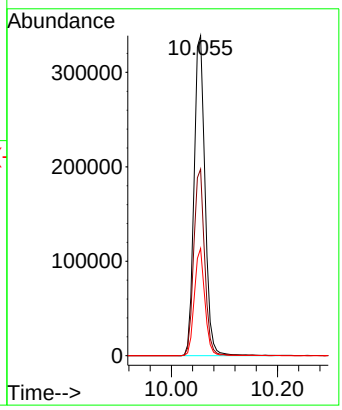


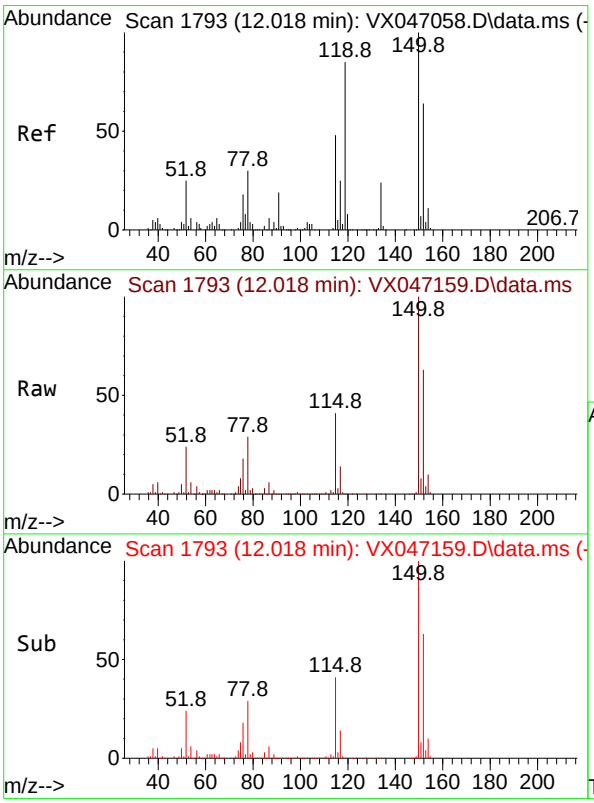
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

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

Tgt Ion:117 Resp: 484958

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.4	68.2
119	33.5	26.1	39.1

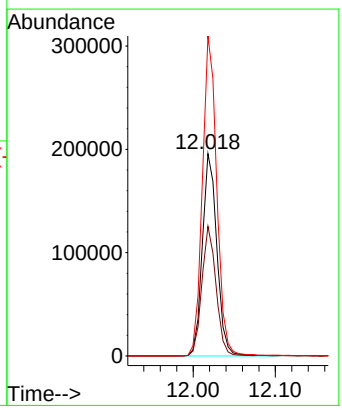




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion:152 Resp: 241227

Ion	Ratio	Lower	Upper
152	100		
115	62.8	45.6	136.7
150	156.4	0.0	354.6



Raw Data: **VX047160.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2693
Lab Sample ID:	Q2693-03	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
VX047160.D	1	07/28/25 13:16	VX072825

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: **VX047160.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2693
Lab Sample ID:	Q2693-03	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
VX047160.D	1	07/28/25 13:16	VX072825

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: **VX047160.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2693
Lab Sample ID:	Q2693-03	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
VX047160.D	1	07/28/25 13:16	VX072825

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	46.2		74 - 125	92%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	43.8		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	312000	5.556			
540-36-3	1,4-Difluorobenzene	531000	6.763			
3114-55-4	Chlorobenzene-d5	478000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	246000	12.018			

Raw Data: **VX047160.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2693
Lab Sample ID:	Q2693-03	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
VX047160.D	1	07/28/25 13:16	VX072825

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\VX072825\
Data File : VX047160.D
Acq On : 28 Jul 2025 13:16
Operator : JC/MD
Sample : Q2693-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 29 02:15:43 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

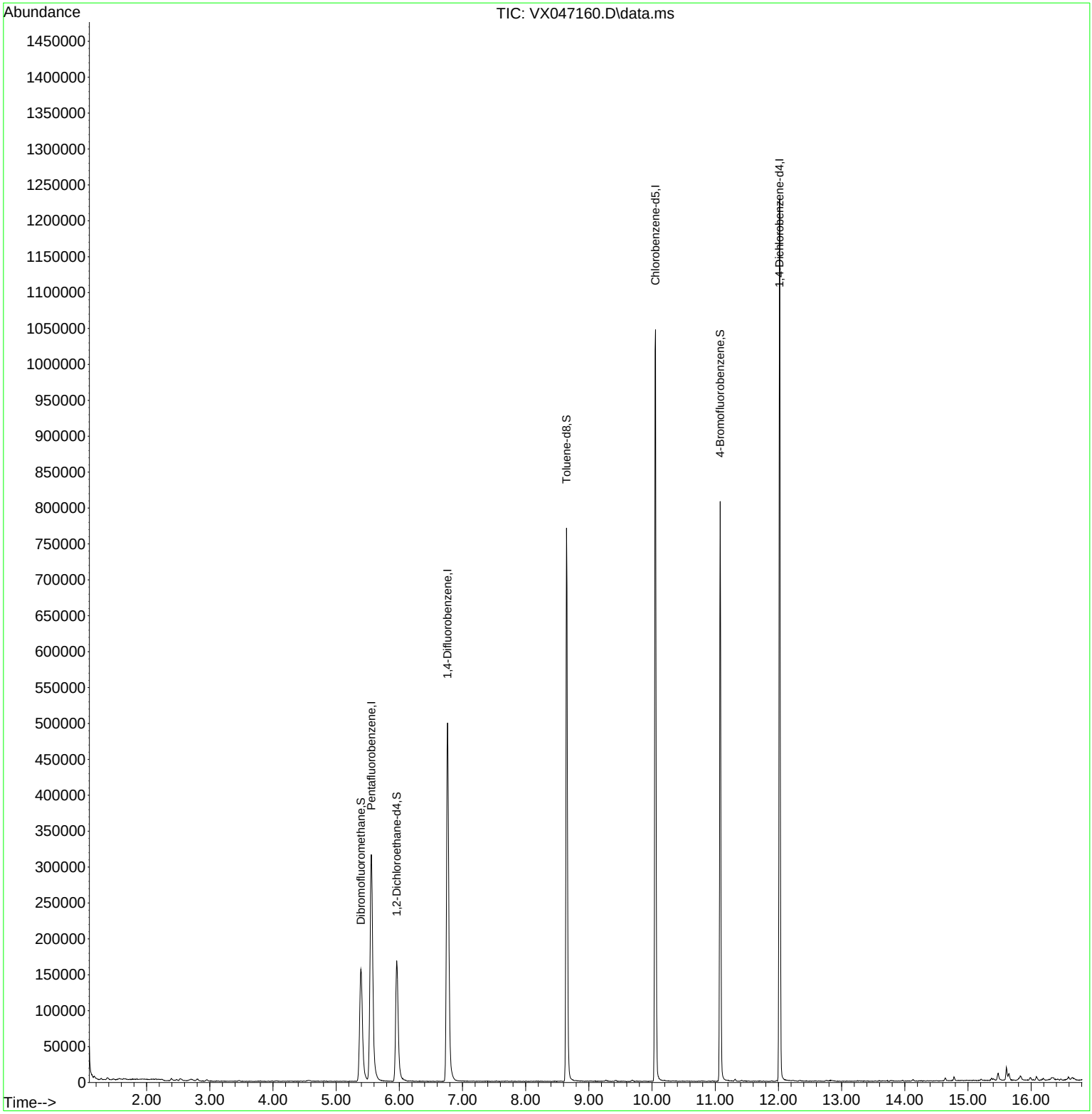
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	312397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179721	46.183	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.391	113	151842	46.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	8.647	98	464483	43.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.500%#		
62) 4-Bromofluorobenzene	11.079	95	218448	47.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						Qvalue

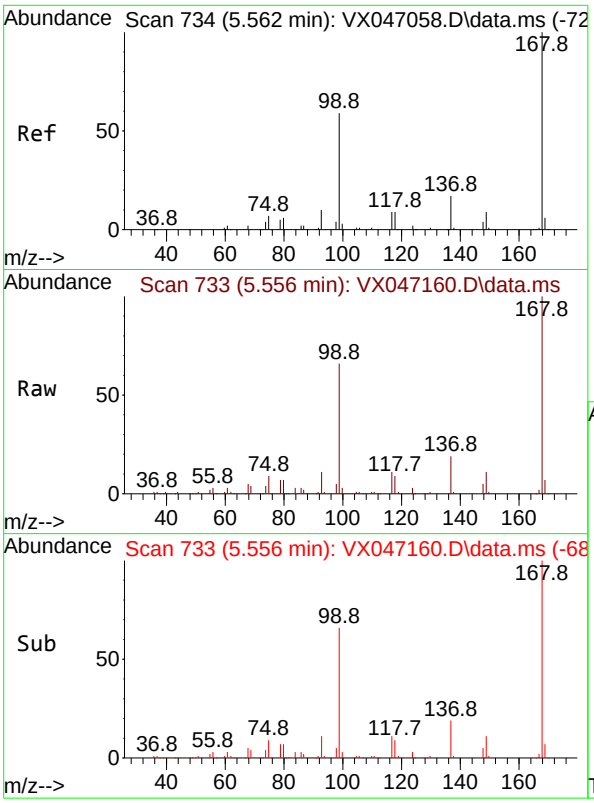
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047160.D
Acq On : 28 Jul 2025 13:16
Operator : JC/MD
Sample : Q2693-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 29 02:15:43 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



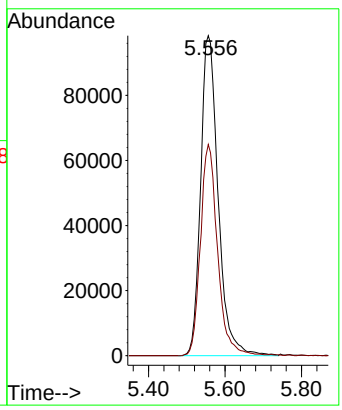


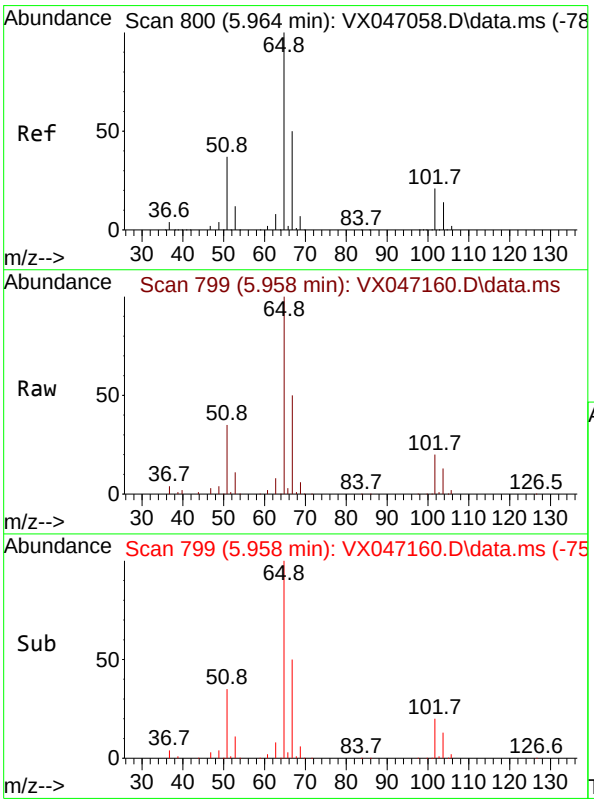
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

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

Tgt Ion:168 Resp: 312397

Ion	Ratio	Lower	Upper
168	100		
99	66.0	48.0	72.0

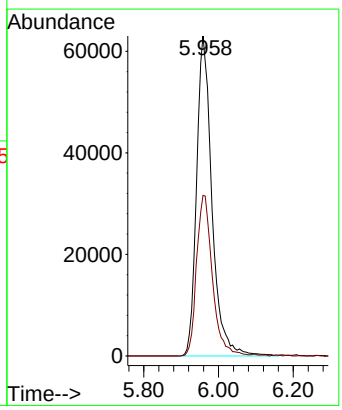


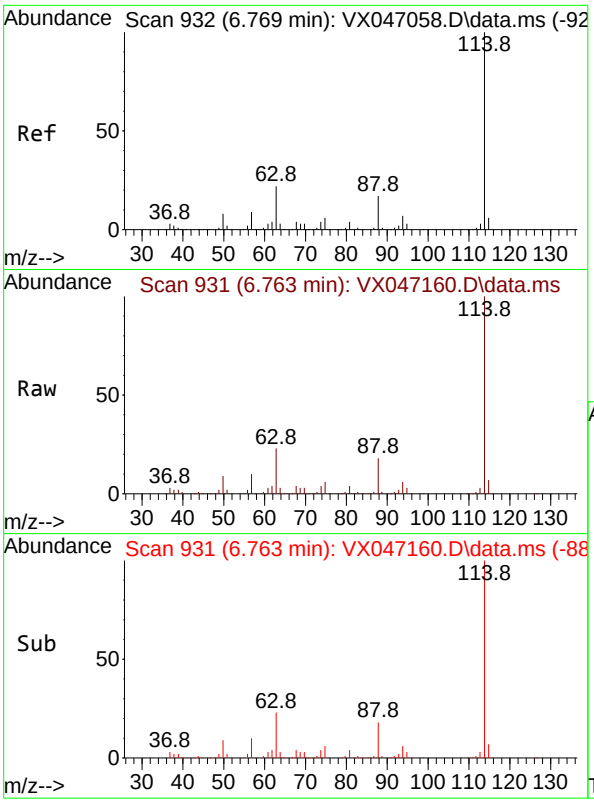


#33
1,2-Dichloroethane-d4
Concen: 46.183 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 65 Resp: 179721

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



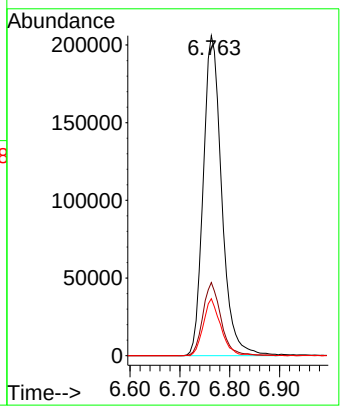


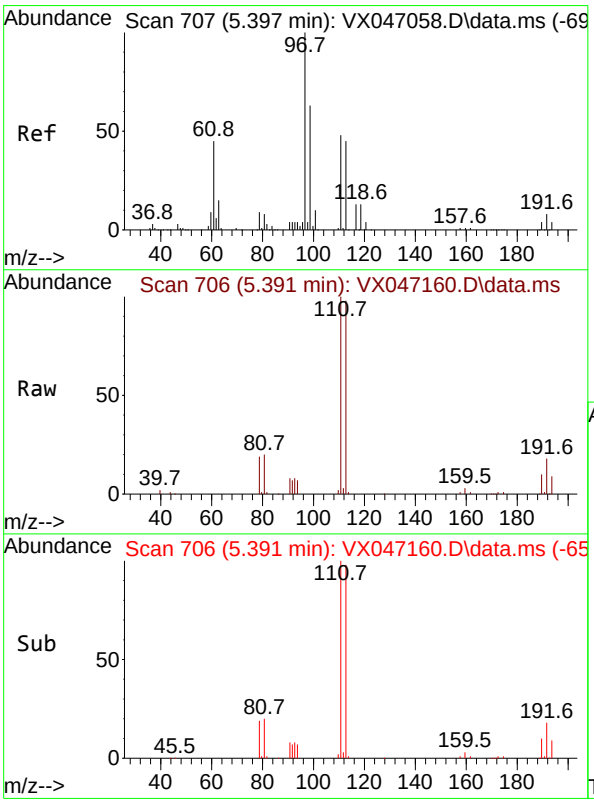
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

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

Tgt Ion:114 Resp: 530955

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.2
88	17.8	0.0	33.8

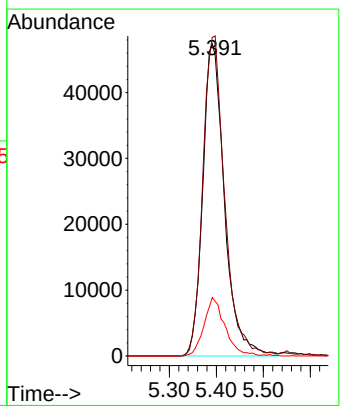


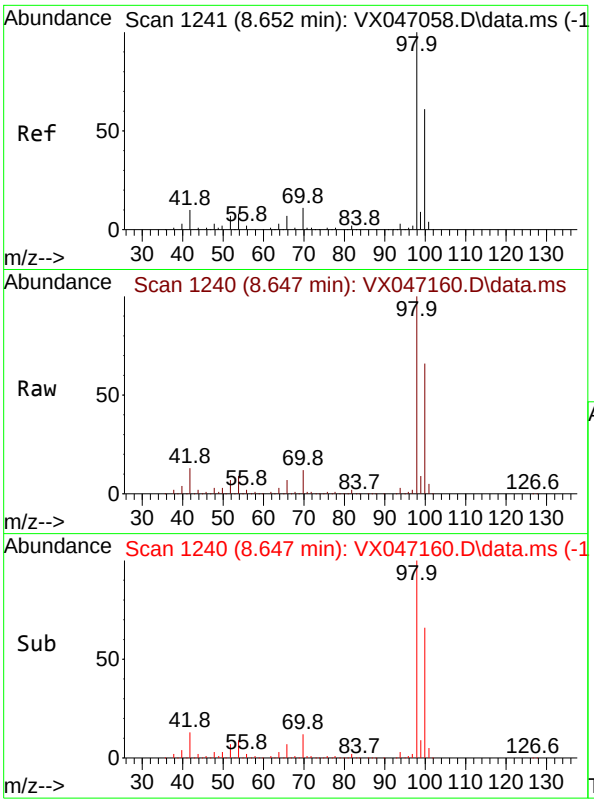


#35
Dibromofluoromethane
Concen: 46.317 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:113 Resp: 151842

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	18.1	14.9	22.3



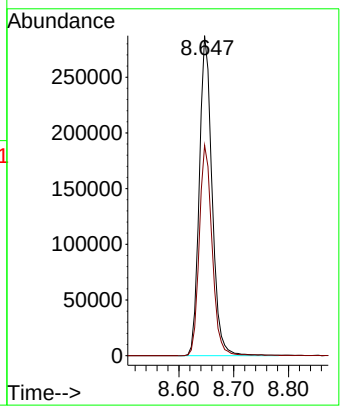


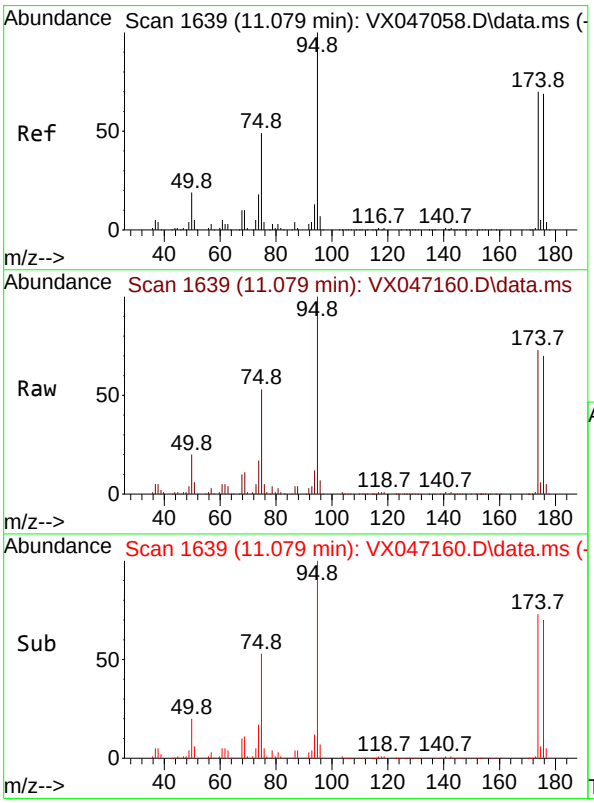
#50
Toluene-d8
Concen: 43.750 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

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

Tgt Ion: 98 Resp: 464483

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

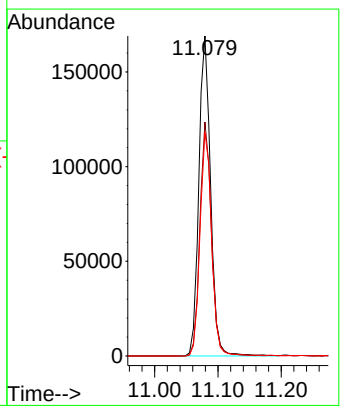


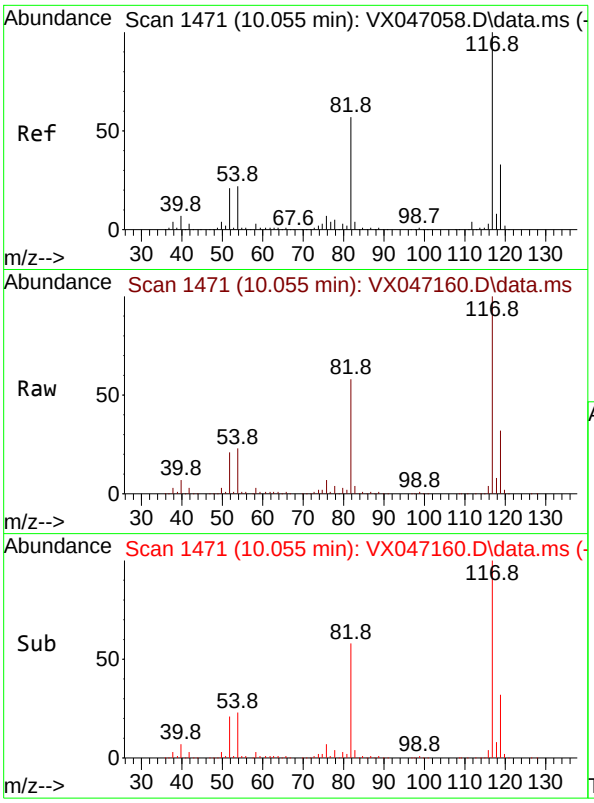


#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 95 Resp: 218448

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	144.6
176	69.2	0.0	139.6



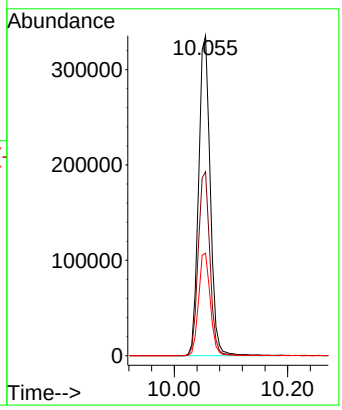


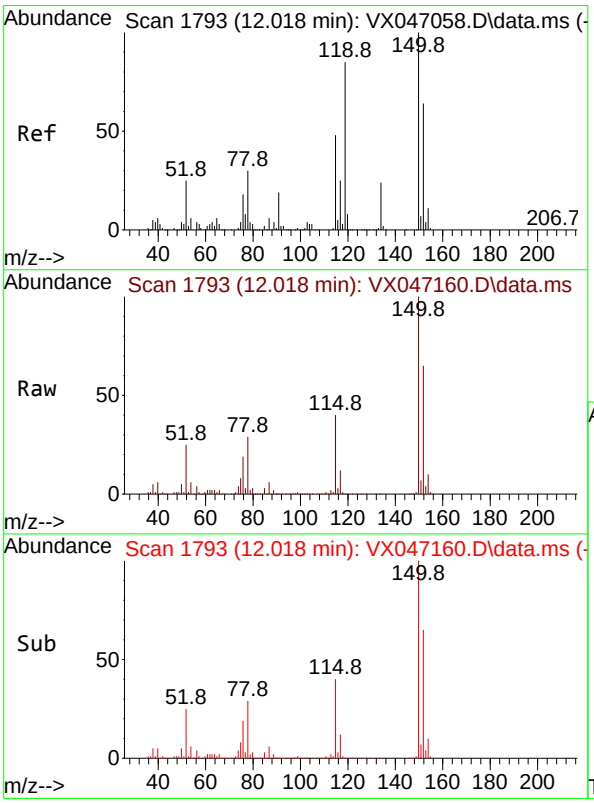
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

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

Tgt Ion:117 Resp: 478257

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.2
119	32.0	26.1	39.1

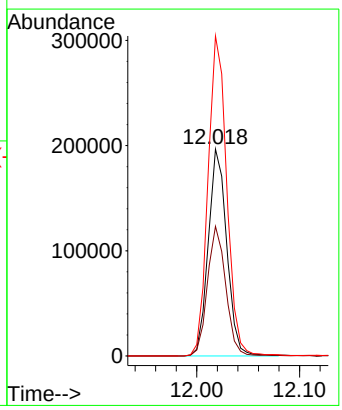




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:152 Resp: 245775

Ion	Ratio	Lower	Upper
152	100		
115	62.2	45.6	136.7
150	156.7	0.0	354.6



Raw Data: **VX047139.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2693
Lab Sample ID:	Q2693-04	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
VX047139.D	1	07/25/25 13:47	VX072525

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: **VX047139.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2693
Lab Sample ID:	Q2693-04	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
VX047139.D	1	07/25/25 13:47	VX072525

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: **VX047139.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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2693
Lab Sample ID:	Q2693-04	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
VX047139.D	1	07/25/25 13:47	VX072525

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	54.1		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	54.9		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	397000	5.568			
540-36-3	1,4-Difluorobenzene	726000	6.769			
3114-55-4	Chlorobenzene-d5	694000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	360000	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:	07/18/25
Project:	Weekly Storage Blanks	Date Received:	07/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2693
Lab Sample ID:	Q2693-04	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
VX047139.D	1	07/25/25 13:47	VX072525

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: **VX047139.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047139.D
Acq On : 25 Jul 2025 13:47
Operator : JC/MD
Sample : Q2693-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 26 00:30:13 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

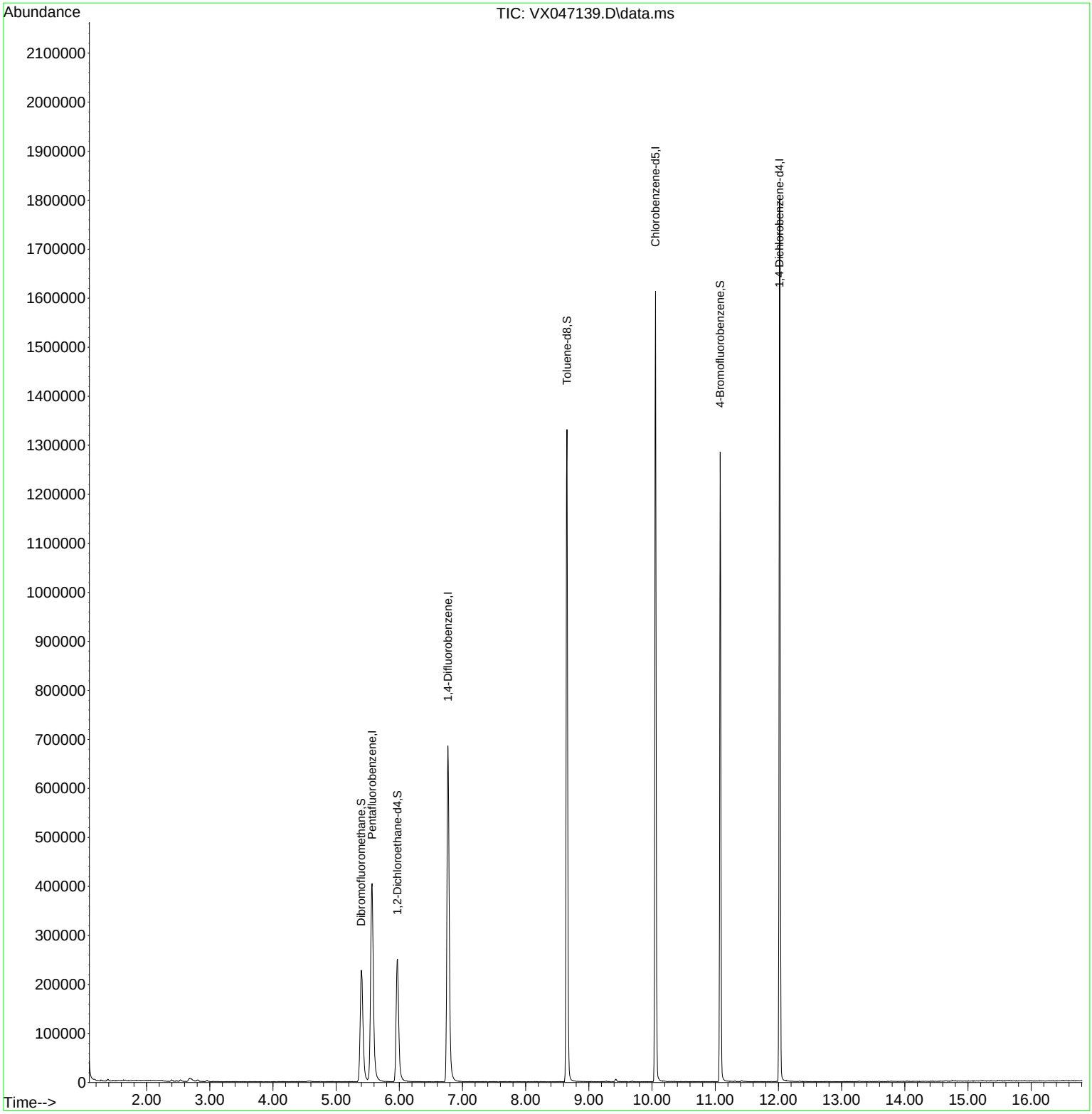
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	397105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	725707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	694329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	360128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	267468	54.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.140%			
35) Dibromofluoromethane	5.397	113	218775	48.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.660%			
50) Toluene-d8	8.653	98	797060	54.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.860%			
62) 4-Bromofluorobenzene	11.079	95	340447	54.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.880%			
Target Compounds						Qvalue

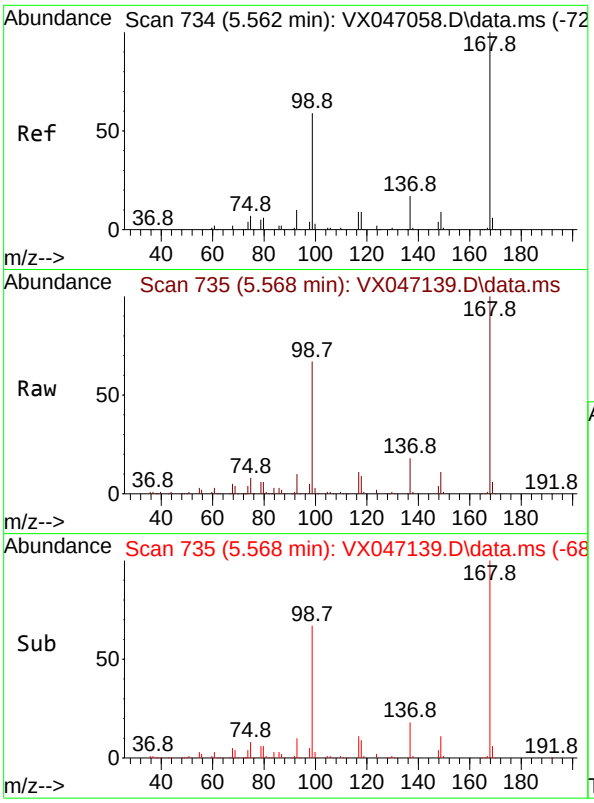
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047139.D
Acq On : 25 Jul 2025 13:47
Operator : JC/MD
Sample : Q2693-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 26 00:30:13 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



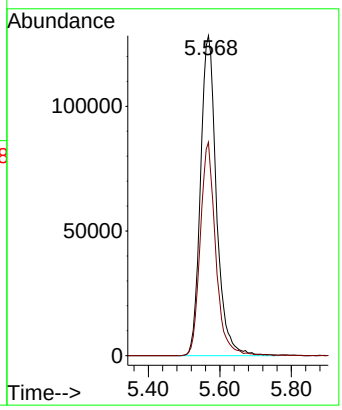


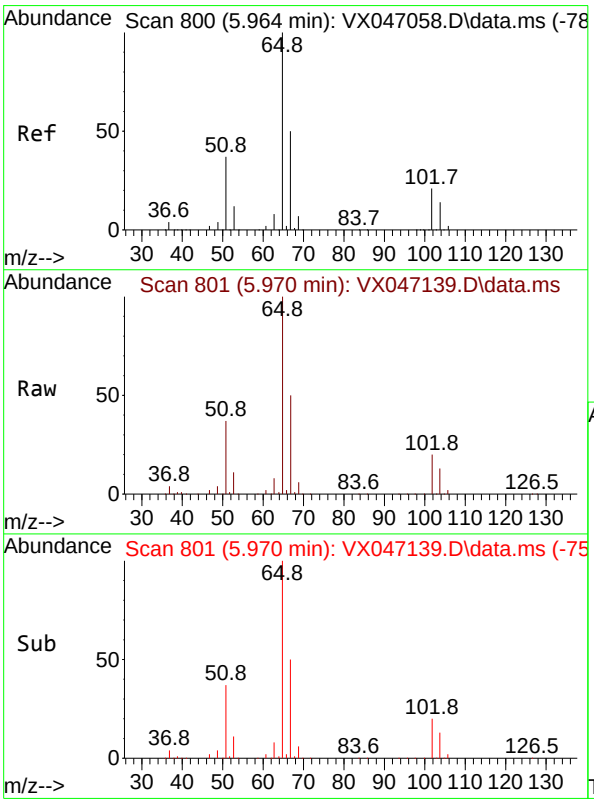
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

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

Tgt Ion:168 Resp: 397105

Ion	Ratio	Lower	Upper
168	100		
99	66.7	48.0	72.0

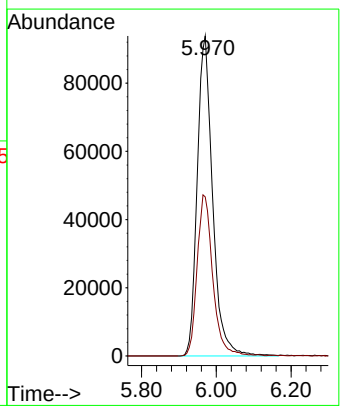


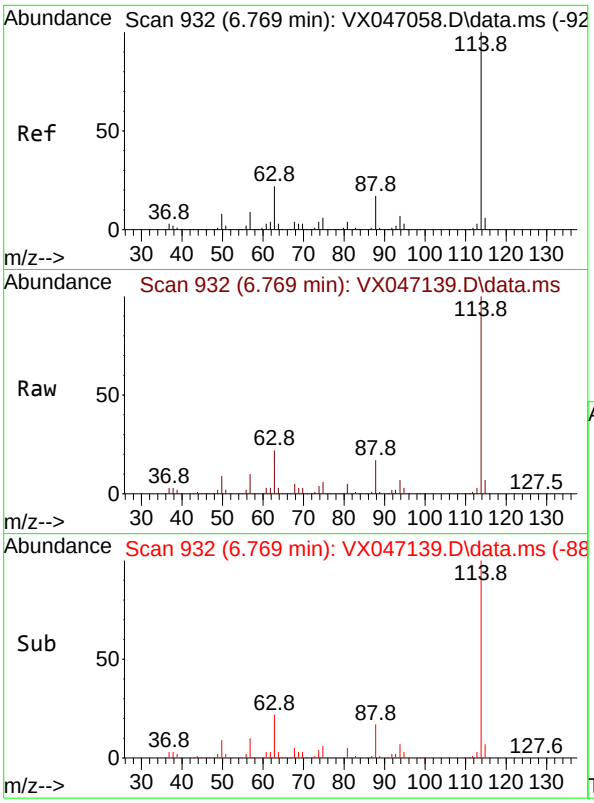


#33
1,2-Dichloroethane-d4
Concen: 54.070 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 65 Resp: 267468

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.8



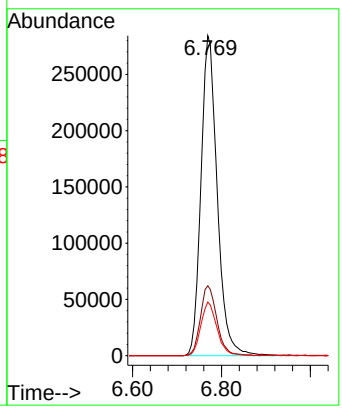


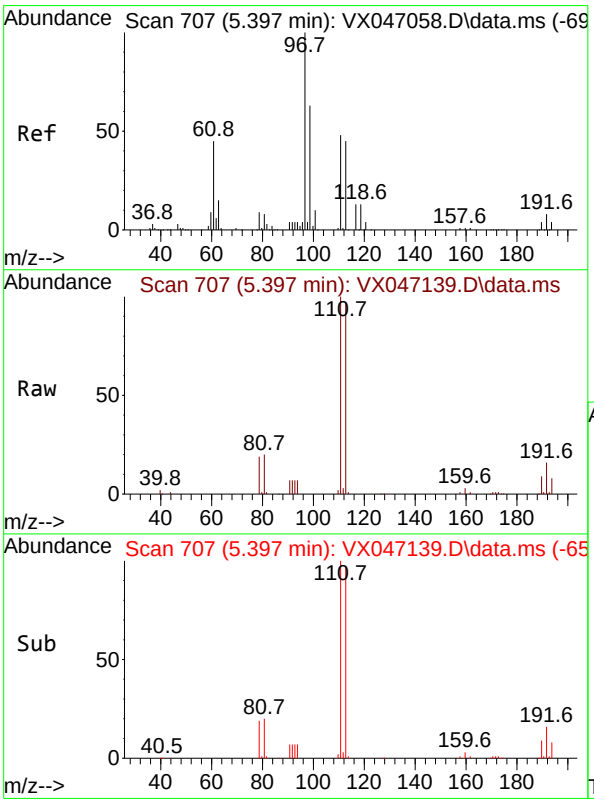
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

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

Tgt Ion:114 Resp: 725707

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.8	0.0	33.8

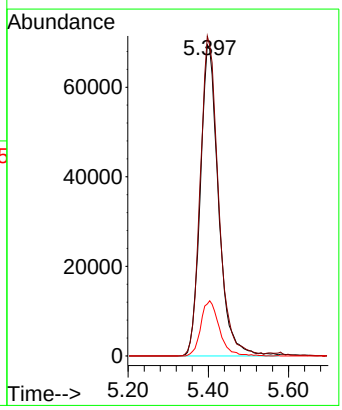


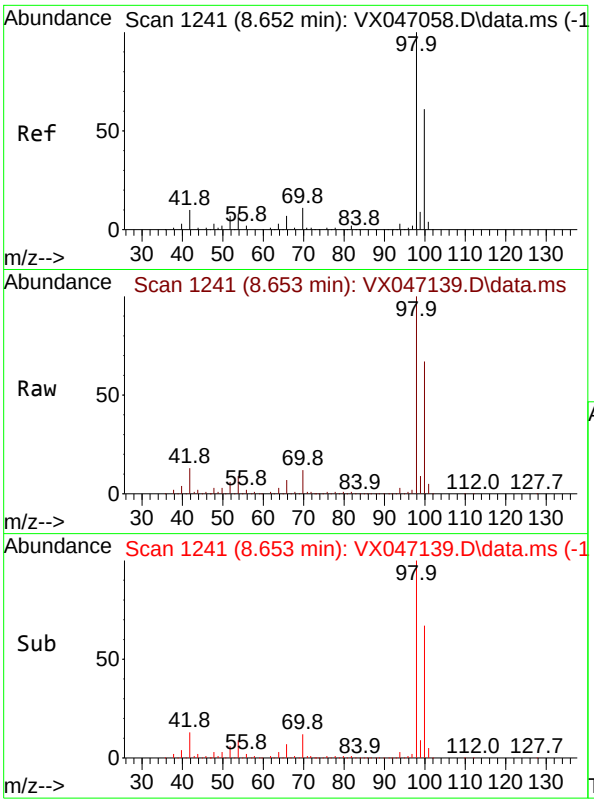


#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion:113 Resp: 218775

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	18.1	14.9	22.3



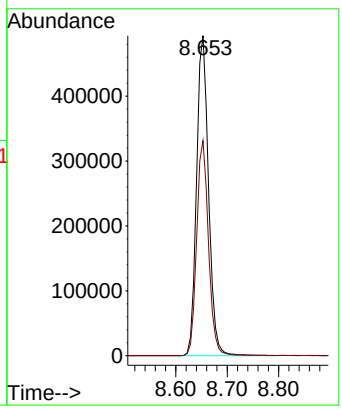


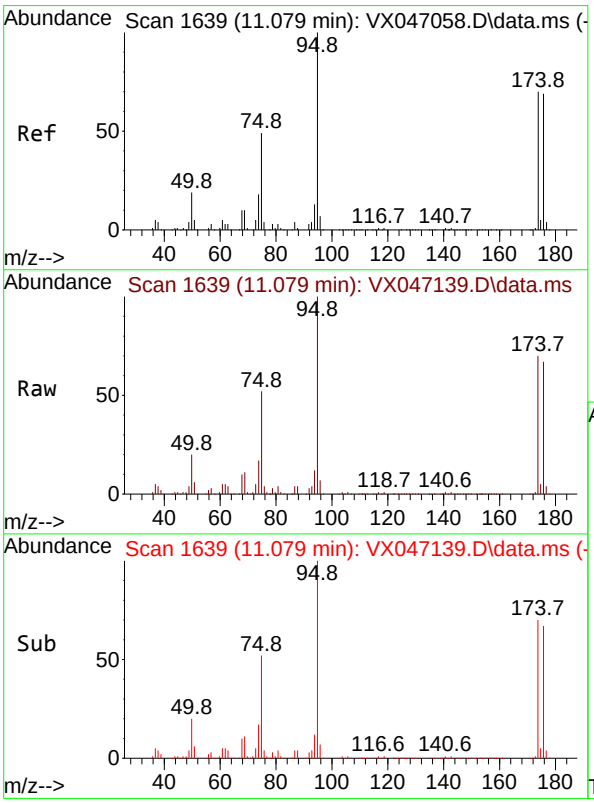
#50
Toluene-d8
Concen: 54.929 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

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

Tgt Ion: 98 Resp: 797060

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9

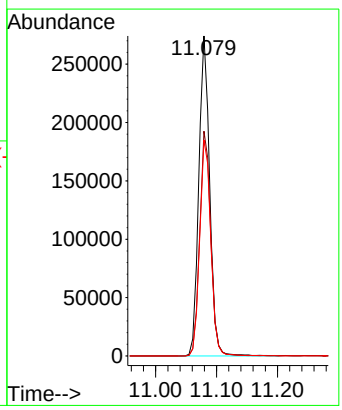


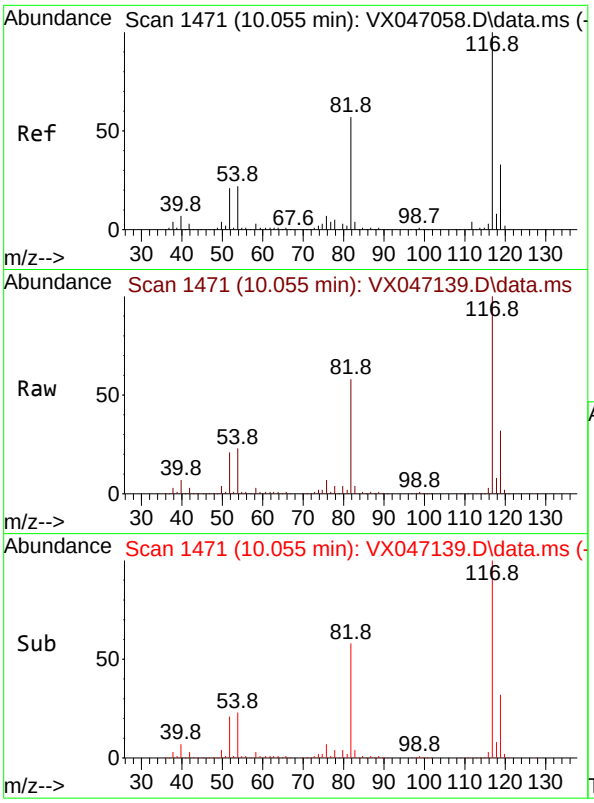


#62
4-Bromofluorobenzene
Concen: 54.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 95 Resp: 340447

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	144.6
176	68.8	0.0	139.6



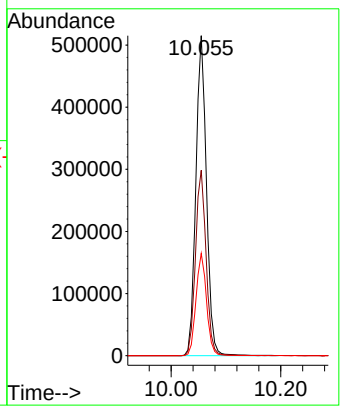


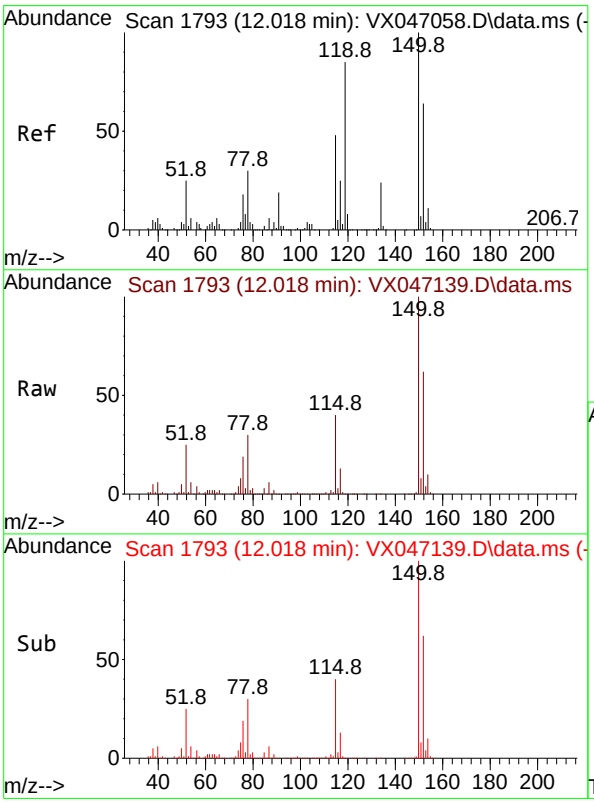
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

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

Tgt Ion:117 Resp: 694329

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	32.0	26.1	39.1

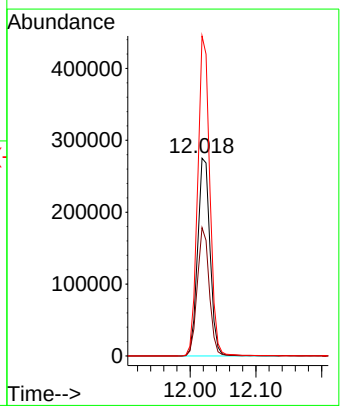




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion:152 Resp: 360128

Ion	Ratio	Lower	Upper
152	100		
115	62.4	45.6	136.7
150	158.1	0.0	354.6



CALIBRATION SUMMARY

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.: Q2693

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.: Q2693

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.: Q2693

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

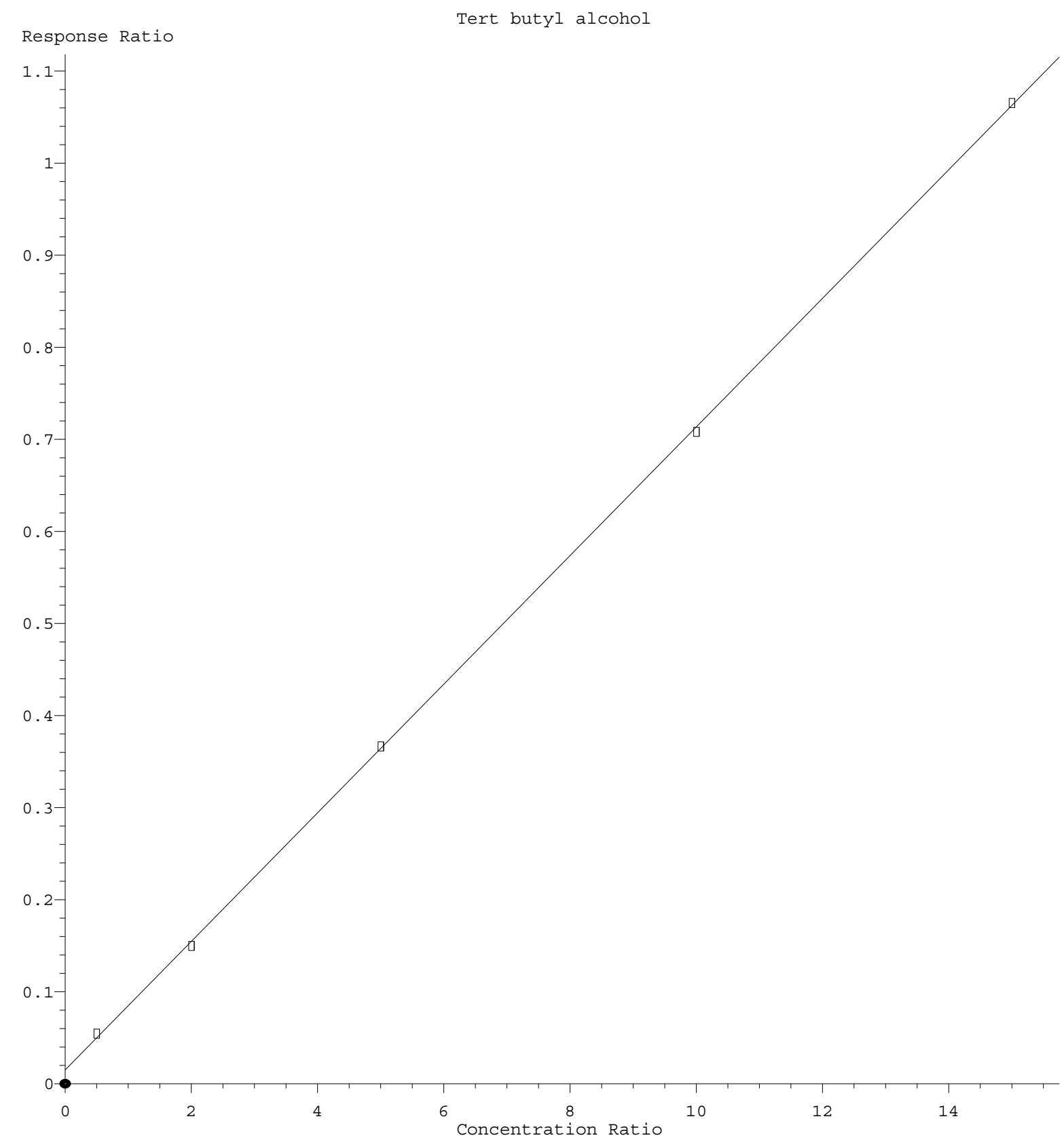
Calibration Files
1 =VX047055.D 5 =VX047056.D 20 =VX047057.D 50 =VX047058.D 100 =VX047059.D 150 =VX047060.D

		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

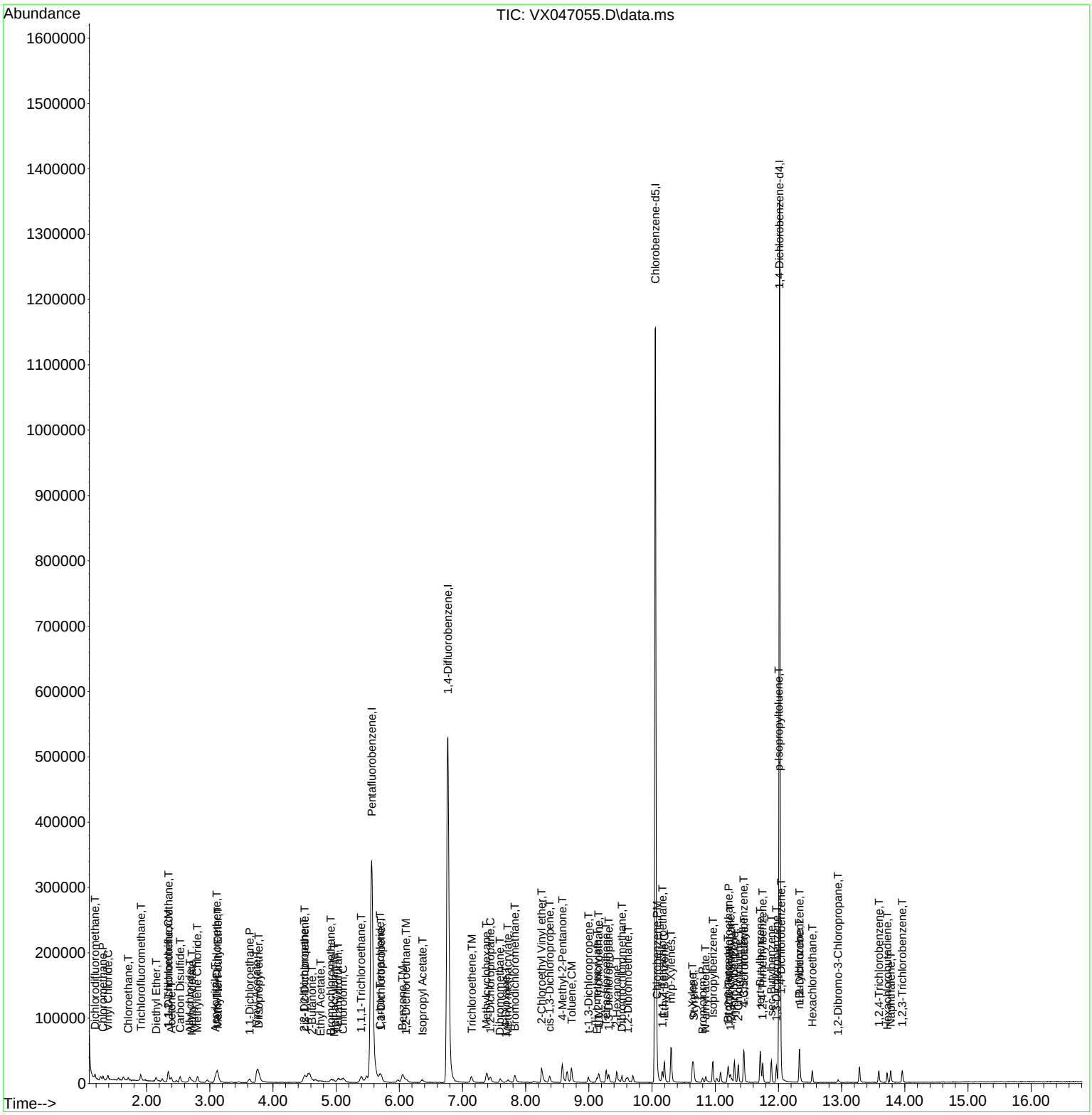
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047055.D
Acq On : 21 Jul 2025 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

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

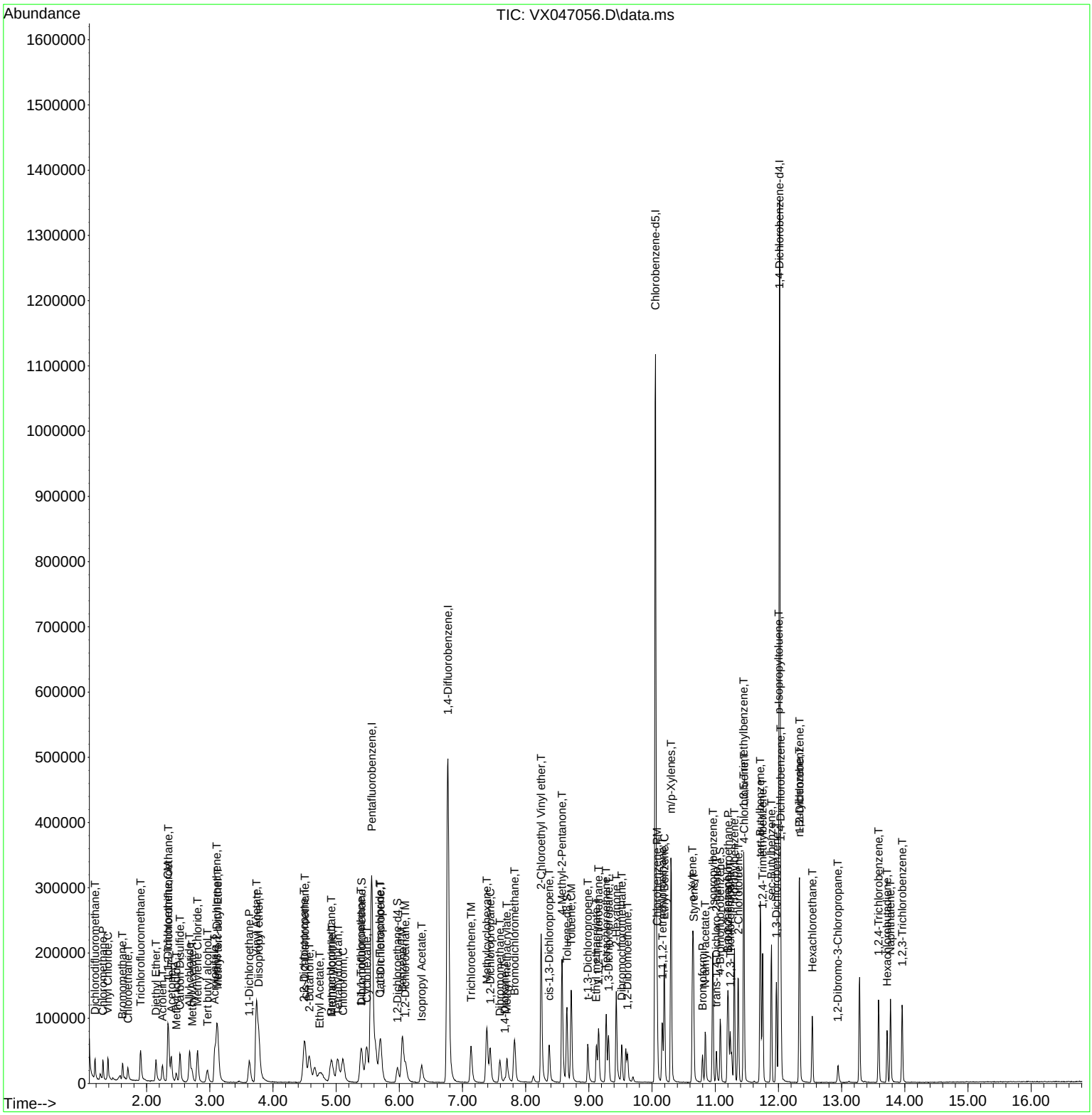
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

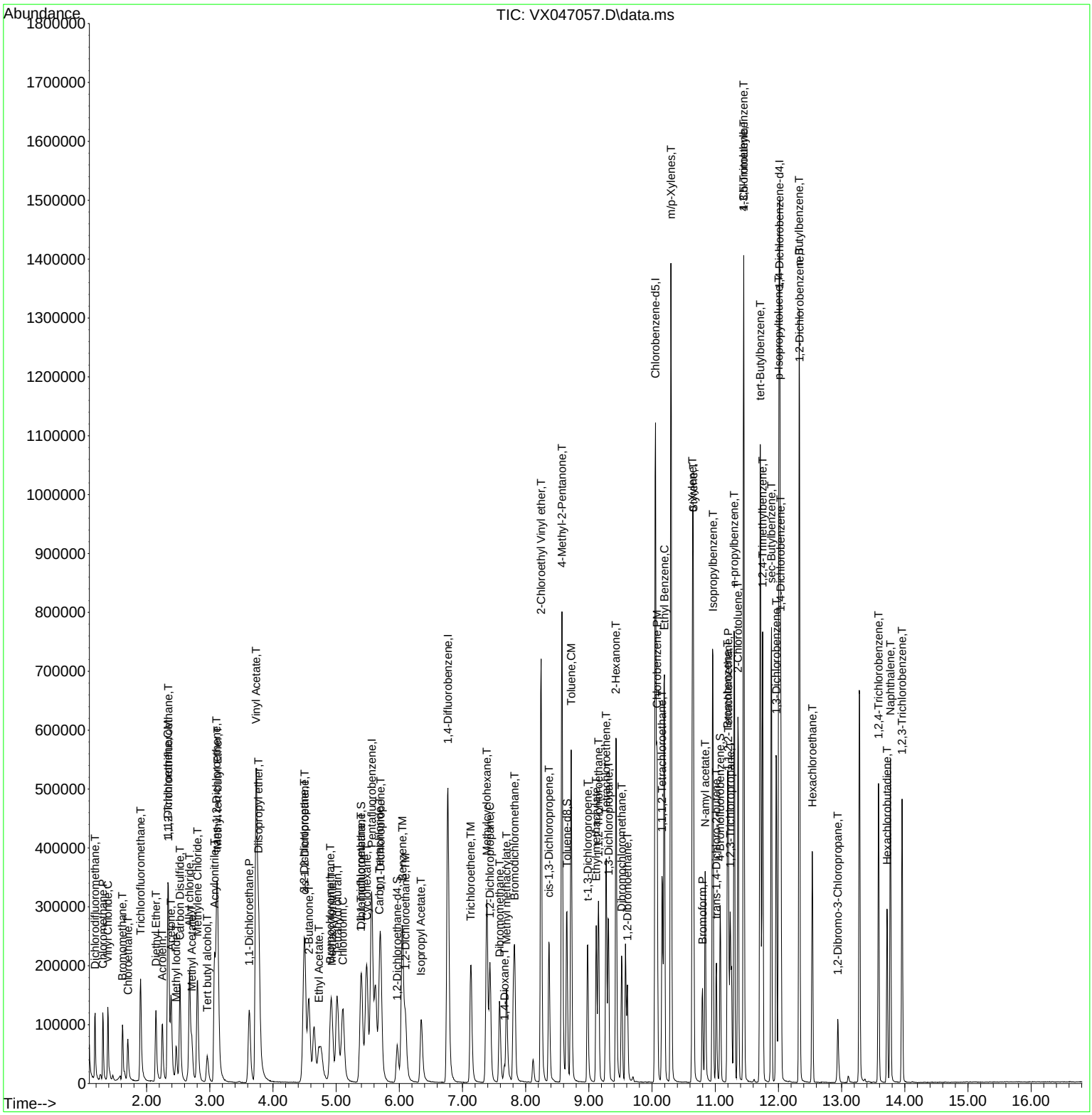
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047057.D
Acq On : 21 Jul 2025 10:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

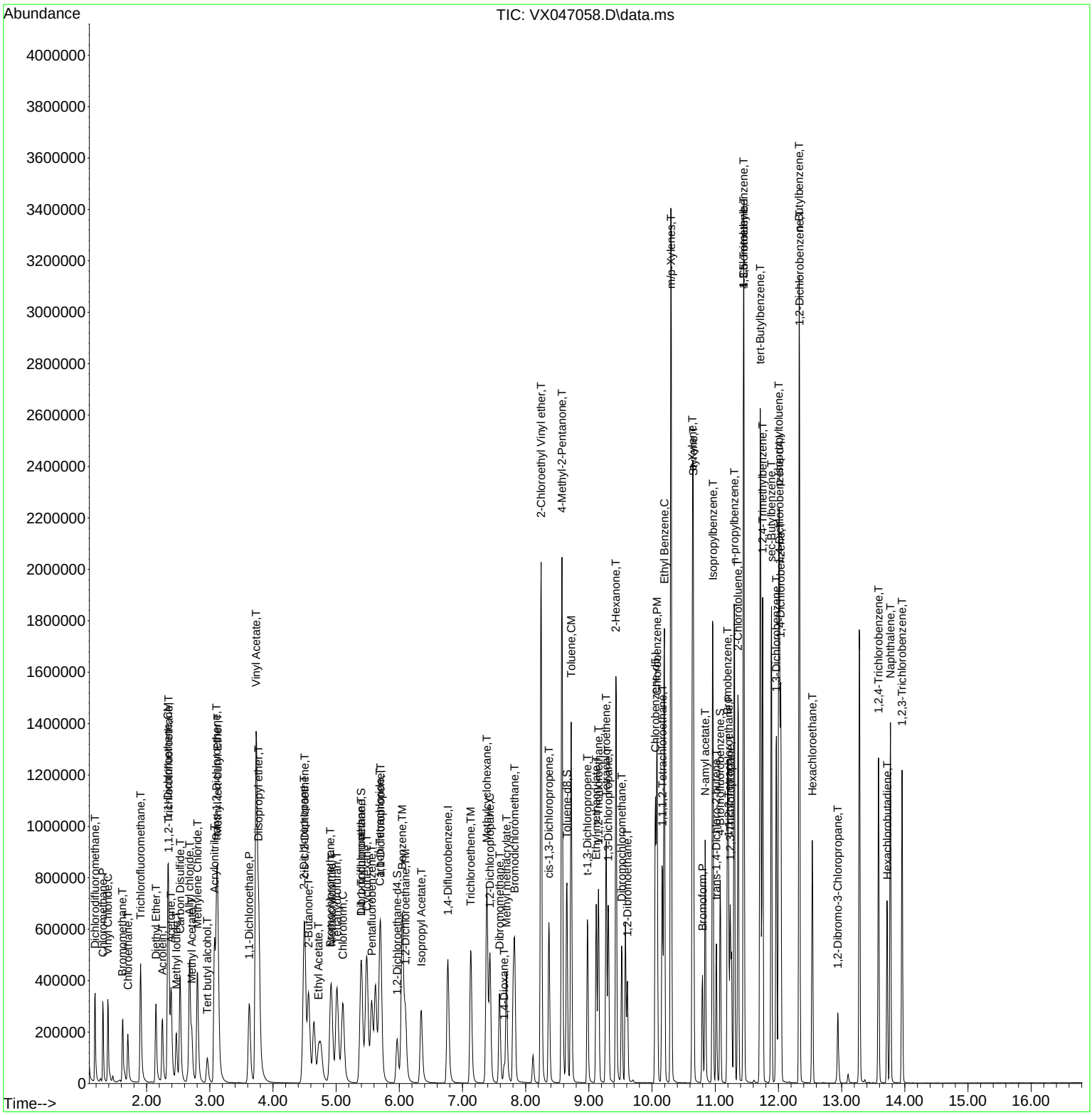
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047058.D
Acq On : 21 Jul 2025 10:50
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

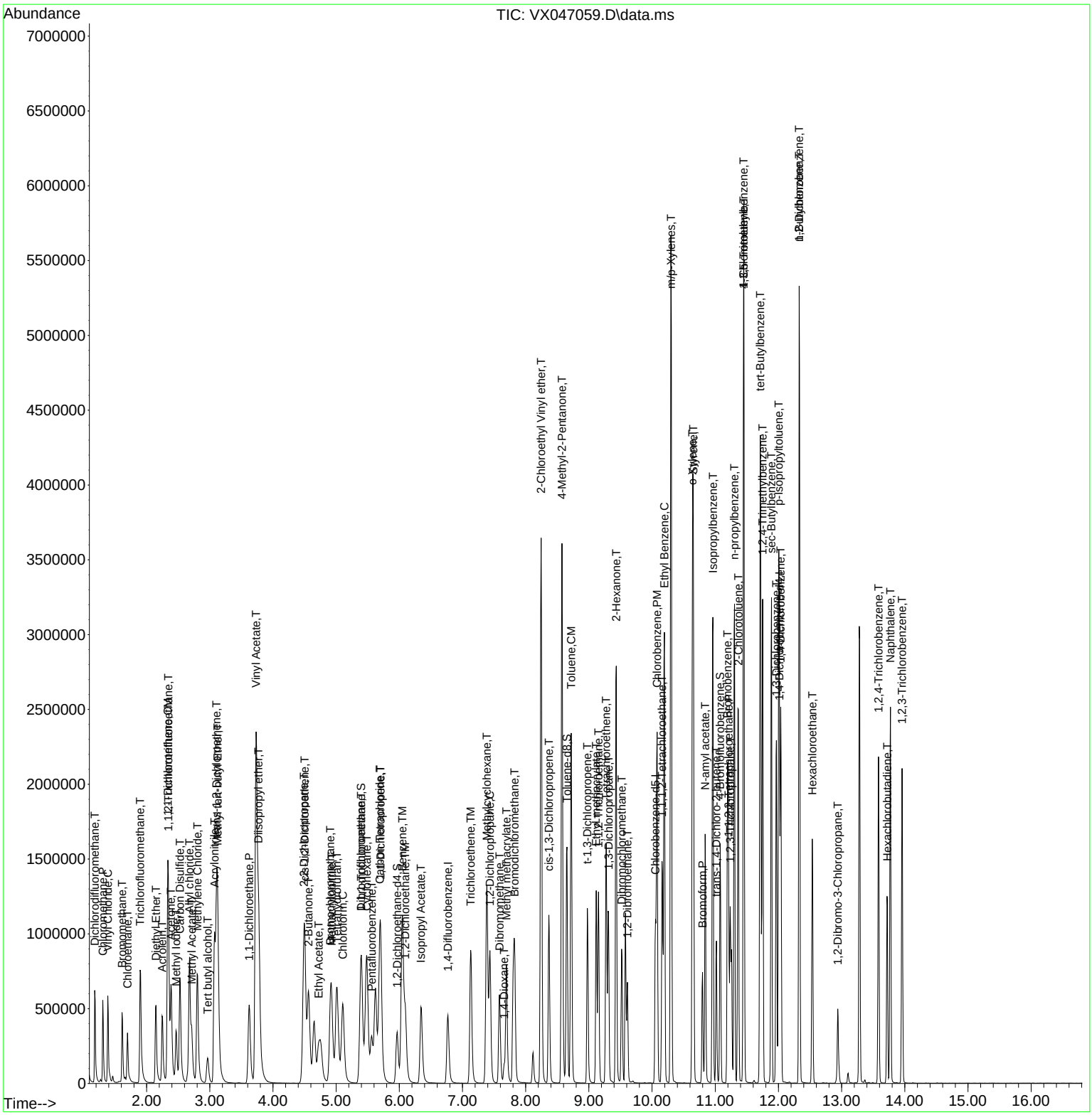
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047059.D
Acq On : 21 Jul 2025 11:11
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

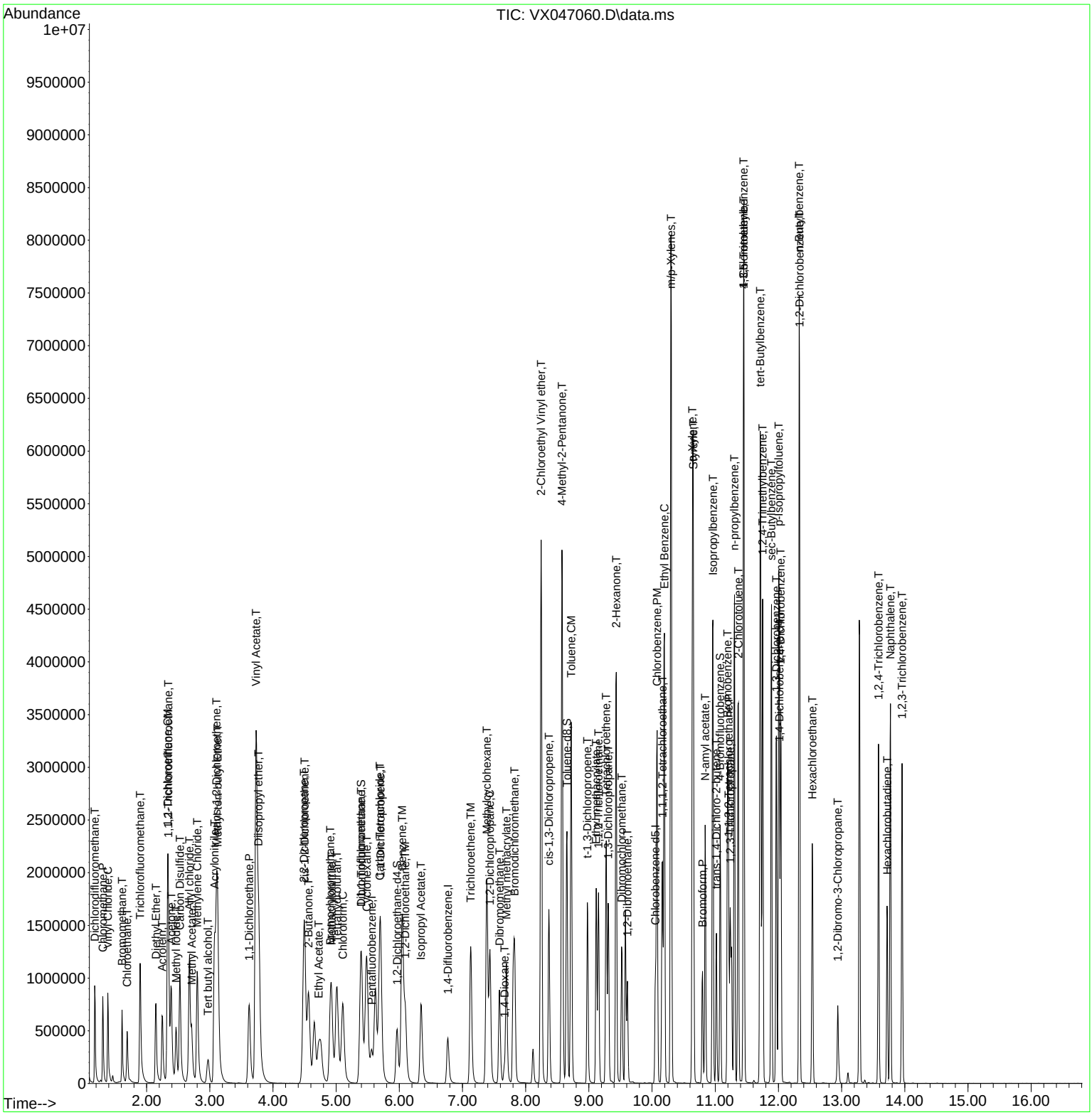
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047060.D
Acq On : 21 Jul 2025 11:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

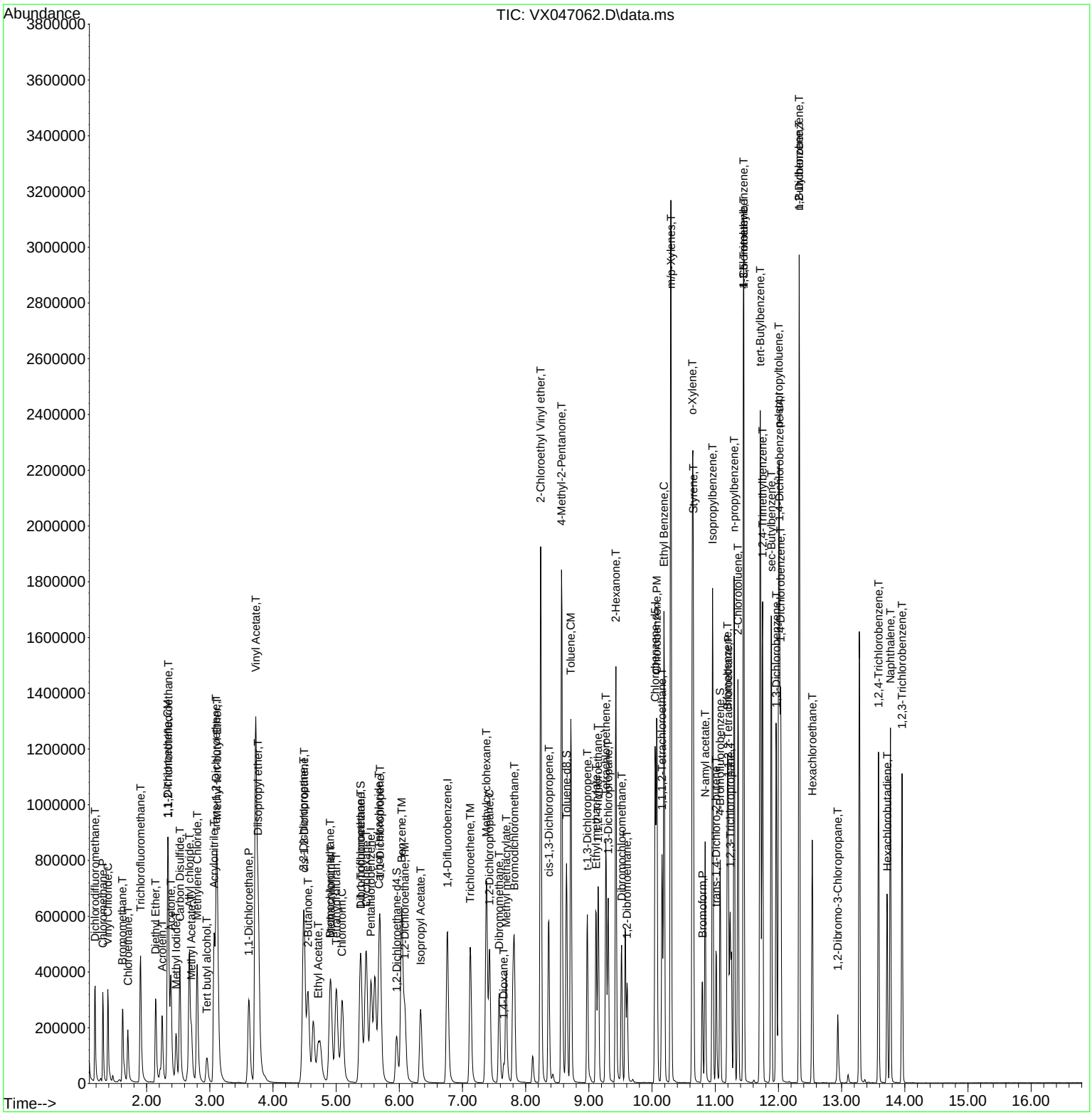
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047062.D
Acq On : 21 Jul 2025 13:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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: **VX047128.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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/25/2025 09:40
Lab File ID: VX047128.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	0.670		0.9	20
Chloromethane	0.657	0.574	0.1	-12.63	20
Vinyl Chloride	0.706	0.702		-0.57	20
Ethyl Acetate	0.485	0.491		1.24	20
Bromomethane	0.384	0.362		-5.73	20
Chloroethane	0.464	0.414		-10.78	20
Trichlorofluoromethane	1.053	1.025		-2.66	20
1,1,2-Trichlorotrifluoroethane	0.634	0.614		-3.15	20
Tert butyl alcohol	0.080	0.069		-13.75	20
1,1-Dichloroethene	0.628	0.599		-4.62	20
Acrolein	0.134	0.164		22.39	20
Acrylonitrile	0.297	0.294		-1.01	20
Acetone	0.250	0.265		6	20
Carbon Disulfide	1.818	1.658		-8.8	20
Methyl tert-butyl Ether	1.912	1.952		2.09	20
Methyl Acetate	0.663	0.703		6.03	20
Methylene Chloride	0.686	0.645		-5.98	20
trans-1,2-Dichloroethene	0.643	0.607		-5.6	20
Vinyl Acetate	1.752	1.831		4.51	20
1,1-Dichloroethane	1.214	1.172	0.1	-3.46	20
Cyclohexane	1.164	1.062		-8.76	20
2-Butanone	0.363	0.359		-1.1	20
Carbon Tetrachloride	0.562	0.538		-4.27	20
2,2-Dichloropropane	0.940	0.943		0.32	20
cis-1,2-Dichloroethene	0.761	0.730		-4.07	20
Bromochloromethane	0.559	0.592		5.9	20
Chloroform	1.236	1.181		-4.45	20
1,1,1-Trichloroethane	1.074	1.035		-3.63	20
Methylcyclohexane	0.657	0.619		-5.78	20
1,1-Dichloropropene	0.526	0.479		-8.94	20
Benzene	1.523	1.453		-4.6	20
1,2-Dichloroethane	0.536	0.536		0	20
Trichloroethene	0.391	0.358		-8.44	20
1,2-Dichloropropane	0.381	0.371		-2.63	20
Dibromomethane	0.267	0.268		0.38	20
Bromodichloromethane	0.569	0.566		-0.53	20
4-Methyl-2-Pentanone	0.449	0.449		0	20
Toluene	0.936	0.898		-4.06	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: **VX047128.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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/25/2025 09:40
Lab File ID: VX047128.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	0.548		1.86	20
cis-1,3-Dichloropropene	0.588	0.586		-0.34	20
1,1,2-Trichloroethane	0.351	0.347		-1.14	20
1,3-Dichloropropane	0.610	0.599		-1.8	20
2-Chloroethyl Vinyl ether	0.289	0.277		-4.15	20
2-Hexanone	0.297	0.308		3.7	20
Dibromochloromethane	0.412	0.417		1.21	20
1,2-Dibromoethane	0.367	0.357		-2.72	20
Tetrachloroethene	0.360	0.327		-9.17	20
Chlorobenzene	1.171	1.108	0.3	-5.38	20
1,1,1,2-Tetrachloroethane	0.394	0.386		-2.03	20
Hexachloroethane	0.606	0.593		-2.14	20
Ethyl Benzene	2.048	1.971		-3.76	20
m/p-Xylenes	0.766	0.731		-4.57	20
o-Xylene	0.729	0.701		-3.84	20
Styrene	1.250	1.216		-2.72	20
Bromoform	0.300	0.303	0.1	1	20
Isopropylbenzene	3.945	3.787		-4.01	20
1,1,2,2-Tetrachloroethane	1.127	1.121	0.3	-0.53	20
1,2,3-Trichloropropane	0.925	0.907		-1.95	20
Bromobenzene	0.946	0.898		-5.07	20
n-propylbenzene	4.714	4.555		-3.37	20
2-Chlorotoluene	2.818	2.669		-5.29	20
1,3,5-Trimethylbenzene	3.259	3.124		-4.14	20
4-Chlorotoluene	3.289	3.158		-3.98	20
tert-Butylbenzene	3.271	3.171		-3.06	20
1,2,4-Trimethylbenzene	3.251	3.139		-3.44	20
sec-Butylbenzene	4.087	3.941		-3.57	20
p-Isopropyltoluene	3.389	3.270		-3.51	20
1,3-Dichlorobenzene	1.798	1.697		-5.62	20
1,4-Dichlorobenzene	1.821	1.683		-7.58	20
n-Butylbenzene	3.178	3.120		-1.83	20
1,2-Dichlorobenzene	1.718	1.622		-5.59	20
1,2-Dibromo-3-Chloropropane	0.216	0.223		3.24	20
1,2,4-Trichlorobenzene	1.135	1.108		-2.38	20
Hexachlorobutadiene	0.386	0.401		3.89	20
Naphthalene	3.328	3.369		1.23	20
1,2,3-Trichlorobenzene	1.094	1.046		-4.39	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.:	Q2693
Instrument ID:	MSVOA_X	Calibration Date/Time:	07/25/2025 09:40
Lab File ID:	VX047128.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	0.620		-0.48	20
Dibromofluoromethane	0.309	0.310		0.32	20
Toluene-d8	1.000	0.938		-6.2	20
4-Bromofluorobenzene	0.431	0.427		-0.93	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: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 00:18:41 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 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	277253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	414717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171842	49.756	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.520%			
35) Dibromofluoromethane	5.391	113	144820	50.233	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.647	98	438009	46.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	11.079	95	199384	49.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	185747	50.439	ug/l	100
3) Chloromethane	1.313	50	159054	43.663	ug/l	99
4) Vinyl Chloride	1.392	62	194676	49.715	ug/l	100
5) Bromomethane	1.630	94	100228	47.119	ug/l	96
6) Chloroethane	1.703	64	114720	44.606	ug/l	98
7) Trichlorofluoromethane	1.904	101	284266	48.684	ug/l	97
8) Diethyl Ether	2.142	74	101763	49.429	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	170237	48.392	ug/l	100
10) Methyl Iodide	2.471	142	248672	69.359	ug/l	98
11) Tert butyl alcohol	2.953	59	95233	235.275	ug/l	99
12) 1,1-Dichloroethene	2.337	96	166143	47.684	ug/l	99
13) Acrolein	2.246	56	227322	305.687	ug/l	100
14) Allyl chloride	2.678	41	292421	46.428	ug/l	96
15) Acrylonitrile	3.075	53	406903	247.033	ug/l	99
16) Acetone	2.386	43	367199	265.402	ug/l	99
17) Carbon Disulfide	2.526	76	459579	45.594	ug/l	100
18) Methyl Acetate	2.709	43	195014	53.039	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	541293	51.046	ug/l	99
20) Methylene Chloride	2.800	84	178698	46.948	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	168396	47.229	ug/l	94
22) Diisopropyl ether	3.764	45	610312	50.401	ug/l	100
23) Vinyl Acetate	3.727	43	2538784	261.398	ug/l	100
24) 1,1-Dichloroethane	3.623	63	324881	48.248	ug/l	99
25) 2-Butanone	4.556	43	498239	247.317	ug/l	98
26) 2,2-Dichloropropane	4.483	77	261528	50.174	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	202326	47.920	ug/l	100
28) Bromochloromethane	4.904	49	164207	53.006	ug/l	99
29) Tetrahydrofuran	5.013	42	310794	239.103	ug/l	99
30) Chloroform	5.099	83	327370	47.761	ug/l	97
31) Cyclohexane	5.477	56	294352	45.590	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	286842	48.180	ug/l	99
36) 1,1-Dichloropropene	5.696	75	223629	45.506	ug/l	99
37) Ethyl Acetate	4.715	43	229418	50.664	ug/l	99
38) Carbon Tetrachloride	5.684	117	251416	47.934	ug/l	99
39) Methylcyclohexane	7.385	83	289235	47.140	ug/l	98
40) Benzene	6.038	78	678414	47.702	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 00:18:41 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 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	4.928	41	112540	47.532	ug/l		96
42)	1,2-Dichloroethane	6.092	62	250375	49.978	ug/l		99
43)	Isopropyl Acetate	6.336	43	362759	51.387	ug/l		99
44)	Trichloroethene	7.129	130	167301	45.874	ug/l		95
45)	1,2-Dichloropropane	7.428	63	173328	48.661	ug/l		95
46)	Dibromomethane	7.580	93	125088	50.078	ug/l		100
47)	Bromodichloromethane	7.818	83	264392	49.729	ug/l		97
48)	Methyl methacrylate	7.690	41	187745	48.819	ug/l		100
49)	1,4-Dioxane	7.714	88	44199	1010.493	ug/l	#	82
51)	4-Methyl-2-Pentanone	8.574	43	1047128	249.553	ug/l		99
52)	Toluene	8.720	92	419410	47.962	ug/l		99
53)	t-1,3-Dichloropropene	8.976	75	255741	50.938	ug/l		98
54)	cis-1,3-Dichloropropene	8.366	75	273635	49.798	ug/l		100
55)	1,1,2-Trichloroethane	9.147	97	161900	49.368	ug/l		98
56)	Ethyl methacrylate	9.116	69	255803	52.689	ug/l		99
57)	1,3-Dichloropropane	9.305	76	279567	49.050	ug/l		99
58)	2-Chloroethyl Vinyl ether	8.238	63	646045	239.130	ug/l		99
59)	2-Hexanone	9.427	43	719753	259.630	ug/l		100
60)	Dibromochloromethane	9.519	129	194521	50.574	ug/l		99
61)	1,2-Dibromoethane	9.610	107	166921	48.677	ug/l		100
64)	Tetrachloroethene	9.275	164	135617	45.362	ug/l		98
65)	Chlorobenzene	10.073	112	459322	47.277	ug/l		98
66)	1,1,1,2-Tetrachloroethane	10.159	131	160016	48.920	ug/l		99
67)	Ethyl Benzene	10.189	91	817217	48.108	ug/l		98
68)	m/p-Xylenes	10.299	106	606501	95.408	ug/l		100
69)	o-Xylene	10.640	106	290604	48.054	ug/l		98
70)	Styrene	10.653	104	504245	48.626	ug/l		100
71)	Bromoform	10.799	173	125861	50.654	ug/l		100
73)	Isopropylbenzene	10.957	105	770632	47.996	ug/l		99
74)	N-amyl acetate	10.842	43	319490	49.316	ug/l		100
75)	1,1,2,2-Tetrachloroethane	11.207	83	228093	49.732	ug/l		99
76)	1,2,3-Trichloropropane	11.238	75	184632m	49.013	ug/l		
77)	Bromobenzene	11.195	156	182804	47.467	ug/l		98
78)	n-propylbenzene	11.299	91	926920	48.310	ug/l		99
79)	2-Chlorotoluene	11.360	91	543121	47.354	ug/l		100
80)	1,3,5-Trimethylbenzene	11.451	105	635767	47.929	ug/l		99
81)	trans-1,4-Dichloro-2-b...	11.018	75	49125	33.598	ug/l		98
82)	4-Chlorotoluene	11.451	91	642720	48.010	ug/l		100
83)	tert-Butylbenzene	11.713	119	645326	48.470	ug/l		100
84)	1,2,4-Trimethylbenzene	11.750	105	638849	48.285	ug/l		99
85)	sec-Butylbenzene	11.890	105	802114	48.218	ug/l		100
86)	p-Isopropyltoluene	12.006	119	665469	48.240	ug/l		99
87)	1,3-Dichlorobenzene	11.969	146	345361	47.197	ug/l		100
88)	1,4-Dichlorobenzene	12.037	146	342581	46.210	ug/l		99
89)	n-Butylbenzene	12.329	91	634926	49.078	ug/l		99
90)	Hexachloroethane	12.536	117	120621	48.876	ug/l		100
91)	1,2-Dichlorobenzene	12.329	146	330194	47.213	ug/l		100
92)	1,2-Dibromo-3-Chloropr...	12.939	75	45317	51.475	ug/l		99
93)	1,2,4-Trichlorobenzene	13.585	180	225510	48.804	ug/l		100
94)	Hexachlorobutadiene	13.719	225	81630	51.945	ug/l		98
95)	Naphthalene	13.774	128	685567	50.610	ug/l		100
96)	1,2,3-Trichlorobenzene	13.957	180	212971	47.842	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 00:18:41 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 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

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

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

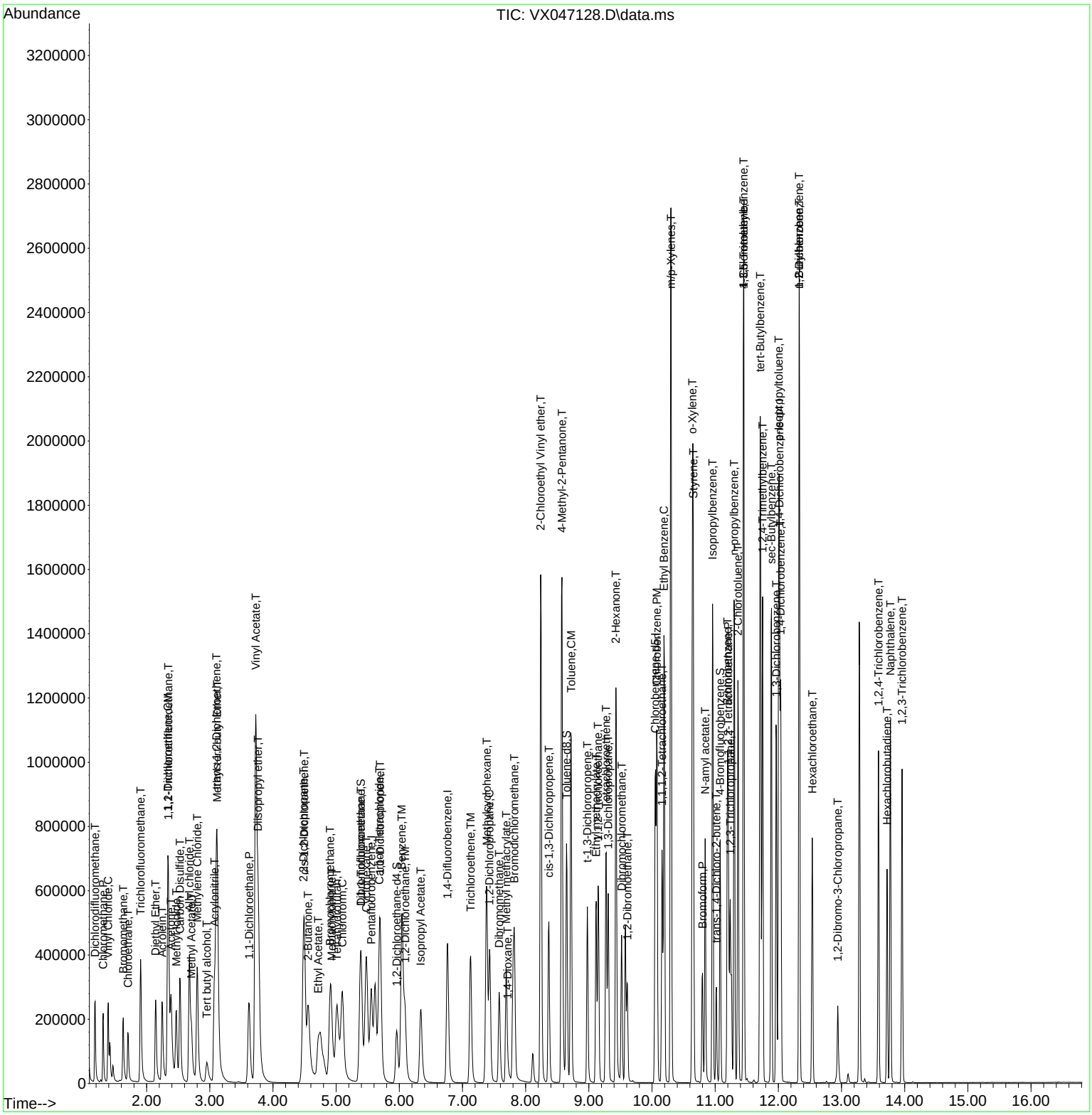
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 00:18:41 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 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	89	0.00
2	T	Dichlorodifluoromethane	0.664	0.670	-0.9	78	0.00
3	P	Chloromethane	0.657	0.574	12.6	73	0.00
4	C	Vinyl Chloride	0.706	0.702	0.6#	81	0.00
5	T	Bromomethane	0.384	0.362	5.7	72	0.01
6	T	Chloroethane	0.464	0.414	10.8	79	0.00
7	T	Trichlorofluoromethane	1.053	1.025	2.7	79	0.00
8	T	Diethyl Ether	0.371	0.367	1.1	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.614	3.2	81	0.00
10	T	Methyl Iodide	0.647	0.897	-38.6#	110	0.00
11	T	Tert butyl alcohol	0.080	0.069	13.7	84	0.00
12	CM	1,1-Dichloroethene	0.628	0.599	4.6#	80	0.00
13	T	Acrolein	0.134	0.164	-22.4	106	0.00
14	T	Allyl chloride	1.136	1.055	7.1	76	0.00
15	T	Acrylonitrile	0.297	0.294	1.0	80	0.00
16	T	Acetone	0.250	0.265	-6.0	94	0.00
17	T	Carbon Disulfide	1.818	1.658	8.8	77	0.00
18	T	Methyl Acetate	0.663	0.703	-6.0	92	0.00
19	T	Methyl tert-butyl Ether	1.912	1.952	-2.1	85	0.00
20	T	Methylene Chloride	0.686	0.645	6.0	80	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.607	5.6	78	0.00
22	T	Diisopropyl ether	2.184	2.201	-0.8	83	0.00
23	T	Vinyl Acetate	1.752	1.831	-4.5	84	0.00
24	P	1,1-Dichloroethane	1.214	1.172	3.5	81	0.00
25	T	2-Butanone	0.363	0.359	1.1	82	0.00
26	T	2,2-Dichloropropane	0.940	0.943	-0.3	86	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.730	4.1	81	0.00
28	T	Bromochloromethane	0.559	0.592	-5.9	87	0.00
29	T	Tetrahydrofuran	0.234	0.224	4.3	78	0.00
30	C	Chloroform	1.236	1.181	4.4#	82	0.00
31	T	Cyclohexane	1.164	1.062	8.8	78	0.00
32	T	1,1,1-Trichloroethane	1.074	1.035	3.6	82	0.00
33	S	1,2-Dichloroethane-d4	0.623	0.620	0.5	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.309	0.310	-0.3	95	0.00
36	T	1,1-Dichloropropene	0.526	0.479	8.9	79	0.00
37	T	Ethyl Acetate	0.485	0.491	-1.2	87	0.00
38	T	Carbon Tetrachloride	0.562	0.538	4.3	82	0.00
39	T	Methylcyclohexane	0.657	0.619	5.8	80	0.00
40	TM	Benzene	1.523	1.453	4.6	80	0.00
41	T	Methacrylonitrile	0.254	0.241	5.1	75	0.00
42	TM	1,2-Dichloroethane	0.536	0.536	0.0	84	0.00
43	T	Isopropyl Acetate	0.756	0.777	-2.8	83	-0.01
44	TM	Trichloroethene	0.391	0.358	8.4	77	0.00
45	C	1,2-Dichloropropane	0.381	0.371	2.6#	82	0.00
46	T	Dibromomethane	0.267	0.268	-0.4	82	0.00
47	T	Bromodichloromethane	0.569	0.566	0.5	83	0.00
48	T	Methyl methacrylate	0.412	0.402	2.4	83	0.00

Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	0.005	0.0	82	0.06
50	S	Toluene-d8	1.000	0.938	6.2	92	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.449	0.0	82	0.00
52	CM	Toluene	0.936	0.898	4.1#	80	0.00
53	T	t-1,3-Dichloropropene	0.538	0.548	-1.9	84	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.586	0.3	81	0.00
55	T	1,1,2-Trichloroethane	0.351	0.347	1.1	83	0.00
56	T	Ethyl methacrylate	0.520	0.548	-5.4	83	0.00
57	T	1,3-Dichloropropane	0.610	0.599	1.8	83	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.277	4.2	78	0.00
59	T	2-Hexanone	0.297	0.308	-3.7	81	0.00
60	T	Dibromochloromethane	0.412	0.417	-1.2	85	0.00
61	T	1,2-Dibromoethane	0.367	0.357	2.7	82	0.00
62	S	4-Bromofluorobenzene	0.431	0.427	0.9	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.360	0.327	9.2	78	0.00
65	PM	Chlorobenzene	1.171	1.108	5.4	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.386	2.0	82	0.00
67	C	Ethyl Benzene	2.048	1.971	3.8#	80	0.00
68	T	m/p-Xylenes	0.766	0.731	4.6	80	0.00
69	T	o-Xylene	0.729	0.701	3.8	80	0.00
70	T	Styrene	1.250	1.216	2.7	80	0.00
71	P	Bromoform	0.300	0.303	-1.0	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.945	3.787	4.0	80	0.00
74	T	N-amyl acetate	1.592	1.570	1.4	80	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.121	0.5	84	0.00
76	T	1,2,3-Trichloropropane	0.925	0.907	1.9	83	0.00
77	T	Bromobenzene	0.946	0.898	5.1	80	0.00
78	T	n-propylbenzene	4.714	4.555	3.4	81	0.00
79	T	2-Chlorotoluene	2.818	2.669	5.3	80	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.124	4.1	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.241	32.9#	56	0.00
82	T	4-Chlorotoluene	3.289	3.158	4.0	80	0.00
83	T	tert-Butylbenzene	3.271	3.171	3.1	80	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.139	3.4	80	0.00
85	T	sec-Butylbenzene	4.087	3.941	3.6	81	0.00
86	T	p-Isopropyltoluene	3.389	3.270	3.5	80	0.00
87	T	1,3-Dichlorobenzene	1.798	1.697	5.6	81	0.00
88	T	1,4-Dichlorobenzene	1.821	1.683	7.6	81	0.00
89	T	n-Butylbenzene	3.178	3.120	1.8	82	0.00
90	T	Hexachloroethane	0.606	0.593	2.1	82	0.00
91	T	1,2-Dichlorobenzene	1.718	1.622	5.6	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.223	-3.2	85	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.108	2.4	82	0.00
94	T	Hexachlorobutadiene	0.386	0.401	-3.9	90	0.00
95	T	Naphthalene	3.328	3.369	-1.2	82	0.00

Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	1.046	4.4	81	0.00

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

Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	50.439	-0.9	78	0.00
3	P	Chloromethane	50.000	43.663	12.7	73	0.00
4	C	Vinyl Chloride	50.000	49.715	0.6#	81	0.00
5	T	Bromomethane	50.000	47.119	5.8	72	0.01
6	T	Chloroethane	50.000	44.606	10.8	79	0.00
7	T	Trichlorofluoromethane	50.000	48.684	2.6	79	0.00
8	T	Diethyl Ether	50.000	49.429	1.1	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.392	3.2	81	0.00
10	T	Methyl Iodide	50.000	69.359	-38.7#	110	0.00
11	T	Tert butyl alcohol	250.000	235.275	5.9	84	0.00
12	CM	1,1-Dichloroethene	50.000	47.684	4.6#	80	0.00
13	T	Acrolein	250.000	305.687	-22.3	106	0.00
14	T	Allyl chloride	50.000	46.428	7.1	76	0.00
15	T	Acrylonitrile	250.000	247.033	1.2	80	0.00
16	T	Acetone	250.000	265.402	-6.2	94	0.00
17	T	Carbon Disulfide	50.000	45.594	8.8	77	0.00
18	T	Methyl Acetate	50.000	53.039	-6.1	92	0.00
19	T	Methyl tert-butyl Ether	50.000	51.046	-2.1	85	0.00
20	T	Methylene Chloride	50.000	46.948	6.1	80	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.229	5.5	78	0.00
22	T	Diisopropyl ether	50.000	50.401	-0.8	83	0.00
23	T	Vinyl Acetate	250.000	261.398	-4.6	84	0.00
24	P	1,1-Dichloroethane	50.000	48.248	3.5	81	0.00
25	T	2-Butanone	250.000	247.317	1.1	82	0.00
26	T	2,2-Dichloropropane	50.000	50.174	-0.3	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.920	4.2	81	0.00
28	T	Bromochloromethane	50.000	53.006	-6.0	87	0.00
29	T	Tetrahydrofuran	250.000	239.103	4.4	78	0.00
30	C	Chloroform	50.000	47.761	4.5#	82	0.00
31	T	Cyclohexane	50.000	45.590	8.8	78	0.00
32	T	1,1,1-Trichloroethane	50.000	48.180	3.6	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.756	0.5	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	50.233	-0.5	95	0.00
36	T	1,1-Dichloropropene	50.000	45.506	9.0	79	0.00
37	T	Ethyl Acetate	50.000	50.664	-1.3	87	0.00
38	T	Carbon Tetrachloride	50.000	47.934	4.1	82	0.00
39	T	Methylcyclohexane	50.000	47.140	5.7	80	0.00
40	TM	Benzene	50.000	47.702	4.6	80	0.00
41	T	Methacrylonitrile	50.000	47.532	4.9	75	0.00
42	TM	1,2-Dichloroethane	50.000	49.978	0.0	84	0.00
43	T	Isopropyl Acetate	50.000	51.387	-2.8	83	-0.01
44	TM	Trichloroethene	50.000	45.874	8.3	77	0.00
45	C	1,2-Dichloropropane	50.000	48.661	2.7#	82	0.00
46	T	Dibromomethane	50.000	50.078	-0.2	82	0.00
47	T	Bromodichloromethane	50.000	49.729	0.5	83	0.00
48	T	Methyl methacrylate	50.000	48.819	2.4	83	0.00

Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	1010.493	-1.0	82	0.06
50	S	Toluene-d8	50.000	46.914	6.2	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.553	0.2	82	0.00
52	CM	Toluene	50.000	47.962	4.1#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	50.938	-1.9	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.798	0.4	81	0.00
55	T	1,1,2-Trichloroethane	50.000	49.368	1.3	83	0.00
56	T	Ethyl methacrylate	50.000	52.689	-5.4	83	0.00
57	T	1,3-Dichloropropane	50.000	49.050	1.9	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.130	4.3	78	0.00
59	T	2-Hexanone	250.000	259.630	-3.9	81	0.00
60	T	Dibromochloromethane	50.000	50.574	-1.1	85	0.00
61	T	1,2-Dibromoethane	50.000	48.677	2.6	82	0.00
62	S	4-Bromofluorobenzene	50.000	49.556	0.9	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	45.362	9.3	78	0.00
65	PM	Chlorobenzene	50.000	47.277	5.4	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.920	2.2	82	0.00
67	C	Ethyl Benzene	50.000	48.108	3.8#	80	0.00
68	T	m/p-Xylenes	100.000	95.408	4.6	80	0.00
69	T	o-Xylene	50.000	48.054	3.9	80	0.00
70	T	Styrene	50.000	48.626	2.7	80	0.00
71	P	Bromoform	50.000	50.654	-1.3	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	47.996	4.0	80	0.00
74	T	N-amyl acetate	50.000	49.316	1.4	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.732	0.5	84	0.00
76	T	1,2,3-Trichloropropane	50.000	49.013	2.0	83	0.00
77	T	Bromobenzene	50.000	47.467	5.1	80	0.00
78	T	n-propylbenzene	50.000	48.310	3.4	81	0.00
79	T	2-Chlorotoluene	50.000	47.354	5.3	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.929	4.1	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	33.598	32.8#	56	0.00
82	T	4-Chlorotoluene	50.000	48.010	4.0	80	0.00
83	T	tert-Butylbenzene	50.000	48.470	3.1	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.285	3.4	80	0.00
85	T	sec-Butylbenzene	50.000	48.218	3.6	81	0.00
86	T	p-Isopropyltoluene	50.000	48.240	3.5	80	0.00
87	T	1,3-Dichlorobenzene	50.000	47.197	5.6	81	0.00
88	T	1,4-Dichlorobenzene	50.000	46.210	7.6	81	0.00
89	T	n-Butylbenzene	50.000	49.078	1.8	82	0.00
90	T	Hexachloroethane	50.000	48.876	2.2	82	0.00
91	T	1,2-Dichlorobenzene	50.000	47.213	5.6	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.475	-3.0	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.804	2.4	82	0.00
94	T	Hexachlorobutadiene	50.000	51.945	-3.9	90	0.00
95	T	Naphthalene	50.000	50.610	-1.2	82	0.00

Sample Results: **VX047128.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047128.D
Acq On : 25 Jul 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 00:18:41 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	47.842	4.3	81	0.00

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

Raw Data: **VX047152.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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/28/2025 09:23
Lab File ID: VX047152.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	0.674		1.51	20
Chloromethane	0.657	0.552	0.1	-15.98	20
Vinyl Chloride	0.706	0.718		1.7	20
Ethyl Acetate	0.485	0.427		-11.96	20
Bromomethane	0.384	0.358		-6.77	20
Chloroethane	0.464	0.405		-12.72	20
Trichlorofluoromethane	1.053	1.029		-2.28	20
1,1,2-Trichlorotrifluoroethane	0.634	0.615		-3	20
Tert butyl alcohol	0.080	0.060		-25	20
1,1-Dichloroethene	0.628	0.597		-4.94	20
Acrolein	0.134	0.132		-1.49	20
Acrylonitrile	0.297	0.260		-12.46	20
Acetone	0.250	0.283		13.2	20
Carbon Disulfide	1.818	1.620		-10.89	20
Methyl tert-butyl Ether	1.912	1.849		-3.3	20
Methyl Acetate	0.663	0.647		-2.41	20
Methylene Chloride	0.686	0.627		-8.6	20
trans-1,2-Dichloroethene	0.643	0.600		-6.69	20
Vinyl Acetate	1.752	1.677		-4.28	20
1,1-Dichloroethane	1.214	1.143	0.1	-5.85	20
Cyclohexane	1.164	1.026		-11.86	20
2-Butanone	0.363	0.326		-10.19	20
Carbon Tetrachloride	0.562	0.512		-8.9	20
2,2-Dichloropropane	0.940	0.949		0.96	20
cis-1,2-Dichloroethene	0.761	0.700		-8.02	20
Bromochloromethane	0.559	0.524		-6.26	20
Chloroform	1.236	1.131		-8.49	20
1,1,1-Trichloroethane	1.074	1.006		-6.33	20
Methylcyclohexane	0.657	0.591		-10.05	20
1,1-Dichloropropene	0.526	0.457		-13.12	20
Benzene	1.523	1.374		-9.78	20
1,2-Dichloroethane	0.536	0.489		-8.77	20
Trichloroethene	0.391	0.343		-12.28	20
1,2-Dichloropropane	0.381	0.348		-8.66	20
Dibromomethane	0.267	0.247		-7.49	20
Bromodichloromethane	0.569	0.530		-6.85	20
4-Methyl-2-Pentanone	0.449	0.383		-14.7	20
Toluene	0.936	0.841		-10.15	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: **VX047152.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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/28/2025 09:23
Lab File ID: VX047152.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	0.512		-4.83	20
cis-1,3-Dichloropropene	0.588	0.554		-5.78	20
1,1,2-Trichloroethane	0.351	0.314		-10.54	20
1,3-Dichloropropane	0.610	0.539		-11.64	20
2-Chloroethyl Vinyl ether	0.289	0.249		-13.84	20
2-Hexanone	0.297	0.265		-10.77	20
Dibromochloromethane	0.412	0.383		-7.04	20
1,2-Dibromoethane	0.367	0.317		-13.62	20
Tetrachloroethene	0.360	0.318		-11.67	20
Chlorobenzene	1.171	1.050	0.3	-10.33	20
1,1,1,2-Tetrachloroethane	0.394	0.367		-6.85	20
Hexachloroethane	0.606	0.603		-0.5	20
Ethyl Benzene	2.048	1.872		-8.59	20
m/p-Xylenes	0.766	0.695		-9.27	20
o-Xylene	0.729	0.667		-8.51	20
Styrene	1.250	1.165		-6.8	20
Bromoform	0.300	0.278	0.1	-7.33	20
Isopropylbenzene	3.945	3.776		-4.28	20
1,1,2,2-Tetrachloroethane	1.127	1.021	0.3	-9.41	20
1,2,3-Trichloropropane	0.925	0.835		-9.73	20
Bromobenzene	0.946	0.893		-5.6	20
n-propylbenzene	4.714	4.458		-5.43	20
2-Chlorotoluene	2.818	2.631		-6.64	20
1,3,5-Trimethylbenzene	3.259	3.077		-5.59	20
4-Chlorotoluene	3.289	3.109		-5.47	20
tert-Butylbenzene	3.271	3.145		-3.85	20
1,2,4-Trimethylbenzene	3.251	3.079		-5.29	20
sec-Butylbenzene	4.087	3.821		-6.51	20
p-Isopropyltoluene	3.389	3.218		-5.05	20
1,3-Dichlorobenzene	1.798	1.651		-8.18	20
1,4-Dichlorobenzene	1.821	1.659		-8.9	20
n-Butylbenzene	3.178	3.003		-5.51	20
1,2-Dichlorobenzene	1.718	1.552		-9.66	20
1,2-Dibromo-3-Chloropropane	0.216	0.203		-6.02	20
1,2,4-Trichlorobenzene	1.135	1.046		-7.84	20
Hexachlorobutadiene	0.386	0.355		-8.03	20
Naphthalene	3.328	3.082		-7.39	20
1,2,3-Trichlorobenzene	1.094	0.997		-8.87	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: **VX047152.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.:	Q2693
Instrument ID:	MSVOA_X	Calibration Date/Time:	07/28/2025 09:23
Lab File ID:	VX047152.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	0.583		-6.42	20
Dibromofluoromethane	0.309	0.303		-1.94	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.402		-6.73	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: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 02:09:41 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 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	347966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	509126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202916	46.814	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.620%			
35) Dibromofluoromethane	5.391	113	177067	49.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	8.647	98	526682	45.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.260%#			
62) 4-Bromofluorobenzene	11.079	95	234836	46.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	234453	50.727	ug/l	98
3) Chloromethane	1.313	50	192053	42.008	ug/l	97
4) Vinyl Chloride	1.392	62	249970	50.863	ug/l	99
5) Bromomethane	1.630	94	124616	46.679	ug/l	98
6) Chloroethane	1.703	64	140895	43.650	ug/l	97
7) Trichlorofluoromethane	1.904	101	358211	48.881	ug/l	96
8) Diethyl Ether	2.142	74	123686	47.869	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	213840	48.434	ug/l	100
10) Methyl Iodide	2.471	142	297054	66.016	ug/l	99
11) Tert butyl alcohol	2.953	59	104035	203.399	ug/l	99
12) 1,1-Dichloroethene	2.337	96	207774	47.514	ug/l	98
13) Acrolein	2.246	56	229581	245.986	ug/l	99
14) Allyl chloride	2.678	41	358255	45.322	ug/l	95
15) Acrylonitrile	3.075	53	452733	219.000	ug/l	100
16) Acetone	2.386	43	492008	283.344	ug/l	100
17) Carbon Disulfide	2.526	76	563714	44.560	ug/l	99
18) Methyl Acetate	2.709	43	225072	48.775	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	643560	48.357	ug/l	98
20) Methylene Chloride	2.800	84	218192	45.675	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	208630	46.623	ug/l	99
22) Diisopropyl ether	3.764	45	731167	48.111	ug/l	97
23) Vinyl Acetate	3.727	43	2918062	239.393	ug/l	100
24) 1,1-Dichloroethane	3.617	63	397582	47.046	ug/l	100
25) 2-Butanone	4.556	43	567068	224.280	ug/l	99
26) 2,2-Dichloropropane	4.483	77	330199	50.475	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	243684	45.987	ug/l	99
28) Bromochloromethane	4.904	49	182498	46.939	ug/l	99
29) Tetrahydrofuran	5.007	42	334587	205.097	ug/l	98
30) Chloroform	5.093	83	393579	45.752	ug/l	100
31) Cyclohexane	5.477	56	357107	44.070	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	350193	46.868	ug/l	99
36) 1,1-Dichloropropene	5.702	75	266657	43.412	ug/l	99
37) Ethyl Acetate	4.715	43	249047	44.001	ug/l	100
38) Carbon Tetrachloride	5.684	117	298960	45.601	ug/l	99
39) Methylcyclohexane	7.385	83	345212	45.012	ug/l	98
40) Benzene	6.044	78	801930	45.112	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 02:09:41 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 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	129571m	43.782 ug/l		
42) 1,2-Dichloroethane	6.086	62	285625	45.613 ug/l		98
43) Isopropyl Acetate	6.336	43	409240	46.379 ug/l		99
44) Trichloroethene	7.129	130	200167	43.911 ug/l		97
45) 1,2-Dichloropropane	7.428	63	202882	45.568 ug/l		98
46) Dibromomethane	7.580	93	144317	46.223 ug/l		99
47) Bromodichloromethane	7.818	83	309460	46.566 ug/l		97
48) Methyl methacrylate	7.690	41	209392	43.560 ug/l		99
49) 1,4-Dioxane	7.720	88	46784	855.709 ug/l	#	91
51) 4-Methyl-2-Pentanone	8.568	43	1117833	213.132 ug/l		100
52) Toluene	8.714	92	490903	44.912 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	299012	47.648 ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	323069	47.037 ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	183401	44.741 ug/l		98
56) Ethyl methacrylate	9.116	69	286972	47.289 ug/l		100
57) 1,3-Dichloropropane	9.305	76	314556	44.153 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	725686	214.896 ug/l		100
59) 2-Hexanone	9.427	43	772694	222.991 ug/l		99
60) Dibromochloromethane	9.519	129	223434	46.475 ug/l		99
61) 1,2-Dibromoethane	9.604	107	184928	43.145 ug/l		98
64) Tetrachloroethene	9.269	164	161651	44.044 ug/l		93
65) Chlorobenzene	10.073	112	534465	44.811 ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	186922	46.549 ug/l		99
67) Ethyl Benzene	10.189	91	952979	45.698 ug/l		98
68) m/p-Xylenes	10.299	106	707744	90.690 ug/l		100
69) o-Xylene	10.640	106	339720	45.759 ug/l		99
70) Styrene	10.653	104	593341	46.608 ug/l		99
71) Bromoform	10.799	173	141410	46.358 ug/l		100
73) Isopropylbenzene	10.957	105	902188	47.859 ug/l		100
74) N-amyl acetate	10.842	43	348863	45.866 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	243932	45.301 ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	199438m	45.094 ug/l		
77) Bromobenzene	11.195	156	213486	47.216 ug/l		99
78) n-propylbenzene	11.299	91	1065137	47.283 ug/l		100
79) 2-Chlorotoluene	11.360	91	628663	46.686 ug/l		98
80) 1,3,5-Trimethylbenzene	11.445	105	735251	47.211 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	56166	32.719 ug/l		99
82) 4-Chlorotoluene	11.451	91	742930	47.268 ug/l		99
83) tert-Butylbenzene	11.713	119	751394	48.070 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	735683	47.360 ug/l		99
85) sec-Butylbenzene	11.890	105	913056	46.750 ug/l		100
86) p-Isopropyltoluene	12.006	119	769018	47.481 ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	394408	45.908 ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	396440	45.547 ug/l		97
89) n-Butylbenzene	12.329	91	717648	47.248 ug/l		99
90) Hexachloroethane	12.536	117	144057	49.718 ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	370762	45.154 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48536	46.958 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	249966	46.076 ug/l		99
94) Hexachlorobutadiene	13.719	225	84859	45.994 ug/l		98
95) Naphthalene	13.774	128	736500	46.309 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	238122	45.561 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 02:09:41 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 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

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

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

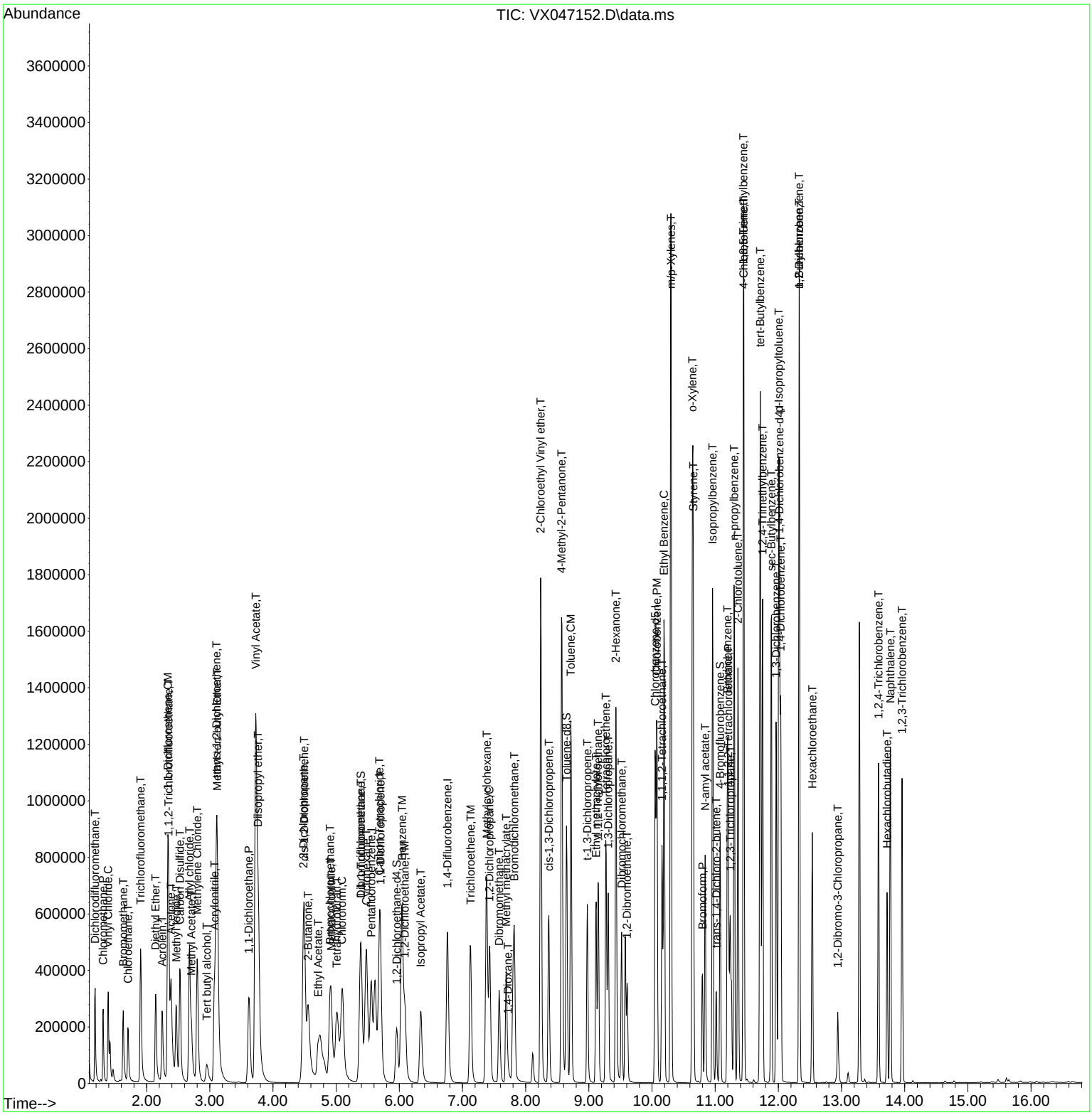
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 02:09:41 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 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	112	0.00
2	T	Dichlorodifluoromethane	0.664	0.674	-1.5	98	0.00
3	P	Chloromethane	0.657	0.552	16.0	89	0.00
4	C	Vinyl Chloride	0.706	0.718	-1.7#	103	0.00
5	T	Bromomethane	0.384	0.358	6.8	90	0.01
6	T	Chloroethane	0.464	0.405	12.7	97	0.00
7	T	Trichlorofluoromethane	1.053	1.029	2.3	100	0.00
8	T	Diethyl Ether	0.371	0.355	4.3	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.615	3.0	102	0.00
10	T	Methyl Iodide	0.647	0.854	-32.0#	132	0.00
11	T	Tert butyl alcohol	0.080	0.060	25.0#	92	0.00
12	CM	1,1-Dichloroethene	0.628	0.597	4.9#	99	0.00
13	T	Acrolein	0.134	0.132	1.5	107	0.00
14	T	Allyl chloride	1.136	1.030	9.3	93	0.00
15	T	Acrylonitrile	0.297	0.260	12.5	89	0.00
16	T	Acetone	0.250	0.283	-13.2	126	0.00
17	T	Carbon Disulfide	1.818	1.620	10.9	94	0.00
18	T	Methyl Acetate	0.663	0.647	2.4	106	0.00
19	T	Methyl tert-butyl Ether	1.912	1.849	3.3	101	0.00
20	T	Methylene Chloride	0.686	0.627	8.6	98	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.600	6.7	97	0.00
22	T	Diisopropyl ether	2.184	2.101	3.8	100	0.00
23	T	Vinyl Acetate	1.752	1.677	4.3	97	0.00
24	P	1,1-Dichloroethane	1.214	1.143	5.8	99	0.00
25	T	2-Butanone	0.363	0.326	10.2	94	0.00
26	T	2,2-Dichloropropane	0.940	0.949	-1.0	109	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.700	8.0	97	0.00
28	T	Bromochloromethane	0.559	0.524	6.3	97	0.00
29	T	Tetrahydrofuran	0.234	0.192	17.9	84	0.00
30	C	Chloroform	1.236	1.131	8.5#	99	-0.01
31	T	Cyclohexane	1.164	1.026	11.9	95	0.00
32	T	1,1,1-Trichloroethane	1.074	1.006	6.3	100	0.00
33	S	1,2-Dichloroethane-d4	0.623	0.583	6.4	114	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35	S	Dibromofluoromethane	0.309	0.303	1.9	116	0.00
36	T	1,1-Dichloropropene	0.526	0.457	13.1	95	0.00
37	T	Ethyl Acetate	0.485	0.427	12.0	94	0.00
38	T	Carbon Tetrachloride	0.562	0.512	8.9	97	0.00
39	T	Methylcyclohexane	0.657	0.591	10.0	96	0.00
40	TM	Benzene	1.523	1.374	9.8	94	0.00
41	T	Methacrylonitrile	0.254	0.222	12.6	86	0.00
42	TM	1,2-Dichloroethane	0.536	0.489	8.8	96	-0.01
43	T	Isopropyl Acetate	0.756	0.701	7.3	93	-0.01
44	TM	Trichloroethene	0.391	0.343	12.3	92	0.00
45	C	1,2-Dichloropropane	0.381	0.348	8.7#	96	0.00
46	T	Dibromomethane	0.267	0.247	7.5	95	0.00
47	T	Bromodichloromethane	0.569	0.530	6.9	97	0.00
48	T	Methyl methacrylate	0.412	0.359	12.9	92	0.00

Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	87	0.06
50	S	Toluene-d8	1.000	0.902	9.8	110	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.383	14.7	87	0.00
52	CM	Toluene	0.936	0.841	10.1#	94	0.00
53	T	t-1,3-Dichloropropene	0.538	0.512	4.8	98	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.554	5.8	96	0.00
55	T	1,1,2-Trichloroethane	0.351	0.314	10.5	94	0.00
56	T	Ethyl methacrylate	0.520	0.492	5.4	93	0.00
57	T	1,3-Dichloropropane	0.610	0.539	11.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.249	13.8	87	0.00
59	T	2-Hexanone	0.297	0.265	10.8	87	0.00
60	T	Dibromochloromethane	0.412	0.383	7.0	98	0.00
61	T	1,2-Dibromoethane	0.367	0.317	13.6	91	0.00
62	S	4-Bromofluorobenzene	0.431	0.402	6.7	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64	T	Tetrachloroethene	0.360	0.318	11.7	93	0.00
65	PM	Chlorobenzene	1.171	1.050	10.3	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.367	6.9	96	0.00
67	C	Ethyl Benzene	2.048	1.872	8.6#	93	0.00
68	T	m/p-Xylenes	0.766	0.695	9.3	93	0.00
69	T	o-Xylene	0.729	0.667	8.5	93	0.00
70	T	Styrene	1.250	1.165	6.8	94	0.00
71	P	Bromoform	0.300	0.278	7.3	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.945	3.776	4.3	94	0.00
74	T	N-amyl acetate	1.592	1.460	8.3	87	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.021	9.4	90	0.00
76	T	1,2,3-Trichloropropane	0.925	0.835	9.7	90	0.00
77	T	Bromobenzene	0.946	0.893	5.6	94	0.00
78	T	n-propylbenzene	4.714	4.458	5.4	93	0.00
79	T	2-Chlorotoluene	2.818	2.631	6.6	93	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.077	5.6	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.235	34.5#	64	0.00
82	T	4-Chlorotoluene	3.289	3.109	5.5	93	0.00
83	T	tert-Butylbenzene	3.271	3.145	3.9	94	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.079	5.3	92	0.00
85	T	sec-Butylbenzene	4.087	3.821	6.5	93	0.00
86	T	p-Isopropyltoluene	3.389	3.218	5.0	93	0.00
87	T	1,3-Dichlorobenzene	1.798	1.651	8.2	92	0.00
88	T	1,4-Dichlorobenzene	1.821	1.659	8.9	94	0.00
89	T	n-Butylbenzene	3.178	3.003	5.5	93	0.00
90	T	Hexachloroethane	0.606	0.603	0.5	98	0.00
91	T	1,2-Dichlorobenzene	1.718	1.552	9.7	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.203	6.0	91	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.046	7.8	91	0.00
94	T	Hexachlorobutadiene	0.386	0.355	8.0	93	0.00
95	T	Naphthalene	3.328	3.082	7.4	88	0.00

Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	0.997	8.9	91	0.00

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

Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	112	0.00
2	T	Dichlorodifluoromethane	50.000	50.727	-1.5	98	0.00
3	P	Chloromethane	50.000	42.008	16.0	89	0.00
4	C	Vinyl Chloride	50.000	50.863	-1.7#	103	0.00
5	T	Bromomethane	50.000	46.679	6.6	90	0.01
6	T	Chloroethane	50.000	43.650	12.7	97	0.00
7	T	Trichlorofluoromethane	50.000	48.881	2.2	100	0.00
8	T	Diethyl Ether	50.000	47.869	4.3	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.434	3.1	102	0.00
10	T	Methyl Iodide	50.000	66.016	-32.0#	132	0.00
11	T	Tert butyl alcohol	250.000	203.399	18.6	92	0.00
12	CM	1,1-Dichloroethene	50.000	47.514	5.0#	99	0.00
13	T	Acrolein	250.000	245.986	1.6	107	0.00
14	T	Allyl chloride	50.000	45.322	9.4	93	0.00
15	T	Acrylonitrile	250.000	219.000	12.4	89	0.00
16	T	Acetone	250.000	283.344	-13.3	126	0.00
17	T	Carbon Disulfide	50.000	44.560	10.9	94	0.00
18	T	Methyl Acetate	50.000	48.775	2.5	106	0.00
19	T	Methyl tert-butyl Ether	50.000	48.357	3.3	101	0.00
20	T	Methylene Chloride	50.000	45.675	8.7	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.623	6.8	97	0.00
22	T	Diisopropyl ether	50.000	48.111	3.8	100	0.00
23	T	Vinyl Acetate	250.000	239.393	4.2	97	0.00
24	P	1,1-Dichloroethane	50.000	47.046	5.9	99	0.00
25	T	2-Butanone	250.000	224.280	10.3	94	0.00
26	T	2,2-Dichloropropane	50.000	50.475	-1.0	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.987	8.0	97	0.00
28	T	Bromochloromethane	50.000	46.939	6.1	97	0.00
29	T	Tetrahydrofuran	250.000	205.097	18.0	84	0.00
30	C	Chloroform	50.000	45.752	8.5#	99	-0.01
31	T	Cyclohexane	50.000	44.070	11.9	95	0.00
32	T	1,1,1-Trichloroethane	50.000	46.868	6.3	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.814	6.4	114	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	49.137	1.7	116	0.00
36	T	1,1-Dichloropropene	50.000	43.412	13.2	95	0.00
37	T	Ethyl Acetate	50.000	44.001	12.0	94	0.00
38	T	Carbon Tetrachloride	50.000	45.601	8.8	97	0.00
39	T	Methylcyclohexane	50.000	45.012	10.0	96	0.00
40	TM	Benzene	50.000	45.112	9.8	94	0.00
41	T	Methacrylonitrile	50.000	43.782	12.4	86	0.00
42	TM	1,2-Dichloroethane	50.000	45.613	8.8	96	-0.01
43	T	Isopropyl Acetate	50.000	46.379	7.2	93	-0.01
44	TM	Trichloroethene	50.000	43.911	12.2	92	0.00
45	C	1,2-Dichloropropane	50.000	45.568	8.9#	96	0.00
46	T	Dibromomethane	50.000	46.223	7.6	95	0.00
47	T	Bromodichloromethane	50.000	46.566	6.9	97	0.00
48	T	Methyl methacrylate	50.000	43.560	12.9	92	0.00

Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	855.709	14.4	87	0.06
50	S	Toluene-d8	50.000	45.131	9.7	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	213.132	14.7	87	0.00
52	CM	Toluene	50.000	44.912	10.2#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	47.648	4.7	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.037	5.9	96	0.00
55	T	1,1,2-Trichloroethane	50.000	44.741	10.5	94	0.00
56	T	Ethyl methacrylate	50.000	47.289	5.4	93	0.00
57	T	1,3-Dichloropropane	50.000	44.153	11.7	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	214.896	14.0	87	0.00
59	T	2-Hexanone	250.000	222.991	10.8	87	0.00
60	T	Dibromochloromethane	50.000	46.475	7.0	98	0.00
61	T	1,2-Dibromoethane	50.000	43.145	13.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	46.695	6.6	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	44.044	11.9	93	0.00
65	PM	Chlorobenzene	50.000	44.811	10.4	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.549	6.9	96	0.00
67	C	Ethyl Benzene	50.000	45.698	8.6#	93	0.00
68	T	m/p-Xylenes	100.000	90.690	9.3	93	0.00
69	T	o-Xylene	50.000	45.759	8.5	93	0.00
70	T	Styrene	50.000	46.608	6.8	94	0.00
71	P	Bromoform	50.000	46.358	7.3	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	47.859	4.3	94	0.00
74	T	N-amyl acetate	50.000	45.866	8.3	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.301	9.4	90	0.00
76	T	1,2,3-Trichloropropane	50.000	45.094	9.8	90	0.00
77	T	Bromobenzene	50.000	47.216	5.6	94	0.00
78	T	n-propylbenzene	50.000	47.283	5.4	93	0.00
79	T	2-Chlorotoluene	50.000	46.686	6.6	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.211	5.6	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	32.719	34.6#	64	0.00
82	T	4-Chlorotoluene	50.000	47.268	5.5	93	0.00
83	T	tert-Butylbenzene	50.000	48.070	3.9	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.360	5.3	92	0.00
85	T	sec-Butylbenzene	50.000	46.750	6.5	93	0.00
86	T	p-Isopropyltoluene	50.000	47.481	5.0	93	0.00
87	T	1,3-Dichlorobenzene	50.000	45.908	8.2	92	0.00
88	T	1,4-Dichlorobenzene	50.000	45.547	8.9	94	0.00
89	T	n-Butylbenzene	50.000	47.248	5.5	93	0.00
90	T	Hexachloroethane	50.000	49.718	0.6	98	0.00
91	T	1,2-Dichlorobenzene	50.000	45.154	9.7	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.958	6.1	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.076	7.8	91	0.00
94	T	Hexachlorobutadiene	50.000	45.994	8.0	93	0.00
95	T	Naphthalene	50.000	46.309	7.4	88	0.00

Sample Results: **VX047152.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047152.D
Acq On : 28 Jul 2025 09:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:09:41 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	45.561	8.9	91	0.00

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

QC SAMPLE DATA

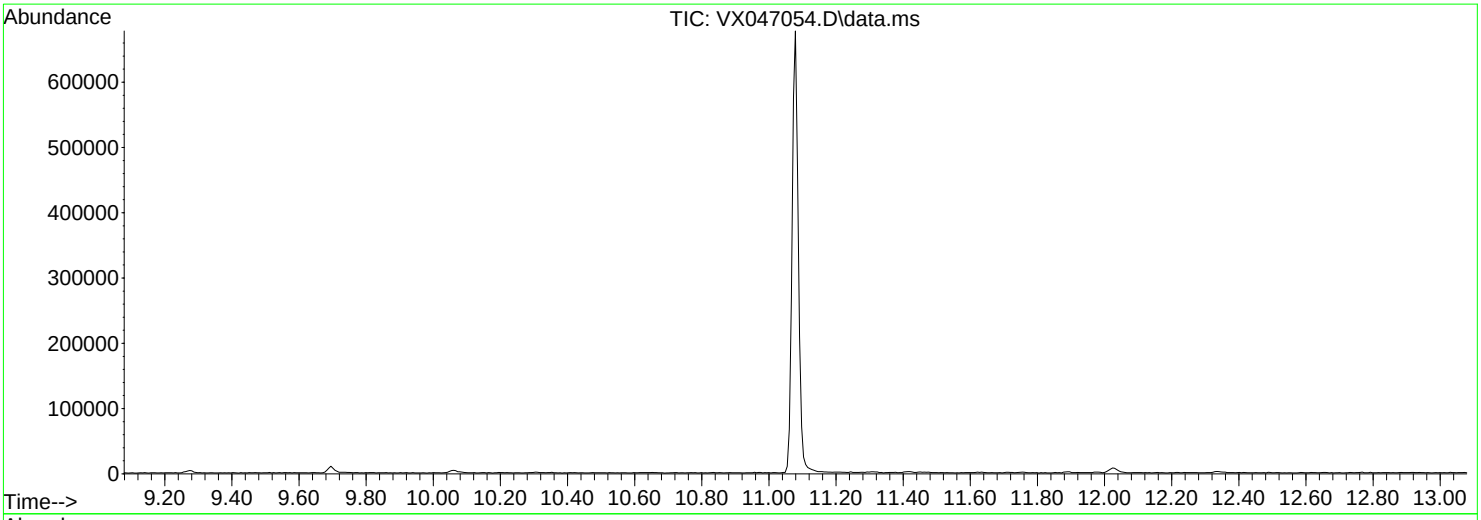
Sample Results: **VX047054.D**

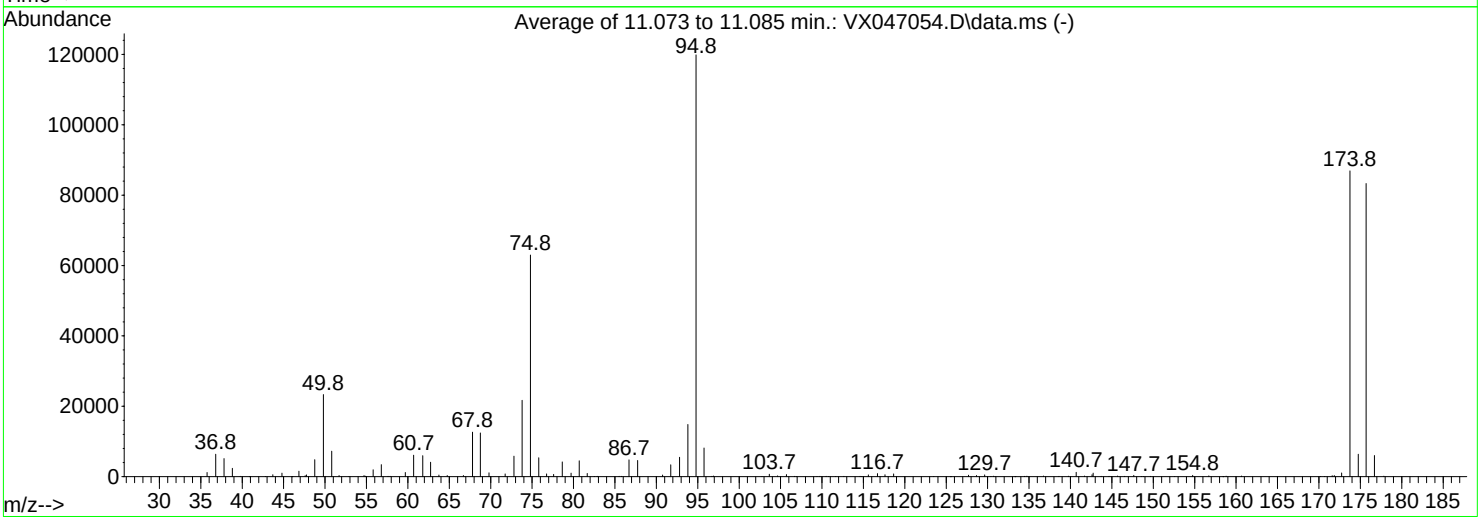
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
Data File : VX047054.D
Acq On : 21 Jul 2025 08:53
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

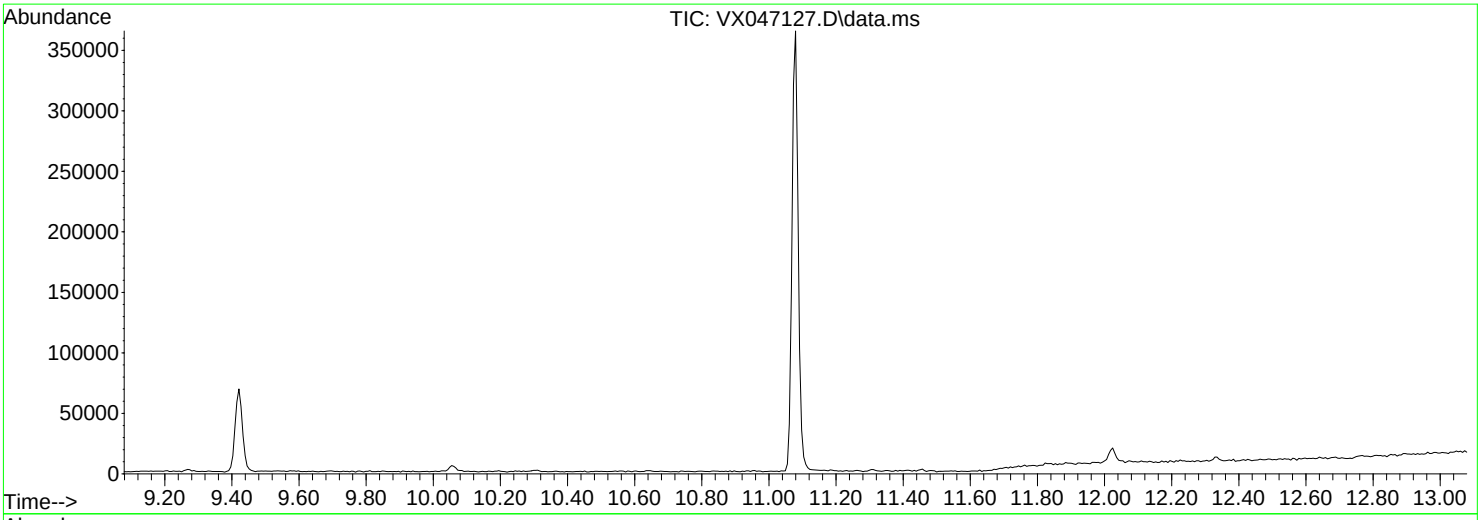
Sample Results: **VX047127.D**

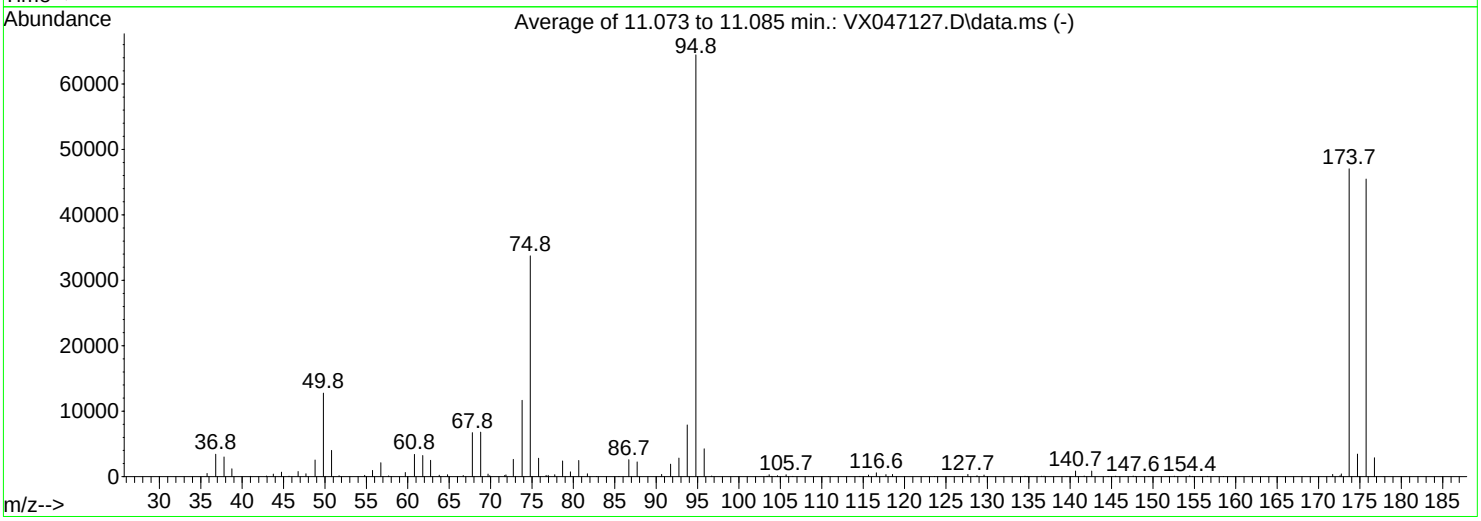
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047127.D
Acq On : 25 Jul 2025 08:40
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.8	12754	PASS
75	95	30	60	52.4	33741	PASS
95	95	100	100	100.0	64451	PASS
96	95	5	9	6.6	4266	PASS
173	174	0.00	2	0.9	424	PASS
174	95	50	100	73.0	47048	PASS
175	174	5	9	7.3	3444	PASS
176	174	95	101	96.7	45485	PASS
177	176	5	9	6.4	2893	PASS

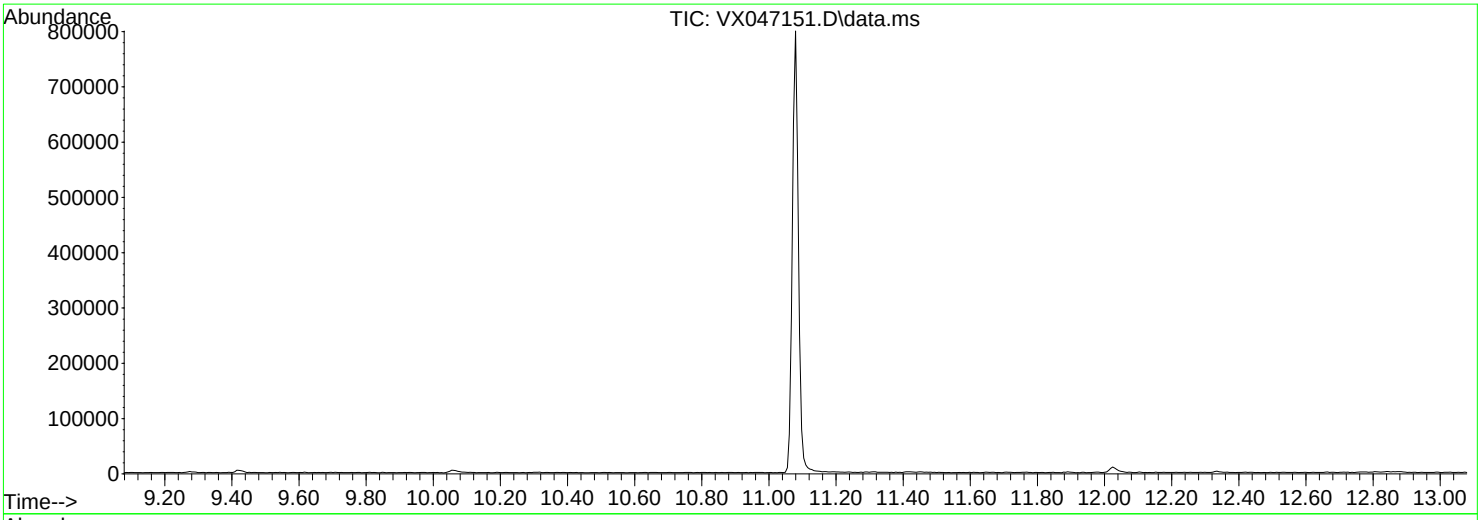
Sample Results: **VX047151.D**

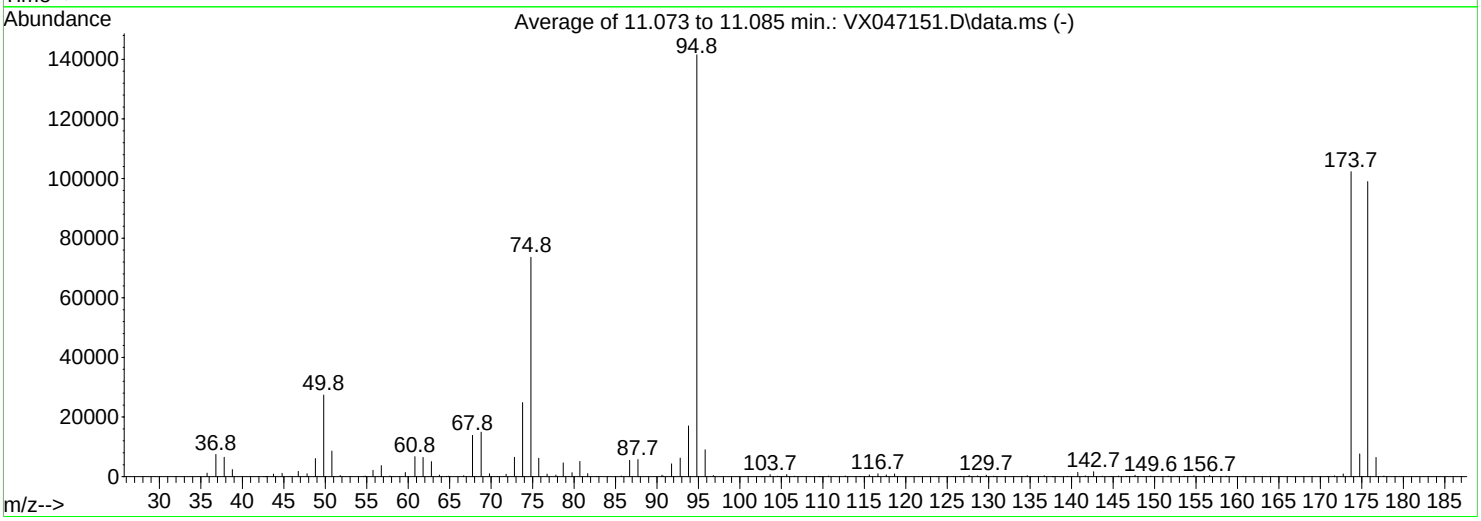
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047151.D
Acq On : 28 Jul 2025 08:52
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.3	27360	PASS
75	95	30	60	52.0	73579	PASS
95	95	100	100	100.0	141493	PASS
96	95	5	9	6.4	8997	PASS
173	174	0.00	2	0.9	923	PASS
174	95	50	100	72.3	102304	PASS
175	174	5	9	7.4	7602	PASS
176	174	95	101	96.8	99003	PASS
177	176	5	9	6.5	6444	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:	VX0725WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBL01	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
VX047130.D	1	07/25/25 10:29	VX072525

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: **VX047130.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:	VX0725WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBL01	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
VX047130.D	1	07/25/25 10:29	VX072525

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: **VX047130.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:	VX0725WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBL01	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
VX047130.D	1	07/25/25 10:29	VX072525

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	53.9		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	53.5		86 - 113	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	438000	5.562			
540-36-3	1,4-Difluorobenzene	807000	6.769			
3114-55-4	Chlorobenzene-d5	774000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	398000	12.018			

Raw Data: **VX047130.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:	VX0725WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBL01	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
VX047130.D	1	07/25/25 10:29	VX072525

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\VX072525\
Data File : VX047130.D
Acq On : 25 Jul 2025 10:29
Operator : JC/MD
Sample : VX0725WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Quant Time: Jul 26 00:22:14 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	437780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	806824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	773720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	398499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	293706	53.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.720%			
35) Dibromofluoromethane	5.397	113	240871	48.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.700%			
50) Toluene-d8	8.647	98	863379	53.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.040%			
62) 4-Bromofluorobenzene	11.079	95	361638	52.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.040%			

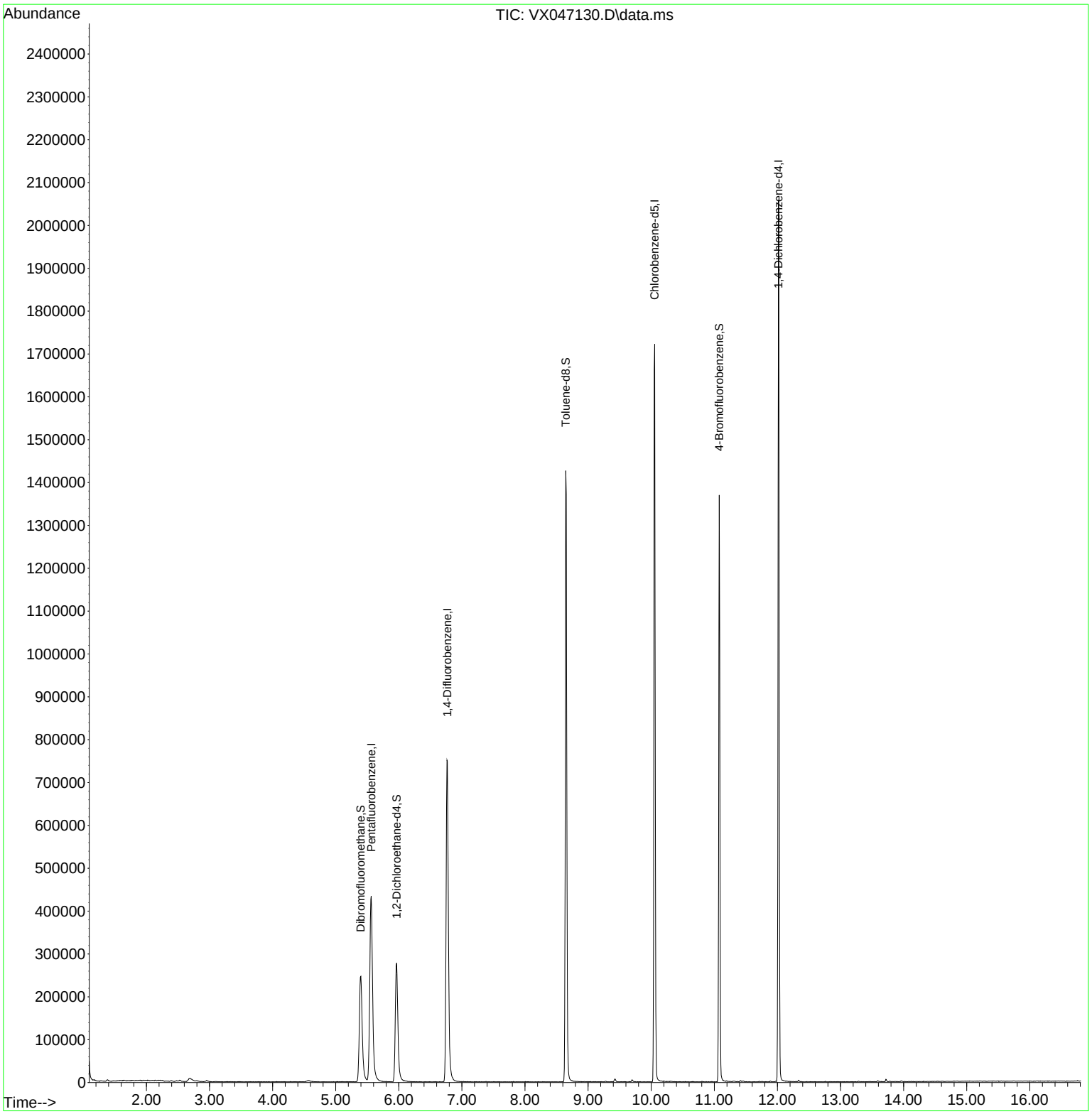
Target Compounds Qvalue

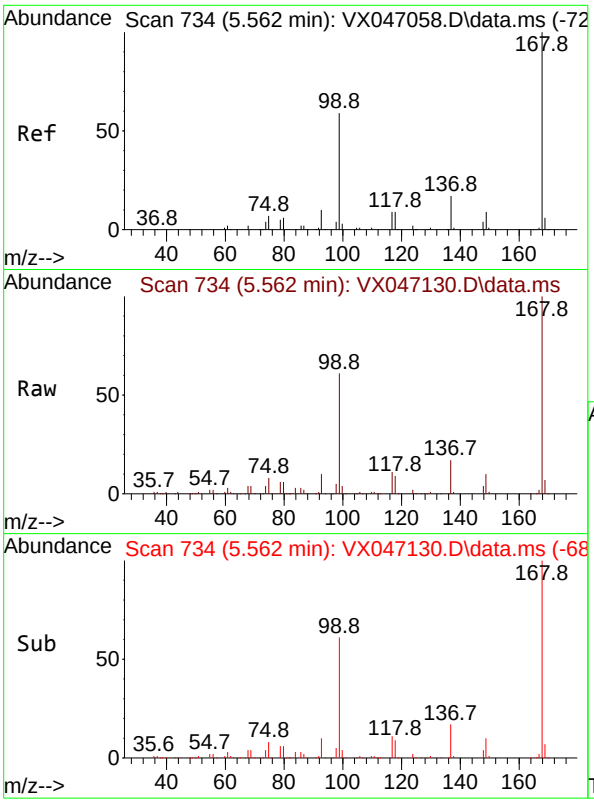
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047130.D
Acq On : 25 Jul 2025 10:29
Operator : JC/MD
Sample : VX0725WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Quant Time: Jul 26 00:22:14 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



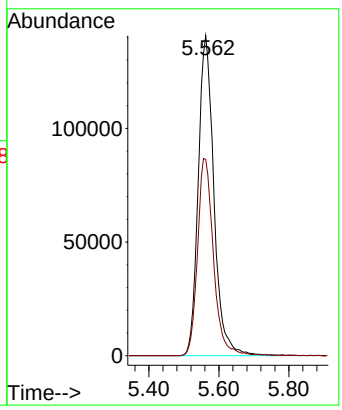


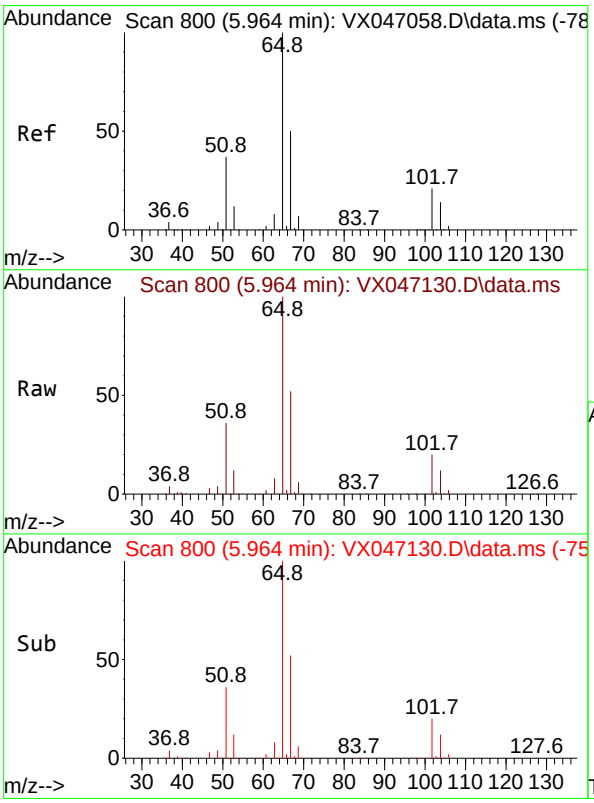
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Tgt Ion:168 Resp: 437780

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.0	72.0

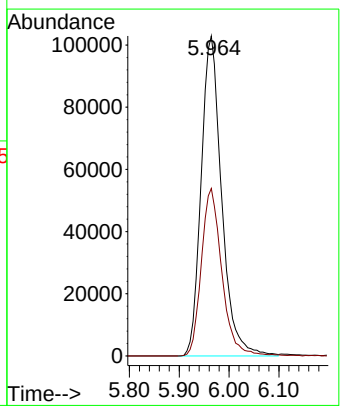


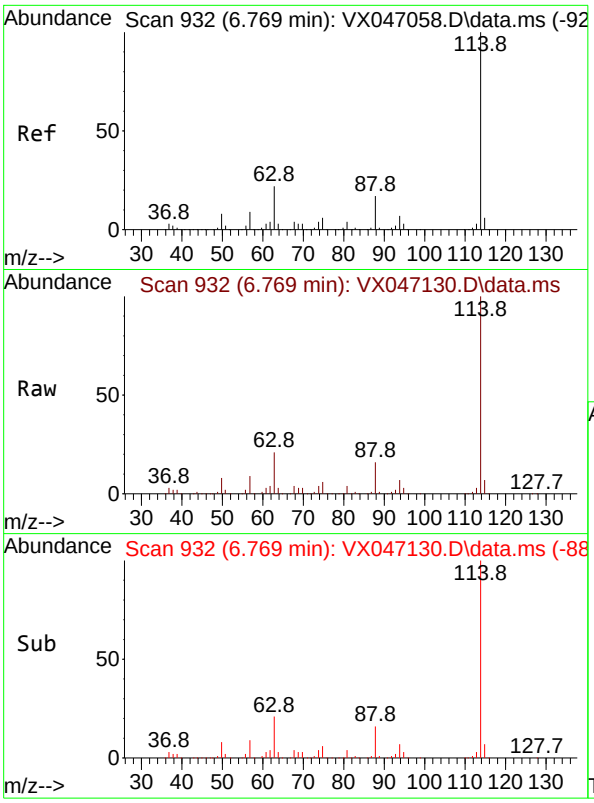


#33
1,2-Dichloroethane-d4
Concen: 53.858 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion: 65 Resp: 293706

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8



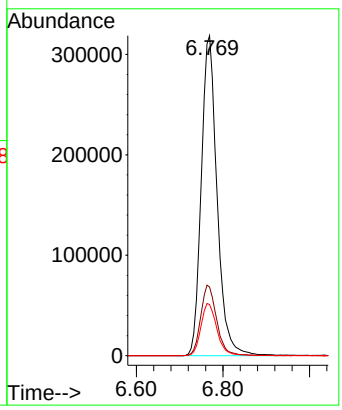


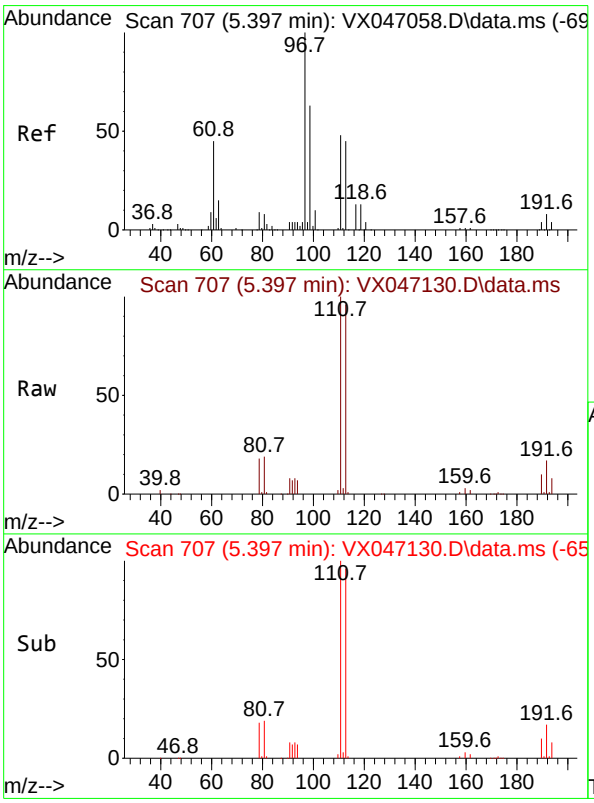
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Tgt Ion:114 Resp: 806824

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	16.0	0.0	33.8

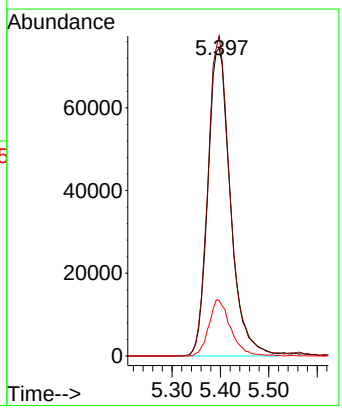


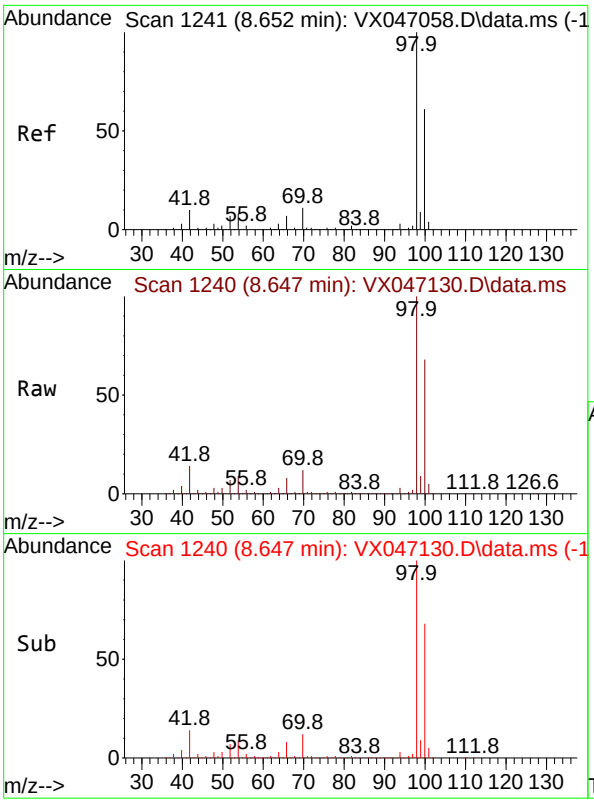


#35
Dibromofluoromethane
Concen: 48.352 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion:113 Resp: 240871

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	17.5	14.9	22.3



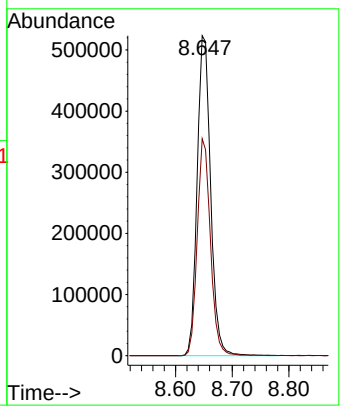


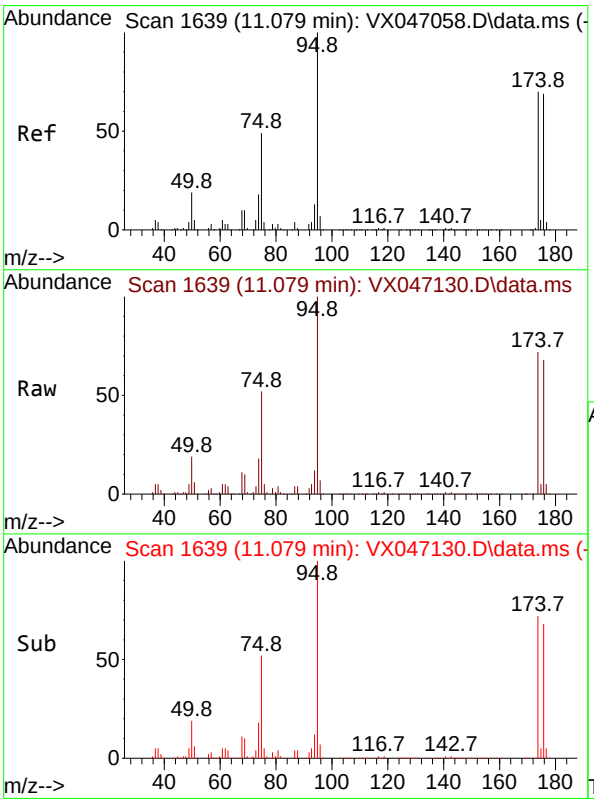
#50
Toluene-d8
Concen: 53.517 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Tgt Ion: 98 Resp: 863379

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

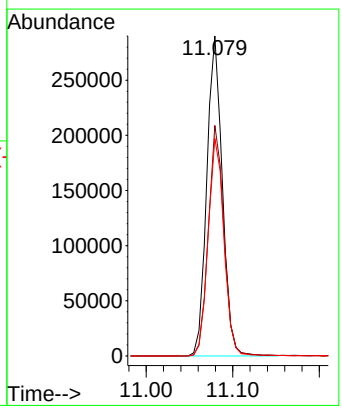


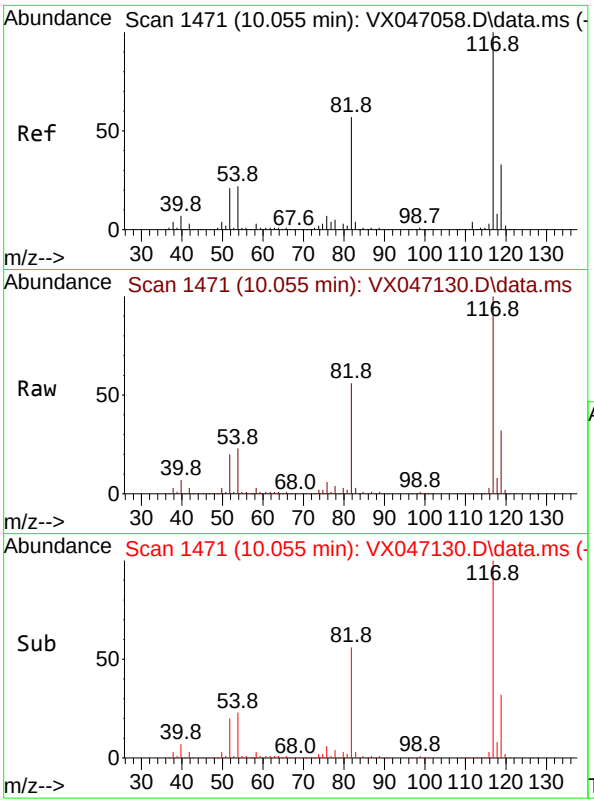


#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion: 95 Resp: 361638

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	144.6
176	69.3	0.0	139.6



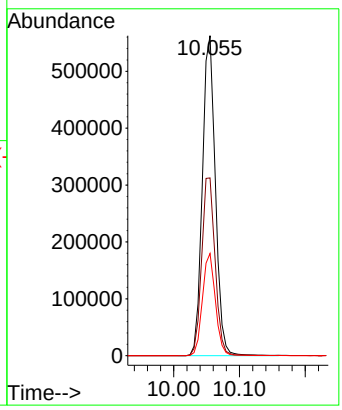


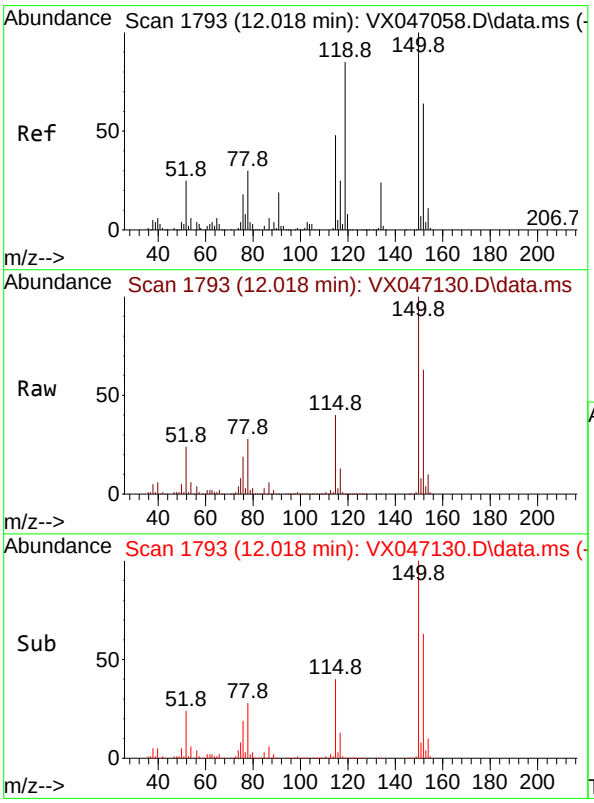
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

Tgt Ion:117 Resp: 773720

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.4	68.2
119	32.0	26.1	39.1

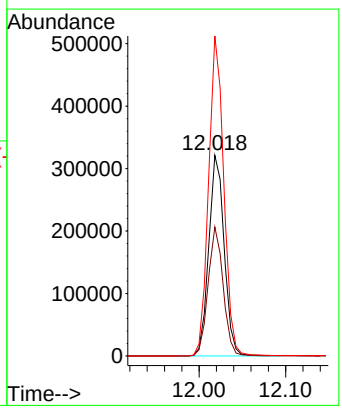




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion:152 Resp: 398499

Ion	Ratio	Lower	Upper
152	100		
115	62.6	45.6	136.7
150	156.5	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:	VX0728WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBL01	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
VX047154.D	1	07/28/25 10:19	VX072825

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: **VX047154.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:	VX0728WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBL01	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
VX047154.D	1	07/28/25 10:19	VX072825

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: **VX047154.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:	VX0728WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBL01	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
VX047154.D	1	07/28/25 10:19	VX072825

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	49.4		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	5.562			
540-36-3	1,4-Difluorobenzene	571000	6.769			
3114-55-4	Chlorobenzene-d5	518000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	262000	12.018			

Raw Data: **VX047154.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:	VX0728WBL01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBL01	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
VX047154.D	1	07/28/25 10:19	VX072825

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\VX072825\
Data File : VX047154.D
Acq On : 28 Jul 2025 10:19
Operator : JC/MD
Sample : VX0728WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Quant Time: Jul 29 02:12:18 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	333922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	570654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	262134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	205584	49.424	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.840%			
35) Dibromofluoromethane	5.397	113	178508	50.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.653	98	545911	47.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.680%			
62) 4-Bromofluorobenzene	11.079	95	257039	52.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.540%			
Target Compounds						Qvalue

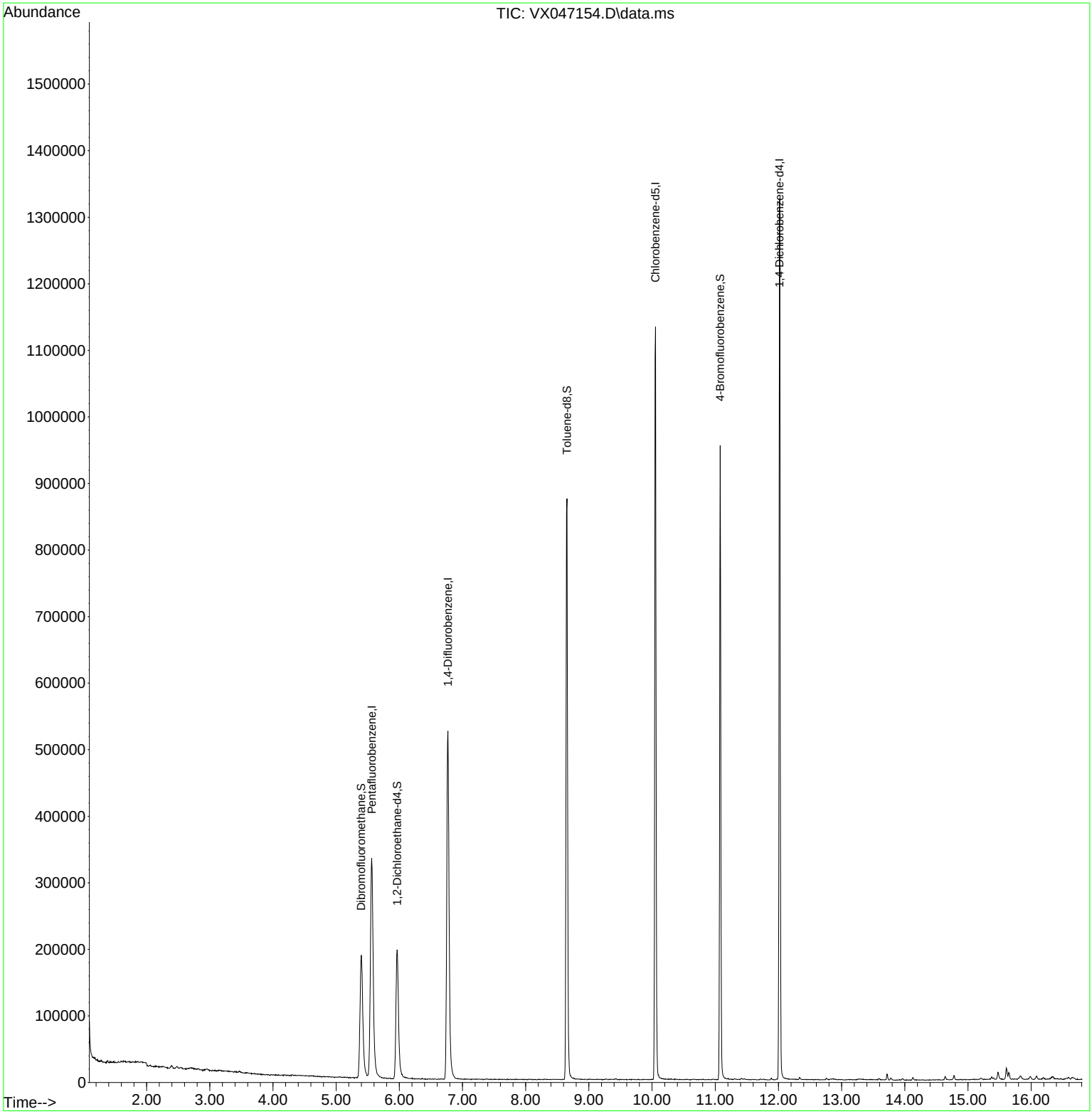
(#) = qualifier out of range (m) = manual integration (+) = signals summed

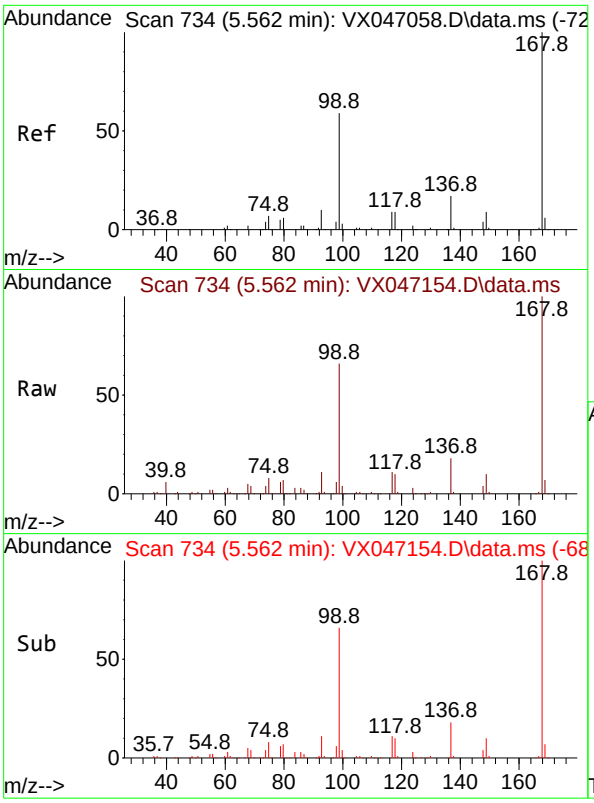
Sample Results: **VX047154.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047154.D
Acq On : 28 Jul 2025 10:19
Operator : JC/MD
Sample : VX0728WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Quant Time: Jul 29 02:12:18 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



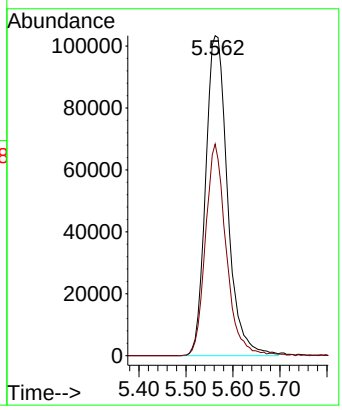


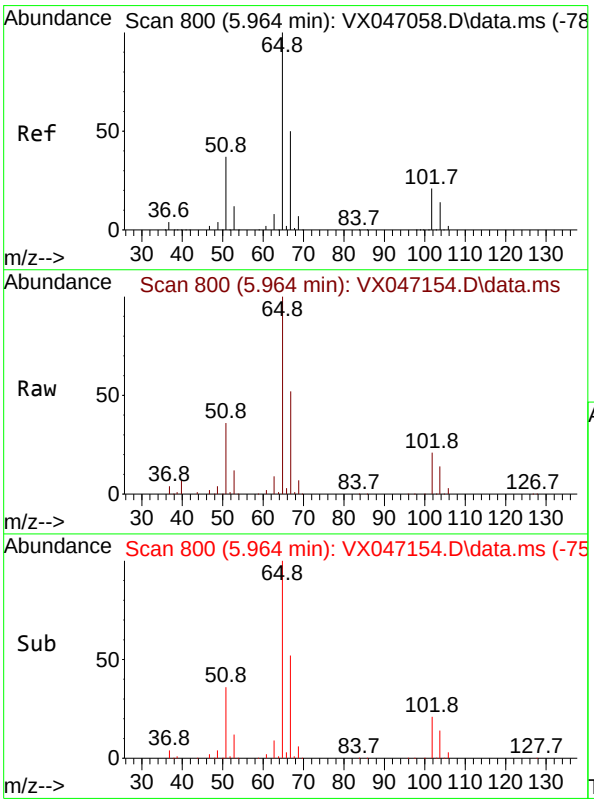
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion:168 Resp: 333922

Ion	Ratio	Lower	Upper
168	100		
99	66.1	48.0	72.0

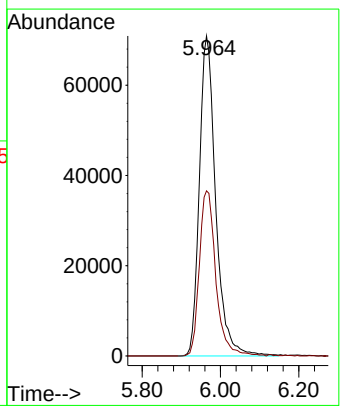


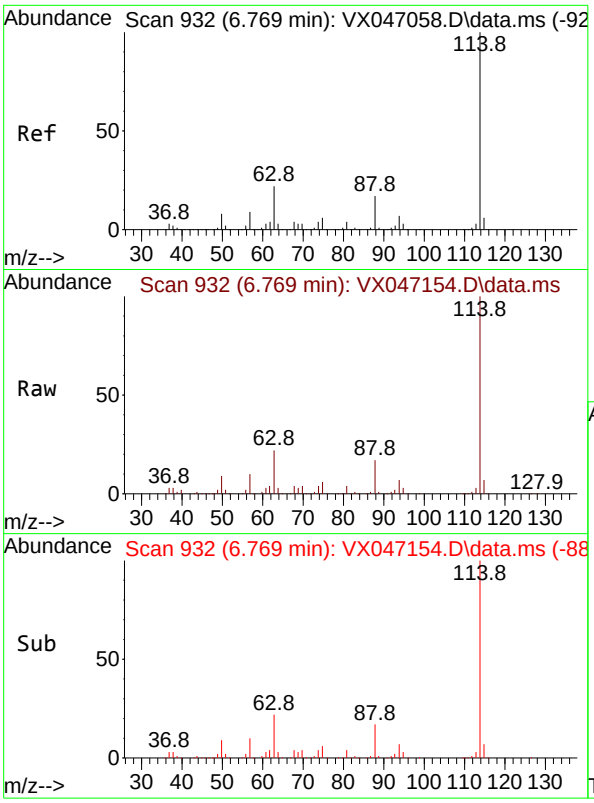


#33
1,2-Dichloroethane-d4
Concen: 49.424 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 65 Resp: 205584

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8



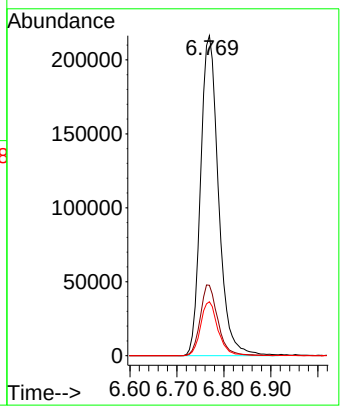


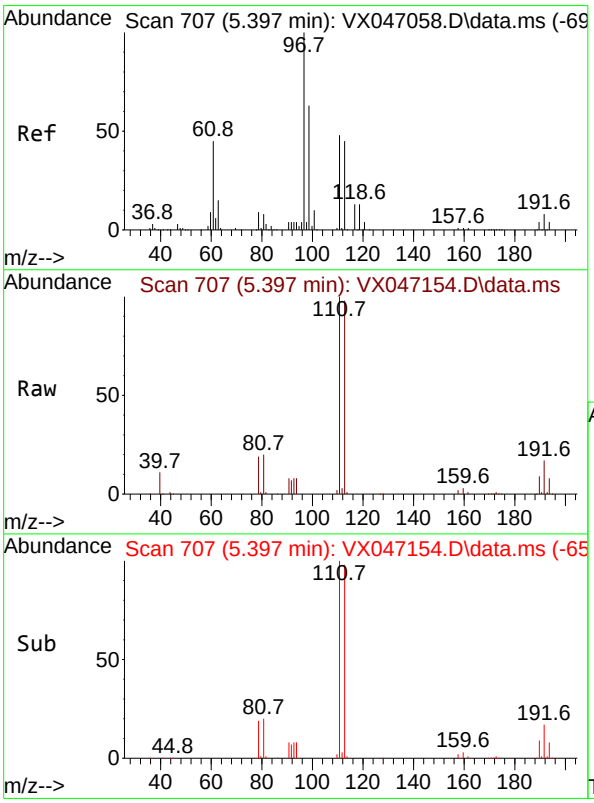
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion:114 Resp: 570654

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.9	0.0	33.8

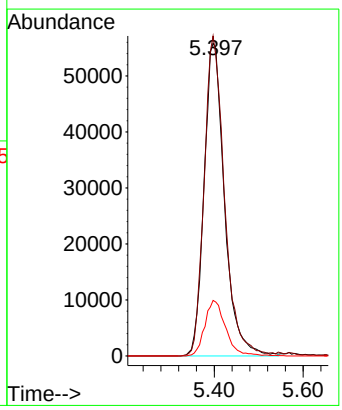


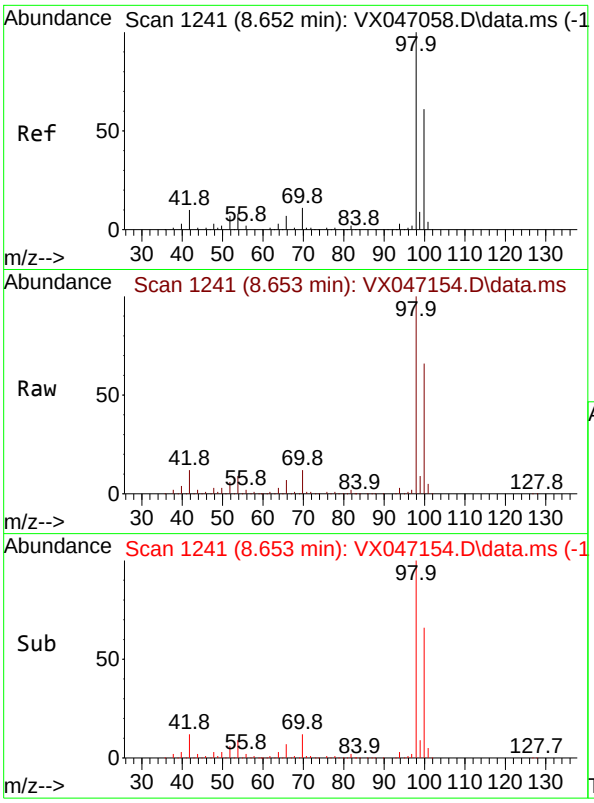


#35
Dibromofluoromethane
Concen: 50.664 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion:113 Resp: 178508

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	18.2	14.9	22.3



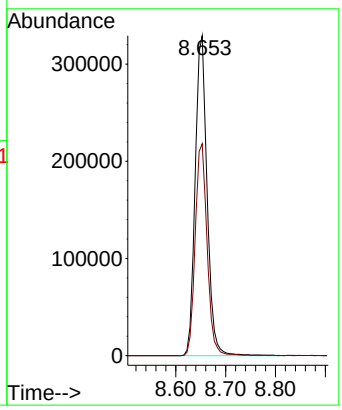


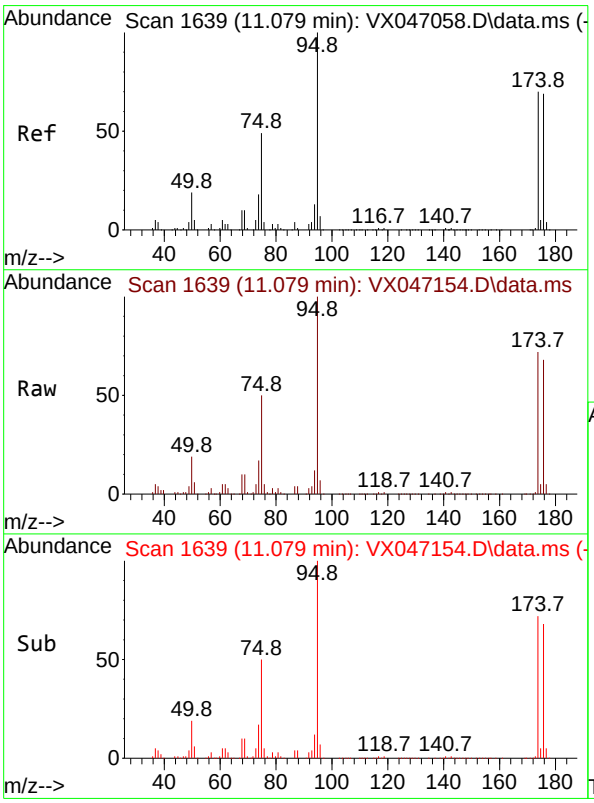
#50
Toluene-d8
Concen: 47.843 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion: 98 Resp: 545911

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

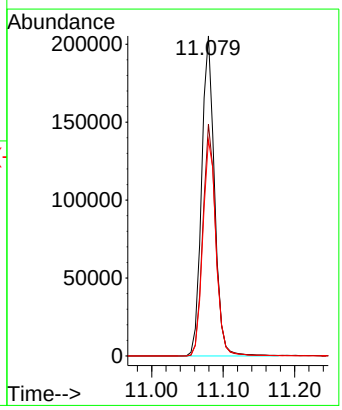


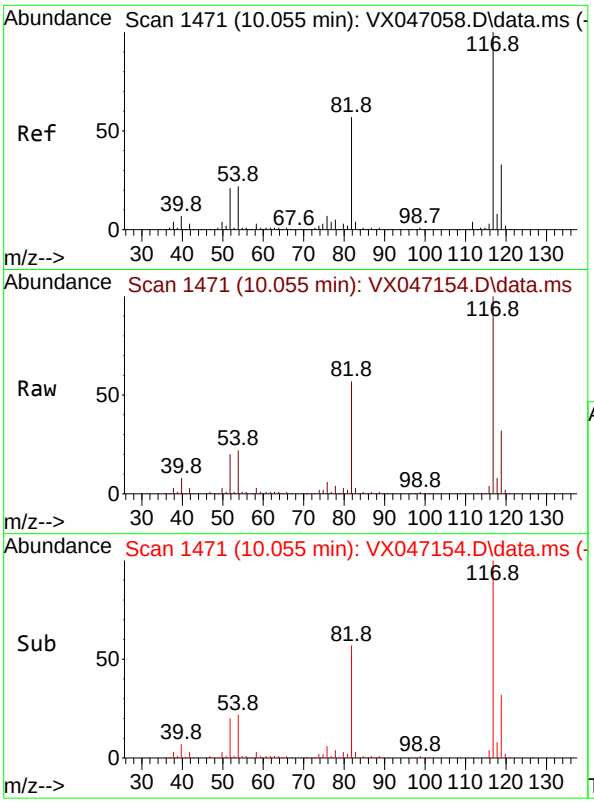


#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 95 Resp: 257039

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.6
176	69.6	0.0	139.6



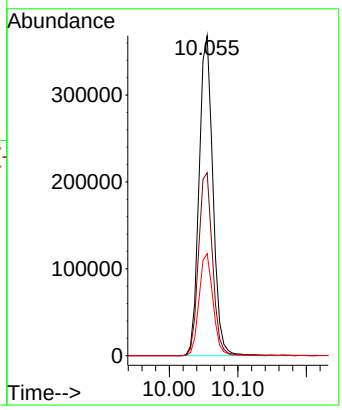


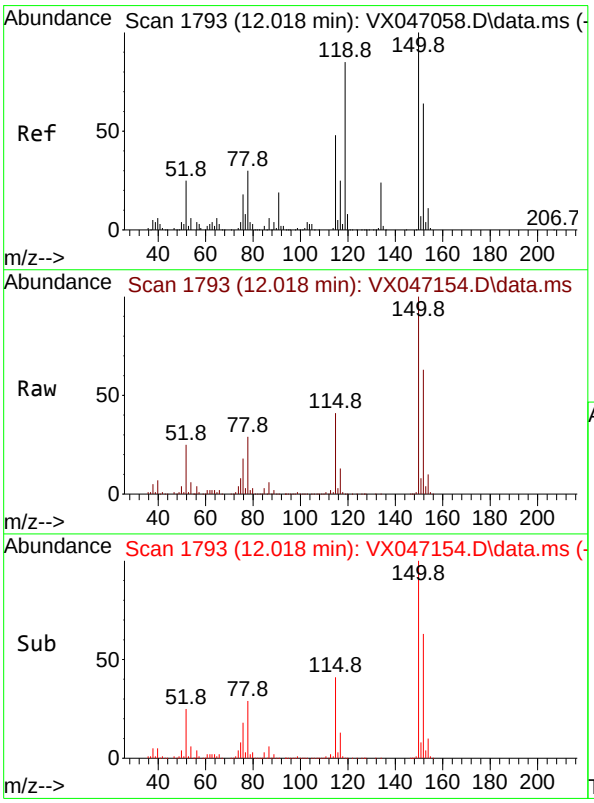
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion:117 Resp: 517999

Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.4	68.2
119	31.9	26.1	39.1

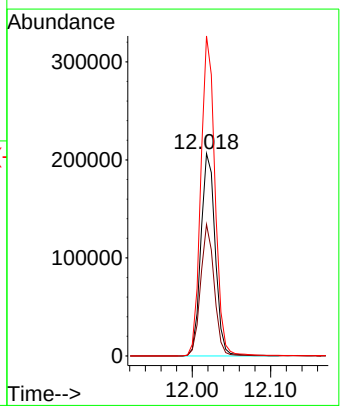




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion:152 Resp: 262134

Ion	Ratio	Lower	Upper
152	100		
115	61.9	45.6	136.7
150	156.6	0.0	354.6



Raw Data: **VX047132.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:	VX0725WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBS01	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
VX047132.D	1	07/25/25 11:17	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		0.22	1.00	ug/L
74-87-3	Chloromethane	17.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.5		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	20.2		0.31	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	5.00	ug/L
75-00-3	Chloroethane	17.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	93.6		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.23	1.00	ug/L
107-02-8	Acrolein	120		7.10	25.0	ug/L
107-13-1	Acrylonitrile	100		0.83	5.00	ug/L
67-64-1	Acetone	97.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.8		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	110		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.1		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.6		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.0		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.2		0.15	1.00	ug/L

Raw Data: **VX047132.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:	VX0725WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBS01	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
VX047132.D	1	07/25/25 11:17	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.1		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.0		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	84.6		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.3		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.7		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.2		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.0		0.24	2.00	ug/L
95-47-6	o-Xylene	19.4		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	20.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.8		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.3		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.3		0.14	1.00	ug/L

Raw Data: **VX047132.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:	VX0725WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBS01	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
VX047132.D	1	07/25/25 11:17	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.7		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.7		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.7		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.7		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.7		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	19.7		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.2		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	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.5		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.2		0.30	1.00	ug/L
91-20-3	Naphthalene	20.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	281000	5.556			
540-36-3	1,4-Difluorobenzene	482000	6.763			
3114-55-4	Chlorobenzene-d5	428000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	213000	12.018			

Raw Data: **VX047132.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:	VX0725WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBS01	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
VX047132.D	1	07/25/25 11:17	VX072525

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: **VX047132.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047132.D
Acq On : 25 Jul 2025 11:17
Operator : JC/MD
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 00:24:07 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

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	280628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	213053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192468	55.058	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.120%			
35) Dibromofluoromethane	5.391	113	161528	54.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	495801	51.473	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.940%			
62) 4-Bromofluorobenzene	11.079	95	228506	55.049	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	75385	20.224	ug/l	99
3) Chloromethane	1.313	50	65533	17.774	ug/l	99
4) Vinyl Chloride	1.392	62	77230	19.485	ug/l	98
5) Bromomethane	1.630	94	41673	19.356	ug/l	100
6) Chloroethane	1.709	64	45897	17.631	ug/l	99
7) Trichlorofluoromethane	1.910	101	114464	19.367	ug/l	98
8) Diethyl Ether	2.142	74	40413	19.394	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	68533	19.247	ug/l	99
10) Methyl Iodide	2.471	142	95340	26.272	ug/l	95
11) Tert butyl alcohol	2.953	59	40866	93.566	ug/l	99
12) 1,1-Dichloroethene	2.337	96	66580	18.879	ug/l	100
13) Acrolein	2.245	56	92516	122.913	ug/l	100
14) Allyl chloride	2.678	41	115823	18.168	ug/l	93
15) Acrylonitrile	3.075	53	170007	101.971	ug/l	100
16) Acetone	2.386	43	137116	97.912	ug/l	99
17) Carbon Disulfide	2.526	76	186365	18.266	ug/l	99
18) Methyl Acetate	2.709	43	81002	21.766	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	218961	20.400	ug/l	100
20) Methylene Chloride	2.806	84	74009	19.210	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	69328	19.210	ug/l	97
22) Diisopropyl ether	3.763	45	249978	20.395	ug/l	86
23) Vinyl Acetate	3.727	43	1035944	105.380	ug/l	99
24) 1,1-Dichloroethane	3.623	63	132252	19.404	ug/l	98
25) 2-Butanone	4.562	43	205245	100.655	ug/l	100
26) 2,2-Dichloropropane	4.483	77	103144	19.550	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	82860	19.389	ug/l	99
28) Bromochloromethane	4.903	49	62625	19.972	ug/l	99
29) Tetrahydrofuran	5.019	42	132129	100.428	ug/l	99
30) Chloroform	5.099	83	138832	20.011	ug/l	95
31) Cyclohexane	5.477	56	125102	19.143	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	117829	19.553	ug/l	99
36) 1,1-Dichloropropene	5.702	75	92348	18.215	ug/l	99
37) Ethyl Acetate	4.727	43	94418	20.210	ug/l	98
38) Carbon Tetrachloride	5.684	117	100929	18.651	ug/l	96
39) Methylcyclohexane	7.385	83	115959	18.318	ug/l	94
40) Benzene	6.044	78	283154	19.298	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047132.D
Acq On : 25 Jul 2025 11:17
Operator : JC/MD
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 00:24:07 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

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	46823	19.168	ug/l		93
42) 1,2-Dichloroethane	6.092	62	102835	19.896	ug/l		100
43) Isopropyl Acetate	6.342	43	148114	20.336	ug/l		99
44) Trichloroethene	7.129	130	68882	18.307	ug/l		92
45) 1,2-Dichloropropane	7.434	63	70392	19.155	ug/l		98
46) Dibromomethane	7.586	93	51735	20.075	ug/l		99
47) Bromodichloromethane	7.824	83	109614	19.984	ug/l		99
48) Methyl methacrylate	7.696	41	78094	19.683	ug/l		99
49) 1,4-Dioxane	7.714	88	18420m	408.185	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	451673	104.336	ug/l		99
52) Toluene	8.720	92	177177	19.639	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	101664	19.627	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	110243	19.446	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	67583	19.975	ug/l		97
56) Ethyl methacrylate	9.116	69	103341	20.631	ug/l		97
57) 1,3-Dichloropropane	9.311	76	117875	20.046	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	235672	84.552	ug/l		100
59) 2-Hexanone	9.427	43	312618	109.303	ug/l		98
60) Dibromochloromethane	9.518	129	80663	20.327	ug/l		97
61) 1,2-Dibromoethane	9.610	107	70981	20.063	ug/l		100
64) Tetrachloroethene	9.275	164	58712	19.032	ug/l		98
65) Chlorobenzene	10.079	112	193719	19.323	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	66415	19.677	ug/l		99
67) Ethyl Benzene	10.195	91	338665	19.321	ug/l		99
68) m/p-Xylenes	10.299	106	255946	39.019	ug/l		99
69) o-Xylene	10.640	106	121096	19.406	ug/l		97
70) Styrene	10.652	104	213736	19.975	ug/l		100
71) Bromoform	10.799	173	52265	20.385	ug/l	#	99
73) Isopropylbenzene	10.957	105	324771	19.322	ug/l		100
74) N-amyl acetate	10.841	43	131830	19.438	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	98812	20.580	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	78026m	19.786	ug/l		
77) Bromobenzene	11.195	156	77946	19.334	ug/l		99
78) n-propylbenzene	11.299	91	387130	19.274	ug/l		99
79) 2-Chlorotoluene	11.360	91	232033	19.325	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	274058	19.736	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	18644	12.181	ug/l		92
82) 4-Chlorotoluene	11.451	91	276238	19.711	ug/l		100
83) tert-Butylbenzene	11.713	119	274075	19.664	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	272221	19.654	ug/l		97
85) sec-Butylbenzene	11.890	105	343705	19.737	ug/l		99
86) p-Isopropyltoluene	12.006	119	285003	19.735	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	150133	19.599	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	148818	19.175	ug/l		98
89) n-Butylbenzene	12.329	91	269662	19.911	ug/l		98
90) Hexachloroethane	12.536	117	49639	19.214	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	142574	19.474	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20011	21.713	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	94218	19.478	ug/l		99
94) Hexachlorobutadiene	13.725	225	33223	20.195	ug/l		98
95) Naphthalene	13.774	128	292691	20.640	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	90967	19.520	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047132.D
Acq On : 25 Jul 2025 11:17
Operator : JC/MD
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 00:24:07 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

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

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

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

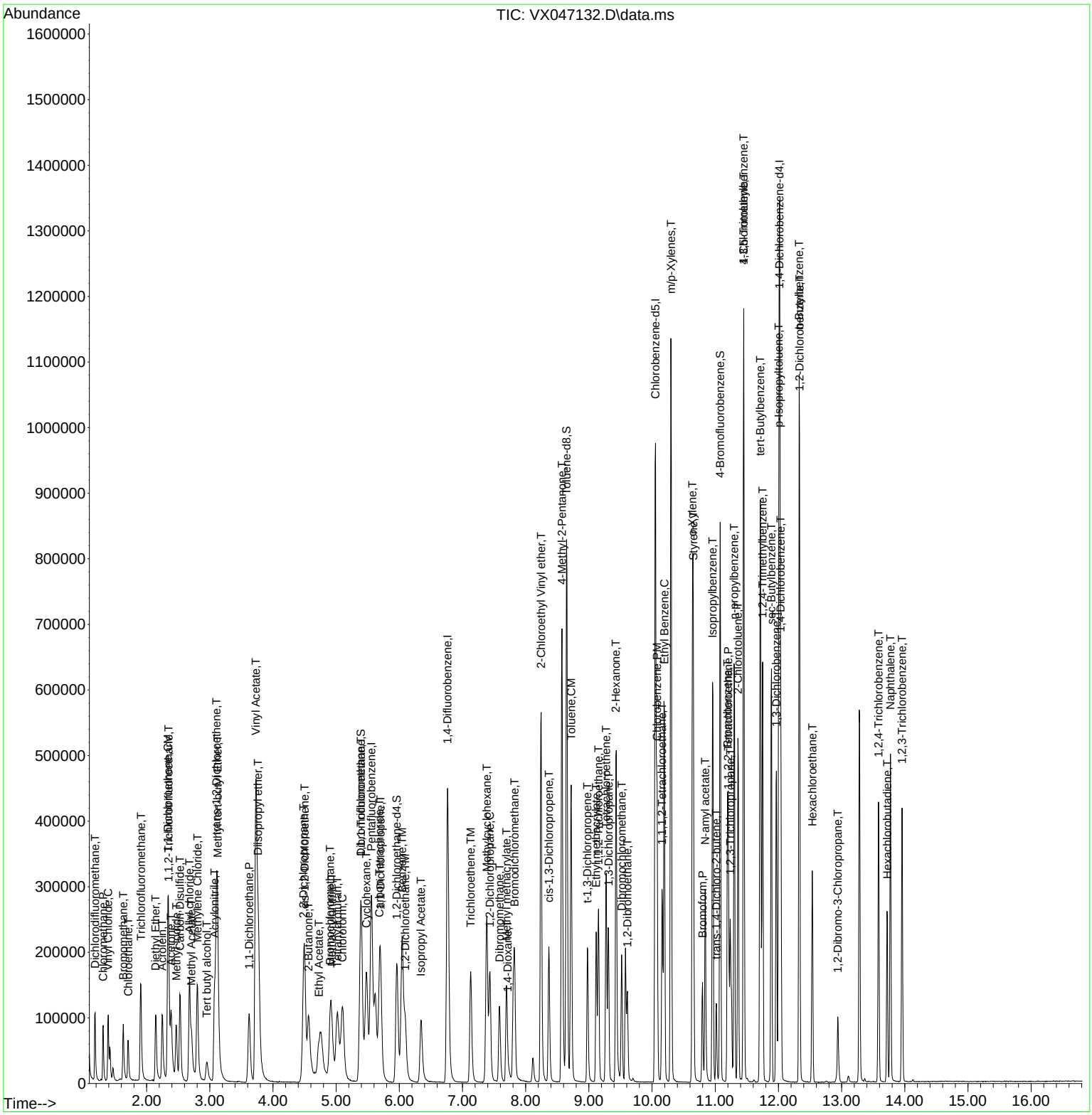
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047132.D
Acq On : 25 Jul 2025 11:17
Operator : JC/MD
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 00:24:07 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

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



Raw Data: **VX047155.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:	VX0728WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBS01	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
VX047155.D	1	07/28/25 10:45	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.8		0.31	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.4		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	77.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
107-02-8	Acrolein	81.5		7.10	25.0	ug/L
107-13-1	Acrylonitrile	89.9		0.83	5.00	ug/L
67-64-1	Acetone	94.2		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	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	94.7		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	92.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	19.3		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.1		0.22	1.00	ug/L
67-66-3	Chloroform	18.5		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	18.6		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.9		0.15	1.00	ug/L

Raw Data: **VX047155.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:	VX0728WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBS01	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
VX047155.D	1	07/28/25 10:45	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.1		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.0		0.68	5.00	ug/L
108-88-3	Toluene	19.2		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.0		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.7		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	83.7		0.30	5.00	ug/L
591-78-6	2-Hexanone	95.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.4		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.5		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	19.2		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.3		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.3		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.5		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.8		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.7		0.14	1.00	ug/L

Raw Data: **VX047155.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:	VX0728WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBS01	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
VX047155.D	1	07/28/25 10:45	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.0		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.0		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.9		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	19.2		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.3		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.4		0.30	1.00	ug/L
91-20-3	Naphthalene	19.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		74 - 125	91%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	313000	5.556			
540-36-3	1,4-Difluorobenzene	525000	6.763			
3114-55-4	Chlorobenzene-d5	470000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	234000	12.018			

Raw Data: **VX047155.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:	VX0728WBS01	SDG No.:	Q2693
Lab Sample ID:	VX0728WBS01	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
VX047155.D	1	07/28/25 10:45	VX072825

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\VX072825\
Data File : VX047155.D
Acq On : 28 Jul 2025 10:45
Operator : JC/MD
Sample : VX0728WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:12:41 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 :
VX0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	313373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	525191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	234098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177972	45.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.180%			
35) Dibromofluoromethane	5.391	113	154941	47.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.560%			
50) Toluene-d8	8.647	98	479039	45.617	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.240%#			
62) 4-Bromofluorobenzene	11.079	95	214565	47.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	77791	18.689	ug/l	96
3) Chloromethane	1.313	50	66503	16.152	ug/l	99
4) Vinyl Chloride	1.392	62	85341	19.282	ug/l	99
5) Bromomethane	1.630	94	46561	19.366	ug/l	96
6) Chloroethane	1.709	64	49163	16.912	ug/l	100
7) Trichlorofluoromethane	1.904	101	123124	18.656	ug/l	99
8) Diethyl Ether	2.148	74	41954	18.029	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	73027	18.366	ug/l	99
10) Methyl Iodide	2.471	142	100813	24.878	ug/l	99
11) Tert butyl alcohol	2.959	59	38716	77.755	ug/l	97
12) 1,1-Dichloroethene	2.337	96	72370	18.376	ug/l	93
13) Acrolein	2.252	56	68505	81.503	ug/l	99
14) Allyl chloride	2.678	41	121672	17.092	ug/l	94
15) Acrylonitrile	3.075	53	167430	89.931	ug/l	100
16) Acetone	2.386	43	147339	94.218	ug/l	98
17) Carbon Disulfide	2.532	76	199293	17.492	ug/l	99
18) Methyl Acetate	2.709	43	81763	19.675	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	229733	19.168	ug/l	100
20) Methylene Chloride	2.800	84	77228	17.951	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	73614	18.267	ug/l	96
22) Diisopropyl ether	3.764	45	261012	19.070	ug/l	90
23) Vinyl Acetate	3.727	43	1039901	94.729	ug/l	99
24) 1,1-Dichloroethane	3.623	63	141618	18.607	ug/l	99
25) 2-Butanone	4.562	43	210409	92.405	ug/l	100
26) 2,2-Dichloropropane	4.483	77	113846	19.324	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	88078	18.456	ug/l	99
28) Bromochloromethane	4.904	49	77491	22.131	ug/l	99
29) Tetrahydrofuran	5.013	42	127440	86.743	ug/l	98
30) Chloroform	5.105	83	143538	18.527	ug/l	96
31) Cyclohexane	5.483	56	134270	18.399	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	125352	18.628	ug/l	99
36) 1,1-Dichloropropene	5.702	75	99171	17.941	ug/l	99
37) Ethyl Acetate	4.721	43	90744	17.816	ug/l	99
38) Carbon Tetrachloride	5.684	117	111694	18.933	ug/l	99
39) Methylcyclohexane	7.385	83	128033	18.552	ug/l	97
40) Benzene	6.044	78	298722	18.674	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047155.D
Acq On : 28 Jul 2025 10:45
Operator : JC/MD
Sample : VX0728WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:12:41 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 :
VX0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	48390	18.170	ug/l	#	92
42) 1,2-Dichloroethane	6.092	62	108096	19.183	ug/l		99
43) Isopropyl Acetate	6.342	43	149806	18.866	ug/l		100
44) Trichloroethene	7.129	130	75750	18.466	ug/l		99
45) 1,2-Dichloropropane	7.434	63	74825	18.676	ug/l		98
46) Dibromomethane	7.586	93	53643	19.093	ug/l		99
47) Bromodichloromethane	7.824	83	115118	19.250	ug/l		97
48) Methyl methacrylate	7.696	41	77796	17.985	ug/l		99
49) 1,4-Dioxane	7.708	88	19105	388.326	ug/l	#	92
51) 4-Methyl-2-Pentanone	8.574	43	438798	92.973	ug/l		99
52) Toluene	8.720	92	188706	19.185	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	107997	19.124	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	116846	18.905	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	70113	19.007	ug/l		99
56) Ethyl methacrylate	9.116	69	102202	18.715	ug/l		96
57) 1,3-Dichloropropane	9.305	76	119701	18.672	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	254306	83.687	ug/l		100
59) 2-Hexanone	9.427	43	297933	95.547	ug/l		100
60) Dibromochloromethane	9.519	129	83631	19.331	ug/l		98
61) 1,2-Dibromoethane	9.610	107	71328	18.493	ug/l		100
64) Tetrachloroethene	9.275	164	61923	18.286	ug/l		98
65) Chlorobenzene	10.079	112	204374	18.571	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	71869	19.397	ug/l		98
67) Ethyl Benzene	10.195	91	366130	19.028	ug/l		100
68) m/p-Xylenes	10.299	106	271050	37.643	ug/l		99
69) o-Xylene	10.640	106	131643	19.218	ug/l		99
70) Styrene	10.653	104	225118	19.165	ug/l		100
71) Bromoform	10.799	173	54892	19.503	ug/l	#	99
73) Isopropylbenzene	10.957	105	349329	18.914	ug/l		100
74) N-amyl acetate	10.842	43	132693	17.807	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	96797	18.348	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	79231m	18.285	ug/l		
77) Bromobenzene	11.195	156	81993	18.509	ug/l		99
78) n-propylbenzene	11.299	91	415786	18.839	ug/l		100
79) 2-Chlorotoluene	11.360	91	246837	18.710	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	289953	19.003	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	22833	13.576	ug/l		100
82) 4-Chlorotoluene	11.451	91	289976	18.831	ug/l		99
83) tert-Butylbenzene	11.713	119	293667	19.176	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	288523	18.958	ug/l		100
85) sec-Butylbenzene	11.890	105	361807	18.908	ug/l		99
86) p-Isopropyltoluene	12.006	119	304940	19.217	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	157441	18.705	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	158610	18.600	ug/l		97
89) n-Butylbenzene	12.329	91	287044	19.289	ug/l		98
90) Hexachloroethane	12.536	117	55242	19.460	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	148759	18.492	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19573	19.328	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	100369	18.884	ug/l		99
94) Hexachlorobutadiene	13.719	225	36903	20.416	ug/l		96
95) Naphthalene	13.774	128	298955	19.187	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	94287	18.414	ug/l		98

Sample Results: **VX047155.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047155.D
Acq On : 28 Jul 2025 10:45
Operator : JC/MD
Sample : VX0728WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:12:41 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 :
VX0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

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

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

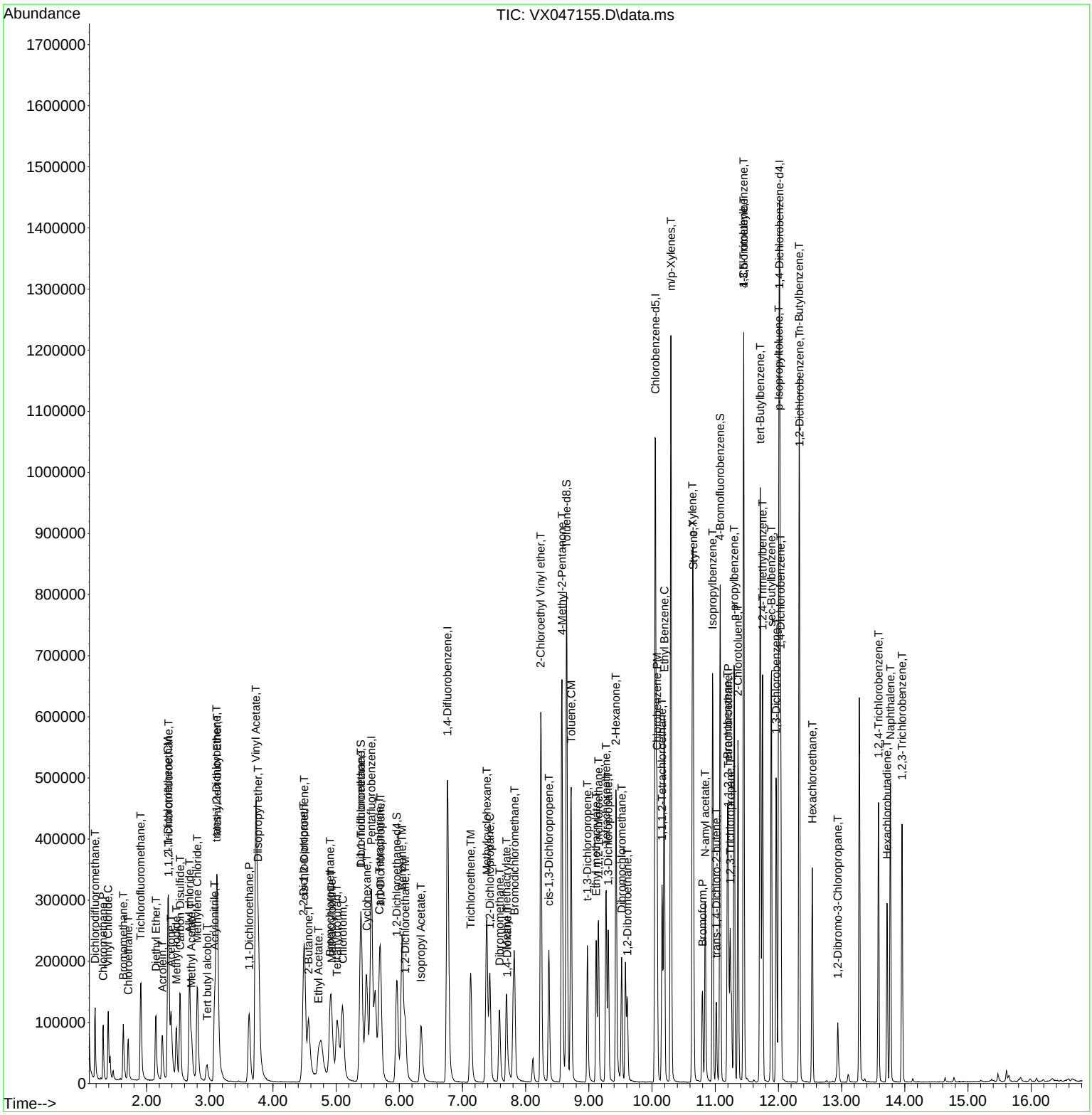
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047155.D
Acq On : 28 Jul 2025 10:45
Operator : JC/MD
Sample : VX0728WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 02:12:41 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 :
VX0728WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



Raw Data: **VX047134.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:	VX0725WBSD01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBSD01	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
VX047134.D	1	07/25/25 12:00	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	19.1		0.31	1.00	ug/L
74-83-9	Bromomethane	17.1		1.40	5.00	ug/L
75-00-3	Chloroethane	16.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.1		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
107-02-8	Acrolein	97.9		7.10	25.0	ug/L
107-13-1	Acrylonitrile	95.9		0.83	5.00	ug/L
67-64-1	Acetone	95.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	97.5		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	97.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.5		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.9		0.22	1.00	ug/L
67-66-3	Chloroform	18.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.0		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.0		0.15	1.00	ug/L

Raw Data: **VX047134.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:	VX0725WBSD01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBSD01	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
VX047134.D	1	07/25/25 12:00	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.8		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.2		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	18.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.2		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.7		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	94.5		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.9		0.19	1.00	ug/L
67-72-1	Hexachloroethane	18.5		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.3		0.24	2.00	ug/L
95-47-6	o-Xylene	19.2		0.12	1.00	ug/L
100-42-5	Styrene	18.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.6		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.8		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.6		0.14	1.00	ug/L

Raw Data: **VX047134.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:	VX0725WBSD01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBSD01	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
VX047134.D	1	07/25/25 12:00	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.8		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.9		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.8		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.0		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	19.0		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.9		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	19.0		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	19.3		0.30	1.00	ug/L
91-20-3	Naphthalene	20.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.1		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	43.6		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	296000	5.562			
540-36-3	1,4-Difluorobenzene	509000	6.769			
3114-55-4	Chlorobenzene-d5	458000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	230000	12.018			

Raw Data: **VX047134.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:	VX0725WBSD01	SDG No.:	Q2693
Lab Sample ID:	VX0725WBSD01	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
VX047134.D	1	07/25/25 12:00	VX072525

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\VX072525\
Data File : VX047134.D
Acq On : 25 Jul 2025 12:00
Operator : JC/MD
Sample : VX0725WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 26 00:26:10 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 :
VX0725WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	296074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	508838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	229547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	166444	45.129	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.260%			
35) Dibromofluoromethane	5.397	113	142120	45.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.480%			
50) Toluene-d8	8.653	98	443453	43.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.180%#			
62) 4-Bromofluorobenzene	11.079	95	204372	46.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	73335	18.648	ug/l	99
3) Chloromethane	1.313	50	65004	16.710	ug/l	97
4) Vinyl Chloride	1.392	62	77463	18.524	ug/l	95
5) Bromomethane	1.630	94	38761	17.064	ug/l	94
6) Chloroethane	1.709	64	44573	16.229	ug/l	98
7) Trichlorofluoromethane	1.910	101	111460	17.875	ug/l	99
8) Diethyl Ether	2.148	74	39960	18.176	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	68061	18.117	ug/l	98
10) Methyl Iodide	2.465	142	90553	23.651	ug/l	97
11) Tert butyl alcohol	2.959	59	41651	90.024	ug/l	99
12) 1,1-Dichloroethene	2.337	96	65537	17.614	ug/l	99
13) Acrolein	2.252	56	77727	97.878	ug/l	100
14) Allyl chloride	2.684	41	115979	17.244	ug/l	93
15) Acrylonitrile	3.075	53	168769	95.947	ug/l	99
16) Acetone	2.386	43	141106	95.504	ug/l	97
17) Carbon Disulfide	2.532	76	187062	17.378	ug/l	98
18) Methyl Acetate	2.715	43	82849	21.101	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	216590	19.127	ug/l	99
20) Methylene Chloride	2.806	84	73751	18.144	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	69118	18.153	ug/l	93
22) Diisopropyl ether	3.770	45	249910	19.326	ug/l	99
23) Vinyl Acetate	3.733	43	1011303	97.507	ug/l	99
24) 1,1-Dichloroethane	3.623	63	132026	18.361	ug/l	100
25) 2-Butanone	4.568	43	208651	96.987	ug/l	98
26) 2,2-Dichloropropane	4.489	77	103196	18.539	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	83158	18.444	ug/l	98
28) Bromochloromethane	4.910	49	69289	20.945	ug/l	100
29) Tetrahydrofuran	5.025	42	136503	98.340	ug/l	99
30) Chloroform	5.105	83	136332	18.626	ug/l	95
31) Cyclohexane	5.483	56	126777	18.388	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	119432	18.785	ug/l	99
36) 1,1-Dichloropropene	5.708	75	96355	17.992	ug/l	99
37) Ethyl Acetate	4.721	43	94453	19.140	ug/l	99
38) Carbon Tetrachloride	5.684	117	103109	18.039	ug/l	96
39) Methylcyclohexane	7.385	83	120361	18.001	ug/l	97
40) Benzene	6.050	78	286576	18.491	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047134.D
Acq On : 25 Jul 2025 12:00
Operator : JC/MD
Sample : VX0725WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 26 00:26:10 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 :
VX0725WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	45139	17.494	ug/l		93
42) 1,2-Dichloroethane	6.098	62	101550	18.601	ug/l		99
43) Isopropyl Acetate	6.348	43	151776	19.729	ug/l		100
44) Trichloroethene	7.135	130	71128	17.897	ug/l		97
45) 1,2-Dichloropropane	7.434	63	73006	18.808	ug/l		96
46) Dibromomethane	7.586	93	52243	19.192	ug/l		98
47) Bromodichloromethane	7.824	83	110327	19.042	ug/l		98
48) Methyl methacrylate	7.696	41	77813	18.567	ug/l		98
49) 1,4-Dioxane	7.714	88	19954	418.618	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.574	43	464185	101.513	ug/l		98
52) Toluene	8.720	92	178558	18.737	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	101821	18.610	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	113200	18.904	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	68561	19.184	ug/l		97
56) Ethyl methacrylate	9.116	69	104468	19.745	ug/l		98
57) 1,3-Dichloropropane	9.311	76	116455	18.749	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	278078	94.451	ug/l		99
59) 2-Hexanone	9.433	43	320146	105.971	ug/l		99
60) Dibromochloromethane	9.519	129	80676	19.247	ug/l		99
61) 1,2-Dibromoethane	9.610	107	71010	19.002	ug/l		99
64) Tetrachloroethene	9.275	164	59257	17.950	ug/l		98
65) Chlorobenzene	10.079	112	198483	18.502	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	68429	18.946	ug/l		98
67) Ethyl Benzene	10.195	91	351249	18.726	ug/l		98
68) m/p-Xylenes	10.299	106	262046	37.332	ug/l		99
69) o-Xylene	10.640	106	128239	19.204	ug/l		99
70) Styrene	10.653	104	215887	18.854	ug/l		99
71) Bromoform	10.799	173	51564	18.794	ug/l	#	98
73) Isopropylbenzene	10.963	105	341005	18.830	ug/l		99
74) N-amyl acetate	10.842	43	138570	18.964	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101142	19.552	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	79028m	18.600	ug/l		
77) Bromobenzene	11.195	156	80657	18.569	ug/l		99
78) n-propylbenzene	11.305	91	407823	18.845	ug/l		100
79) 2-Chlorotoluene	11.360	91	240498	18.591	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	281070	18.786	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	19438	11.787	ug/l		98
82) 4-Chlorotoluene	11.451	91	285484	18.907	ug/l		100
83) tert-Butylbenzene	11.713	119	282635	18.821	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	282789	18.950	ug/l		99
85) sec-Butylbenzene	11.890	105	355570	18.951	ug/l		99
86) p-Isopropyltoluene	12.006	119	293511	18.864	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	154435	18.712	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	154319	18.455	ug/l		98
89) n-Butylbenzene	12.329	91	276770	18.968	ug/l		99
90) Hexachloroethane	12.536	117	51465	18.489	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	145149	18.401	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20393	20.537	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	98252	18.852	ug/l		99
94) Hexachlorobutadiene	13.725	225	34130	19.256	ug/l		98
95) Naphthalene	13.774	128	319967	20.942	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	93811	18.684	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047134.D
Acq On : 25 Jul 2025 12:00
Operator : JC/MD
Sample : VX0725WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 26 00:26:10 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 :
VX0725WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

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

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

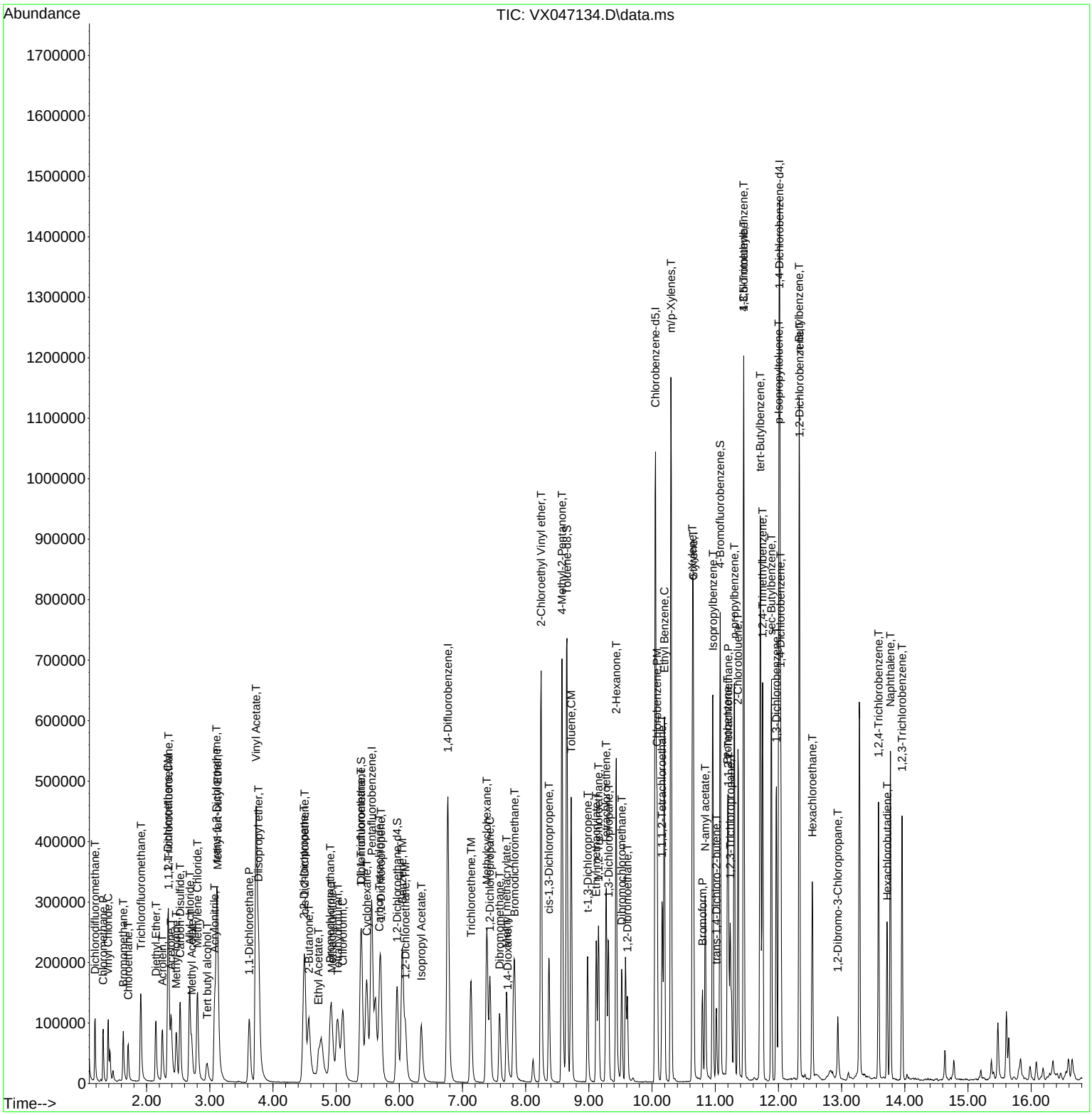
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047134.D
Acq On : 25 Jul 2025 12:00
Operator : JC/MD
Sample : VX0725WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 26 00:26:10 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 :
VX0725WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



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

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
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

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

Manual Integration Report

Sequence:	VX072525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047128.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:04 AM	MMDadoda	7/28/2025 2:57:19 PM	Peak Integrated by Software
VX0725WBS01	VX047132.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:14 AM	MMDadoda	7/28/2025 2:57:22 PM	Peak Integrated by Software
VX0725WBS01	VX047132.D	1,4-Dioxane	JOHN	7/28/2025 8:32:14 AM	MMDadoda	7/28/2025 2:57:22 PM	Peak Integrated by Software
VX0725WBSD01	VX047134.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:19 AM	MMDadoda	7/28/2025 2:57:24 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	Bromochloromethane	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	Bromoform	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	Carbon Tetrachloride	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	Dibromochloromethane	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICCC020	VX047143.D	Dibromomethane	JOHN	7/28/2025 8:32:41 AM	MMDadoda	7/28/2025 2:57:33 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	1,2-Dichloropropane	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	Bromochloromethane	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC050	VX047144.D	Bromoform	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	Carbon Tetrachloride	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	Dibromochloromethane	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	Ethyl Acetate	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC050	VX047144.D	Hexachlorobutadiene	JOHN	7/28/2025 8:32:46 AM	MMDadoda	7/28/2025 2:57:36 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	2,2-Dichloropropane	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	Bromochloromethane	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	Bromoform	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	Carbon Tetrachloride	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	Dibromochloromethane	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC100	VX047145.D	Hexachloroethane	JOHN	7/28/2025 8:32:50 AM	MMDadoda	7/28/2025 2:57:38 PM	Peak Integrated by Software
VSTDICC150	VX047146.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC150	VX047146.D	1,4-Dioxane	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software
VSTDICC150	VX047146.D	Bromochloromethane	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software
VSTDICC150	VX047146.D	Bromoform	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software
VSTDICC150	VX047146.D	Carbon Tetrachloride	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software
VSTDICC150	VX047146.D	Dibromochloromethane	JOHN	7/28/2025 8:32:55 AM	MMDadoda	7/28/2025 2:57:40 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	1,1,1-Trichloroethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	1,2-Dichloroethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	1,4-Dioxane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Bromochloromethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Bromoform	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Bromomethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Carbon Tetrachloride	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX072525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX047148.D	cis-1,2-Dichloroethene	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Dibromochloromethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Dibromomethane	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Ethyl Acetate	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	Hexachlorobutadiene	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICC005	VX047148.D	trans-1,2-Dichloroethene	JOHN	7/28/2025 8:33:04 AM	MMDadoda	7/28/2025 2:57:44 PM	Peak Integrated by Software
VSTDICV020	VX047150.D	1,2,3-Trichloropropane	JOHN	7/28/2025 8:33:13 AM	MMDadoda	7/28/2025 2:57:49 PM	Peak Integrated by Software
VSTDICV020	VX047150.D	Bromochloromethane	JOHN	7/28/2025 8:33:13 AM	MMDadoda	7/28/2025 2:57:49 PM	Peak Integrated by Software
VSTDICV020	VX047150.D	Bromoform	JOHN	7/28/2025 8:33:13 AM	MMDadoda	7/28/2025 2:57:49 PM	Peak Integrated by Software
VSTDICV020	VX047150.D	Carbon Tetrachloride	JOHN	7/28/2025 8:33:13 AM	MMDadoda	7/28/2025 2:57:49 PM	Peak Integrated by Software
VSTDICV020	VX047150.D	Dibromochloromethane	JOHN	7/28/2025 8:33:13 AM	MMDadoda	7/28/2025 2:57:49 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX072825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047152.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:40:30 AM	MMDadoda	7/29/2025 12:09:00 PM	Peak Integrated by Software
VSTDCCC050	VX047152.D	Methacrylonitrile	JOHN	7/29/2025 8:40:30 AM	MMDadoda	7/29/2025 12:09:00 PM	Peak Integrated by Software
VX0728WBS01	VX047155.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:40:34 AM	MMDadoda	7/29/2025 12:09:02 PM	Peak Integrated by Software
VSTDCCC050	VX047169.D	1,2,3-Trichloropropane	JOHN	7/29/2025 8:41:02 AM	MMDadoda	7/29/2025 12:09:13 PM	Peak Integrated by Software

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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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072525

Review By	John Carlone	Review On	7/28/2025 8:34:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/28/2025 2:58:07 PM		
SubDirectory	VX072525	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134915,VP134918
Initial Calibration Stds	
CCC	VP134916,VP134917
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047127.D	25 Jul 2025 08:40	JC/MD	Ok
2	VSTDCCC050	VX047128.D	25 Jul 2025 09:40	JC/MD	Ok,M
3	VX0725MBL01	VX047129.D	25 Jul 2025 10:08	JC/MD	Ok
4	VX0725WBL01	VX047130.D	25 Jul 2025 10:29	JC/MD	Ok
5	VX0725MBS01	VX047131.D	25 Jul 2025 10:50	JC/MD	Ok,M
6	VX0725WBS01	VX047132.D	25 Jul 2025 11:17	JC/MD	Ok,M
7	Q2655-01MEDL	VX047133.D	25 Jul 2025 11:38	JC/MD	Not Ok
8	VX0725WBSD01	VX047134.D	25 Jul 2025 12:00	JC/MD	Ok,M
9	IBLK	VX047135.D	25 Jul 2025 12:21	JC/MD	Ok
10	Q2693-01	VX047136.D	25 Jul 2025 12:42	JC/MD	ReRun
11	Q2693-02	VX047137.D	25 Jul 2025 13:04	JC/MD	ReRun
12	Q2693-03	VX047138.D	25 Jul 2025 13:25	JC/MD	ReRun
13	Q2693-04	VX047139.D	25 Jul 2025 13:47	JC/MD	Ok
14	Q2655-01ME	VX047140.D	25 Jul 2025 14:08	JC/MD	Ok,M
15	BFB	VX047141.D	25 Jul 2025 14:30	JC/MD	Ok
16	VSTDICC005	VX047142.D	25 Jul 2025 15:18	JC/MD	Not Ok
17	VSTDICCC020	VX047143.D	25 Jul 2025 15:40	JC/MD	Ok,M
18	VSTDICC050	VX047144.D	25 Jul 2025 16:01	JC/MD	Ok,M
19	VSTDICC100	VX047145.D	25 Jul 2025 16:23	JC/MD	Ok,M
20	VSTDICC150	VX047146.D	25 Jul 2025 16:44	JC/MD	Ok,M
21	IBLK	VX047147.D	25 Jul 2025 17:06	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072525

Review By	John Carlone	Review On	7/28/2025 8:34:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/28/2025 2:58:07 PM		
SubDirectory	VX072525	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134915,VP134918
Initial Calibration Stds	
CCC	VP134916,VP134917
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDICC005	VX047148.D	25 Jul 2025 17:27	JC/MD	Ok,M
23	VSTDICCC020	VX047149.D	25 Jul 2025 17:49	JC/MD	Not Ok
24	VSTDICV020	VX047150.D	25 Jul 2025 18:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072825

Review By	John Carlone	Review On	7/29/2025 8:49:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:09:18 PM		
SubDirectory	VX072825	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134919
Initial Calibration Stds	
CCC	VP134920,VP134921
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047151.D	28 Jul 2025 08:52	JC/MD	Ok
2	VSTDCCC050	VX047152.D	28 Jul 2025 09:23	JC/MD	Ok,M
3	VX0728MBL01	VX047153.D	28 Jul 2025 09:58	JC/MD	Ok
4	VX0728WBL01	VX047154.D	28 Jul 2025 10:19	JC/MD	Ok
5	VX0728WBS01	VX047155.D	28 Jul 2025 10:45	JC/MD	Ok,M
6	VX0728WBSD01	VX047156.D	28 Jul 2025 11:11	JC/MD	Ok,M
7	IBLK	VX047157.D	28 Jul 2025 11:32	JC/MD	Ok
8	Q2693-01	VX047158.D	28 Jul 2025 11:53	JC/MD	Ok
9	Q2693-02	VX047159.D	28 Jul 2025 12:20	JC/MD	Ok
10	Q2693-03	VX047160.D	28 Jul 2025 13:16	JC/MD	Ok
11	PB169005TB	VX047161.D	28 Jul 2025 13:42	JC/MD	Ok
12	Q2681-01	VX047162.D	28 Jul 2025 14:03	JC/MD	Dilution
13	Q2691-02	VX047163.D	28 Jul 2025 14:24	JC/MD	Ok
14	Q2691-08	VX047164.D	28 Jul 2025 14:46	JC/MD	Ok,M
15	Q2681-01DL	VX047165.D	28 Jul 2025 15:07	JC/MD	Ok
16	Q2706-02	VX047166.D	28 Jul 2025 15:28	JC/MD	Ok,M
17	Q2706-04	VX047167.D	28 Jul 2025 15:50	JC/MD	Ok,M
18	Q2703-04	VX047168.D	28 Jul 2025 16:11	JC/MD	Ok,M
19	VSTDCCC050	VX047169.D	28 Jul 2025 16:39	JC/MD	Ok,M

M : Manual Integration

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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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072525

Review By	John Carlone	Review On	7/28/2025 8:34:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/28/2025 2:58:07 PM		
SubDirectory	VX072525	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134915,VP134918
Initial Calibration Stds	
CCC	VP134916,VP134917
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	VX047127.D	25 Jul 2025 08:40		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047128.D	25 Jul 2025 09:40	pH#Lot#V12668	JC/MD	Ok,M
3	VX0725MBL01	VX0725MBL01	VX047129.D	25 Jul 2025 10:08		JC/MD	Ok
4	VX0725WBL01	VX0725WBL01	VX047130.D	25 Jul 2025 10:29		JC/MD	Ok
5	VX0725MBS01	VX0725MBS01	VX047131.D	25 Jul 2025 10:50		JC/MD	Ok,M
6	VX0725WBS01	VX0725WBS01	VX047132.D	25 Jul 2025 11:17		JC/MD	Ok,M
7	Q2655-01MEDL	SOILMEDL	VX047133.D	25 Jul 2025 11:38	Run @ lower dilution	JC/MD	Not Ok
8	VX0725WBSD01	VX0725WBSD01	VX047134.D	25 Jul 2025 12:00		JC/MD	Ok,M
9	IBLK	IBLK	VX047135.D	25 Jul 2025 12:21		JC/MD	Ok
10	Q2693-01	STORAGE-BLANK-SO	VX047136.D	25 Jul 2025 12:42	vial A pH<2 Internal Standard Fail	JC/MD	ReRun
11	Q2693-02	STORAGE-BLANK-WA	VX047137.D	25 Jul 2025 13:04	vial A pH<2 Internal Standard Fail	JC/MD	ReRun
12	Q2693-03	STORAGE-BLANK-WA	VX047138.D	25 Jul 2025 13:25	vial A pH<2 Internal Standard Fail	JC/MD	ReRun
13	Q2693-04	STORAGE-BLANK-SA	VX047139.D	25 Jul 2025 13:47	vial A pH<2	JC/MD	Ok
14	Q2655-01ME	SOILME	VX047140.D	25 Jul 2025 14:08		JC/MD	Ok,M
15	BFB	BFB	VX047141.D	25 Jul 2025 14:30		JC/MD	Ok
16	VSTDICC005	VSTDICC005	VX047142.D	25 Jul 2025 15:18	Not used	JC/MD	Not Ok
17	VSTDICCC020	VSTDICCC020	VX047143.D	25 Jul 2025 15:40	First internal peak not good in all point	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072525

Review By	John Carlone	Review On	7/28/2025 8:34:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/28/2025 2:58:07 PM		
SubDirectory	VX072525	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134915,VP134918
Initial Calibration Stds	
CCC	VP134916,VP134917
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDICC050	VSTDICC050	VX047144.D	25 Jul 2025 16:01		JC/MD	Ok,M
19	VSTDICC100	VSTDICC100	VX047145.D	25 Jul 2025 16:23	Method failed com.#56,77	JC/MD	Ok,M
20	VSTDICC150	VSTDICC150	VX047146.D	25 Jul 2025 16:44		JC/MD	Ok,M
21	IBLK	IBLK	VX047147.D	25 Jul 2025 17:06		JC/MD	Ok,M
22	VSTDICC005	VSTDICC005	VX047148.D	25 Jul 2025 17:27		JC/MD	Ok,M
23	VSTDICCC020	VSTDICCC020	VX047149.D	25 Jul 2025 17:49	Not used	JC/MD	Not Ok
24	VSTDICV020	ICVVX072525	VX047150.D	25 Jul 2025 18:10	ICV failed for com.# 53,56	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072825

Review By	John Carlone	Review On	7/29/2025 8:49:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:09:18 PM		
SubDirectory	VX072825	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134919
Initial Calibration Stds	
CCC	VP134920,VP134921
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	VX047151.D	28 Jul 2025 08:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047152.D	28 Jul 2025 09:23	pH#Lot#V12668	JC/MD	Ok,M
3	VX0728MBL01	VX0728MBL01	VX047153.D	28 Jul 2025 09:58		JC/MD	Ok
4	VX0728WBL01	VX0728WBL01	VX047154.D	28 Jul 2025 10:19		JC/MD	Ok
5	VX0728WBS01	VX0728WBS01	VX047155.D	28 Jul 2025 10:45		JC/MD	Ok,M
6	VX0728WBSD01	VX0728WBSD01	VX047156.D	28 Jul 2025 11:11		JC/MD	Ok,M
7	IBLK	IBLK	VX047157.D	28 Jul 2025 11:32		JC/MD	Ok
8	Q2693-01	STORAGE-BLANK-SO	VX047158.D	28 Jul 2025 11:53	vial B pH<2	JC/MD	Ok
9	Q2693-02	STORAGE-BLANK-WA	VX047159.D	28 Jul 2025 12:20	vial B pH<2	JC/MD	Ok
10	Q2693-03	STORAGE-BLANK-WA	VX047160.D	28 Jul 2025 13:16	vial B pH<2	JC/MD	Ok
11	PB169005TB	PB169005TB	VX047161.D	28 Jul 2025 13:42		JC/MD	Ok
12	Q2681-01	NYPA-POUCH-SPENT	VX047162.D	28 Jul 2025 14:03	vial A pH#5.0 Surrogate fail;Need 5X	JC/MD	Dilution
13	Q2691-02	295	VX047163.D	28 Jul 2025 14:24	vial A pH#5.0	JC/MD	Ok
14	Q2691-08	299	VX047164.D	28 Jul 2025 14:46	vial A pH#5.0	JC/MD	Ok,M
15	Q2681-01DL	NYPA-POUCH-SPENT	VX047165.D	28 Jul 2025 15:07	vial B pH#5.0	JC/MD	Ok
16	Q2706-02	RT-5417	VX047166.D	28 Jul 2025 15:28	vial A pH#5.0	JC/MD	Ok,M
17	Q2706-04	ETGI-361	VX047167.D	28 Jul 2025 15:50	vial A pH#5.0	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072825

Review By	John Carlone	Review On	7/29/2025 8:49:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/29/2025 12:09:18 PM		
SubDirectory	VX072825	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134919
Initial Calibration Stds	
CCC	VP134920,VP134921
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2703-04	TP-4	VX047168.D	28 Jul 2025 16:11	vial A pH#5.0	JC/MD	Ok,M
19	VSTDCCC050	VSTDCCC050EC	VX047169.D	28 Jul 2025 16:39		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/28/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:35
In Date: 07/25/2025
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: 07/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136620

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
Q2693-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2693-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2693-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2693-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2693-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q2693-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q2693-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q2693-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q2693-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q2693-14	PCB-GCP2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q2700-01	EO-03-072525	11	1.15	10.40	11.55	11.04	95.1	
Q2700-02	EO-03-072525-E2	12	1.15	10.44	11.59	10.99	94.3	
Q2701-01	PIPE-1	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-02	PIPE-2	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-03	PIPE-3	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-04	PIPE-4	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-05	PIPE-5	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-06	PIPE-6	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-07	PIPE-7	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2701-08	PIPE-8	20	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2703-01	TP-4	21	1.18	10.76	11.94	7.94	62.8	
Q2703-02	TP-4-EPH	22	1.14	10.51	11.65	8.13	66.5	
Q2703-03	TP-4-VOC	23	1.19	10.68	11.87	7.74	61.3	
Q2705-01	FG1A	24	1.17	10.38	11.55	10.65	91.3	
Q2705-02	FG1B	25	1.18	10.10	11.28	9.86	85.9	
Q2705-03	FG2A	26	1.12	10.14	11.26	11.00	97.4	
Q2705-04	FG2B	27	1.18	10.81	11.99	10.6	87.1	
Q2705-05	FG2C	28	1.13	10.39	11.52	10.00	85.4	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/28/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:35
In Date: 07/25/2025
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: 07/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136620

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
Q2706-01	RT-5417	29	1.15	10.60	11.75	10.92	92.2	
Q2706-03	ETGI-361	30	1.19	10.63	11.82	10.3	85.7	
Q2707-01	OILY-SPEEDY-DRY	31	1.14	10.64	11.78	10.84	91.2	
Q2707-02	OILY-DEBRIS	32	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2708-01	OILY-DEBRIS-DRUM	33	1.00	1.00	2.00	2.00	100.0	OILY SONE-DEBRIS

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

WORKLIST(Hardcopy Internal Chain)

VB73620

WorkList Name : %1-072525 **WorkList ID :** 190946 **Department :** Wet-Chemistry **Date :** 07-25-2025 08:01:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2693-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2693-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/18/2025	Chemtech -SO
Q2700-01	EO-03-072525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	07/25/2025	Chemtech -SO
Q2700-02	EO-03-072525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	07/25/2025	Chemtech -SO
Q2701-01	PIPE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-02	PIPE-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-03	PIPE-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-04	PIPE-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-05	PIPE-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-06	PIPE-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-07	PIPE-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2701-08	PIPE-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2703-01	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO

Date/Time 07/25/25 15:00

Raw Sample Received by: [signature] (WDC)

Raw Sample Relinquished by: [signature]

Date/Time 07/25/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] (WDC)

WORKLIST(Hardcopy Internal Chain)

VB 136620

WorkList Name : %1-072525 **WorkList ID :** 190946 **Department :** Wet-Chemistry **Date :** 07-25-2025 08:01:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2703-02	TP-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2703-03	TP-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/25/2025	Chemtech -SO
Q2705-01	FG1A	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	07/25/2025	Chemtech -SO
Q2705-02	FG1B	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	07/25/2025	Chemtech -SO
Q2705-03	FG2A	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	07/25/2025	Chemtech -SO
Q2705-04	FG2B	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	07/25/2025	Chemtech -SO
Q2705-05	FG2C	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	07/25/2025	Chemtech -SO
Q2706-01	RT-5417	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/25/2025	Chemtech -SO
Q2706-03	ETGI-361	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/25/2025	Chemtech -SO
Q2707-01	OILY-SPEEDY-DRY	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/25/2025	Chemtech -SO
Q2707-02	OILY-DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/25/2025	Chemtech -SO
Q2708-01	OILY-DEBRIS-DRUM	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/25/2025	Chemtech -SO

Date/Time 07/25/25 15:00
Raw Sample Received by: SB (WC)
Raw Sample Relinquished by: CA SM

Date/Time 07/25/25 17:30
Raw Sample Received by: CA SM
Raw Sample Relinquished by: SB (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: Q2693

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Alliance Technical Group	PROJECT NAME: Weekly Storage Blanks	BILL TO:Same PO#
ADDRESS: 284 Sheffield Street	PROJECT #: LOCATION:	ADDRESS:
CITY Mountainside STATE: NJ ZIP:07092	PROJECT MANAGER:	CITY: STATE: ZIP:
ATTENTION: QA Officer	E-MAIL:	ATTENTION: PHONE:
PHOt 908-789-8900 FAX:908-788-9222	PHONE: FAX:	

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

	VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					
	1	2	3	4	5	6	7	8	9
A/E									
PRESERVATIVES	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	07/25/25	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: Q2693

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP:07092
ATTENTION: QA Officer
PHOt 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	COMMENTS
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.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	07/25/25 1:00	
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 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