284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2480

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GPX1**								
Q2480-01	GPX1	SOIL	Methylene Chloride		3.80	JQ	2.40	6.90	ug/Kg
			Total Voc :		3.80				
			Total Concentration:		3.80				
Client ID:	**GPX2**								
Q2480-02	GPX2	SOIL	Methylene Chloride		10.3	Q	3.20	9.10	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane		230	E	0.72	4.50	ug/Kg
Q2480-02	GPX2	SOIL	Methylcyclohexane		780	E	0.82	4.50	ug/Kg
Q2480-02	GPX2	SOIL	Tetrachloroethene		4.60		0.95	4.50	ug/Kg
Q2480-02	GPX2	SOIL	Ethyl Benzene		10.4		0.61	4.50	ug/Kg
Q2480-02	GPX2	SOIL	m/p-Xylenes		40.5		1.10	9.10	ug/Kg
Q2480-02	GPX2	SOIL	o-Xylene		97.8		0.74	4.50	ug/Kg
Q2480-02	GPX2	SOIL	Isopropylbenzene		24.2		0.71	4.50	ug/Kg
			Total Voc :		1200				
Q2480-02	GPX2	SOIL	Octane	*	210	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Heptane	*	65.4	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Heptane, 3-methyl-	*	84.3	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Heptane, 2-methyl-	*	56.7	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	2-Acetylcyclopentanone	*	160	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane, ethyl-	*	110	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane, propyl-	*	55.0	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane, 1,3,5-trimethyl-	*	100	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane, 1,3-dimethyl-, tra	*	100	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Heptane, 2,5-dimethyl-	*	47.3	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Octane, 3-methyl-	*	90.7	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclopentane, 1,3-dimethyl-, ci	*	44.8	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Octane, 2-methyl-	*	50.8	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	69.2	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	Cyclooctene, 3-methyl-	*	82.0	J	0	0	ug/Kg
Q2480-02	GPX2	SOIL	1,3,5-Trimethylbenzene	*	490	J	0.74	4.50	ug/Kg
Q2480-02	GPX2	SOIL	tert-Butylbenzene	*	4.40	J	0.61	4.50	ug/Kg
Q2480-02	GPX2	SOIL	1,2,4-Trimethylbenzene	*	53.5	J	0.58	4.50	ug/Kg
Q2480-02	GPX2	SOIL	sec-Butylbenzene	*	16.7	J	0.60	4.50	ug/Kg
Q2480-02	GPX2	SOIL	p-Isopropyltoluene	*	51.8	J	0.56	4.50	ug/Kg
Q2480-02	GPX2	SOIL	n-Butylbenzene	*	4.40	J	1.30	4.50	ug/Kg
Q2480-02	GPX2	SOIL	Naphthalene	*	110	J	2.30	4.50	ug/Kg
			Total Tics :		2060				

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Hit Summary Sheet
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SDG No.: Q2480

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		3250				
Client ID:	**GPX2ME**								
Q2480-02ME	GPX2ME	SOIL	Cyclohexane		160	JD	34.0	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Methylcyclohexane		840	D	39.2	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Benzene		50.7	JD	34.0	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Toluene		52.4	JD	33.6	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Tetrachloroethene		61.9	JD	45.2	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Ethyl Benzene		340	D	28.9	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	m/p-Xylenes		1200	D	53.4	430	ug/Kg
Q2480-02ME	GPX2ME	SOIL	o-Xylene		66.0	JD	35.3	220	ug/Kg
Q2480-02ME	GPX2ME	SOIL	Isopropylbenzene		110	JD	33.6	220	ug/Kg
			Total Voc :		2880				
			Total Concentration:		2880				
Client ID:	**GPX3**								
Q2480-03	GPX3	SOIL	Methylene Chloride		9.00	Q	2.90	8.10	ug/Kg
			Total Voc :		9.00				
Q2480-03	GPX3	SOIL	1,3,5-Trimethylbenzene	*	1.00	J	0.67	4.10	ug/Kg
			Total Tics :		1.00				
			Total Concentration:		10.0				
Client ID:	**GPX4**								
Q2480-04	GPX4	SOIL	Acetone		16.6	J	3.70	19.3	ug/Kg
Q2480-04	GPX4	SOIL	Methylene Chloride		7.60	J	2.70	7.70	ug/Kg
Q2480-04	GPX4	SOIL	Cyclohexane		41.1		0.61	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Methylcyclohexane		43.0		0.70	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Benzene		4.20		0.61	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Toluene		10.7		0.60	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Ethyl Benzene		230	E	0.52	3.90	ug/Kg
Q2480-04	GPX4	SOIL	m/p-Xylenes		160		0.96	7.70	ug/Kg
Q2480-04	GPX4	SOIL	o-Xylene		6.70		0.63	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Isopropylbenzene		14.3		0.60	3.90	ug/Kg
			Total Voc :		534				
Q2480-04	GPX4	SOIL	unknown10.508	*	7.20	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Cyclopentane, methyl-	*	25.0	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	n-Hexane	*	9.10	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Cyclohexene	*	13.2	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Heptane	*	6.20	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Cyclopentene, 1,2,3-trimethyl-	*	6.90	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Indane	*	25.9	J	0	0	ug/Kg

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Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2480-04	GPX4	SOIL	Cyclohexene, 1-methyl-	*	14.6	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Benzene, 1-ethyl-2-methyl-	*	7.60	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Benzene, 1-ethyl-3-methyl-	*	8.50	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Cyclopentene, 1-methyl-	*	15.0	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Indan, 1-methyl-	*	6.30	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Cyclobutane, (1-methylethylide	*	10.2	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	Benzene, 1-ethenyl-4-ethyl-	*	8.50	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	2-Pentene, 4-methyl-	*	6.90	J	0	0	ug/Kg
Q2480-04	GPX4	SOIL	n-propylbenzene	*	20.9	J	0.56	3.90	ug/Kg
Q2480-04	GPX4	SOIL	1,3,5-Trimethylbenzene	*	19.0	J	0.63	3.90	ug/Kg
Q2480-04	GPX4	SOIL	1,2,4-Trimethylbenzene	*	52.4	J	0.50	3.90	ug/Kg
Q2480-04	GPX4	SOIL	p-Isopropyltoluene	*	1.30	J	0.48	3.90	ug/Kg
Q2480-04	GPX4	SOIL	Naphthalene	*	60.9	J	2.00	3.90	ug/Kg
			Total Tics :		326				
			Total Concentration:		860				
Client ID:	**GPX4ME**								
Q2480-04ME	GPX4ME	SOIL	Cyclohexane		71.3	JD	28.7	180	ug/Kg
Q2480-04ME	GPX4ME	SOIL	Methylcyclohexane		110	JD	33.1	180	ug/Kg
Q2480-04ME	GPX4ME	SOIL	Toluene		38.0	JD	28.3	180	ug/Kg
Q2480-04ME	GPX4ME	SOIL	Ethyl Benzene		430	D	24.3	180	ug/Kg
Q2480-04ME	GPX4ME	SOIL	m/p-Xylenes		75.9	JD	45.0	360	ug/Kg
			Total Voc :		725				
			Total Concentration:		725				
Client ID:	**GPX5**								
Q2480-05	GPX5	SOIL	Methylcyclohexane		8500		300	1600	ug/Kg
Q2480-05	GPX5	SOIL	Ethyl Benzene		11600		220	1600	ug/Kg
Q2480-05	GPX5	SOIL	m/p-Xylenes		14000		400	3300	ug/Kg
Q2480-05	GPX5	SOIL	Isopropylbenzene		3200		250	1600	ug/Kg
			Total Voc :		37300				
Q2480-05	GPX5	SOIL	Benzene, 1,2,4,5-tetramethyl-	*	18800	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Octane	*	17500	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Nonane	*	26700	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, 1,2,3,5-tetramethyl-	*	15800	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	o-Cymene	*	13200	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Heptane, 2-methyl-	*	13000	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, 1-ethyl-2-methyl-	*	27300	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, 1-ethyl-4-methyl-	*	27000	J	0	0	ug/Kg

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SDG No.: Q2480

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2480-05	GPX5	SOIL	Indan, 1-methyl-	*	21900	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, (2-methyl-1-propenyl	*	15100	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, 2-ethyl-1,4-dimethyl-	*	15500	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Octane, 4-methyl-	*	21100	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Benzene, 2-ethyl-1,3-dimethyl-	*	25700	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Nonane, 3-methyl-	*	14100	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	*	28000	J	0	0	ug/Kg
Q2480-05	GPX5	SOIL	n-propylbenzene	*	10700	J	240	1600	ug/Kg
Q2480-05	GPX5	SOIL	1,3,5-Trimethylbenzene	*	21600	J	270	1600	ug/Kg
Q2480-05	GPX5	SOIL	1,2,4-Trimethylbenzene	*	84000	J	210	1600	ug/Kg
Q2480-05	GPX5	SOIL	sec-Butylbenzene	*	1800	J	210	1600	ug/Kg
Q2480-05	GPX5	SOIL	p-Isopropyltoluene	*	1600	J	200	1600	ug/Kg
Q2480-05	GPX5	SOIL	n-Butylbenzene	*	5400	J	470	1600	ug/Kg
Q2480-05	GPX5	SOIL	Naphthalene	*	14600	J	840	1600	ug/Kg
Q2480-05	GPX5	SOIL	Methyl Iodide	*	340	J	300	1600	ug/Kg
			Total Tics :		441000				
			Total Concentration:		478000				
Client ID:	**GPX6**								
Q2480-06	GPX6	SOIL	Carbon Disulfide		1.70	J	1.10	5.20	ug/Kg
Q2480-06	GPX6	SOIL	Methylcyclohexane		290	E	0.95	5.20	ug/Kg
Q2480-06	GPX6	SOIL	Benzene		2.80	J	0.82	5.20	ug/Kg
Q2480-06	GPX6	SOIL	Ethyl Benzene		170	E	0.70	5.20	ug/Kg
Q2480-06	GPX6	SOIL	m/p-Xylenes		310		1.30	10.4	ug/Kg
Q2480-06	GPX6	SOIL	Isopropylbenzene		51.7		0.81	5.20	ug/Kg
			Total Voc :		826				
Q2480-06	GPX6	SOIL	Hexane, 3-methyl-	*	200	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Heptane, 3-methyl-	*	370	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Pentane, 3-ethyl-2-methyl-	*	220	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Benzene, 1-methyl-2-(2-propen	*	220	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclohexane, ethyl-	*	300	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Benzene, 2-ethyl-1,4-dimethyl-	*	210	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclohexane, 1,3,5-trimethyl-,	*	340	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclohexane, 1,2-dimethyl-, cis	*	300	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclohexane, 1,4-dimethyl-, tra	*	340	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Heptane, 2,5-dimethyl-	*	270	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Octane, 3-methyl-	*	270	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Octane, 4-methyl-	*	230	J	0	0	ug/Kg

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SDG No.: Q2480

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2480-06	GPX6	SOIL	1-Ethyl-4-methylcyclohexane	*	280	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	200	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	Cyclooctene, 3-methyl-	*	320	J	0	0	ug/Kg
Q2480-06	GPX6	SOIL	n-propylbenzene	*	160	J	0.76	5.20	ug/Kg
Q2480-06	GPX6	SOIL	1,3,5-Trimethylbenzene	*	260	J	0.86	5.20	ug/Kg
Q2480-06	GPX6	SOIL	1,2,4-Trimethylbenzene	*	780	J	0.67	5.20	ug/Kg
Q2480-06	GPX6	SOIL	sec-Butylbenzene	*	75.0	J	0.69	5.20	ug/Kg
Q2480-06	GPX6	SOIL	p-Isopropyltoluene	*	34.3	J	0.65	5.20	ug/Kg
Q2480-06	GPX6	SOIL	n-Butylbenzene	*	80.4	J	1.50	5.20	ug/Kg
Q2480-06	GPX6	SOIL	Naphthalene	*	110	J	2.70	5.20	ug/Kg
			Total Tics :		5570				
			Total Concentration:		6400				
Client ID:	**GPX6ME**								
Q2480-06ME	GPX6ME	SOIL	Methylcyclohexane		2000	JD	420	2300	ug/Kg
Q2480-06ME	GPX6ME	SOIL	Ethyl Benzene		690	JD	310	2300	ug/Kg
			Total Voc :		2690				
			Total Concentration:		2690				
Client ID:	**GPX7**								
Q2480-07	GPX7	SOIL	Carbon Disulfide		0.90	J	0.69	3.30	ug/Kg
Q2480-07	GPX7	SOIL	Cyclohexane		450	E	0.52	3.30	ug/Kg
Q2480-07	GPX7	SOIL	Methylcyclohexane		1500	E	0.60	3.30	ug/Kg
Q2480-07	GPX7	SOIL	Benzene		3.70		0.52	3.30	ug/Kg
Q2480-07	GPX7	SOIL	m/p-Xylenes		12.7		0.81	6.60	ug/Kg
Q2480-07	GPX7	SOIL	o-Xylene		9.60		0.54	3.30	ug/Kg
			Total Voc :		1980				
Q2480-07	GPX7	SOIL	unknown10.514	*	210	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	unknown10.849	*	38.3	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Heptane	*	42.9	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Heptane, 3-methyl-	*	55.3	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Cyclohexene, 3,5-dimethyl-	*	120	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Heptane, 2,6-dimethyl-	*	60.2	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Decane, 5,6-dimethyl-	*	44.5	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Cyclohexane, ethyl-	*	120	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Heptane, 2,4-dimethyl-	*	150	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Octane, 3-methyl-	*	74.3	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	85.9	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	89.5	J	0	0	ug/Kg

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Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2480-07	GPX7	SOIL	Cyclooctene, 3-methyl-	*	89.3	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	1,4-Hexadiene, 2,3-dimethyl-	*	170	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	Methyl ethyl cyclopentene	*	48.2	J	0	0	ug/Kg
Q2480-07	GPX7	SOIL	1,3,5-Trimethylbenzene	*	180	J	0.54	3.30	ug/Kg
Q2480-07	GPX7	SOIL	tert-Butylbenzene	*	6.00	J	0.44	3.30	ug/Kg
Q2480-07	GPX7	SOIL	1,2,4-Trimethylbenzene	*	3.50	J	0.42	3.30	ug/Kg
Q2480-07	GPX7	SOIL	sec-Butylbenzene	*	19.1	J	0.43	3.30	ug/Kg
Q2480-07	GPX7	SOIL	p-Isopropyltoluene	*	41.2	J	0.41	3.30	ug/Kg
			Total Tics :		1650				
			Total Concentration:		3630				
Client ID:	**GPX7ME**								
Q2480-07ME	GPX7ME	SOIL	Cyclohexane		4500	D	290	1800	ug/Kg
Q2480-07ME	GPX7ME	SOIL	Methylcyclohexane		14900	D	330	1800	ug/Kg
Q2480-07ME	GPX7ME	SOIL	Ethyl Benzene		11100	D	240	1800	ug/Kg
Q2480-07ME	GPX7ME	SOIL	m/p-Xylenes		3600	D	450	3600	ug/Kg
Q2480-07ME	GPX7ME	SOIL	Isopropylbenzene		2500	D	280	1800	ug/Kg
			Total Voc :		36600				
			Total Concentration:		36600				
Client ID:	**GPX8**								
Q2480-08	GPX8	SOIL	Cyclohexane		3300		250	1600	ug/Kg
Q2480-08	GPX8	SOIL	Methylcyclohexane		11600		290	1600	ug/Kg
Q2480-08	GPX8	SOIL	Ethyl Benzene		10200		210	1600	ug/Kg
Q2480-08	GPX8	SOIL	m/p-Xylenes		11800		400	3200	ug/Kg
Q2480-08	GPX8	SOIL	Isopropylbenzene		2800		250	1600	ug/Kg
			Total Voc :		39700				
Q2480-08	GPX8	SOIL	Naphthalene, 2-methyl-	*	11800	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1,2,4-trimethyl-	*	24400	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1,2,4,5-tetramethyl-	*	13500	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Octane	*	12600	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Nonane	*	12600	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1,2-diethyl-	*	24100	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1,2,3,5-tetramethyl-	*	17600	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	o-Cymene	*	23600	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1-methyl-3-(1-methyl	*	12100	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1-ethyl-2-methyl-	*	22100	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Indan, 1-methyl-	*	11800	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 2-ethyl-1,4-dimethyl-	*	15000	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2480

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2480-08	GPX8	SOIL	Octane, 4-methyl-	*	15000	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1-ethenyl-4-ethyl-	*	19400	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	Benzene, 1-ethenyl-3-ethyl-	*	13400	J	0	0	ug/Kg
Q2480-08	GPX8	SOIL	n-propylbenzene	*	9100	J	230	1600	ug/Kg
Q2480-08	GPX8	SOIL	1,3,5-Trimethylbenzene	*	17500	J	260	1600	ug/Kg
Q2480-08	GPX8	SOIL	1,2,4-Trimethylbenzene	*	80100	J	210	1600	ug/Kg
Q2480-08	GPX8	SOIL	sec-Butylbenzene	*	1400	J	210	1600	ug/Kg
Q2480-08	GPX8	SOIL	p-Isopropyltoluene	*	1400	J	200	1600	ug/Kg
Q2480-08	GPX8	SOIL	n-Butylbenzene	*	4700	J	460	1600	ug/Kg
Q2480-08	GPX8	SOIL	Naphthalene	*	12500	J	820	1600	ug/Kg
			Total Tics :		376000				
			Total Concentration:		415000				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX1	SDG No.:	Q2480
Lab Sample ID:	Q2480-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.3
Sample Wt/Vol:	8.26 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022966.D	1	07/07/25 17:32	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.78	U	0.78	3.40	ug/Kg
74-87-3	Chloromethane	0.78	U	0.78	3.40	ug/Kg
75-01-4	Vinyl Chloride	0.54	U	0.54	3.40	ug/Kg
74-83-9	Bromomethane	0.73	U	0.73	3.40	ug/Kg
75-00-3	Chloroethane	0.86	U	0.86	3.40	ug/Kg
75-69-4	Trichlorofluoromethane	0.83	U	0.83	3.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.73	U	0.73	3.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.69	U	0.69	3.40	ug/Kg
67-64-1	Acetone	3.20	U	3.20	17.1	ug/Kg
75-15-0	Carbon Disulfide	0.73	U	0.73	3.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.50	3.40	ug/Kg
79-20-9	Methyl Acetate	1.10	U	1.10	3.40	ug/Kg
75-09-2	Methylene Chloride	3.80	JQ	2.40	6.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.59	U	0.59	3.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	3.40	ug/Kg
110-82-7	Cyclohexane	0.54	U	0.54	3.40	ug/Kg
78-93-3	2-Butanone	4.50	U	4.50	17.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.66	U	0.66	3.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.51	U	0.51	3.40	ug/Kg
74-97-5	Bromochloromethane	0.79	U	0.79	3.40	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	3.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.64	U	0.64	3.40	ug/Kg
108-87-2	Methylcyclohexane	0.62	U	0.62	3.40	ug/Kg
71-43-2	Benzene	0.54	U	0.54	3.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.54	U	0.54	3.40	ug/Kg
79-01-6	Trichloroethene	0.56	U	0.56	3.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.62	3.40	ug/Kg
75-27-4	Bromodichloromethane	0.53	U	0.53	3.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.50	U	2.50	17.1	ug/Kg
108-88-3	Toluene	0.53	U	0.53	3.40	ug/Kg

Raw Data: **VY022966.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX1	SDG No.:	Q2480
Lab Sample ID:	Q2480-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.3
Sample Wt/Vol:	8.26 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022966.D	1	07/07/25 17:32	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.45	U	0.45	3.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.43	U	0.43	3.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.63	U	0.63	3.40	ug/Kg
591-78-6	2-Hexanone	2.50	U	2.50	17.1	ug/Kg
124-48-1	Dibromochloromethane	0.60	U	0.60	3.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.60	U	0.60	3.40	ug/Kg
127-18-4	Tetrachloroethene	0.72	U	0.72	3.40	ug/Kg
108-90-7	Chlorobenzene	0.62	U	0.62	3.40	ug/Kg
100-41-4	Ethyl Benzene	0.46	U	0.46	3.40	ug/Kg
179601-23-1	m/p-Xylenes	0.85	U	0.85	6.90	ug/Kg
95-47-6	o-Xylene	0.56	U	0.56	3.40	ug/Kg
100-42-5	Styrene	0.49	U	0.49	3.40	ug/Kg
75-25-2	Bromoform	0.59	U	0.59	3.40	ug/Kg
98-82-8	Isopropylbenzene	0.53	U	0.53	3.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.83	U	0.83	3.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.20	U	1.20	3.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	3.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.99	U	0.99	3.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.30	U	1.30	3.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	3.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.20	U	2.20	3.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		17 - 146	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283000	7.707			
540-36-3	1,4-Difluorobenzene	548000	8.616			
3114-55-4	Chlorobenzene-d5	553000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	231000	13.346			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX1	SDG No.:	Q2480
Lab Sample ID:	Q2480-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.3
Sample Wt/Vol:	8.26 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022966.D	1	07/07/25 17:32	VY070725

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

Raw Data: **VY022983.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2	SDG No.:	Q2480
Lab Sample ID:	Q2480-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022983.D	1	07/08/25 18:10	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	4.50	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.72	U	0.72	4.50	ug/Kg
74-83-9	Bromomethane	0.97	U	0.97	4.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.96	U	0.96	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.91	U	0.91	4.50	ug/Kg
67-64-1	Acetone	4.30	U	4.30	22.7	ug/Kg
75-15-0	Carbon Disulfide	0.96	U	0.96	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.66	U	0.66	4.50	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.50	ug/Kg
75-09-2	Methylene Chloride	10.3	Q	3.20	9.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.72	U	0.72	4.50	ug/Kg
110-82-7	Cyclohexane	230	E	0.72	4.50	ug/Kg
78-93-3	2-Butanone	5.90	U	5.90	22.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.88	U	0.88	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.68	U	0.68	4.50	ug/Kg
74-97-5	Bromochloromethane	1.00	U	1.00	4.50	ug/Kg
67-66-3	Chloroform	0.76	U	0.76	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.84	U	0.84	4.50	ug/Kg
108-87-2	Methylcyclohexane	780	E	0.82	4.50	ug/Kg
71-43-2	Benzene	0.72	U	0.72	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	4.50	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.82	U	0.82	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.71	U	0.71	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.20	U	3.20	22.7	ug/Kg
108-88-3	Toluene	0.71	U	0.71	4.50	ug/Kg

Raw Data: **VY022983.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2	SDG No.:	Q2480
Lab Sample ID:	Q2480-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022983.D	1	07/08/25 18:10	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.83	U	0.83	4.50	ug/Kg
591-78-6	2-Hexanone	3.30	U	3.30	22.7	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	0.79	4.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.80	U	0.80	4.50	ug/Kg
127-18-4	Tetrachloroethene	4.60		0.95	4.50	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	4.50	ug/Kg
100-41-4	Ethyl Benzene	10.4		0.61	4.50	ug/Kg
179601-23-1	m/p-Xylenes	40.5		1.10	9.10	ug/Kg
95-47-6	o-Xylene	97.8		0.74	4.50	ug/Kg
100-42-5	Styrene	0.64	U	0.64	4.50	ug/Kg
75-25-2	Bromoform	0.78	U	0.78	4.50	ug/Kg
98-82-8	Isopropylbenzene	24.2		0.71	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.50	4.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.40	U	1.40	4.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	4.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	4.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.70	U	2.70	4.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.90	U	2.90	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	81.4	*	74 - 123	163%	SPK: 50
460-00-4	4-Bromofluorobenzene	110	*	17 - 146	226%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	7.707			
540-36-3	1,4-Difluorobenzene	600000	8.616			
3114-55-4	Chlorobenzene-d5	719000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	368000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VY022983.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2	SDG No.:	Q2480
Lab Sample ID:	Q2480-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.18 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022983.D	1	07/08/25 18:10	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	44.8	J		8.20	ug/Kg
000142-82-5	Heptane	65.4	J		8.47	ug/Kg
000592-27-8	Heptane, 2-methyl-	56.7	J		9.75	ug/Kg
000589-81-1	Heptane, 3-methyl-	84.3	J		9.88	ug/Kg
000111-65-9	Octane	210	J		10.3	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	69.2	J		10.4	ug/Kg
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	100	J		10.5	ug/Kg
003221-61-2	Octane, 2-methyl-	50.8	J		10.7	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	47.3	J		10.8	ug/Kg
001678-91-7	Cyclohexane, ethyl-	110	J		11.0	ug/Kg
001839-63-0	Cyclohexane, 1,3,5-trimethyl-	100	J		11.0	ug/Kg
001670-46-8	2-Acetylcyclopentanone	160	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	90.7	J		11.3	ug/Kg
013152-05-1	Cyclooctene, 3-methyl-	82.0	J		12.1	ug/Kg
001678-92-8	Cyclohexane, propyl-	55.0	J		12.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	490	J		12.7	ug/Kg
98-06-6	tert-Butylbenzene	4.40	J		13.0	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	53.5	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	16.7	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	51.8	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	4.40	J		13.6	ug/Kg
91-20-3	Naphthalene	110	J		15.1	ug/Kg

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-02ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046967.D	1	07/14/25 12:49	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	49.1	UD	49.1	220	ug/Kg
74-87-3	Chloromethane	49.1	UD	49.1	220	ug/Kg
75-01-4	Vinyl Chloride	34.0	UD	34.0	220	ug/Kg
74-83-9	Bromomethane	46.1	UD	46.1	220	ug/Kg
75-00-3	Chloroethane	54.3	UD	54.3	220	ug/Kg
75-69-4	Trichlorofluoromethane	52.1	UD	52.1	220	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	45.7	UD	45.7	220	ug/Kg
75-35-4	1,1-Dichloroethene	43.1	UD	43.1	220	ug/Kg
67-64-1	Acetone	200	UD	200	1100	ug/Kg
75-15-0	Carbon Disulfide	45.7	UD	45.7	220	ug/Kg
1634-04-4	Methyl tert-butyl Ether	31.4	UD	31.4	220	ug/Kg
79-20-9	Methyl Acetate	66.3	UD	66.3	220	ug/Kg
75-09-2	Methylene Chloride	150	UD	150	430	ug/Kg
156-60-5	trans-1,2-Dichloroethene	37.0	UD	37.0	220	ug/Kg
75-34-3	1,1-Dichloroethane	34.5	UD	34.5	220	ug/Kg
110-82-7	Cyclohexane	160	JD	34.0	220	ug/Kg
78-93-3	2-Butanone	280	UDQ	280	1100	ug/Kg
56-23-5	Carbon Tetrachloride	41.8	UD	41.8	220	ug/Kg
156-59-2	cis-1,2-Dichloroethene	32.3	UD	32.3	220	ug/Kg
74-97-5	Bromochloromethane	49.5	UD	49.5	220	ug/Kg
67-66-3	Chloroform	36.2	UD	36.2	220	ug/Kg
71-55-6	1,1,1-Trichloroethane	40.1	UD	40.1	220	ug/Kg
108-87-2	Methylcyclohexane	840	D	39.2	220	ug/Kg
71-43-2	Benzene	50.7	JD	34.0	220	ug/Kg
107-06-2	1,2-Dichloroethane	34.0	UD	34.0	220	ug/Kg
79-01-6	Trichloroethene	34.9	UD	34.9	220	ug/Kg
78-87-5	1,2-Dichloropropane	39.2	UD	39.2	220	ug/Kg
75-27-4	Bromodichloromethane	33.6	UD	33.6	220	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	UDQ	150	1100	ug/Kg
108-88-3	Toluene	52.4	JD	33.6	220	ug/Kg

Raw Data: **VX046967.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-02ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046967.D	1	07/14/25 12:49	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	28.0	UD	28.0	220	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	26.7	UD	26.7	220	ug/Kg
79-00-5	1,1,2-Trichloroethane	39.6	UD	39.6	220	ug/Kg
591-78-6	2-Hexanone	160	UDQ	160	1100	ug/Kg
124-48-1	Dibromochloromethane	37.5	UD	37.5	220	ug/Kg
106-93-4	1,2-Dibromoethane	37.9	UD	37.9	220	ug/Kg
127-18-4	Tetrachloroethene	61.9	JD	45.2	220	ug/Kg
108-90-7	Chlorobenzene	39.2	UD	39.2	220	ug/Kg
100-41-4	Ethyl Benzene	340	D	28.9	220	ug/Kg
179601-23-1	m/p-Xylenes	1200	D	53.4	430	ug/Kg
95-47-6	o-Xylene	66.0	JD	35.3	220	ug/Kg
100-42-5	Styrene	30.6	UD	30.6	220	ug/Kg
75-25-2	Bromoform	37.0	UD	37.0	220	ug/Kg
98-82-8	Isopropylbenzene	110	JD	33.6	220	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	52.1	UD	52.1	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	73.6	UD	73.6	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	67.2	UD	67.2	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.5	UD	62.5	220	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	79.2	UD	79.2	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	UD	130	220	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	140	UD	140	220	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	303000	5.556			
540-36-3	1,4-Difluorobenzene	512000	6.763			
3114-55-4	Chlorobenzene-d5	459000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	235000	12.024			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/30/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX2ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-02ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.3
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046967.D	1	07/14/25 12:49	VX071425

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

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3	SDG No.:	Q2480
Lab Sample ID:	Q2480-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022984.D	1	07/08/25 18:34	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.92	U	0.92	4.10	ug/Kg
74-87-3	Chloromethane	0.92	U	0.92	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.64	U	0.64	4.10	ug/Kg
74-83-9	Bromomethane	0.87	U	0.87	4.10	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.98	U	0.98	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.86	U	0.86	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.81	U	0.81	4.10	ug/Kg
67-64-1	Acetone	3.80	U	3.80	20.3	ug/Kg
75-15-0	Carbon Disulfide	0.86	U	0.86	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.10	ug/Kg
79-20-9	Methyl Acetate	1.20	U	1.20	4.10	ug/Kg
75-09-2	Methylene Chloride	9.00	Q	2.90	8.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	0.70	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	4.10	ug/Kg
110-82-7	Cyclohexane	0.64	U	0.64	4.10	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	20.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.79	U	0.79	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	4.10	ug/Kg
74-97-5	Bromochloromethane	0.93	U	0.93	4.10	ug/Kg
67-66-3	Chloroform	0.68	U	0.68	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.75	U	0.75	4.10	ug/Kg
108-87-2	Methylcyclohexane	0.74	U	0.74	4.10	ug/Kg
71-43-2	Benzene	0.64	U	0.64	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.64	U	0.64	4.10	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.74	U	0.74	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.90	U	2.90	20.3	ug/Kg
108-88-3	Toluene	0.63	U	0.63	4.10	ug/Kg

Raw Data: **VY022984.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3	SDG No.:	Q2480
Lab Sample ID:	Q2480-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022984.D	1	07/08/25 18:34	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.75	U	0.75	4.10	ug/Kg
591-78-6	2-Hexanone	3.00	U	3.00	20.3	ug/Kg
124-48-1	Dibromochloromethane	0.71	U	0.71	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.71	U	0.71	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.85	U	0.85	4.10	ug/Kg
108-90-7	Chlorobenzene	0.74	U	0.74	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.10	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	8.10	ug/Kg
95-47-6	o-Xylene	0.67	U	0.67	4.10	ug/Kg
100-42-5	Styrene	0.58	U	0.58	4.10	ug/Kg
75-25-2	Bromoform	0.70	U	0.70	4.10	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.63	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	1.30	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	2.40	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.60	U	2.60	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	51.3		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.4		17 - 146	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	293000	7.707			
540-36-3	1,4-Difluorobenzene	554000	8.616			
3114-55-4	Chlorobenzene-d5	566000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	268000	13.34			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VY022984.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3	SDG No.:	Q2480
Lab Sample ID:	Q2480-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022984.D	1	07/08/25 18:34	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-67-8	1,3,5-Trimethylbenzene	1.00	J		12.7	ug/Kg

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3RE	SDG No.:	Q2480
Lab Sample ID:	Q2480-03RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.78 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031795.D	1	07/10/25 12:19	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.95	U	0.95	4.20	ug/Kg
74-87-3	Chloromethane	0.95	U	0.95	4.20	ug/Kg
75-01-4	Vinyl Chloride	0.66	U	0.66	4.20	ug/Kg
74-83-9	Bromomethane	0.89	U	0.89	4.20	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.00	U	1.00	4.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.88	U	0.88	4.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.83	U	0.83	4.20	ug/Kg
67-64-1	Acetone	3.90	U	3.90	20.8	ug/Kg
75-15-0	Carbon Disulfide	0.88	U	0.88	4.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.61	U	0.61	4.20	ug/Kg
79-20-9	Methyl Acetate	1.30	U	1.30	4.20	ug/Kg
75-09-2	Methylene Chloride	2.90	U	2.90	8.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.72	U	0.72	4.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.67	U	0.67	4.20	ug/Kg
110-82-7	Cyclohexane	0.66	U	0.66	4.20	ug/Kg
78-93-3	2-Butanone	5.40	U	5.40	20.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.62	U	0.62	4.20	ug/Kg
74-97-5	Bromochloromethane	0.96	U	0.96	4.20	ug/Kg
67-66-3	Chloroform	0.70	U	0.70	4.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.77	U	0.77	4.20	ug/Kg
108-87-2	Methylcyclohexane	0.76	U	0.76	4.20	ug/Kg
71-43-2	Benzene	0.66	U	0.66	4.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.66	U	0.66	4.20	ug/Kg
79-01-6	Trichloroethene	0.67	U	0.67	4.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.76	U	0.76	4.20	ug/Kg
75-27-4	Bromodichloromethane	0.65	U	0.65	4.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.00	U	3.00	20.8	ug/Kg
108-88-3	Toluene	0.65	U	0.65	4.20	ug/Kg

Raw Data: **VW031795.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3RE	SDG No.:	Q2480
Lab Sample ID:	Q2480-03RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.78 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031795.D	1	07/10/25 12:19	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.54	U	0.54	4.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.52	U	0.52	4.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.76	U	0.76	4.20	ug/Kg
591-78-6	2-Hexanone	3.10	U	3.10	20.8	ug/Kg
124-48-1	Dibromochloromethane	0.72	U	0.72	4.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.73	U	0.73	4.20	ug/Kg
127-18-4	Tetrachloroethene	0.87	U	0.87	4.20	ug/Kg
108-90-7	Chlorobenzene	0.76	U	0.76	4.20	ug/Kg
100-41-4	Ethyl Benzene	0.56	U	0.56	4.20	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	8.30	ug/Kg
95-47-6	o-Xylene	0.68	U	0.68	4.20	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.20	ug/Kg
75-25-2	Bromoform	0.72	U	0.72	4.20	ug/Kg
98-82-8	Isopropylbenzene	0.65	U	0.65	4.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	1.30	4.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.50	U	2.50	4.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.60	U	2.60	4.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.9		63 - 155	78%	SPK: 50
1868-53-7	Dibromofluoromethane	37.7		70 - 134	75%	SPK: 50
2037-26-5	Toluene-d8	35.9	*	74 - 123	72%	SPK: 50
460-00-4	4-Bromofluorobenzene	32.2		17 - 146	64%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62800	7.959			
540-36-3	1,4-Difluorobenzene	120000	8.849			
3114-55-4	Chlorobenzene-d5	95400	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	38500	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX3RE	SDG No.:	Q2480
Lab Sample ID:	Q2480-03RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	6.78 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031795.D	1	07/10/25 12:19	VW071025

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

Raw Data: **VW031796.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4	SDG No.:	Q2480
Lab Sample ID:	Q2480-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031796.D	1	07/10/25 12:41	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	0.88	3.90	ug/Kg
74-87-3	Chloromethane	0.88	U	0.88	3.90	ug/Kg
75-01-4	Vinyl Chloride	0.61	U	0.61	3.90	ug/Kg
74-83-9	Bromomethane	0.83	U	0.83	3.90	ug/Kg
75-00-3	Chloroethane	0.98	U	0.98	3.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.94	U	0.94	3.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.82	U	0.82	3.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.77	U	0.77	3.90	ug/Kg
67-64-1	Acetone	16.6	J	3.70	19.3	ug/Kg
75-15-0	Carbon Disulfide	0.82	U	0.82	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	3.90	ug/Kg
79-20-9	Methyl Acetate	1.20	U	1.20	3.90	ug/Kg
75-09-2	Methylene Chloride	7.60	J	2.70	7.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.67	U	0.67	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	3.90	ug/Kg
110-82-7	Cyclohexane	41.1		0.61	3.90	ug/Kg
78-93-3	2-Butanone	5.10	U	5.10	19.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	0.75	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.58	U	0.58	3.90	ug/Kg
74-97-5	Bromochloromethane	0.89	U	0.89	3.90	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	3.90	ug/Kg
108-87-2	Methylcyclohexane	43.0		0.70	3.90	ug/Kg
71-43-2	Benzene	4.20		0.61	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.61	U	0.61	3.90	ug/Kg
79-01-6	Trichloroethene	0.63	U	0.63	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.70	U	0.70	3.90	ug/Kg
75-27-4	Bromodichloromethane	0.60	U	0.60	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.80	U	2.80	19.3	ug/Kg
108-88-3	Toluene	10.7		0.60	3.90	ug/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4	SDG No.:	Q2480
Lab Sample ID:	Q2480-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031796.D	1	07/10/25 12:41	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.50	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.48	U	0.48	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.71	U	0.71	3.90	ug/Kg
591-78-6	2-Hexanone	2.90	U	2.90	19.3	ug/Kg
124-48-1	Dibromochloromethane	0.67	U	0.67	3.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.68	U	0.68	3.90	ug/Kg
127-18-4	Tetrachloroethene	0.81	U	0.81	3.90	ug/Kg
108-90-7	Chlorobenzene	0.70	U	0.70	3.90	ug/Kg
100-41-4	Ethyl Benzene	230	E	0.52	3.90	ug/Kg
179601-23-1	m/p-Xylenes	160		0.96	7.70	ug/Kg
95-47-6	o-Xylene	6.70		0.63	3.90	ug/Kg
100-42-5	Styrene	0.55	U	0.55	3.90	ug/Kg
75-25-2	Bromoform	0.67	U	0.67	3.90	ug/Kg
98-82-8	Isopropylbenzene	14.3		0.60	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	0.94	3.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.30	U	1.30	3.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	3.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	3.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	3.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.30	U	2.30	3.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.50	U	2.50	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	50.1		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		17 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	7.965			
540-36-3	1,4-Difluorobenzene	381000	8.855			
3114-55-4	Chlorobenzene-d5	356000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VW031796.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4	SDG No.:	Q2480
Lab Sample ID:	Q2480-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031796.D	1	07/10/25 12:41	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000110-54-3	n-Hexane	9.10	J		5.97	ug/Kg
004461-48-7	2-Pentene, 4-methyl-	6.90	J		6.32	ug/Kg
000096-37-7	Cyclopentane, methyl-	25.0	J		7.01	ug/Kg
000693-89-0	Cyclopentene, 1-methyl-	15.0	J		7.71	ug/Kg
000110-83-8	Cyclohexene	13.2	J		8.46	ug/Kg
000142-82-5	Heptane	6.20	J		8.70	ug/Kg
001528-22-9	Cyclobutane, (1-methylethylidene)-	10.2	J		9.86	ug/Kg
000591-49-1	Cyclohexene, 1-methyl-	14.6	J		10.2	ug/Kg
	unknown10.508	7.20	J		10.5	ug/Kg
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	6.90	J		10.8	ug/Kg
103-65-1	n-propylbenzene	20.9	J		12.8	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	8.50	J		12.9	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	19.0	J		12.9	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	7.60	J		13.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	52.4	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	1.30	J		13.5	ug/Kg
000496-11-7	Indane	25.9	J		13.8	ug/Kg
000767-58-8	Indan, 1-methyl-	6.30	J		14.2	ug/Kg
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	8.50	J		14.8	ug/Kg
91-20-3	Naphthalene	60.9	J		15.4	ug/Kg

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046966.D	1	07/14/25 12:27	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	41.4	UD	41.4	180	ug/Kg
74-87-3	Chloromethane	41.4	UD	41.4	180	ug/Kg
75-01-4	Vinyl Chloride	28.7	UD	28.7	180	ug/Kg
74-83-9	Bromomethane	38.9	UD	38.9	180	ug/Kg
75-00-3	Chloroethane	45.8	UD	45.8	180	ug/Kg
75-69-4	Trichlorofluoromethane	44.0	UD	44.0	180	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	38.5	UD	38.5	180	ug/Kg
75-35-4	1,1-Dichloroethene	36.3	UD	36.3	180	ug/Kg
67-64-1	Acetone	170	UD	170	910	ug/Kg
75-15-0	Carbon Disulfide	38.5	UD	38.5	180	ug/Kg
1634-04-4	Methyl tert-butyl Ether	26.5	UD	26.5	180	ug/Kg
79-20-9	Methyl Acetate	55.9	UD	55.9	180	ug/Kg
75-09-2	Methylene Chloride	130	UD	130	360	ug/Kg
156-60-5	trans-1,2-Dichloroethene	31.2	UD	31.2	180	ug/Kg
75-34-3	1,1-Dichloroethane	29.1	UD	29.1	180	ug/Kg
110-82-7	Cyclohexane	71.3	JD	28.7	180	ug/Kg
78-93-3	2-Butanone	240	UDQ	240	910	ug/Kg
56-23-5	Carbon Tetrachloride	35.2	UD	35.2	180	ug/Kg
156-59-2	cis-1,2-Dichloroethene	27.2	UD	27.2	180	ug/Kg
74-97-5	Bromochloromethane	41.8	UD	41.8	180	ug/Kg
67-66-3	Chloroform	30.5	UD	30.5	180	ug/Kg
71-55-6	1,1,1-Trichloroethane	33.8	UD	33.8	180	ug/Kg
108-87-2	Methylcyclohexane	110	JD	33.1	180	ug/Kg
71-43-2	Benzene	28.7	UD	28.7	180	ug/Kg
107-06-2	1,2-Dichloroethane	28.7	UD	28.7	180	ug/Kg
79-01-6	Trichloroethene	29.4	UD	29.4	180	ug/Kg
78-87-5	1,2-Dichloropropane	33.1	UD	33.1	180	ug/Kg
75-27-4	Bromodichloromethane	28.3	UD	28.3	180	ug/Kg
108-10-1	4-Methyl-2-Pentanone	130	UDQ	130	910	ug/Kg
108-88-3	Toluene	38.0	JD	28.3	180	ug/Kg

Raw Data: **VX046966.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046966.D	1	07/14/25 12:27	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	23.6	UD	23.6	180	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.5	UD	22.5	180	ug/Kg
79-00-5	1,1,2-Trichloroethane	33.4	UD	33.4	180	ug/Kg
591-78-6	2-Hexanone	130	UDQ	130	910	ug/Kg
124-48-1	Dibromochloromethane	31.6	UD	31.6	180	ug/Kg
106-93-4	1,2-Dibromoethane	32.0	UD	32.0	180	ug/Kg
127-18-4	Tetrachloroethene	38.1	UD	38.1	180	ug/Kg
108-90-7	Chlorobenzene	33.1	UD	33.1	180	ug/Kg
100-41-4	Ethyl Benzene	430	D	24.3	180	ug/Kg
179601-23-1	m/p-Xylenes	75.9	JD	45.0	360	ug/Kg
95-47-6	o-Xylene	29.8	UD	29.8	180	ug/Kg
100-42-5	Styrene	25.8	UD	25.8	180	ug/Kg
75-25-2	Bromoform	31.2	UD	31.2	180	ug/Kg
98-82-8	Isopropylbenzene	28.3	UD	28.3	180	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	44.0	UD	44.0	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.1	UD	62.1	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	UD	56.7	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.7	UD	52.7	180	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	66.8	UD	66.8	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	UD	110	180	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	120	UD	120	180	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	48.9		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	315000	5.556			
540-36-3	1,4-Difluorobenzene	536000	6.763			
3114-55-4	Chlorobenzene-d5	491000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	248000	12.018			

Raw Data: **VX046966.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX4ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.9
Sample Wt/Vol:	7.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046966.D	1	07/14/25 12:27	VX071425

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

Raw Data: **VX046955.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX5	SDG No.:	Q2480
Lab Sample ID:	Q2480-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.5
Sample Wt/Vol:	8.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046955.D	10	07/10/25 18:59	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	370	U	370	1600	ug/Kg
74-87-3	Chloromethane	370	U	370	1600	ug/Kg
75-01-4	Vinyl Chloride	260	U	260	1600	ug/Kg
74-83-9	Bromomethane	350	UQ	350	1600	ug/Kg
75-00-3	Chloroethane	410	U	410	1600	ug/Kg
75-69-4	Trichlorofluoromethane	390	U	390	1600	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	340	U	340	1600	ug/Kg
75-35-4	1,1-Dichloroethene	330	U	330	1600	ug/Kg
67-64-1	Acetone	1500	U	1500	8100	ug/Kg
75-15-0	Carbon Disulfide	340	U	340	1600	ug/Kg
1634-04-4	Methyl tert-butyl Ether	240	U	240	1600	ug/Kg
79-20-9	Methyl Acetate	500	U	500	1600	ug/Kg
75-09-2	Methylene Chloride	1100	U	1100	3300	ug/Kg
156-60-5	trans-1,2-Dichloroethene	280	U	280	1600	ug/Kg
75-34-3	1,1-Dichloroethane	260	U	260	1600	ug/Kg
110-82-7	Cyclohexane	260	U	260	1600	ug/Kg
78-93-3	2-Butanone	2100	U	2100	8100	ug/Kg
56-23-5	Carbon Tetrachloride	320	U	320	1600	ug/Kg
156-59-2	cis-1,2-Dichloroethene	240	U	240	1600	ug/Kg
74-97-5	Bromochloromethane	370	U	370	1600	ug/Kg
67-66-3	Chloroform	270	U	270	1600	ug/Kg
71-55-6	1,1,1-Trichloroethane	300	U	300	1600	ug/Kg
108-87-2	Methylcyclohexane	8500		300	1600	ug/Kg
71-43-2	Benzene	260	U	260	1600	ug/Kg
107-06-2	1,2-Dichloroethane	260	U	260	1600	ug/Kg
79-01-6	Trichloroethene	260	U	260	1600	ug/Kg
78-87-5	1,2-Dichloropropane	300	U	300	1600	ug/Kg
75-27-4	Bromodichloromethane	250	U	250	1600	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1200	U	1200	8100	ug/Kg
108-88-3	Toluene	250	U	250	1600	ug/Kg

Raw Data: **VX046955.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX5	SDG No.:	Q2480
Lab Sample ID:	Q2480-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.5
Sample Wt/Vol:	8.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046955.D	10	07/10/25 18:59	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	210	U	210	1600	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	200	U	200	1600	ug/Kg
79-00-5	1,1,2-Trichloroethane	300	U	300	1600	ug/Kg
591-78-6	2-Hexanone	1200	U	1200	8100	ug/Kg
124-48-1	Dibromochloromethane	280	U	280	1600	ug/Kg
106-93-4	1,2-Dibromoethane	290	U	290	1600	ug/Kg
127-18-4	Tetrachloroethene	340	U	340	1600	ug/Kg
108-90-7	Chlorobenzene	300	U	300	1600	ug/Kg
100-41-4	Ethyl Benzene	11600		220	1600	ug/Kg
179601-23-1	m/p-Xylenes	14000		400	3300	ug/Kg
95-47-6	o-Xylene	270	U	270	1600	ug/Kg
100-42-5	Styrene	230	U	230	1600	ug/Kg
75-25-2	Bromoform	280	U	280	1600	ug/Kg
98-82-8	Isopropylbenzene	3200		250	1600	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	390	U	390	1600	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	1600	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	1600	ug/Kg
95-50-1	1,2-Dichlorobenzene	470	U	470	1600	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	600	U	600	1600	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970	U	970	1600	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1000	U	1000	1600	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265000	5.562			
540-36-3	1,4-Difluorobenzene	461000	6.769			
3114-55-4	Chlorobenzene-d5	408000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046955.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX5	SDG No.:	Q2480
Lab Sample ID:	Q2480-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.5
Sample Wt/Vol:	8.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046955.D	10	07/10/25 18:59	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
74-88-4	Methyl Iodide	340	J		2.48	ug/Kg
000592-27-8	Heptane, 2-methyl-	13000	J		8.28	ug/Kg
000111-65-9	Octane	17500	J		8.91	ug/Kg
002216-34-4	Octane, 4-methyl-	21100	J		9.90	ug/Kg
000111-84-2	Nonane	26700	J		10.4	ug/Kg
005911-04-6	Nonane, 3-methyl-	14100	J		10.8	ug/Kg
103-65-1	n-propylbenzene	10700	J		11.3	ug/Kg
000622-96-8	Benzene, 1-ethyl-4-methyl-	27000	J		11.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	21600	J		11.5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	84000	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	1800	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	1600	J		12.0	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	27300	J		12.1	ug/Kg
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	28000	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	5400	J		12.3	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	15500	J		12.5	ug/Kg
000527-84-4	o-Cymene	13200	J		12.6	ug/Kg
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	25700	J		12.6	ug/Kg
000768-49-0	Benzene, (2-methyl-1-propenyl)-	15100	J		12.7	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	15800	J		12.9	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	18800	J		13.0	ug/Kg
000767-58-8	Indan, 1-methyl-	21900	J		13.3	ug/Kg
91-20-3	Naphthalene	14600	J		13.8	ug/Kg

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6	SDG No.:	Q2480
Lab Sample ID:	Q2480-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	5.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031797.D	1	07/10/25 13:03	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.82	U	0.82	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.20	ug/Kg
67-64-1	Acetone	4.90	U	4.90	26.1	ug/Kg
75-15-0	Carbon Disulfide	1.70	J	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.76	U	0.76	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.90	U	0.90	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.84	U	0.84	5.20	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	26.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.78	U	0.78	5.20	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.20	ug/Kg
67-66-3	Chloroform	0.88	U	0.88	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	5.20	ug/Kg
108-87-2	Methylcyclohexane	290	E	0.95	5.20	ug/Kg
71-43-2	Benzene	2.80	J	0.82	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	5.20	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.95	U	0.95	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.81	U	0.81	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	26.1	ug/Kg
108-88-3	Toluene	0.81	U	0.81	5.20	ug/Kg

Raw Data: **VW031797.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6	SDG No.:	Q2480
Lab Sample ID:	Q2480-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	5.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031797.D	1	07/10/25 13:03	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.65	U	0.65	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.1	ug/Kg
124-48-1	Dibromochloromethane	0.91	U	0.91	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.95	U	0.95	5.20	ug/Kg
100-41-4	Ethyl Benzene	170	E	0.70	5.20	ug/Kg
179601-23-1	m/p-Xylenes	310		1.30	10.4	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	5.20	ug/Kg
100-42-5	Styrene	0.74	U	0.74	5.20	ug/Kg
75-25-2	Bromoform	0.90	U	0.90	5.20	ug/Kg
98-82-8	Isopropylbenzene	51.7		0.81	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	3.10	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	3.30	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	110	*	74 - 123	219%	SPK: 50
460-00-4	4-Bromofluorobenzene	140	*	17 - 146	286%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.965			
540-36-3	1,4-Difluorobenzene	364000	8.855			
3114-55-4	Chlorobenzene-d5	323000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VW031797.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6	SDG No.:	Q2480
Lab Sample ID:	Q2480-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	5.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031797.D	1	07/10/25 13:03	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000589-34-4	Hexane, 3-methyl-	200	J		9.76	ug/Kg
000609-26-7	Pentane, 3-ethyl-2-methyl-	220	J		9.90	ug/Kg
000589-81-1	Heptane, 3-methyl-	370	J		10.1	ug/Kg
002207-01-4	Cyclohexane, 1,2-dimethyl-, cis-	300	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	200	J		10.7	ug/Kg
002207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	340	J		10.8	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	270	J		11.0	ug/Kg
001678-91-7	Cyclohexane, ethyl-	300	J		11.2	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	340	J		11.2	ug/Kg
002216-34-4	Octane, 4-methyl-	230	J		11.4	ug/Kg
002216-33-3	Octane, 3-methyl-	270	J		11.5	ug/Kg
003728-56-1	1-Ethyl-4-methylcyclohexane	280	J		12.1	ug/Kg
013152-05-1	Cyclooctene, 3-methyl-	320	J		12.3	ug/Kg
103-65-1	n-propylbenzene	160	J		12.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	260	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	780	J		13.3	ug/Kg
135-98-8	sec-Butylbenzene	75.0	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	34.3	J		13.5	ug/Kg
104-51-8	n-Butylbenzene	80.4	J		13.8	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	210	J		14.1	ug/Kg
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	220	J		14.8	ug/Kg
91-20-3	Naphthalene	110	J		15.4	ug/Kg

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

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

Raw Data: **VX046956.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046956.D	10	07/10/25 19:20	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	530	UD	530	2300	ug/Kg
74-87-3	Chloromethane	530	UD	530	2300	ug/Kg
75-01-4	Vinyl Chloride	370	UD	370	2300	ug/Kg
74-83-9	Bromomethane	500	UDQ	500	2300	ug/Kg
75-00-3	Chloroethane	590	UD	590	2300	ug/Kg
75-69-4	Trichlorofluoromethane	570	UD	570	2300	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	500	2300	ug/Kg
75-35-4	1,1-Dichloroethene	470	UD	470	2300	ug/Kg
67-64-1	Acetone	2200	UD	2200	11700	ug/Kg
75-15-0	Carbon Disulfide	500	UD	500	2300	ug/Kg
1634-04-4	Methyl tert-butyl Ether	340	UD	340	2300	ug/Kg
79-20-9	Methyl Acetate	720	UD	720	2300	ug/Kg
75-09-2	Methylene Chloride	1600	UD	1600	4700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	400	UD	400	2300	ug/Kg
75-34-3	1,1-Dichloroethane	370	UD	370	2300	ug/Kg
110-82-7	Cyclohexane	370	UD	370	2300	ug/Kg
78-93-3	2-Butanone	3100	UD	3100	11700	ug/Kg
56-23-5	Carbon Tetrachloride	450	UD	450	2300	ug/Kg
156-59-2	cis-1,2-Dichloroethene	350	UD	350	2300	ug/Kg
74-97-5	Bromochloromethane	540	UD	540	2300	ug/Kg
67-66-3	Chloroform	390	UD	390	2300	ug/Kg
71-55-6	1,1,1-Trichloroethane	430	UD	430	2300	ug/Kg
108-87-2	Methylcyclohexane	2000	JD	420	2300	ug/Kg
71-43-2	Benzene	370	UD	370	2300	ug/Kg
107-06-2	1,2-Dichloroethane	370	UD	370	2300	ug/Kg
79-01-6	Trichloroethene	380	UD	380	2300	ug/Kg
78-87-5	1,2-Dichloropropane	420	UD	420	2300	ug/Kg
75-27-4	Bromodichloromethane	360	UD	360	2300	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1700	UD	1700	11700	ug/Kg
108-88-3	Toluene	360	UD	360	2300	ug/Kg

Raw Data: **VX046956.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046956.D	10	07/10/25 19:20	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	300	UD	300	2300	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	290	UD	290	2300	ug/Kg
79-00-5	1,1,2-Trichloroethane	430	UD	430	2300	ug/Kg
591-78-6	2-Hexanone	1700	UD	1700	11700	ug/Kg
124-48-1	Dibromochloromethane	410	UD	410	2300	ug/Kg
106-93-4	1,2-Dibromoethane	410	UD	410	2300	ug/Kg
127-18-4	Tetrachloroethene	490	UD	490	2300	ug/Kg
108-90-7	Chlorobenzene	420	UD	420	2300	ug/Kg
100-41-4	Ethyl Benzene	690	JD	310	2300	ug/Kg
179601-23-1	m/p-Xylenes	580	UD	580	4700	ug/Kg
95-47-6	o-Xylene	380	UD	380	2300	ug/Kg
100-42-5	Styrene	330	UD	330	2300	ug/Kg
75-25-2	Bromoform	400	UD	400	2300	ug/Kg
98-82-8	Isopropylbenzene	360	UD	360	2300	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	570	UD	570	2300	ug/Kg
541-73-1	1,3-Dichlorobenzene	800	UD	800	2300	ug/Kg
106-46-7	1,4-Dichlorobenzene	730	UD	730	2300	ug/Kg
95-50-1	1,2-Dichlorobenzene	680	UD	680	2300	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	860	UD	860	2300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400	UD	1400	2300	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1500	UD	1500	2300	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	50.0		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	353000	5.562			
540-36-3	1,4-Difluorobenzene	617000	6.763			
3114-55-4	Chlorobenzene-d5	564000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	282000	12.018			

Raw Data: **VX046956.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX6ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.9
Sample Wt/Vol:	6.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046956.D	10	07/10/25 19:20	VX071025

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7	SDG No.:	Q2480
Lab Sample ID:	Q2480-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	8.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031777.D	1	07/09/25 15:40	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.75	U	0.75	3.30	ug/Kg
74-87-3	Chloromethane	0.75	U	0.75	3.30	ug/Kg
75-01-4	Vinyl Chloride	0.52	U	0.52	3.30	ug/Kg
74-83-9	Bromomethane	0.70	U	0.70	3.30	ug/Kg
75-00-3	Chloroethane	0.83	U	0.83	3.30	ug/Kg
75-69-4	Trichlorofluoromethane	0.79	U	0.79	3.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	0.69	3.30	ug/Kg
75-35-4	1,1-Dichloroethene	0.66	U	0.66	3.30	ug/Kg
67-64-1	Acetone	3.10	U	3.10	16.4	ug/Kg
75-15-0	Carbon Disulfide	0.90	J	0.69	3.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.48	U	0.48	3.30	ug/Kg
79-20-9	Methyl Acetate	1.00	U	1.00	3.30	ug/Kg
75-09-2	Methylene Chloride	2.30	UQ	2.30	6.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.56	U	0.56	3.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.52	U	0.52	3.30	ug/Kg
110-82-7	Cyclohexane	450	E	0.52	3.30	ug/Kg
78-93-3	2-Butanone	4.30	U	4.30	16.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.64	U	0.64	3.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.49	UQ	0.49	3.30	ug/Kg
74-97-5	Bromochloromethane	0.75	U	0.75	3.30	ug/Kg
67-66-3	Chloroform	0.55	U	0.55	3.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.61	U	0.61	3.30	ug/Kg
108-87-2	Methylcyclohexane	1500	E	0.60	3.30	ug/Kg
71-43-2	Benzene	3.70		0.52	3.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.52	U	0.52	3.30	ug/Kg
79-01-6	Trichloroethene	0.53	U	0.53	3.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.60	U	0.60	3.30	ug/Kg
75-27-4	Bromodichloromethane	0.51	U	0.51	3.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.30	U	2.30	16.4	ug/Kg
108-88-3	Toluene	0.51	U	0.51	3.30	ug/Kg

Raw Data: **VW031777.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7	SDG No.:	Q2480
Lab Sample ID:	Q2480-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	8.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031777.D	1	07/09/25 15:40	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.43	U	0.43	3.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.41	U	0.41	3.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	3.30	ug/Kg
591-78-6	2-Hexanone	2.40	U	2.40	16.4	ug/Kg
124-48-1	Dibromochloromethane	0.57	U	0.57	3.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.58	U	0.58	3.30	ug/Kg
127-18-4	Tetrachloroethene	0.69	U	0.69	3.30	ug/Kg
108-90-7	Chlorobenzene	0.60	U	0.60	3.30	ug/Kg
100-41-4	Ethyl Benzene	0.44	U	0.44	3.30	ug/Kg
179601-23-1	m/p-Xylenes	12.7		0.81	6.60	ug/Kg
95-47-6	o-Xylene	9.60		0.54	3.30	ug/Kg
100-42-5	Styrene	0.47	U	0.47	3.30	ug/Kg
75-25-2	Bromoform	0.56	U	0.56	3.30	ug/Kg
98-82-8	Isopropylbenzene	0.51	U	0.51	3.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.79	U	0.79	3.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.10	U	1.10	3.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.00	U	1.00	3.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	3.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.20	U	1.20	3.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.90	U	1.90	3.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.10	U	2.10	3.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	100	*	74 - 123	209%	SPK: 50
460-00-4	4-Bromofluorobenzene	100	*	17 - 146	201%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	203000	7.965			
540-36-3	1,4-Difluorobenzene	393000	8.855			
3114-55-4	Chlorobenzene-d5	351000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	186000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VW031777.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7	SDG No.:	Q2480
Lab Sample ID:	Q2480-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	8.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031777.D	1	07/09/25 15:40	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000142-82-5	Heptane	42.9	J		8.70	ug/Kg
000589-81-1	Heptane, 3-methyl-	55.3	J		10.1	ug/Kg
	unknown10.514	210	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	89.5	J		10.7	ug/Kg
018669-52-8	1,4-Hexadiene, 2,3-dimethyl-	170	J		10.8	ug/Kg
	unknown10.849	38.3	J		10.8	ug/Kg
001072-05-5	Heptane, 2,6-dimethyl-	60.2	J		10.9	ug/Kg
000823-17-6	Cyclohexene, 3,5-dimethyl-	120	J		11.1	ug/Kg
019780-56-4	Methyl ethyl cyclopentene	48.2	J		11.1	ug/Kg
001678-91-7	Cyclohexane, ethyl-	120	J		11.2	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	85.9	J		11.2	ug/Kg
001636-43-7	Decane, 5,6-dimethyl-	44.5	J		11.3	ug/Kg
002213-23-2	Heptane, 2,4-dimethyl-	150	J		11.4	ug/Kg
002216-33-3	Octane, 3-methyl-	74.3	J		11.5	ug/Kg
013152-05-1	Cyclooctene, 3-methyl-	89.3	J		12.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	180	J		12.9	ug/Kg
98-06-6	tert-Butylbenzene	6.00	J		13.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.50	J		13.3	ug/Kg
135-98-8	sec-Butylbenzene	19.1	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	41.2	J		13.5	ug/Kg

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-07ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	7.88 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046957.D	10	07/10/25 19:41	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	410	UD	410	1800	ug/Kg
74-87-3	Chloromethane	410	UD	410	1800	ug/Kg
75-01-4	Vinyl Chloride	290	UD	290	1800	ug/Kg
74-83-9	Bromomethane	390	UDQ	390	1800	ug/Kg
75-00-3	Chloroethane	460	UD	460	1800	ug/Kg
75-69-4	Trichlorofluoromethane	440	UD	440	1800	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	380	UD	380	1800	ug/Kg
75-35-4	1,1-Dichloroethene	360	UD	360	1800	ug/Kg
67-64-1	Acetone	1700	UD	1700	9000	ug/Kg
75-15-0	Carbon Disulfide	380	UD	380	1800	ug/Kg
1634-04-4	Methyl tert-butyl Ether	260	UD	260	1800	ug/Kg
79-20-9	Methyl Acetate	560	UD	560	1800	ug/Kg
75-09-2	Methylene Chloride	1300	UD	1300	3600	ug/Kg
156-60-5	trans-1,2-Dichloroethene	310	UD	310	1800	ug/Kg
75-34-3	1,1-Dichloroethane	290	UD	290	1800	ug/Kg
110-82-7	Cyclohexane	4500	D	290	1800	ug/Kg
78-93-3	2-Butanone	2400	UD	2400	9000	ug/Kg
56-23-5	Carbon Tetrachloride	350	UD	350	1800	ug/Kg
156-59-2	cis-1,2-Dichloroethene	270	UD	270	1800	ug/Kg
74-97-5	Bromochloromethane	420	UD	420	1800	ug/Kg
67-66-3	Chloroform	300	UD	300	1800	ug/Kg
71-55-6	1,1,1-Trichloroethane	340	UD	340	1800	ug/Kg
108-87-2	Methylcyclohexane	14900	D	330	1800	ug/Kg
71-43-2	Benzene	290	UD	290	1800	ug/Kg
107-06-2	1,2-Dichloroethane	290	UD	290	1800	ug/Kg
79-01-6	Trichloroethene	290	UD	290	1800	ug/Kg
78-87-5	1,2-Dichloropropane	330	UD	330	1800	ug/Kg
75-27-4	Bromodichloromethane	280	UD	280	1800	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1300	UD	1300	9000	ug/Kg
108-88-3	Toluene	280	UD	280	1800	ug/Kg

Raw Data: **VX046957.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-07ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	7.88 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046957.D	10	07/10/25 19:41	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	230	UD	230	1800	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	220	UD	220	1800	ug/Kg
79-00-5	1,1,2-Trichloroethane	330	UD	330	1800	ug/Kg
591-78-6	2-Hexanone	1300	UD	1300	9000	ug/Kg
124-48-1	Dibromochloromethane	310	UD	310	1800	ug/Kg
106-93-4	1,2-Dibromoethane	320	UD	320	1800	ug/Kg
127-18-4	Tetrachloroethene	380	UD	380	1800	ug/Kg
108-90-7	Chlorobenzene	330	UD	330	1800	ug/Kg
100-41-4	Ethyl Benzene	11100	D	240	1800	ug/Kg
179601-23-1	m/p-Xylenes	3600	D	450	3600	ug/Kg
95-47-6	o-Xylene	300	UD	300	1800	ug/Kg
100-42-5	Styrene	260	UD	260	1800	ug/Kg
75-25-2	Bromoform	310	UD	310	1800	ug/Kg
98-82-8	Isopropylbenzene	2500	D	280	1800	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	440	UD	440	1800	ug/Kg
541-73-1	1,3-Dichlorobenzene	620	UD	620	1800	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	UD	560	1800	ug/Kg
95-50-1	1,2-Dichlorobenzene	520	UD	520	1800	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	660	UD	660	1800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100	UD	1100	1800	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1100	UD	1100	1800	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	50.0		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	250000	5.562			
540-36-3	1,4-Difluorobenzene	446000	6.769			
3114-55-4	Chlorobenzene-d5	406000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	201000	12.018			

Raw Data: **VX046957.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX7ME	SDG No.:	Q2480
Lab Sample ID:	Q2480-07ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	7.88 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046957.D	10	07/10/25 19:41	VX071025

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

Raw Data: **VX046958.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX8	SDG No.:	Q2480
Lab Sample ID:	Q2480-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.2
Sample Wt/Vol:	8.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046958.D	10	07/10/25 20:02	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	370	U	370	1600	ug/Kg
74-87-3	Chloromethane	370	U	370	1600	ug/Kg
75-01-4	Vinyl Chloride	250	U	250	1600	ug/Kg
74-83-9	Bromomethane	340	UQ	340	1600	ug/Kg
75-00-3	Chloroethane	400	U	400	1600	ug/Kg
75-69-4	Trichlorofluoromethane	390	U	390	1600	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	340	U	340	1600	ug/Kg
75-35-4	1,1-Dichloroethene	320	U	320	1600	ug/Kg
67-64-1	Acetone	1500	U	1500	8000	ug/Kg
75-15-0	Carbon Disulfide	340	U	340	1600	ug/Kg
1634-04-4	Methyl tert-butyl Ether	230	U	230	1600	ug/Kg
79-20-9	Methyl Acetate	490	U	490	1600	ug/Kg
75-09-2	Methylene Chloride	1100	U	1100	3200	ug/Kg
156-60-5	trans-1,2-Dichloroethene	280	U	280	1600	ug/Kg
75-34-3	1,1-Dichloroethane	260	U	260	1600	ug/Kg
110-82-7	Cyclohexane	3300		250	1600	ug/Kg
78-93-3	2-Butanone	2100	U	2100	8000	ug/Kg
56-23-5	Carbon Tetrachloride	310	U	310	1600	ug/Kg
156-59-2	cis-1,2-Dichloroethene	240	U	240	1600	ug/Kg
74-97-5	Bromochloromethane	370	U	370	1600	ug/Kg
67-66-3	Chloroform	270	U	270	1600	ug/Kg
71-55-6	1,1,1-Trichloroethane	300	U	300	1600	ug/Kg
108-87-2	Methylcyclohexane	11600		290	1600	ug/Kg
71-43-2	Benzene	250	U	250	1600	ug/Kg
107-06-2	1,2-Dichloroethane	250	U	250	1600	ug/Kg
79-01-6	Trichloroethene	260	U	260	1600	ug/Kg
78-87-5	1,2-Dichloropropane	290	U	290	1600	ug/Kg
75-27-4	Bromodichloromethane	250	U	250	1600	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1100	U	1100	8000	ug/Kg
108-88-3	Toluene	250	U	250	1600	ug/Kg

Raw Data: **VX046958.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX8	SDG No.:	Q2480
Lab Sample ID:	Q2480-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.2
Sample Wt/Vol:	8.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046958.D	10	07/10/25 20:02	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	210	U	210	1600	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	200	U	200	1600	ug/Kg
79-00-5	1,1,2-Trichloroethane	290	U	290	1600	ug/Kg
591-78-6	2-Hexanone	1200	U	1200	8000	ug/Kg
124-48-1	Dibromochloromethane	280	U	280	1600	ug/Kg
106-93-4	1,2-Dibromoethane	280	U	280	1600	ug/Kg
127-18-4	Tetrachloroethene	340	U	340	1600	ug/Kg
108-90-7	Chlorobenzene	290	U	290	1600	ug/Kg
100-41-4	Ethyl Benzene	10200		210	1600	ug/Kg
179601-23-1	m/p-Xylenes	11800		400	3200	ug/Kg
95-47-6	o-Xylene	260	U	260	1600	ug/Kg
100-42-5	Styrene	230	U	230	1600	ug/Kg
75-25-2	Bromoform	280	U	280	1600	ug/Kg
98-82-8	Isopropylbenzene	2800		250	1600	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	390	U	390	1600	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	1600	ug/Kg
106-46-7	1,4-Dichlorobenzene	500	U	500	1600	ug/Kg
95-50-1	1,2-Dichlorobenzene	460	U	460	1600	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	590	U	590	1600	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	950	U	950	1600	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1000	U	1000	1600	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	377000	5.562			
540-36-3	1,4-Difluorobenzene	658000	6.769			
3114-55-4	Chlorobenzene-d5	585000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	282000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046958.D**

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

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX8	SDG No.:	Q2480
Lab Sample ID:	Q2480-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.2
Sample Wt/Vol:	8.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046958.D	10	07/10/25 20:02	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000111-65-9	Octane	12600	J		8.91	ug/Kg
002216-34-4	Octane, 4-methyl-	15000	J		9.90	ug/Kg
000111-84-2	Nonane	12600	J		10.4	ug/Kg
103-65-1	n-propylbenzene	9100	J		11.3	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	22100	J		11.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	17500	J		11.5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	80100	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	1400	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	1400	J		12.0	ug/Kg
000095-63-6	Benzene, 1,2,4-trimethyl-	24400	J		12.1	ug/Kg
000135-01-3	Benzene, 1,2-diethyl-	24100	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	4700	J		12.3	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	15000	J		12.5	ug/Kg
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	12100	J		12.6	ug/Kg
000527-84-4	o-Cymene	23600	J		12.6	ug/Kg
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	13400	J		12.7	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	13500	J		12.9	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	17600	J		13.0	ug/Kg
000767-58-8	Indan, 1-methyl-	11800	J		13.2	ug/Kg
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	19400	J		13.3	ug/Kg
91-20-3	Naphthalene	12500	J		13.8	ug/Kg
000091-57-6	Naphthalene, 2-methyl-	11800	J		14.6	ug/Kg

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

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

QC SUMMARY

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

SDG No.: Q2480

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2480-01	GPX1	1,2-Dichloroethane-d4	50	51.0	102		63	155
		Dibromofluoromethane	50	51.9	104		70	134
		Toluene-d8	50	52.3	105		74	123
		4-Bromofluorobenzene	50	55.6	111		17	146
Q2480-02	GPX2	1,2-Dichloroethane-d4	50	46.4	93		63	155
		Dibromofluoromethane	50	46.1	92		70	134
		Toluene-d8	50	81.4	163	*	74	123
		4-Bromofluorobenzene	50	113	226	*	17	146
Q2480-02ME	GPX2ME	1,2-Dichloroethane-d4	50	52.1	104		63	155
		Dibromofluoromethane	50	47.9	96		70	134
		Toluene-d8	50	48.4	97		74	123
		4-Bromofluorobenzene	50	51.3	103		17	146
Q2480-03	GPX3	1,2-Dichloroethane-d4	50	53.9	108		63	155
		Dibromofluoromethane	50	52.5	105		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	59.4	119		17	146
Q2480-03RE	GPX3RE	1,2-Dichloroethane-d4	50	38.9	78		63	155
		Dibromofluoromethane	50	37.7	75		70	134
		Toluene-d8	50	35.9	72	*	74	123
		4-Bromofluorobenzene	50	32.2	64		17	146
Q2480-04	GPX4	1,2-Dichloroethane-d4	50	52.8	106		63	155
		Dibromofluoromethane	50	48.9	98		70	134
		Toluene-d8	50	50.1	100		74	123
		4-Bromofluorobenzene	50	48.0	96		17	146
Q2480-04ME	GPX4ME	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	48.1	96		70	134
		Toluene-d8	50	48.9	98		74	123
		4-Bromofluorobenzene	50	50.9	102		17	146
Q2480-05	GPX5	1,2-Dichloroethane-d4	50	51.0	102		63	155
		Dibromofluoromethane	50	47.9	96		70	134
		Toluene-d8	50	49.9	100		74	123
		4-Bromofluorobenzene	50	49.8	100		17	146
Q2480-06	GPX6	1,2-Dichloroethane-d4	50	48.1	96		63	155
		Dibromofluoromethane	50	48.0	96		70	134
		Toluene-d8	50	109	219	*	74	123
		4-Bromofluorobenzene	50	143	286	*	17	146
Q2480-06ME	GPX6ME	1,2-Dichloroethane-d4	50	51.1	102		63	155
		Dibromofluoromethane	50	47.4	95		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	51.6	103		17	146
Q2480-07	GPX7	1,2-Dichloroethane-d4	50	46.7	93		63	155
		Dibromofluoromethane	50	47.4	95		70	134
		Toluene-d8	50	104	209	*	74	123
		4-Bromofluorobenzene	50	100	201	*	17	146
Q2480-07ME	GPX7ME	1,2-Dichloroethane-d4	50	53.1	106		63	155
		Dibromofluoromethane	50	48.0	96		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	50.3	101		17	146
Q2480-08	GPX8	1,2-Dichloroethane-d4	50	51.4	103		63	155
		Dibromofluoromethane	50	47.9	96		70	134

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Surrogate Summary

SDG No.: Q2480

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2480-08	GPX8	Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	49.6	99		17	146
VW0709SBL01	VW0709SBL01	1,2-Dichloroethane-d4	50	44.4	89		63	155
		Dibromofluoromethane	50	46.0	92		70	134
		Toluene-d8	50	45.6	91		74	123
		4-Bromofluorobenzene	50	41.8	84		17	146
VW0709SBS01	VW0709SBS01	1,2-Dichloroethane-d4	50	58.7	117		63	155
		Dibromofluoromethane	50	57.7	115		70	134
		Toluene-d8	50	58.6	117		74	123
		4-Bromofluorobenzene	50	59.5	119		17	146
VW0710SBL01	VW0710SBL01	1,2-Dichloroethane-d4	50	55.9	112		63	155
		Dibromofluoromethane	50	46.0	92		70	134
		Toluene-d8	50	45.5	91		74	123
		4-Bromofluorobenzene	50	45.6	91		17	146
VW0710SBS01	VW0710SBS01	1,2-Dichloroethane-d4	50	48.8	98		63	155
		Dibromofluoromethane	50	47.6	95		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	51.3	103		17	146
VW0710SBSD0	VW0710SBSD01	1,2-Dichloroethane-d4	50	51.5	103		63	155
		Dibromofluoromethane	50	49.9	100		70	134
		Toluene-d8	50	49.8	100		74	123
		4-Bromofluorobenzene	50	51.9	104		17	146
VX0710MBL01	VX0710MBL01	1,2-Dichloroethane-d4	50	51.6	103		63	155
		Dibromofluoromethane	50	48.3	97		70	134
		Toluene-d8	50	49.6	99		74	123
		4-Bromofluorobenzene	50	49.2	98		17	146
VX0710MBS01	VX0710MBS01	1,2-Dichloroethane-d4	50	52.5	105		63	155
		Dibromofluoromethane	50	51.4	103		70	134
		Toluene-d8	50	50.1	100		74	123
		4-Bromofluorobenzene	50	53.1	106		17	146
VX0714MBL01	VX0714MBL01	1,2-Dichloroethane-d4	50	52.0	104		63	155
		Dibromofluoromethane	50	49.9	100		70	134
		Toluene-d8	50	48.8	98		74	123
		4-Bromofluorobenzene	50	51.8	104		17	146
VX0714MBS01	VX0714MBS01	1,2-Dichloroethane-d4	50	53.8	108		63	155
		Dibromofluoromethane	50	53.1	106		70	134
		Toluene-d8	50	51.0	102		74	123
		4-Bromofluorobenzene	50	53.8	108		17	146
VY0707SBL01	VY0707SBL01	1,2-Dichloroethane-d4	50	45.8	91		63	155
		Dibromofluoromethane	50	50.4	101		70	134
		Toluene-d8	50	50.9	102		74	123
		4-Bromofluorobenzene	50	53.3	107		17	146
VY0707SBS01	VY0707SBS01	1,2-Dichloroethane-d4	50	46.9	94		63	155
		Dibromofluoromethane	50	49.5	99		70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	47.0	94		17	146
VY0708SBL01	VY0708SBL01	1,2-Dichloroethane-d4	50	49.7	99		63	155
		Dibromofluoromethane	50	51.2	102		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	54.9	110		17	146

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Surrogate Summary

SDG No.: Q2480

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VY0708SBS01	VY0708SBS01	1,2-Dichloroethane-d4	50	52.0	104		63	155
		Dibromofluoromethane	50	54.0	108		70	134
		Toluene-d8	50	53.5	107		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031769.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0709SBS01	Dichlorodifluoromethane	20	23.9	ug/Kg	119			64	136	
	Chloromethane	20	23.4	ug/Kg	117			52	151	
	Vinyl chloride	20	24.1	ug/Kg	121			56	148	
	Bromomethane	20	23.2	ug/Kg	116			58	141	
	Chloroethane	20	23.2	ug/Kg	116			69	130	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.9	ug/Kg	119			81	123	
	1,1-Dichloroethene	20	23.8	ug/Kg	119			79	121	
	Acetone	100	130	ug/Kg	130			40	171	
	Carbon disulfide	20	22.8	ug/Kg	114			59	130	
	Methyl tert-butyl Ether	20	24.4	ug/Kg	122			77	129	
	Methyl Acetate	20	23.1	ug/Kg	116			69	149	
	Methylene Chloride	20	35.2	ug/Kg	176		*	72	131	
	trans-1,2-Dichloroethene	20	24.2	ug/Kg	121			80	123	
	1,1-Dichloroethane	20	24.1	ug/Kg	121			82	123	
	Cyclohexane	20	23.8	ug/Kg	119			76	122	
	2-Butanone	100	130	ug/Kg	130			69	131	
	Carbon Tetrachloride	20	22.9	ug/Kg	115			76	129	
	cis-1,2-Dichloroethene	20	24.8	ug/Kg	124		*	82	123	
	Bromochloromethane	20	24.3	ug/Kg	121			80	127	
	Chloroform	20	24.3	ug/Kg	121			82	125	
	1,1,1-Trichloroethane	20	24.6	ug/Kg	123			80	126	
	Methylcyclohexane	20	22.9	ug/Kg	115			77	123	
	Benzene	20	23.9	ug/Kg	119			84	121	
	1,2-Dichloroethane	20	23.4	ug/Kg	117			81	126	
	Trichloroethene	20	22.7	ug/Kg	114			83	122	
	1,2-Dichloropropane	20	23.5	ug/Kg	117			83	122	
	Bromodichloromethane	20	23.3	ug/Kg	117			82	123	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			70	135	
	Toluene	20	24.1	ug/Kg	121			83	122	
	t-1,3-Dichloropropene	20	23.4	ug/Kg	117			78	124	
	cis-1,3-Dichloropropene	20	23.5	ug/Kg	117			81	122	
	1,1,2-Trichloroethane	20	23.7	ug/Kg	119			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	22.3	ug/Kg	112			79	125	
	1,2-Dibromoethane	20	23.8	ug/Kg	119			80	125	
	Tetrachloroethene	20	23.7	ug/Kg	119			83	125	
	Chlorobenzene	20	23.8	ug/Kg	119			84	122	
	Ethyl Benzene	20	23.1	ug/Kg	116			82	124	
	m/p-Xylenes	40	46.8	ug/Kg	117			83	124	
	o-Xylene	20	23.7	ug/Kg	119			83	123	
	Styrene	20	23.9	ug/Kg	119			82	124	
	Bromoform	20	23.7	ug/Kg	119			75	127	
	Isopropylbenzene	20	22.7	ug/Kg	114			82	124	
	1,1,2,2-Tetrachloroethane	20	23.3	ug/Kg	117			77	127	
	1,3-Dichlorobenzene	20	24.1	ug/Kg	121			83	122	
	1,4-Dichlorobenzene	20	23.4	ug/Kg	117			84	121	
	1,2-Dichlorobenzene	20	24.3	ug/Kg	121			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031769.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0709SBS01	1,2-Dibromo-3-Chloropropane	20	21.9	ug/Kg	110			66	134	
	1,2,4-Trichlorobenzene	20	24.2	ug/Kg	121			78	127	
	1,2,3-Trichlorobenzene	20	23.4	ug/Kg	117			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031793.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0710SBS01	Dichlorodifluoromethane	20	18.5	ug/Kg	93			64	136	
	Chloromethane	20	19.3	ug/Kg	97			52	151	
	Vinyl chloride	20	20.1	ug/Kg	101			56	148	
	Bromomethane	20	18.8	ug/Kg	94			58	141	
	Chloroethane	20	19.6	ug/Kg	98			69	130	
	Trichlorofluoromethane	20	18.3	ug/Kg	92			69	134	
	1,1,2-Trichlorotrifluoroethane	20	19.3	ug/Kg	97			81	123	
	1,1-Dichloroethene	20	20.2	ug/Kg	101			79	121	
	Acetone	100	100	ug/Kg	100			40	171	
	Carbon disulfide	20	18.7	ug/Kg	94			59	130	
	Methyl tert-butyl Ether	20	21.2	ug/Kg	106			77	129	
	Methyl Acetate	20	17.7	ug/Kg	89			69	149	
	Methylene Chloride	20	24.3	ug/Kg	121			72	131	
	trans-1,2-Dichloroethene	20	20.1	ug/Kg	101			80	123	
	1,1-Dichloroethane	20	20.3	ug/Kg	102			82	123	
	Cyclohexane	20	20.2	ug/Kg	101			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	19.6	ug/Kg	98			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	20.2	ug/Kg	101			80	127	
	Chloroform	20	21.2	ug/Kg	106			82	125	
	1,1,1-Trichloroethane	20	19.8	ug/Kg	99			80	126	
	Methylcyclohexane	20	20.4	ug/Kg	102			77	123	
	Benzene	20	20.8	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			81	126	
	Trichloroethene	20	20.4	ug/Kg	102			83	122	
	1,2-Dichloropropane	20	21.1	ug/Kg	106			83	122	
	Bromodichloromethane	20	20.3	ug/Kg	102			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	20.9	ug/Kg	104			83	122	
	t-1,3-Dichloropropene	20	20.6	ug/Kg	103			78	124	
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	19.4	ug/Kg	97			79	125	
	1,2-Dibromoethane	20	20.5	ug/Kg	103			80	125	
	Tetrachloroethene	20	19.5	ug/Kg	98			83	125	
	Chlorobenzene	20	21.4	ug/Kg	107			84	122	
	Ethyl Benzene	20	22.0	ug/Kg	110			82	124	
	m/p-Xylenes	40	42.3	ug/Kg	106			83	124	
	o-Xylene	20	21.8	ug/Kg	109			83	123	
	Styrene	20	21.4	ug/Kg	107			82	124	
	Bromoform	20	18.0	ug/Kg	90			75	127	
	Isopropylbenzene	20	20.4	ug/Kg	102			82	124	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/Kg	99			77	127	
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	20	19.1	ug/Kg	96			84	121	
	1,2-Dichlorobenzene	20	20.0	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031793.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0710SBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/Kg	91			66	134	
	1,2,4-Trichlorobenzene	20	19.4	ug/Kg	97			78	127	
	1,2,3-Trichlorobenzene	20	18.5	ug/Kg	93			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031794.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0710SBSD01	Dichlorodifluoromethane	20	19.6	ug/Kg	98	5		64	136	20
	Chloromethane	20	19.4	ug/Kg	97	0		52	151	20
	Vinyl chloride	20	20.7	ug/Kg	104	3		56	148	20
	Bromomethane	20	18.6	ug/Kg	93	1		58	141	20
	Chloroethane	20	19.4	ug/Kg	97	1		69	130	20
	Trichlorofluoromethane	20	16.6	ug/Kg	83	10		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.5	ug/Kg	103	6		81	123	20
	1,1-Dichloroethene	20	20.2	ug/Kg	101	0		79	121	20
	Acetone	100	110	ug/Kg	110	10		40	171	20
	Carbon disulfide	20	19.3	ug/Kg	97	3		59	130	20
	Methyl tert-butyl Ether	20	21.6	ug/Kg	108	2		77	129	20
	Methyl Acetate	20	19.0	ug/Kg	95	7		69	149	20
	Methylene Chloride	20	24.4	ug/Kg	122	1		72	131	20
	trans-1,2-Dichloroethene	20	20.6	ug/Kg	103	2		80	123	20
	1,1-Dichloroethane	20	21.2	ug/Kg	106	4		82	123	20
	Cyclohexane	20	21.2	ug/Kg	106	5		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	19.7	ug/Kg	99	1		76	129	20
	cis-1,2-Dichloroethene	20	21.4	ug/Kg	107	3		82	123	20
	Bromochloromethane	20	21.5	ug/Kg	108	7		80	127	20
	Chloroform	20	21.0	ug/Kg	105	1		82	125	20
	1,1,1-Trichloroethane	20	20.0	ug/Kg	100	1		80	126	20
	Methylcyclohexane	20	20.6	ug/Kg	103	1		77	123	20
	Benzene	20	21.2	ug/Kg	106	2		84	121	20
	1,2-Dichloroethane	20	21.3	ug/Kg	106	4		81	126	20
	Trichloroethene	20	19.5	ug/Kg	98	4		83	122	20
	1,2-Dichloropropane	20	21.1	ug/Kg	106	0		83	122	20
	Bromodichloromethane	20	20.8	ug/Kg	104	2		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		70	135	20
	Toluene	20	20.7	ug/Kg	104	0		83	122	20
	t-1,3-Dichloropropene	20	20.6	ug/Kg	103	0		78	124	20
	cis-1,3-Dichloropropene	20	21.3	ug/Kg	106	2		81	122	20
	1,1,2-Trichloroethane	20	21.5	ug/Kg	108	5		82	125	20
	2-Hexanone	100	110	ug/Kg	110	0		66	138	20
	Dibromochloromethane	20	20.4	ug/Kg	102	5		79	125	20
	1,2-Dibromoethane	20	20.5	ug/Kg	103	0		80	125	20
	Tetrachloroethene	20	19.2	ug/Kg	96	2		83	125	20
	Chlorobenzene	20	21.2	ug/Kg	106	1		84	122	20
	Ethyl Benzene	20	21.3	ug/Kg	106	4		82	124	20
	m/p-Xylenes	40	41.8	ug/Kg	104	2		83	124	20
	o-Xylene	20	21.1	ug/Kg	106	3		83	123	20
	Styrene	20	21.4	ug/Kg	107	0		82	124	20
	Bromoform	20	19.5	ug/Kg	98	9		75	127	20
	Isopropylbenzene	20	21.1	ug/Kg	106	4		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106	7		77	127	20
	1,3-Dichlorobenzene	20	21.9	ug/Kg	110	10		83	122	20
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103	7		84	121	20
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031794.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW0710SBSD01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100	9		66	134	20
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	2		78	127	20
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98	5		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX046953.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0710MBS01	Dichlorodifluoromethane	2000	1700	ug/Kg	85			64	136	
	Chloromethane	2000	1700	ug/Kg	85			52	151	
	Vinyl chloride	2000	1700	ug/Kg	85			56	148	
	Bromomethane	2000	1100	ug/Kg	55		*	58	141	
	Chloroethane	2000	2200	ug/Kg	110			69	130	
	Trichlorofluoromethane	2000	1800	ug/Kg	90			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	1800	ug/Kg	90			81	123	
	1,1-Dichloroethene	2000	1800	ug/Kg	90			79	121	
	Acetone	10000	9600	ug/Kg	96			40	171	
	Carbon disulfide	2000	1700	ug/Kg	85			59	130	
	Methyl tert-butyl Ether	2000	2100	ug/Kg	105			77	129	
	Methyl Acetate	2000	2400	ug/Kg	120			69	149	
	Methylene Chloride	2000	1900	ug/Kg	95			72	131	
	trans-1,2-Dichloroethene	2000	1800	ug/Kg	90			80	123	
	1,1-Dichloroethane	2000	1900	ug/Kg	95			82	123	
	Cyclohexane	2000	1900	ug/Kg	95			76	122	
	2-Butanone	10000	11200	ug/Kg	112			69	131	
	Carbon Tetrachloride	2000	1800	ug/Kg	90			76	129	
	cis-1,2-Dichloroethene	2000	1900	ug/Kg	95			82	123	
	Bromochloromethane	2000	2200	ug/Kg	110			80	127	
	Chloroform	2000	1900	ug/Kg	95			82	125	
	1,1,1-Trichloroethane	2000	1900	ug/Kg	95			80	126	
	Methylcyclohexane	2000	1700	ug/Kg	85			77	123	
	Benzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichloroethane	2000	1900	ug/Kg	95			81	126	
	Trichloroethene	2000	1800	ug/Kg	90			83	122	
	1,2-Dichloropropane	2000	1900	ug/Kg	95			83	122	
	Bromodichloromethane	2000	1900	ug/Kg	95			82	123	
	4-Methyl-2-Pentanone	10000	11100	ug/Kg	111			70	135	
	Toluene	2000	1900	ug/Kg	95			83	122	
	t-1,3-Dichloropropene	2000	1800	ug/Kg	90			78	124	
	cis-1,3-Dichloropropene	2000	1800	ug/Kg	90			81	122	
	1,1,2-Trichloroethane	2000	1900	ug/Kg	95			82	125	
	2-Hexanone	10000	11300	ug/Kg	113			66	138	
	Dibromochloromethane	2000	1900	ug/Kg	95			79	125	
	1,2-Dibromoethane	2000	2000	ug/Kg	100			80	125	
	Tetrachloroethene	2000	1800	ug/Kg	90			83	125	
	Chlorobenzene	2000	1900	ug/Kg	95			84	122	
	Ethyl Benzene	2000	1800	ug/Kg	90			82	124	
	m/p-Xylenes	4000	3800	ug/Kg	95			83	124	
	o-Xylene	2000	1900	ug/Kg	95			83	123	
	Styrene	2000	1900	ug/Kg	95			82	124	
	Bromoform	2000	1900	ug/Kg	95			75	127	
	Isopropylbenzene	2000	1900	ug/Kg	95			82	124	
	1,1,2,2-Tetrachloroethane	2000	2000	ug/Kg	100			77	127	
	1,3-Dichlorobenzene	2000	1900	ug/Kg	95			83	122	
	1,4-Dichlorobenzene	2000	1800	ug/Kg	90			84	121	
	1,2-Dichlorobenzene	2000	1900	ug/Kg	95			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX046953.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0710MBS01	1,2-Dibromo-3-Chloropropane	2000	2000	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	2000	1700	ug/Kg	85			78	127	
	1,2,3-Trichlorobenzene	2000	1800	ug/Kg	90			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX046964.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0714MBS01	Dichlorodifluoromethane	2000	1800	ug/Kg	90			64	136	
	Chloromethane	2000	1700	ug/Kg	85			52	151	
	Vinyl chloride	2000	1800	ug/Kg	90			56	148	
	Bromomethane	2000	1800	ug/Kg	90			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	1900	ug/Kg	95			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	2000	ug/Kg	100			81	123	
	1,1-Dichloroethene	2000	1900	ug/Kg	95			79	121	
	Acetone	10000	11300	ug/Kg	113			40	171	
	Carbon disulfide	2000	1600	ug/Kg	80			59	130	
	Methyl tert-butyl Ether	2000	2300	ug/Kg	115			77	129	
	Methyl Acetate	2000	2900	ug/Kg	145			69	149	
	Methylene Chloride	2000	2000	ug/Kg	100			72	131	
	trans-1,2-Dichloroethene	2000	1900	ug/Kg	95			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	1900	ug/Kg	95			76	122	
	2-Butanone	10000	13500	ug/Kg	135		*	69	131	
	Carbon Tetrachloride	2000	2000	ug/Kg	100			76	129	
	cis-1,2-Dichloroethene	2000	2000	ug/Kg	100			82	123	
	Bromochloromethane	2000	2100	ug/Kg	105			80	127	
	Chloroform	2000	2100	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	2000	2100	ug/Kg	105			80	126	
	Methylcyclohexane	2000	1900	ug/Kg	95			77	123	
	Benzene	2000	2000	ug/Kg	100			84	121	
	1,2-Dichloroethane	2000	2100	ug/Kg	105			81	126	
	Trichloroethene	2000	1900	ug/Kg	95			83	122	
	1,2-Dichloropropane	2000	2000	ug/Kg	100			83	122	
	Bromodichloromethane	2000	2100	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	10000	13600	ug/Kg	136		*	70	135	
	Toluene	2000	2000	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	2000	2200	ug/Kg	110			78	124	
	cis-1,3-Dichloropropene	2000	2100	ug/Kg	105			81	122	
	1,1,2-Trichloroethane	2000	2200	ug/Kg	110			82	125	
	2-Hexanone	10000	14100	ug/Kg	141		*	66	138	
	Dibromochloromethane	2000	2100	ug/Kg	105			79	125	
	1,2-Dibromoethane	2000	2200	ug/Kg	110			80	125	
	Tetrachloroethene	2000	1900	ug/Kg	95			83	125	
	Chlorobenzene	2000	2000	ug/Kg	100			84	122	
	Ethyl Benzene	2000	2000	ug/Kg	100			82	124	
	m/p-Xylenes	4000	4000	ug/Kg	100			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	2100	ug/Kg	105			82	124	
	Bromoform	2000	2100	ug/Kg	105			75	127	
	Isopropylbenzene	2000	2100	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	2000	2300	ug/Kg	115			77	127	
	1,3-Dichlorobenzene	2000	2000	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	2000	2000	ug/Kg	100			84	121	
	1,2-Dichlorobenzene	2000	2000	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX046964.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0714MBS01	1,2-Dibromo-3-Chloropropane	2000	2600	ug/Kg	130			66	134	
	1,2,4-Trichlorobenzene	2000	2000	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	2000	2000	ug/Kg	100			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY022948.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0707SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			64	136	
	Chloromethane	20	19.1	ug/Kg	96			52	151	
	Vinyl chloride	20	18.8	ug/Kg	94			56	148	
	Bromomethane	20	18.8	ug/Kg	94			58	141	
	Chloroethane	20	19.0	ug/Kg	95			69	130	
	Trichlorofluoromethane	20	19.1	ug/Kg	96			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.3	ug/Kg	106			81	123	
	1,1-Dichloroethene	20	20.8	ug/Kg	104			79	121	
	Acetone	100	140	ug/Kg	140			40	171	
	Carbon disulfide	20	20.7	ug/Kg	104			59	130	
	Methyl tert-butyl Ether	20	18.4	ug/Kg	92			77	129	
	Methyl Acetate	20	16.6	ug/Kg	83			69	149	
	Methylene Chloride	20	28.4	ug/Kg	142		*	72	131	
	trans-1,2-Dichloroethene	20	20.6	ug/Kg	103			80	123	
	1,1-Dichloroethane	20	21.3	ug/Kg	106			82	123	
	Cyclohexane	20	21.0	ug/Kg	105			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	20.0	ug/Kg	100			82	123	
	Bromochloromethane	20	20.2	ug/Kg	101			80	127	
	Chloroform	20	20.5	ug/Kg	103			82	125	
	1,1,1-Trichloroethane	20	21.0	ug/Kg	105			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	19.5	ug/Kg	98			81	126	
	Trichloroethene	20	21.4	ug/Kg	107			83	122	
	1,2-Dichloropropane	20	20.8	ug/Kg	104			83	122	
	Bromodichloromethane	20	20.3	ug/Kg	102			82	123	
	4-Methyl-2-Pentanone	100	87.9	ug/Kg	88			70	135	
	Toluene	20	20.5	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97			78	124	
	cis-1,3-Dichloropropene	20	20.0	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	20	19.3	ug/Kg	97			82	125	
	2-Hexanone	100	97.0	ug/Kg	97			66	138	
	Dibromochloromethane	20	19.3	ug/Kg	97			79	125	
	1,2-Dibromoethane	20	18.6	ug/Kg	93			80	125	
	Tetrachloroethene	20	22.3	ug/Kg	112			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.4	ug/Kg	104			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Styrene	20	19.8	ug/Kg	99			82	124	
	Bromoform	20	18.3	ug/Kg	92			75	127	
	Isopropylbenzene	20	21.5	ug/Kg	108			82	124	
	1,1,2,2-Tetrachloroethane	20	18.3	ug/Kg	92			77	127	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			83	122	
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY022948.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0707SBS01	1,2-Dibromo-3-Chloropropane	20	16.8	ug/Kg	84			66	134	
	1,2,4-Trichlorobenzene	20	18.4	ug/Kg	92			78	127	
	1,2,3-Trichlorobenzene	20	17.7	ug/Kg	89			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY022970.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0708SBS01	Dichlorodifluoromethane	20	21.8	ug/Kg	109			64	136	
	Chloromethane	20	22.7	ug/Kg	114			52	151	
	Vinyl chloride	20	21.0	ug/Kg	105			56	148	
	Bromomethane	20	23.1	ug/Kg	116			58	141	
	Chloroethane	20	21.9	ug/Kg	110			69	130	
	Trichlorofluoromethane	20	21.0	ug/Kg	105			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			81	123	
	1,1-Dichloroethene	20	22.3	ug/Kg	112			79	121	
	Acetone	100	160	ug/Kg	160			40	171	
	Carbon disulfide	20	21.9	ug/Kg	110			59	130	
	Methyl tert-butyl Ether	20	20.7	ug/Kg	104			77	129	
	Methyl Acetate	20	18.0	ug/Kg	90			69	149	
	Methylene Chloride	20	29.8	ug/Kg	149		*	72	131	
	trans-1,2-Dichloroethene	20	22.1	ug/Kg	111			80	123	
	1,1-Dichloroethane	20	23.1	ug/Kg	116			82	123	
	Cyclohexane	20	22.7	ug/Kg	114			76	122	
	2-Butanone	100	130	ug/Kg	130			69	131	
	Carbon Tetrachloride	20	22.3	ug/Kg	112			76	129	
	cis-1,2-Dichloroethene	20	22.1	ug/Kg	111			82	123	
	Bromochloromethane	20	22.5	ug/Kg	113			80	127	
	Chloroform	20	22.7	ug/Kg	114			82	125	
	1,1,1-Trichloroethane	20	22.6	ug/Kg	113			80	126	
	Methylcyclohexane	20	22.3	ug/Kg	112			77	123	
	Benzene	20	22.9	ug/Kg	115			84	121	
	1,2-Dichloroethane	20	22.2	ug/Kg	111			81	126	
	Trichloroethene	20	22.7	ug/Kg	114			83	122	
	1,2-Dichloropropane	20	23.3	ug/Kg	117			83	122	
	Bromodichloromethane	20	22.5	ug/Kg	113			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	22.2	ug/Kg	111			83	122	
	t-1,3-Dichloropropene	20	21.7	ug/Kg	109			78	124	
	cis-1,3-Dichloropropene	20	22.5	ug/Kg	113			81	122	
	1,1,2-Trichloroethane	20	21.7	ug/Kg	109			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	21.3	ug/Kg	106			79	125	
	1,2-Dibromoethane	20	20.9	ug/Kg	104			80	125	
	Tetrachloroethene	20	23.1	ug/Kg	116			83	125	
	Chlorobenzene	20	22.3	ug/Kg	112			84	122	
	Ethyl Benzene	20	22.5	ug/Kg	113			82	124	
	m/p-Xylenes	40	44.2	ug/Kg	111			83	124	
	o-Xylene	20	21.8	ug/Kg	109			83	123	
	Styrene	20	21.8	ug/Kg	109			82	124	
	Bromoform	20	20.2	ug/Kg	101			75	127	
	Isopropylbenzene	20	23.1	ug/Kg	116			82	124	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	22.3	ug/Kg	112			83	122	
	1,4-Dichlorobenzene	20	22.4	ug/Kg	112			84	121	
	1,2-Dichlorobenzene	20	22.0	ug/Kg	110			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2480 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY022970.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0708SBS01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70	137	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0709SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VW031768.D | Lab Sample ID: VW0709SBL01

Date Analyzed: 07/09/2025 | Time Analyzed: 10:58

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0709SBS01	VW0709SBS01	VW031769.D	07/09/2025
GPX7	Q2480-07	VW031777.D	07/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0710SBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VW031792.D Lab Sample ID: VW0710SBL01

Date Analyzed: 07/10/2025 Time Analyzed: 10:15

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0710SBS01	VW0710SBS01	VW031793.D	07/10/2025
VW0710SBSD01	VW0710SBSD01	VW031794.D	07/10/2025
GPX3RE	Q2480-03RE	VW031795.D	07/10/2025
GPX4	Q2480-04	VW031796.D	07/10/2025
GPX6	Q2480-06	VW031797.D	07/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0710MBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046934.D Lab Sample ID: VX0710MBL01

Date Analyzed: 07/10/2025 Time Analyzed: 10:22

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
VX0710MBS01	VX0710MBS01	VX046953.D	07/10/2025
GPX5	Q2480-05	VX046955.D	07/10/2025
GPX6ME	Q2480-06ME	VX046956.D	07/10/2025
GPX7ME	Q2480-07ME	VX046957.D	07/10/2025
GPX8	Q2480-08	VX046958.D	07/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0714MBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046962.D Lab Sample ID: VX0714MBL01

Date Analyzed: 07/14/2025 Time Analyzed: 10:54

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
VX0714MBS01	VX0714MBS01	VX046964.D	07/14/2025
GPX4ME	Q2480-04ME	VX046966.D	07/14/2025
GPX2ME	Q2480-02ME	VX046967.D	07/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY0707SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VY022947.D | Lab Sample ID: VY0707SBL01

Date Analyzed: 07/07/2025 | Time Analyzed: 09:44

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0707SBS01	VY0707SBS01	VY022948.D	07/07/2025
GPX1	Q2480-01	VY022966.D	07/07/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY0708SBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VY022969.D Lab Sample ID: VY0708SBL01

Date Analyzed: 07/08/2025 Time Analyzed: 11:44

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0708SBS01	VY0708SBS01	VY022970.D	07/08/2025
GPX2	Q2480-02	VY022983.D	07/08/2025
GPX3	Q2480-03	VY022984.D	07/08/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VW031728.D | BFB Injection Date: 06/30/2025

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

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65.4
175	5.0 - 9.0% of mass 174	5.4 (8.2) 1
176	95.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031729.D	06/30/2025	09:54
VSTDICC010	VSTDICC010	VW031730.D	06/30/2025	10:15
VSTDICC020	VSTDICC020	VW031731.D	06/30/2025	10:58
VSTDICCC050	VSTDICCC050	VW031732.D	06/30/2025	11:21
VSTDICC100	VSTDICC100	VW031733.D	06/30/2025	12:34
VSTDICC150	VSTDICC150	VW031734.D	06/30/2025	12:55

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VW031766.D | BFB Injection Date: 07/09/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:51

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	52.1
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	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	68.4
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	65 (95.1) 1
177	5.0 - 9.0% of mass 176	4.2 (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	VW031767.D	07/09/2025	10:00
VW0709SBL01	VW0709SBL01	VW031768.D	07/09/2025	10:58
VW0709SBS01	VW0709SBS01	VW031769.D	07/09/2025	11:34
GPX7	Q2480-07	VW031777.D	07/09/2025	15:40

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VW031790.D | BFB Injection Date: 07/10/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:16

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

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	52.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	64.3
175	5.0 - 9.0% of mass 174	4.9 (7.6) 1
176	95.0 - 101.0% of mass 174	63.2 (98.3) 1
177	5.0 - 9.0% of mass 176	3.9 (6.1) 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	VW031791.D	07/10/2025	08:47
VW0710SBL01	VW0710SBL01	VW031792.D	07/10/2025	10:15
VW0710SBS01	VW0710SBS01	VW031793.D	07/10/2025	11:05
VW0710SBSD01	VW0710SBSD01	VW031794.D	07/10/2025	11:33
GPX3RE	Q2480-03RE	VW031795.D	07/10/2025	12:19
GPX4	Q2480-04	VW031796.D	07/10/2025	12:41
GPX6	Q2480-06	VW031797.D	07/10/2025	13:03

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VX046859.D | BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X | BFB Injection Time: 11:12

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
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	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VX046932.D | BFB Injection Date: 07/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:43

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	71.9 (95.2) 1
177	5.0 - 9.0% of mass 176	5.1 (7.1) 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	VX046933.D	07/10/2025	09:54
VX0710MBL01	VX0710MBL01	VX046934.D	07/10/2025	10:22
VX0710MBS01	VX0710MBS01	VX046953.D	07/10/2025	18:16
GPX5	Q2480-05	VX046955.D	07/10/2025	18:59
GPX6ME	Q2480-06ME	VX046956.D	07/10/2025	19:20
GPX7ME	Q2480-07ME	VX046957.D	07/10/2025	19:41
GPX8	Q2480-08	VX046958.D	07/10/2025	20:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VX046960.D | BFB Injection Date: 07/14/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:10

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	51.6
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	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	75.2
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	73.8 (98.2) 1
177	5.0 - 9.0% of mass 176	4.8 (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	VX046961.D	07/14/2025	09:16
VX0714MBL01	VX0714MBL01	VX046962.D	07/14/2025	10:54
VX0714MBS01	VX0714MBS01	VX046964.D	07/14/2025	11:39
GPX4ME	Q2480-04ME	VX046966.D	07/14/2025	12:27
GPX2ME	Q2480-02ME	VX046967.D	07/14/2025	12:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VY022775.D | BFB Injection Date: 06/23/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 10:17

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.8
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	81.9
175	5.0 - 9.0% of mass 174	6 (7.4) 1
176	95.0 - 101.0% of mass 174	78.2 (95.5) 1
177	5.0 - 9.0% of mass 176	5.1 (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
VSTDICC005	VSTDICC005	VY022776.D	06/23/2025	13:38
VSTDICC010	VSTDICC010	VY022777.D	06/23/2025	14:00
VSTDICC020	VSTDICC020	VY022778.D	06/23/2025	14:23
VSTDICCC050	VSTDICCC050	VY022779.D	06/23/2025	14:46
VSTDICC100	VSTDICC100	VY022780.D	06/23/2025	15:08
VSTDICC150	VSTDICC150	VY022781.D	06/23/2025	15:31

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VY022945.D | BFB Injection Date: 07/07/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:36

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.9
75	30.0 - 60.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	84
175	5.0 - 9.0% of mass 174	6.1 (7.2) 1
176	95.0 - 101.0% of mass 174	79.8 (95) 1
177	5.0 - 9.0% of mass 176	5.4 (6.8) 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	VY022946.D	07/07/2025	09:08
VY0707SBL01	VY0707SBL01	VY022947.D	07/07/2025	09:44
VY0707SBS01	VY0707SBS01	VY022948.D	07/07/2025	10:17
GPX1	Q2480-01	VY022966.D	07/07/2025	17:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2480

Lab File ID: VY022967.D | BFB Injection Date: 07/08/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:30

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 60.0% of mass 95	54.7
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	1 (1.2) 1
174	50.0 - 100.0% of mass 95	83.3
175	5.0 - 9.0% of mass 174	6.1 (7.3) 1
176	95.0 - 101.0% of mass 174	80.1 (96.2) 1
177	5.0 - 9.0% of mass 176	5.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022968.D	07/08/2025	11:15
VY0708SBL01	VY0708SBL01	VY022969.D	07/08/2025	11:44
VY0708SBS01	VY0708SBS01	VY022970.D	07/08/2025	12:12
GPX2	Q2480-02	VY022983.D	07/08/2025	18:10
GPX3	Q2480-03	VY022984.D	07/08/2025	18:34

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VW031767.D Date Analyzed: 07/09/2025

Instrument ID: MSVOA_W Time Analyzed: 10:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	247441	7.96	422710	8.85	377094	11.63
UPPER LIMIT	494882	8.459	845420	9.349	754188	12.129
LOWER LIMIT	123721	7.459	211355	8.349	188547	11.129
EPA SAMPLE NO.						
GPX7	202570	7.97	393419	8.86	350819	11.63
VW0709SBL01	208773	7.97	393637	8.85	349817	11.63
VW0709SBS01	187242	7.95	349121	8.85	314319	11.63

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VW031767.D Date Analyzed: 07/09/2025

Instrument ID: MSVOA_W Time Analyzed: 10:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	179078	13.556				
UPPER LIMIT	358156	14.056				
LOWER LIMIT	89539	13.056				
EPA SAMPLE NO.						
GPX7	185596	13.56				
VW0709SBL01	163801	13.56				
VW0709SBS01	151914	13.56				

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VW031791.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_W Time Analyzed: 08:47

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	245114	7.97	431816	8.85	372703	11.63
UPPER LIMIT	490228	8.465	863632	9.349	745406	12.129
LOWER LIMIT	122557	7.465	215908	8.349	186352	11.129
EPA SAMPLE NO.						
GPX3RE	62804 *	7.96	119782 *	8.85	95395 *	11.64
GPX4	183364	7.97	381218	8.86	355538	11.64
GPX6	179251	7.97	363855	8.86	322565	11.63
VW0710SBL01	178449	7.96	403423	8.85	368923	11.64
VW0710SBS01	227800	7.97	411611	8.86	356304	11.64
VW0710SBSD01	226314	7.97	415001	8.85	365558	11.63

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VW031791.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_W Time Analyzed: 08:47

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	173821		13.556				
UPPER LIMIT	347642		14.056				
LOWER LIMIT	86910.5		13.056				
EPA SAMPLE NO.							
GPX3RE	38547	*	13.56				
GPX4	162355		13.56				
GPX6	190018		13.56				
VW0710SBL01	171872		13.56				
VW0710SBS01	178658		13.56				
VW0710SBSD01	173637		13.56				

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046933.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:54

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	309661	5.56	506196	6.76	449744	10.05
UPPER LIMIT	619322	6.056	1012390	7.263	899488	10.549
LOWER LIMIT	154831	5.056	253098	6.263	224872	9.549
EPA SAMPLE NO.						
GPX5	264865	5.56	461340	6.77	407988	10.06
GPX6ME	352552	5.56	617302	6.76	563552	10.06
GPX7ME	249557	5.56	445780	6.77	406077	10.06
GPX8	377228	5.56	658079	6.77	584775	10.06
VX0710MBL01	220827	5.56	390309	6.76	362012	10.06
VX0710MBS01	334978	5.56	561587	6.77	507345	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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046933.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:54

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

	IS4 AREA #	RT #				
12 HOUR STD	231018	12.018				
UPPER LIMIT	462036	12.518				
LOWER LIMIT	115509	11.518				
EPA SAMPLE NO.						
GPX5	192639	12.02				
GPX6ME	282479	12.02				
GPX7ME	201295	12.02				
GPX8	281510	12.02				
VX0710MBL01	178141	12.02				
VX0710MBS01	262771	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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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	302863	5.56	503750	6.76	451308	10.05
UPPER LIMIT	605726	6.056	1007500	7.263	902616	10.549
LOWER LIMIT	151432	5.056	251875	6.263	225654	9.549
EPA SAMPLE NO.						
GPX2ME	302766	5.56	512075	6.76	458895	10.06
GPX4ME	315290	5.56	536279	6.76	490599	10.06
VX0714MBL01	353449	5.56	590149	6.77	542379	10.06
VX0714MBS01	309393	5.56	505368	6.77	459018	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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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

	IS4 AREA #	RT #				
12 HOUR STD	220043	12.018				
UPPER LIMIT	440086	12.518				
LOWER LIMIT	110022	11.518				
EPA SAMPLE NO.						
GPX2ME	234758	12.02				
GPX4ME	247915	12.02				
VX0714MBL01	279389	12.02				
VX0714MBS01	231775	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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VY022946.D Date Analyzed: 07/07/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:08

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	469181	7.71	754142	8.62	648632	11.41
UPPER LIMIT	938362	8.207	1508280	9.116	1297260	11.914
LOWER LIMIT	234591	7.207	377071	8.116	324316	10.914
EPA SAMPLE NO.						
GPX1	283156	7.71	548345	8.62	553452	11.41
VY0707SBL01	359794	7.71	659995	8.62	632698	11.41
VY0707SBS01	438661	7.71	730129	8.61	612594	11.41

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VY022946.D Date Analyzed: 07/07/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:08

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	317038	13.347				
UPPER LIMIT	634076	13.847				
LOWER LIMIT	158519	12.847				
EPA SAMPLE NO.						
GPX1	230891	13.35				
VY0707SBL01	266428	13.35				
VY0707SBS01	286401	13.35				

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VY022968.D Date Analyzed: 07/08/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:15

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	422213	7.71	699147	8.62	604420	11.41
UPPER LIMIT	844426	8.207	1398290	9.116	1208840	11.914
LOWER LIMIT	211107	7.207	349574	8.116	302210	10.914
EPA SAMPLE NO.						
GPX2	323213	7.71	600118	8.62	719431	11.41
GPX3	292899	7.71	553522	8.62	566452	11.41
VY0708SBL01	314896	7.71	593436	8.62	582188	11.41
VY0708SBS01	371442	7.71	616012	8.62	524718	11.41

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: GENV01

Lab Code: ACE SDG NO.: Q2480

Lab File ID: VY022968.D Date Analyzed: 07/08/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:15

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	299896	13.347				
UPPER LIMIT	599792	13.847				
LOWER LIMIT	149948	12.847				
EPA SAMPLE NO.						
GPX2	367703	13.35				
GPX3	267602	13.34				
VY0708SBL01	250516	13.34				
VY0708SBS01	246530	13.34				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031768.D	1	07/09/25 10:58	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031768.D	1	07/09/25 10:58	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.4		63 - 155	89%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	45.6		74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.8		17 - 146	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209000	7.965			
540-36-3	1,4-Difluorobenzene	394000	8.849			
3114-55-4	Chlorobenzene-d5	350000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031768.D	1	07/09/25 10:58	VW070925

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031792.D	1	07/10/25 10:15	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031792.D	1	07/10/25 10:15	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.9		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	45.5		74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		17 - 146	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	178000	7.959			
540-36-3	1,4-Difluorobenzene	403000	8.849			
3114-55-4	Chlorobenzene-d5	369000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBL01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031792.D	1	07/10/25 10:15	VW071025

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046934.D	1	07/10/25 10:22	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

Raw Data: **VX046934.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046934.D	1	07/10/25 10:22	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		17 - 146	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	221000	5.556			
540-36-3	1,4-Difluorobenzene	390000	6.763			
3114-55-4	Chlorobenzene-d5	362000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	178000	12.018			

Raw Data: **VX046934.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046934.D	1	07/10/25 10:22	VX071025

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046962.D	1	07/14/25 10:54	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

Raw Data: **VX046962.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046962.D	1	07/14/25 10:54	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	48.8		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		17 - 146	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	353000	5.562			
540-36-3	1,4-Difluorobenzene	590000	6.769			
3114-55-4	Chlorobenzene-d5	542000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	279000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBL01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046962.D	1	07/14/25 10:54	VX071425

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022947.D	1	07/07/25 09:44	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Raw Data: **VY022947.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022947.D	1	07/07/25 09:44	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.7		63 - 155	91%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.9		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		17 - 146	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	360000	7.707			
540-36-3	1,4-Difluorobenzene	660000	8.616			
3114-55-4	Chlorobenzene-d5	633000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	266000	13.346			

Raw Data: **VY022947.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022947.D	1	07/07/25 09:44	VY070725

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022969.D	1	07/08/25 11:44	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022969.D	1	07/08/25 11:44	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		17 - 146	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	315000	7.707			
540-36-3	1,4-Difluorobenzene	593000	8.616			
3114-55-4	Chlorobenzene-d5	582000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	251000	13.34			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBL01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022969.D	1	07/08/25 11:44	VY070825

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031769.D	1	07/09/25 11:34	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	23.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	23.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	24.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	23.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	23.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	23.8		1.00	5.00	ug/Kg
67-64-1	Acetone	130		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	24.4		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	23.1		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	35.2		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	24.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	24.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	23.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	130		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	24.8		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	24.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	24.3		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	24.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	22.9		0.91	5.00	ug/Kg
71-43-2	Benzene	23.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	23.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	23.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	23.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	24.1		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031769.D	1	07/09/25 11:34	VW070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	23.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	23.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	23.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	23.7		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	23.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	23.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	46.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	23.7		0.82	5.00	ug/Kg
100-42-5	Styrene	23.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.7		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	22.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	23.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	24.1		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	23.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	24.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	24.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	23.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.7		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	57.7		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	58.6		74 - 123	117%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.5		17 - 146	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	7.953			
540-36-3	1,4-Difluorobenzene	349000	8.849			
3114-55-4	Chlorobenzene-d5	314000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0709SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0709SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031769.D	1	07/09/25 11:34	VW070925

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031793.D	1	07/10/25 11:05	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	19.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.3		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.2		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.2		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.8		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.2		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.2		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.8		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.4		0.91	5.00	ug/Kg
71-43-2	Benzene	20.8		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.4		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.1		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.9		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031793.D	1	07/10/25 11:05	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.8		0.82	5.00	ug/Kg
100-42-5	Styrene	21.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.1		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.0		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.4		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	7.965			
540-36-3	1,4-Difluorobenzene	412000	8.855			
3114-55-4	Chlorobenzene-d5	356000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBS01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031793.D	1	07/10/25 11:05	VW071025

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046953.D	1	07/10/25 18:16	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1700		110	500	ug/Kg
74-87-3	Chloromethane	1700		110	500	ug/Kg
75-01-4	Vinyl Chloride	1700		79.0	500	ug/Kg
74-83-9	Bromomethane	1100		110	500	ug/Kg
75-00-3	Chloroethane	2200		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1800		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1800		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	1800		100	500	ug/Kg
67-64-1	Acetone	9600		470	2500	ug/Kg
75-15-0	Carbon Disulfide	1700		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2100		73.0	500	ug/Kg
79-20-9	Methyl Acetate	2400		150	500	ug/Kg
75-09-2	Methylene Chloride	1900		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1800		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	1900		80.0	500	ug/Kg
110-82-7	Cyclohexane	1900		79.0	500	ug/Kg
78-93-3	2-Butanone	11200		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1800		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1900		75.0	500	ug/Kg
74-97-5	Bromochloromethane	2200		120	500	ug/Kg
67-66-3	Chloroform	1900		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	1900		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1700		91.0	500	ug/Kg
71-43-2	Benzene	1900		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	1900		79.0	500	ug/Kg
79-01-6	Trichloroethene	1800		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	1900		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	1900		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11100		360	2500	ug/Kg
108-88-3	Toluene	1900		78.0	500	ug/Kg

Raw Data: **VX046953.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046953.D	1	07/10/25 18:16	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1800		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1800		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	1900		92.0	500	ug/Kg
591-78-6	2-Hexanone	11300		370	2500	ug/Kg
124-48-1	Dibromochloromethane	1900		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2000		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1800		110	500	ug/Kg
108-90-7	Chlorobenzene	1900		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	1800		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3800		120	1000	ug/Kg
95-47-6	o-Xylene	1900		82.0	500	ug/Kg
100-42-5	Styrene	1900		71.0	500	ug/Kg
75-25-2	Bromoform	1900		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2000		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2000		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1800		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	50.1		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		17 - 146	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	335000	5.562			
540-36-3	1,4-Difluorobenzene	562000	6.769			
3114-55-4	Chlorobenzene-d5	507000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	263000	12.018			

Raw Data: **VX046953.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0710MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0710MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046953.D	1	07/10/25 18:16	VX071025

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046964.D	1	07/14/25 11:39	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1800		110	500	ug/Kg
74-87-3	Chloromethane	1700		110	500	ug/Kg
75-01-4	Vinyl Chloride	1800		79.0	500	ug/Kg
74-83-9	Bromomethane	1800		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1900		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2000		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	1900		100	500	ug/Kg
67-64-1	Acetone	11300		470	2500	ug/Kg
75-15-0	Carbon Disulfide	1600		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2300		73.0	500	ug/Kg
79-20-9	Methyl Acetate	2900		150	500	ug/Kg
75-09-2	Methylene Chloride	2000		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1900		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	2000		80.0	500	ug/Kg
110-82-7	Cyclohexane	1900		79.0	500	ug/Kg
78-93-3	2-Butanone	13500		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	2000		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2000		75.0	500	ug/Kg
74-97-5	Bromochloromethane	2100		120	500	ug/Kg
67-66-3	Chloroform	2100		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	2100		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1900		91.0	500	ug/Kg
71-43-2	Benzene	2000		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	2100		79.0	500	ug/Kg
79-01-6	Trichloroethene	1900		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	2000		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2100		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13600		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

Raw Data: **VX046964.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046964.D	1	07/14/25 11:39	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2200		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2100		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2200		92.0	500	ug/Kg
591-78-6	2-Hexanone	14100		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2100		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2200		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1900		110	500	ug/Kg
108-90-7	Chlorobenzene	2000		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	2000		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	4000		120	1000	ug/Kg
95-47-6	o-Xylene	2000		82.0	500	ug/Kg
100-42-5	Styrene	2100		71.0	500	ug/Kg
75-25-2	Bromoform	2100		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	2100		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2300		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2600		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2000		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	51.0		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	309000	5.562			
540-36-3	1,4-Difluorobenzene	505000	6.769			
3114-55-4	Chlorobenzene-d5	459000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	232000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VX0714MBS01	SDG No.:	Q2480
Lab Sample ID:	VX0714MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046964.D	1	07/14/25 11:39	VX071425

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022948.D	1	07/07/25 10:17	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	18.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	19.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.3		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.8		1.00	5.00	ug/Kg
67-64-1	Acetone	140		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	18.4		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	16.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	28.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.6		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.0		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.0		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.2		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.0		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.5		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.4		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	87.9		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

Raw Data: **VY022948.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022948.D	1	07/07/25 10:17	VY070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	97.0		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	18.6		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	19.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.4		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	17.7		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.4		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		17 - 146	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	439000	7.707			
540-36-3	1,4-Difluorobenzene	730000	8.609			
3114-55-4	Chlorobenzene-d5	613000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	286000	13.346			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0707SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0707SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022948.D	1	07/07/25 10:17	VY070725

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022970.D	1	07/08/25 12:12	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	22.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.3		1.00	5.00	ug/Kg
67-64-1	Acetone	160		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.0		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	29.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	22.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	130		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	22.3		0.91	5.00	ug/Kg
71-43-2	Benzene	22.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	23.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	22.2		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022970.D	1	07/08/25 12:12	VY070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.7		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	23.1		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	44.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.8		0.82	5.00	ug/Kg
100-42-5	Styrene	21.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	23.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	22.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.0		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	53.5		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	371000	7.707			
540-36-3	1,4-Difluorobenzene	616000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	247000	13.34			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY0708SBS01	SDG No.:	Q2480
Lab Sample ID:	VY0708SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022970.D	1	07/08/25 12:12	VY070825

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBSD01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031794.D	1	07/10/25 11:33	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.7		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	19.4		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	16.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.2		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.0		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.6		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.0		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.6		0.91	5.00	ug/Kg
71-43-2	Benzene	21.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.1		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.7		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBSD01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031794.D	1	07/10/25 11:33	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.2		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.1		0.82	5.00	ug/Kg
100-42-5	Styrene	21.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	49.8		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		17 - 146	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	7.965			
540-36-3	1,4-Difluorobenzene	415000	8.849			
3114-55-4	Chlorobenzene-d5	366000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VW0710SBSD01	SDG No.:	Q2480
Lab Sample ID:	VW0710SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031794.D	1	07/10/25 11:33	VW071025

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

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.3
Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.1
Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4
Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.9
Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.1
Trichlorofluoromethane	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.7
1,1,2-Trichlorotrifluoroethane	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.4
1,1-Dichloroethene	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.4
Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.8
Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.5
Methyl tert-butyl Ether	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.3
Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.6
Methylene Chloride	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.7
trans-1,2-Dichloroethene	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.9
1,1-Dichloroethane	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.1
Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.9
2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.6
Carbon Tetrachloride	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.2
cis-1,2-Dichloroethene	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.5
Bromochloromethane	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.7
Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.2
1,1,1-Trichloroethane	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.1
Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.6
Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.4
1,2-Dichloroethane	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.7
Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.1
1,2-Dichloropropane	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.7
Bromodichloromethane	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.4
4-Methyl-2-Pentanone	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.5
Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.7

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2480

Instrument ID: MSVOA_W | Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.7
cis-1,3-Dichloropropene	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.1
1,1,2-Trichloroethane	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4
2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.6
Dibromochloromethane	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3
1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.7
Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.2
Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.4
Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.3
m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.6
o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.7
Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.1
Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.1
Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.4
1,1,2,2-Tetrachloroethane	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.2
1,3-Dichlorobenzene	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.5
1,4-Dichlorobenzene	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.4
1,2-Dichlorobenzene	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.2
1,2-Dibromo-3-Chloropropane	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.6
1,2,4-Trichlorobenzene	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5
1,2,3-Trichlorobenzene	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5
1,2-Dichloroethane-d4	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.8
Dibromofluoromethane	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.6
Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.7
4-Bromofluorobenzene	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.4

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2480

Instrument ID: MSVOA_Y | Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.424	0.456	0.474	0.424	0.404	0.384	0.428	7.7
Chloromethane	0.837	0.921	0.865	0.793	0.758	0.724	0.816	8.9
Vinyl Chloride	0.934	1.099	1.091	1.045	0.993	0.958	1.020	6.8
Bromomethane	0.784	0.885	0.854	0.771	0.760	0.756	0.802	6.8
Chloroethane	0.649	0.736	0.722	0.694	0.673	0.640	0.686	5.6
Trichlorofluoromethane	0.999	1.180	1.219	1.166	1.127	1.085	1.129	7
1,1,2-Trichlorotrifluoroethane	0.508	0.560	0.547	0.515	0.492	0.474	0.516	6.3
1,1-Dichloroethene	0.478	0.539	0.524	0.514	0.500	0.483	0.506	4.7
Acetone	0.117	0.124	0.114	0.095	0.096	0.087	0.105	13.9
Carbon Disulfide	1.516	1.705	1.731	1.667	1.625	1.566	1.635	5.1
Methyl tert-butyl Ether	1.173	1.398	1.396	1.435	1.460	1.405	1.378	7.5
Methyl Acetate	0.272	0.358	0.440	0.351	0.353	0.322	0.349	15.7
Methylene Chloride	0.840	0.777	0.664	0.590	0.578	0.548	0.666	17.7
trans-1,2-Dichloroethene	0.521	0.604	0.597	0.592	0.581	0.575	0.578	5.2
1,1-Dichloroethane	0.949	1.075	1.079	1.077	1.055	1.030	1.044	4.8
Cyclohexane	0.998	1.021	0.988	0.946	0.905	0.894	0.959	5.4
2-Butanone	0.145	0.160	0.160	0.153	0.156	0.147	0.154	4.4
Carbon Tetrachloride	0.439	0.498	0.507	0.491	0.492	0.491	0.486	5
cis-1,2-Dichloroethene	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.8
Bromochloromethane	0.437	0.431	0.437	0.459	0.443	0.427	0.439	2.6
Chloroform	0.986	1.130	1.099	1.096	1.084	1.059	1.076	4.6
1,1,1-Trichloroethane	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.7
Methylcyclohexane	0.543	0.589	0.610	0.618	0.608	0.611	0.596	4.7
Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.9
1,2-Dichloroethane	0.335	0.397	0.402	0.400	0.404	0.392	0.388	6.8
Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.6
1,2-Dichloropropane	0.289	0.339	0.345	0.339	0.341	0.337	0.332	6.4
Bromodichloromethane	0.422	0.495	0.496	0.498	0.504	0.498	0.485	6.4
4-Methyl-2-Pentanone	0.168	0.201	0.215	0.226	0.230	0.221	0.210	10.9
Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.8

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.355	0.430	0.438	0.451	0.473	0.473	0.437	10
cis-1,3-Dichloropropene	0.412	0.503	0.523	0.524	0.540	0.538	0.506	9.6
1,1,2-Trichloroethane	0.207	0.249	0.249	0.253	0.255	0.250	0.244	7.4
2-Hexanone	0.115	0.140	0.145	0.151	0.157	0.149	0.143	10.5
Dibromochloromethane	0.260	0.315	0.321	0.329	0.336	0.329	0.315	8.8
1,2-Dibromoethane	0.193	0.231	0.229	0.237	0.244	0.236	0.228	7.8
Tetrachloroethene	0.399	0.465	0.535	0.515	0.473	0.446	0.472	10.3
Chlorobenzene	0.981	1.110	1.131	1.126	1.130	1.114	1.099	5.3
Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.9
m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.8
o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	10
Styrene	0.926	1.108	1.165	1.249	1.309	1.309	1.178	12.5
Bromoform	0.178	0.204	0.203	0.212	0.225	0.220	0.207	8
Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.7
1,1,2,2-Tetrachloroethane	0.597	0.659	0.566	0.567	0.594	0.593	0.596	5.6
1,3-Dichlorobenzene	1.546	1.660	1.692	1.708	1.750	1.744	1.683	4.5
1,4-Dichlorobenzene	1.564	1.740	1.688	1.685	1.690	1.666	1.672	3.5
1,2-Dichlorobenzene	1.395	1.488	1.502	1.499	1.515	1.502	1.483	3
1,2-Dibromo-3-Chloropropane	0.102	0.101	0.103	0.103	0.102	0.096	0.101	2.7
1,2,4-Trichlorobenzene	0.778	0.841	0.848	0.843	0.871	0.845	0.838	3.7
1,2,3-Trichlorobenzene	0.679	0.723	0.735	0.728	0.751	0.727	0.724	3.3
1,2-Dichloroethane-d4	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.8
Dibromofluoromethane	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.3
Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.6
4-Bromofluorobenzene	0.368	0.362	0.370	0.385	0.423	0.421	0.388	7

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_W
Calibration Date/Time: 07/09/2025 10:00
Lab File ID: VW031767.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.331		-2.93	20
Chloromethane	0.411	0.384	0.1	-6.57	20
Vinyl Chloride	0.540	0.532		-1.48	20
Bromomethane	0.421	0.386		-8.31	20
Chloroethane	0.367	0.343		-6.54	20
Trichlorofluoromethane	0.490	0.475		-3.06	20
1,1,2-Trichlorotrifluoroethane	0.544	0.529		-2.76	20
1,1-Dichloroethene	0.596	0.593		-0.5	20
Acetone	0.177	0.171		-3.39	20
Carbon Disulfide	1.594	1.557		-2.32	20
Methyl tert-butyl Ether	1.011	1.032		2.08	20
Methyl Acetate	0.507	0.530		4.54	20
Methylene Chloride	0.814	0.724		-11.06	20
trans-1,2-Dichloroethene	0.633	0.619		-2.21	20
1,1-Dichloroethane	1.156	1.146	0.1	-0.87	20
Cyclohexane	1.022	0.962		-5.87	20
2-Butanone	0.231	0.241		4.33	20
Carbon Tetrachloride	0.481	0.516		7.28	20
cis-1,2-Dichloroethene	0.728	0.736		1.1	20
Bromochloromethane	0.510	0.495		-2.94	20
Chloroform	1.228	1.231		0.24	20
1,1,1-Trichloroethane	0.946	0.975		3.07	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.397	1.463		4.72	20
1,2-Dichloroethane	0.472	0.483		2.33	20
Trichloroethene	0.349	0.365		4.59	20
1,2-Dichloropropane	0.338	0.351		3.85	20
Bromodichloromethane	0.511	0.539		5.48	20
4-Methyl-2-Pentanone	0.295	0.323		9.49	20
Toluene	0.894	0.951		6.38	20
t-1,3-Dichloropropene	0.480	0.527		9.79	20
cis-1,3-Dichloropropene	0.544	0.580		6.62	20
1,1,2-Trichloroethane	0.286	0.298		4.2	20
2-Hexanone	0.200	0.226		13	20
Dibromochloromethane	0.341	0.372		9.09	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.331		1.22	20
Chlorobenzene	1.103	1.179	0.3	6.89	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_W
Calibration Date/Time: 07/09/2025 10:00
Lab File ID: VW031767.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.057		7.53	20
m/p-Xylenes	0.735	0.791		7.62	20
o-Xylene	0.681	0.750		10.13	20
Styrene	1.177	1.273		8.16	20
Bromoform	0.210	0.238	0.1	13.33	20
Isopropylbenzene	3.803	4.177		9.83	20
1,1,2,2-Tetrachloroethane	0.844	0.907	0.3	7.46	20
1,3-Dichlorobenzene	1.701	1.802		5.94	20
1,4-Dichlorobenzene	1.741	1.775		1.95	20
1,2-Dichlorobenzene	1.555	1.600		2.89	20
1,2-Dibromo-3-Chloropropane	0.165	0.179		8.48	20
1,2,4-Trichlorobenzene	0.959	1.007		5.01	20
1,2,3-Trichlorobenzene	0.881	1.004		13.96	20
1,2-Dichloroethane-d4	0.718	0.657		-8.5	20
Dibromofluoromethane	0.326	0.327		0.31	20
Toluene-d8	1.214	1.234		1.65	20
4-Bromofluorobenzene	0.447	0.452		1.12	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_W
Calibration Date/Time: 07/10/2025 08:47
Lab File ID: VW031791.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.332		-2.64	20
Chloromethane	0.411	0.420	0.1	2.19	20
Vinyl Chloride	0.540	0.564		4.44	20
Bromomethane	0.421	0.402		-4.51	20
Chloroethane	0.367	0.366		-0.27	20
Trichlorofluoromethane	0.490	0.492		0.41	20
1,1,2-Trichlorotrifluoroethane	0.544	0.551		1.29	20
1,1-Dichloroethene	0.596	0.602		1.01	20
Acetone	0.177	0.174		-1.7	20
Carbon Disulfide	1.594	1.572		-1.38	20
Methyl tert-butyl Ether	1.011	1.104		9.2	20
Methyl Acetate	0.507	0.519		2.37	20
Methylene Chloride	0.814	0.823		1.11	20
trans-1,2-Dichloroethene	0.633	0.640		1.11	20
1,1-Dichloroethane	1.156	1.209	0.1	4.59	20
Cyclohexane	1.022	1.029		0.69	20
2-Butanone	0.231	0.241		4.33	20
Carbon Tetrachloride	0.481	0.507		5.41	20
cis-1,2-Dichloroethene	0.728	0.766		5.22	20
Bromochloromethane	0.510	0.525		2.94	20
Chloroform	1.228	1.273		3.66	20
1,1,1-Trichloroethane	0.946	0.972		2.75	20
Methylcyclohexane	0.587	0.637		8.52	20
Benzene	1.397	1.483		6.16	20
1,2-Dichloroethane	0.472	0.498		5.51	20
Trichloroethene	0.349	0.349		0	20
1,2-Dichloropropane	0.338	0.363		7.4	20
Bromodichloromethane	0.511	0.559		9.39	20
4-Methyl-2-Pentanone	0.295	0.312		5.76	20
Toluene	0.894	0.967		8.17	20
t-1,3-Dichloropropene	0.480	0.540		12.5	20
cis-1,3-Dichloropropene	0.544	0.610		12.13	20
1,1,2-Trichloroethane	0.286	0.303		5.94	20
2-Hexanone	0.200	0.219		9.5	20
Dibromochloromethane	0.341	0.365		7.04	20
1,2-Dibromoethane	0.286	0.301		5.24	20
Tetrachloroethene	0.327	0.330		0.92	20
Chlorobenzene	1.103	1.194	0.3	8.25	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_W
Calibration Date/Time: 07/10/2025 08:47
Lab File ID: VW031791.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.125		11.08	20
m/p-Xylenes	0.735	0.834		13.47	20
o-Xylene	0.681	0.781		14.68	20
Styrene	1.177	1.307		11.05	20
Bromoform	0.210	0.217	0.1	3.33	20
Isopropylbenzene	3.803	4.324		13.7	20
1,1,2,2-Tetrachloroethane	0.844	0.925	0.3	9.6	20
1,3-Dichlorobenzene	1.701	1.790		5.23	20
1,4-Dichlorobenzene	1.741	1.807		3.79	20
1,2-Dichlorobenzene	1.555	1.645		5.79	20
1,2-Dibromo-3-Chloropropane	0.165	0.173		4.85	20
1,2,4-Trichlorobenzene	0.959	1.053		9.8	20
1,2,3-Trichlorobenzene	0.881	0.966		9.65	20
1,2-Dichloroethane-d4	0.718	0.700		-2.51	20
Dibromofluoromethane	0.326	0.329		0.92	20
Toluene-d8	1.214	1.231		1.4	20
4-Bromofluorobenzene	0.447	0.459		2.68	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_X
Calibration Date/Time: 07/10/2025 09:54
Lab File ID: VX046933.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.491		2.72	20
Chloromethane	0.522	0.530	0.1	1.53	20
Vinyl Chloride	0.569	0.575		1.05	20
Bromomethane	0.366	0.384		4.92	20
Chloroethane	0.376	0.378		0.53	20
Trichlorofluoromethane	0.880	0.925		5.11	20
1,1,2-Trichlorotrifluoroethane	0.561	0.602		7.31	20
1,1-Dichloroethene	0.542	0.561		3.51	20
Acetone	0.205	0.237		15.61	20
Carbon Disulfide	1.422	1.331		-6.4	20
Methyl tert-butyl Ether	1.531	1.789		16.85	20
Methyl Acetate	0.541	0.697		28.83	20
Methylene Chloride	0.607	0.664		9.39	20
trans-1,2-Dichloroethene	0.555	0.582		4.86	20
1,1-Dichloroethane	1.064	1.156	0.1	8.65	20
Cyclohexane	0.944	0.949		0.53	20
2-Butanone	0.274	0.323		17.88	20
Carbon Tetrachloride	0.484	0.514		6.2	20
cis-1,2-Dichloroethene	0.677	0.724		6.94	20
Bromochloromethane	0.525	0.563		7.24	20
Chloroform	1.087	1.184		8.92	20
1,1,1-Trichloroethane	0.908	0.966		6.39	20
Methylcyclohexane	0.573	0.572		-0.17	20
Benzene	1.385	1.459		5.34	20
1,2-Dichloroethane	0.470	0.518		10.21	20
Trichloroethene	0.361	0.366		1.38	20
1,2-Dichloropropane	0.350	0.379		8.29	20
Bromodichloromethane	0.518	0.576		11.2	20
4-Methyl-2-Pentanone	0.353	0.415		17.56	20
Toluene	0.858	0.906		5.59	20
t-1,3-Dichloropropene	0.462	0.530		14.72	20
cis-1,3-Dichloropropene	0.527	0.594		12.71	20
1,1,2-Trichloroethane	0.320	0.359		12.19	20
2-Hexanone	0.234	0.282		20.51	20
Dibromochloromethane	0.383	0.429		12.01	20
1,2-Dibromoethane	0.321	0.361		12.46	20
Tetrachloroethene	0.333	0.343		3	20
Chlorobenzene	1.081	1.156	0.3	6.94	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_X Calibration Date/Time: 07/10/2025 09:54

Lab File ID: VX046933.D Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.991		7.56	20
m/p-Xylenes	0.698	0.748		7.16	20
o-Xylene	0.674	0.731		8.46	20
Styrene	1.153	1.280		11.02	20
Bromoform	0.270	0.310	0.1	14.81	20
Isopropylbenzene	3.515	3.800		8.11	20
1,1,2,2-Tetrachloroethane	0.966	1.071	0.3	10.87	20
1,3-Dichlorobenzene	1.637	1.724		5.32	20
1,4-Dichlorobenzene	1.704	1.741		2.17	20
1,2-Dichlorobenzene	1.587	1.671		5.29	20
1,2-Dibromo-3-Chloropropane	0.169	0.191		13.02	20
1,2,4-Trichlorobenzene	1.078	1.137		5.47	20
1,2,3-Trichlorobenzene	1.019	1.098		7.75	20
1,2-Dichloroethane-d4	0.661	0.672		1.66	20
Dibromofluoromethane	0.339	0.344		1.48	20
Toluene-d8	1.197	1.173		-2.01	20
4-Bromofluorobenzene	0.455	0.452		-0.66	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_X
Calibration Date/Time: 07/14/2025 09:16
Lab File ID: VX046961.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.487		1.88	20
Chloromethane	0.522	0.477	0.1	-8.62	20
Vinyl Chloride	0.569	0.565		-0.7	20
Bromomethane	0.366	0.365		-0.27	20
Chloroethane	0.376	0.357		-5.05	20
Trichlorofluoromethane	0.880	0.919		4.43	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.553		2.03	20
Acetone	0.205	0.234		14.15	20
Carbon Disulfide	1.422	1.298		-8.72	20
Methyl tert-butyl Ether	1.531	1.868		22.01	20
Methyl Acetate	0.541	0.769		42.14	20
Methylene Chloride	0.607	0.629		3.62	20
trans-1,2-Dichloroethene	0.555	0.557		0.36	20
1,1-Dichloroethane	1.064	1.127	0.1	5.92	20
Cyclohexane	0.944	0.919		-2.65	20
2-Butanone	0.274	0.340		24.09	20
Carbon Tetrachloride	0.484	0.506		4.55	20
cis-1,2-Dichloroethene	0.677	0.712		5.17	20
Bromochloromethane	0.525	0.551		4.95	20
Chloroform	1.087	1.141		4.97	20
1,1,1-Trichloroethane	0.908	0.987		8.7	20
Methylcyclohexane	0.573	0.556		-2.97	20
Benzene	1.385	1.391		0.43	20
1,2-Dichloroethane	0.470	0.497		5.74	20
Trichloroethene	0.361	0.355		-1.66	20
1,2-Dichloropropane	0.350	0.364		4	20
Bromodichloromethane	0.518	0.552		6.56	20
4-Methyl-2-Pentanone	0.353	0.436		23.51	20
Toluene	0.858	0.875		1.98	20
t-1,3-Dichloropropene	0.462	0.534		15.58	20
cis-1,3-Dichloropropene	0.527	0.581		10.25	20
1,1,2-Trichloroethane	0.320	0.348		8.75	20
2-Hexanone	0.234	0.300		28.2	20
Dibromochloromethane	0.383	0.413		7.83	20
1,2-Dibromoethane	0.321	0.347		8.1	20
Tetrachloroethene	0.333	0.320		-3.9	20
Chlorobenzene	1.081	1.090	0.3	0.83	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_X
Calibration Date/Time: 07/14/2025 09:16
Lab File ID: VX046961.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.887		1.95	20
m/p-Xylenes	0.698	0.709		1.58	20
o-Xylene	0.674	0.690		2.37	20
Styrene	1.153	1.208		4.77	20
Bromoform	0.270	0.301	0.1	11.48	20
Isopropylbenzene	3.515	3.763		7.05	20
1,1,2,2-Tetrachloroethane	0.966	1.107	0.3	14.6	20
1,3-Dichlorobenzene	1.637	1.719		5.01	20
1,4-Dichlorobenzene	1.704	1.738		2	20
1,2-Dichlorobenzene	1.587	1.657		4.41	20
1,2-Dibromo-3-Chloropropane	0.169	0.217		28.4	20
1,2,4-Trichlorobenzene	1.078	1.145		6.22	20
1,2,3-Trichlorobenzene	1.019	1.115		9.42	20
1,2-Dichloroethane-d4	0.661	0.674		1.97	20
Dibromofluoromethane	0.339	0.336		-0.88	20
Toluene-d8	1.197	1.136		-5.1	20
4-Bromofluorobenzene	0.455	0.448		-1.54	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_Y
Calibration Date/Time: 07/07/2025 09:08
Lab File ID: VY022946.D
Init. Calib. Date(s): 06/23/2025 06/23/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 13:38 15:31
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.380		-11.22	20
Chloromethane	0.816	0.771	0.1	-5.51	20
Vinyl Chloride	1.020	0.912		-10.59	20
Bromomethane	0.802	0.649		-19.08	20
Chloroethane	0.686	0.623		-9.18	20
Trichlorofluoromethane	1.129	1.008		-10.72	20
1,1,2-Trichlorotrifluoroethane	0.516	0.504		-2.33	20
1,1-Dichloroethene	0.506	0.485		-4.15	20
Acetone	0.105	0.125		19.05	20
Carbon Disulfide	1.635	1.542		-5.69	20
Methyl tert-butyl Ether	1.378	1.304		-5.37	20
Methyl Acetate	0.349	0.311		-10.89	20
Methylene Chloride	0.666	0.591		-11.26	20
trans-1,2-Dichloroethene	0.578	0.557		-3.63	20
1,1-Dichloroethane	1.044	1.033	0.1	-1.05	20
Cyclohexane	0.959	0.918		-4.28	20
2-Butanone	0.154	0.158		2.6	20
Carbon Tetrachloride	0.486	0.497		2.26	20
cis-1,2-Dichloroethene	0.672	0.646		-3.87	20
Bromochloromethane	0.439	0.443		0.91	20
Chloroform	1.076	1.037		-3.54	20
1,1,1-Trichloroethane	0.929	0.915		-1.51	20
Methylcyclohexane	0.596	0.610		2.35	20
Benzene	1.417	1.451		2.4	20
1,2-Dichloroethane	0.388	0.385		-0.77	20
Trichloroethene	0.356	0.363		1.97	20
1,2-Dichloropropane	0.332	0.341		2.71	20
Bromodichloromethane	0.485	0.491		1.24	20
4-Methyl-2-Pentanone	0.210	0.217		3.33	20
Toluene	0.894	0.904		1.12	20
t-1,3-Dichloropropene	0.437	0.448		2.52	20
cis-1,3-Dichloropropene	0.506	0.524		3.56	20
1,1,2-Trichloroethane	0.244	0.246		0.82	20
2-Hexanone	0.143	0.151		5.59	20
Dibromochloromethane	0.315	0.319		1.27	20
1,2-Dibromoethane	0.228	0.227		-0.44	20
Tetrachloroethene	0.472	0.483		2.33	20
Chlorobenzene	1.099	1.117	0.3	1.64	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_Y Calibration Date/Time: 07/07/2025 09:08

Lab File ID: VY022946.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.930	2.005		3.89	20
m/p-Xylenes	0.746	0.775		3.89	20
o-Xylene	0.703	0.715		1.71	20
Styrene	1.178	1.211		2.8	20
Bromoform	0.207	0.206	0.1	-0.48	20
Isopropylbenzene	3.698	3.864		4.49	20
1,1,2,2-Tetrachloroethane	0.596	0.609	0.3	2.18	20
1,3-Dichlorobenzene	1.683	1.729		2.73	20
1,4-Dichlorobenzene	1.672	1.691		1.14	20
1,2-Dichlorobenzene	1.483	1.504		1.42	20
1,2-Dibromo-3-Chloropropane	0.101	0.101		0	20
1,2,4-Trichlorobenzene	0.838	0.846		0.95	20
1,2,3-Trichlorobenzene	0.724	0.712		-1.66	20
1,2-Dichloroethane-d4	0.558	0.526		-5.74	20
Dibromofluoromethane	0.304	0.304		0	20
Toluene-d8	1.207	1.210		0.25	20
4-Bromofluorobenzene	0.388	0.394		1.55	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: GENV01
Lab Code: ACE
SDG No.: Q2480
Instrument ID: MSVOA_Y
Calibration Date/Time: 07/08/2025 11:15
Lab File ID: VY022968.D
Init. Calib. Date(s): 06/23/2025 06/23/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 13:38 15:31
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.354		-17.29	20
Chloromethane	0.816	0.814	0.1	-0.25	20
Vinyl Chloride	1.020	0.965		-5.39	20
Bromomethane	0.802	0.764		-4.74	20
Chloroethane	0.686	0.670		-2.33	20
Trichlorofluoromethane	1.129	1.053		-6.73	20
1,1,2-Trichlorotrifluoroethane	0.516	0.487		-5.62	20
1,1-Dichloroethene	0.506	0.476		-5.93	20
Acetone	0.105	0.122		16.19	20
Carbon Disulfide	1.635	1.468		-10.21	20
Methyl tert-butyl Ether	1.378	1.374		-0.29	20
Methyl Acetate	0.349	0.354		1.43	20
Methylene Chloride	0.666	0.638		-4.2	20
trans-1,2-Dichloroethene	0.578	0.544		-5.88	20
1,1-Dichloroethane	1.044	1.034	0.1	-0.96	20
Cyclohexane	0.959	0.901		-6.05	20
2-Butanone	0.154	0.165		7.14	20
Carbon Tetrachloride	0.486	0.476		-2.06	20
cis-1,2-Dichloroethene	0.672	0.641		-4.61	20
Bromochloromethane	0.439	0.454		3.42	20
Chloroform	1.076	1.046		-2.7	20
1,1,1-Trichloroethane	0.929	0.902		-2.91	20
Methylcyclohexane	0.596	0.582		-2.35	20
Benzene	1.417	1.404		-0.92	20
1,2-Dichloroethane	0.388	0.393		1.29	20
Trichloroethene	0.356	0.347		-2.53	20
1,2-Dichloropropane	0.332	0.337		1.51	20
Bromodichloromethane	0.485	0.482		-0.62	20
4-Methyl-2-Pentanone	0.210	0.230		9.52	20
Toluene	0.894	0.893		-0.11	20
t-1,3-Dichloropropene	0.437	0.444		1.6	20
cis-1,3-Dichloropropene	0.506	0.518		2.37	20
1,1,2-Trichloroethane	0.244	0.245		0.41	20
2-Hexanone	0.143	0.158		10.49	20
Dibromochloromethane	0.315	0.313		-0.63	20
1,2-Dibromoethane	0.228	0.231		1.32	20
Tetrachloroethene	0.472	0.449		-4.87	20
Chlorobenzene	1.099	1.090	0.3	-0.82	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: GENV01

Lab Code: ACE SDG No.: Q2480

Instrument ID: MSVOA_Y Calibration Date/Time: 07/08/2025 11:15

Lab File ID: VY022968.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.930	1.941		0.57	20
m/p-Xylenes	0.746	0.752		0.8	20
o-Xylene	0.703	0.706		0.43	20
Styrene	1.178	1.195		1.44	20
Bromoform	0.207	0.210	0.1	1.45	20
Isopropylbenzene	3.698	3.689		-0.24	20
1,1,2,2-Tetrachloroethane	0.596	0.621	0.3	4.2	20
1,3-Dichlorobenzene	1.683	1.671		-0.71	20
1,4-Dichlorobenzene	1.672	1.637		-2.09	20
1,2-Dichlorobenzene	1.483	1.455		-1.89	20
1,2-Dibromo-3-Chloropropane	0.101	0.103		1.98	20
1,2,4-Trichlorobenzene	0.838	0.807		-3.7	20
1,2,3-Trichlorobenzene	0.724	0.692		-4.42	20
1,2-Dichloroethane-d4	0.558	0.544		-2.51	20
Dibromofluoromethane	0.304	0.301		-0.99	20
Toluene-d8	1.207	1.196		-0.91	20
4-Bromofluorobenzene	0.388	0.385		-0.77	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Quant Time: Jul 08 01:50:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

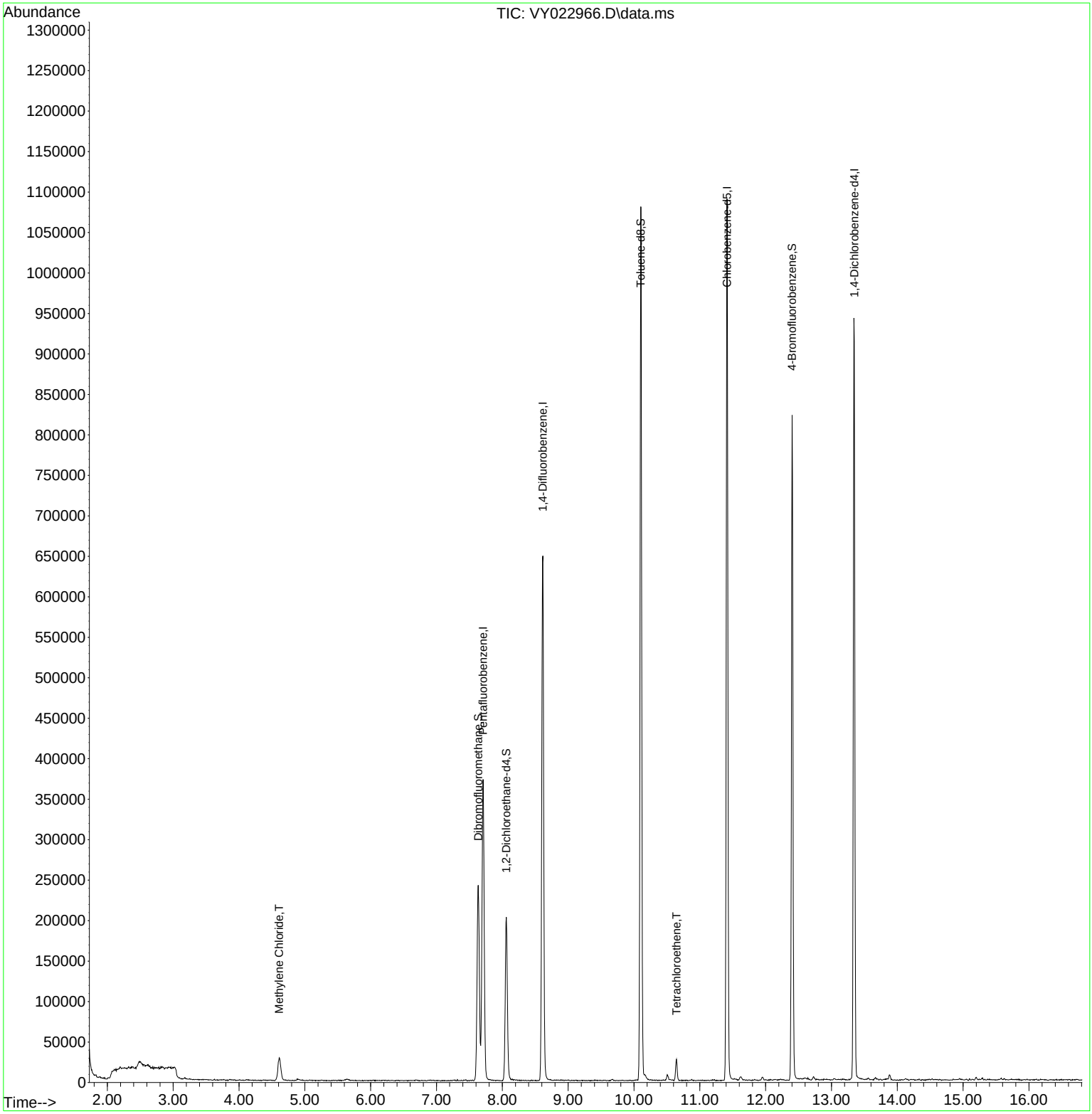
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	283156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	548345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	553452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161054	50.961	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.920%			
35) Dibromofluoromethane	7.634	113	173156	51.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.840%			
50) Toluene-d8	10.103	98	691713	52.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.401	95	236638	55.628	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.260%			
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	20787	5.511	ug/l	99
64) Tetrachloroethene	10.646	164	5353	1.024	ug/l	94

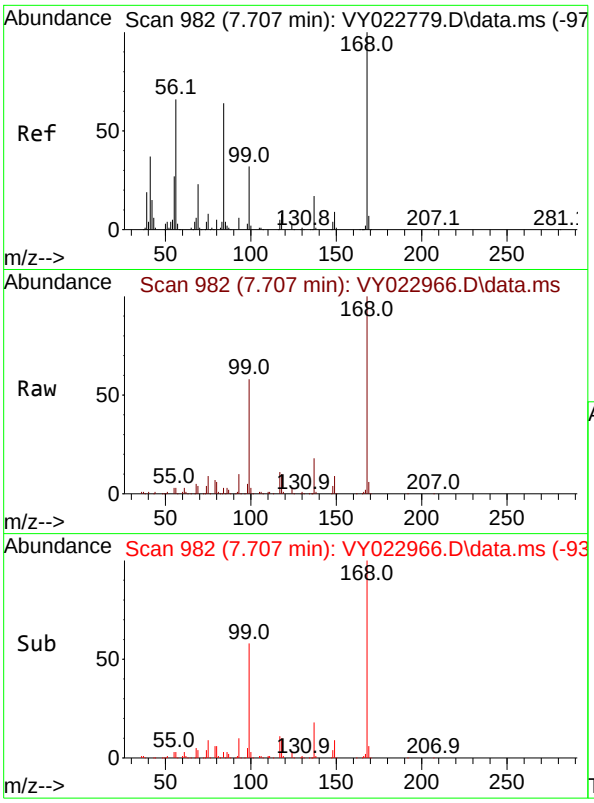
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Quant Time: Jul 08 01:50:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



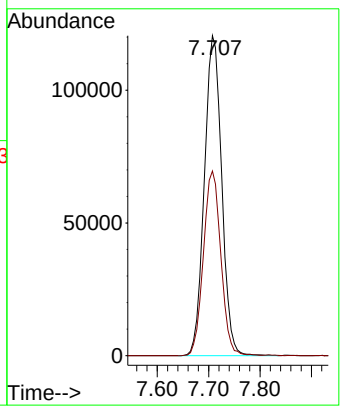


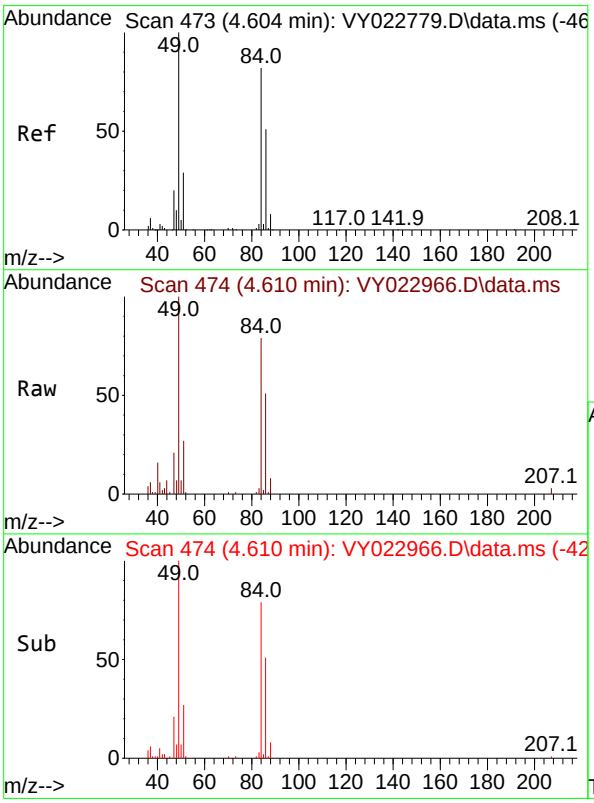
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion:168 Resp: 283156

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.3	66.5

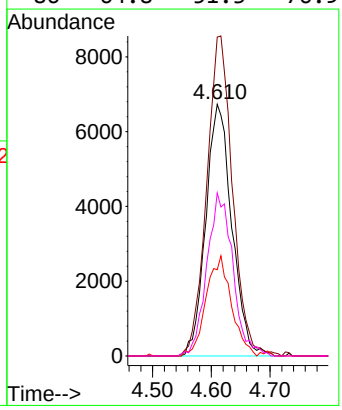


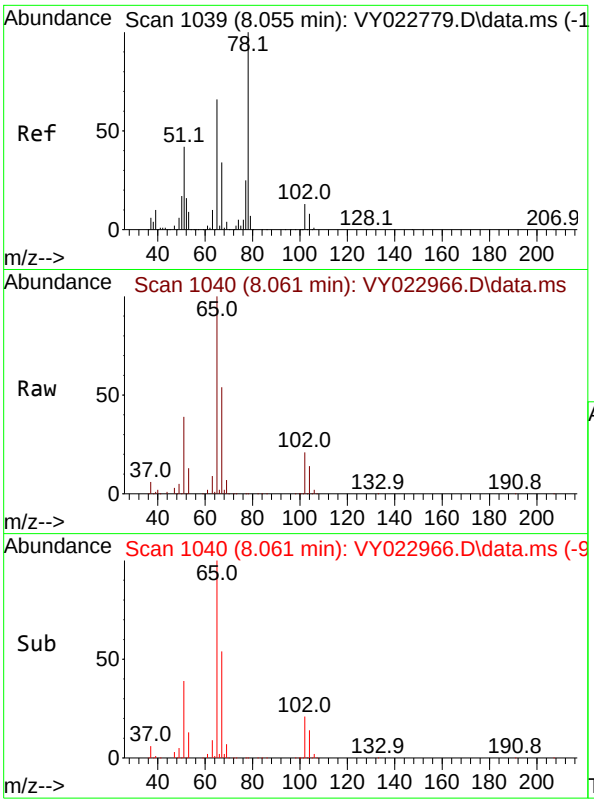


#20
Methylene Chloride
Concen: 5.511 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion: 84 Resp: 20787

Ion	Ratio	Lower	Upper
84	100		
49	126.7	101.9	152.9
51	34.3	29.8	44.8
86	64.8	51.3	76.9



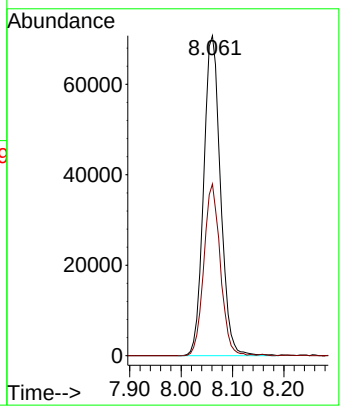


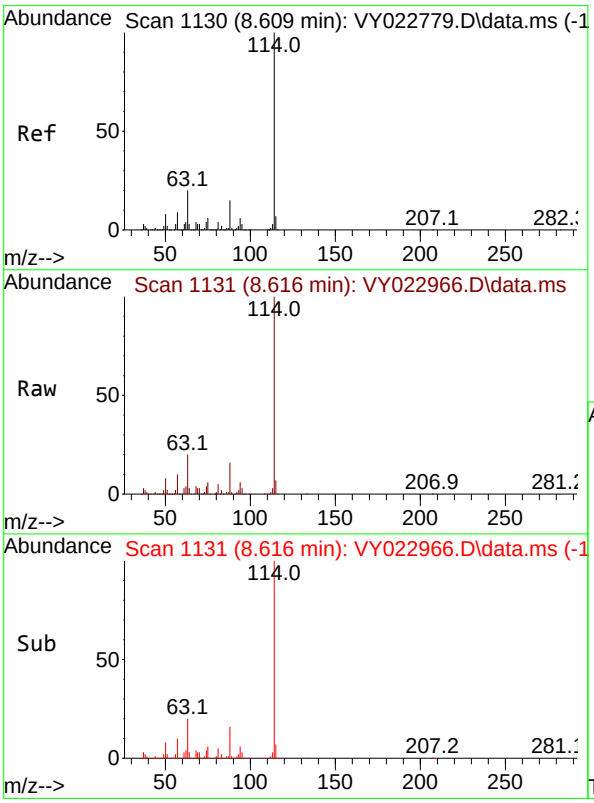
#33
1,2-Dichloroethane-d4
Concen: 50.961 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion: 65 Resp: 161054

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.4

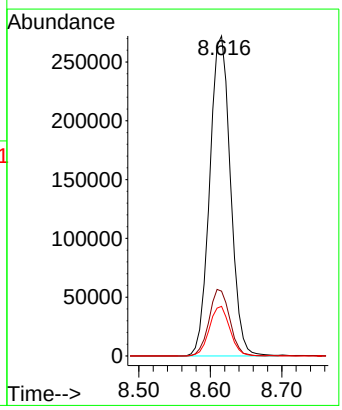


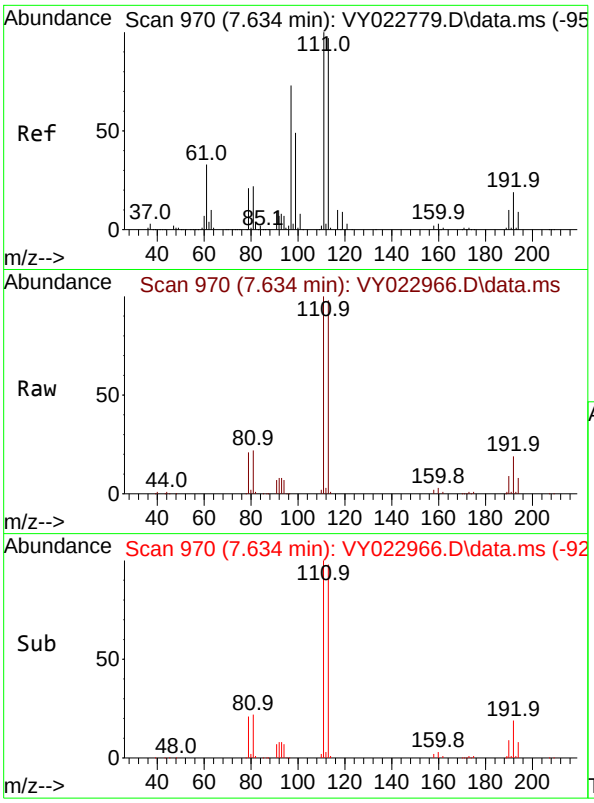


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion:114 Resp: 548345

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.5	0.0	27.8



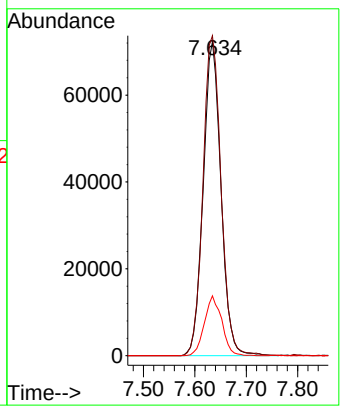


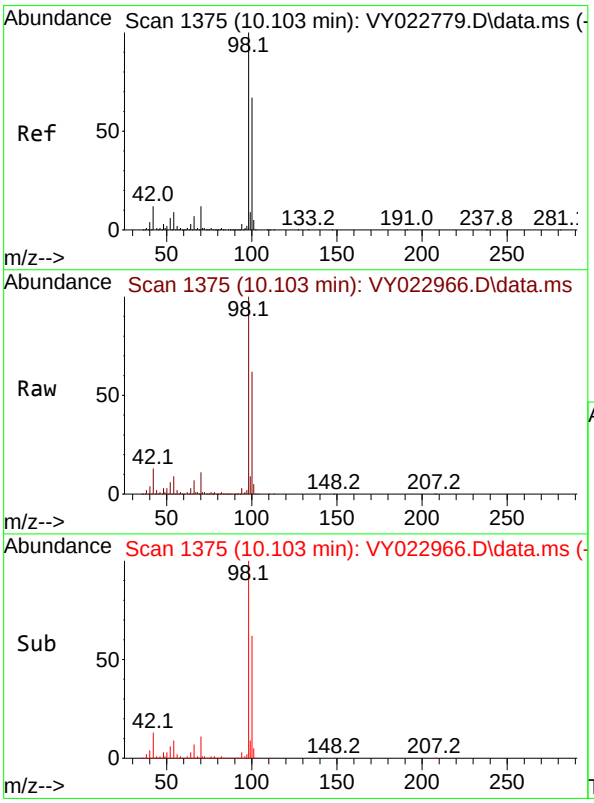
#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion:113 Resp: 173156

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	18.7	14.2	21.2

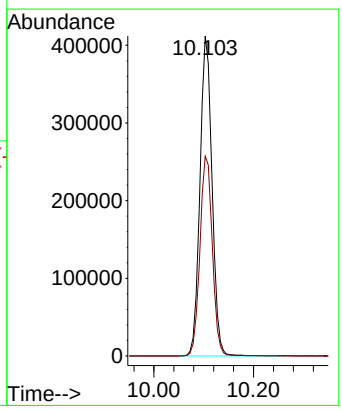


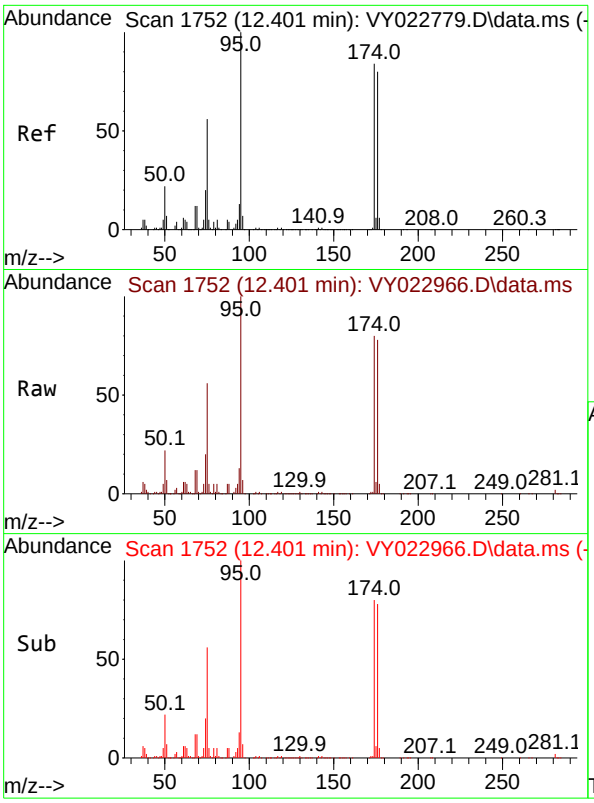


#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion: 98 Resp: 691713

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



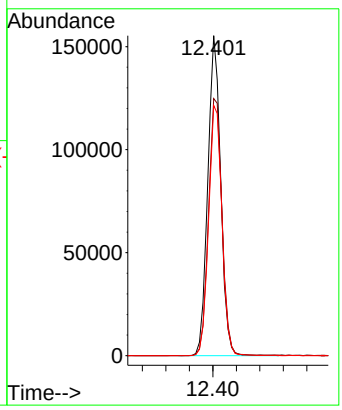


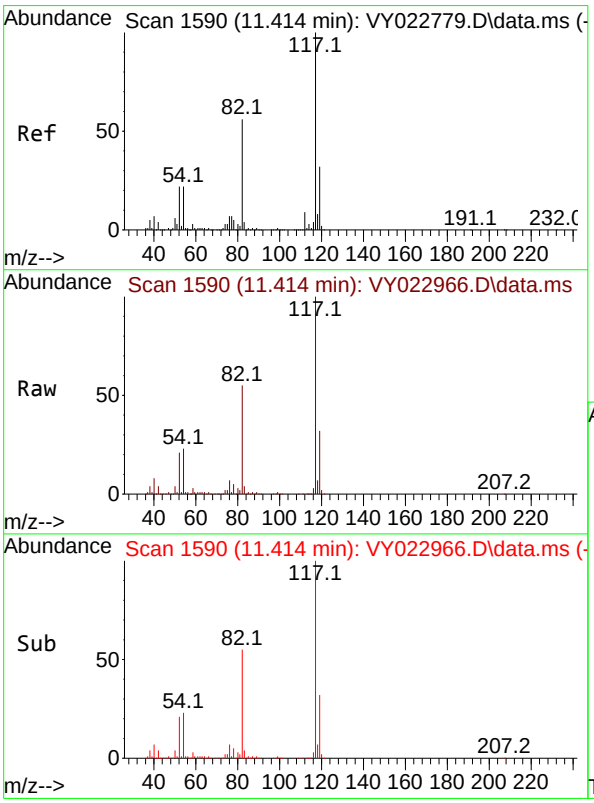
#62
4-Bromofluorobenzene
Concen: 55.628 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion: 95 Resp: 236638

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.0
176	80.8	0.0	166.2

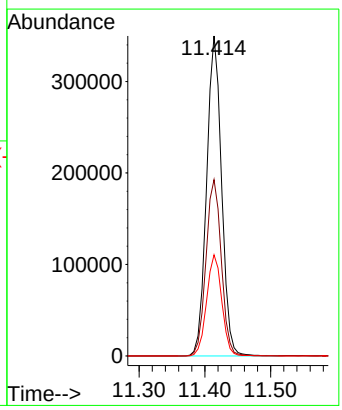


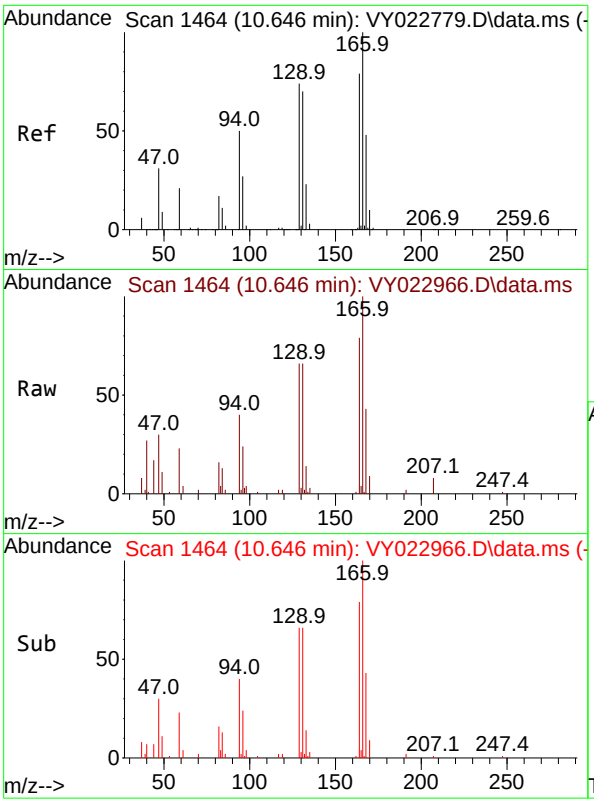


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion:117 Resp: 553452

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	31.6	25.4	38.0



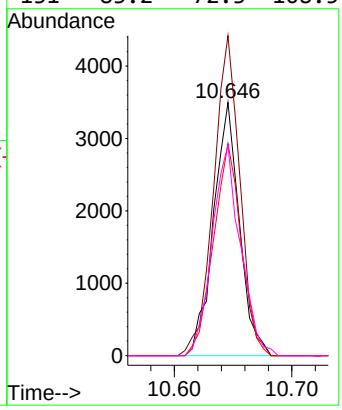


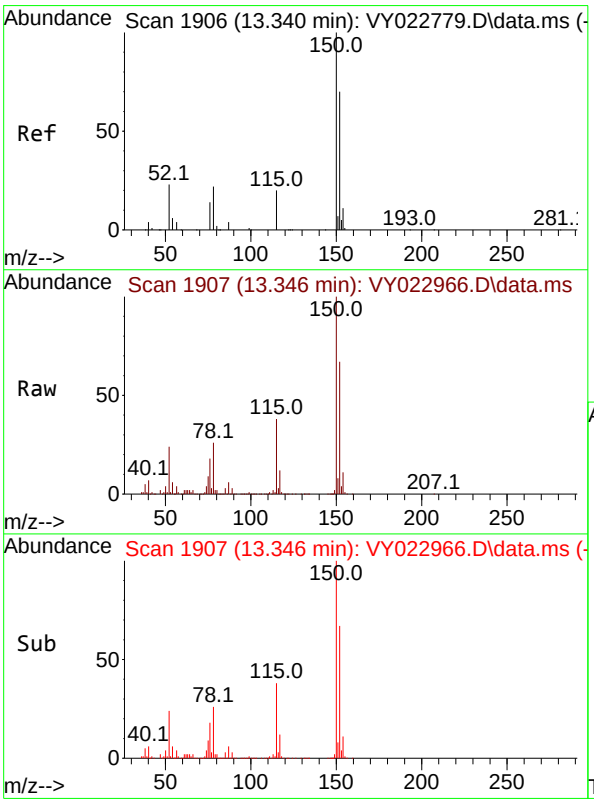
#64
Tetrachloroethene
Concen: 1.024 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion:164 Resp: 5353

Ion	Ratio	Lower	Upper
164	100		
166	126.4	104.0	156.0
129	83.8	74.5	111.7
131	83.2	72.3	108.5

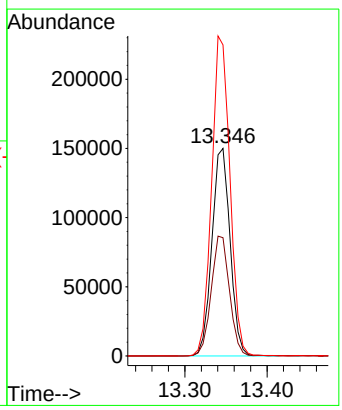




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion:152 Resp: 230891

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.9	86.7
150	154.6	0.0	349.6



Sample Results: **VY022966.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.610	463	474	485	rBV2	28477	90981	4.93%	0.933%
2	7.634	958	970	976	rBV	241450	591652	32.08%	6.066%
3	7.707	976	982	995	rVB	371161	863930	46.84%	8.857%
4	8.061	1031	1040	1053	rBV	202003	460518	24.97%	4.721%
5	8.616	1121	1131	1144	rBV	648199	1312283	71.14%	13.453%
6	10.103	1368	1375	1384	rBV	1078926	1844529	100.00%	18.910%
7	10.646	1457	1464	1471	rBV2	26295	45815	2.48%	0.470%
8	11.414	1582	1590	1604	rBV	1088910	1759460	95.39%	18.038%
9	12.401	1744	1752	1767	rBV	821556	1310839	71.07%	13.439%
10	13.340	1895	1906	1921	rBV	941263	1474332	79.93%	15.115%

Sum of corrected areas: 9754339

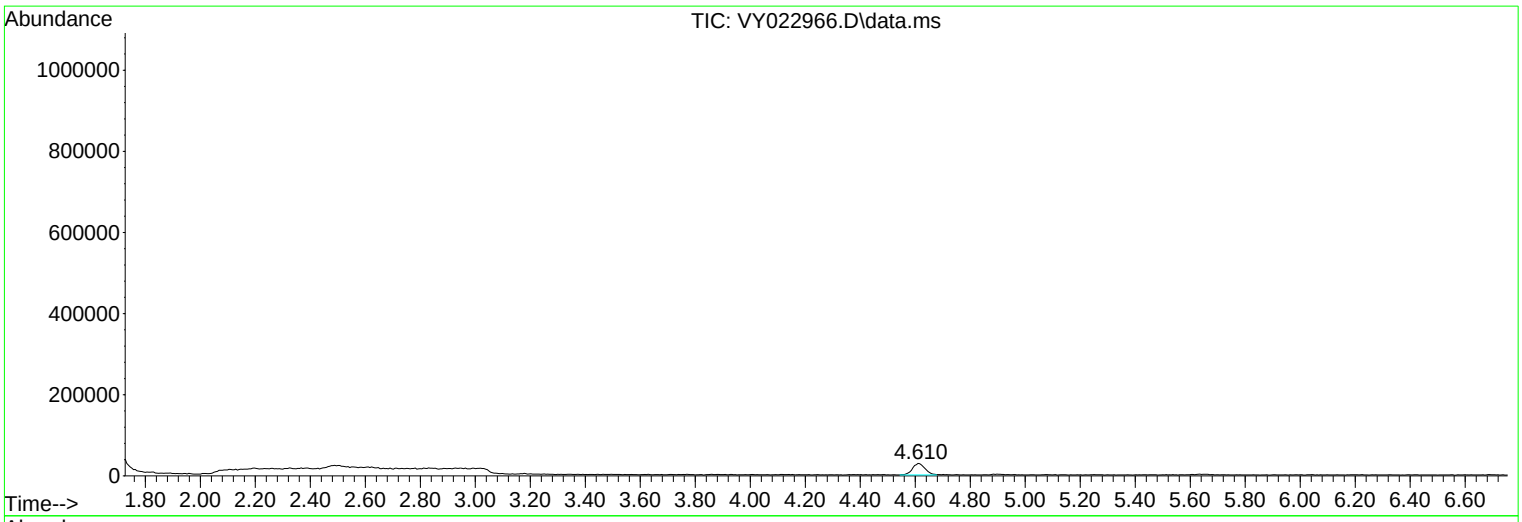
Sample Results: **VY022966.D**

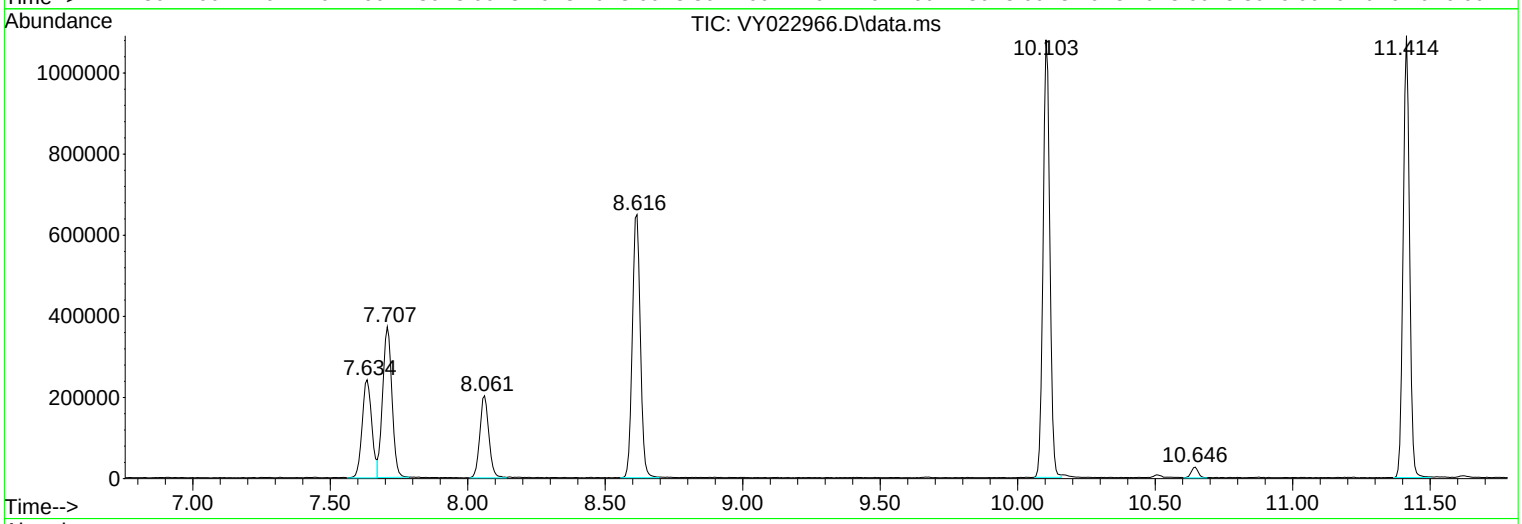
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

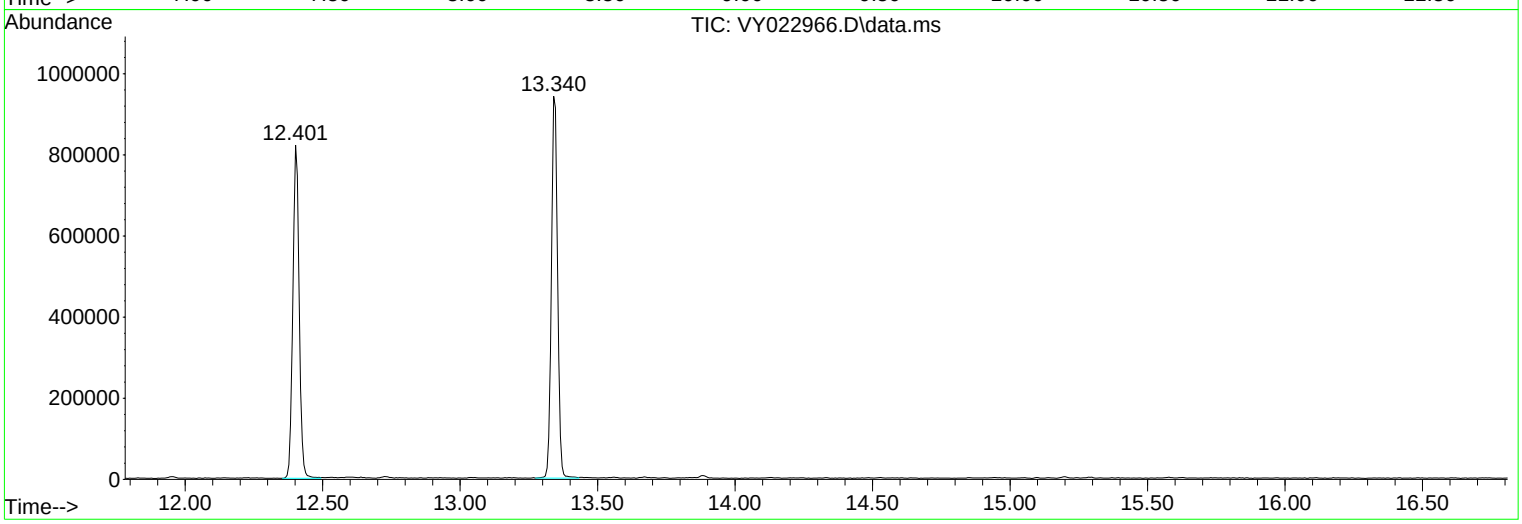
Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY022966.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 09 02:35:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	323213	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.616	114	600118	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	719431	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	367703	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	167323	46.383	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.760%				
35) Dibromofluoromethane	7.634	113	168156	46.075	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.140%				
50) Toluene-d8	10.103	98	1179385	81.437	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 162.880%#				
62) 4-Bromofluorobenzene	12.401	95	525027	112.774	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 225.540%#				
Target Compounds							Qvalue
20) Methylene Chloride	4.610	84	48845	11.344	ug/l		91
31) Cyclohexane	7.695	56	1584339	255.698	ug/l		87
39) Methylcyclohexane	9.109	83	6139551	857.613	ug/l		98
64) Tetrachloroethene	10.646	164	34369	5.057	ug/l		92
67) Ethyl Benzene	11.517	91	318436	11.465	ug/l		99
68) m/p-Xylenes	11.627	106	479709	44.679	ug/l		97
69) o-Xylene	11.950	106	1092078	107.948	ug/l		99
73) Isopropylbenzene	12.249	105	726967	26.733	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	11901976	542.162	ug/l		90
83) tert-Butylbenzene	12.993	119	94793	4.896	ug/l		85
84) 1,2,4-Trimethylbenzene	13.042	105	1297150	59.018	ug/l		99
85) sec-Butylbenzene	13.170	105	536468	18.417	ug/l	#	64
86) p-Isopropyltoluene	13.285	119	1384778	57.126	ug/l		98
89) n-Butylbenzene	13.608	91	110683m	4.854	ug/l		
95) Naphthalene	15.139	128	1357945	121.913	ug/l		98

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

Sample Results: **VY022983.D**

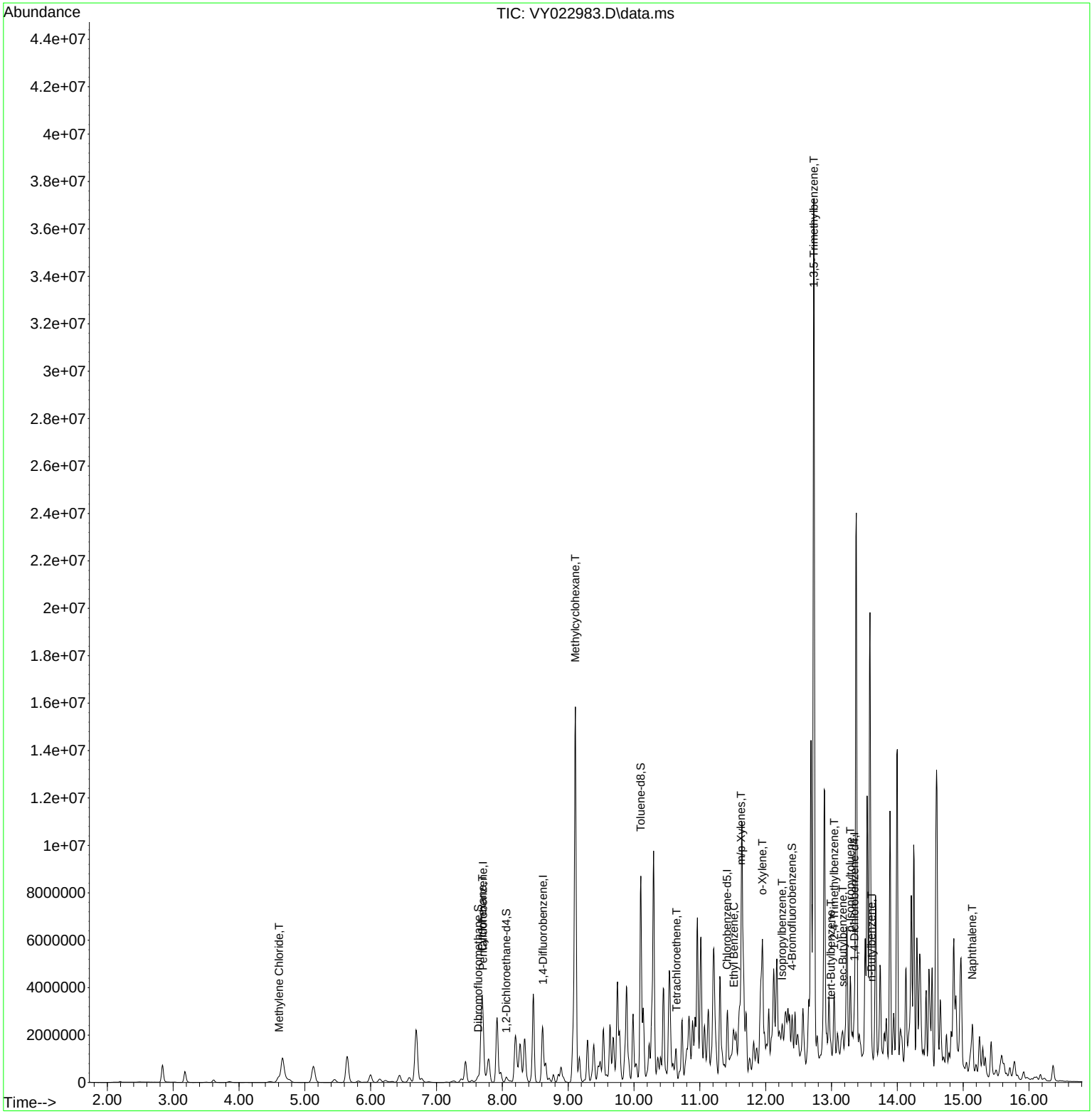
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

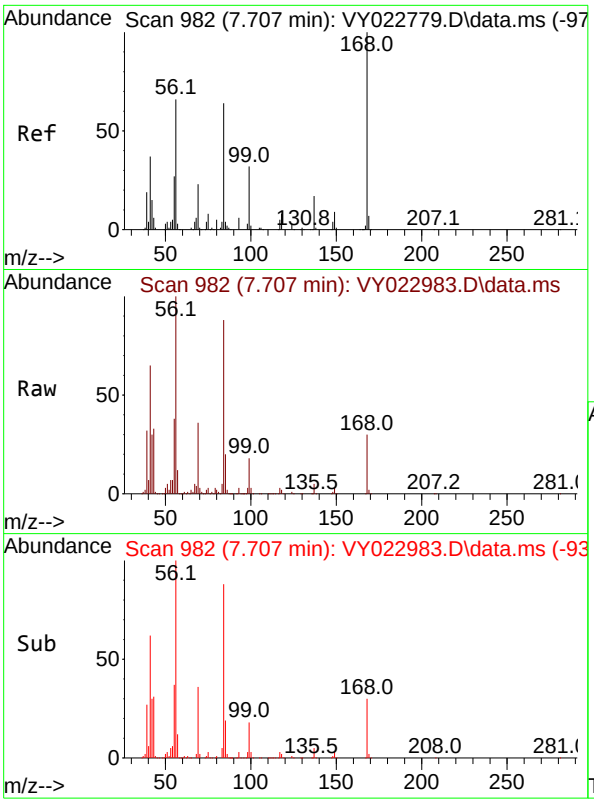
Quant Time: Jul 09 02:35:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

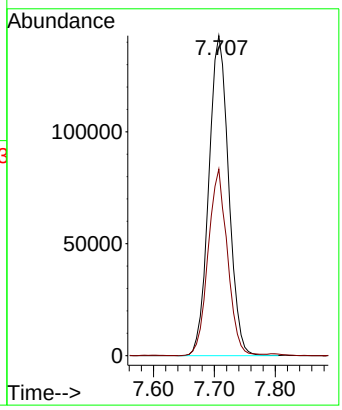




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:168 Resp: 32321

Ion	Ratio	Lower	Upper
168	100		
99	58.3	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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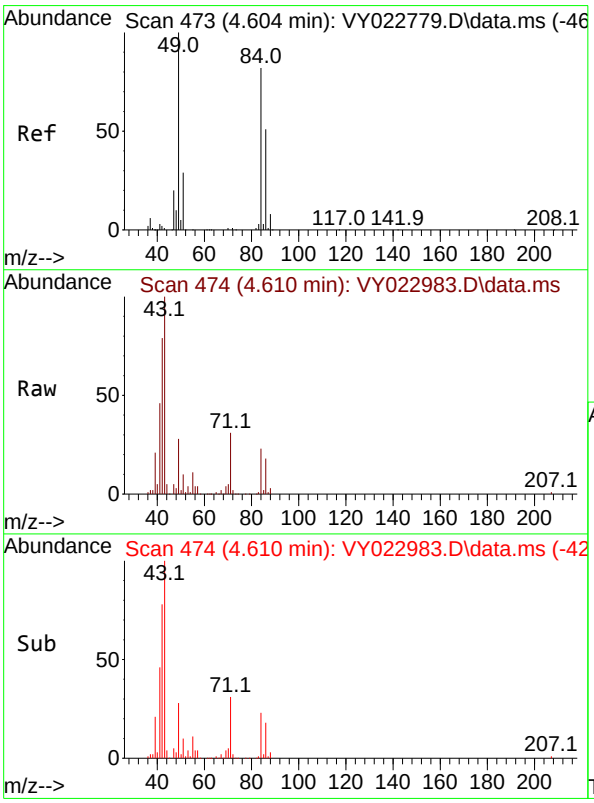
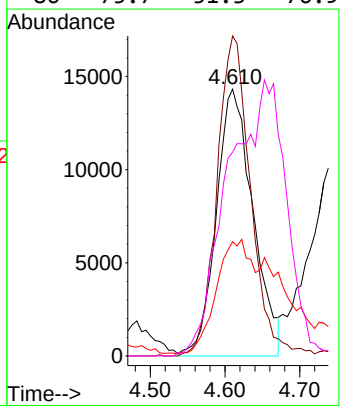
Supervised By :Semsettin Yesilyurt 07/09/2025

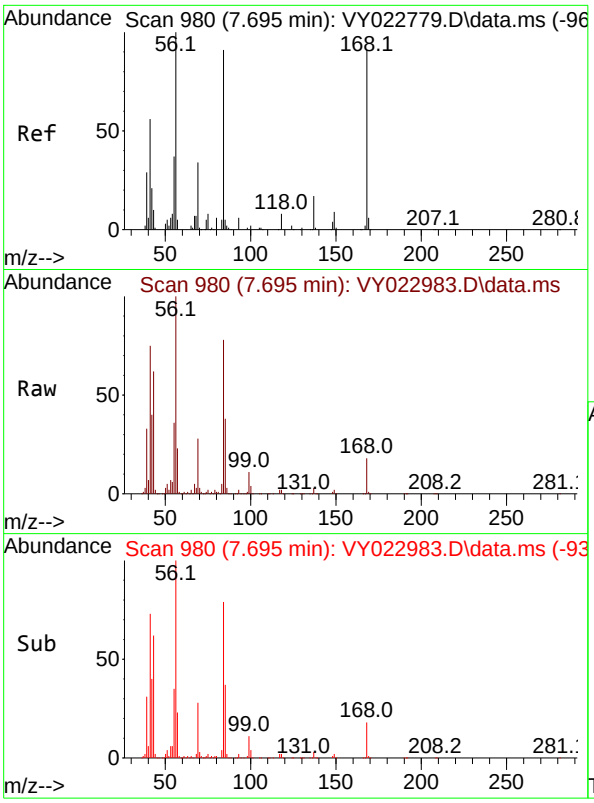


#20
Methylene Chloride
Concen: 11.344 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 84 Resp: 48845

Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.9	152.9
51	42.5	29.8	44.8
86	75.7	51.3	76.9

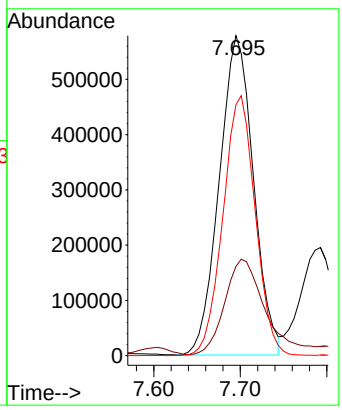




#31
Cyclohexane
Concen: 255.698 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 56 Resp: 158433

Ion	Ratio	Lower	Upper
56	100		
69	27.1	27.0	40.6
84	78.5	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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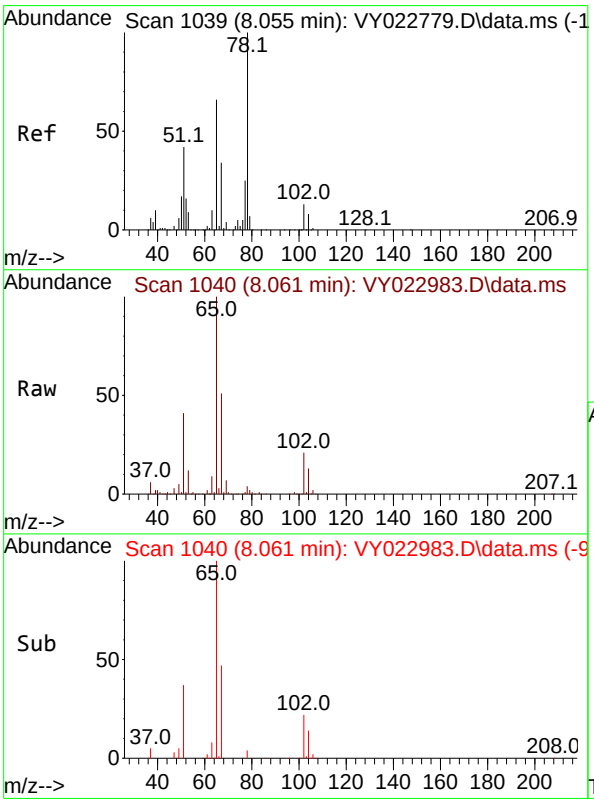
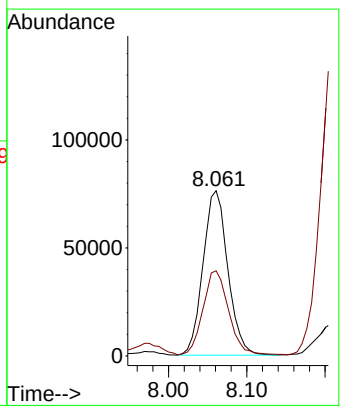
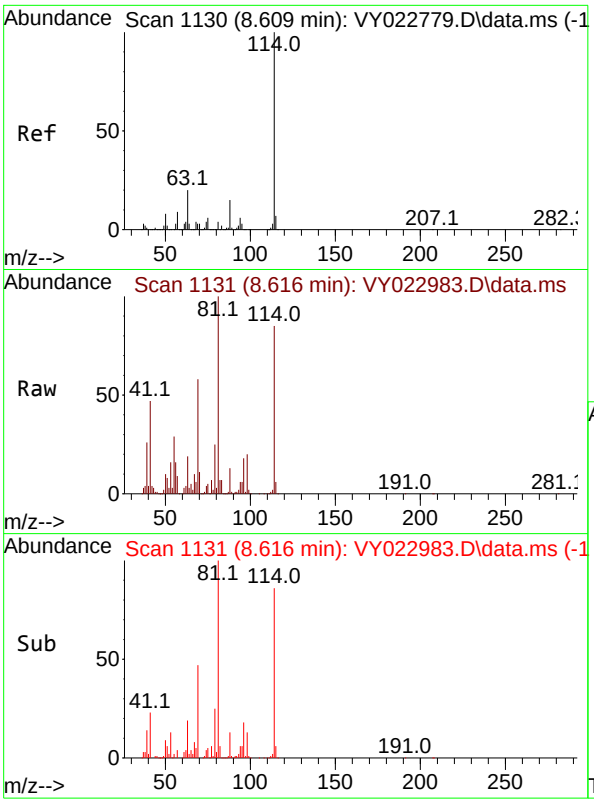


#33
1,2-Dichloroethane-d4
Concen: 46.383 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 65 Resp: 167323

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:114 Resp: 60011

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	40.8
88	15.2	0.0	27.8

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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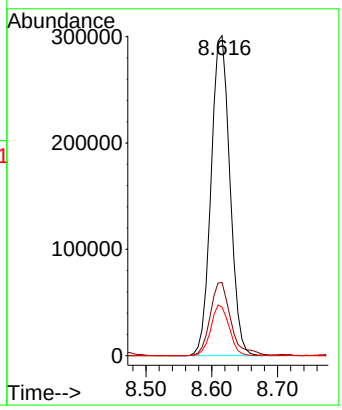
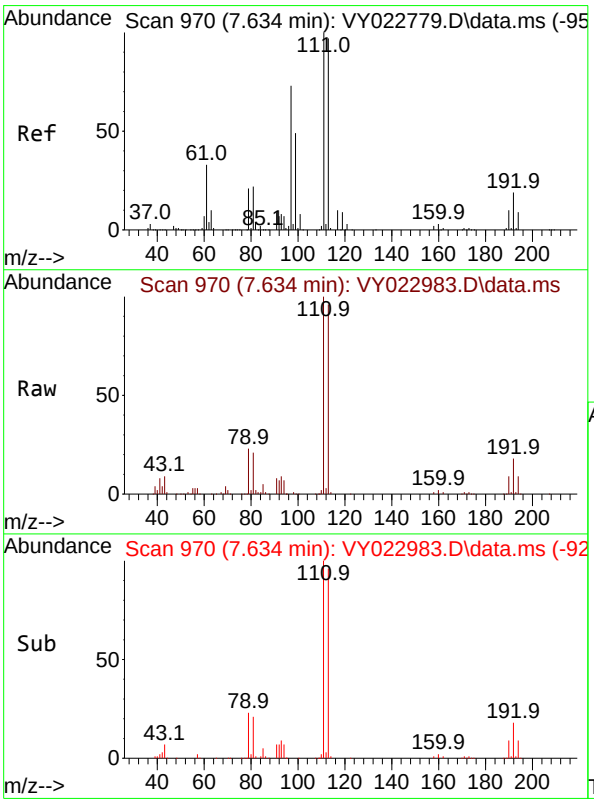
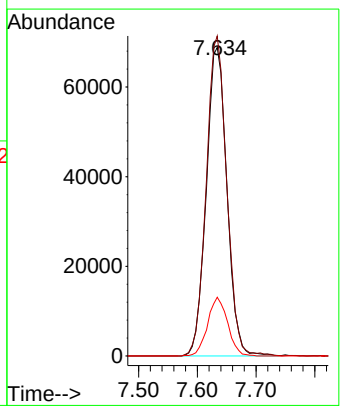


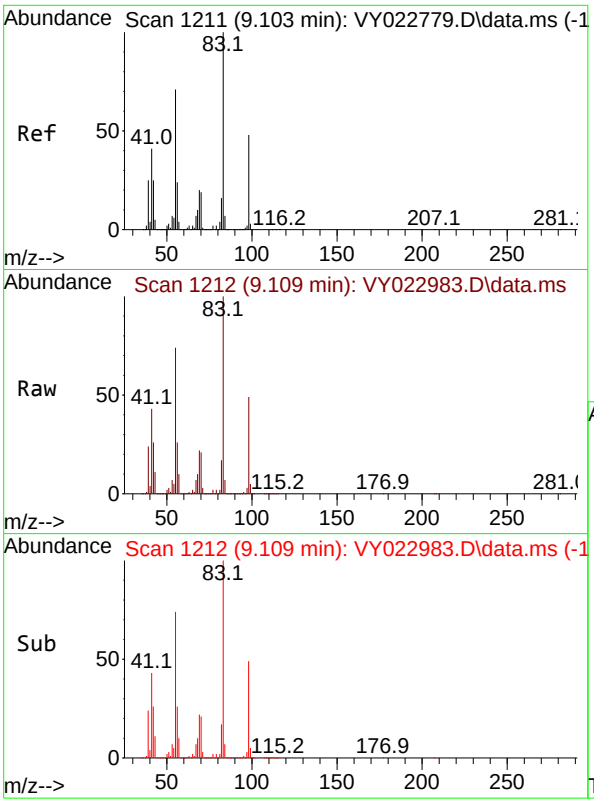


#35
Dibromofluoromethane
Concen: 46.075 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:113 Resp: 168156

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	18.4	14.2	21.2





#39
Methylcyclohexane
Concen: 857.613 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 83 Resp: 613955

Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.1	87.1
98	49.3	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
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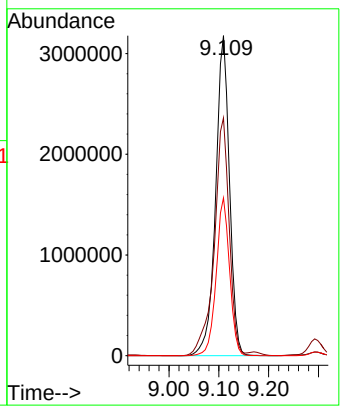
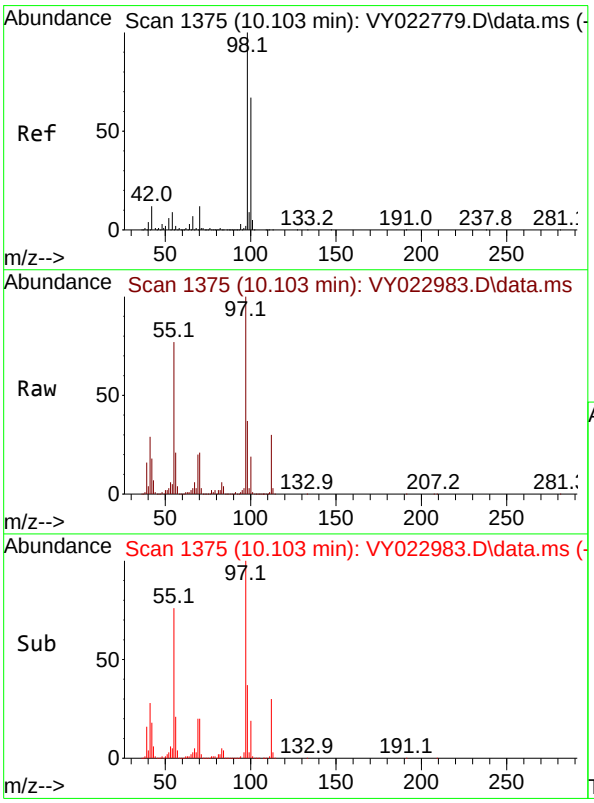
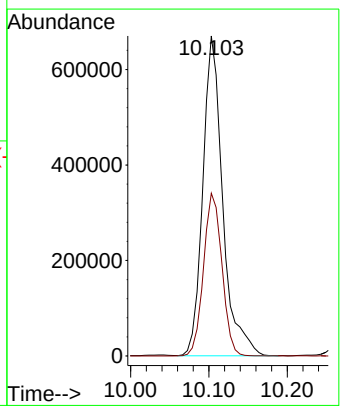


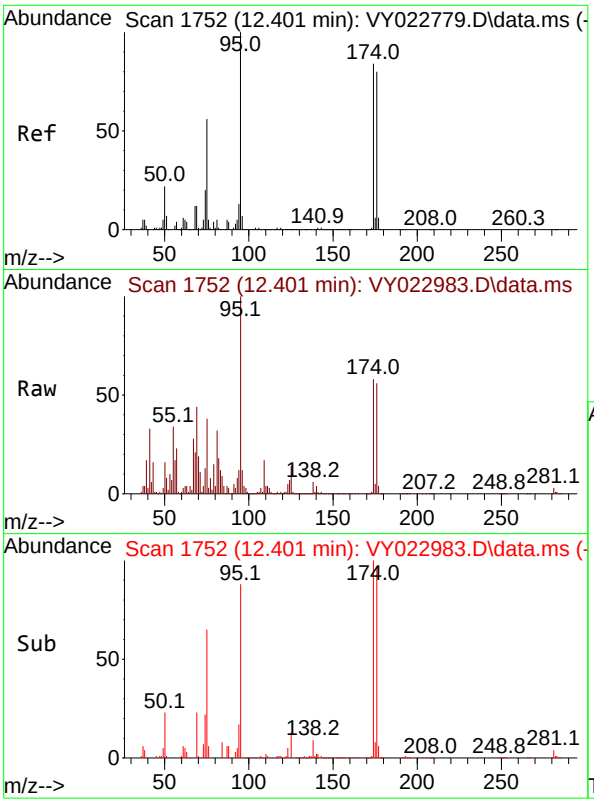


#50
Toluene-d8
Concen: 81.437 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 98 Resp: 1179385

Ion	Ratio	Lower	Upper
98	100		
100	47.1	51.4	77.0#

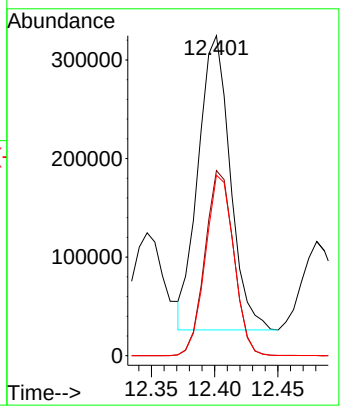




#62
4-Bromofluorobenzene
Concen: 112.774 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 95 Resp: 52502

Ion	Ratio	Lower	Upper
95	100		
174	56.5	0.0	170.0
176	54.8	0.0	166.2



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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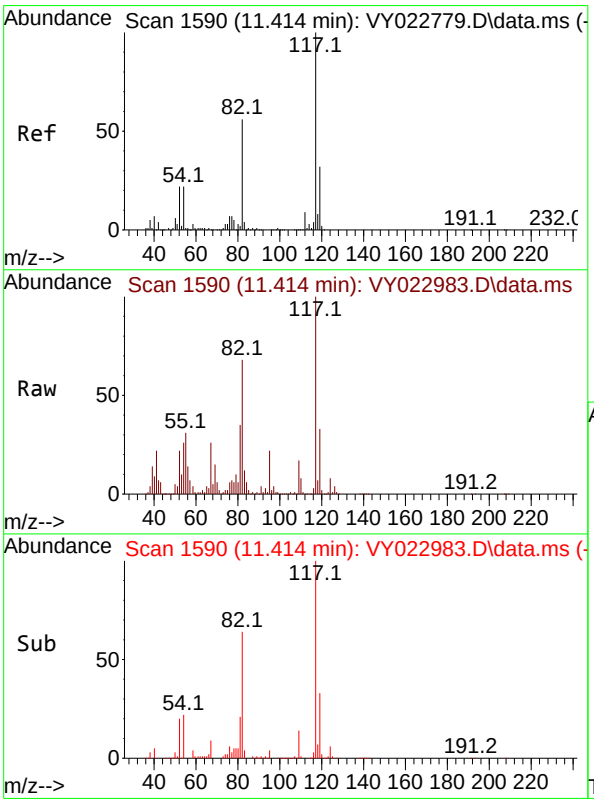
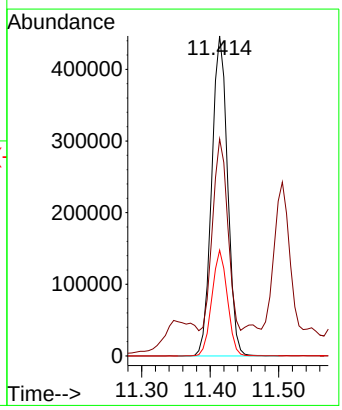
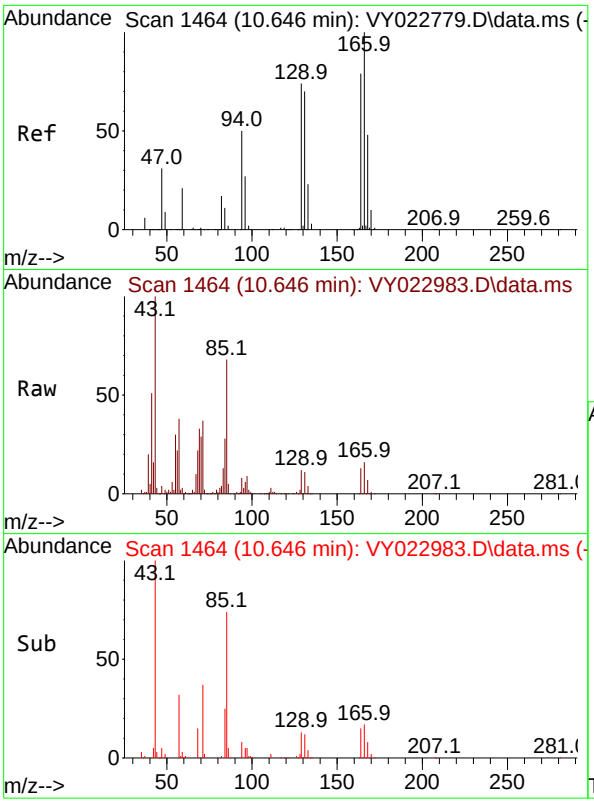


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:117 Resp: 719431

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	66.8
119	33.0	25.4	38.0

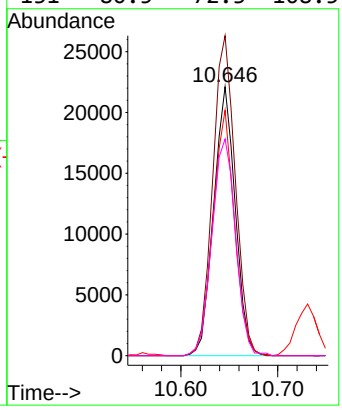




#64
Tetrachloroethene
Concen: 5.057 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:164 Resp: 3436

Ion	Ratio	Lower	Upper
164	100		
166	118.9	104.0	156.0
129	91.2	74.5	111.7
131	80.5	72.3	108.5



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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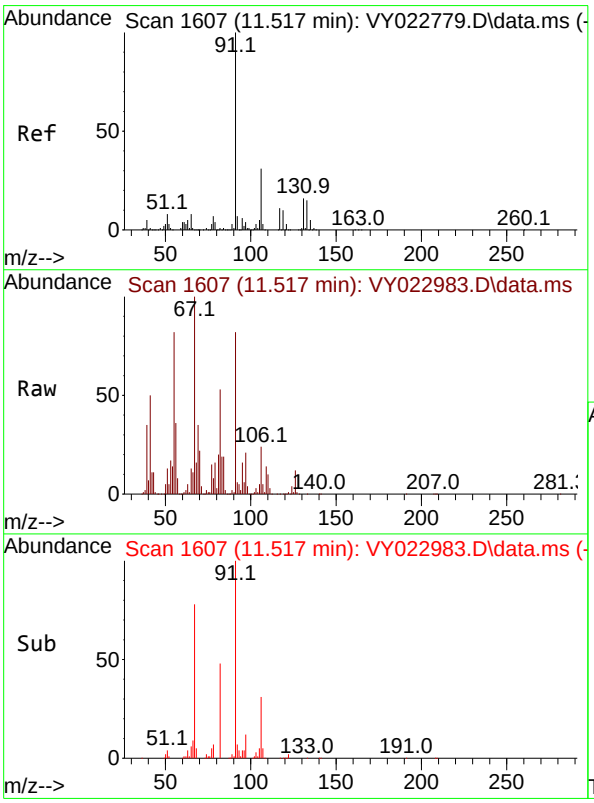
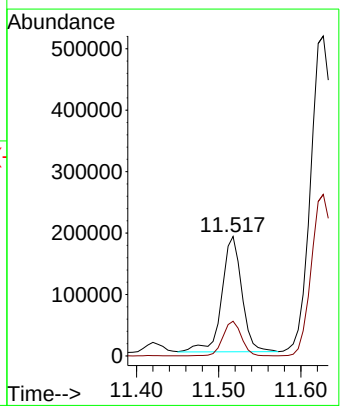
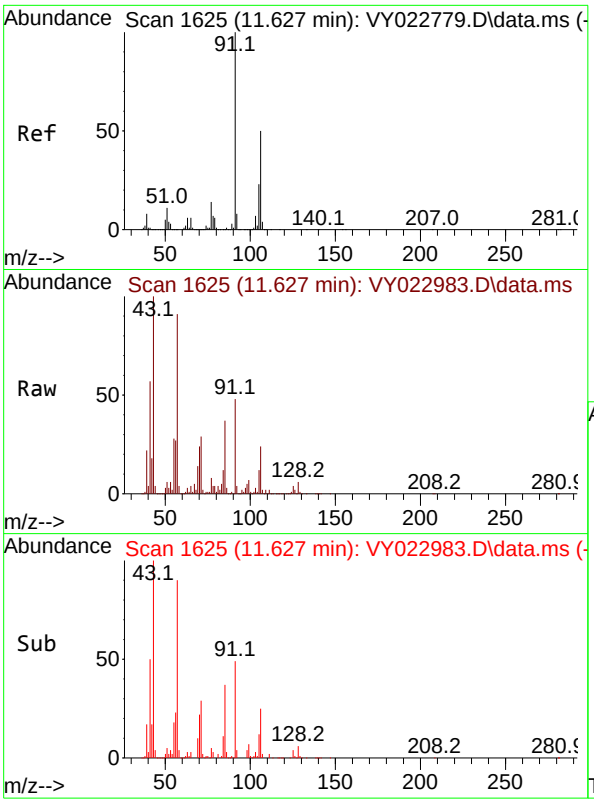


#67
Ethyl Benzene
Concen: 11.465 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 318436

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.4

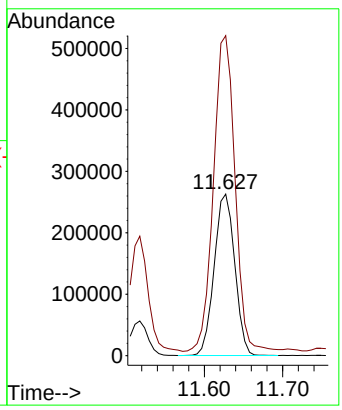




#68
m/p-Xylenes
Concen: 44.679 ug/l
RT: 11.627 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:106 Resp: 47970(

Ion	Ratio	Lower	Upper
106	100		
91	204.3	159.4	239.0



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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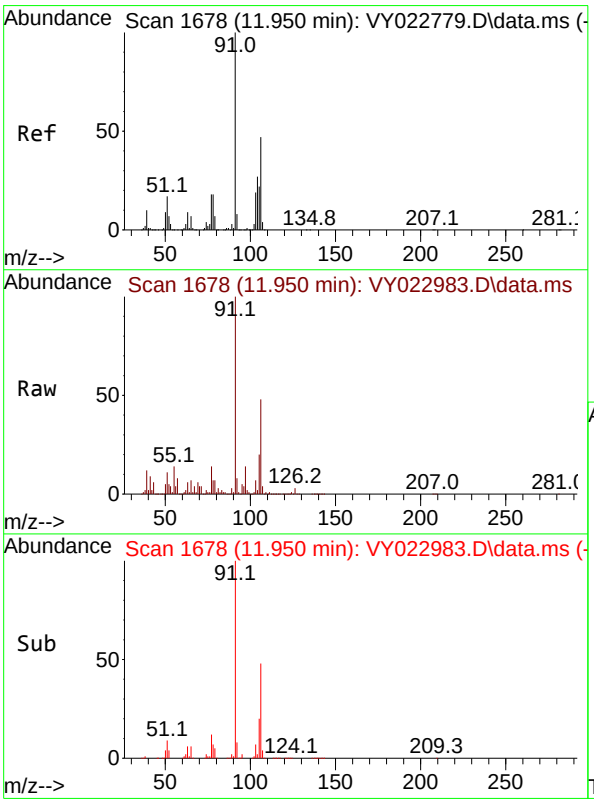
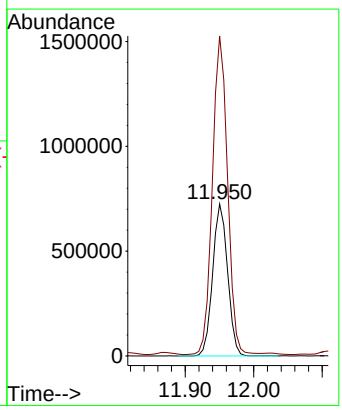
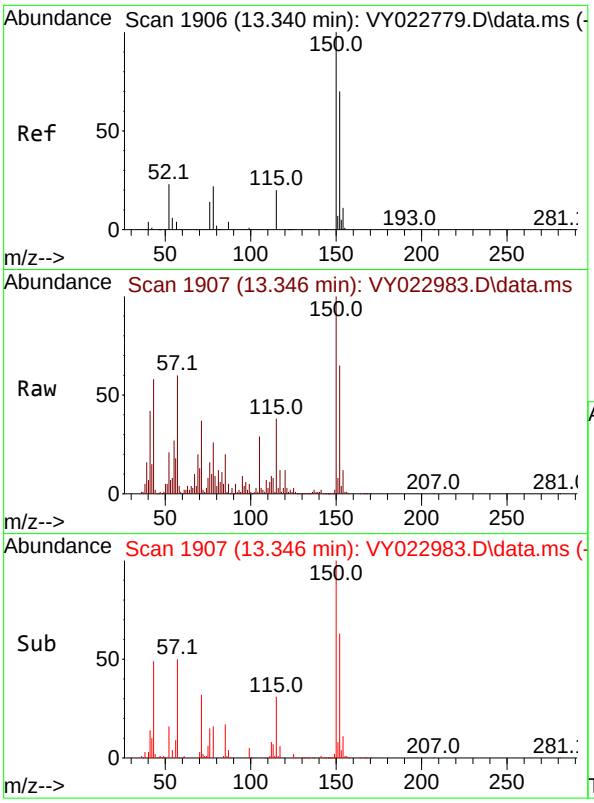


#69
o-Xylene
Concen: 107.948 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:106 Resp: 1092078

Ion	Ratio	Lower	Upper
106	100		
91	212.9	105.8	317.3

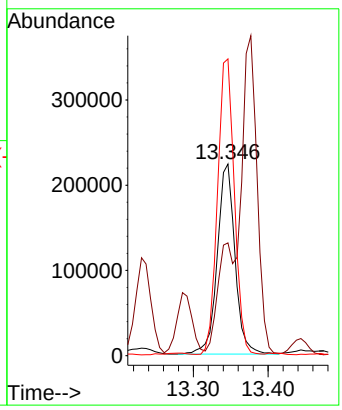




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:152 Resp: 36770

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.9	86.7#
150	147.8	0.0	349.6



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
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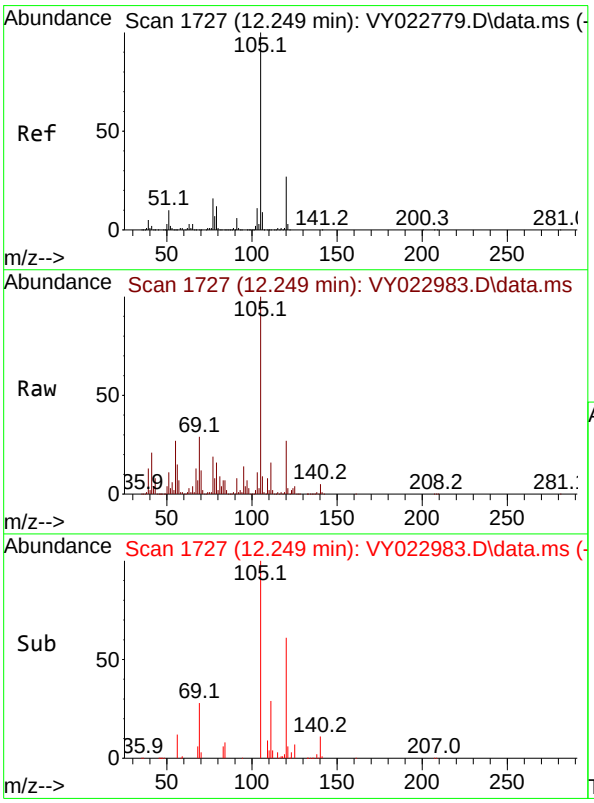
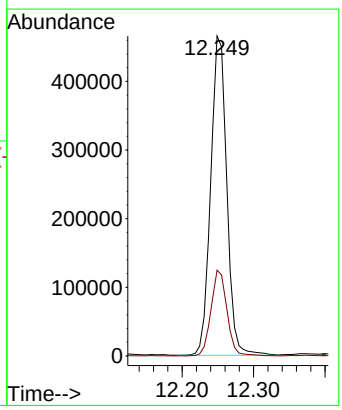
Supervised By :Semsettin Yesilyurt 07/09/2025

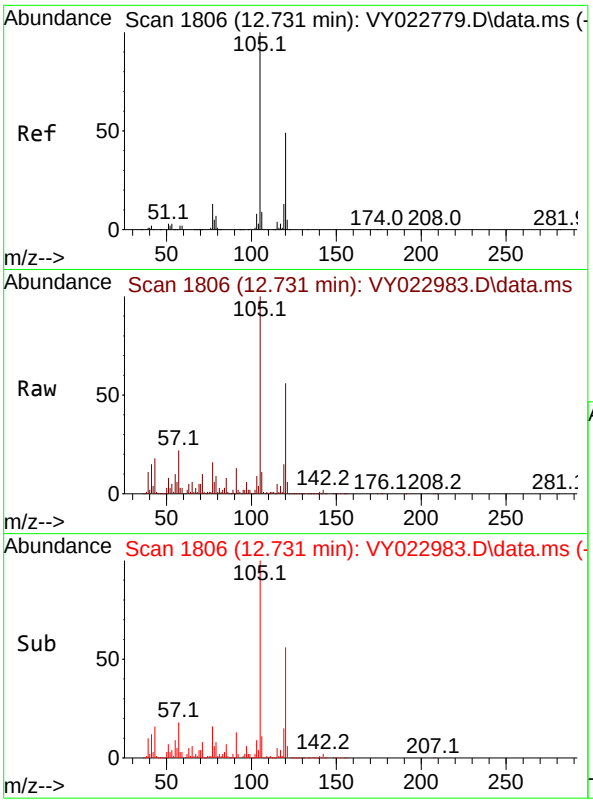


#73
Isopropylbenzene
Concen: 26.733 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 726967

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9

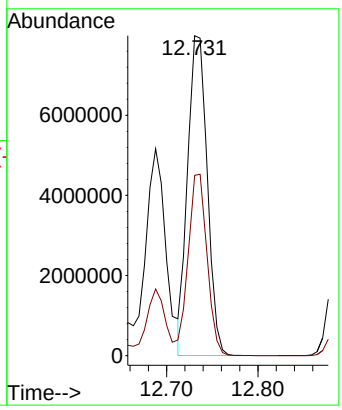




#80
1,3,5-Trimethylbenzene
Concen: 542.162 ug/l
RT: 12.731 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp:1190197

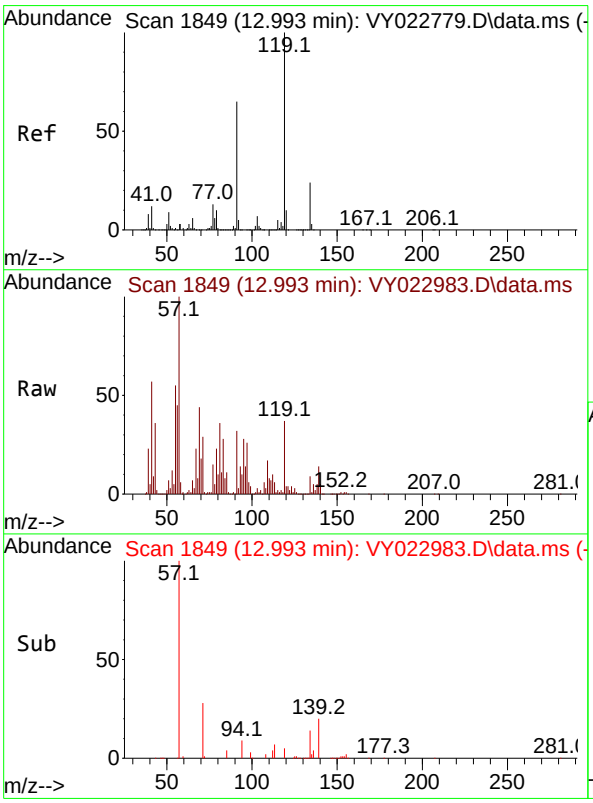
Ion	Ratio	Lower	Upper
105	100		
120	55.4	24.1	72.4



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

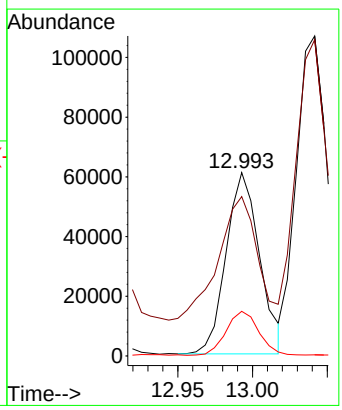
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

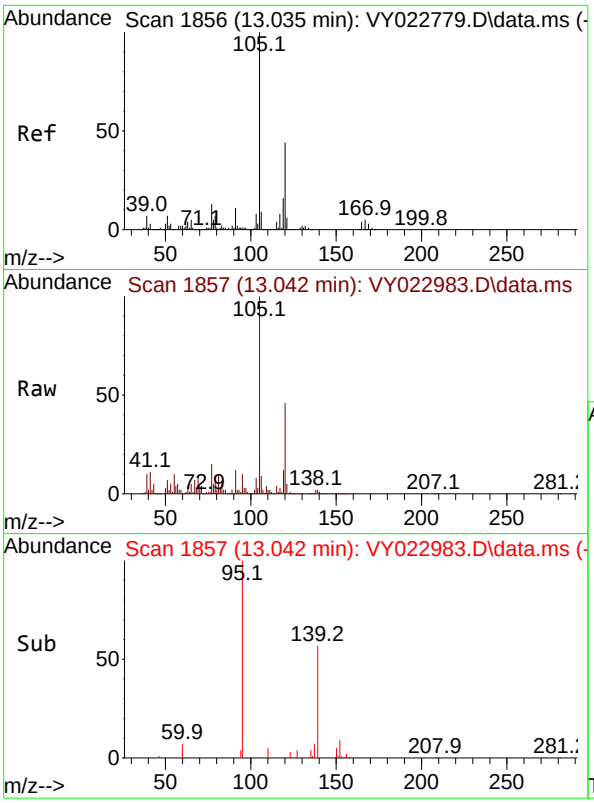


#83
tert-Butylbenzene
Concen: 4.896 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:119 Resp: 94793

Ion	Ratio	Lower	Upper
119	100		
91	78.9	32.1	96.3
134	23.7	13.0	38.9

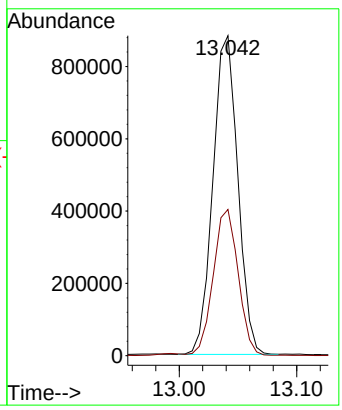




#84
1,2,4-Trimethylbenzene
Concen: 59.018 ug/l
RT: 13.042 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 129715

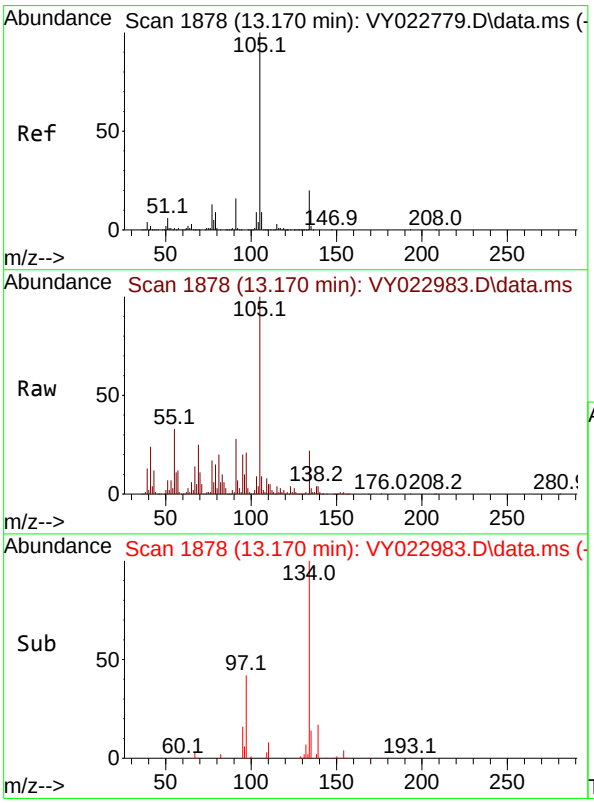
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

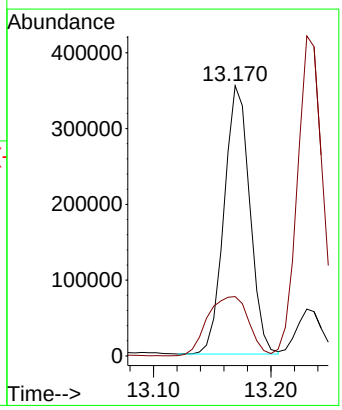
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

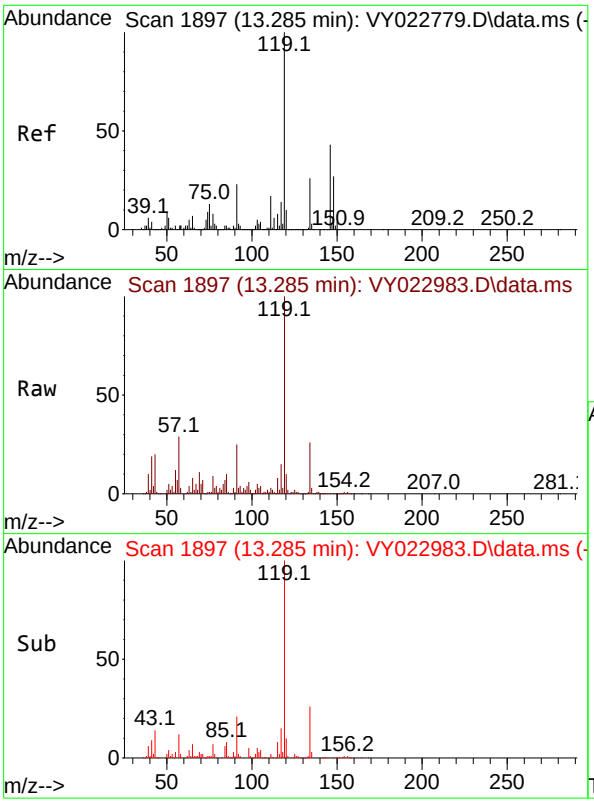


#85
sec-Butylbenzene
Concen: 18.417 ug/l
RT: 13.170 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 536468

Ion	Ratio	Lower	Upper
105	100		
134	35.5	9.7	28.9#

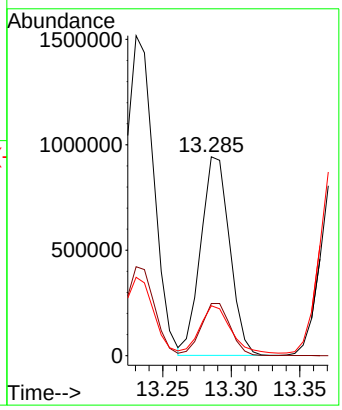




#86
p-Isopropyltoluene
Concen: 57.126 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:119 Resp: 138477

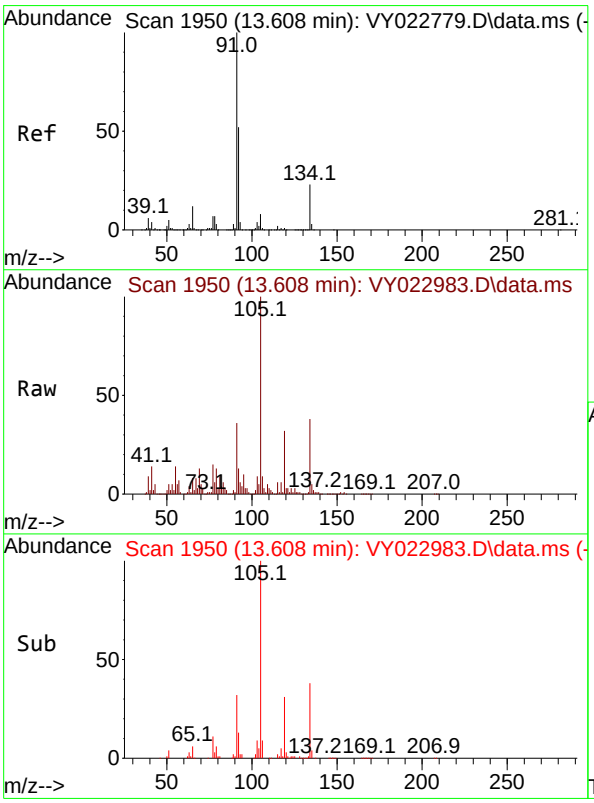
Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	24.6	11.6	34.8



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

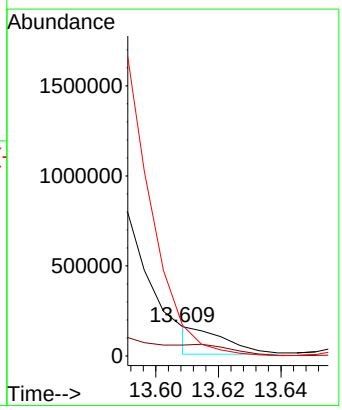
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

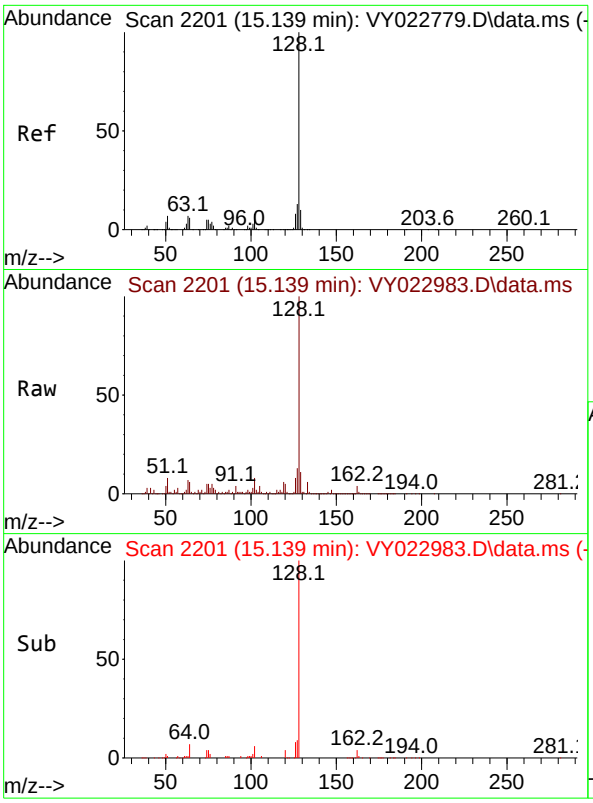


#89
n-Butylbenzene
Concen: 4.854 ug/l m
RT: 13.608 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 110683

Ion	Ratio	Lower	Upper
91	100		
92	257.7	25.9	77.8#
134	3096.0	12.0	36.1#

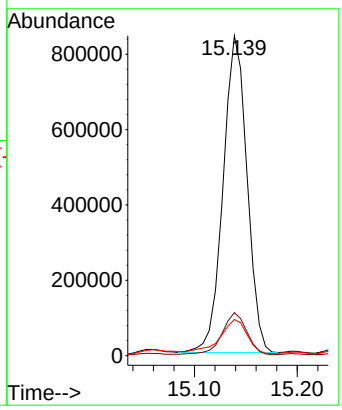




#95
Naphthalene
Concen: 121.913 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:128 Resp: 135794

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	12.3	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

Sample Results: **VY022983.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.836	175	183	197	rBV	717856	1559575	2.91%	0.207%
2	4.659	460	482	516	rVB2	1026159	5068602	9.45%	0.674%
3	5.128	543	559	580	rBV	679950	2400320	4.47%	0.319%
4	5.640	630	643	660	rBV	1090762	3363129	6.27%	0.447%
5	6.689	805	815	825	rVV	2207867	6720353	12.52%	0.893%
6	7.439	931	938	948	rVB	862151	2153161	4.01%	0.286%
7	7.695	959	980	989	rBV5	3631695	11694969	21.80%	1.554%
8	7.792	989	996	1007	rVB3	985703	2864476	5.34%	0.381%
9	7.921	1007	1017	1023	rBV	2728923	6400715	11.93%	0.851%
10	8.201	1054	1063	1069	rBV4	1930253	5158876	9.61%	0.686%
11	8.268	1069	1074	1080	rVV3	1337230	3099365	5.78%	0.412%
12	8.341	1080	1086	1097	rVB	1810023	4315856	8.04%	0.574%
13	8.469	1097	1107	1121	rVB	3731953	7521907	14.02%	1.000%
14	8.609	1121	1130	1135	rBV2	2339220	5210620	9.71%	0.692%
15	8.890	1172	1176	1196	rVB2	642083	1746842	3.26%	0.232%
16	9.109	1196	1212	1218	rBV	15840608	33610118	62.64%	4.467%
17	9.170	1218	1222	1230	rVB2	1032539	1964545	3.66%	0.261%
18	9.292	1230	1242	1249	rBV	1763815	3429310	6.39%	0.456%
19	9.390	1249	1258	1264	rBV	1510180	3266984	6.09%	0.434%
20	9.536	1277	1282	1288	rVB2	1956878	3523494	6.57%	0.468%
21	9.634	1293	1298	1302	rBV	2179577	3770414	7.03%	0.501%
22	9.682	1302	1306	1311	rVB2	1351267	2268411	4.23%	0.301%
23	9.749	1311	1317	1320	rBV	3703877	6524972	12.16%	0.867%
24	9.884	1329	1339	1350	rBV2	3913465	9694003	18.07%	1.288%
25	9.987	1350	1356	1360	rBV	2722462	4842068	9.02%	0.643%
26	10.103	1368	1375	1379	rBV	8476947	15265834	28.45%	2.029%
27	10.140	1379	1381	1387	rVB2	2891365	4194043	7.82%	0.557%
28	10.231	1387	1396	1398	rBV	1372556	2431182	4.53%	0.323%
29	10.298	1398	1407	1413	rVB3	9395152	19056073	35.51%	2.532%
30	10.444	1427	1431	1440	rVB2	3603938	6317397	11.77%	0.840%
31	10.536	1440	1446	1453	rBV3	4345236	9481938	17.67%	1.260%
32	10.640	1458	1463	1468	rVB3	1249991	2221543	4.14%	0.295%
33	10.731	1468	1478	1483	rBV2	2463846	4640390	8.65%	0.617%
34	10.804	1483	1490	1491	rBV2	1110225	2114590	3.94%	0.281%
35	10.835	1491	1495	1500	rVV2	2169775	4322379	8.06%	0.574%
36	10.889	1500	1504	1507	rVV4	1942507	3273259	6.10%	0.435%

Sample Results: **VY022983.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

37	10.926	1507	1510	1512	rVV	2071024	3069506	5.72%	0.408%
38	10.963	1512	1516	1520	rVV	6247374	10094448	18.81%	1.342%
39	11.018	1520	1525	1530	rVV	5404642	9494175	17.69%	1.262%
40	11.072	1530	1534	1538	rVV2	1627753	2648093	4.94%	0.352%
41	11.127	1538	1543	1548	rVB2	2339104	4087857	7.62%	0.543%
42	11.213	1548	1557	1567	rVB3	5261964	14206346	26.48%	1.888%
43	11.304	1567	1572	1582	rBV	4078678	8278393	15.43%	1.100%
44	11.420	1586	1591	1596	rBV2	2408487	4135695	7.71%	0.550%
45	11.511	1601	1606	1610	rBV3	1067891	2227128	4.15%	0.296%
46	11.639	1616	1627	1635	rBV3	9810631	24694602	46.02%	3.282%
47	11.700	1635	1637	1642	rVB2	2484754	3550665	6.62%	0.472%
48	11.816	1651	1656	1660	rBV2	1172656	2203580	4.11%	0.293%
49	11.950	1668	1678	1686	rBV4	5238760	15779525	29.41%	2.097%
50	12.048	1690	1694	1697	rVB	1894856	2422171	4.51%	0.322%
51	12.121	1697	1706	1710	rBV3	3580076	7489384	13.96%	0.995%
52	12.170	1710	1714	1718	rVB3	3283223	5018296	9.35%	0.667%
53	12.304	1731	1736	1739	rBV4	1189039	2432222	4.53%	0.323%
54	12.401	1749	1752	1756	rVB3	1406049	1918115	3.57%	0.255%
55	12.444	1756	1759	1763	rBV2	1529800	1900874	3.54%	0.253%
56	12.487	1763	1766	1771	rVB5	909005	1599376	2.98%	0.213%
57	12.566	1775	1779	1786	rVB3	2334452	4408571	8.22%	0.586%
58	12.657	1786	1794	1795	rBV3	2718415	4439803	8.27%	0.590%
59	12.688	1795	1799	1802	rVV	13256018	19708333	36.73%	2.619%
60	12.731	1802	1806	1812	rVV2	36169972	53656724	100.00%	7.131%
61	12.779	1812	1814	1819	rVB3	936133	1304805	2.43%	0.173%
62	12.889	1824	1832	1840	rBV	11202509	19679549	36.68%	2.615%
63	12.962	1840	1844	1852	rVB2	2481708	4338273	8.09%	0.577%
64	13.042	1852	1857	1861	rBV	2599055	4035654	7.52%	0.536%
65	13.090	1861	1865	1871	rVB5	875357	1328309	2.48%	0.177%
66	13.170	1871	1878	1881	rBV4	979390	2186818	4.08%	0.291%
67	13.237	1881	1889	1893	rBV2	5144365	8703267	16.22%	1.157%
68	13.285	1893	1897	1901	rVV2	3061096	4483596	8.36%	0.596%
69	13.377	1904	1912	1917	rVV	22621760	35641017	66.42%	4.737%
70	13.420	1917	1919	1926	rVB2	928794	1714668	3.20%	0.228%
71	13.511	1929	1934	1936	rBV	4854406	6950456	12.95%	0.924%
72	13.541	1936	1939	1942	rVV	10751857	15173252	28.28%	2.016%
73	13.584	1942	1946	1954	rVB2	18842800	29310742	54.63%	3.895%
74	13.669	1954	1960	1965	rBV2	6914777	10358300	19.30%	1.377%
75	13.737	1965	1971	1978	rBV	3785023	6037189	11.25%	0.802%
76	13.834	1984	1987	1991	rVB2	1626661	2143957	4.00%	0.285%

Sample Results: **VY022983.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

77	13.889	1991	1996	2001	rBV	10372575	14162835	26.40%	1.882%
78	13.944	2001	2005	2008	rBV	1760370	2508268	4.67%	0.333%
79	13.999	2008	2014	2019	rVV	12877124	19458858	36.27%	2.586%
80	14.047	2019	2022	2030	rVB5	1348166	3110848	5.80%	0.413%
81	14.133	2030	2036	2040	rBV2	3919448	6624937	12.35%	0.880%
82	14.212	2040	2049	2052	rVV2	6783055	12385900	23.08%	1.646%
83	14.249	2052	2055	2059	rVV	8927974	12283941	22.89%	1.632%
84	14.297	2059	2063	2066	rVV	5025894	6924583	12.91%	0.920%
85	14.340	2066	2070	2077	rVV5	4372678	8898680	16.58%	1.183%
86	14.438	2081	2086	2089	rVV	2856412	3783526	7.05%	0.503%
87	14.480	2089	2093	2098	rVV3	3777890	6904910	12.87%	0.918%
88	14.529	2098	2101	2105	rVB	4152867	5422877	10.11%	0.721%
89	14.596	2105	2112	2118	rBV3	12494767	26195181	48.82%	3.481%
90	14.651	2118	2121	2127	rVB2	2549358	4096734	7.64%	0.544%
91	14.749	2133	2137	2140	rBV	1159676	1515438	2.82%	0.201%
92	14.816	2145	2148	2150	rVV	1295865	1793309	3.34%	0.238%
93	14.858	2150	2155	2158	rVV2	5226463	9498313	17.70%	1.262%
94	14.889	2158	2160	2166	rVV	2819108	4305283	8.02%	0.572%
95	14.968	2166	2173	2182	rVB	4661516	10390140	19.36%	1.381%
96	15.139	2190	2201	2207	rBV2	1989138	4722810	8.80%	0.628%
97	15.248	2214	2219	2223	rBV2	1475399	2480992	4.62%	0.330%
98	15.425	2241	2248	2255	rBV	1486145	2829363	5.27%	0.376%
99	15.584	2265	2274	2278	rBV4	860008	2366986	4.41%	0.315%
100	16.364	2395	2402	2415	rVB	659197	1463129	2.73%	0.194%

Sum of corrected areas: 752473288

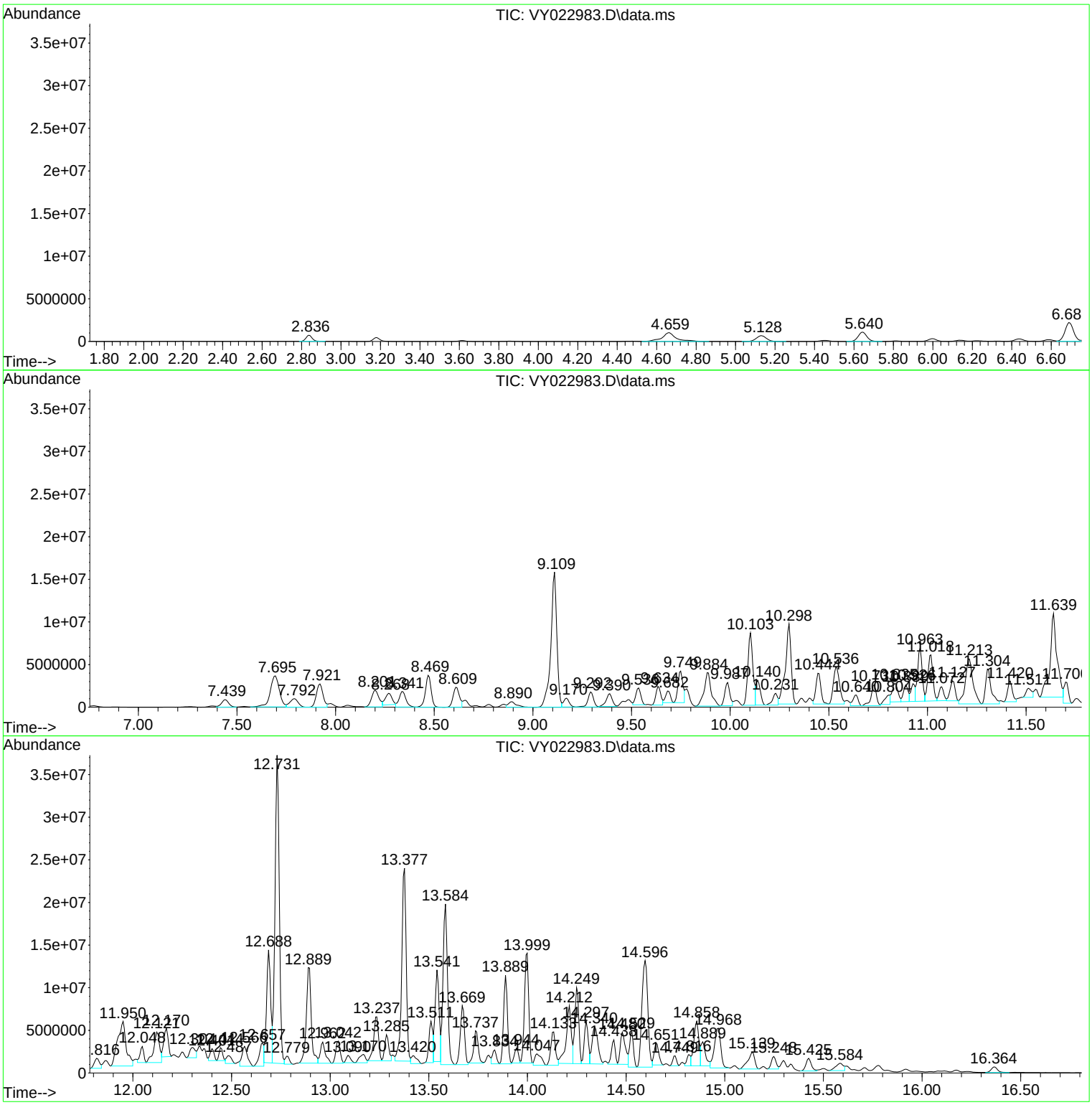
Sample Results: **VY022983.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

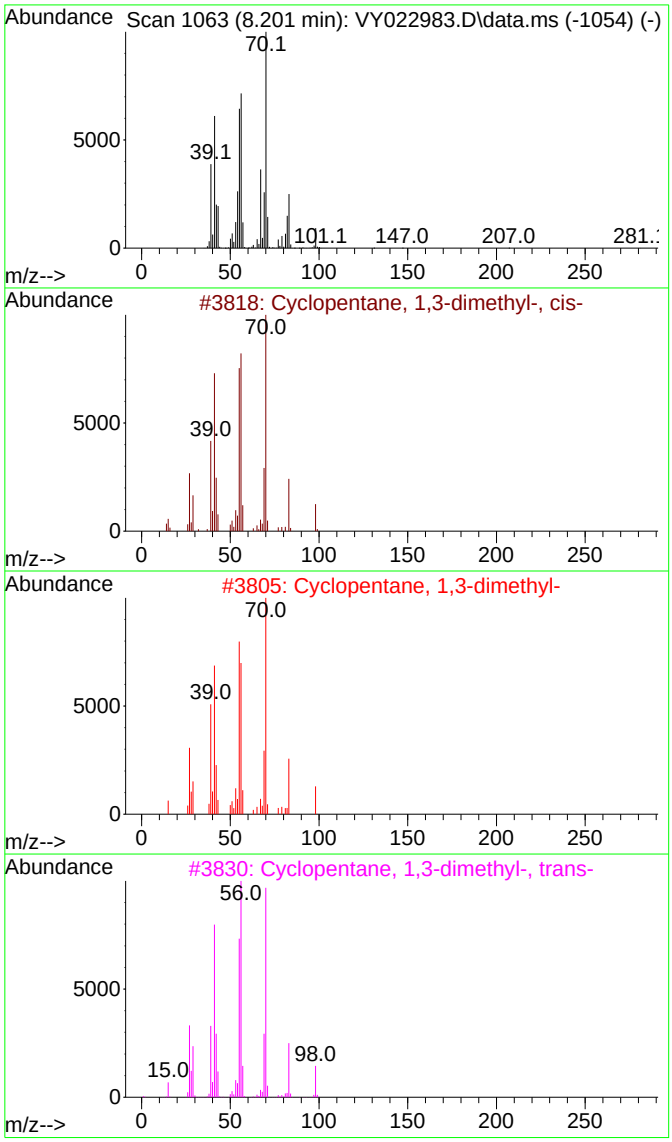
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

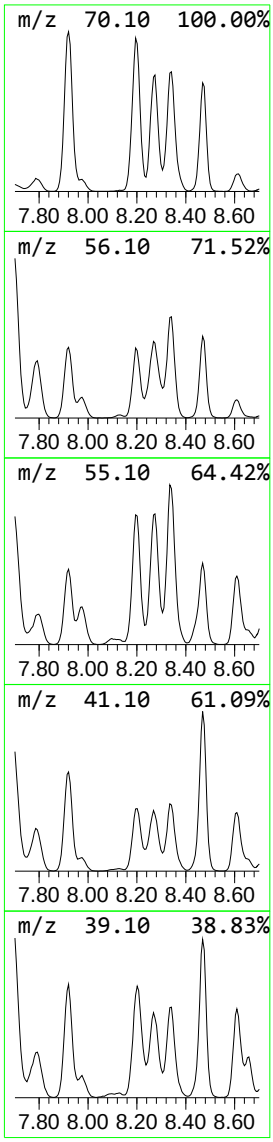
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, 1,3-dimethyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.201	49.50 ug/l	5158880	1,4-Difluorobenzene	8.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	93
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	47





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Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

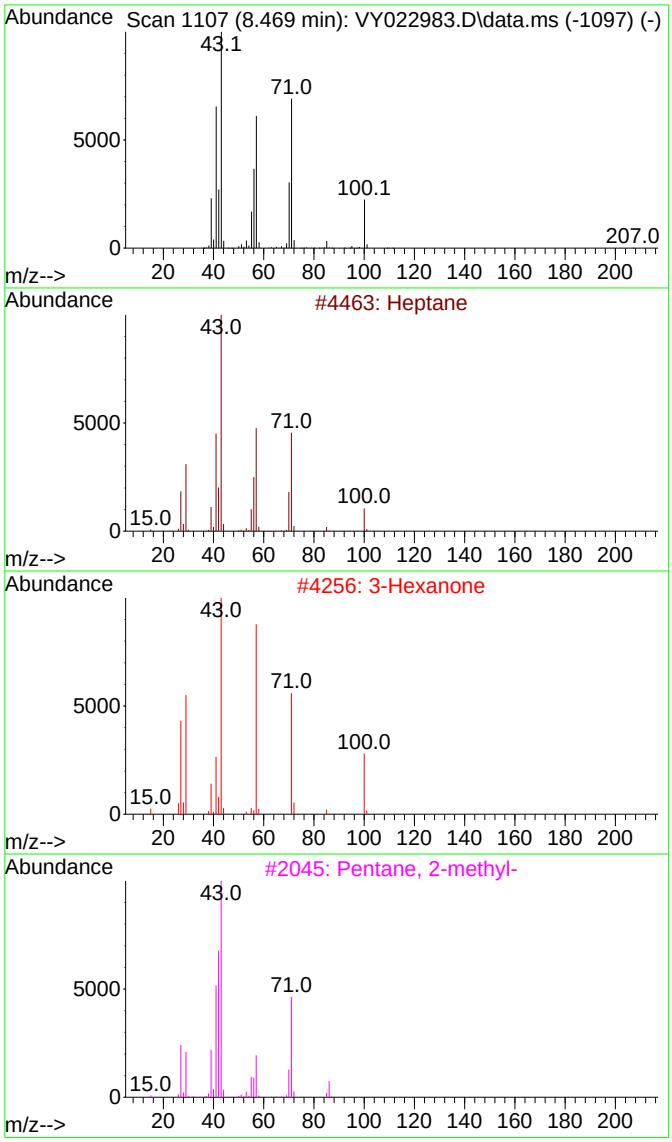
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

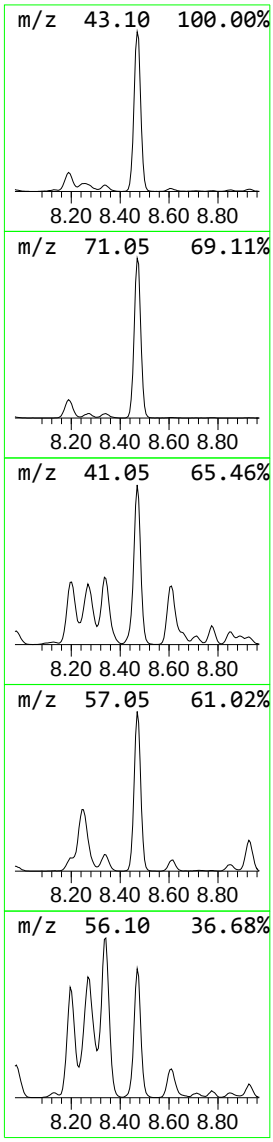
****

Peak Number 2 Heptane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	72.18 ug/l	7521910	1,4-Difluorobenzene	8.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	3-Hexanone	100	C6H12O	000589-38-8	50
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	43
4	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	43
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	37





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Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

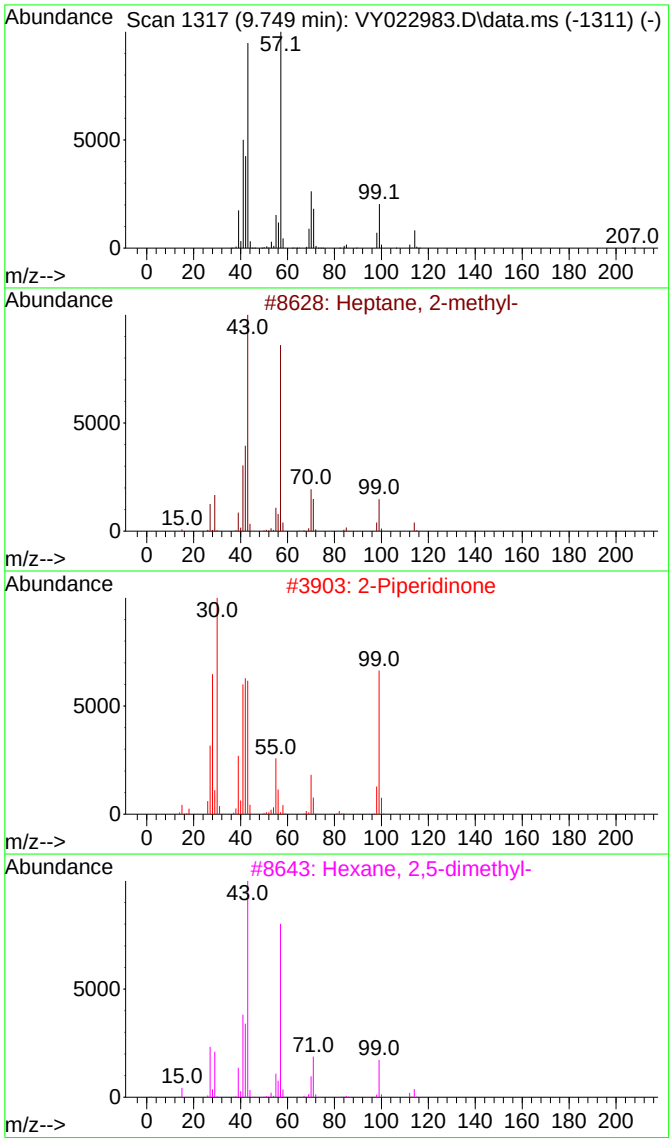
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

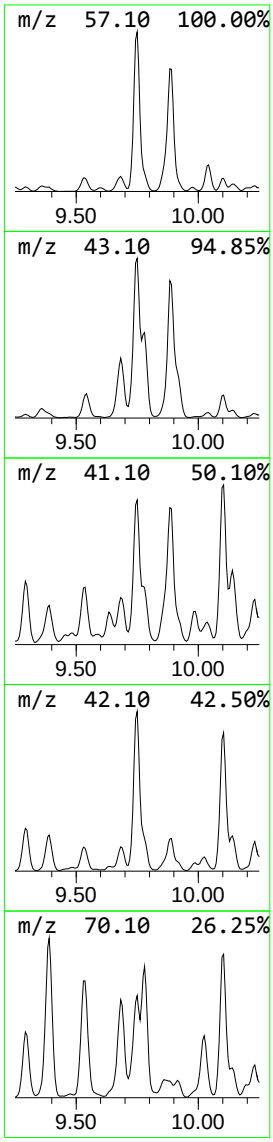
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.749	62.61 ug/l	6524970	1,4-Difluorobenzene	8.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	2-Piperidinone	99	C5H9NO	000675-20-7	64
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	40
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





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Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

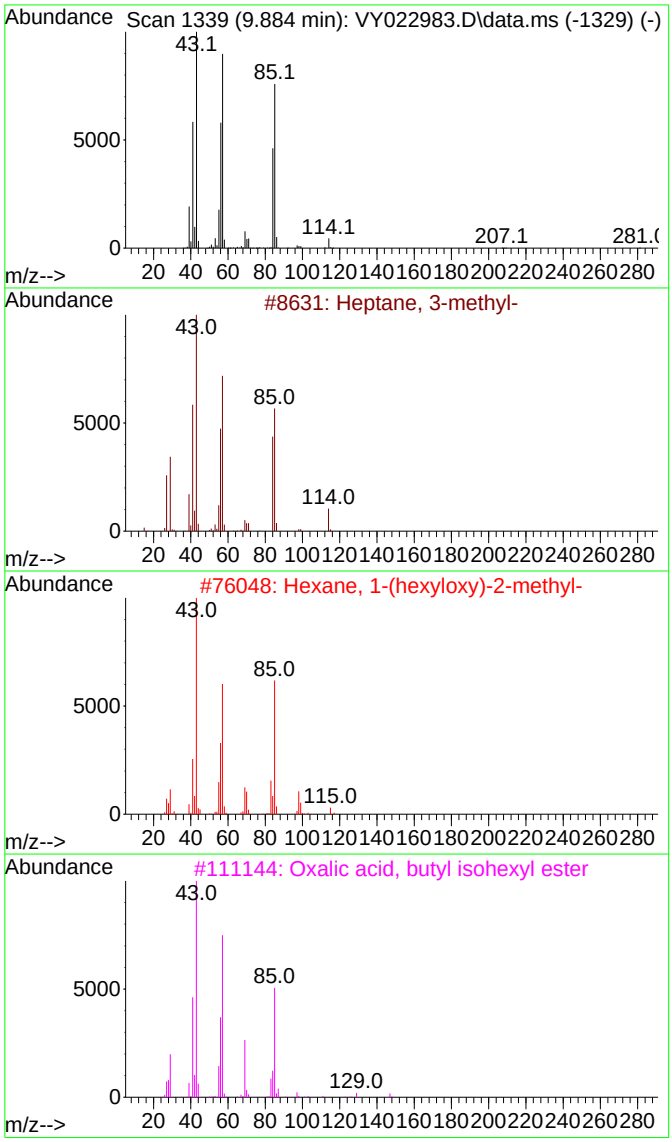
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

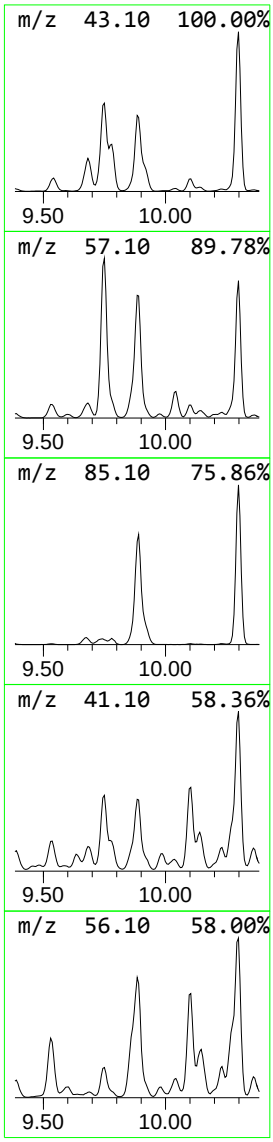
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	93.02 ug/l	9694000	1,4-Difluorobenzene	8.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





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Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

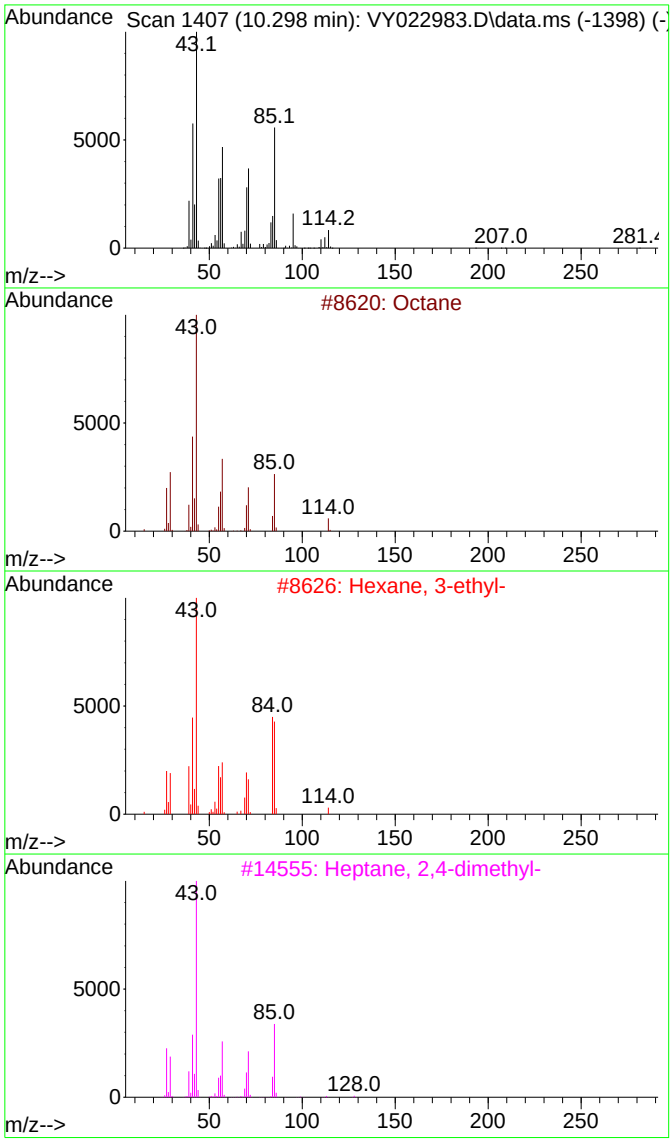
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

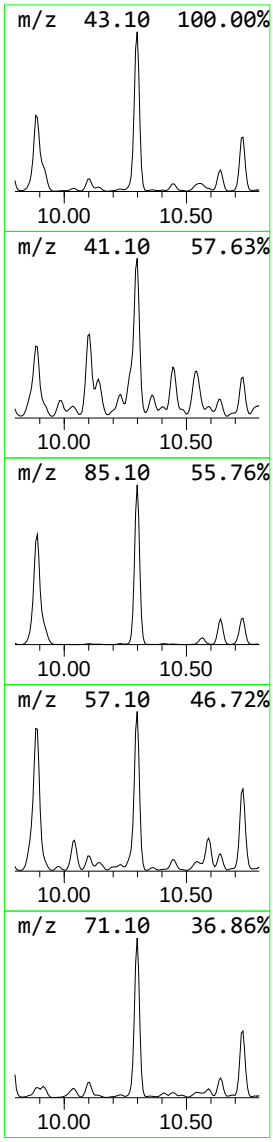
****

Peak Number 5 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	230.38 ug/l	19056100	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	2-Ethylpiperazine	114	C6H14N2	013961-37-0	49
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	43





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Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

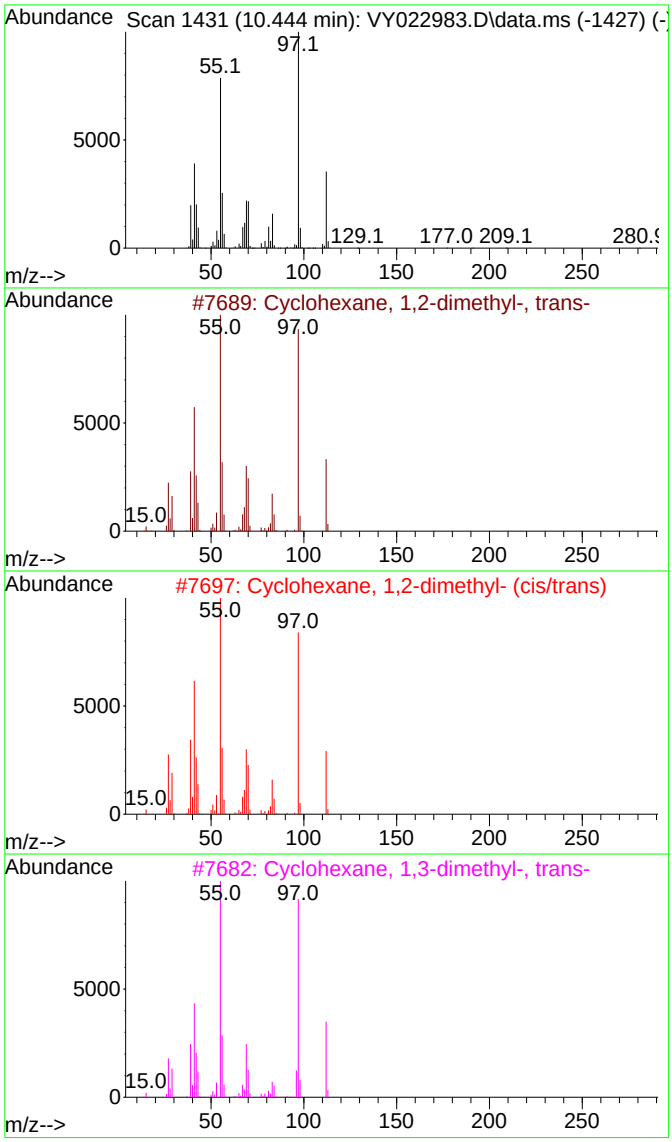
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

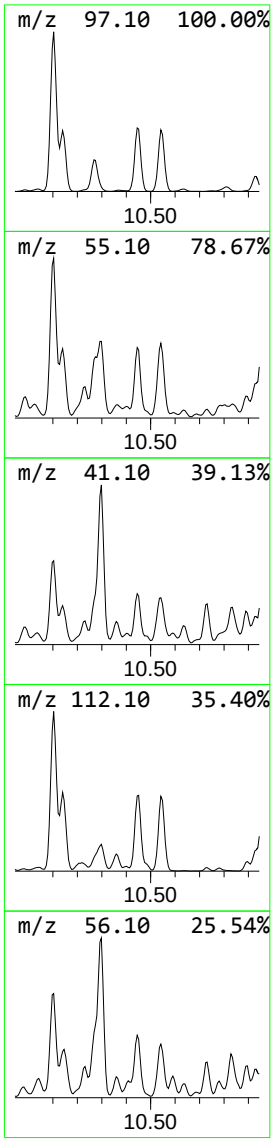
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.444	76.38 ug/l	6317400	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76





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Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

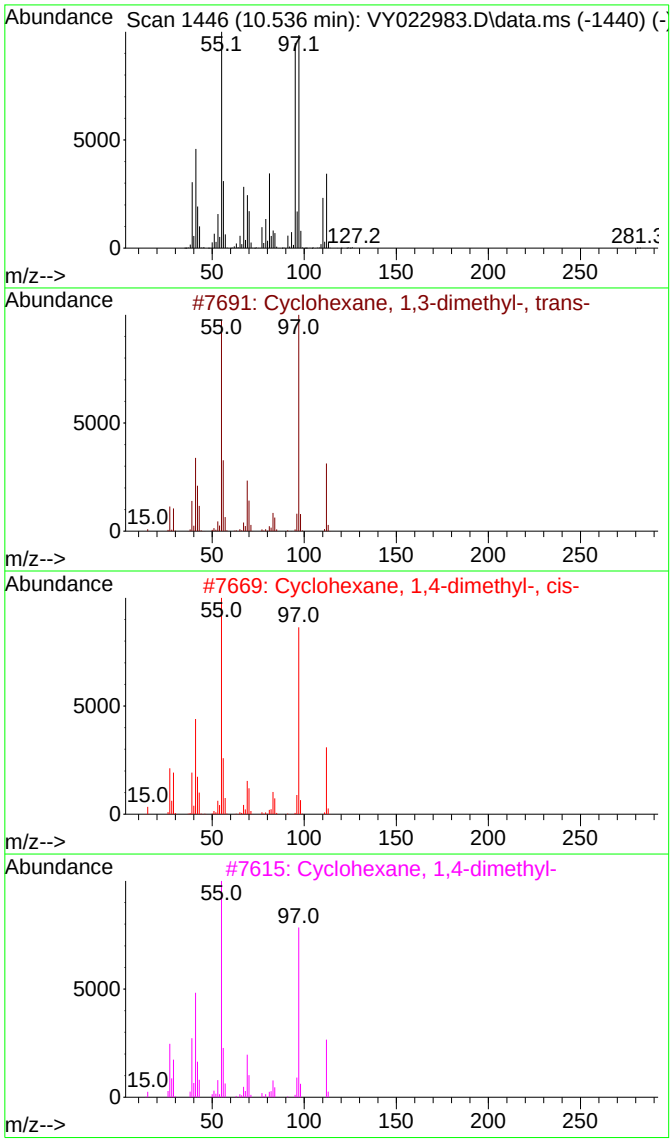
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

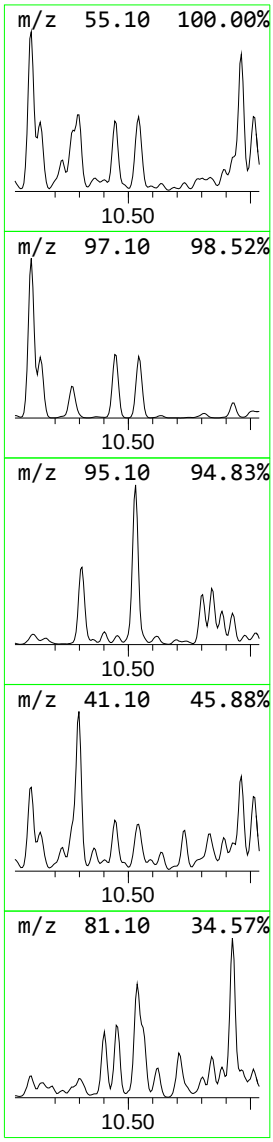
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	114.64 ug/l	9481940	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	60
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	60
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	60
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	55





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Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

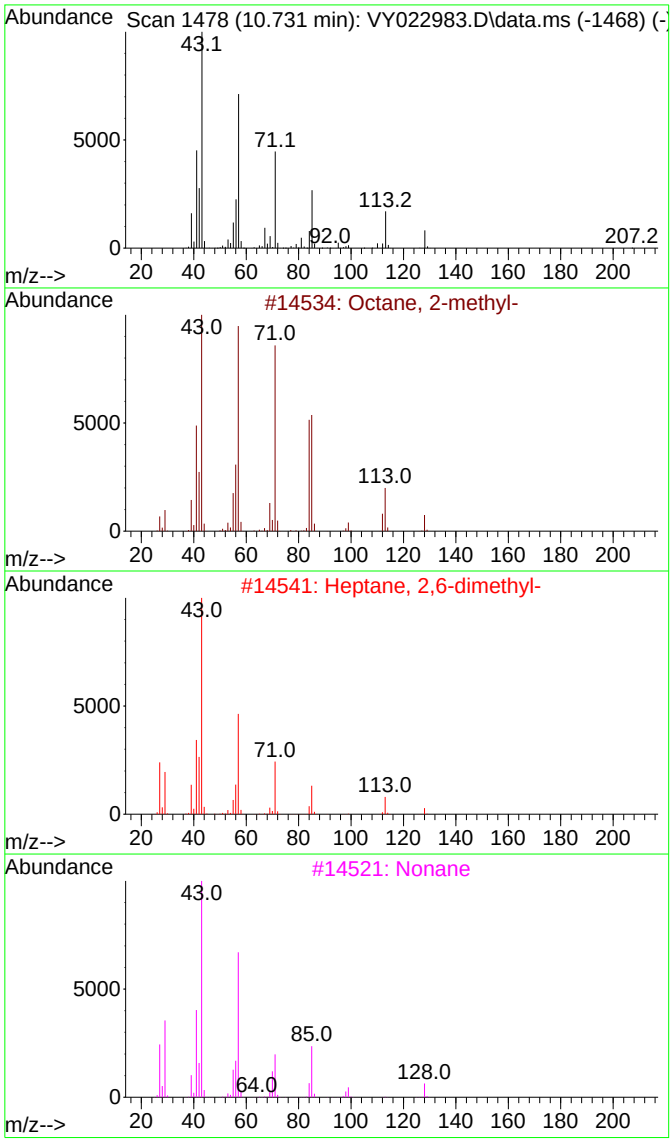
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

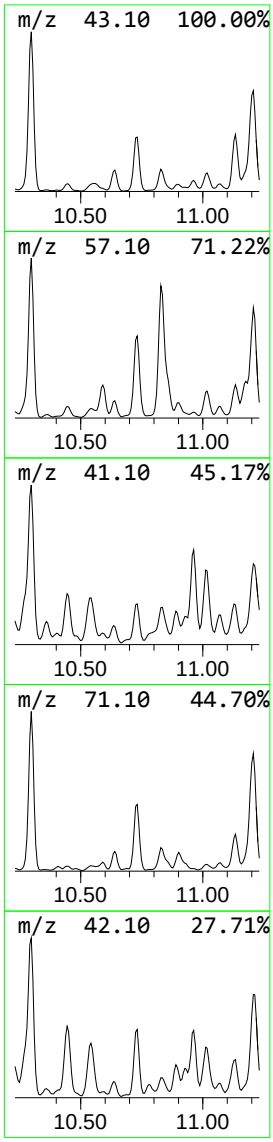
****

Peak Number 8 Octane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.731	56.10 ug/l	4640390	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	90
3	Nonane	128	C9H20	000111-84-2	49
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





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Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

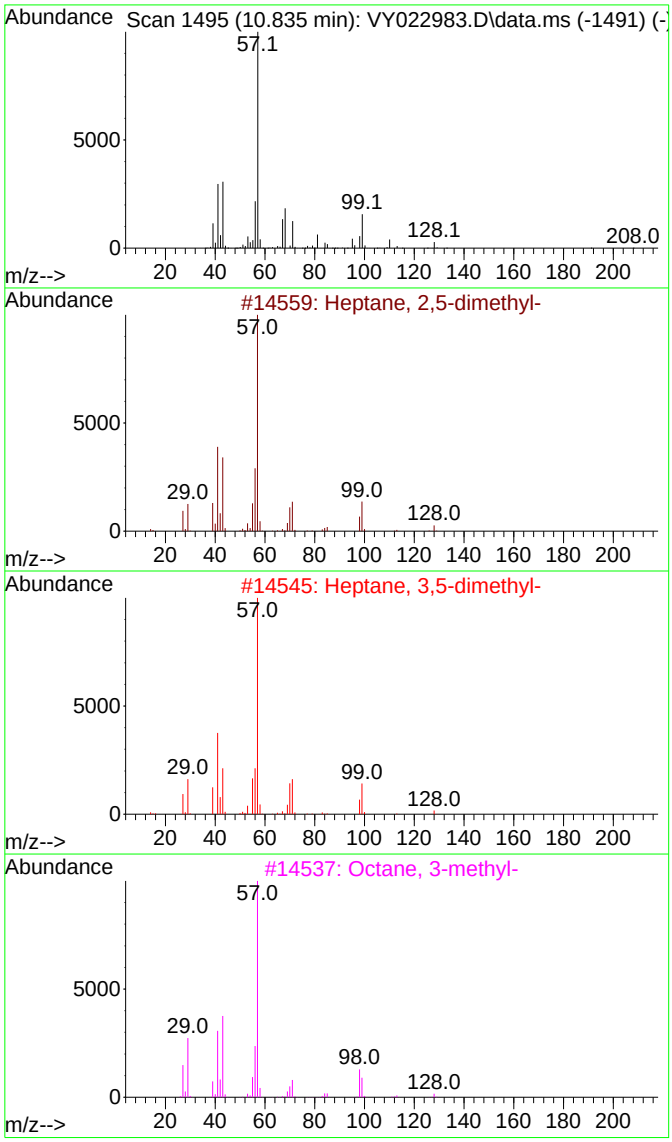
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

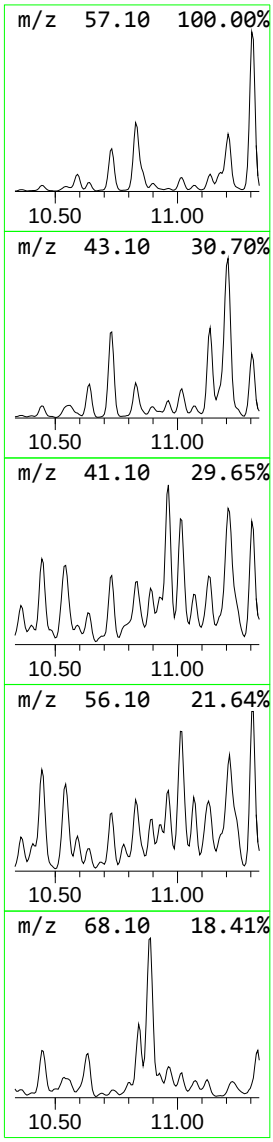
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.835	52.26 ug/l	4322380	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3	Octane, 3-methyl-	128	C9H20	002216-33-3	52
4	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	47
5	2-Octen-1-ol, (E)-	128	C8H16O	018409-17-1	42





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Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

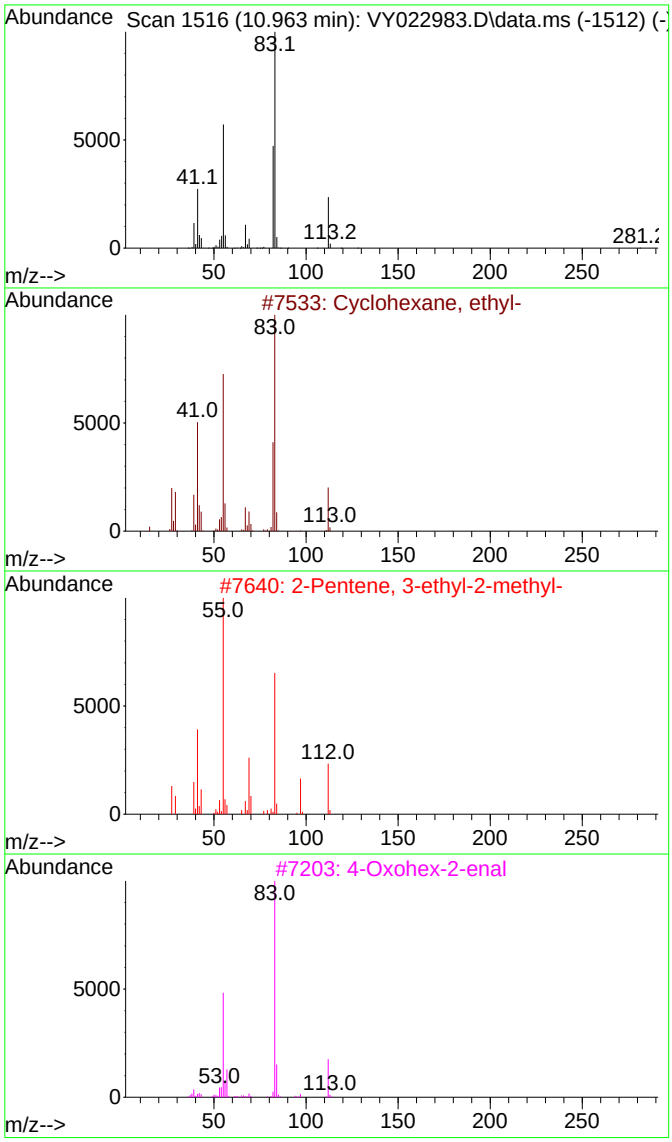
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

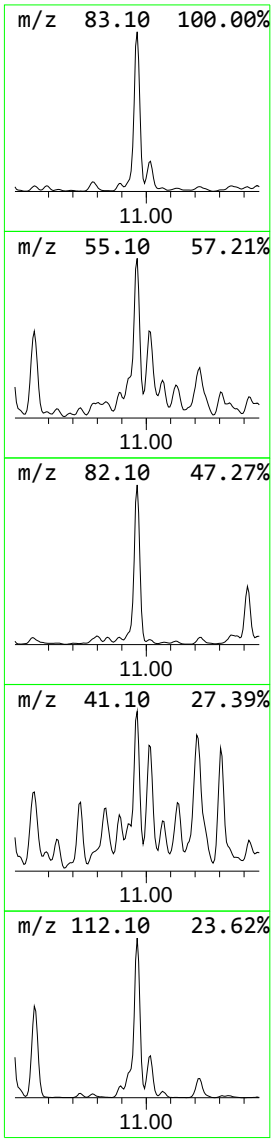
****

Peak Number 10 Cyclohexane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.963	122.04 ug/l	10094400	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53
3	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	53
4	2H-Pyran-2-carboxaldehyde, 5,6-d...	112	C6H8O2	053897-26-0	50
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	50





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Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

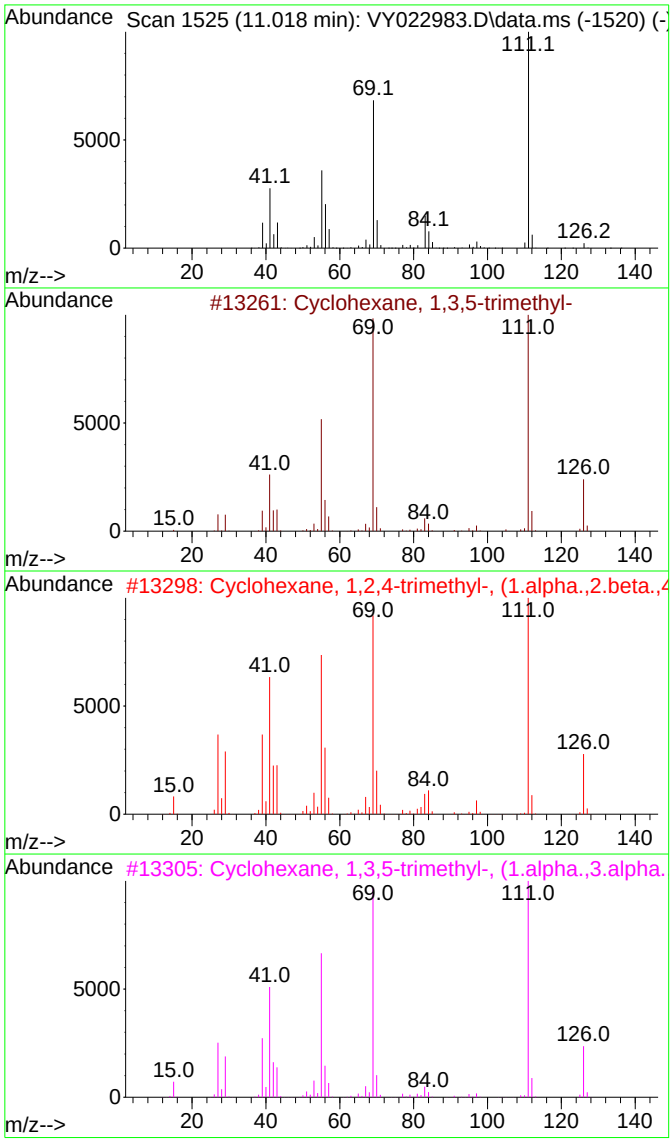
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

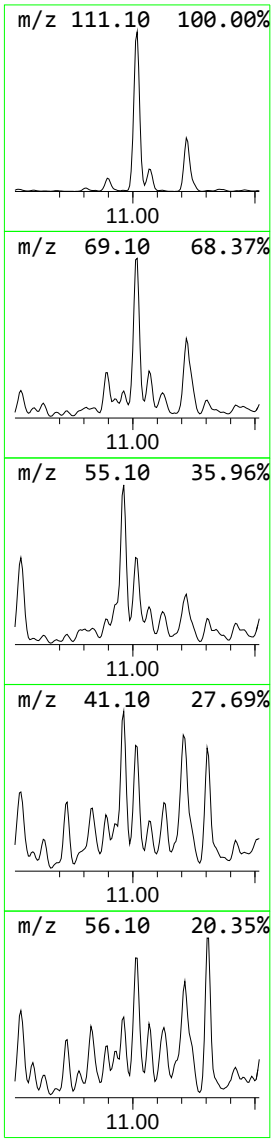
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	114.78 ug/l	9494180	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62
5	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

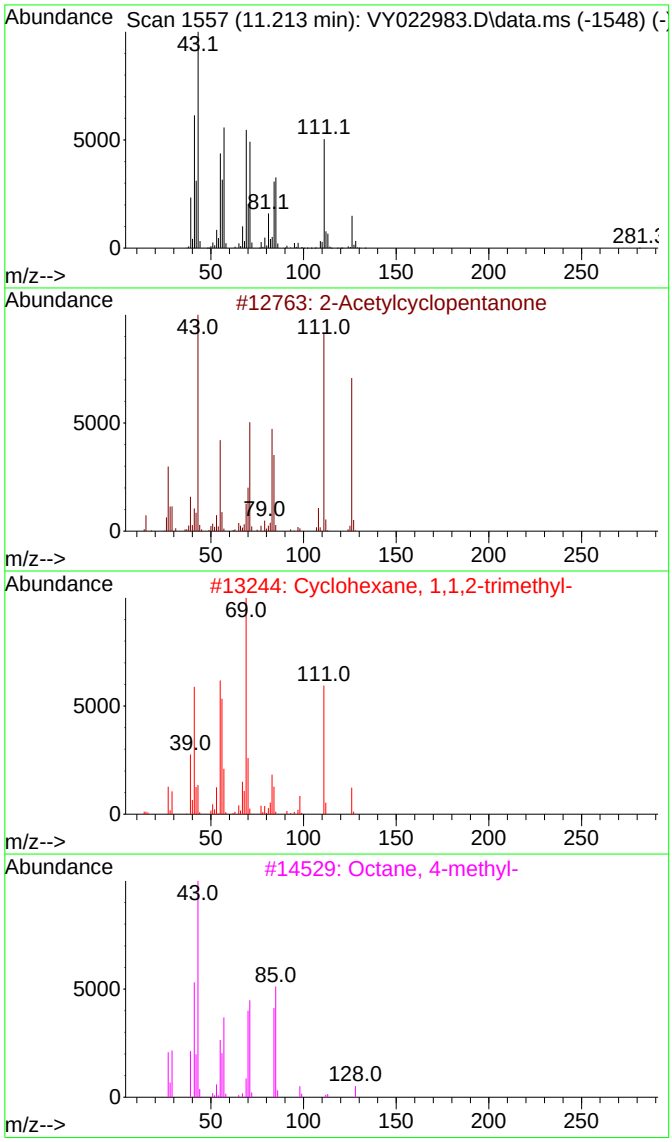
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

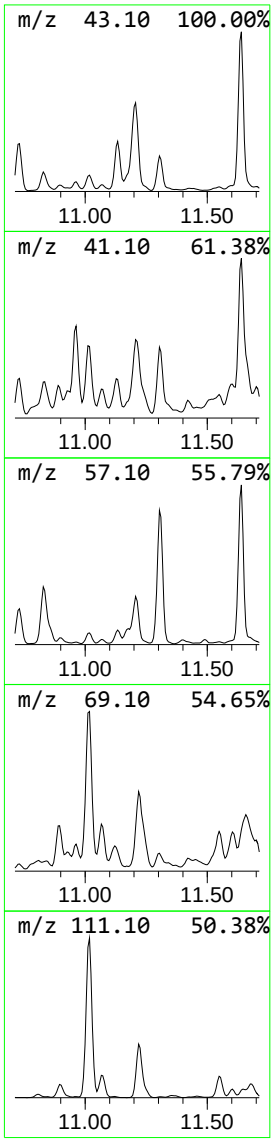
****

Peak Number 12 2-Acetylcyclopentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.213	171.75 ug/l	14206300	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	52
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
3	Octane, 4-methyl-	128	C9H20	002216-34-4	38
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

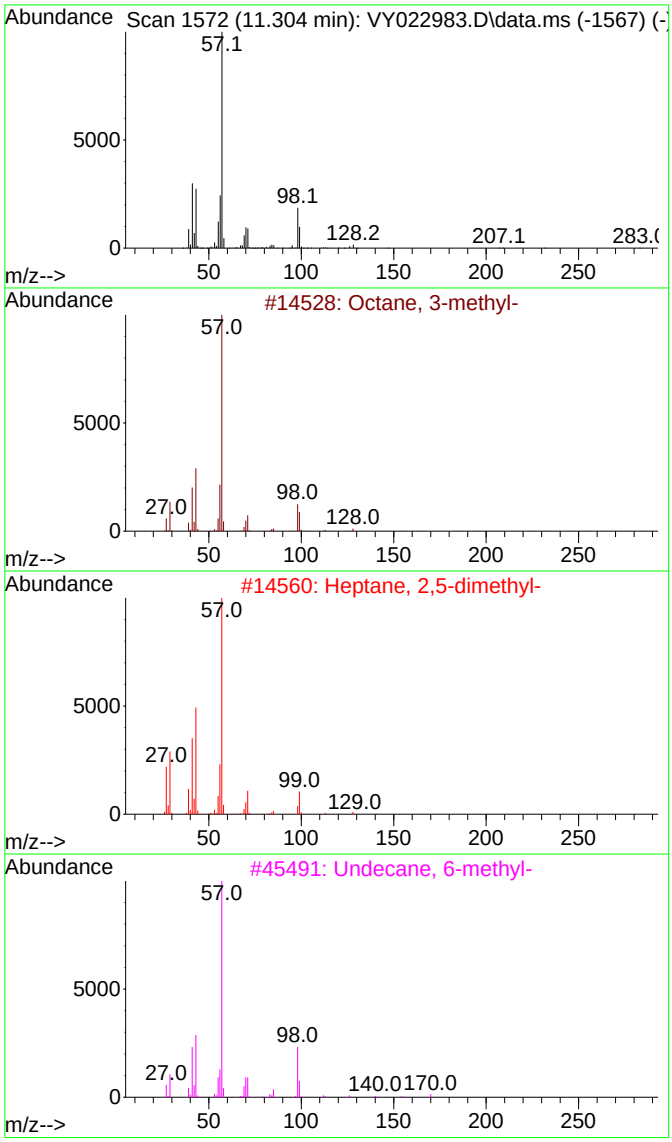
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

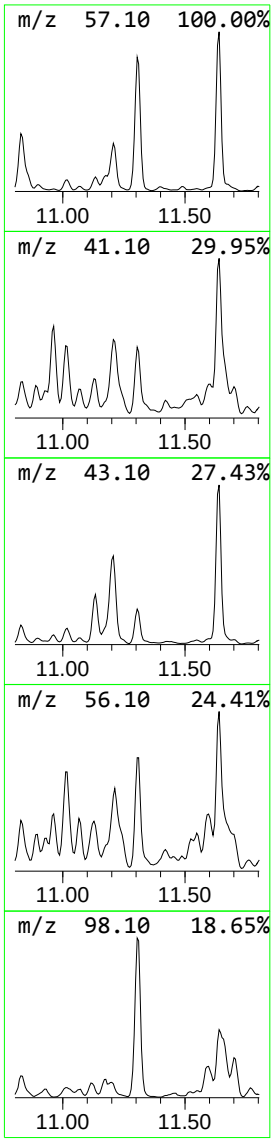
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Octane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	100.08 ug/l	8278390	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

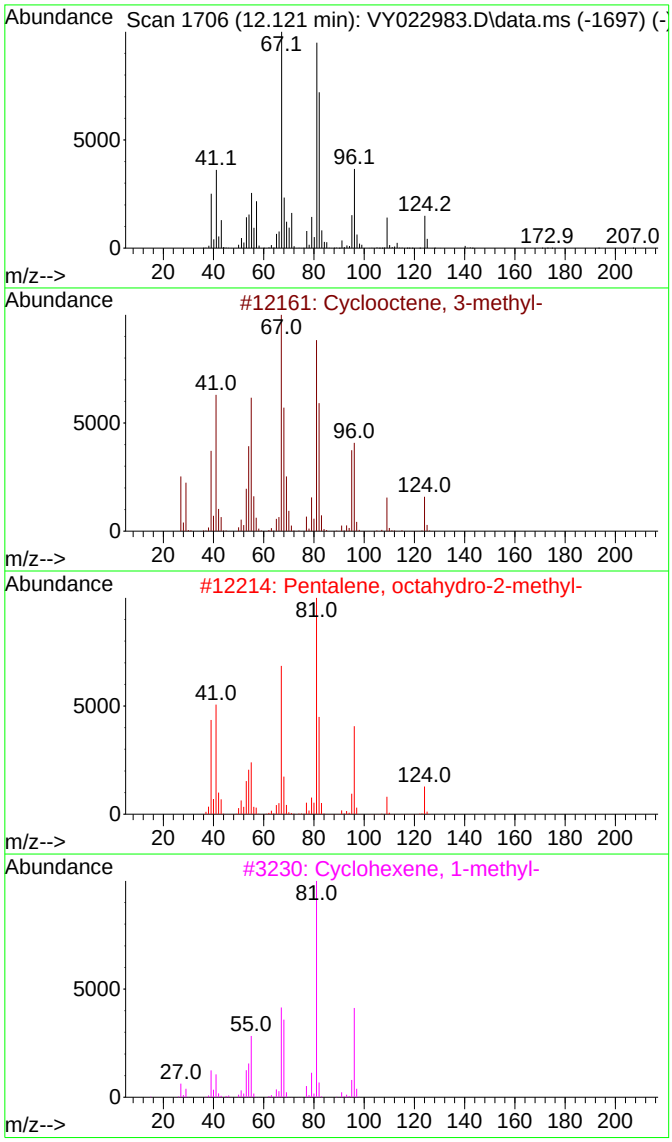
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

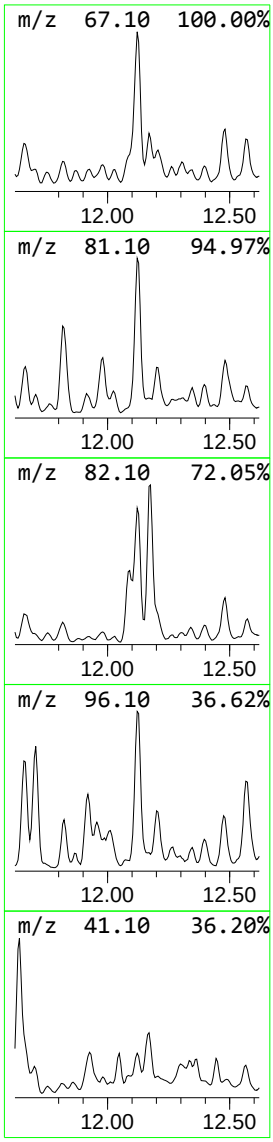
****

Peak Number 14 Cyclooctene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	90.55 ug/l	7489380	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

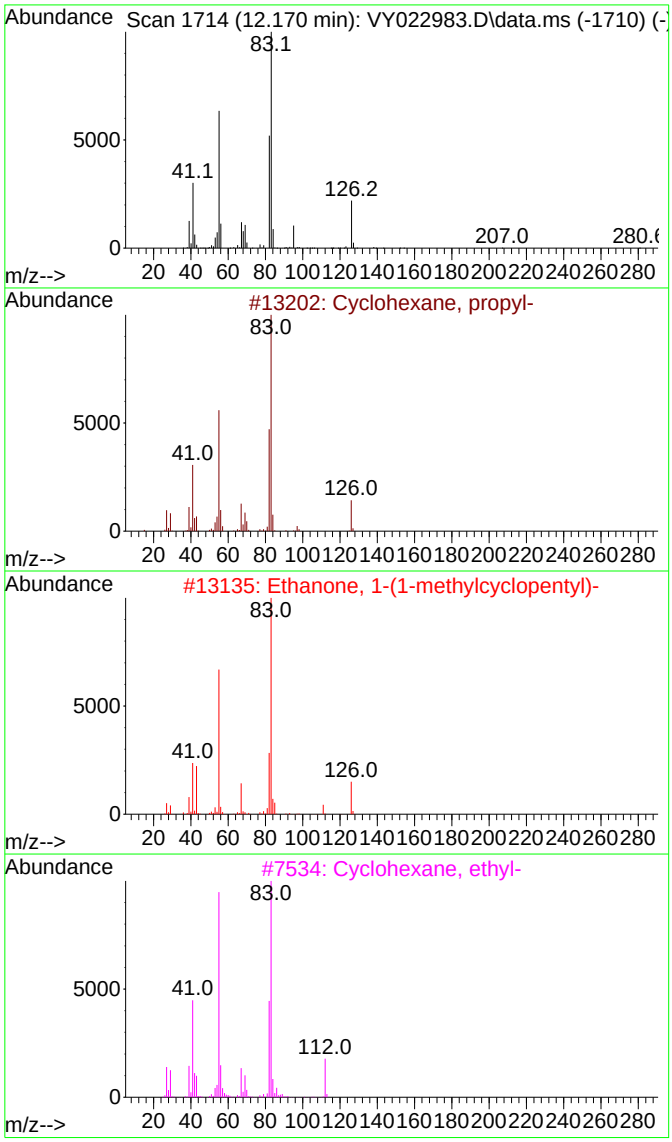
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

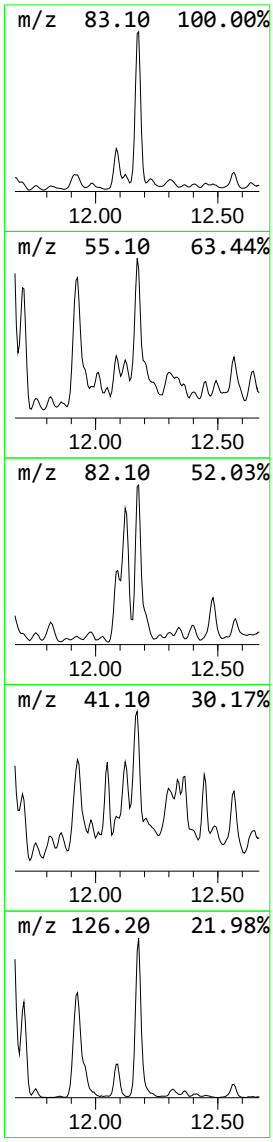
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.170	60.67 ug/l	5018300	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	59
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
5	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, 1...	8.201	49.5	ug/l	5158880	2	8.616	5210620	50.0
Heptane	8.469	72.2	ug/l	7521910	2	8.616	5210620	50.0
Heptane, 2-methyl-	9.749	62.6	ug/l	6524970	2	8.616	5210620	50.0
Heptane, 3-methyl-	9.884	93.0	ug/l	9694000	2	8.616	5210620	50.0
Octane	10.298	230.4	ug/l	19056100	3	11.414	4135700	50.0
Cyclohexane, 1,...	10.444	76.4	ug/l	6317400	3	11.414	4135700	50.0
Cyclohexane, 1,...	10.536	114.6	ug/l	9481940	3	11.414	4135700	50.0
Octane, 2-methyl-	10.731	56.1	ug/l	4640390	3	11.414	4135700	50.0
Heptane, 2,5-di...	10.835	52.3	ug/l	4322380	3	11.414	4135700	50.0
Cyclohexane, et...	10.963	122.0	ug/l	10094400	3	11.414	4135700	50.0
Cyclohexane, 1,...	11.018	114.8	ug/l	9494180	3	11.414	4135700	50.0
2-Acetylcyclope...	11.213	171.8	ug/l	14206300	3	11.414	4135700	50.0
Octane, 3-methyl-	11.304	100.1	ug/l	8278390	3	11.414	4135700	50.0
Cyclooctene, 3-...	12.121	90.5	ug/l	7489380	3	11.414	4135700	50.0
Cyclohexane, pr...	12.170	60.7	ug/l	5018300	3	11.414	4135700	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046967.D
Acq On : 14 Jul 2025 12:49
Operator : JC/MD
Sample : Q2480-02ME
Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 15 01:17:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	302766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208433	52.110	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.220%			
35) Dibromofluoromethane	5.397	113	166531	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	8.647	98	593241	48.373	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	239079	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						Qvalue
31) Cyclohexane	5.477	56	21084	3.688	ug/l	93
39) Methylcyclohexane	7.379	83	114611	19.536	ug/l	91
40) Benzene	6.050	78	16692	1.177	ug/l	96
52) Toluene	8.720	92	10690	1.216	ug/l	93
64) Tetrachloroethene	9.275	164	4393	1.438	ug/l	90
67) Ethyl Benzene	10.195	91	133370	7.850	ug/l	100
68) m/p-Xylenes	10.299	106	182808	28.553	ug/l	98
69) o-Xylene	10.646	106	9474	1.532	ug/l	90
73) Isopropylbenzene	10.963	105	40776	2.471	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218024	16.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	595843	43.962	ug/l	96
86) p-Isopropyltoluene	12.006	119	30435	2.081	ug/l	96
89) n-Butylbenzene	12.323	91	44480m	3.237	ug/l	
95) Naphthalene	13.774	128	112016	8.399	ug/l	98

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

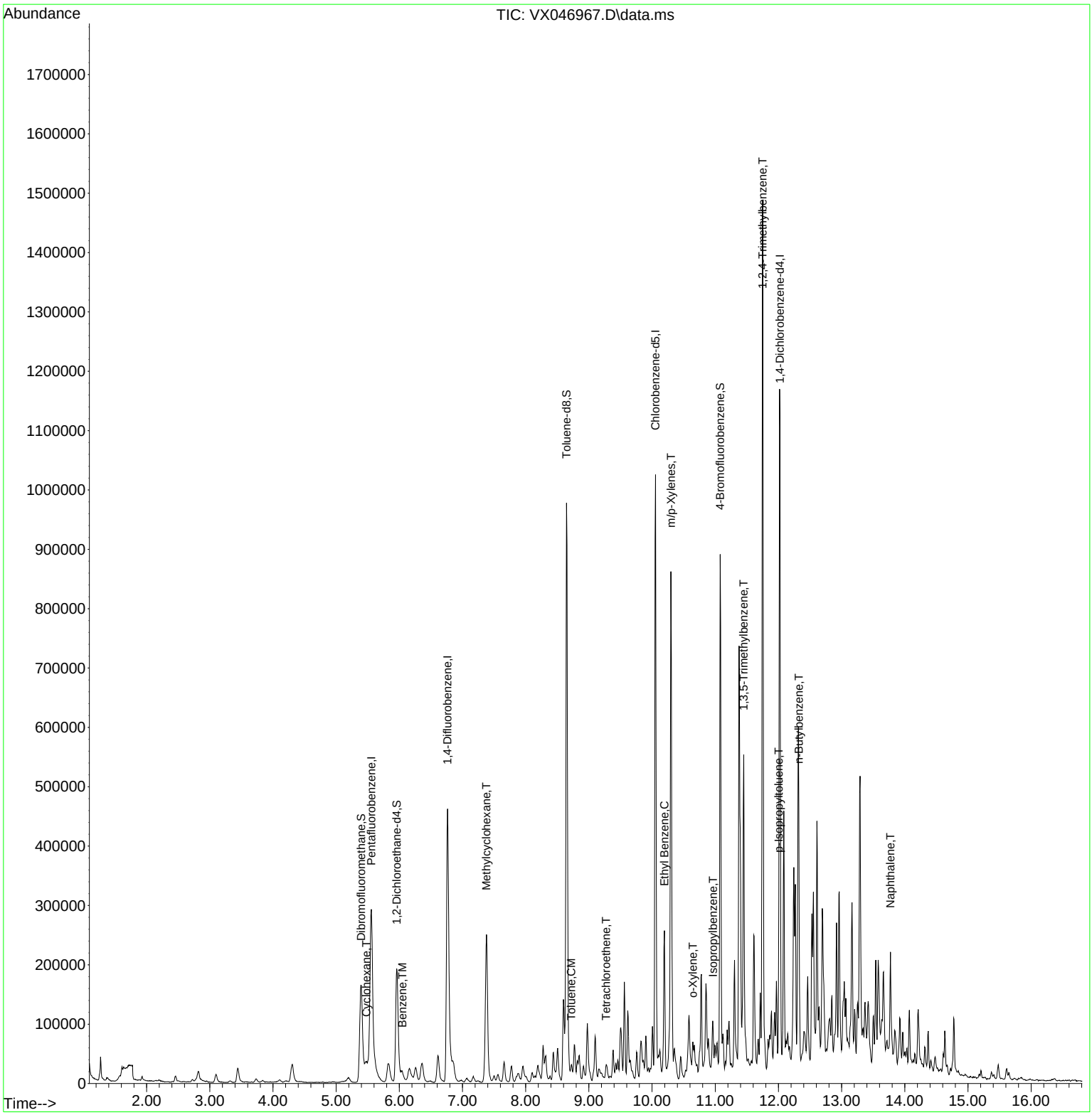
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046967.D
Acq On : 14 Jul 2025 12:49
Operator : JC/MD
Sample : Q2480-02ME
Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

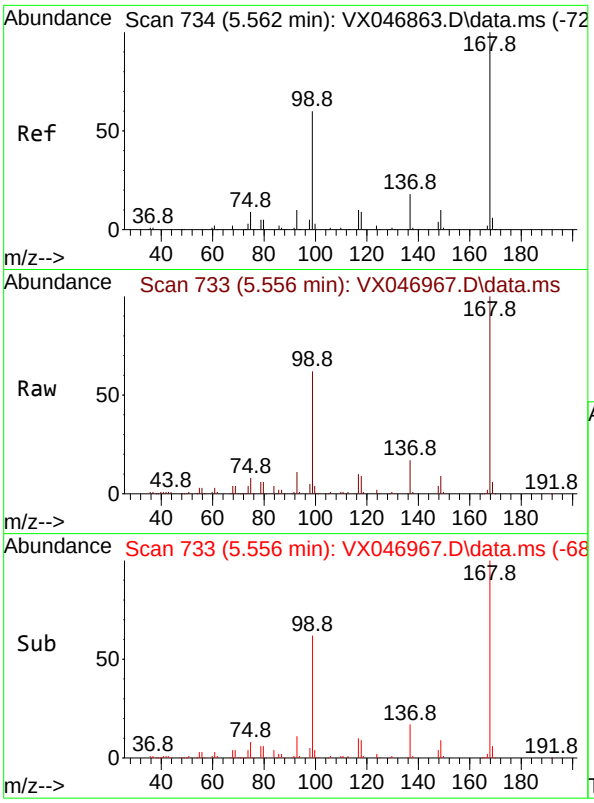
Quant Time: Jul 15 01:17:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

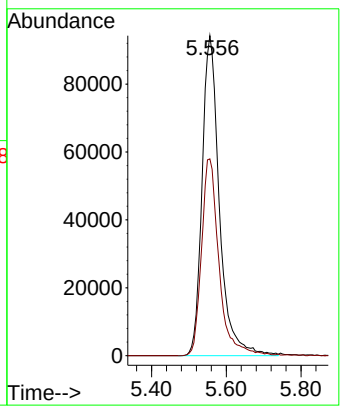




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:168 Resp: 30276

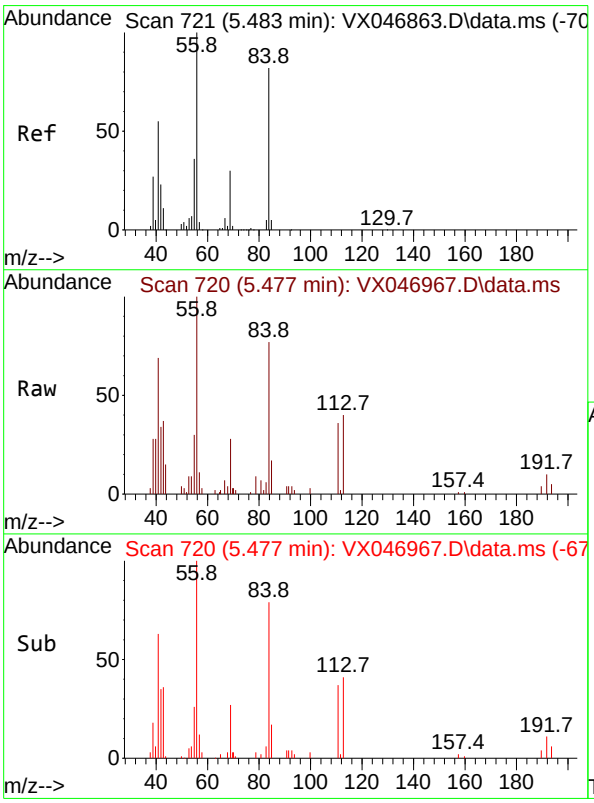
Ion	Ratio	Lower	Upper
168	100		
99	61.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

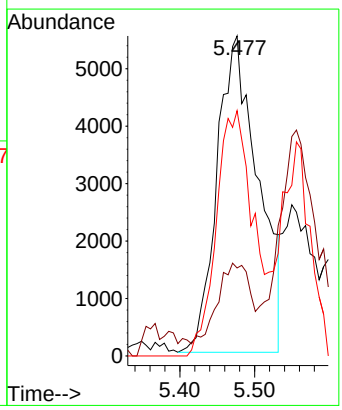
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

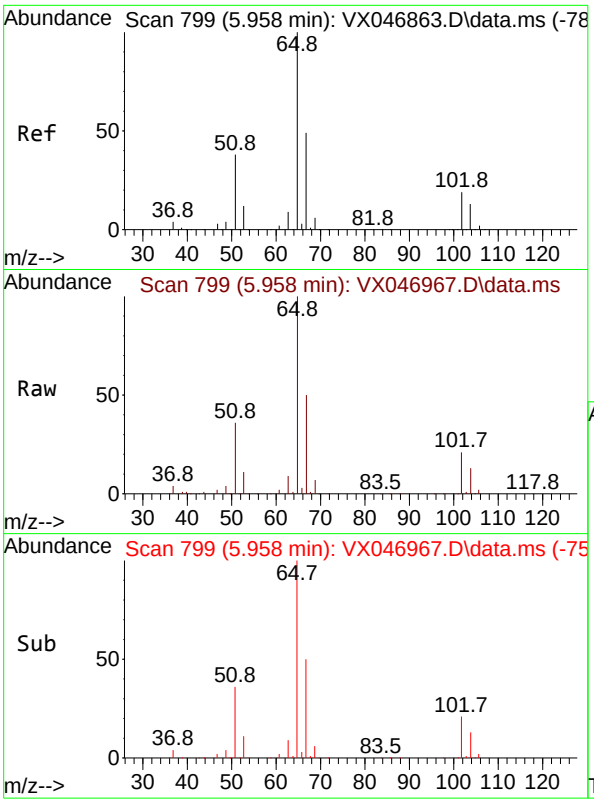


#31
Cyclohexane
Concen: 3.688 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 56 Resp: 21084

Ion	Ratio	Lower	Upper
56	100		
69	25.0	24.0	36.0
84	77.5	66.5	99.7

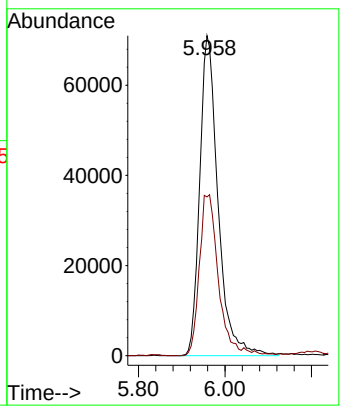




#33
1,2-Dichloroethane-d4
Concen: 52.110 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 65 Resp: 20843

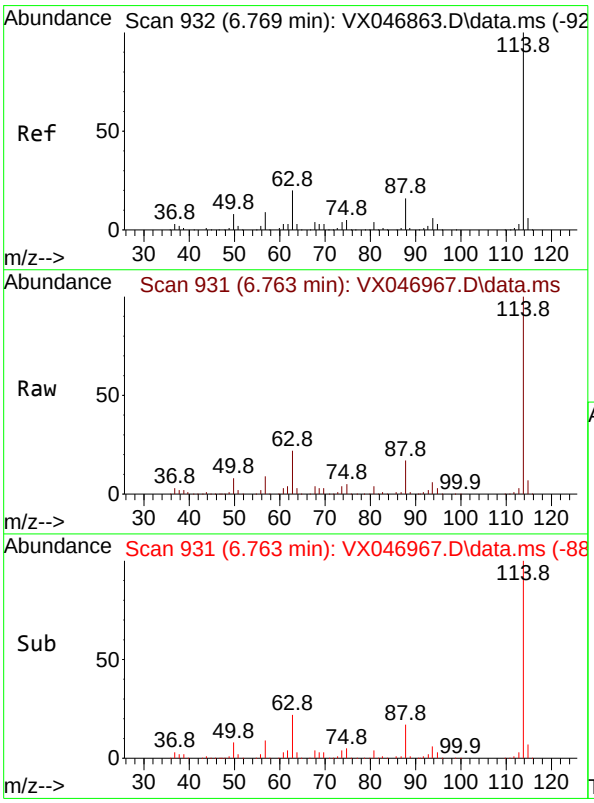
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.2



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

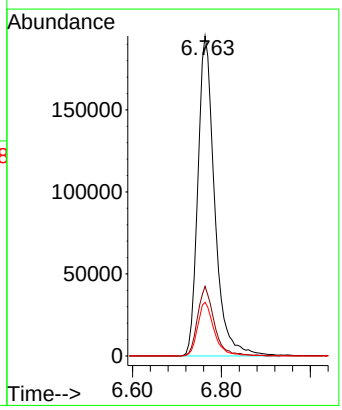
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

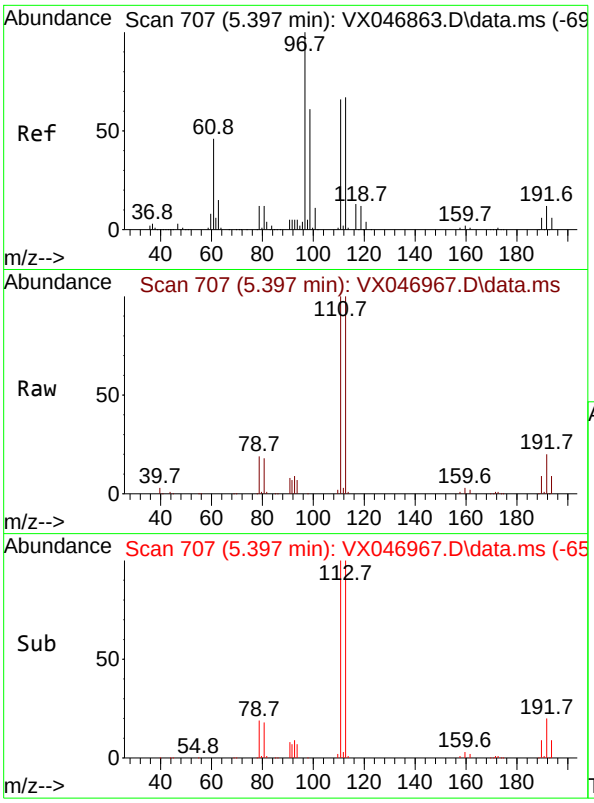


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:114 Resp: 512075

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	16.8	0.0	31.0

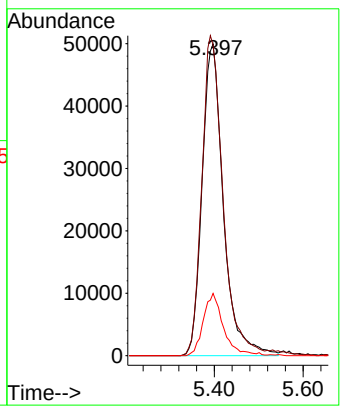




#35
Dibromofluoromethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:113 Resp: 16653

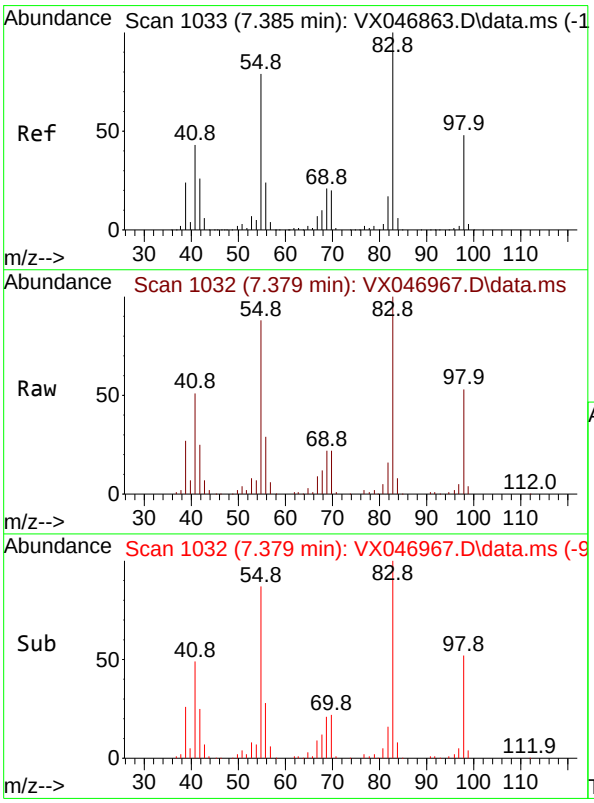
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.9	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

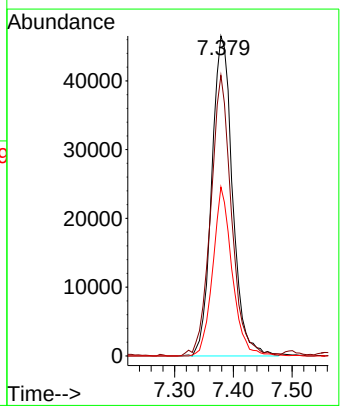
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

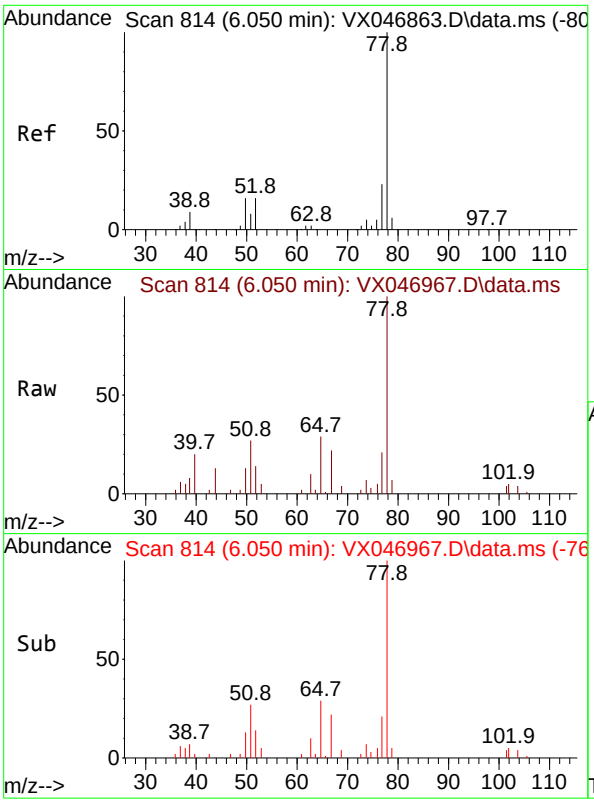


#39
Methylcyclohexane
Concen: 19.536 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 83 Resp: 114611

Ion	Ratio	Lower	Upper
83	100		
55	87.7	63.0	94.4
98	52.8	38.5	57.7

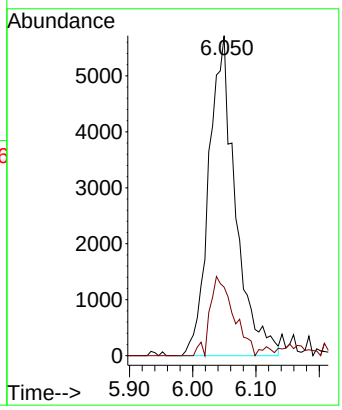




#40
Benzene
Concen: 1.177 ug/l
RT: 6.050 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 78 Resp: 1669

Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.7	28.1



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

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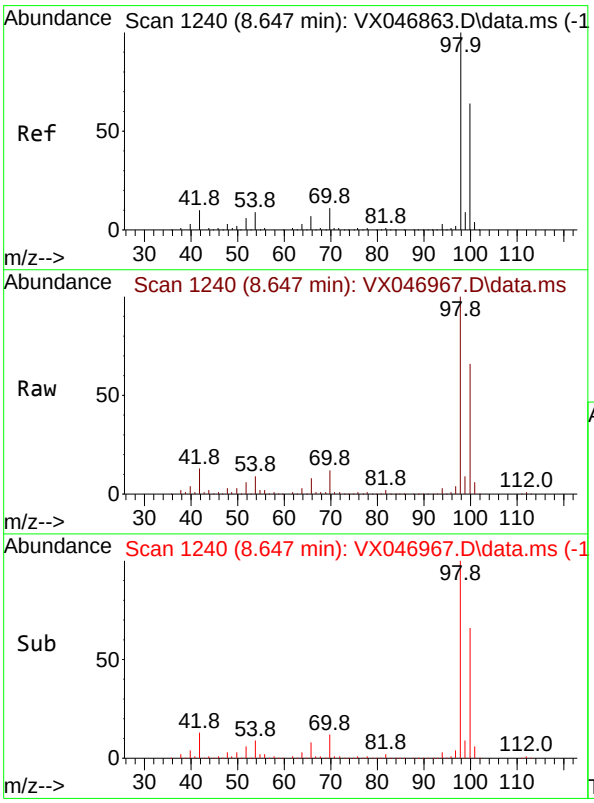
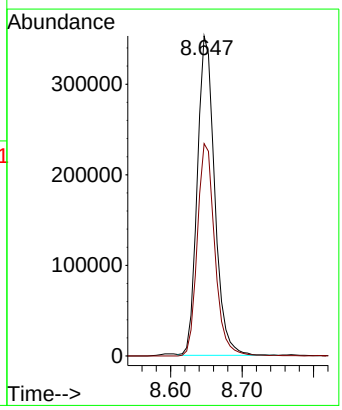
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

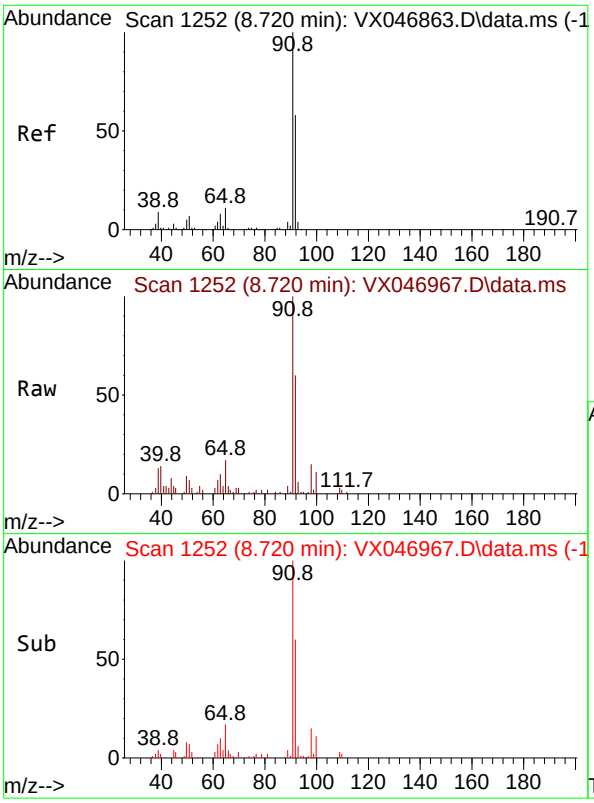


#50
Toluene-d8
Concen: 48.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 98 Resp: 593241

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.6

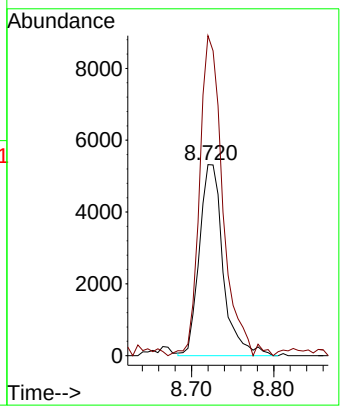




#52
Toluene
Concen: 1.216 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 92 Resp: 1069

Ion	Ratio	Lower	Upper
92	100		
91	162.0	137.9	206.9



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

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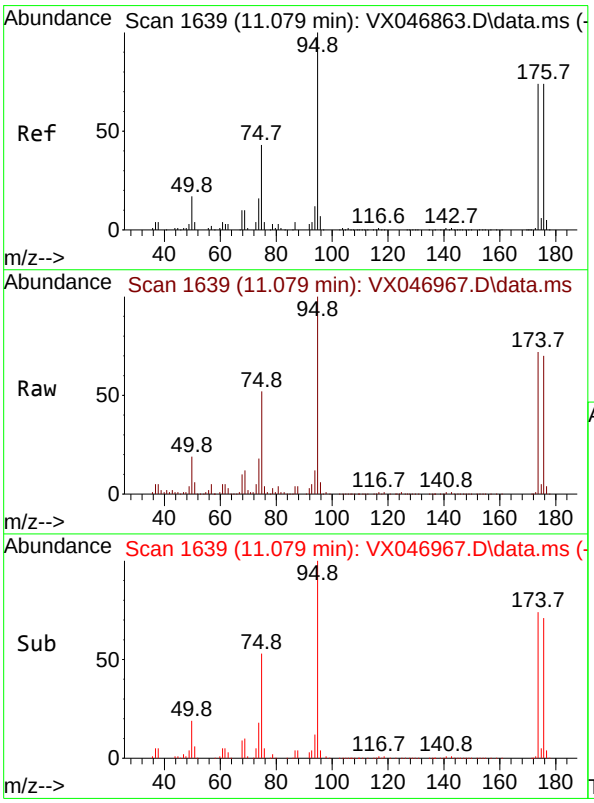
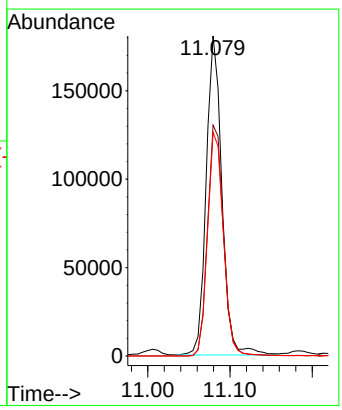
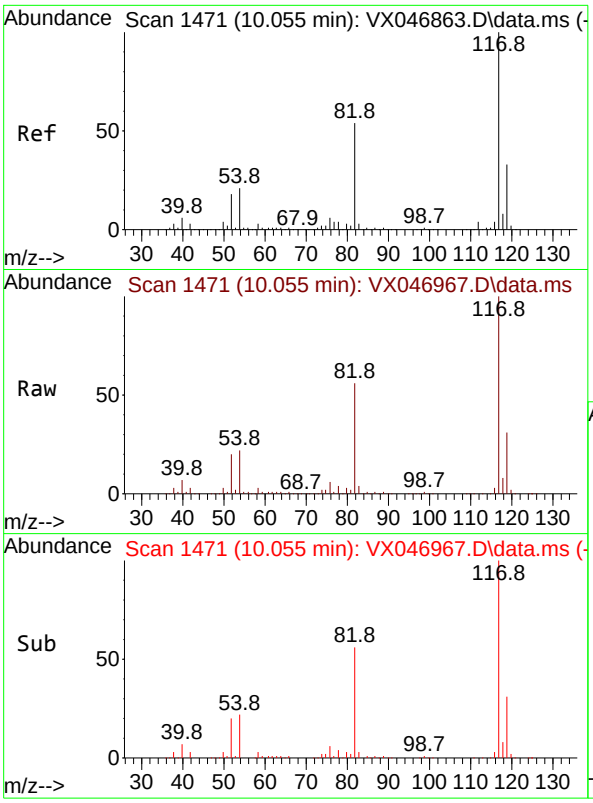


#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 95 Resp: 239079

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	152.0
176	71.0	0.0	145.2

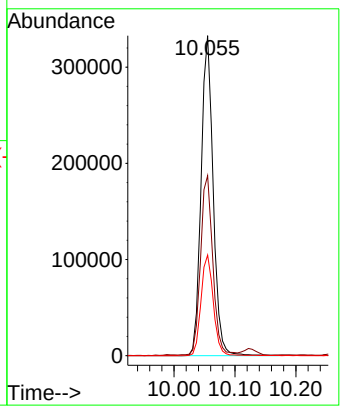




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:117 Resp: 45889

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.3	64.9
119	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
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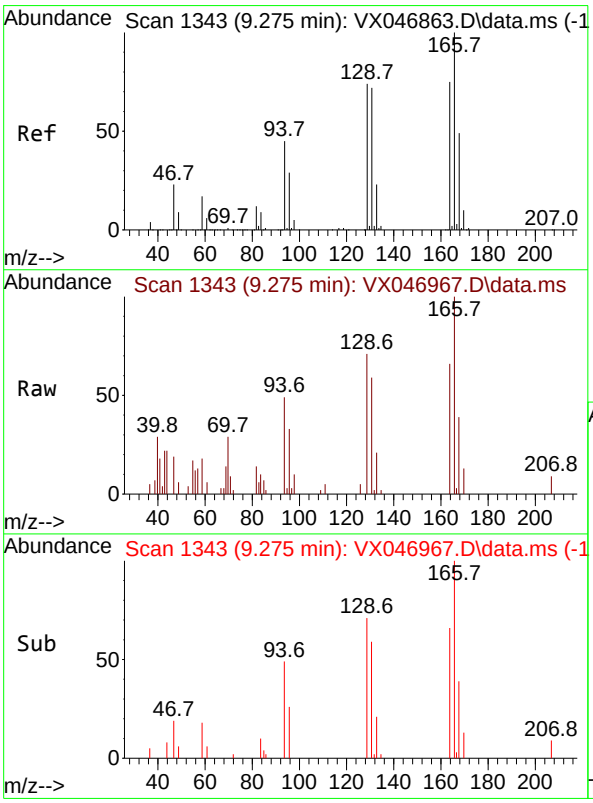
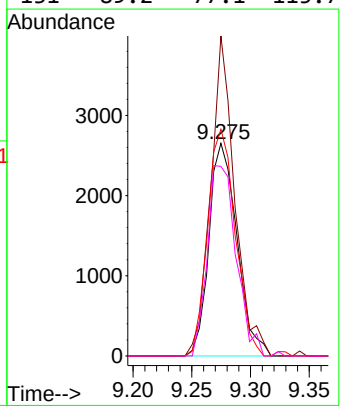
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

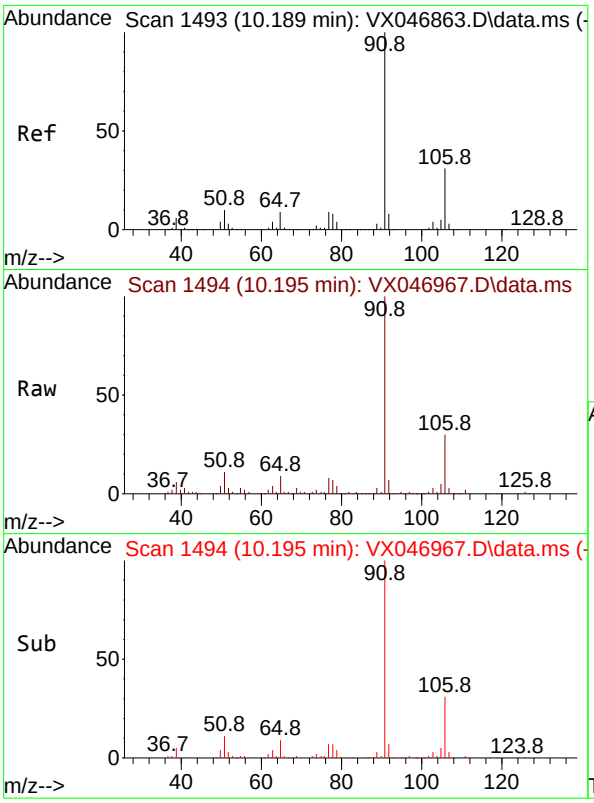


#64
Tetrachloroethene
Concen: 1.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:164 Resp: 4393

Ion	Ratio	Lower	Upper
164	100		
166	150.5	107.0	160.6
129	106.6	79.7	119.5
131	89.2	77.1	115.7

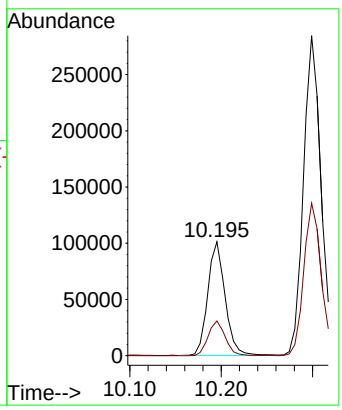




#67
Ethyl Benzene
Concen: 7.850 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 13337

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

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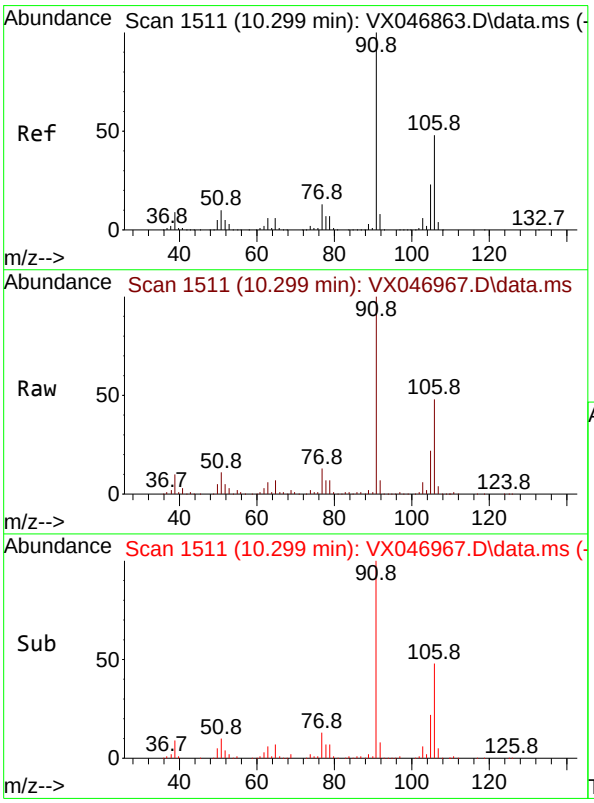
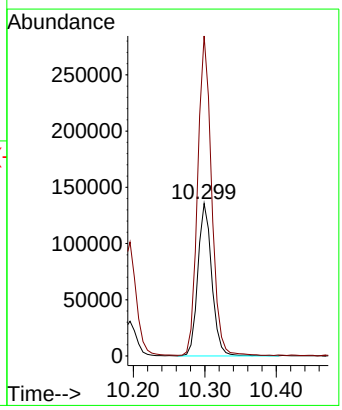
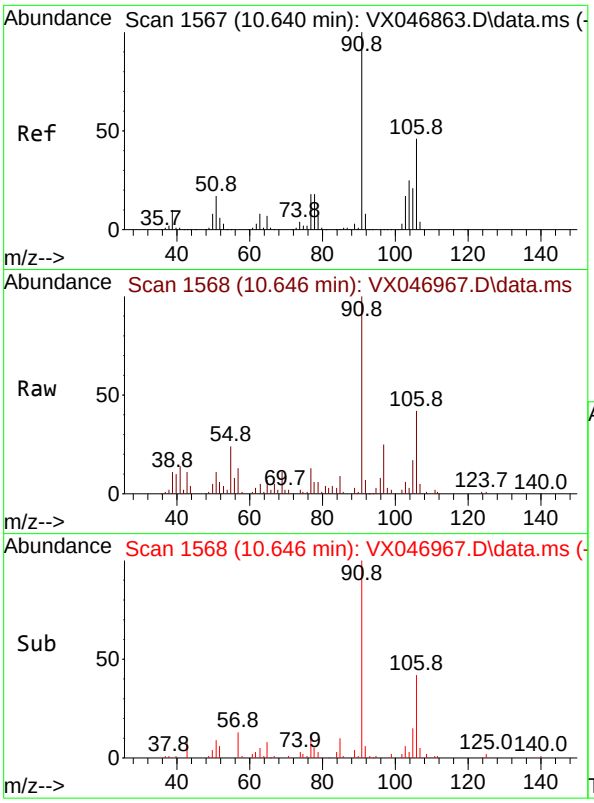


#68
m/p-Xylenes
Concen: 28.553 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:106 Resp: 182808

Ion	Ratio	Lower	Upper
106	100		
91	209.0	164.6	246.8





#69
o-Xylene
Concen: 1.532 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:106 Resp: 947

Ion	Ratio	Lower	Upper
106	100		
91	235.5	109.5	328.5

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

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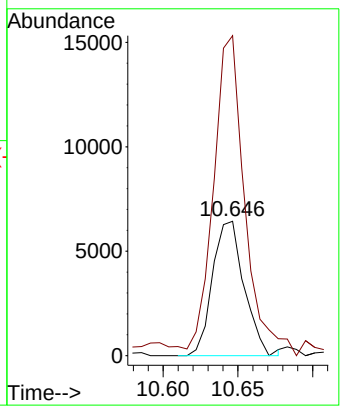
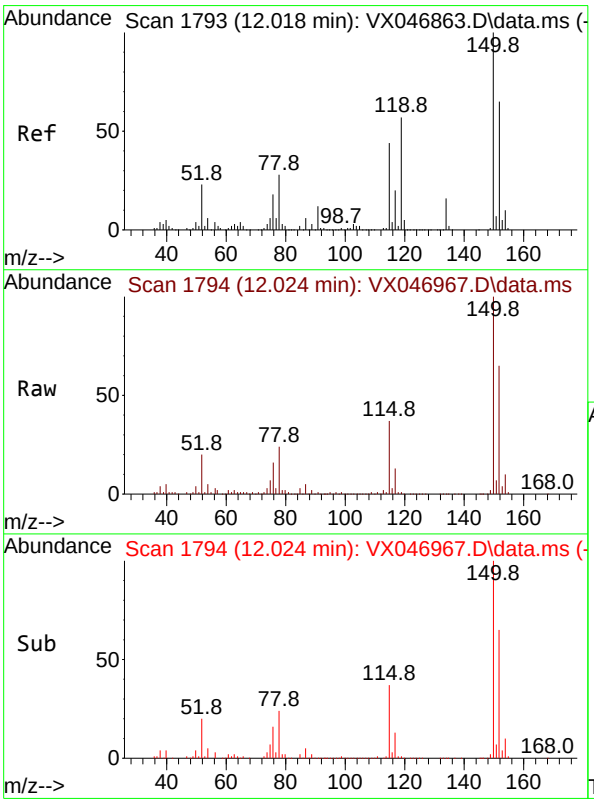
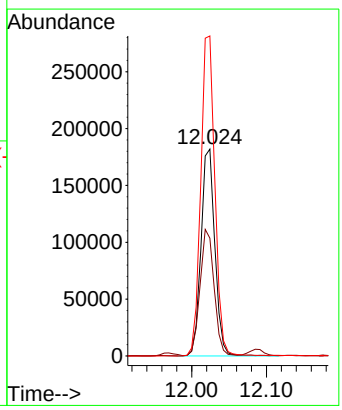


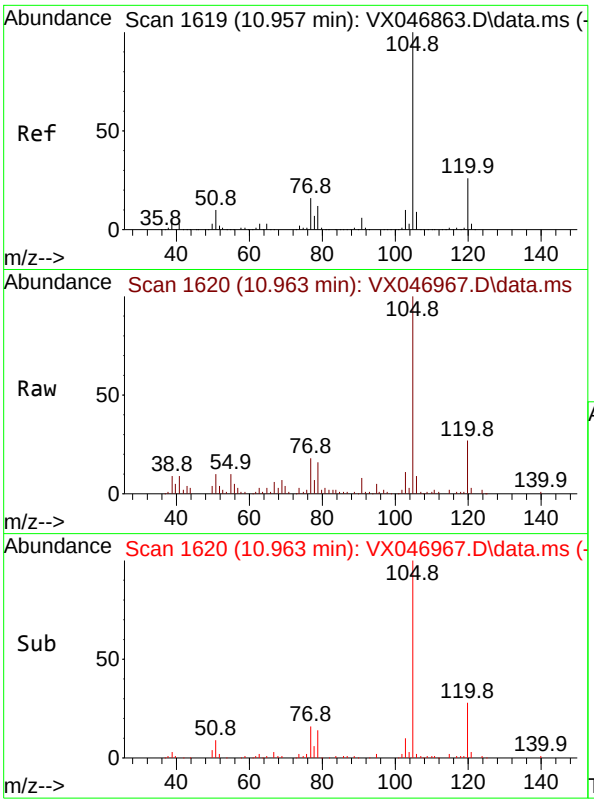


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:152 Resp: 234758

Ion	Ratio	Lower	Upper
152	100		
115	61.8	42.4	127.1
150	157.4	0.0	349.2

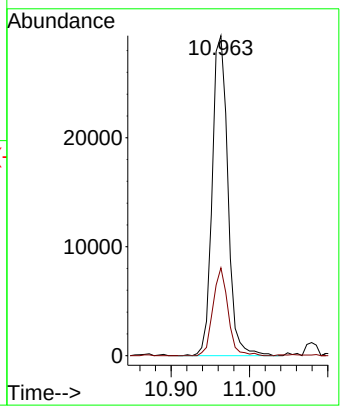




#73
Isopropylbenzene
Concen: 2.471 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 4077

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
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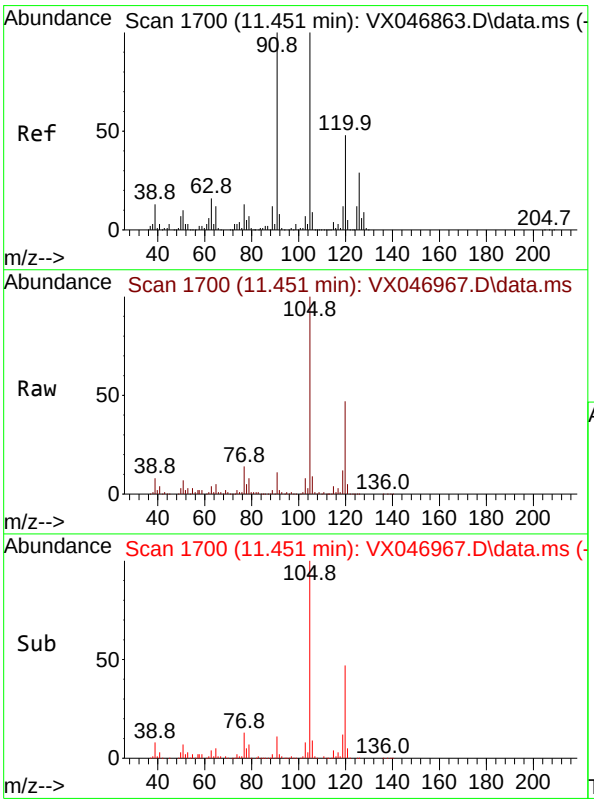
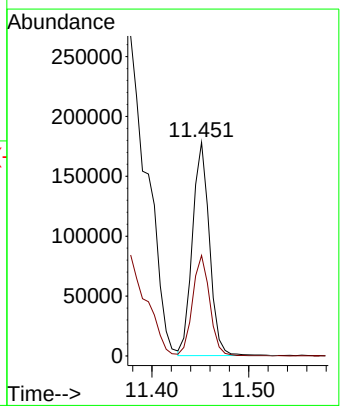
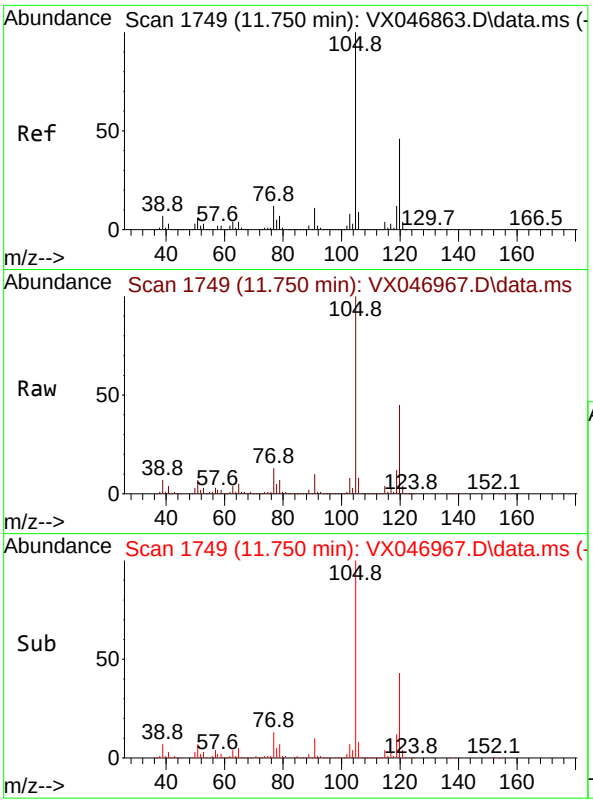


#80
1,3,5-Trimethylbenzene
Concen: 16.259 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 218024

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.1	72.4

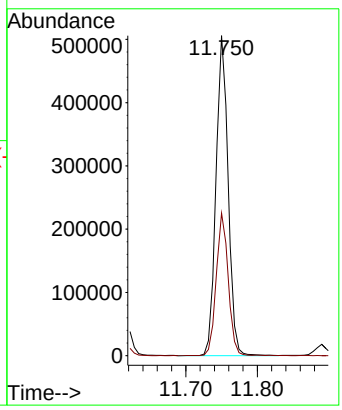




#84
1,2,4-Trimethylbenzene
Concen: 43.962 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 59584

Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
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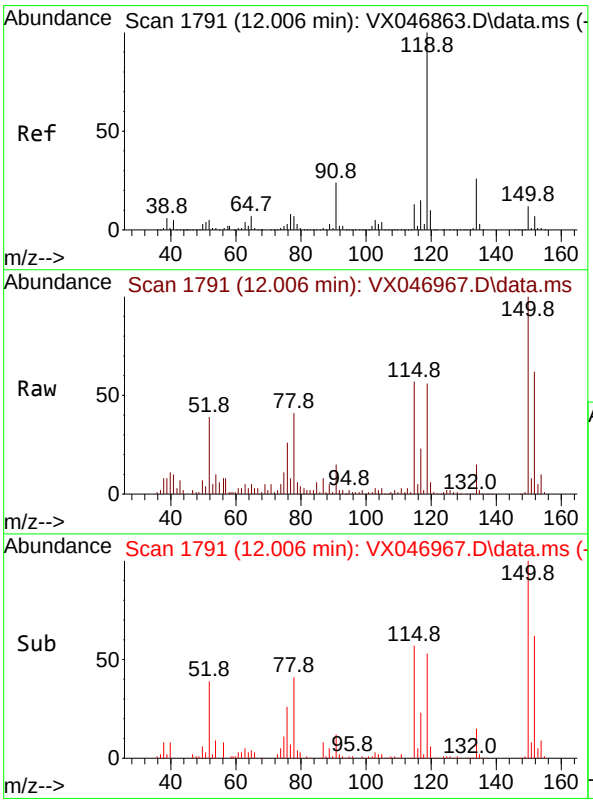
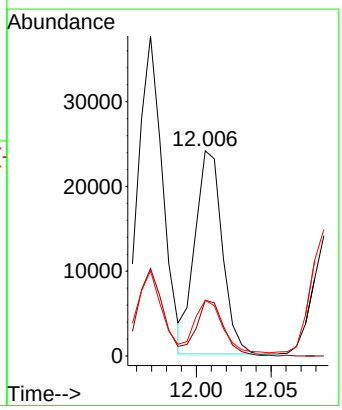
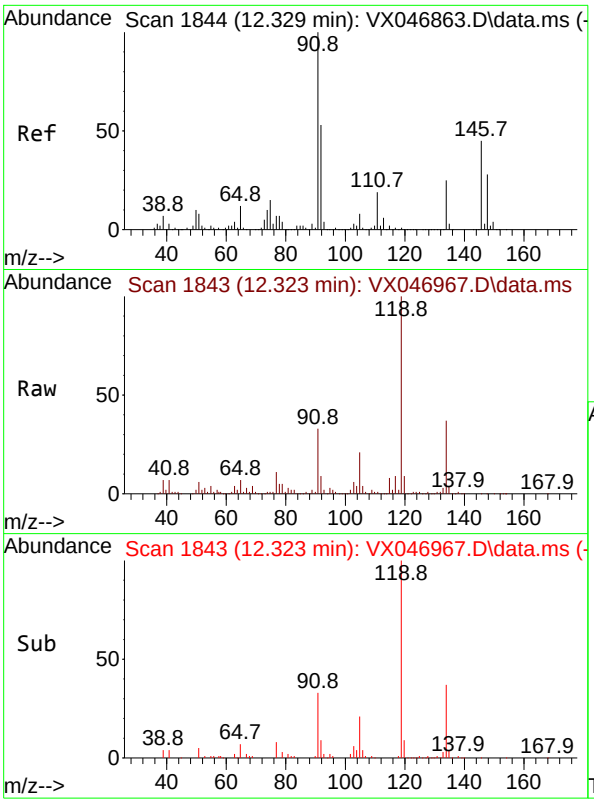


#86
p-Isopropyltoluene
Concen: 2.081 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:119 Resp: 30435

Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.0	39.0
91	26.4	12.0	36.1

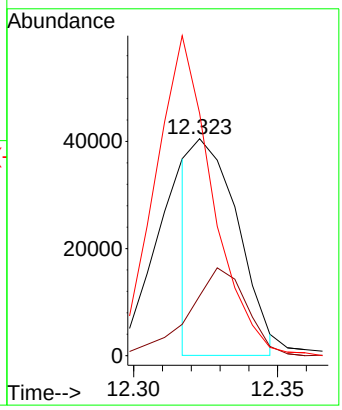




#89
n-Butylbenzene
Concen: 3.237 ug/l m
RT: 12.323 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 4448

Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.0	81.0
134	184.1	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
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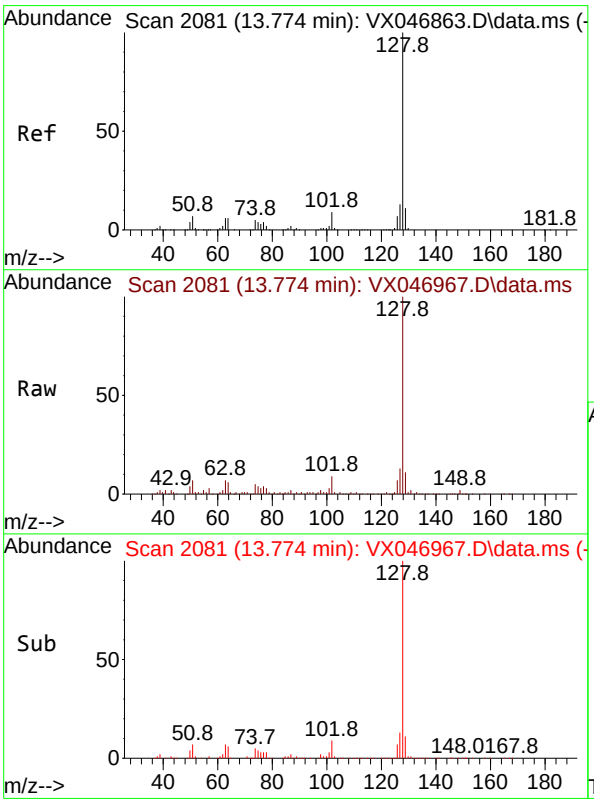
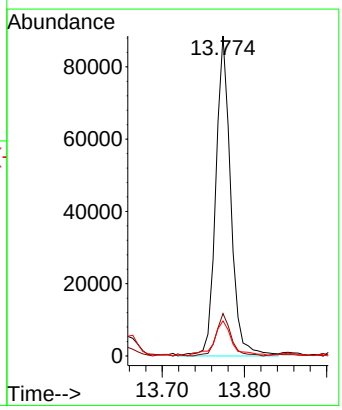
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#95
Naphthalene
Concen: 8.399 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:128 Resp: 112016

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	12.4	8.6	13.0



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Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Quant Time: Jul 09 02:35:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

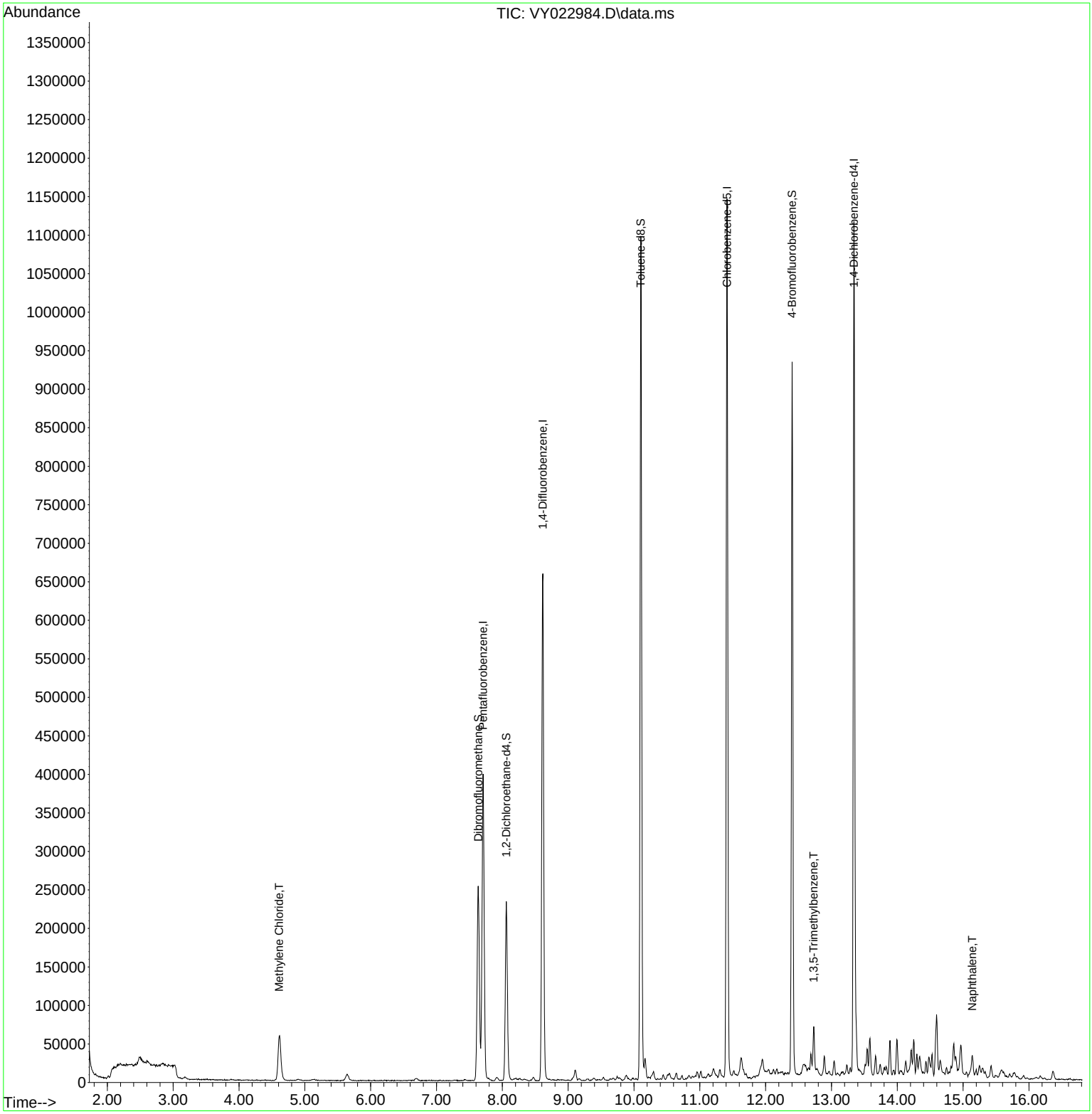
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	292899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	553522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	267602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	176246	53.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.820%			
35) Dibromofluoromethane	7.634	113	176908	52.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.100%			
50) Toluene-d8	10.103	98	685048	51.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.402	95	255010	59.386	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.780%			
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	43485	11.144	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.731	105	19925	1.247	ug/l	100
95) Naphthalene	15.139	128	20142	2.485	ug/l	96

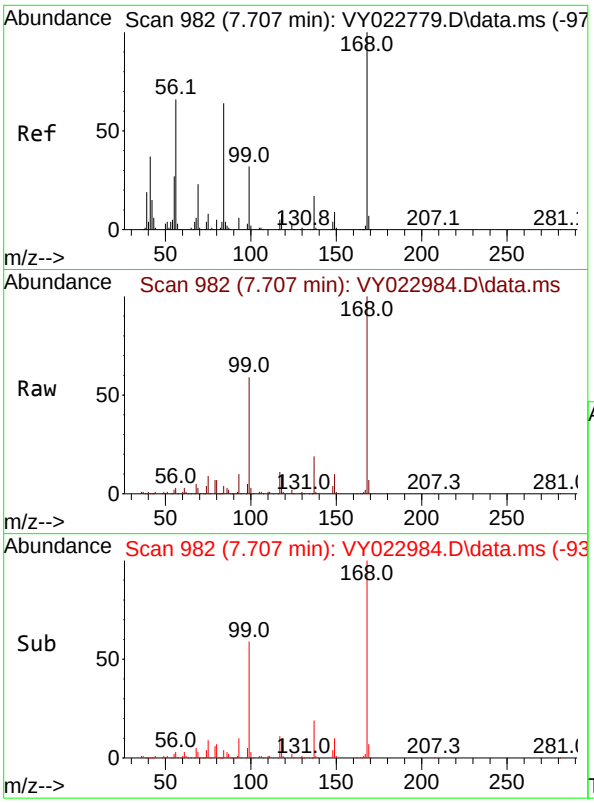
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Quant Time: Jul 09 02:35:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



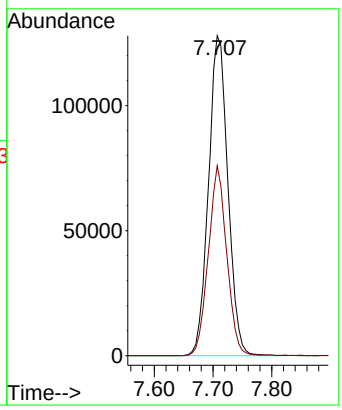


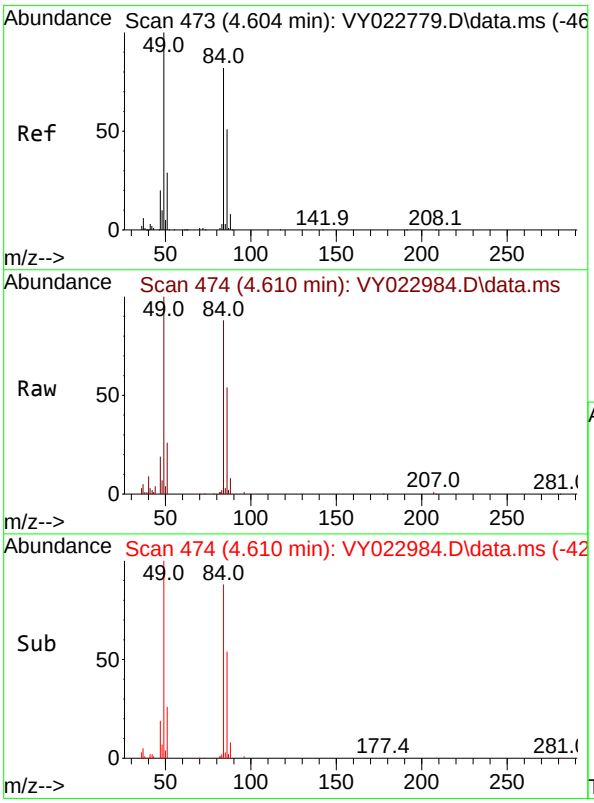
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion:168 Resp: 292899

Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5

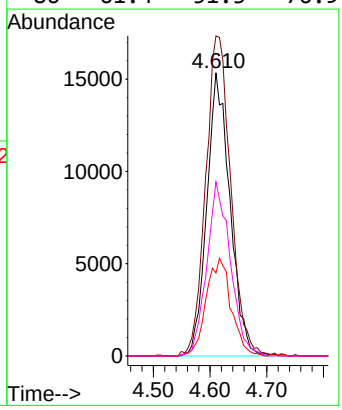


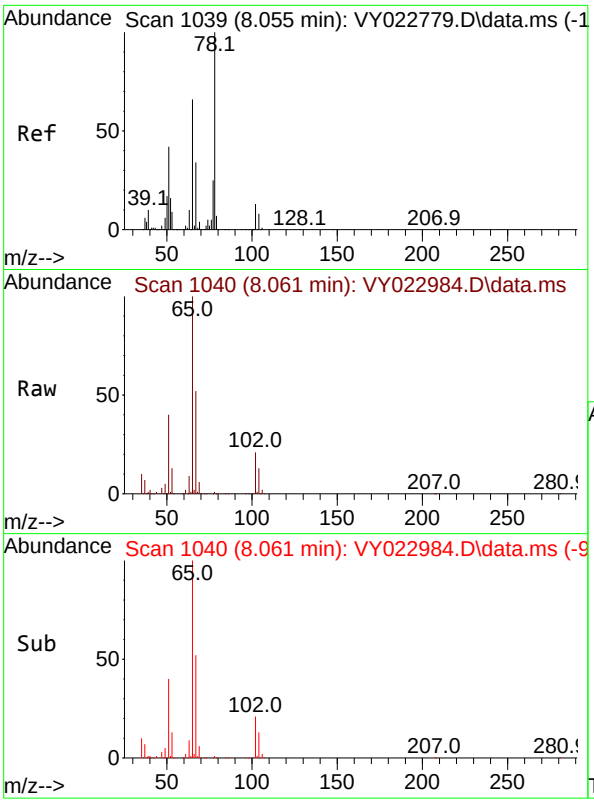


#20
Methylene Chloride
Concen: 11.144 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion: 84 Resp: 43485

Ion	Ratio	Lower	Upper
84	100		
49	113.0	101.9	152.9
51	29.3	29.8	44.8#
86	61.4	51.3	76.9



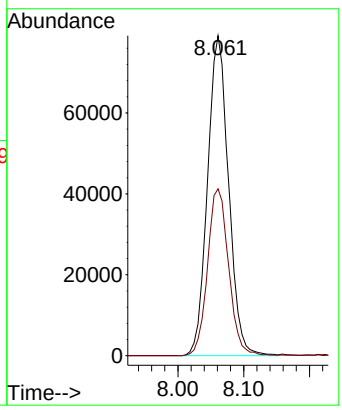


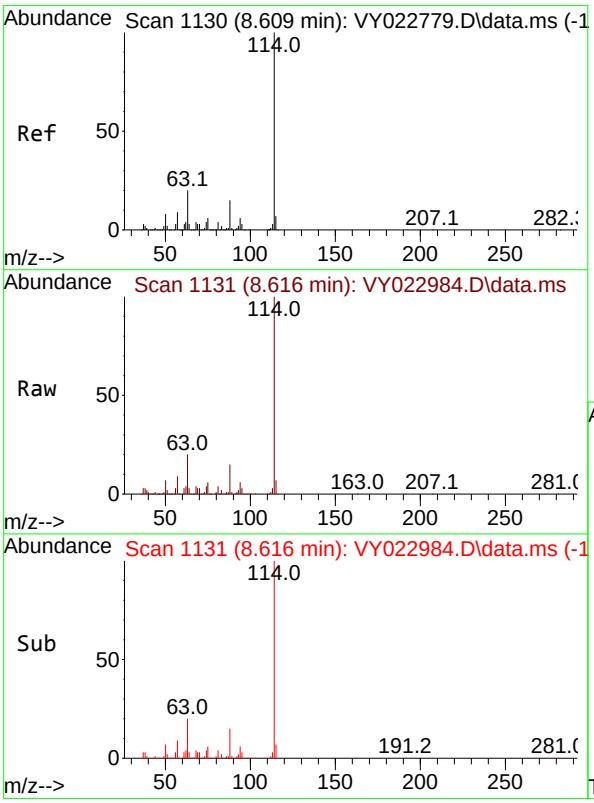
#33
1,2-Dichloroethane-d4
Concen: 53.914 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion: 65 Resp: 176246

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.4

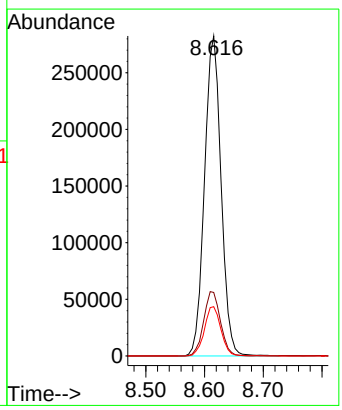


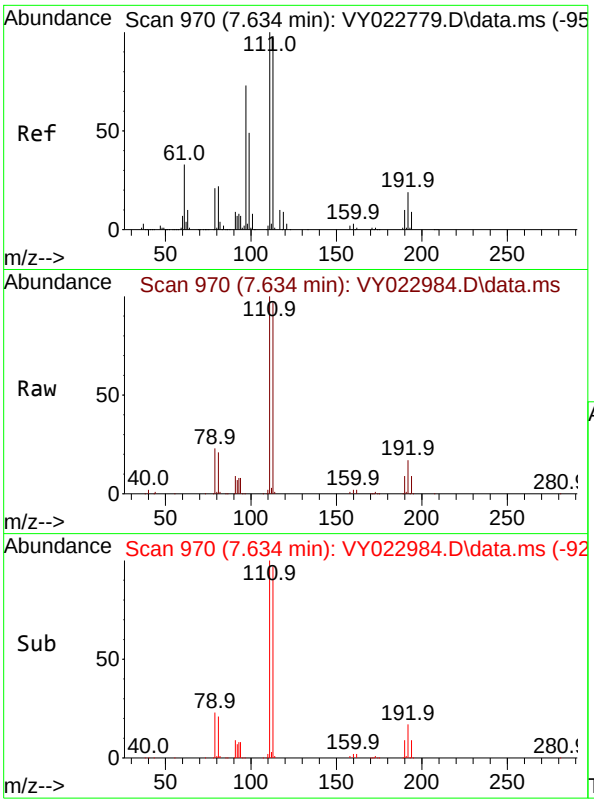


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion:114 Resp: 553522

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.4	0.0	27.8



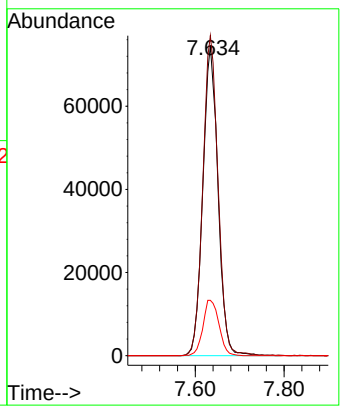


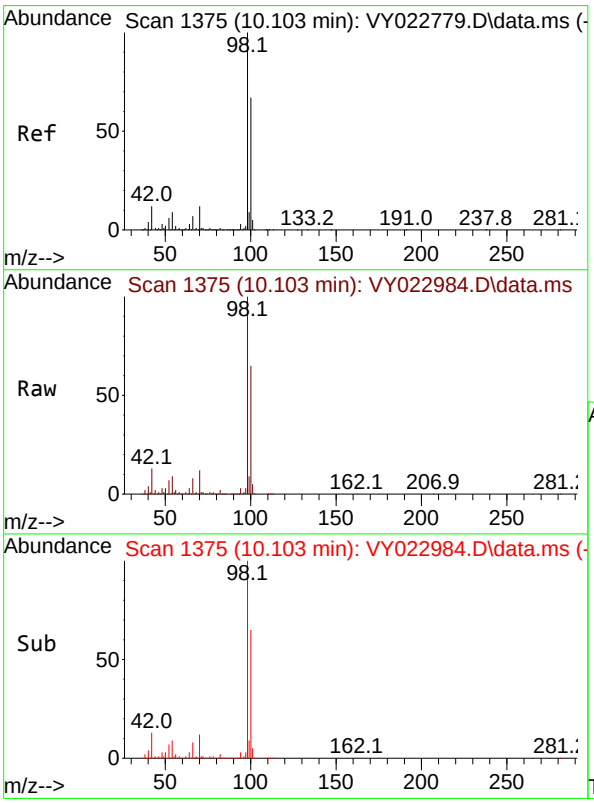
#35
Dibromofluoromethane
Concen: 52.553 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion:113 Resp: 176908

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	19.0	14.2	21.2

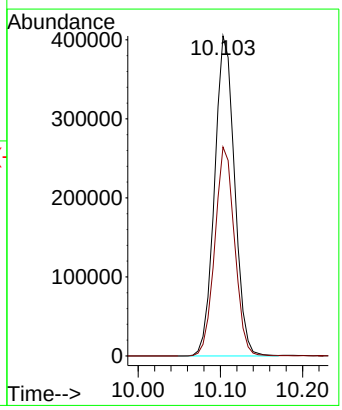


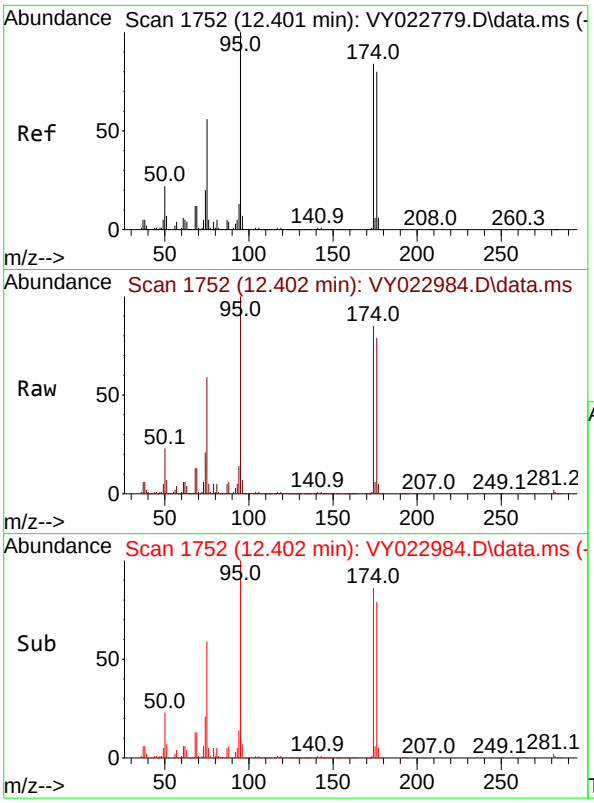


#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion: 98 Resp: 685048

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



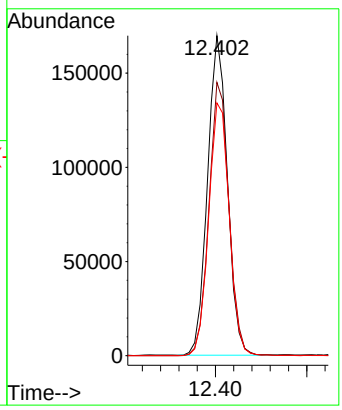


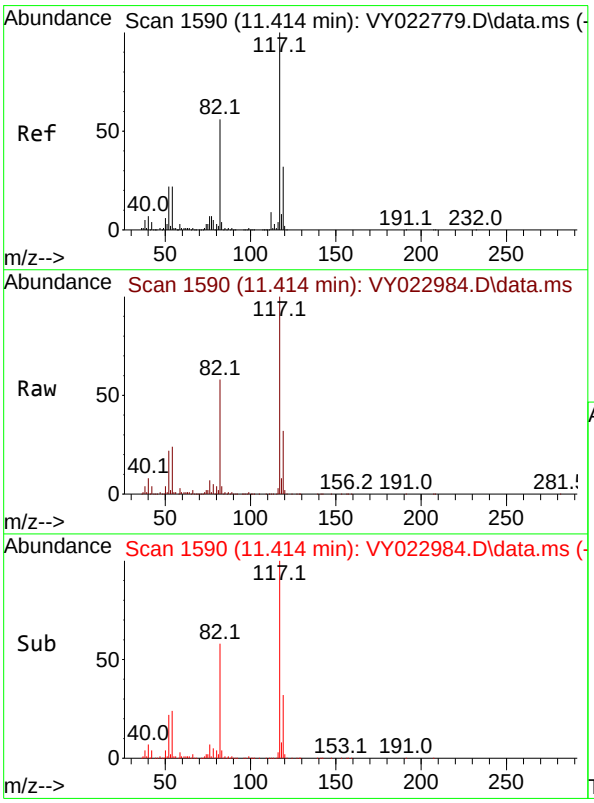
#62
4-Bromofluorobenzene
Concen: 59.386 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion: 95 Resp: 255010

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	170.0
176	82.1	0.0	166.2

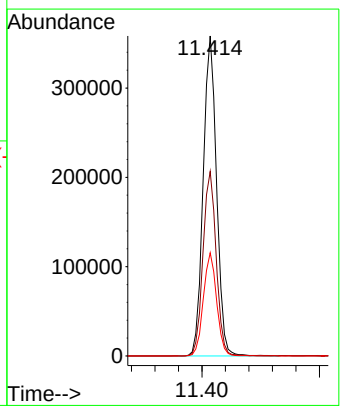


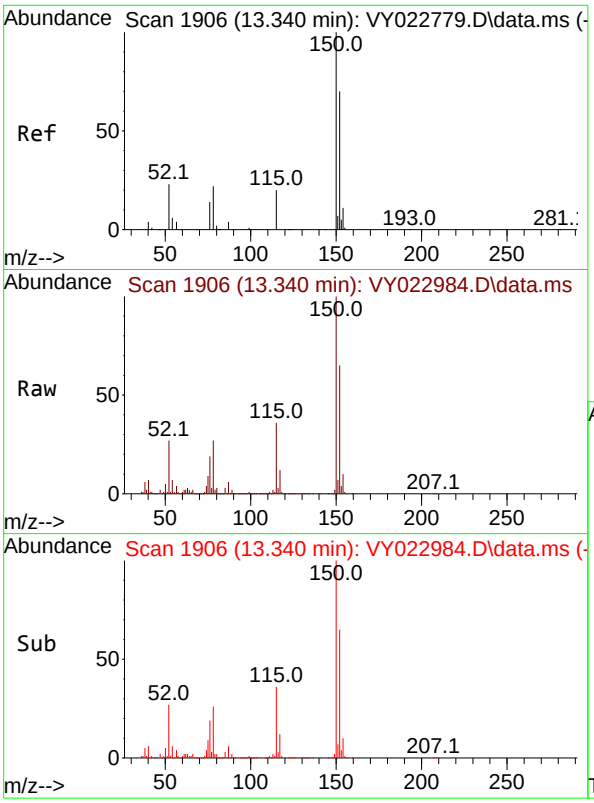


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion:117 Resp: 566452

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.6	66.8
119	32.3	25.4	38.0



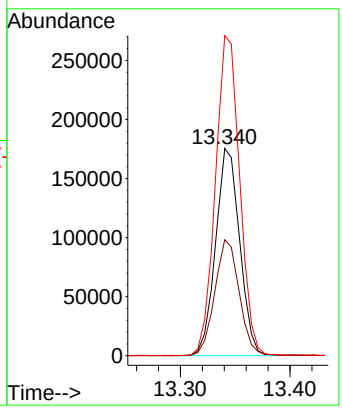


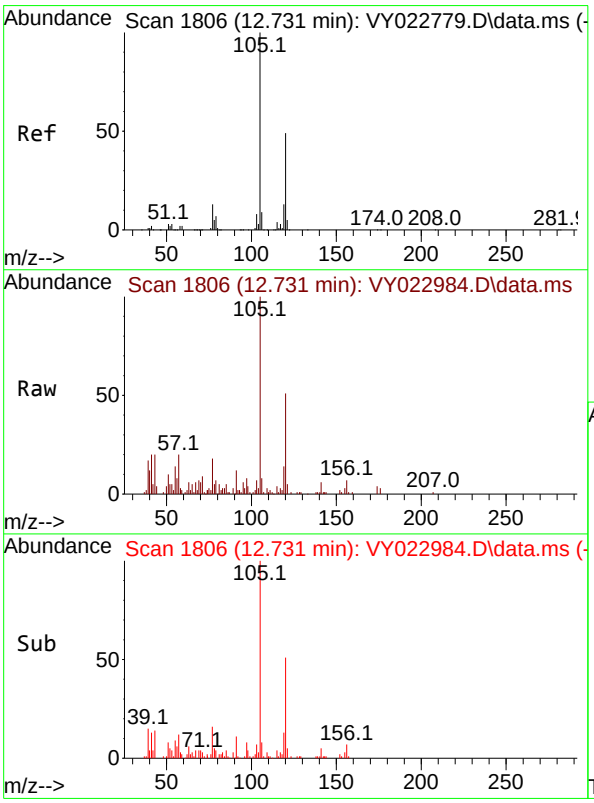
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion:152 Resp: 267602

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.9	86.7
150	155.8	0.0	349.6

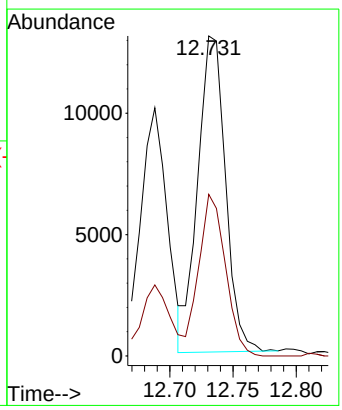


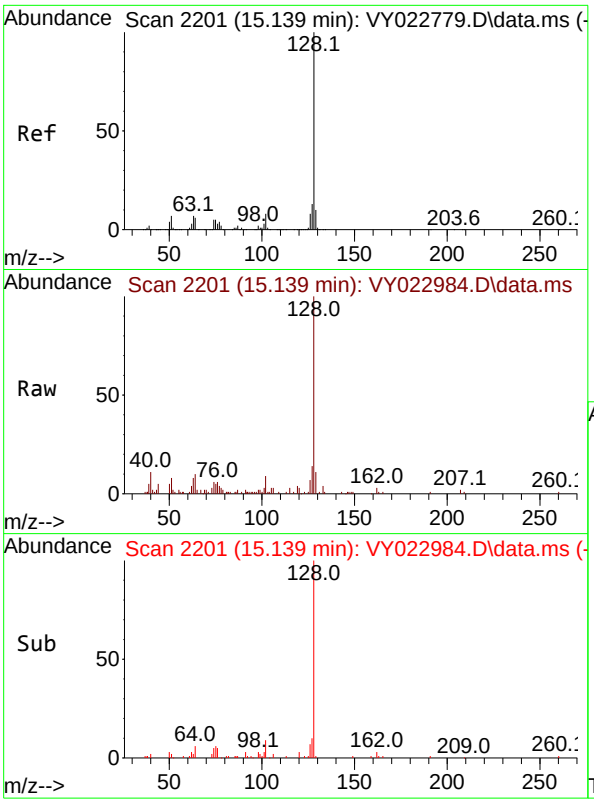


#80
1,3,5-Trimethylbenzene
Concen: 1.247 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion:105 Resp: 19925

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.4



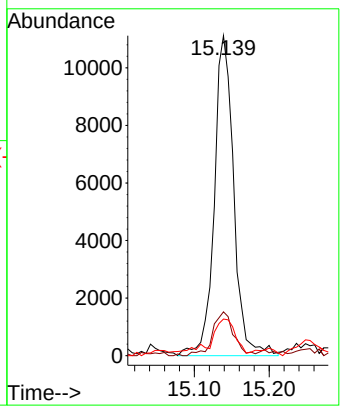


#95
Naphthalene
Concen: 2.485 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion:128 Resp: 20142

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	12.7	8.9	13.3



Sample Results: **VY022984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	51	58	59	rBV5	11305	19912	1.07%	0.165%
2	4.616	465	475	495	rVB2	58377	183862	9.87%	1.522%
3	5.641	635	643	651	rBV5	7804	21974	1.18%	0.182%
4	7.634	959	970	976	rBV	252779	607035	32.57%	5.023%
5	7.707	976	982	995	rVB	396120	884827	47.48%	7.322%
6	8.061	1031	1040	1053	rBV2	232161	510513	27.39%	4.225%
7	8.616	1121	1131	1145	rBV	658363	1320728	70.87%	10.929%
8	9.109	1201	1212	1217	rBV3	13724	35049	1.88%	0.290%
9	10.103	1367	1375	1383	rBV	1095547	1863656	100.00%	15.422%
10	10.170	1383	1386	1392	rVB	25709	43536	2.34%	0.360%
11	10.298	1399	1407	1413	rVB7	10544	26106	1.40%	0.216%
12	11.207	1551	1556	1567	rVB9	11392	31239	1.68%	0.259%
13	11.304	1567	1572	1577	rBV4	10238	18996	1.02%	0.157%
14	11.414	1582	1590	1602	rBV	1140324	1815373	97.41%	15.023%
15	11.627	1616	1625	1634	rBV6	23072	65644	3.52%	0.543%
16	11.950	1667	1678	1685	rBV3	21899	71706	3.85%	0.593%
17	12.402	1746	1752	1763	rVB	924713	1424346	76.43%	11.787%
18	12.578	1772	1781	1782	rBV9	12633	25654	1.38%	0.212%
19	12.688	1796	1799	1802	rBV	20324	26710	1.43%	0.221%
20	12.731	1802	1806	1813	rVB2	55984	83522	4.48%	0.691%
21	12.889	1825	1832	1837	rBV	24697	41506	2.23%	0.343%
22	13.042	1852	1857	1861	rBV2	18379	28956	1.55%	0.240%
23	13.340	1900	1906	1917	rBV	1102940	1757894	94.33%	14.547%
24	13.542	1935	1939	1942	rVV2	32633	53189	2.85%	0.440%
25	13.584	1942	1946	1954	rVB3	47611	81905	4.39%	0.678%
26	13.670	1954	1960	1964	rBV5	24788	38752	2.08%	0.321%
27	13.743	1966	1972	1977	rVV2	13530	23996	1.29%	0.199%
28	13.889	1991	1996	2001	rVB3	45122	68203	3.66%	0.564%
29	13.993	2008	2013	2019	rBV	45252	72952	3.91%	0.604%
30	14.127	2030	2035	2040	rBV2	17199	29745	1.60%	0.246%
31	14.212	2040	2049	2052	rVV2	30742	60505	3.25%	0.501%
32	14.249	2052	2055	2059	rVV	44407	60295	3.24%	0.499%
33	14.298	2059	2063	2066	rVV2	25229	34473	1.85%	0.285%
34	14.340	2066	2070	2077	rVB4	21823	44420	2.38%	0.368%
35	14.432	2082	2085	2089	rVV	16503	22324	1.20%	0.185%
36	14.480	2089	2093	2098	rVV3	21783	45108	2.42%	0.373%

Sample Results: **VY022984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

37	14.529	2098	2101	2105	rVB	27669	36362	1.95%	0.301%
38	14.596	2105	2112	2118	rBV3	79055	163211	8.76%	1.351%
39	14.651	2118	2121	2129	rVV4	17591	33796	1.81%	0.280%
40	14.858	2149	2155	2158	rBV3	31553	52603	2.82%	0.435%
41	14.962	2166	2172	2183	rVB3	38104	83814	4.50%	0.694%
42	15.139	2190	2201	2206	rBV	27963	66346	3.56%	0.549%
43	15.249	2214	2219	2223	rBV7	12178	22442	1.20%	0.186%
44	15.425	2240	2248	2256	rBV2	15403	28764	1.54%	0.238%
45	15.584	2265	2274	2278	rBV8	9836	28640	1.54%	0.237%
46	16.364	2396	2402	2409	rBV5	10769	23502	1.26%	0.194%

Sum of corrected areas: 12084091

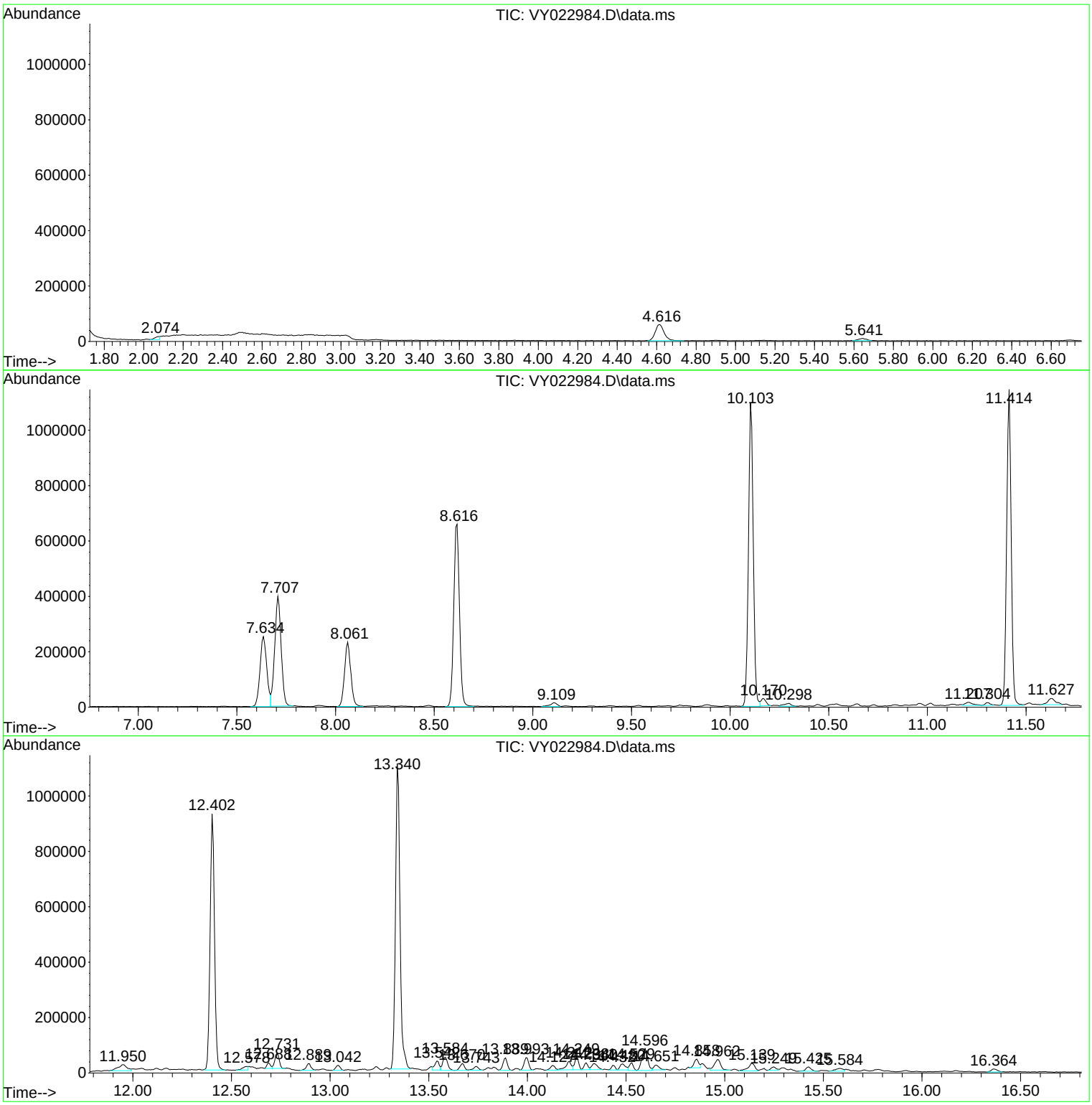
Sample Results: **VY022984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY022984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022984.D
Acq On : 08 Jul 2025 18:34
Operator : SY/MD
Sample : Q2480-03
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031795.D
Acq On : 10 Jul 2025 12:19
Operator : SY/MD
Sample : Q2480-03RE
Misc : 6.78g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Quant Time: Jul 11 02:18:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	62804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	119782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	95395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	38547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	35039	38.876	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 77.760%			
35) Dibromofluoromethane	7.898	113	29482	37.719	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 75.440%			
50) Toluene-d8	10.325	98	104494	35.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 71.840%#			
62) 4-Bromofluorobenzene	12.617	95	34441	32.175	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 64.360%			

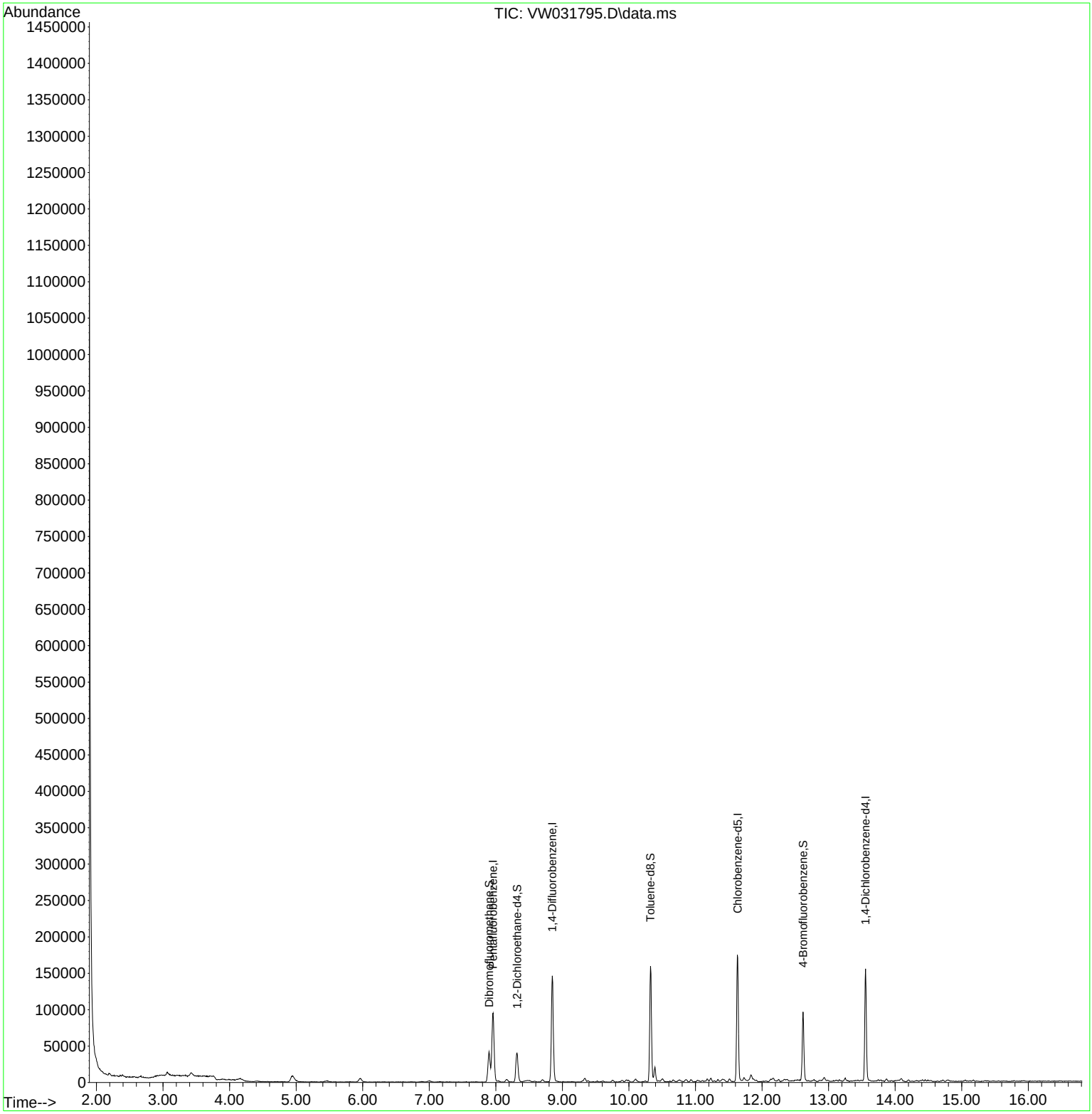
Target Compounds Qvalue

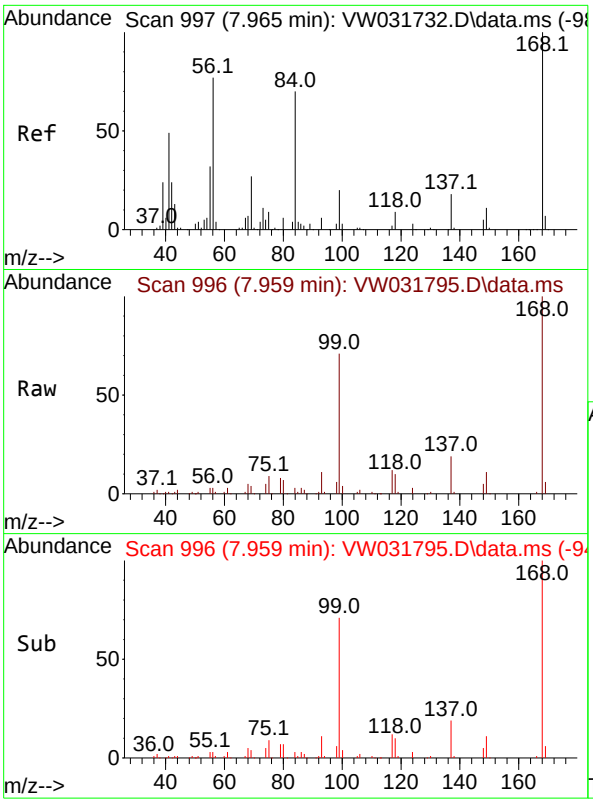
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031795.D
Acq On : 10 Jul 2025 12:19
Operator : SY/MD
Sample : Q2480-03RE
Misc : 6.78g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Quant Time: Jul 11 02:18:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



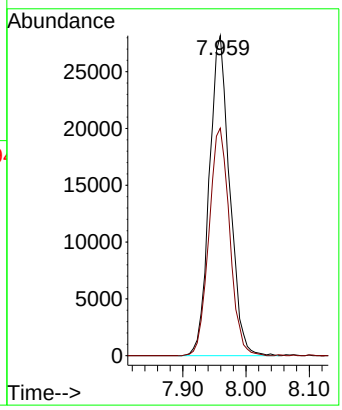


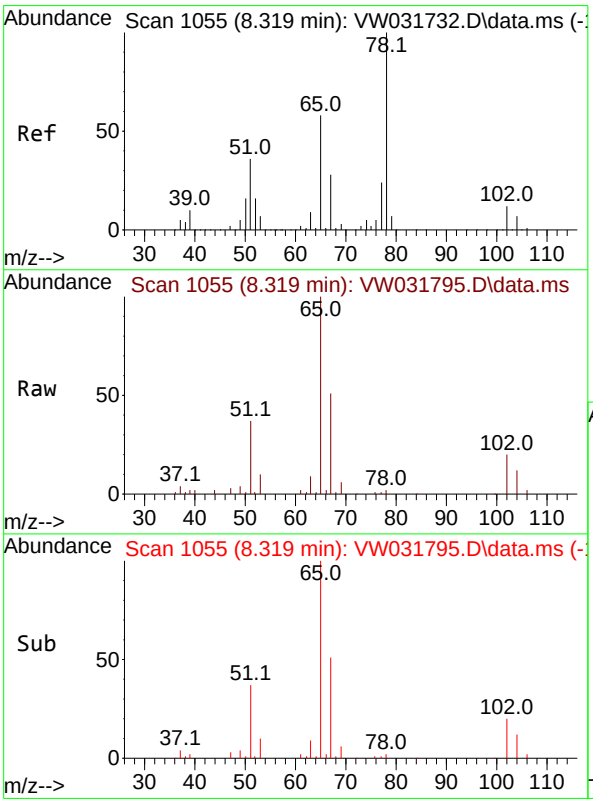
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion:168 Resp: 62804

Ion	Ratio	Lower	Upper
168	100		
99	71.1	49.4	74.2

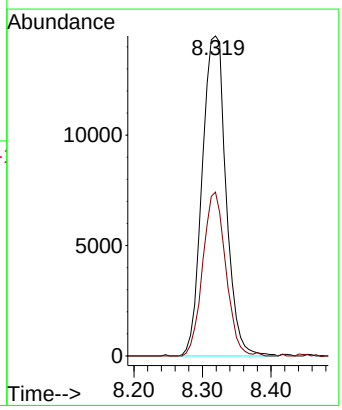


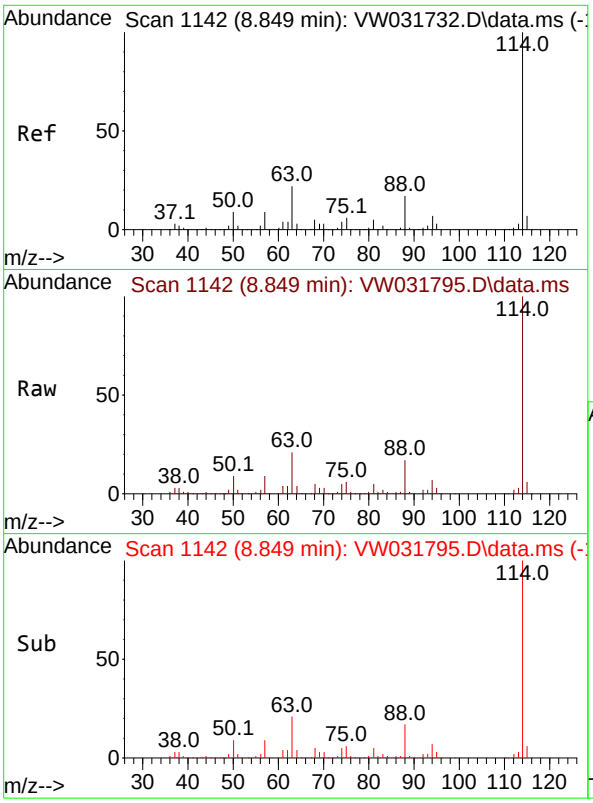


#33
1,2-Dichloroethane-d4
Concen: 38.876 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Tgt Ion: 65 Resp: 35039

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.4



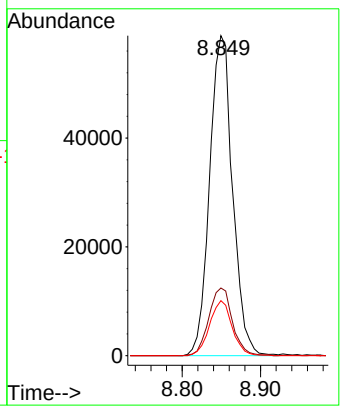


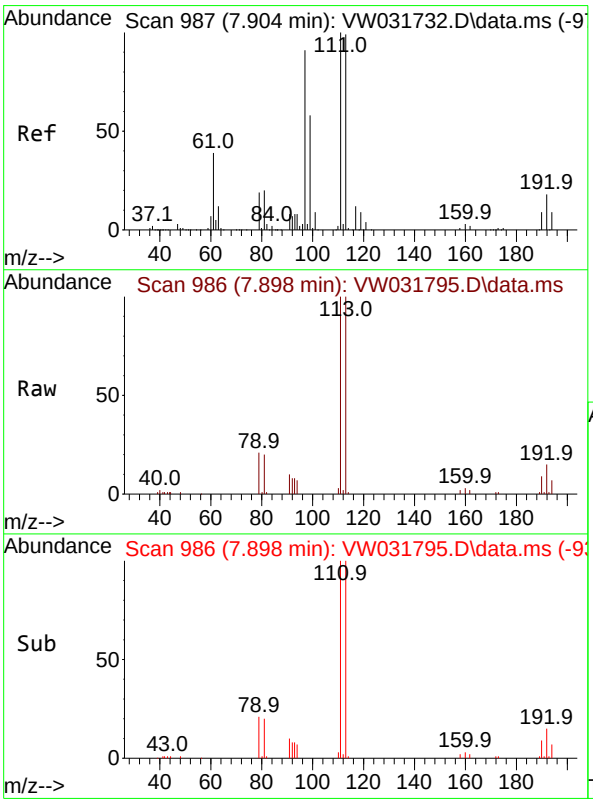
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion:114 Resp: 119782

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.6
88	17.2	0.0	34.2

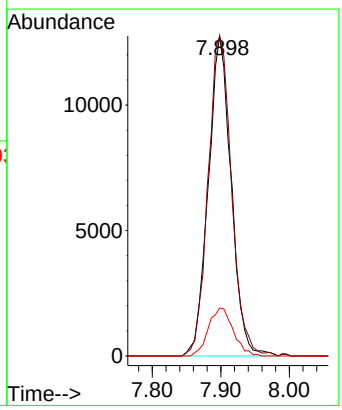


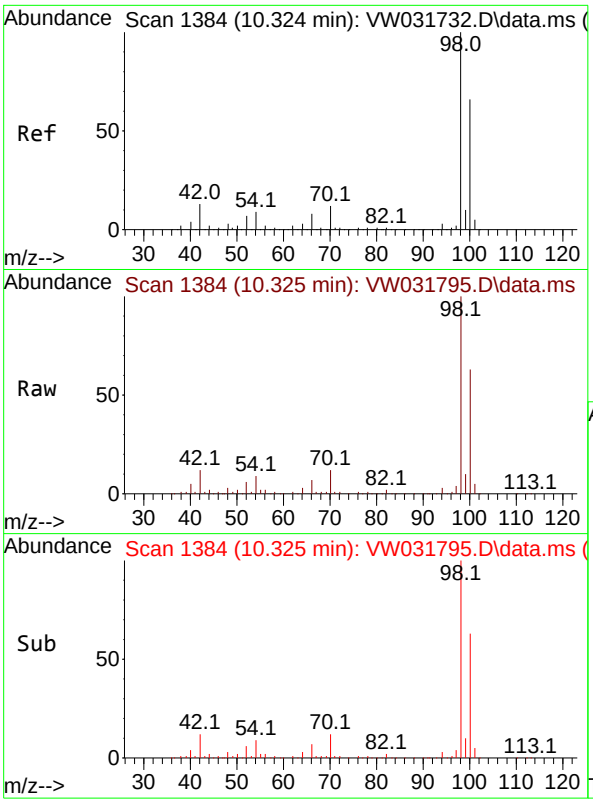


#35
Dibromofluoromethane
Concen: 37.719 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Tgt Ion:113 Resp: 29482

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	16.2	13.8	20.6



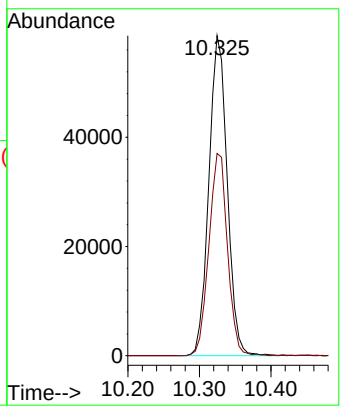


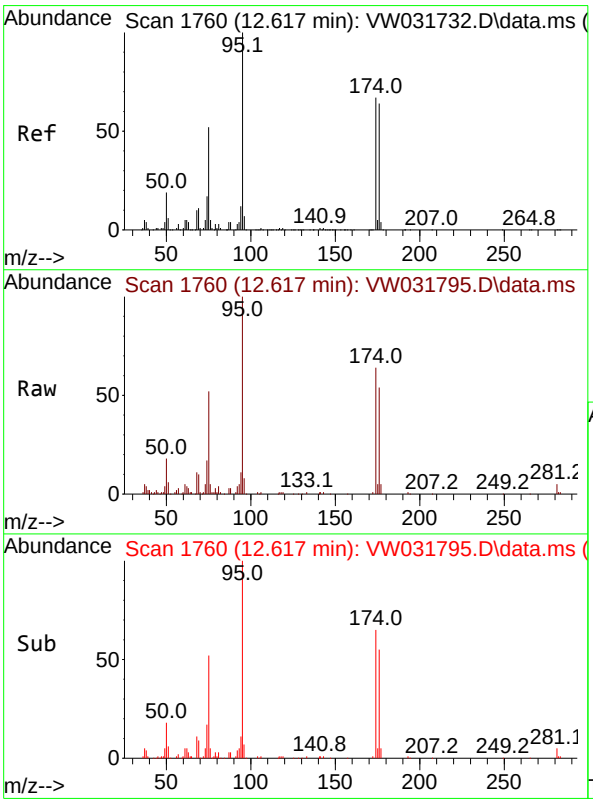
#50
Toluene-d8
Concen: 35.924 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion: 98 Resp: 104494

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.0	79.4

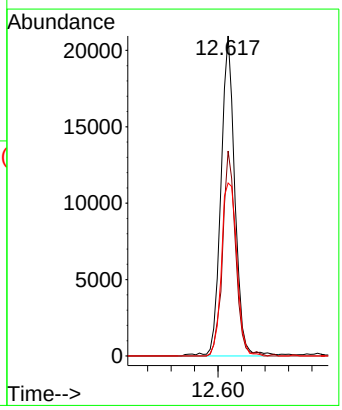


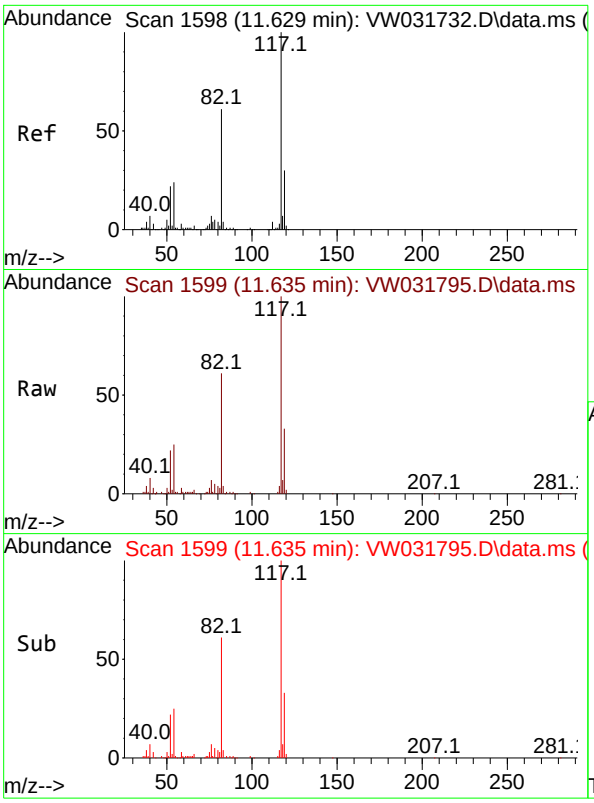


#62
4-Bromofluorobenzene
Concen: 32.175 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Tgt Ion: 95 Resp: 34441

Ion	Ratio	Lower	Upper
95	100		
174	59.7	0.0	133.8
176	59.9	0.0	126.0



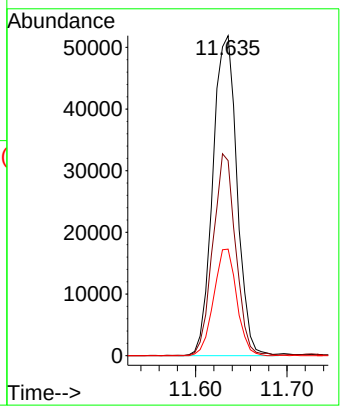


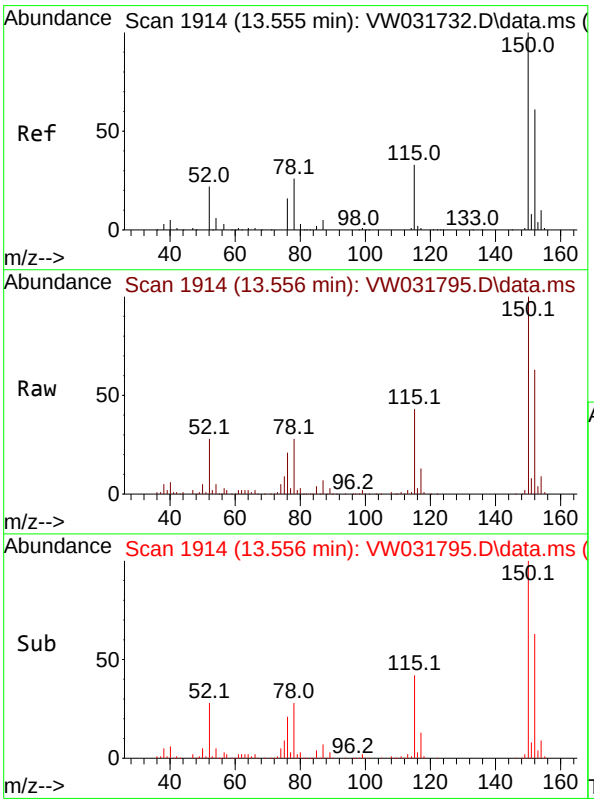
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion:117 Resp: 95395

Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.6	72.8
119	33.3	23.9	35.9

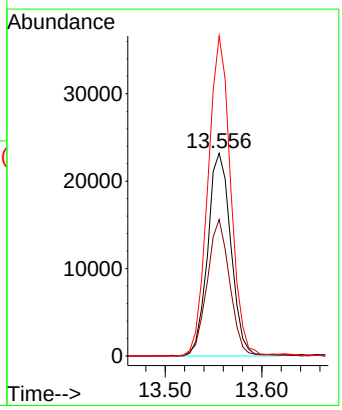




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Tgt Ion:152 Resp: 38547

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.9	95.7
150	154.4	0.0	356.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Time: Jul 11 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

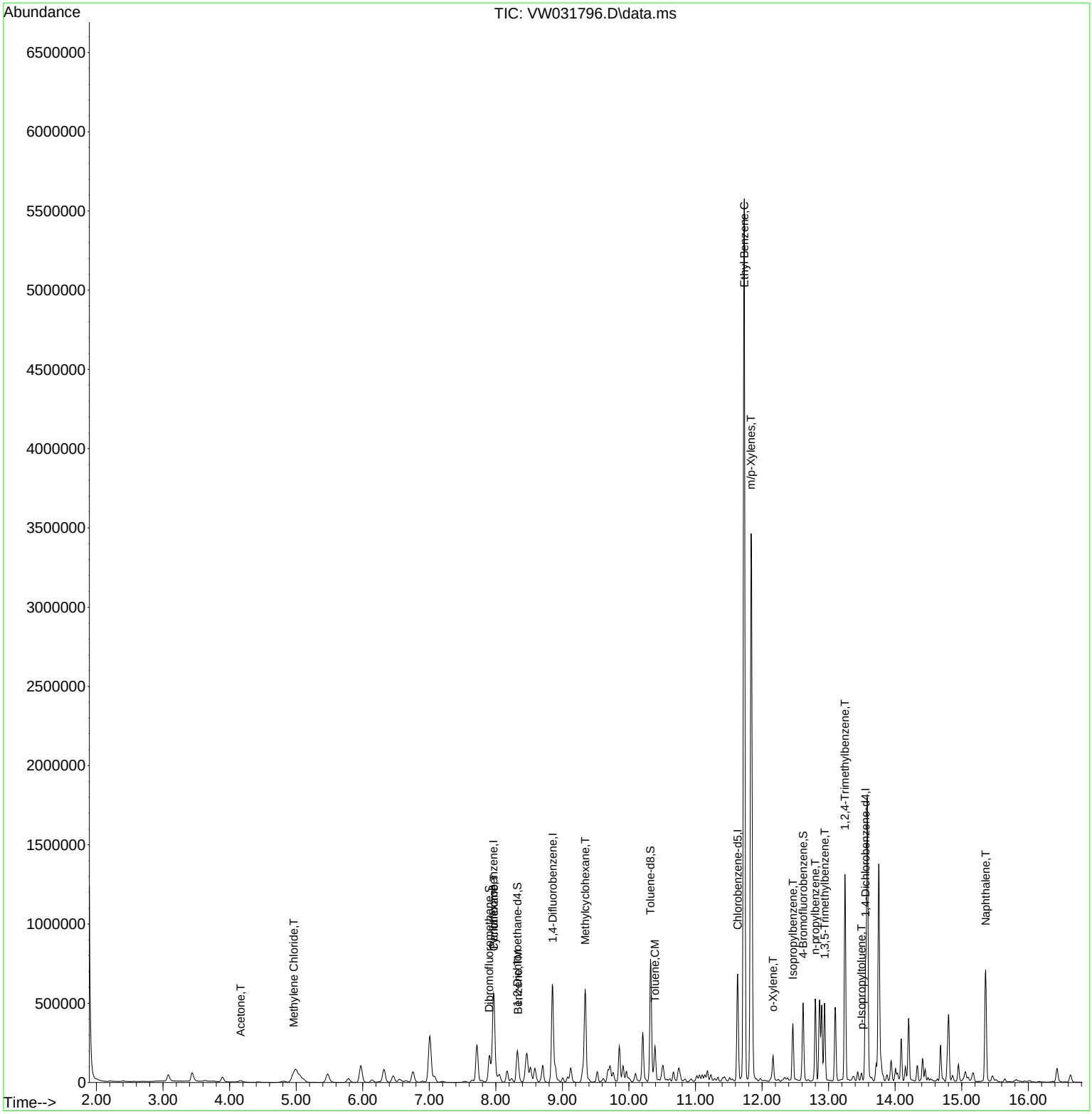
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	183364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	381218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	138917	52.790	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.580%			
35) Dibromofluoromethane	7.898	113	121682	48.915	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.840%			
50) Toluene-d8	10.325	98	463861	50.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.617	95	163688	48.048	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 96.100%			
Target Compounds						Qvalue
16) Acetone	4.167	43	13972	21.481	ug/l	91
20) Methylene Chloride	4.966	84	35164	9.852	ug/l	95
31) Cyclohexane	7.971	56	198958	53.100	ug/l	96
39) Methylcyclohexane	9.343	83	248759	55.544	ug/l	98
40) Benzene	8.337	78	57545	5.403	ug/l	100
52) Toluene	10.392	92	93886	13.769	ug/l	97
67) Ethyl Benzene	11.733	91	4021800	295.667	ug/l	98
68) m/p-Xylenes	11.837	106	1098568	210.091	ug/l	98
69) o-Xylene	12.166	106	41611	8.595	ug/l	95
73) Isopropylbenzene	12.464	105	228390	18.494	ug/l	100
78) n-propylbenzene	12.800	91	398920	26.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	251549	24.608	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	701299	67.710	ug/l	100
86) p-Isopropyltoluene	13.495	119	18858	1.741	ug/l	97
95) Naphthalene	15.360	128	600830	78.710	ug/l	100

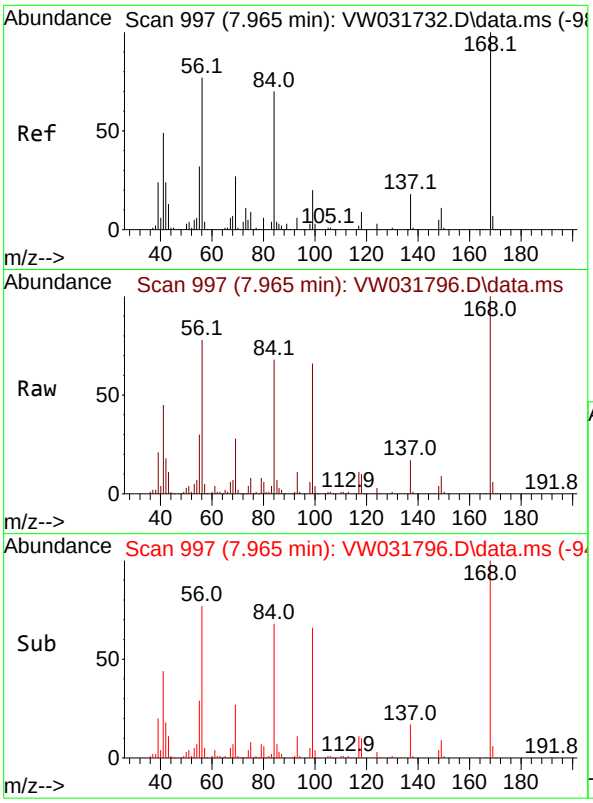
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Time: Jul 11 02:18:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



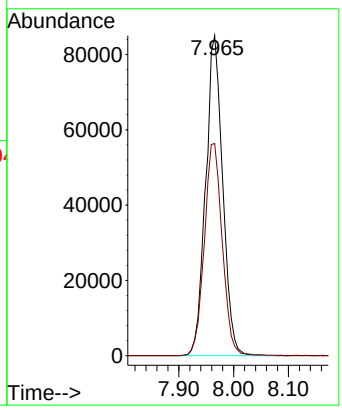


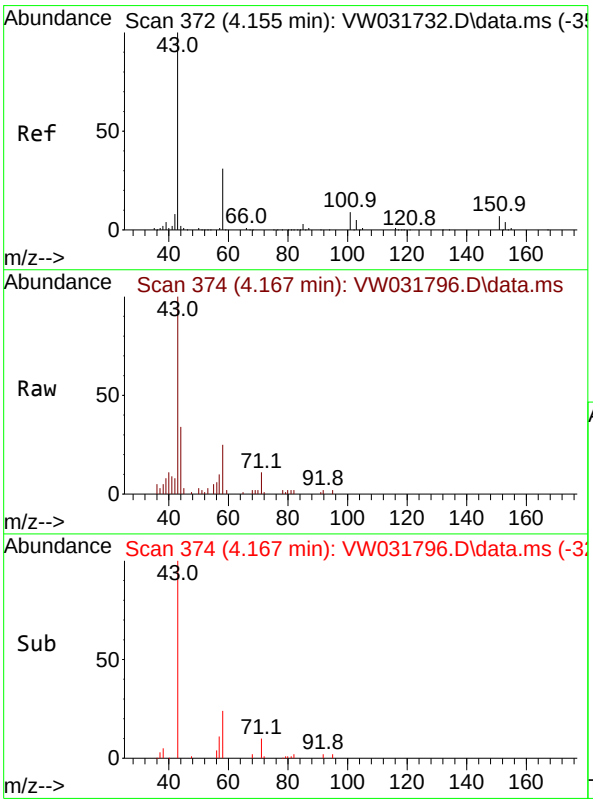
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:168 Resp: 183364

Ion	Ratio	Lower	Upper
168	100		
99	66.3	49.4	74.2

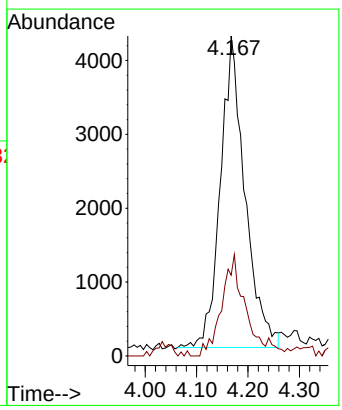


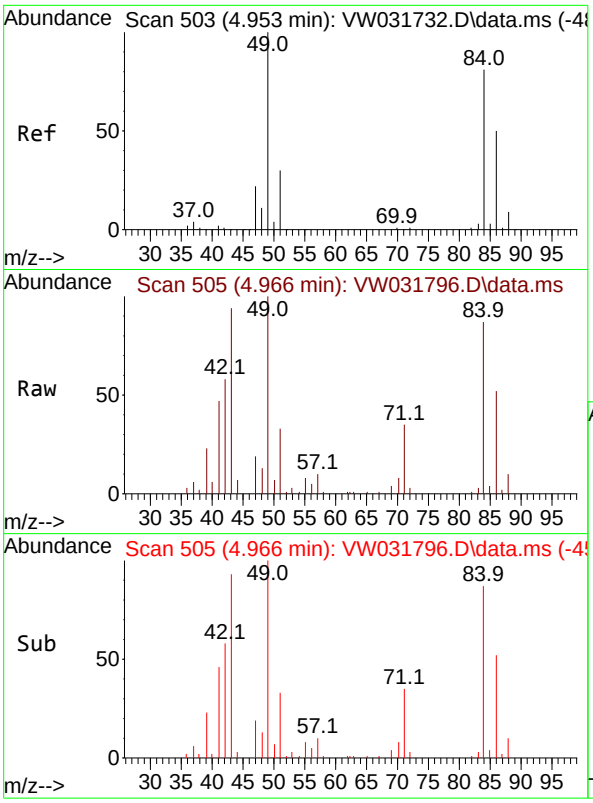


#16
Acetone
Concen: 21.481 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 43 Resp: 13972

Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.8	37.2



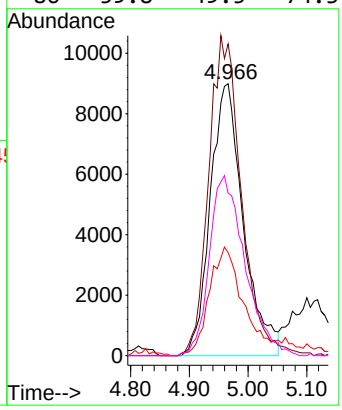


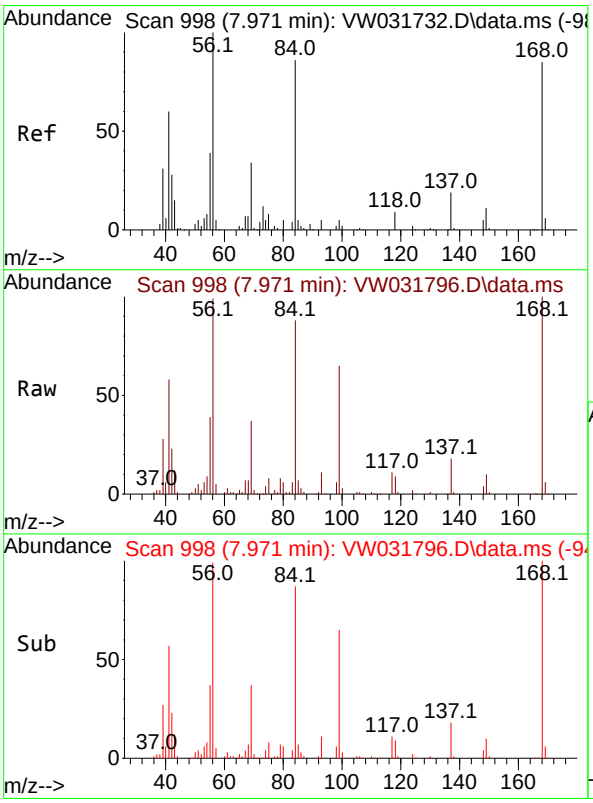
#20
Methylene Chloride
Concen: 9.852 ug/l
RT: 4.966 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 84 Resp: 35164

Ion	Ratio	Lower	Upper
84	100		
49	114.7	98.2	147.4
51	38.0	29.8	44.8
86	59.8	49.5	74.3

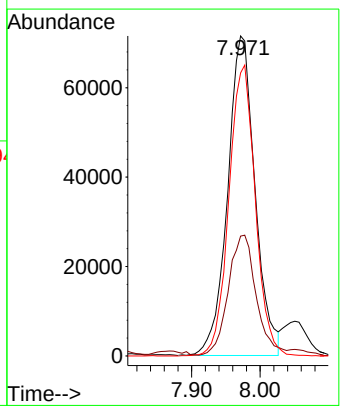


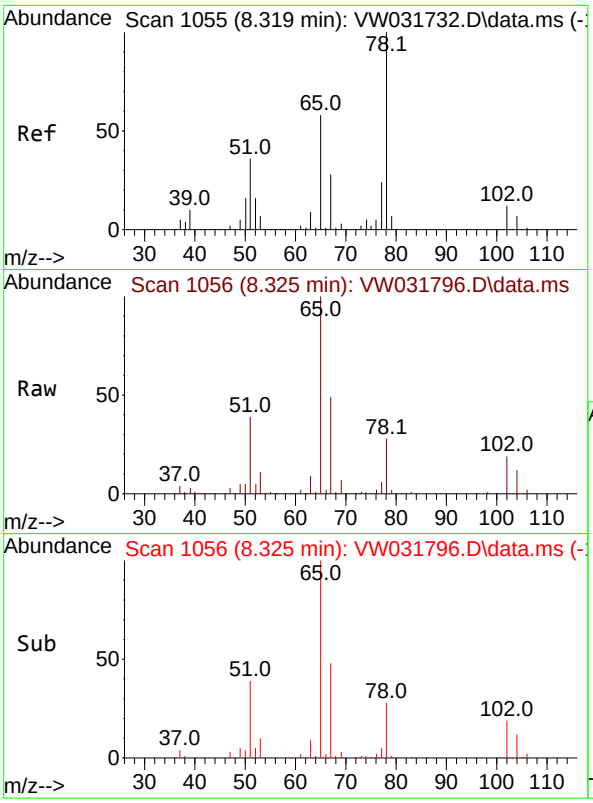


#31
Cyclohexane
Concen: 53.100 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 56 Resp: 198958

Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.2	40.8
84	88.6	68.5	102.7



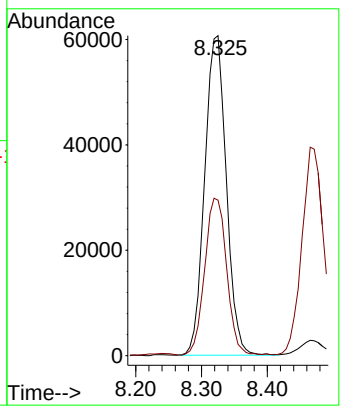


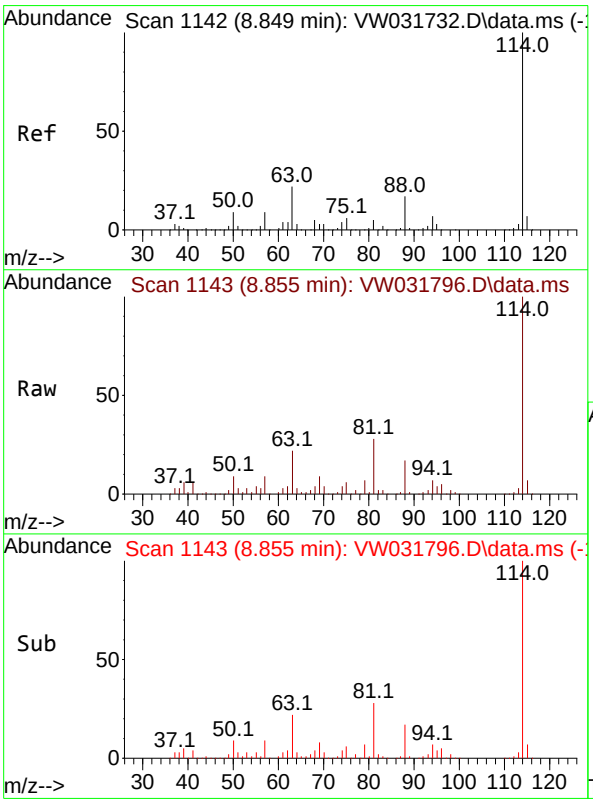
#33
1,2-Dichloroethane-d4
Concen: 52.790 ug/l
RT: 8.325 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 65 Resp: 138917

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.4

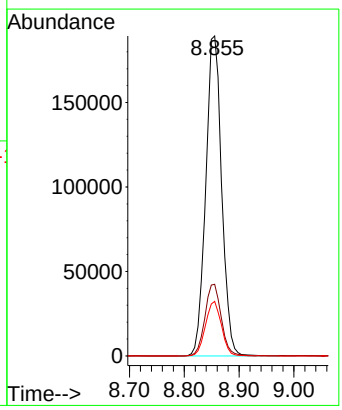


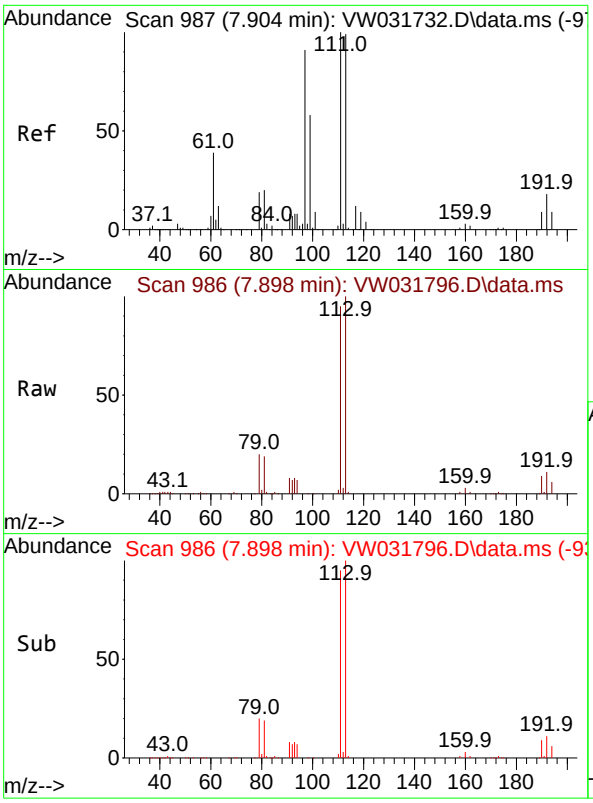


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:114 Resp: 381218

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.6
88	17.1	0.0	34.2



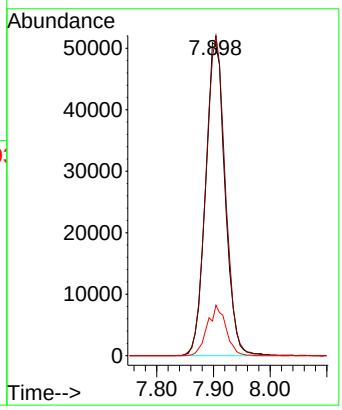


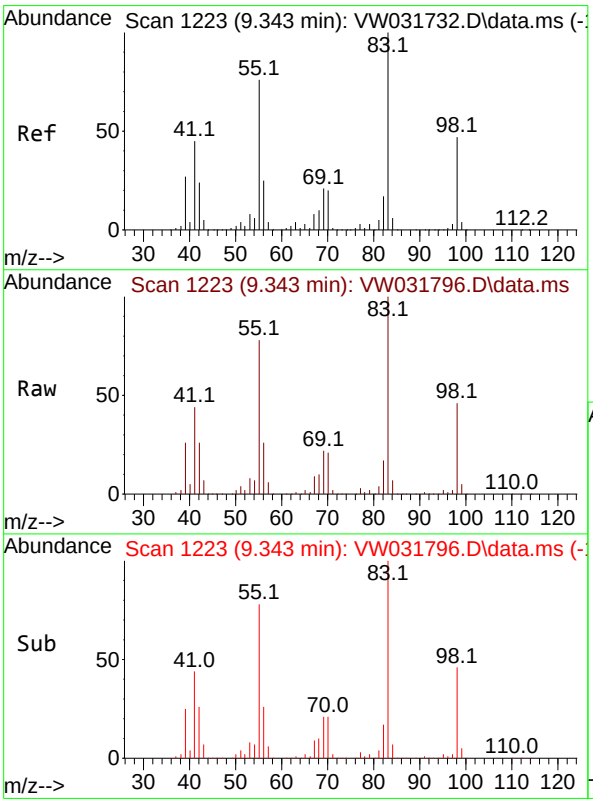
#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:113 Resp: 121682

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	15.4	13.8	20.6

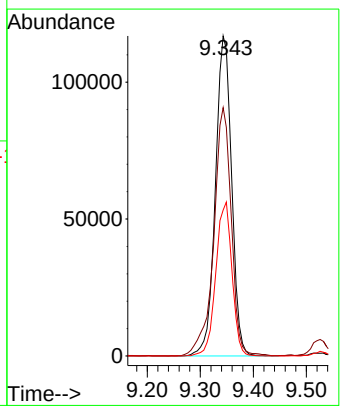


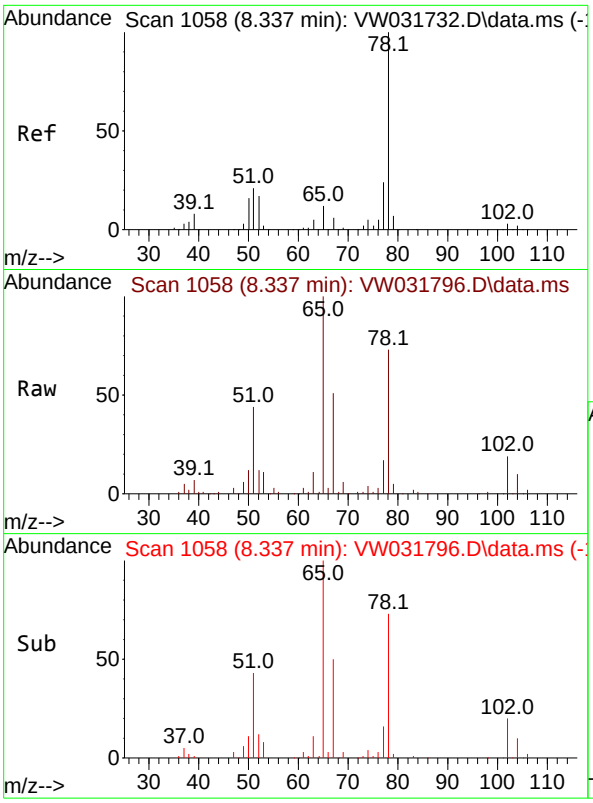


#39
Methylcyclohexane
Concen: 55.544 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 83 Resp: 248759

Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.0	91.4
98	45.6	37.9	56.9



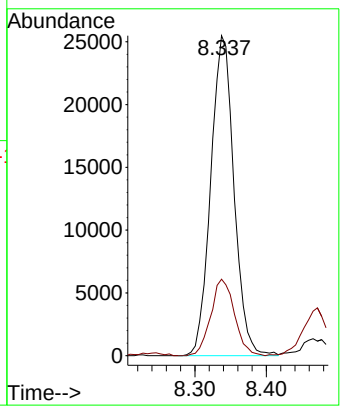


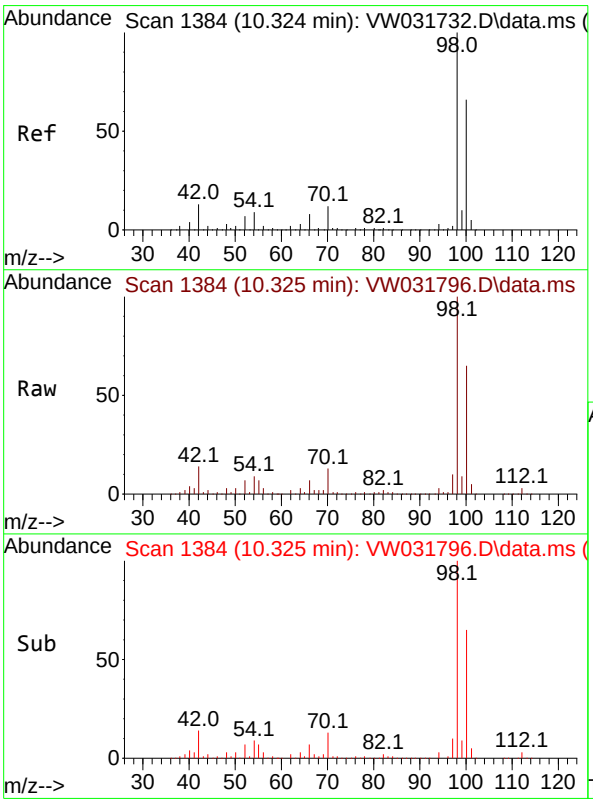
#40
Benzene
Concen: 5.403 ug/l
RT: 8.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 78 Resp: 57545

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8

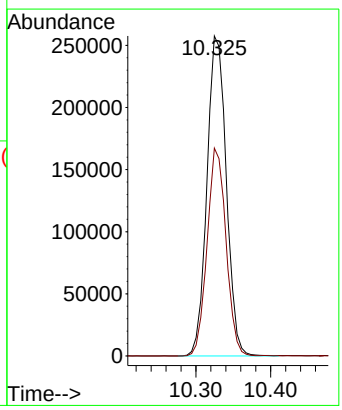


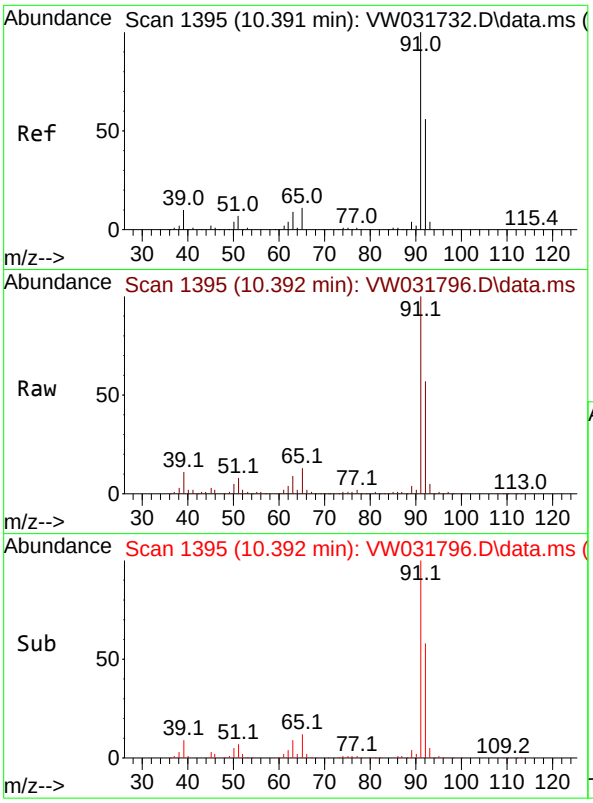


#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 98 Resp: 463861

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.0	79.4



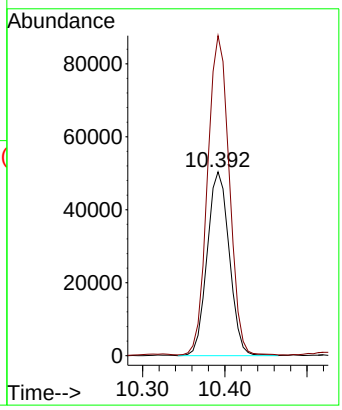


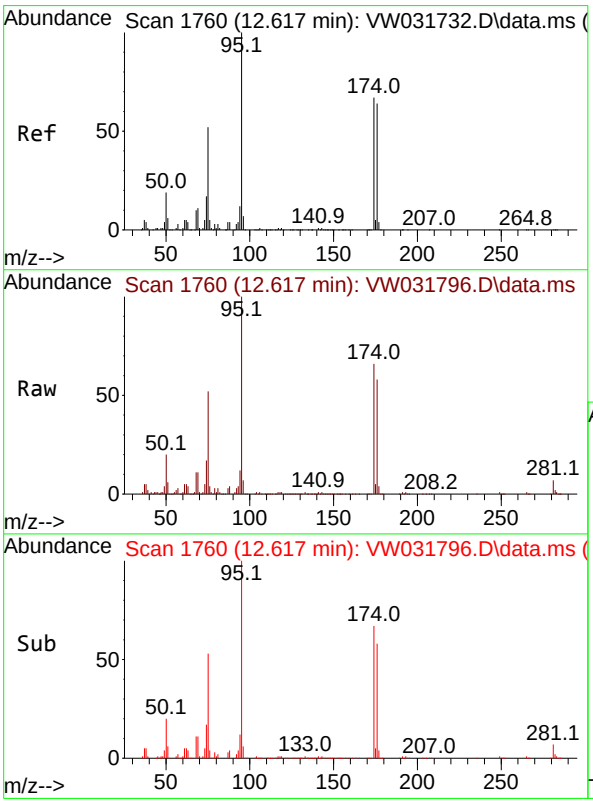
#52
Toluene
Concen: 13.769 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 92 Resp: 93886

Ion	Ratio	Lower	Upper
92	100		
91	170.6	139.5	209.3

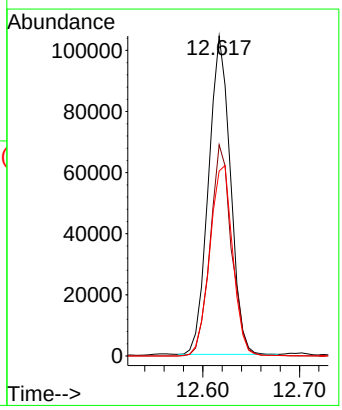


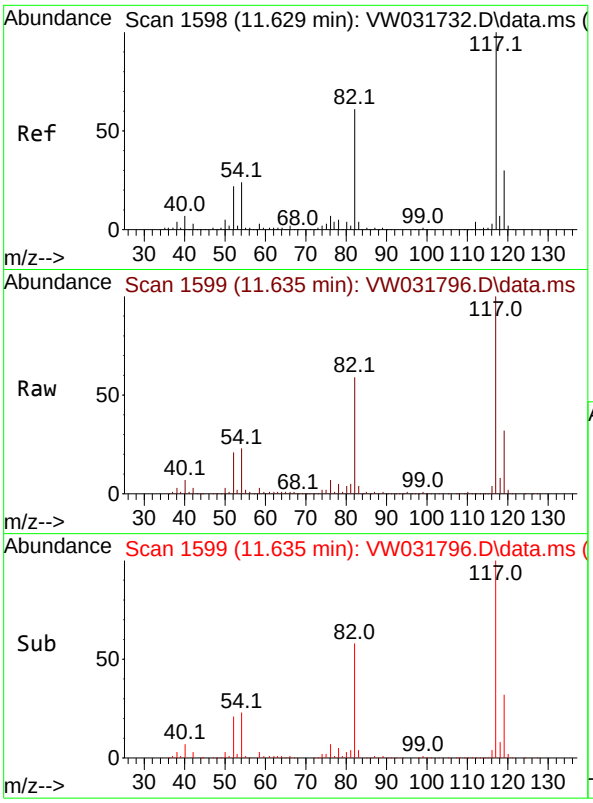


#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 95 Resp: 163688

Ion	Ratio	Lower	Upper
95	100		
174	65.2	0.0	133.8
176	62.9	0.0	126.0



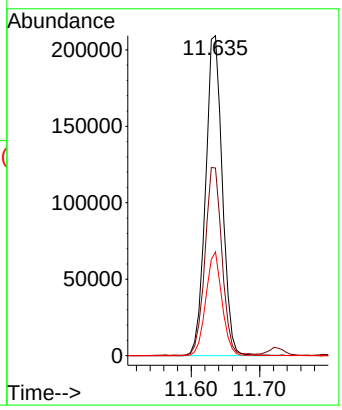


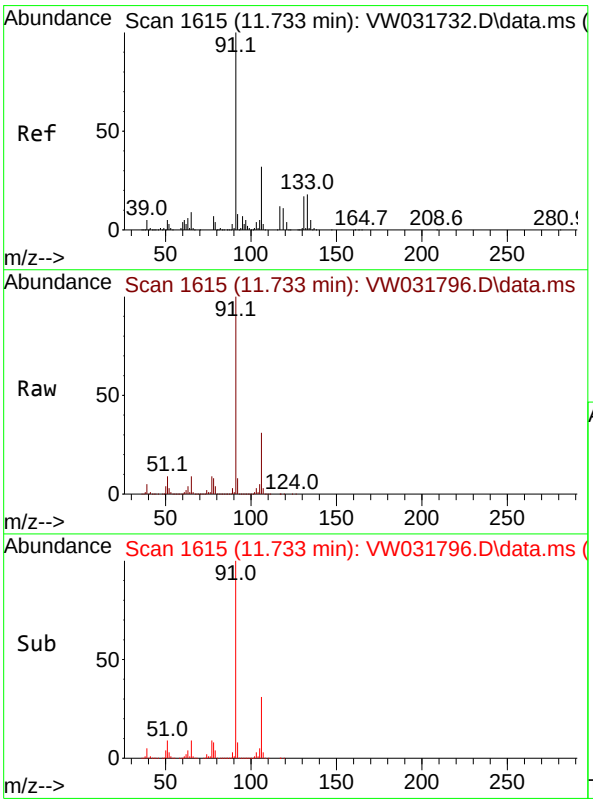
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:117 Resp: 355538

Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.6	72.8
119	32.5	23.9	35.9

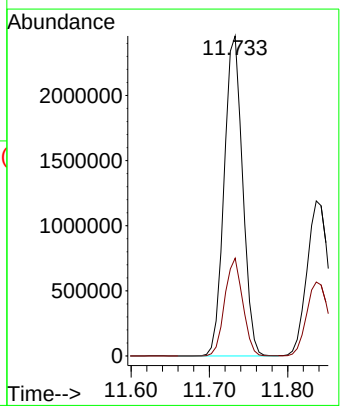


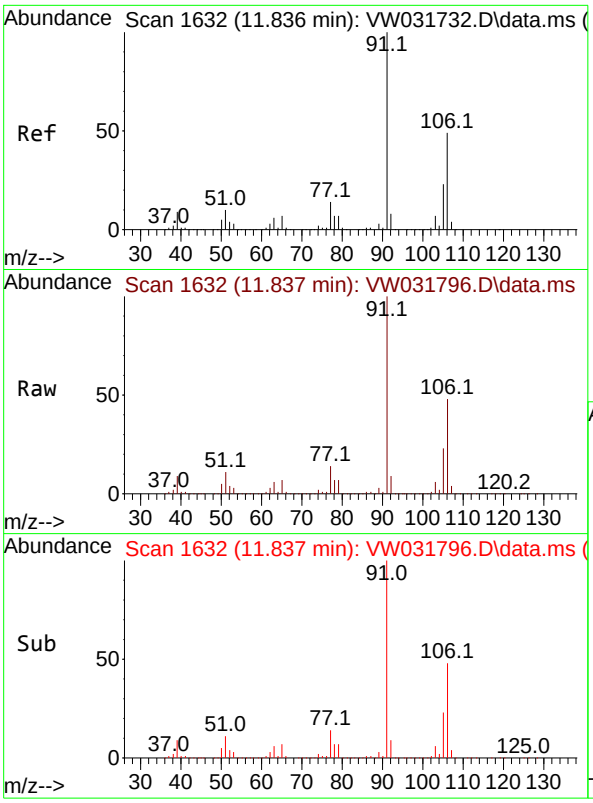


#67
Ethyl Benzene
Concen: 295.667 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 4021800

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.4	38.2



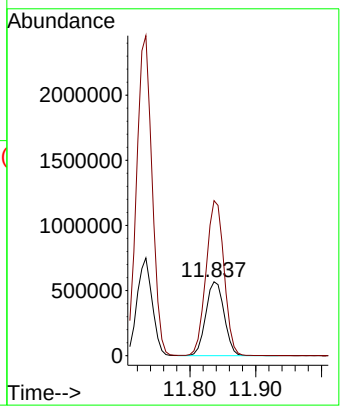


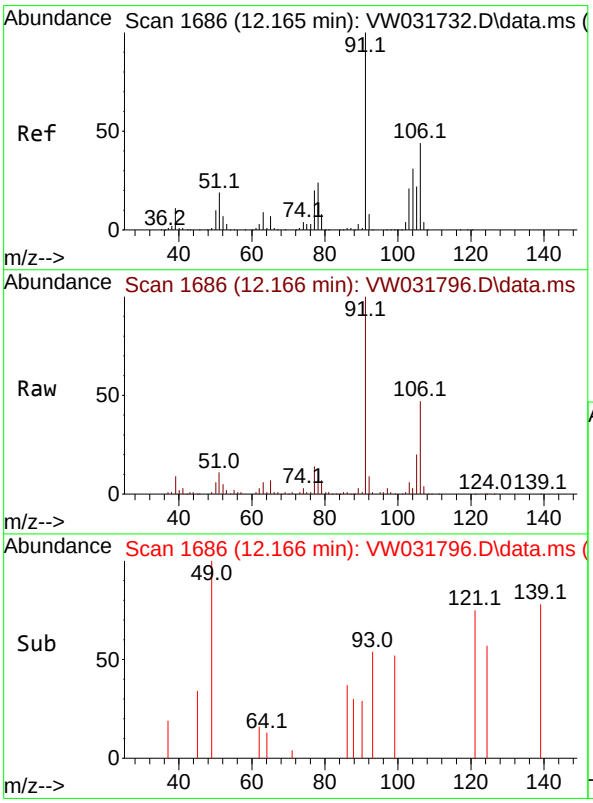
#68
m/p-Xylenes
Concen: 210.091 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:106 Resp: 1098568

Ion	Ratio	Lower	Upper
106	100		
91	205.7	166.4	249.6

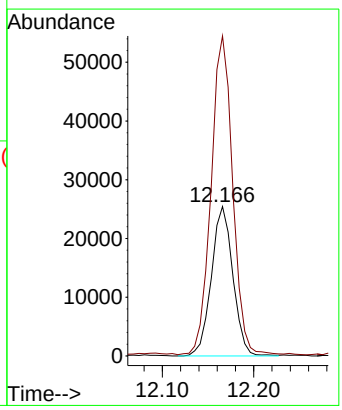


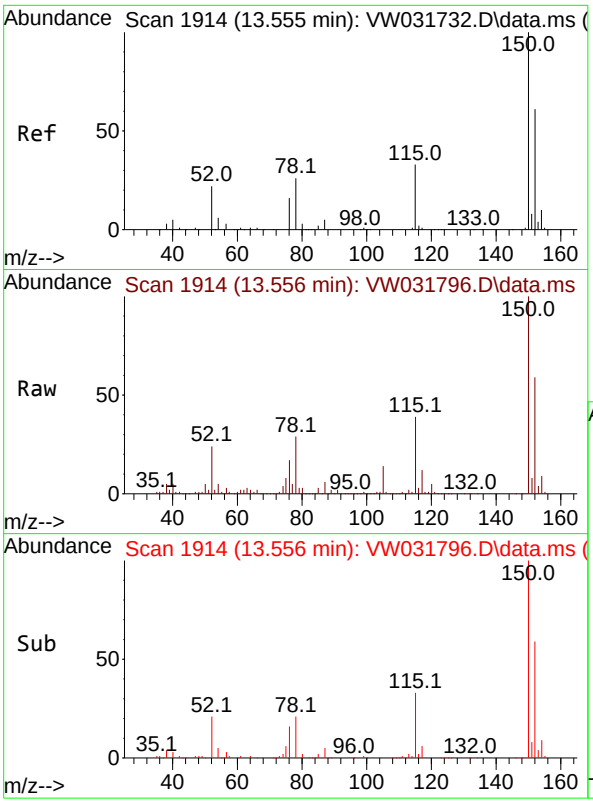


#69
o-Xylene
Concen: 8.595 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:106 Resp: 41611

Ion	Ratio	Lower	Upper
106	100		
91	214.0	111.5	334.4



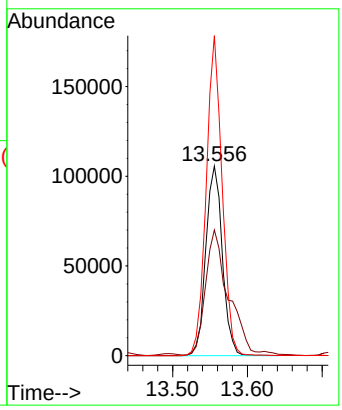


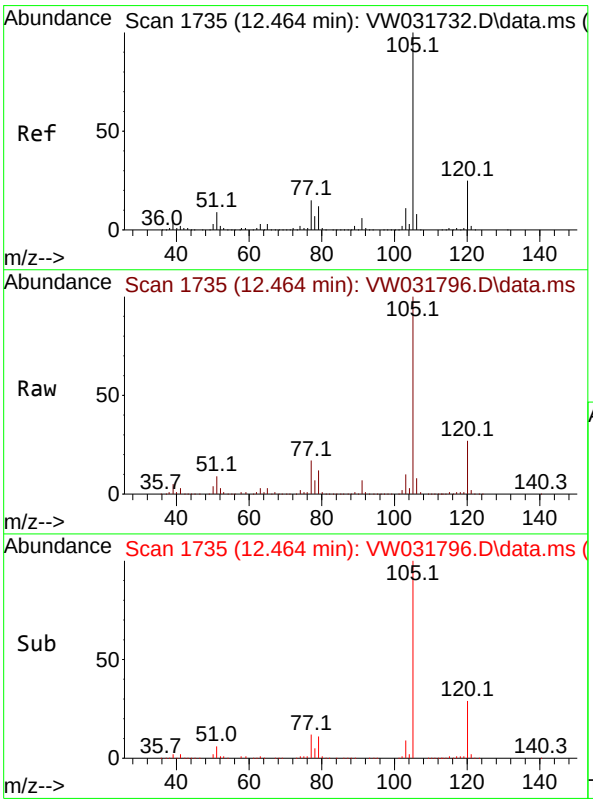
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:152 Resp: 162355

Ion	Ratio	Lower	Upper
152	100		
115	93.6	31.9	95.7
150	162.1	0.0	356.4

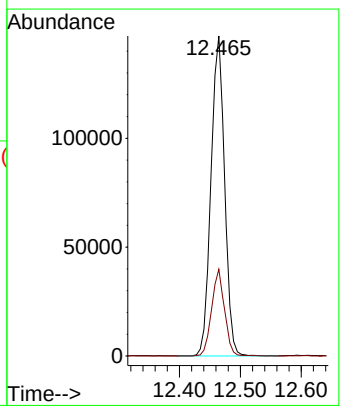


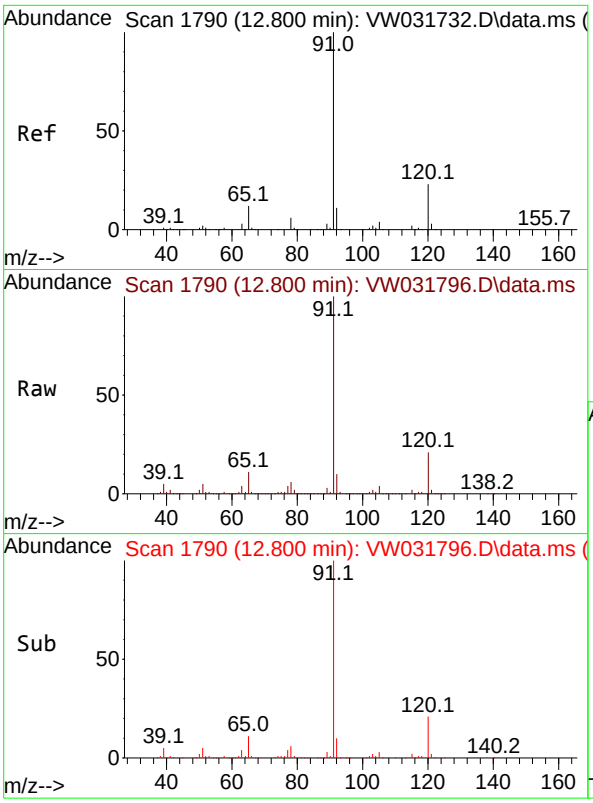


#73
Isopropylbenzene
Concen: 18.494 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 228390

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4



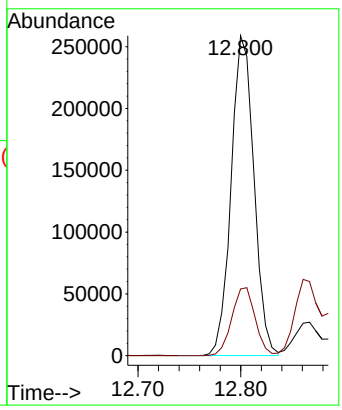


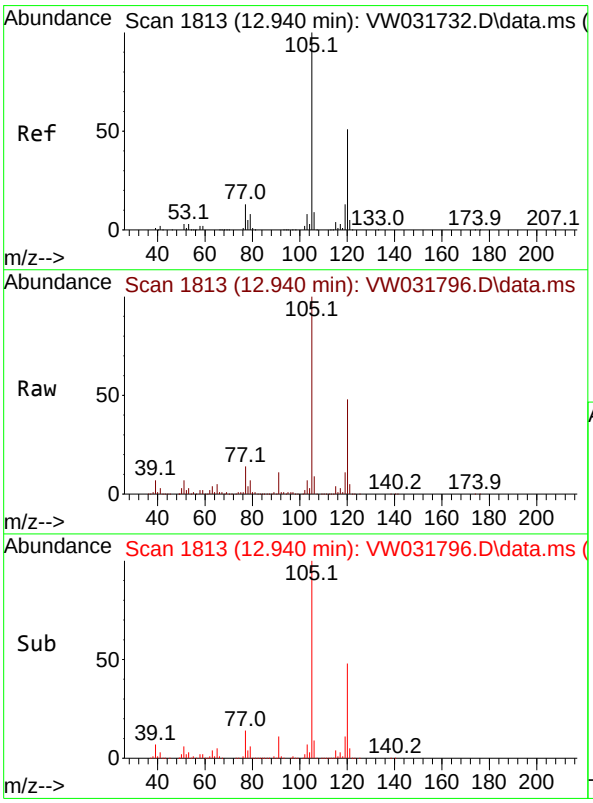
#78
n-propylbenzene
Concen: 26.975 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 91 Resp: 398920

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4

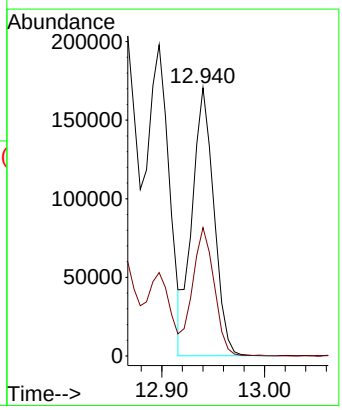


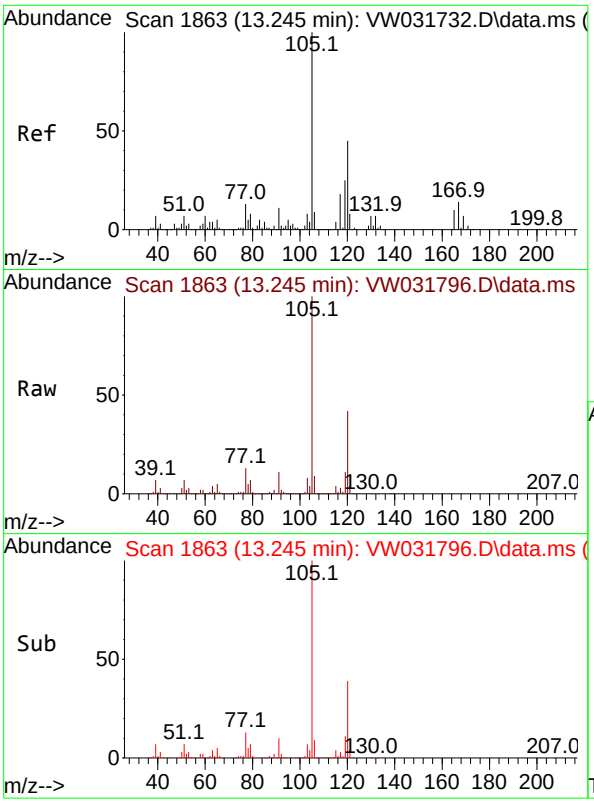


#80
1,3,5-Trimethylbenzene
Concen: 24.608 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 251549

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.2



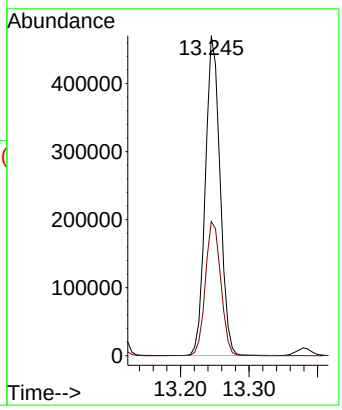


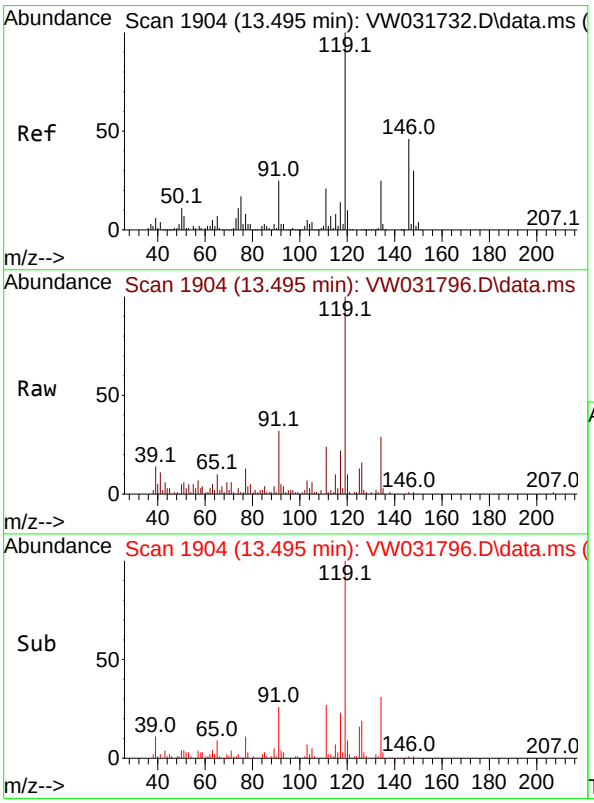
#84
1,2,4-Trimethylbenzene
Concen: 67.710 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:105 Resp: 701299

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1

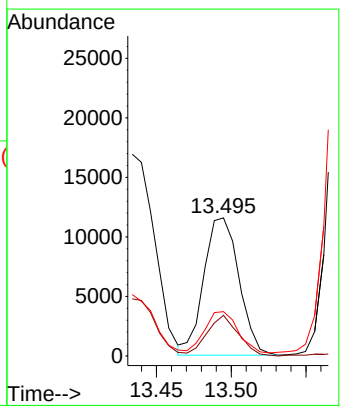


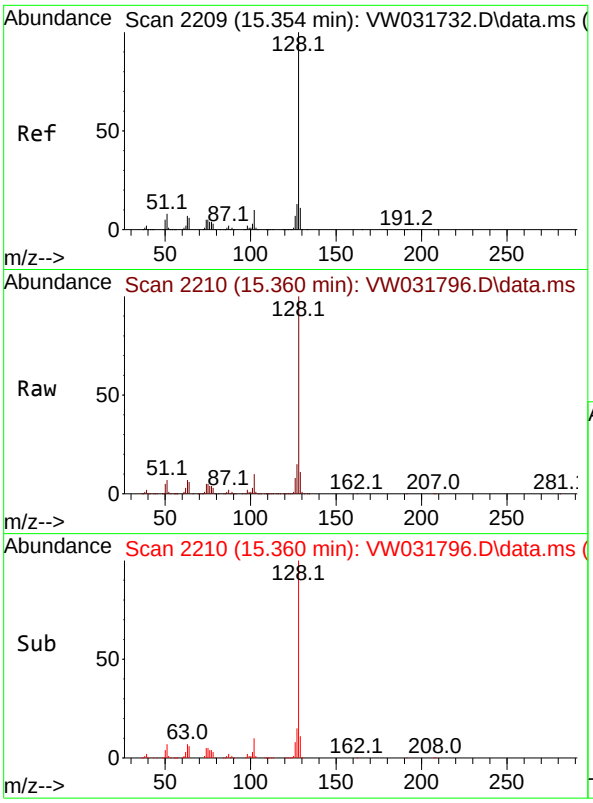


#86
p-Isopropyltoluene
Concen: 1.741 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:119 Resp: 18858

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	27.9	12.7	38.0



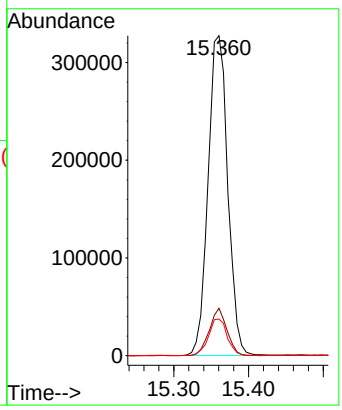


#95
Naphthalene
Concen: 78.710 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:128 Resp: 600830

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.9	8.7	13.1



Sample Results: **VW031796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	188	196	206	rVB2	37786	102711	1.12%	0.204%
2	3.436	247	254	267	rBV3	52234	150371	1.64%	0.299%
3	4.990	490	509	540	rVB8	81483	622381	6.79%	1.236%
4	5.472	573	588	611	rBV3	52988	197680	2.16%	0.393%
5	5.972	657	670	688	rBV2	105063	327986	3.58%	0.651%
6	6.319	717	727	740	rVB	80869	248811	2.71%	0.494%
7	6.459	740	750	759	rBV3	39691	124529	1.36%	0.247%
8	6.752	789	798	814	rVB2	65799	200203	2.18%	0.398%
9	7.008	829	840	850	rBV2	288380	897547	9.79%	1.783%
10	7.715	948	956	965	rBV	224851	540474	5.89%	1.073%
11	7.904	976	987	990	rBV2	166363	390289	4.26%	0.775%
12	7.965	991	997	1007	rVB2	530834	1390633	15.16%	2.762%
13	8.173	1022	1031	1037	rBV	69999	167562	1.83%	0.333%
14	8.325	1048	1056	1069	rVB2	195272	487267	5.31%	0.968%
15	8.465	1069	1079	1085	rVV3	179979	532884	5.81%	1.058%
16	8.520	1085	1088	1094	rVV2	91741	192820	2.10%	0.383%
17	8.587	1094	1099	1109	rVB2	85728	203586	2.22%	0.404%
18	8.703	1109	1118	1131	rVB2	106648	248985	2.71%	0.495%
19	8.849	1131	1142	1162	rBV	618468	1561832	17.03%	3.102%
20	9.124	1182	1187	1204	rVB	89764	206148	2.25%	0.409%
21	9.343	1206	1223	1239	rBV2	588262	1451354	15.82%	2.883%
22	9.526	1246	1253	1259	rBV	63354	120412	1.31%	0.239%
23	9.691	1273	1280	1281	rBV2	76436	133382	1.45%	0.265%
24	9.715	1281	1284	1288	rVV2	96705	182905	1.99%	0.363%
25	9.764	1288	1292	1300	rVB4	55240	114391	1.25%	0.227%
26	9.855	1300	1307	1312	rBV	221444	411256	4.48%	0.817%
27	9.910	1312	1316	1321	rVV	79386	134445	1.47%	0.267%
28	10.099	1339	1347	1356	rBV3	52805	122122	1.33%	0.243%
29	10.209	1356	1365	1376	rVB	308837	590535	6.44%	1.173%
30	10.325	1376	1384	1390	rBV	773526	1445267	15.76%	2.870%
31	10.392	1390	1395	1402	rVB	211797	406601	4.43%	0.808%
32	10.508	1407	1414	1422	rVV4	93390	214531	2.34%	0.426%
33	10.666	1436	1440	1447	rBV	56437	101437	1.11%	0.201%
34	10.751	1447	1454	1463	rVB3	81765	206644	2.25%	0.410%
35	11.635	1591	1599	1605	rBV	674135	1151506	12.55%	2.287%
36	11.733	1605	1615	1623	rVV	5560683	9171855	100.00%	18.216%

Sample Results: **VW031796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	11.837	1623	1632	1643	rVV	3444520	6541480	71.32%	12.992%
38	12.166	1675	1686	1694	rBV	160495	315883	3.44%	0.627%
39	12.465	1729	1735	1741	rBV	355799	553431	6.03%	1.099%
40	12.617	1753	1760	1768	rVB2	490643	831040	9.06%	1.651%
41	12.800	1783	1790	1795	rBV	516697	812086	8.85%	1.613%
42	12.867	1795	1801	1803	rVV	507836	837384	9.13%	1.663%
43	12.897	1803	1806	1809	rVV	474654	690372	7.53%	1.371%
44	12.940	1809	1813	1819	rVB	485030	728118	7.94%	1.446%
45	13.099	1832	1839	1847	rBV	463746	750303	8.18%	1.490%
46	13.245	1857	1863	1870	rVB	1295528	1946652	21.22%	3.866%
47	13.580	1908	1918	1928	rBV2	1784349	3826573	41.72%	7.600%
48	13.714	1934	1940	1941	rBV	107571	135821	1.48%	0.270%
49	13.751	1941	1946	1961	rVB	1367374	2556653	27.87%	5.078%
50	13.940	1971	1977	1983	rVB2	125646	216412	2.36%	0.430%
51	14.007	1983	1988	1991	rBV	75716	124924	1.36%	0.248%
52	14.092	1997	2002	2007	rVB	263505	401737	4.38%	0.798%
53	14.153	2007	2012	2015	rBV	86915	130442	1.42%	0.259%
54	14.202	2015	2020	2028	rVB2	389663	623469	6.80%	1.238%
55	14.330	2035	2041	2047	rBV2	97505	158045	1.72%	0.314%
56	14.409	2047	2054	2058	rBV	139260	229940	2.51%	0.457%
57	14.684	2094	2099	2105	rBV	223858	349778	3.81%	0.695%
58	14.806	2110	2119	2124	rBV2	421503	840056	9.16%	1.668%
59	14.952	2137	2143	2149	rBV2	104988	169736	1.85%	0.337%
60	15.055	2149	2160	2164	rBV3	57997	136559	1.49%	0.271%
61	15.171	2172	2179	2186	rVB3	55521	132132	1.44%	0.262%
62	15.360	2202	2210	2220	rVB	701697	1258063	13.72%	2.499%
63	16.433	2378	2386	2399	rVB	85692	191718	2.09%	0.381%
64	16.634	2410	2419	2429	rVB2	45511	107356	1.17%	0.213%

Sum of corrected areas: 50349505

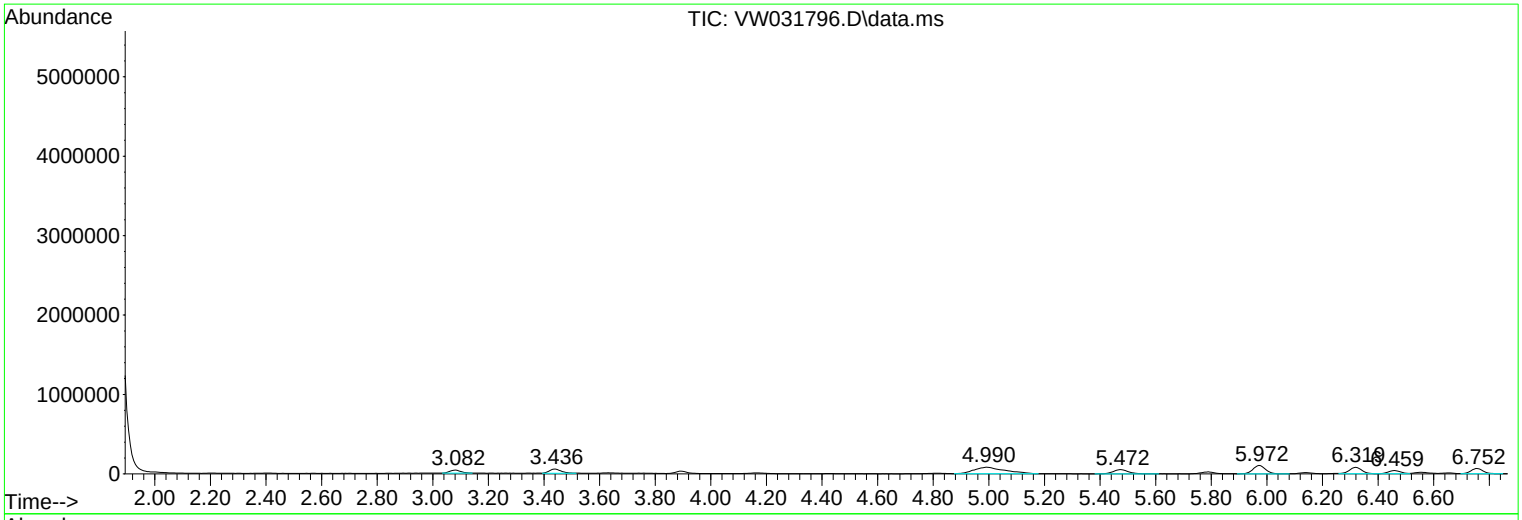
Sample Results: **VW031796.D**

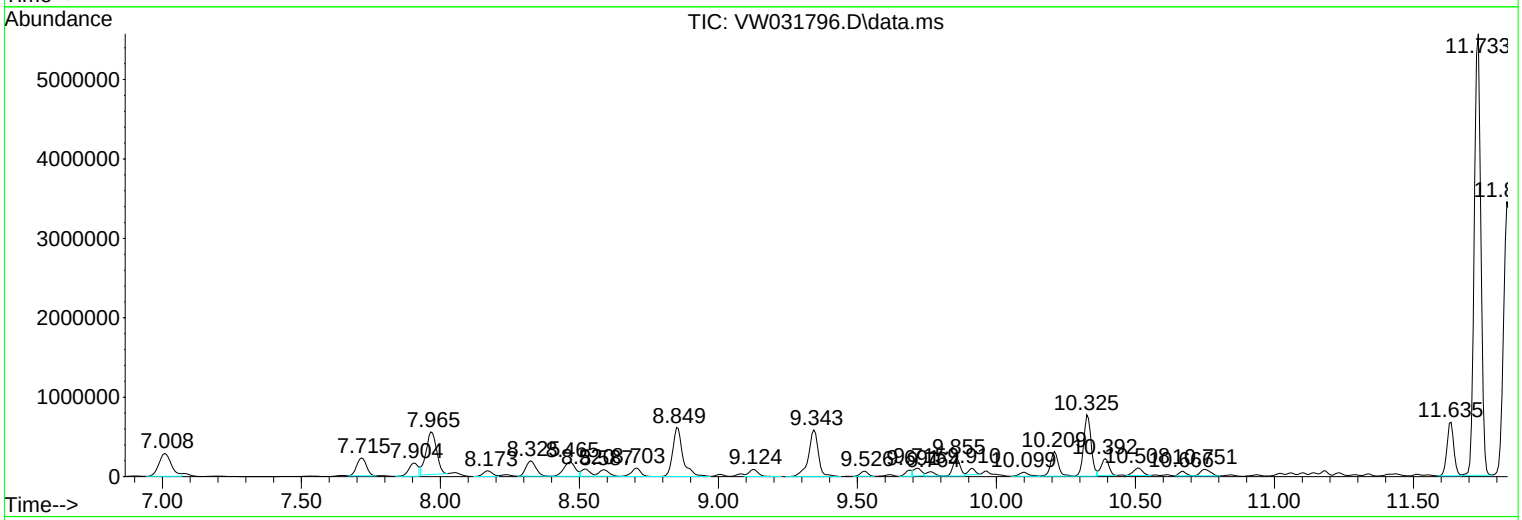
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

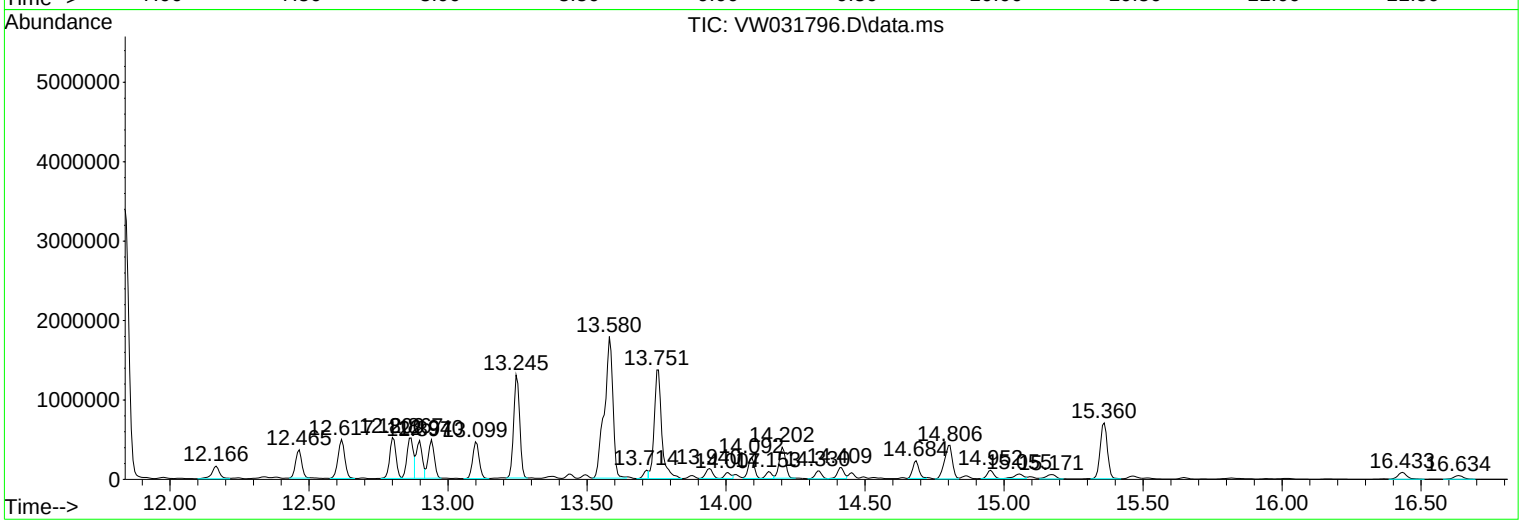
Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

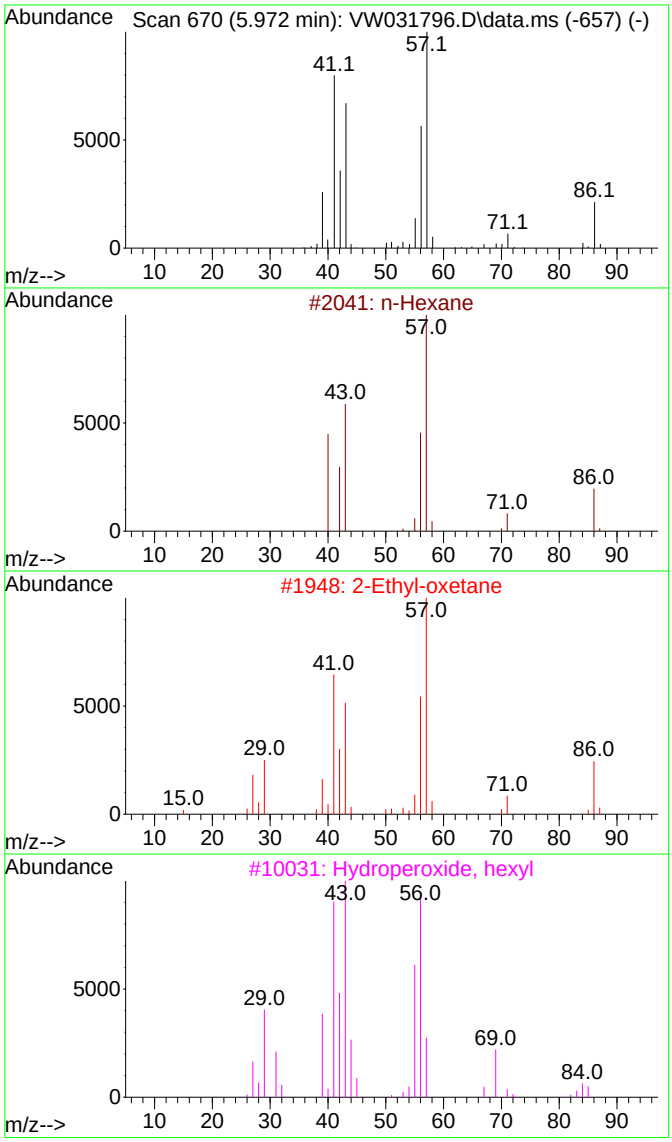
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

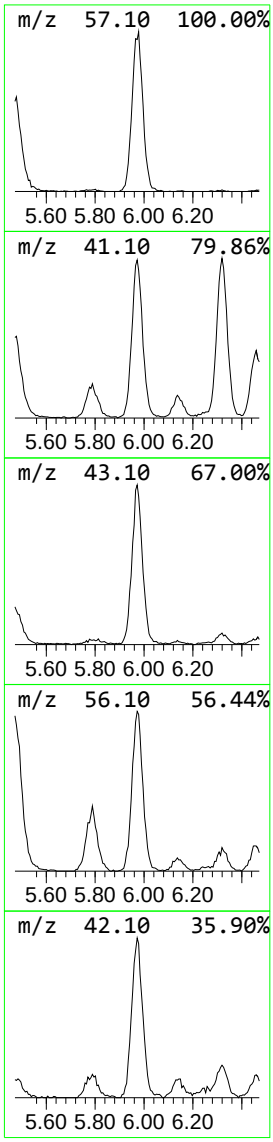
****

Peak Number 1 n-Hexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.972	11.79 ug/l	327986	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	50
3	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

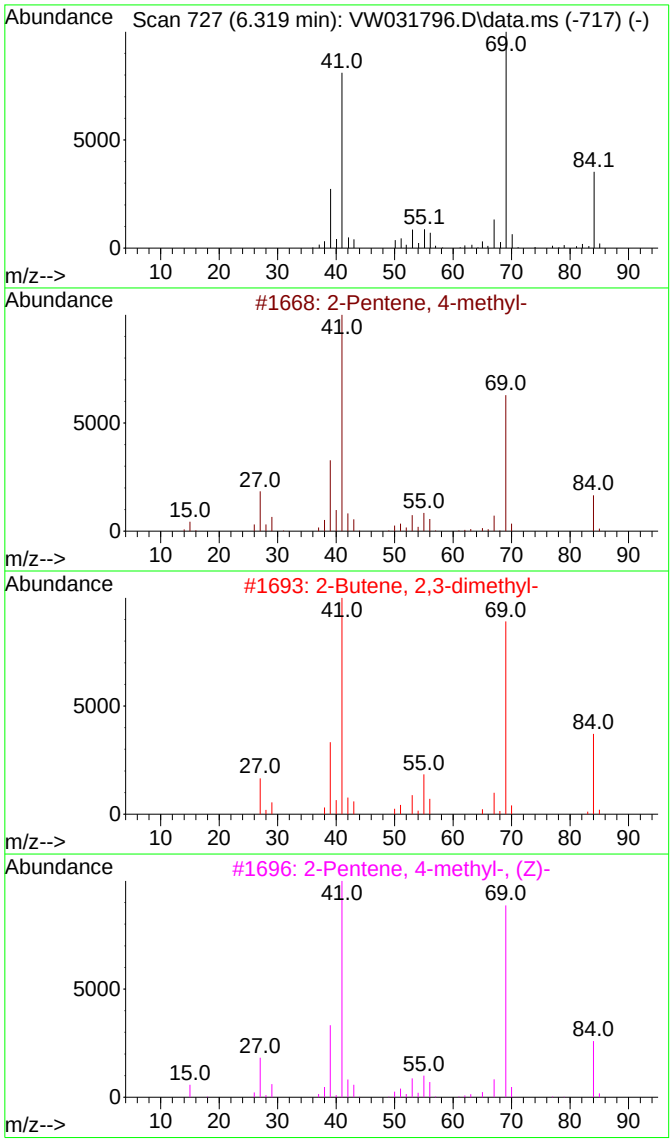
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

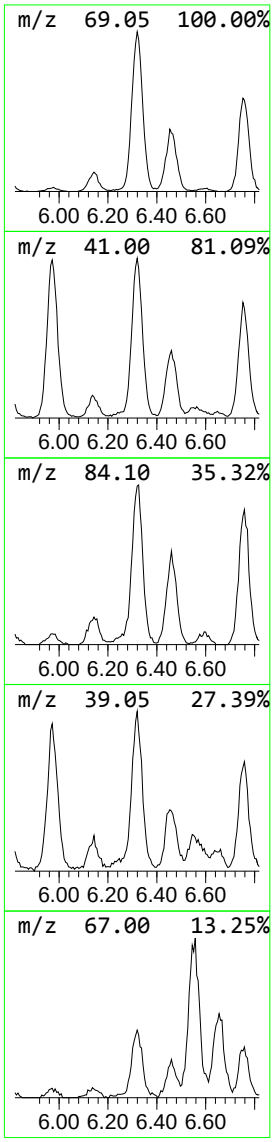
****

Peak Number 2 2-Pentene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.319	8.95 ug/l	248811	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	87
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	86
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

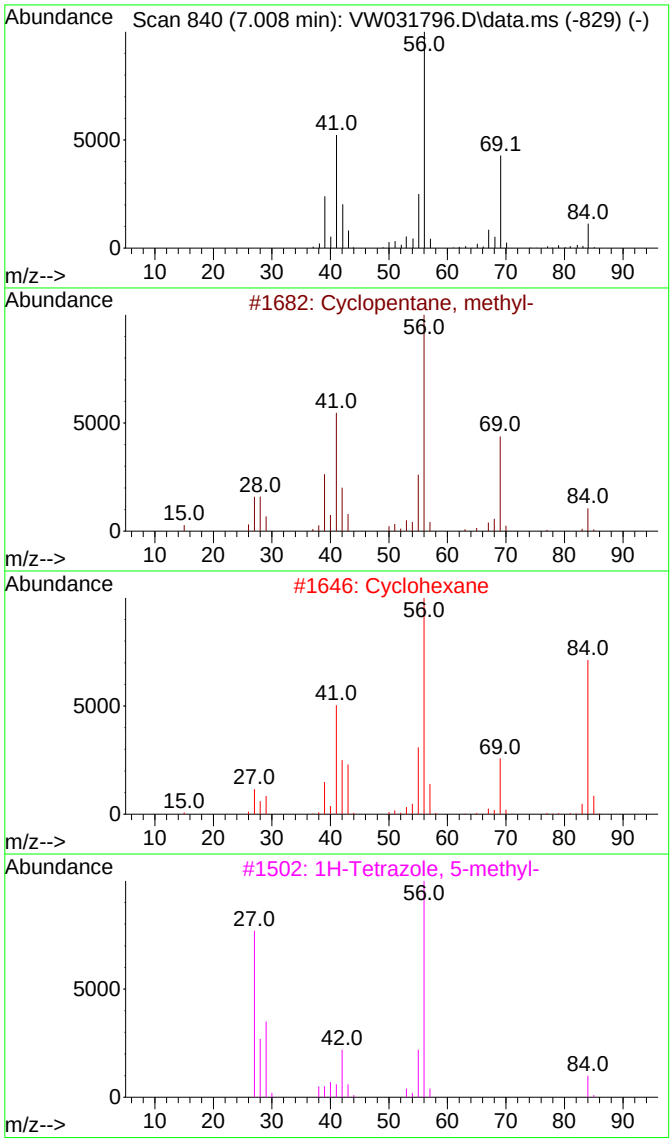
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

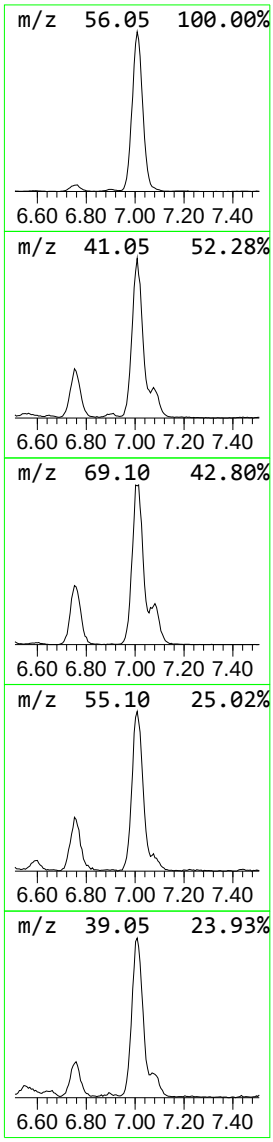
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	32.27 ug/l	897547	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclobutane	56	C4H8	000287-23-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

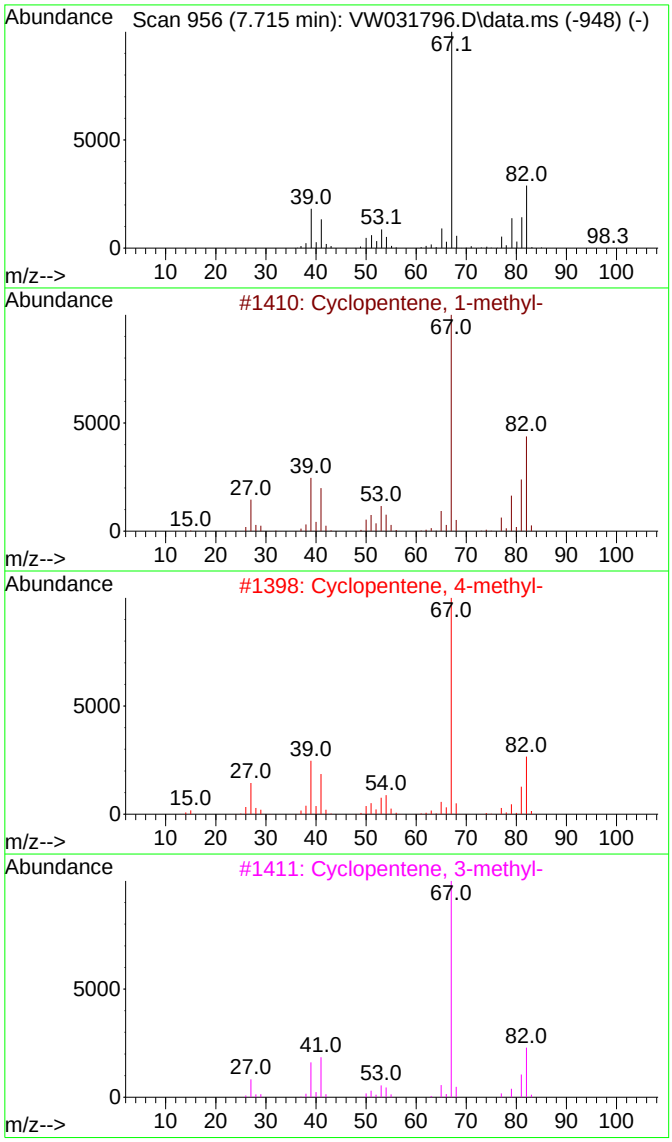
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

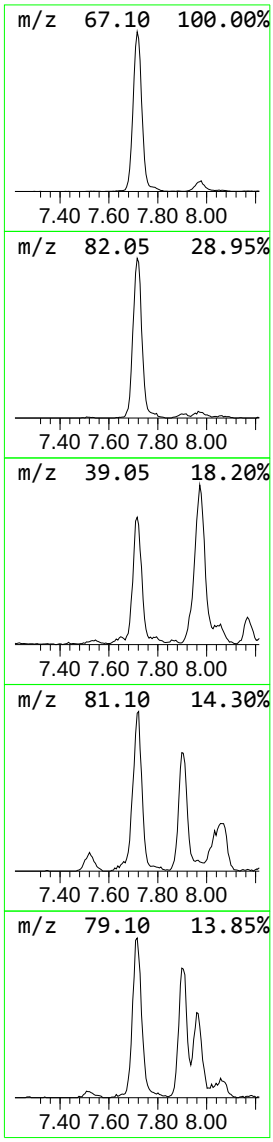
****

Peak Number 4 Cyclopentene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.715	19.43 ug/l	540474	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	80
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

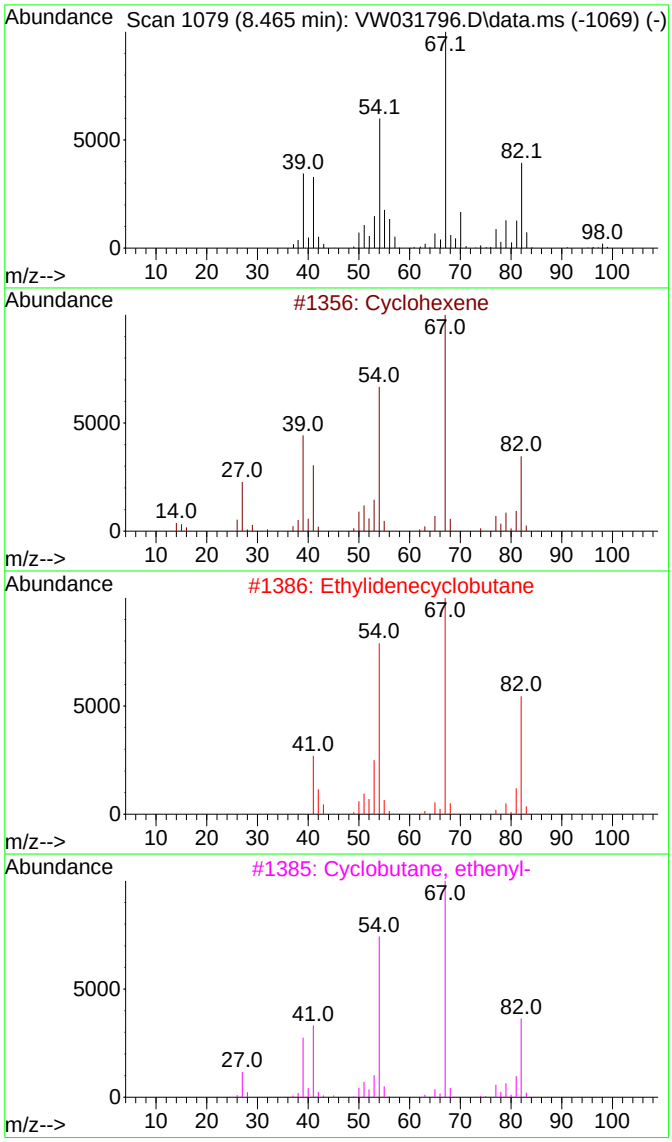
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

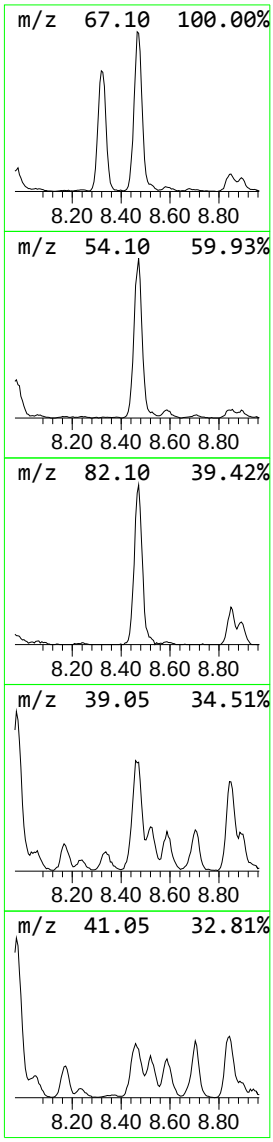
****

Peak Number 5 Cyclohexene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.465	17.06 ug/l	532884	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	87
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	87
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	83
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	70
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	70





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Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260

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

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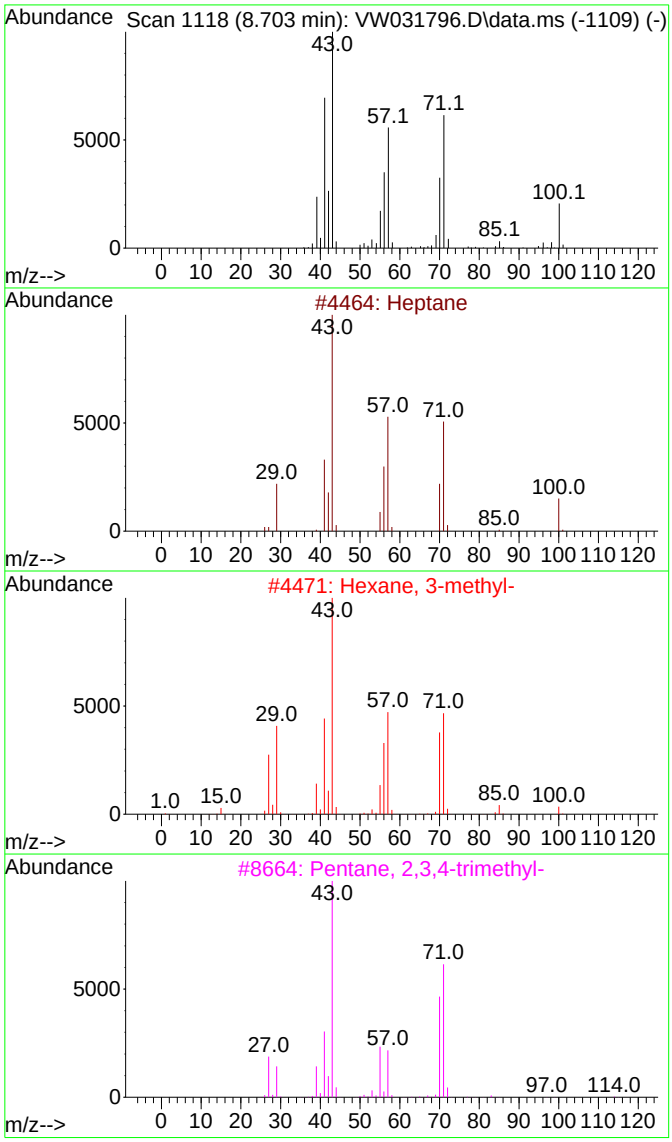
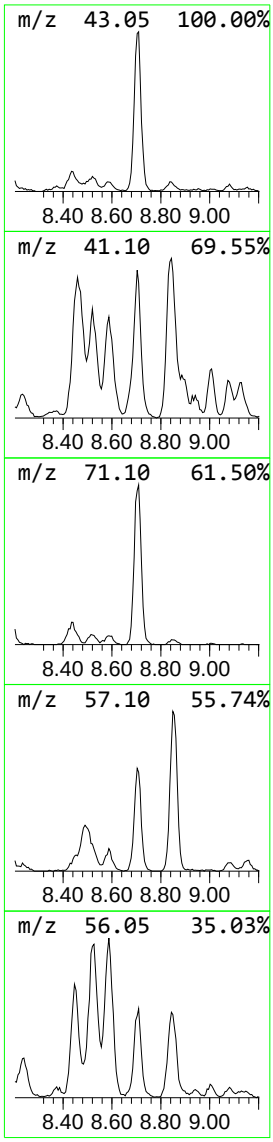
Peak Number 6 Heptane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	7.97 ug/l	248985	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
4	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38





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Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

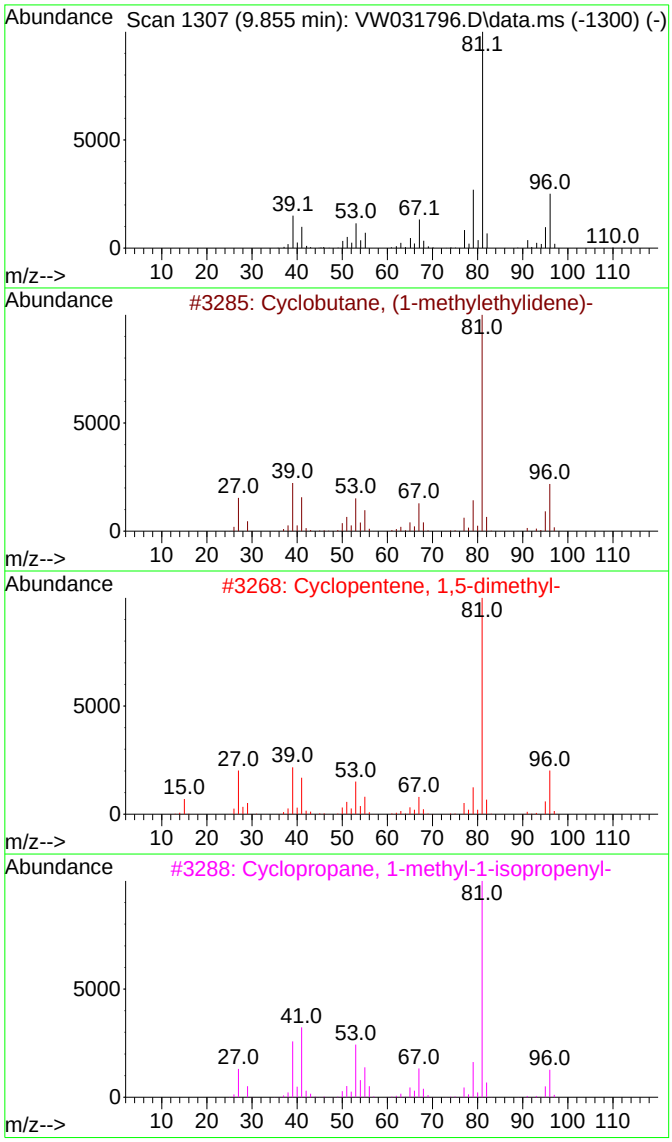
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

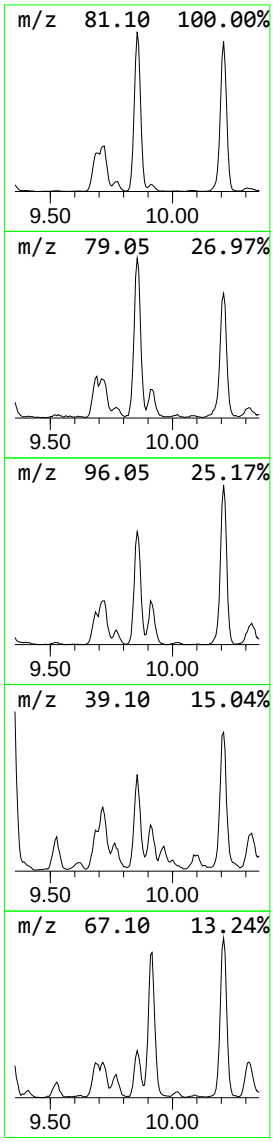
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclobutane, (1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	13.17 ug/l	411256	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72





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Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

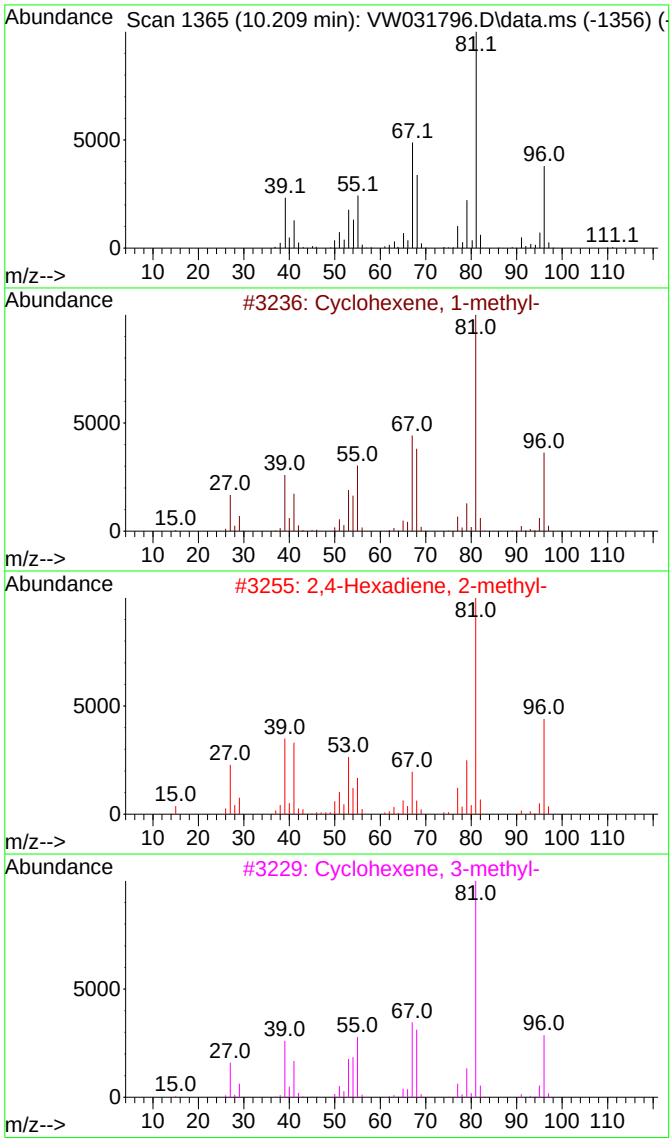
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

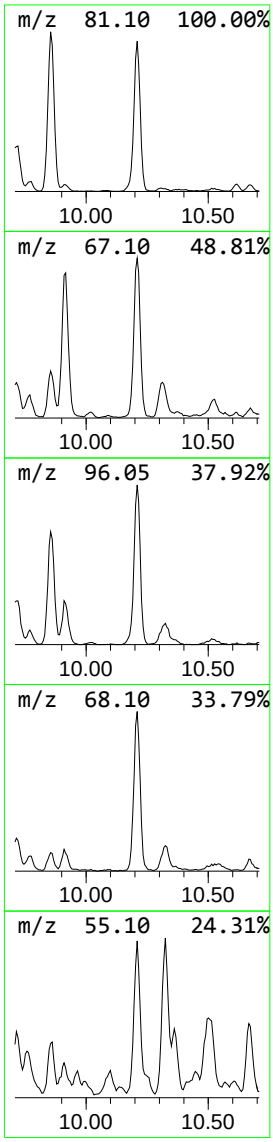
****

Peak Number 8 Cyclohexene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.209	18.91 ug/l	590535	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76





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Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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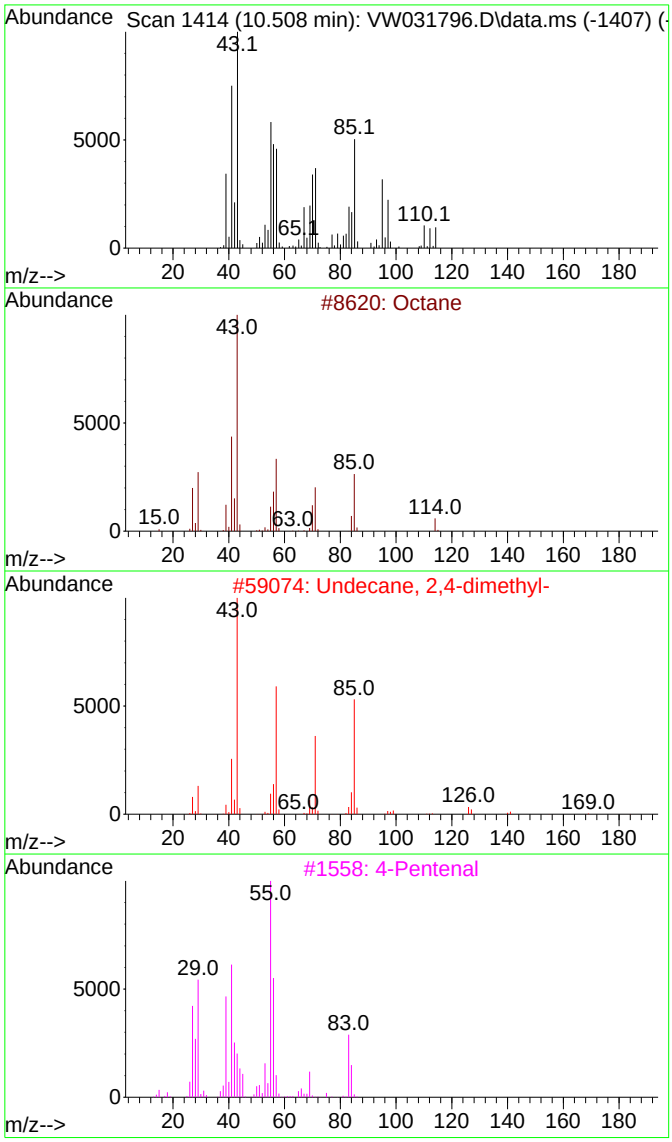
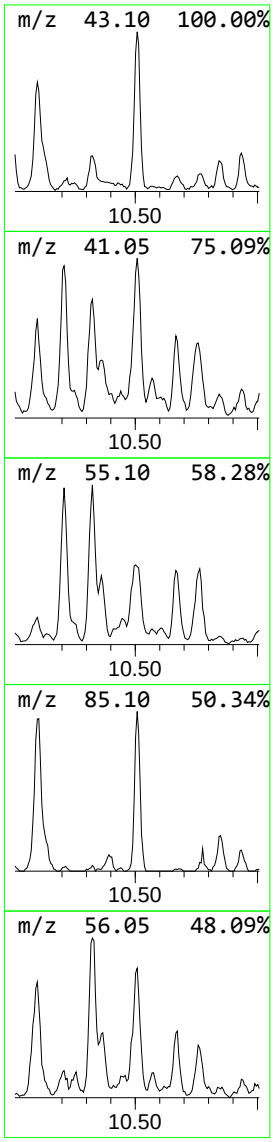
Peak Number 9 unknown10.508 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	9.32 ug/l	214531	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	43
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	27
3	4-Pentenal	84	C5H8O	002100-17-6	25
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	18
5	2-Octene, (E)-	112	C8H16	013389-42-9	18





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Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

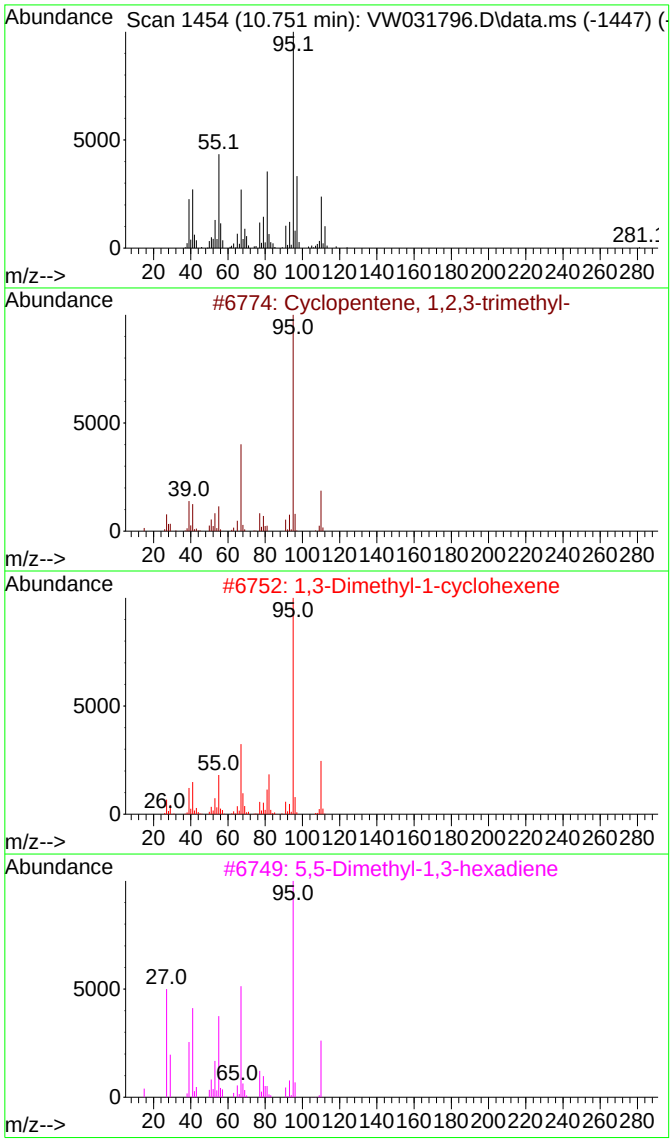
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

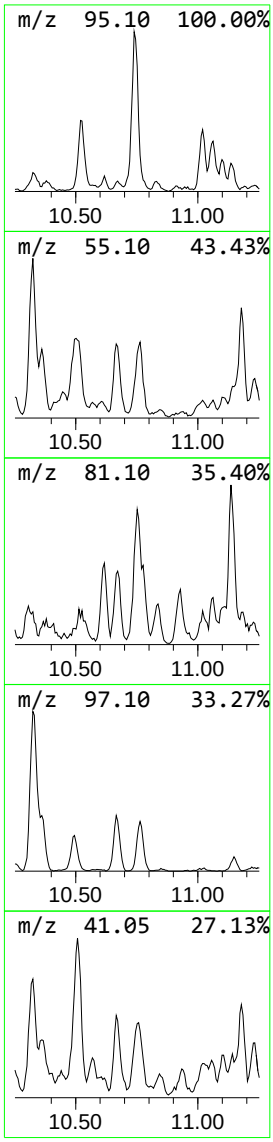
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	8.97 ug/l	206644	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	68
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	58
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	53
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53





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Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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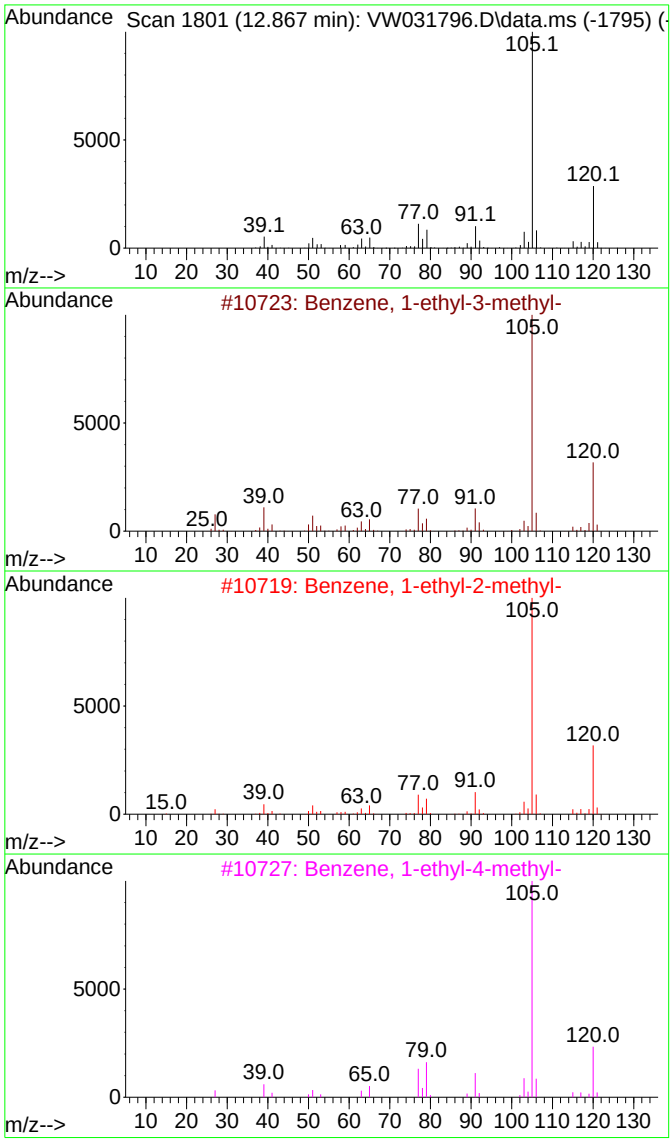
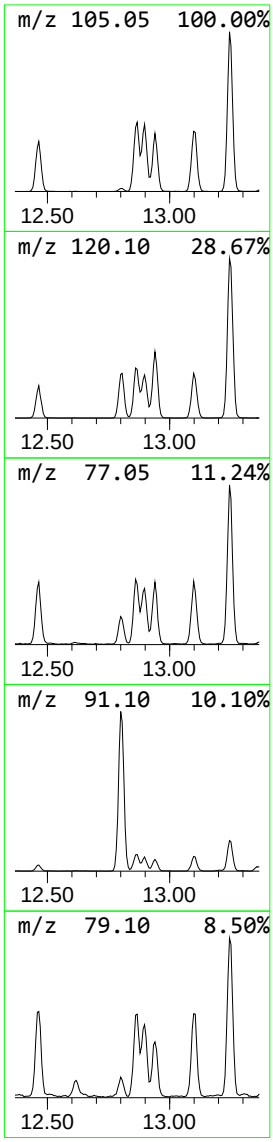
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	10.94 ug/l	837384	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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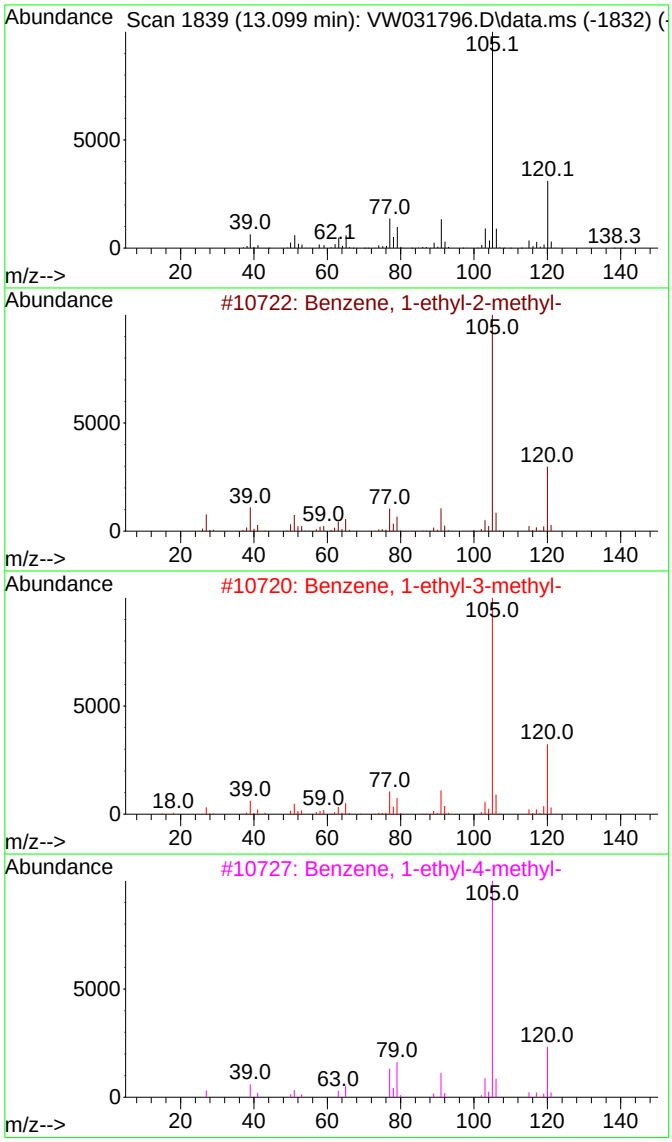
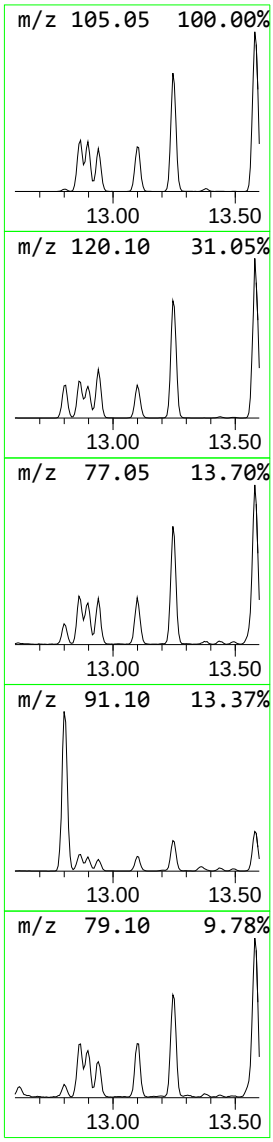
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	9.80 ug/l	750303	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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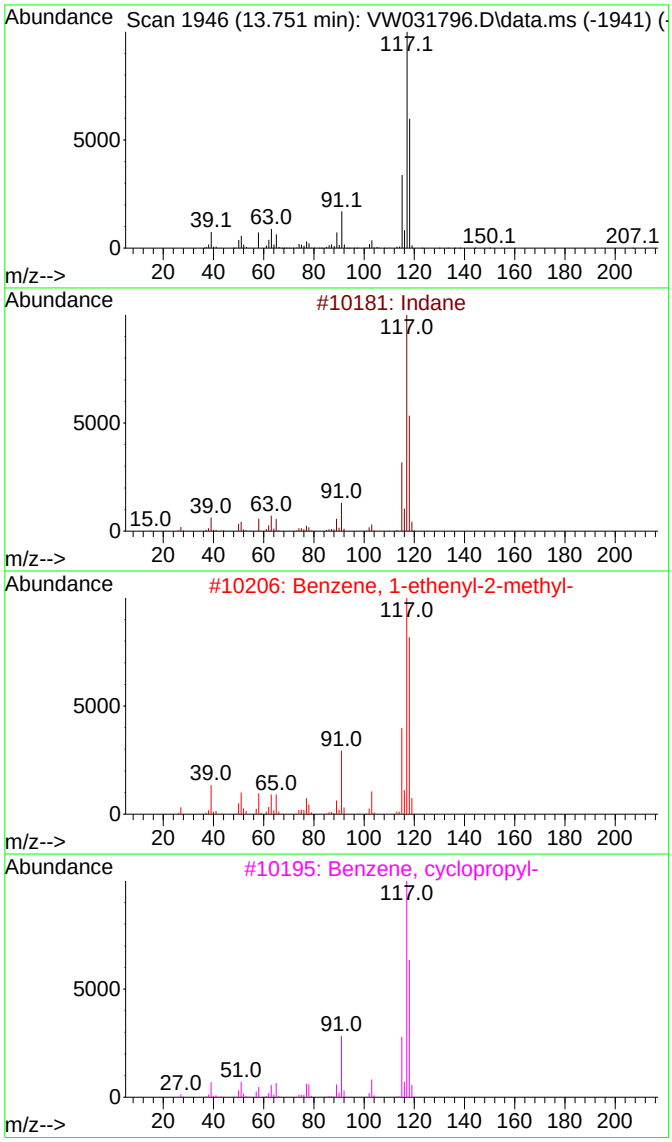
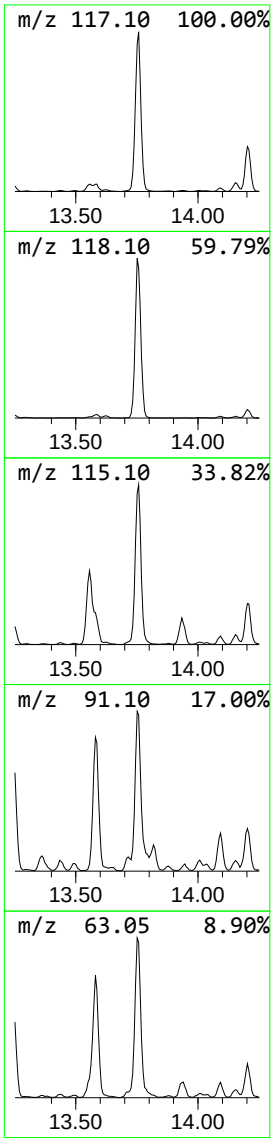
Peak Number 13 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	33.41 ug/l	2556650	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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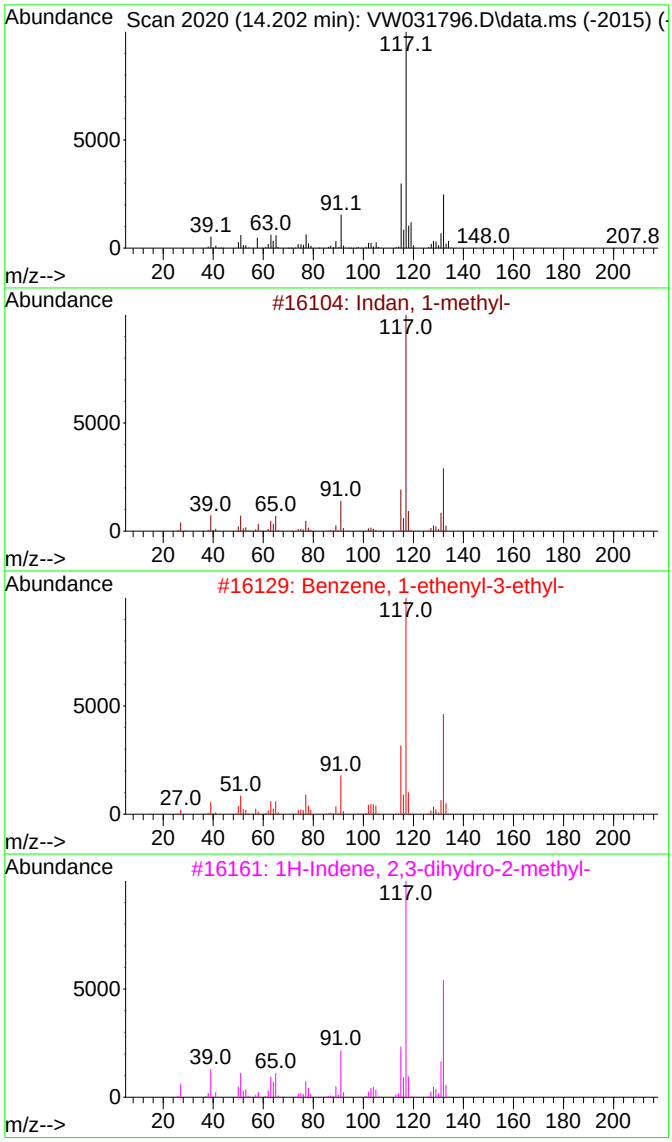
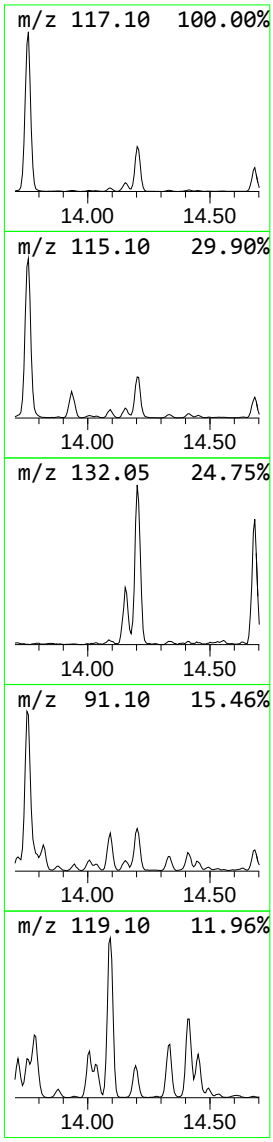
Peak Number 14 Indan, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	8.15 ug/l	623469	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

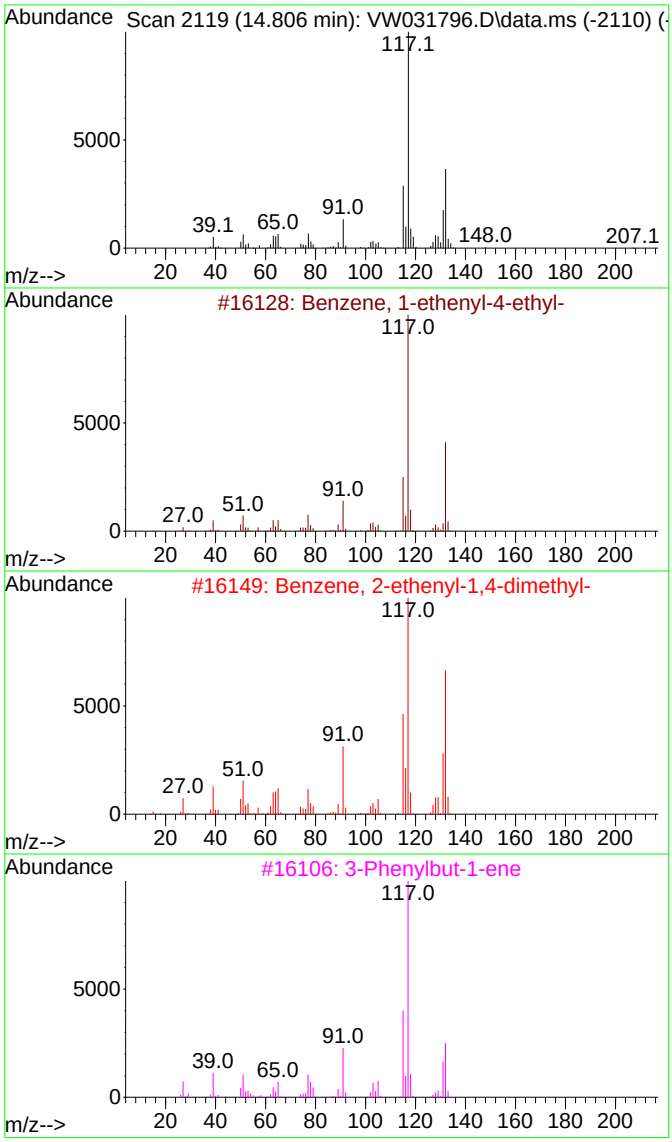
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

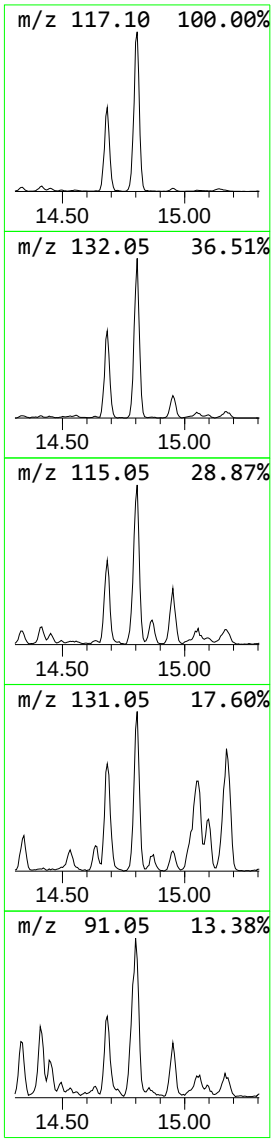
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.806	10.98 ug/l	840056	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





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Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	5.972	11.8	ug/l	327986	1	7.965	1390630	50.0
2-Pentene, 4-me...	6.319	8.9	ug/l	248811	1	7.965	1390630	50.0
Cyclopentane, m...	7.008	32.3	ug/l	897547	1	7.965	1390630	50.0
Cyclopentene, 1...	7.715	19.4	ug/l	540474	1	7.965	1390630	50.0
Cyclohexene	8.465	17.1	ug/l	532884	2	8.855	1561830	50.0
Heptane	8.703	8.0	ug/l	248985	2	8.855	1561830	50.0
Cyclobutane, (1...	9.855	13.2	ug/l	411256	2	8.855	1561830	50.0
Cyclohexene, 1-...	10.209	18.9	ug/l	590535	2	8.855	1561830	50.0
unknown10.508	10.508	9.3	ug/l	214531	3	11.635	1151510	50.0
Cyclopentene, 1...	10.751	9.0	ug/l	206644	3	11.635	1151510	50.0
Benzene, 1-ethy...	12.867	10.9	ug/l	837384	4	13.556	3826570	50.0
Benzene, 1-ethy...	13.099	9.8	ug/l	750303	4	13.556	3826570	50.0
Indane	13.751	33.4	ug/l	2556650	4	13.556	3826570	50.0
Indan, 1-methyl-	14.202	8.2	ug/l	623469	4	13.556	3826570	50.0
Benzene, 1-ethe...	14.806	11.0	ug/l	840056	4	13.556	3826570	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046966.D
Acq On : 14 Jul 2025 12:27
Operator : JC/MD
Sample : Q2480-04ME
Misc : 7.83g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Quant Time: Jul 15 01:17:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

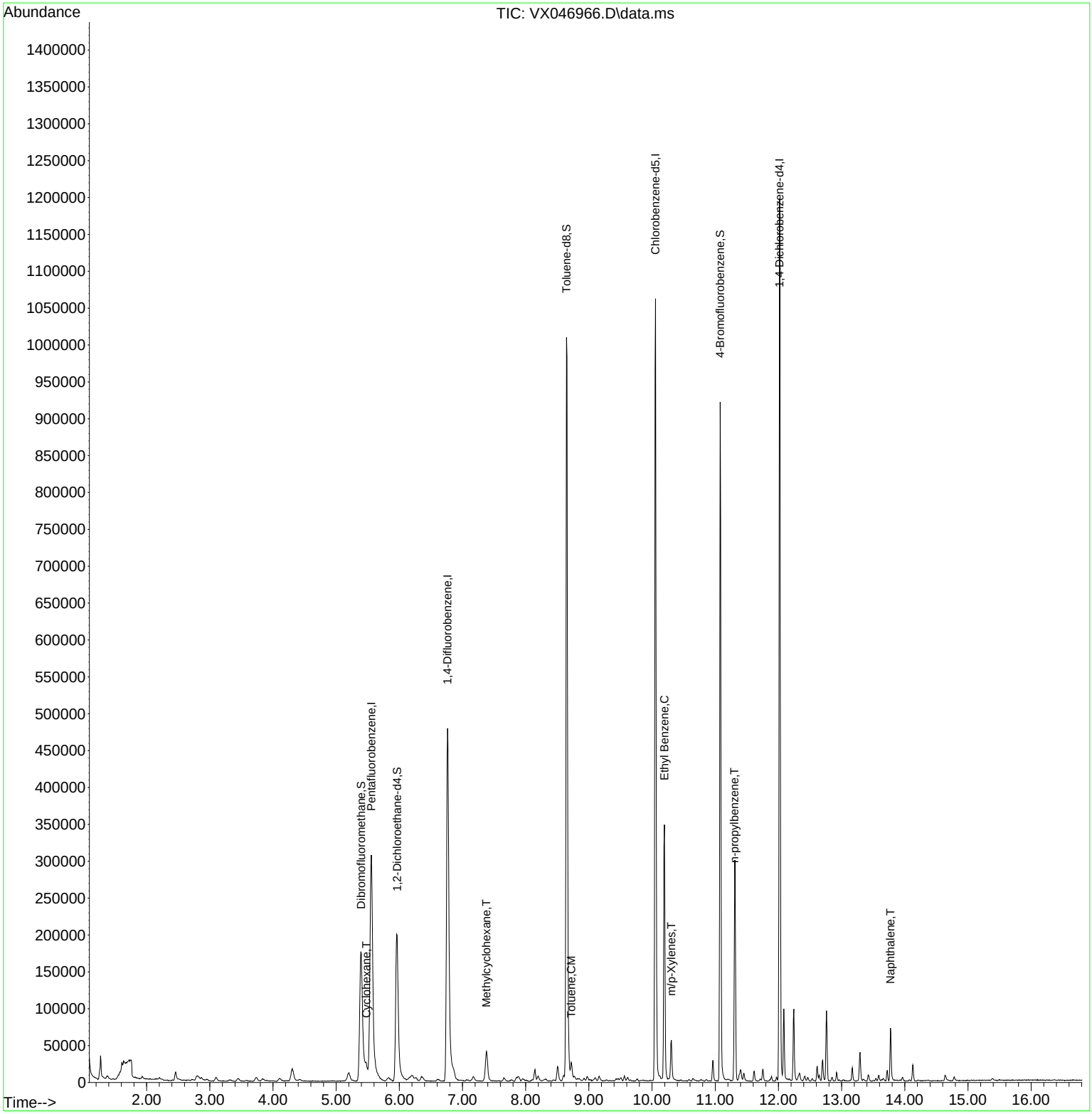
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	315290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	247915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	218114	52.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	175195	48.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.260%			
50) Toluene-d8	8.646	98	628116	48.905	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.800%			
62) 4-Bromofluorobenzene	11.079	95	248231	50.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.700%			
Target Compounds						Qvalue
31) Cyclohexane	5.476	56	11696	1.964	ug/l	94
39) Methylcyclohexane	7.378	83	18925	3.080	ug/l	99
52) Toluene	8.720	92	9641	1.047	ug/l	97
67) Ethyl Benzene	10.195	91	213257	11.740	ug/l	99
68) m/p-Xylenes	10.305	106	14307	2.090	ug/l	98
78) n-propylbenzene	11.305	91	27785	1.322	ug/l	98
95) Naphthalene	13.774	128	48368	3.434	ug/l	98

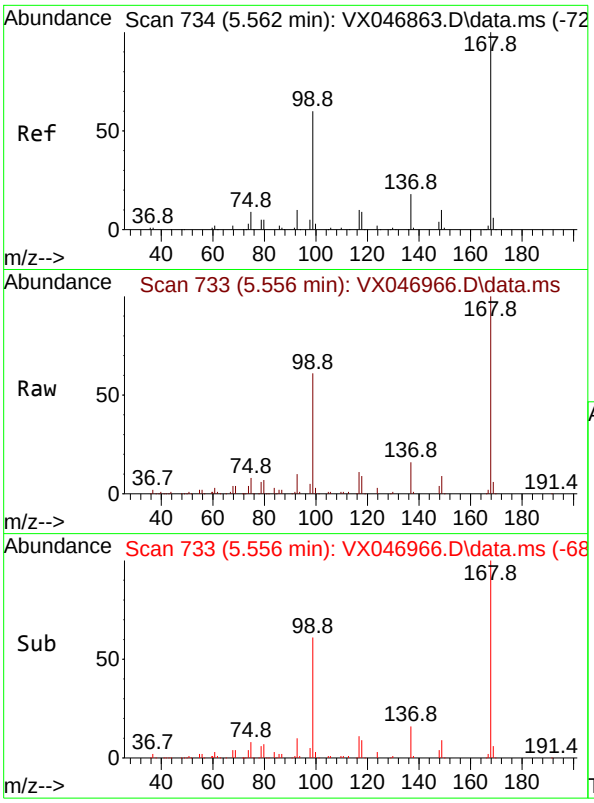
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046966.D
Acq On : 14 Jul 2025 12:27
Operator : JC/MD
Sample : Q2480-04ME
Misc : 7.83g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Quant Time: Jul 15 01:17:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



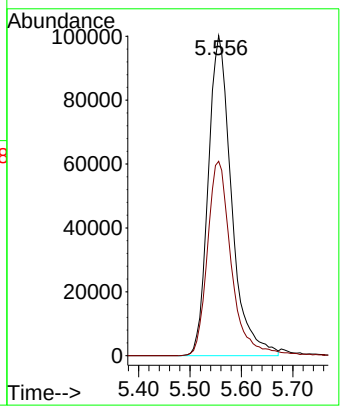


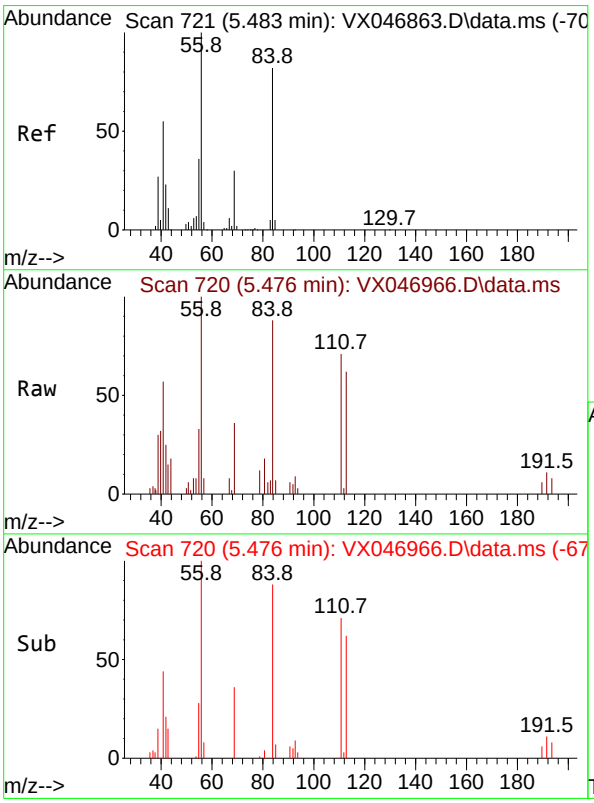
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion:168 Resp: 315290

Ion	Ratio	Lower	Upper
168	100		
99	60.8	48.8	73.2

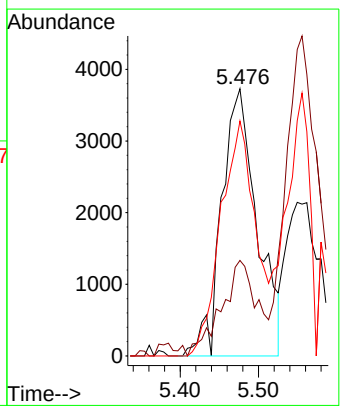


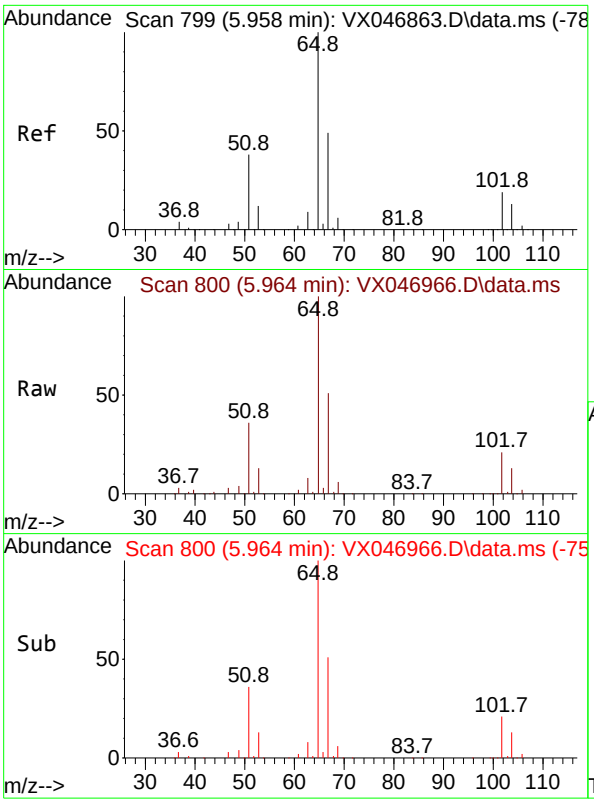


#31
Cyclohexane
Concen: 1.964 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 56 Resp: 11696

Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.0	36.0
84	87.9	66.5	99.7



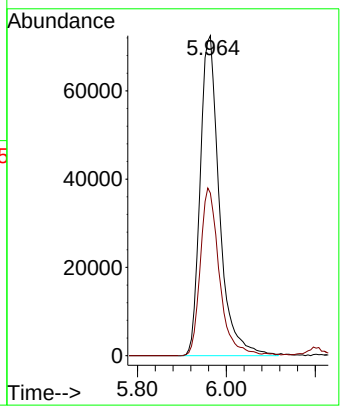


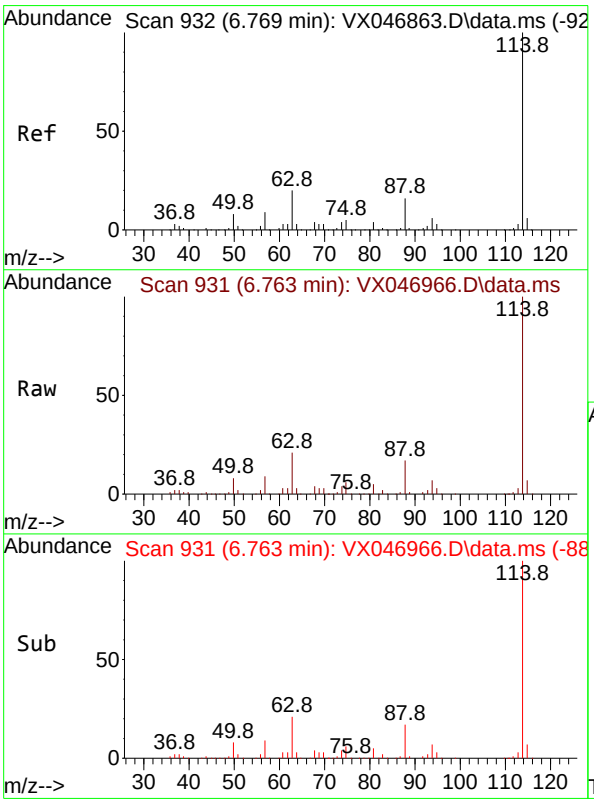
#33
1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 65 Resp: 218114

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2

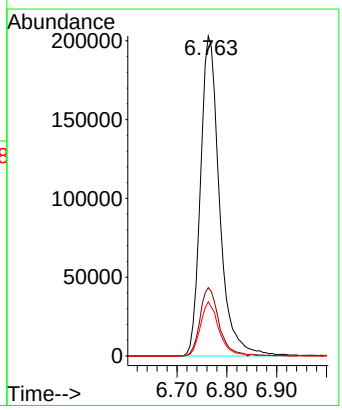


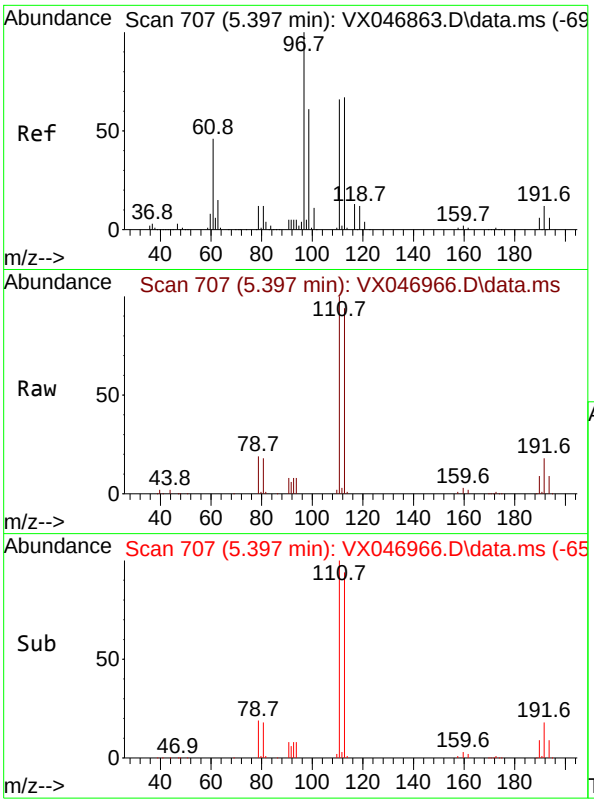


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion:114 Resp: 536279

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.9	0.0	31.0



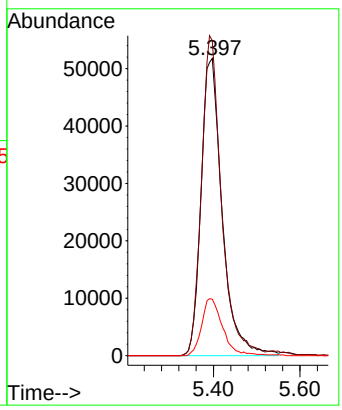


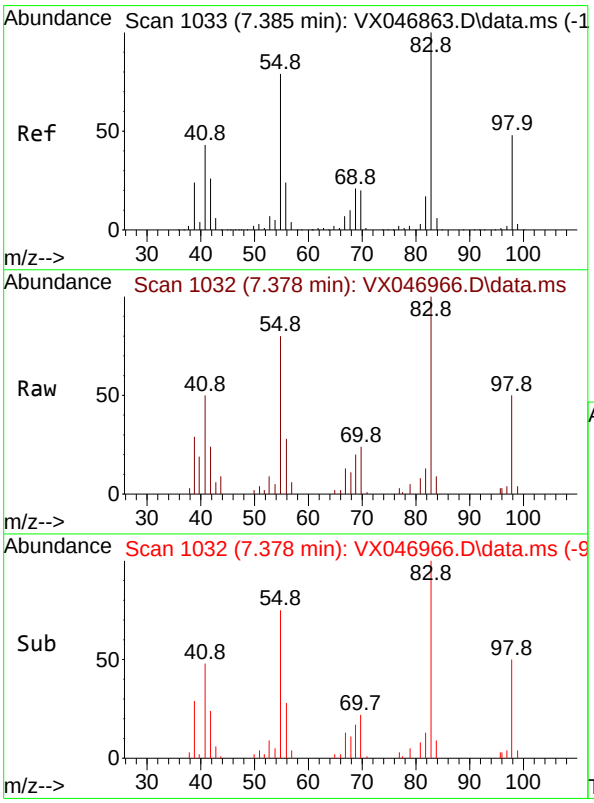
#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion:113 Resp: 175195

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	19.1	15.3	22.9

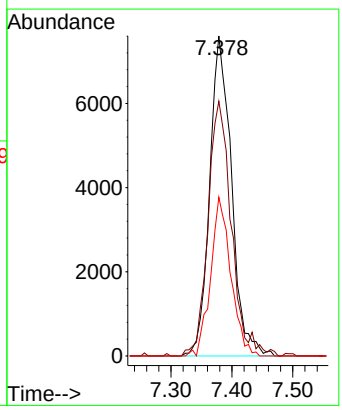


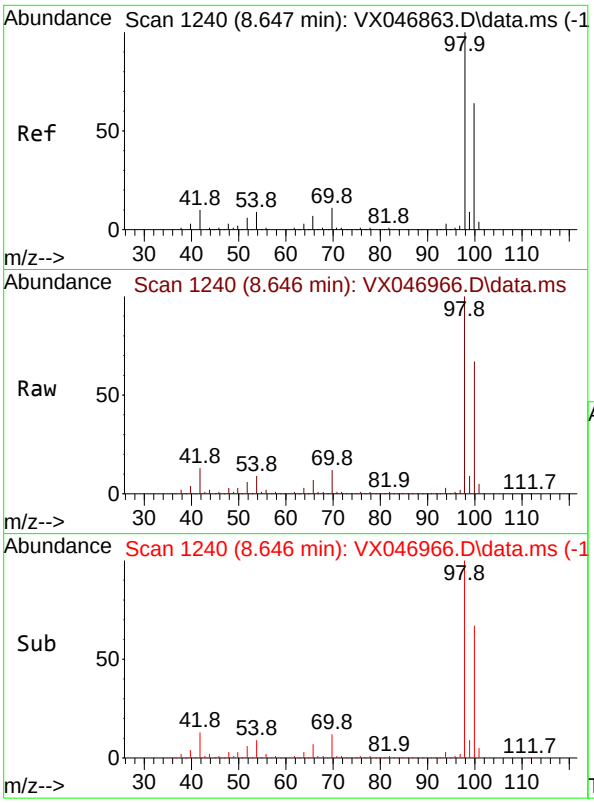


#39
Methylcyclohexane
Concen: 3.080 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 83 Resp: 18925

Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.0	94.4
98	49.6	38.5	57.7



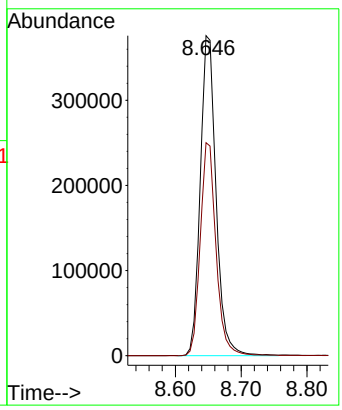


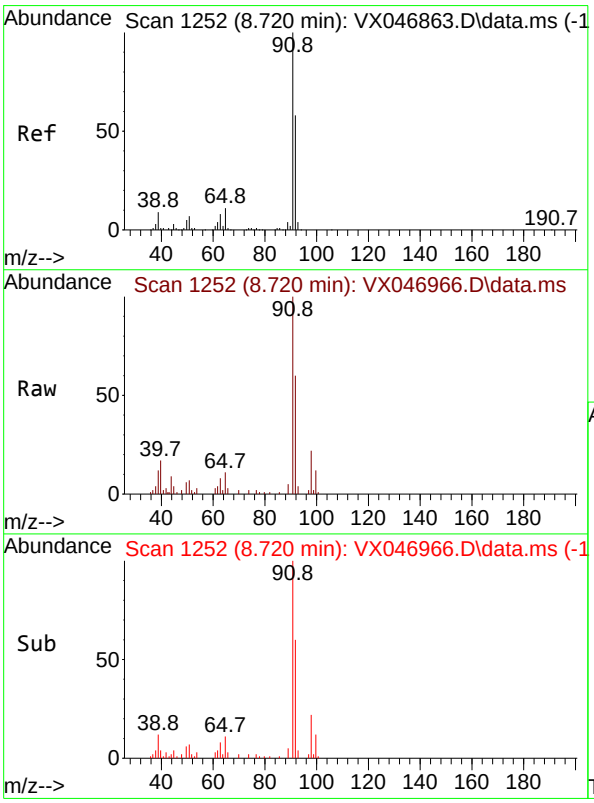
#50
Toluene-d8
Concen: 48.905 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 98 Resp: 628116

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

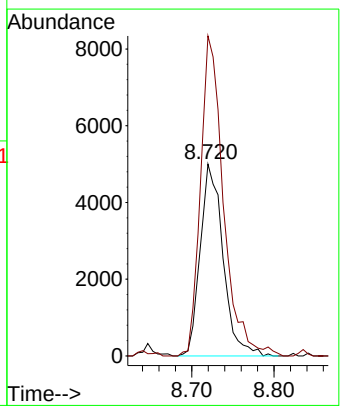


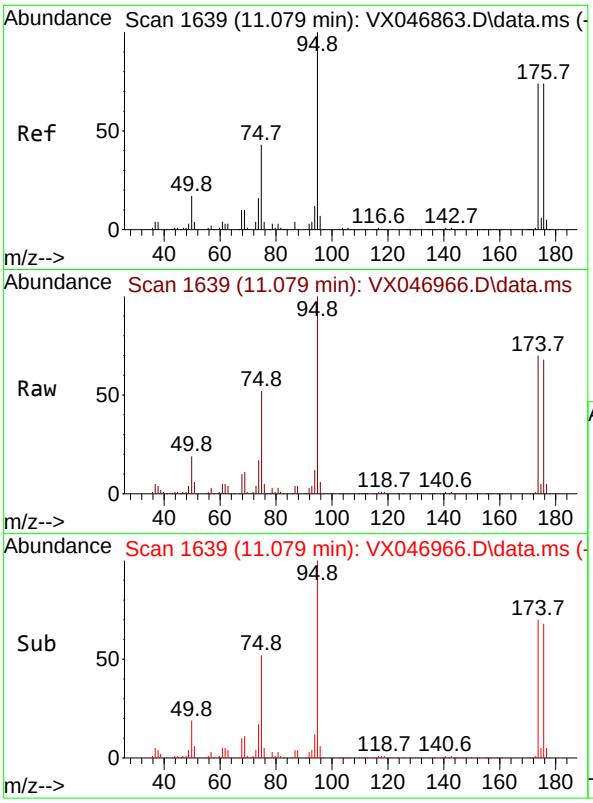


#52
Toluene
Concen: 1.047 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 92 Resp: 9641

Ion	Ratio	Lower	Upper
92	100		
91	167.7	137.9	206.9



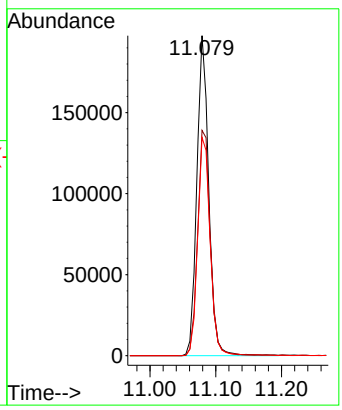


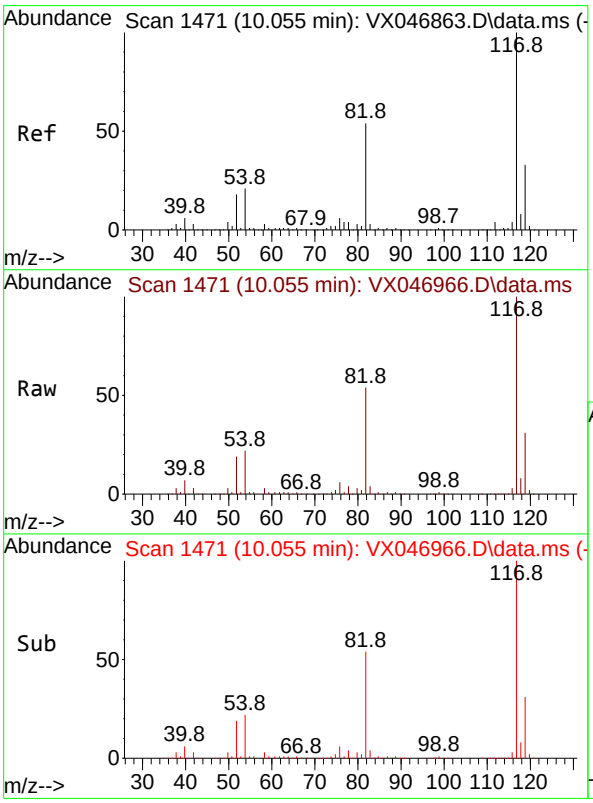
#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 95 Resp: 248231

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	152.0
176	71.6	0.0	145.2

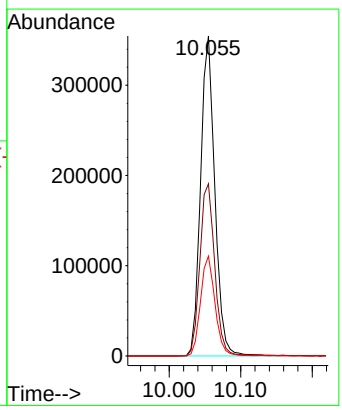


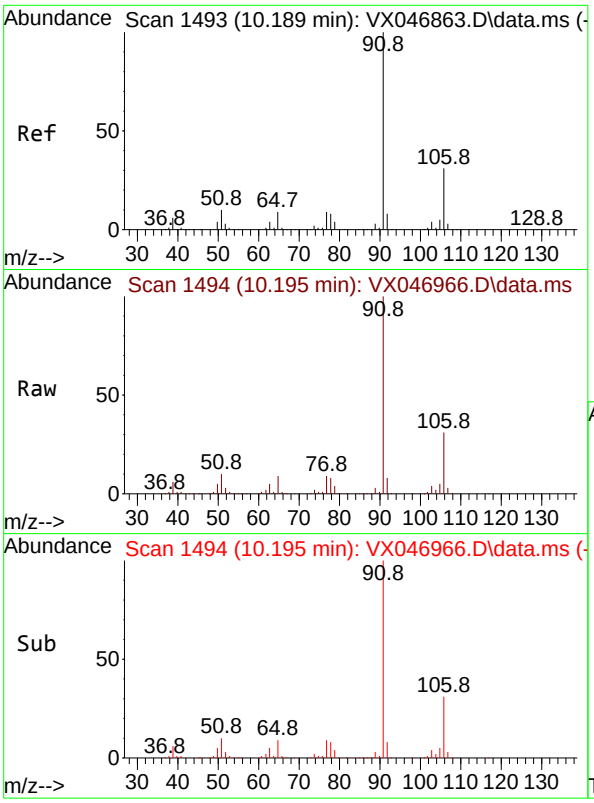


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion:117 Resp: 490599

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.3	64.9
119	31.2	26.4	39.6



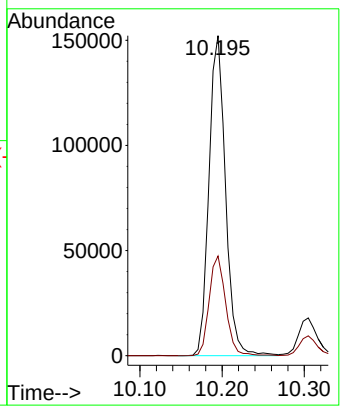


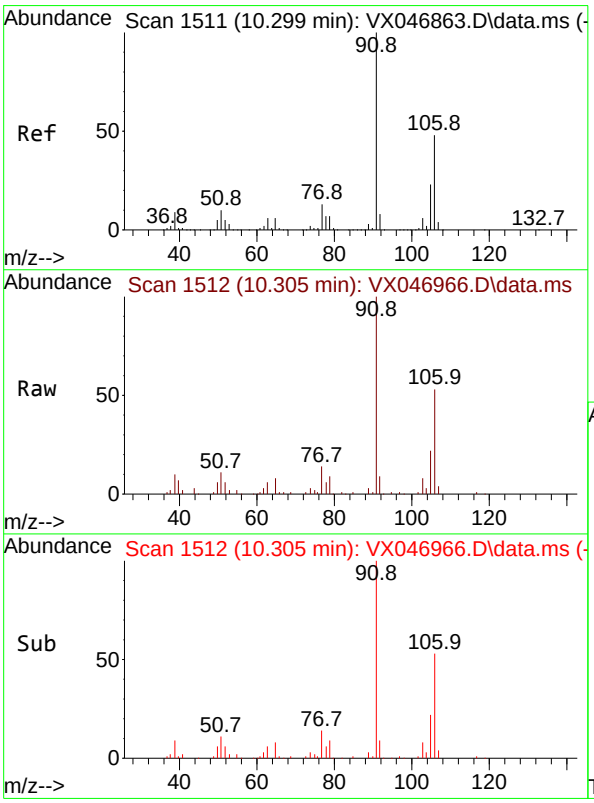
#67
Ethyl Benzene
Concen: 11.740 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 91 Resp: 213257

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6

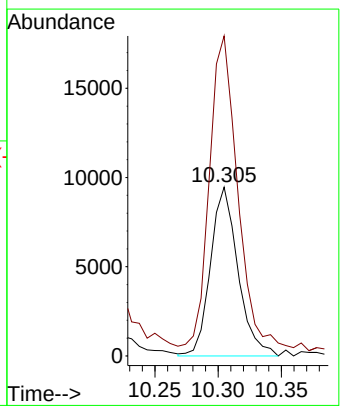


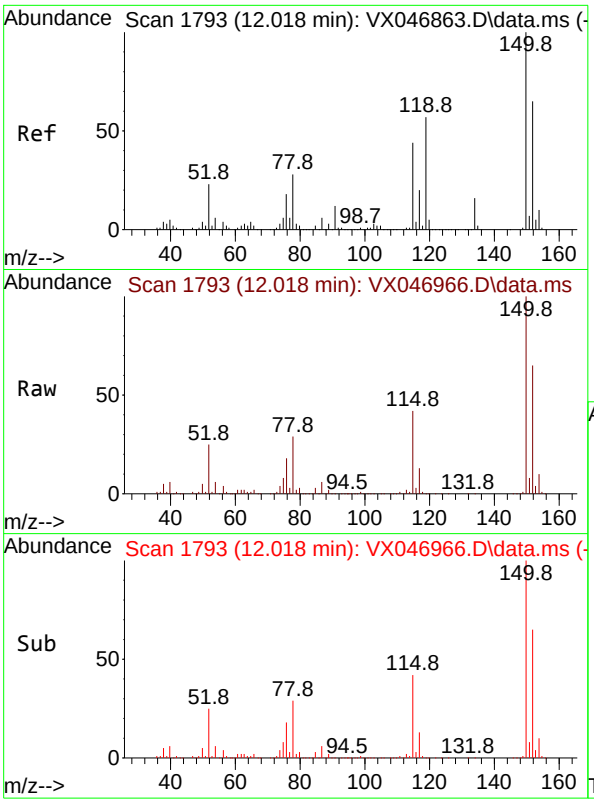


#68
m/p-Xylenes
Concen: 2.090 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion:106 Resp: 14307

Ion	Ratio	Lower	Upper
106	100		
91	202.2	164.6	246.8



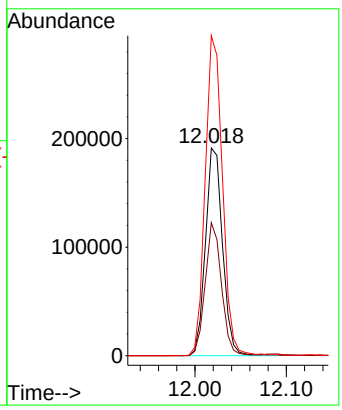


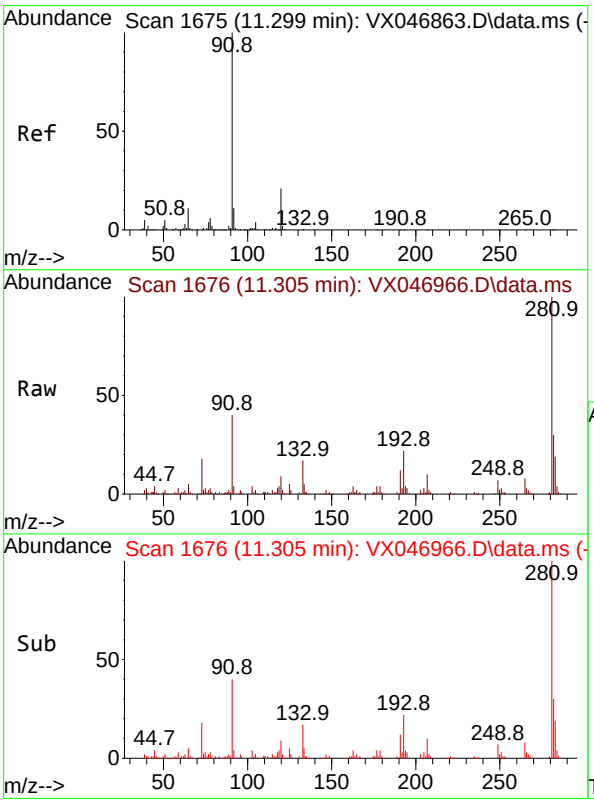
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion:152 Resp: 247915

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.4	127.1
150	155.9	0.0	349.2

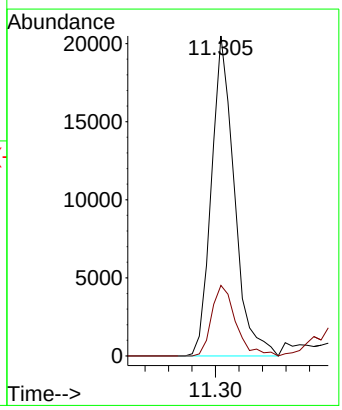


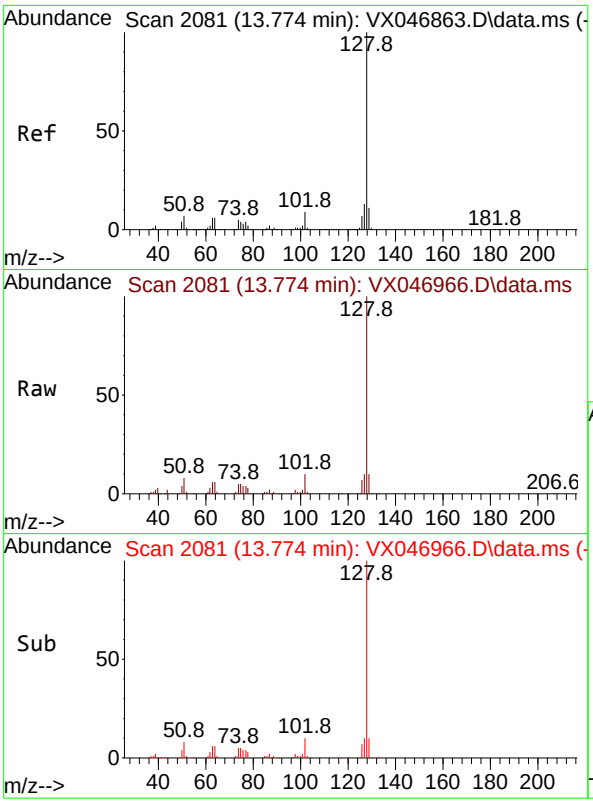


#78
n-propylbenzene
Concen: 1.322 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 91 Resp: 27785

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5



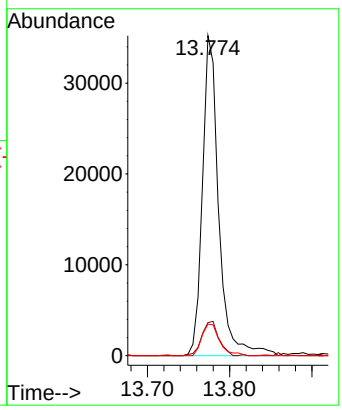


#95
Naphthalene
Concen: 3.434 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion:128 Resp: 48368

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.4
129	10.8	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 11 01:37:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	264865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	461340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	192639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178446	50.997	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.397	113	150084	47.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.860%			
50) Toluene-d8	8.653	98	551801	49.942	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	209010	49.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.540%			
Target Compounds						Qvalue
10) Methyl Iodide	2.477	142	3359	1.038	ug/l	98
20) Methylene Chloride	2.800	84	4732	1.472	ug/l #	91
39) Methylcyclohexane	7.385	83	138585	26.221	ug/l	97
67) Ethyl Benzene	10.195	91	537747	35.598	ug/l	100
68) m/p-Xylenes	10.305	106	244497	42.953	ug/l	100
73) Isopropylbenzene	10.964	105	131839	9.736	ug/l	98
78) n-propylbenzene	11.305	91	537745	32.932	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	729271	66.276	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2871740	258.206	ug/l	98
85) sec-Butylbenzene	11.890	105	78727m	5.494	ug/l	
86) p-Isopropyltoluene	12.006	119	57560	4.797	ug/l	97
89) n-Butylbenzene	12.329	91	188897m	16.754	ug/l	
94) Hexachlorobutadiene	13.719	225	2078	1.327	ug/l	95
95) Naphthalene	13.774	128	492847	45.035	ug/l	98

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

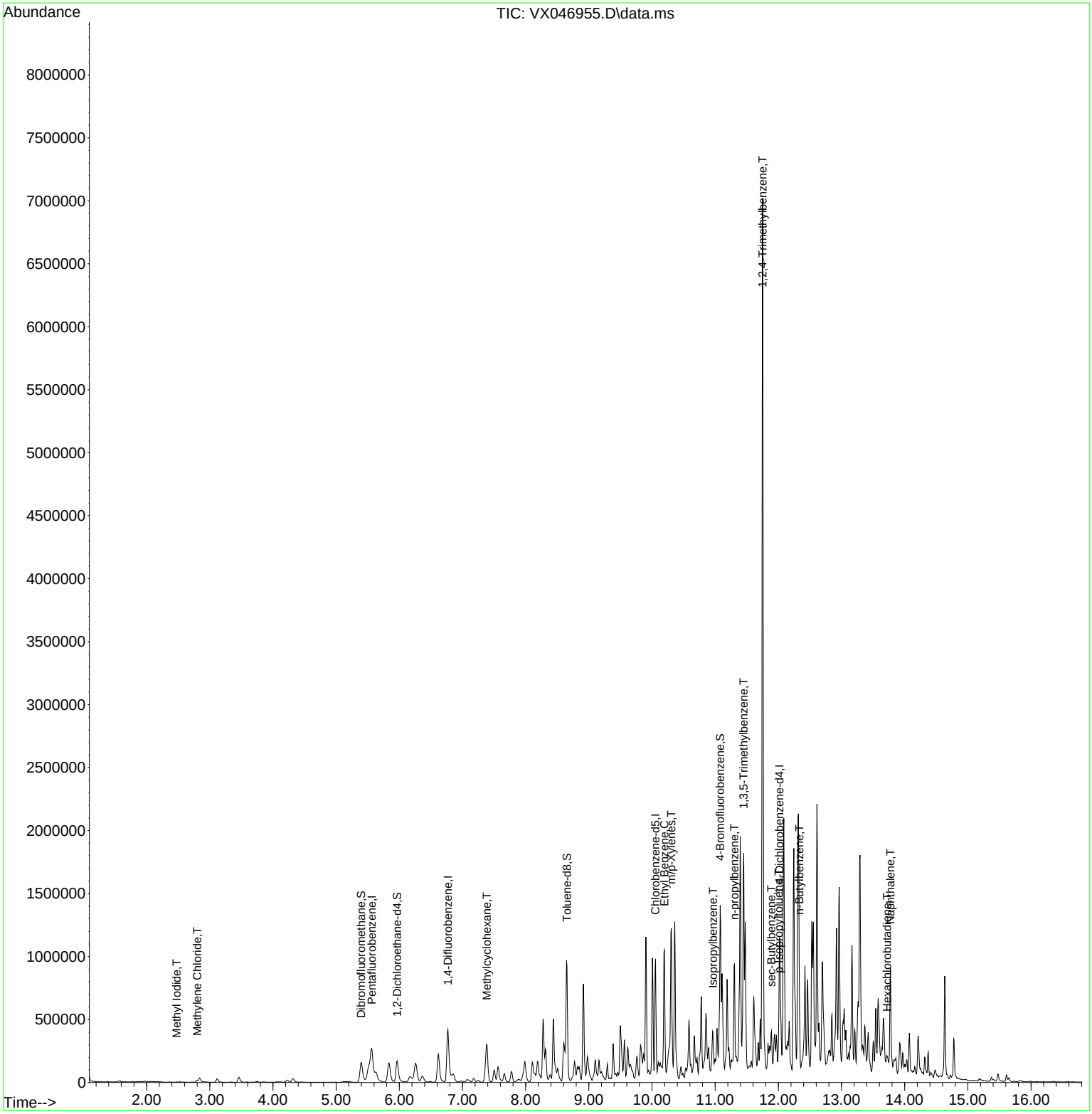
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

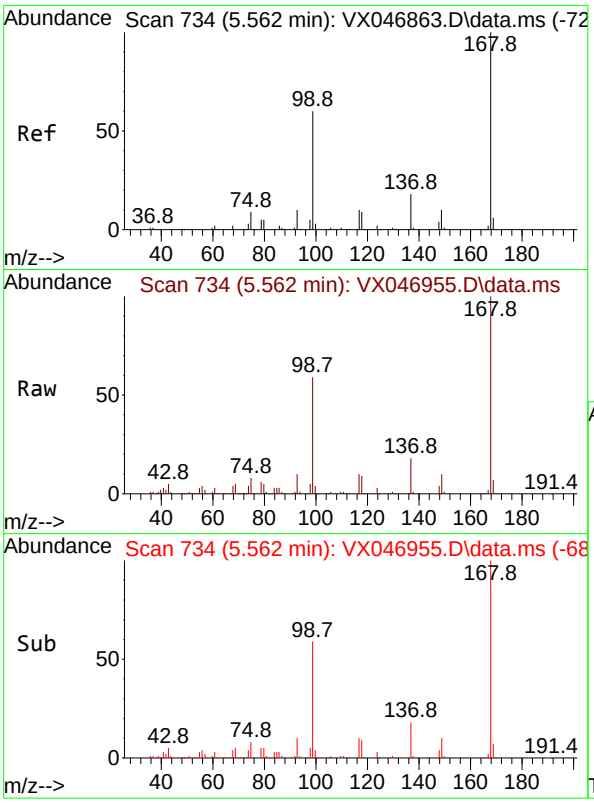
Quant Time: Jul 11 01:37:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

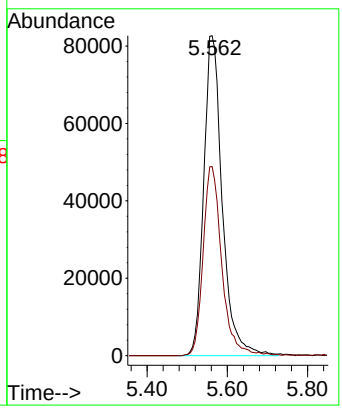




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:168 Resp: 26486

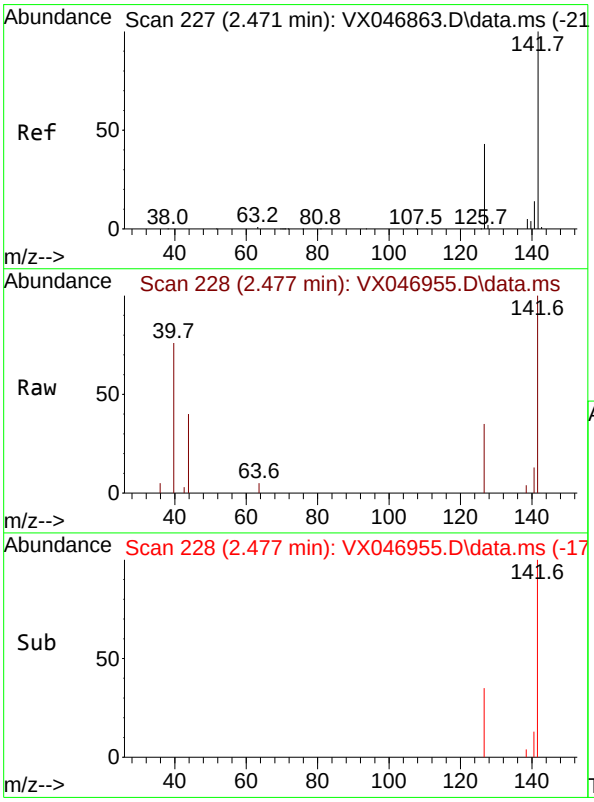
Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

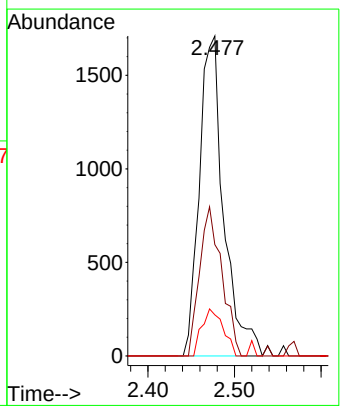
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

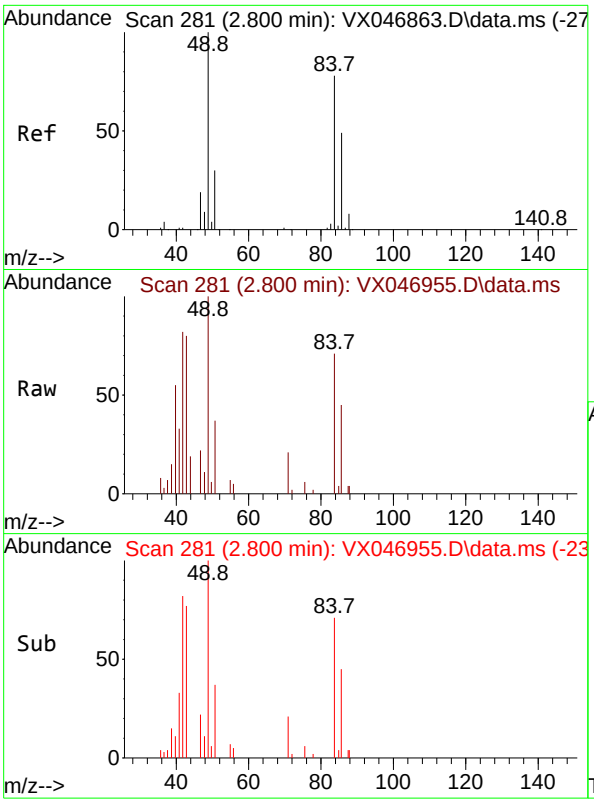


#10
Methyl Iodide
Concen: 1.038 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:142 Resp: 3359

Ion	Ratio	Lower	Upper
142	100		
127	42.2	34.9	52.3
141	12.9	11.1	16.7

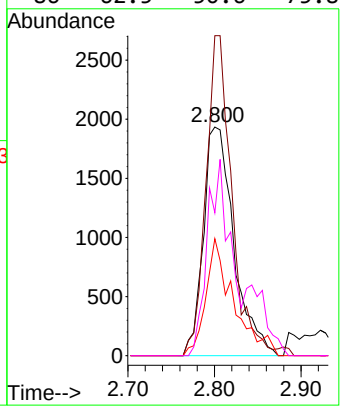




#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 2.800 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 84 Resp: 473

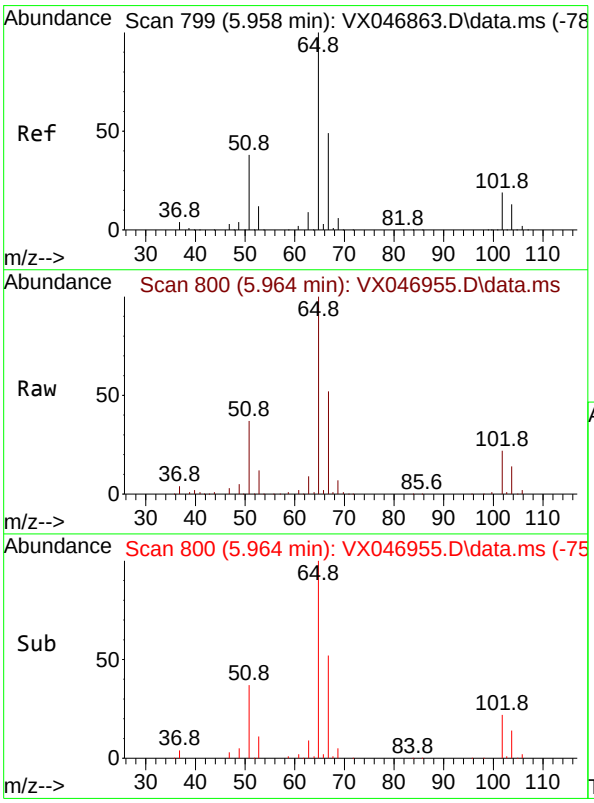
Ion	Ratio	Lower	Upper
84	100		
49	140.0	102.8	154.2
51	51.1	31.1	46.7#
86	62.5	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

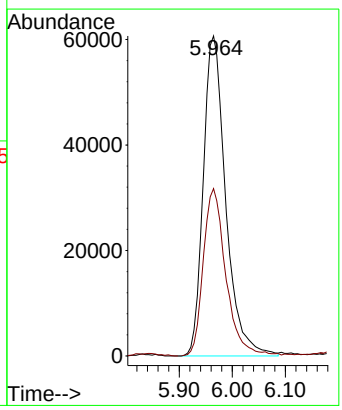
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

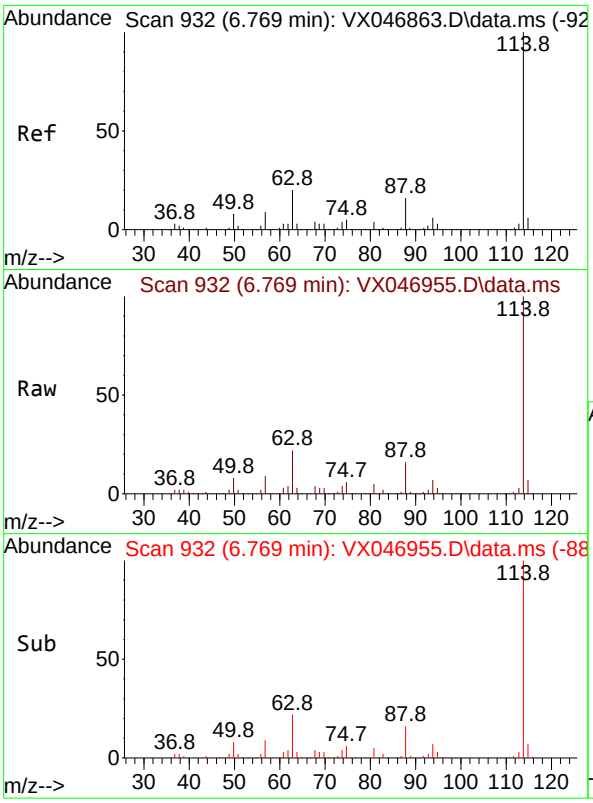


#33
1,2-Dichloroethane-d4
Concen: 50.997 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 65 Resp: 178446

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2

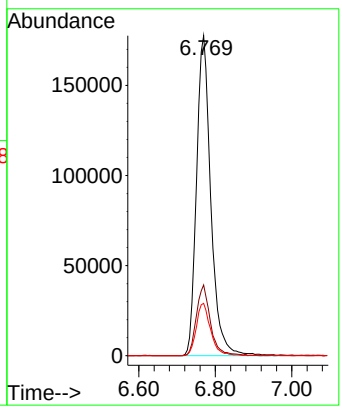




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:114 Resp: 46134

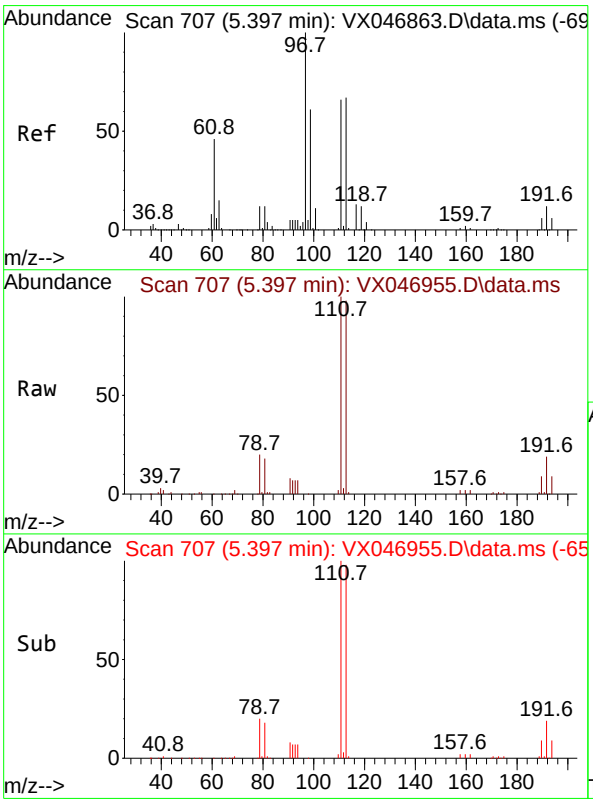
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.4
88	16.4	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

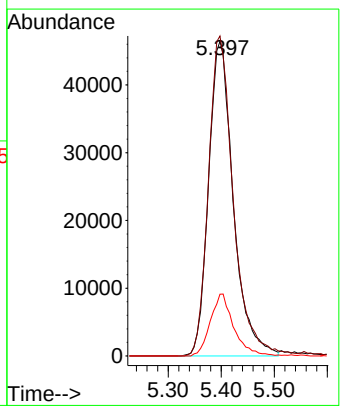
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

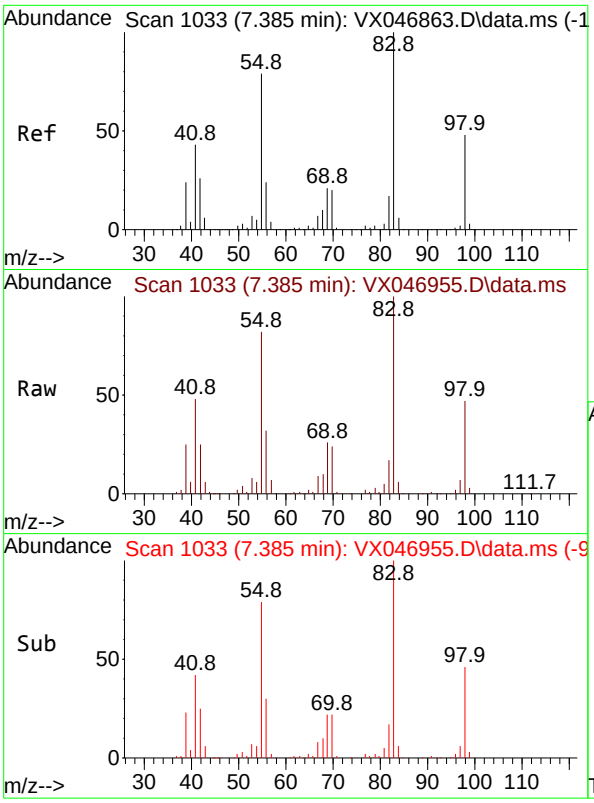


#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:113 Resp: 150084

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.2	121.8
192	18.8	15.3	22.9





#39
Methylcyclohexane
Concen: 26.221 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

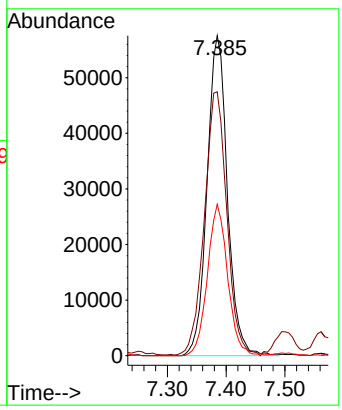
Tgt Ion: 83 Resp: 13858

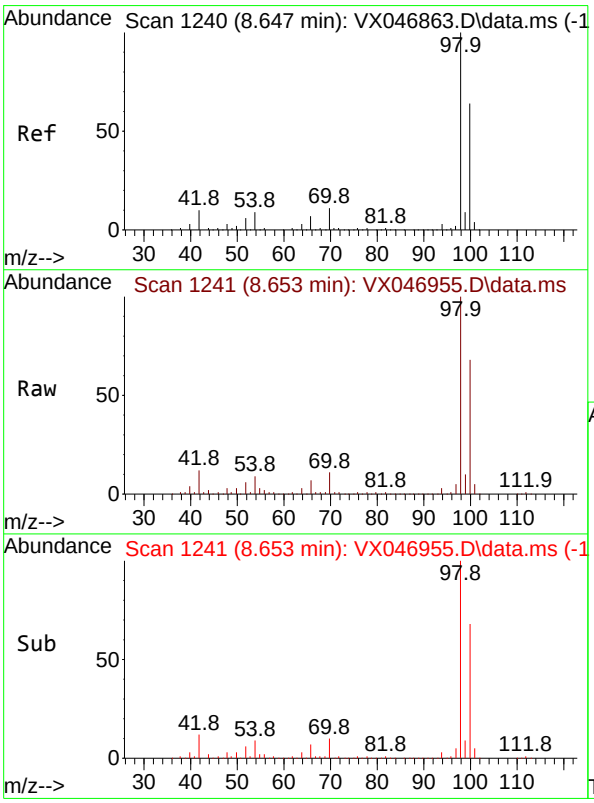
Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.0	94.4
98	47.3	38.5	57.7

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

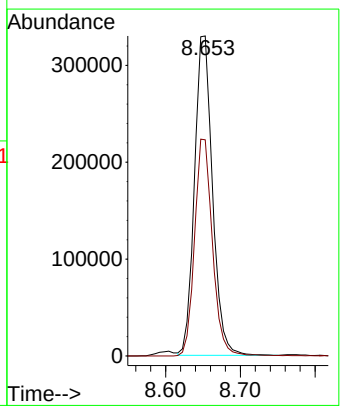


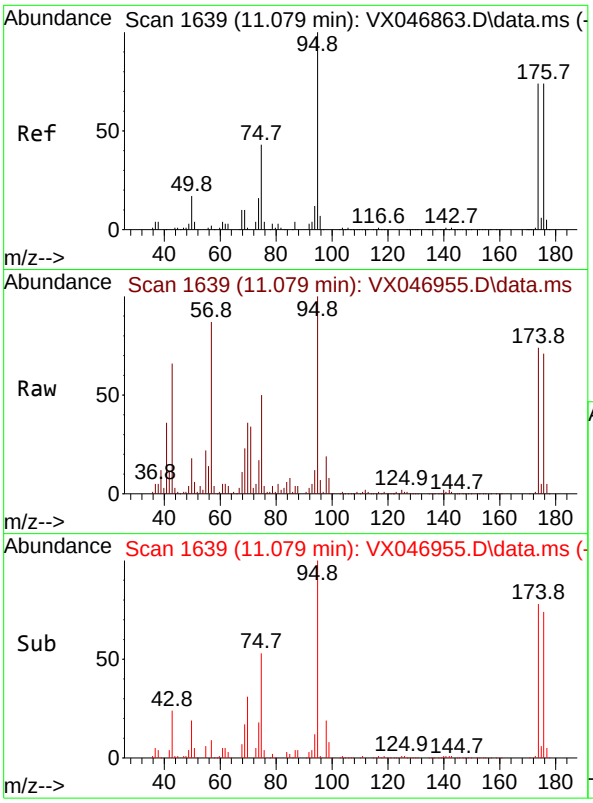


#50
Toluene-d8
Concen: 49.942 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 98 Resp: 551801

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.6

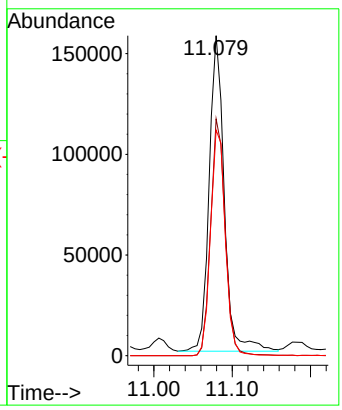




#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 95 Resp: 20901

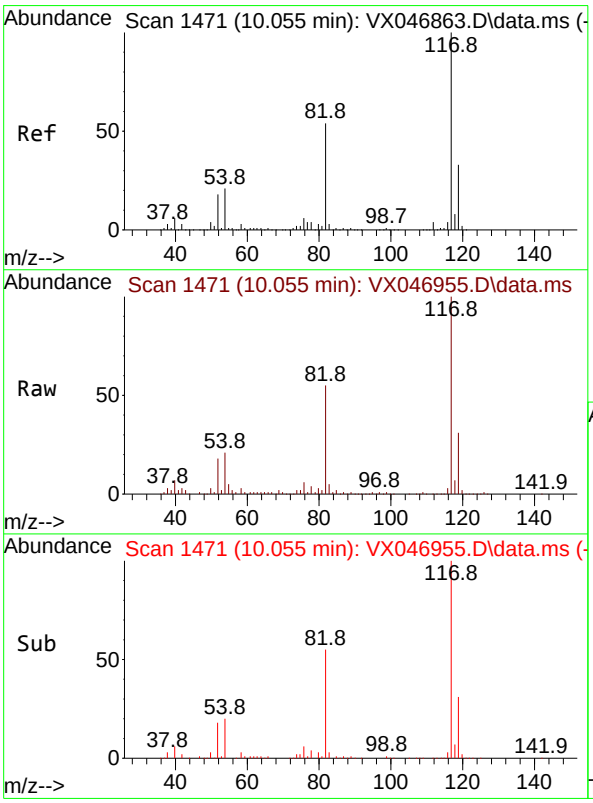
Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	152.0
176	70.4	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

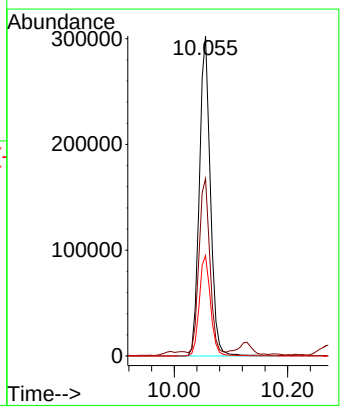
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

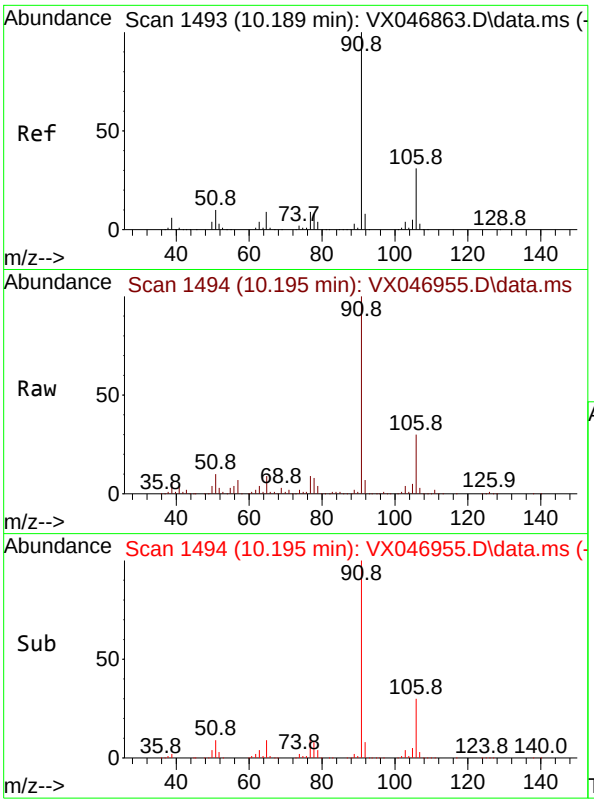


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:117 Resp: 407988

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	31.4	26.4	39.6

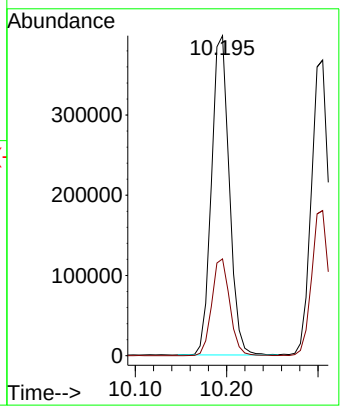




#67
Ethyl Benzene
Concen: 35.598 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 91 Resp: 53774

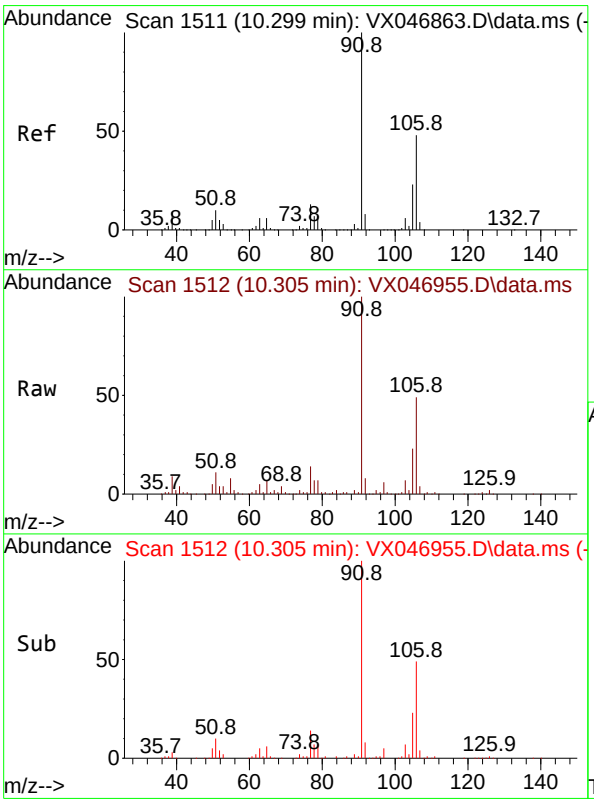
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

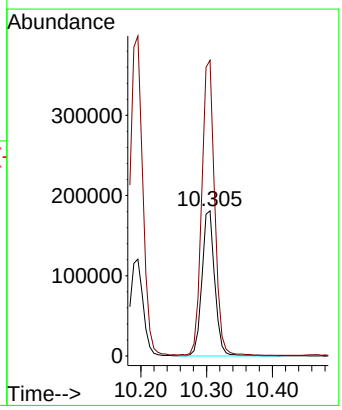
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

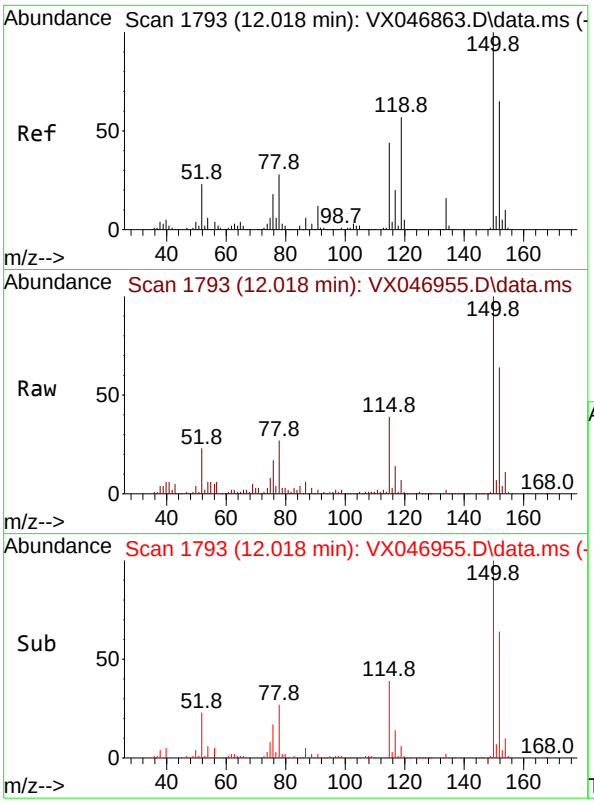


#68
m/p-Xylenes
Concen: 42.953 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:106 Resp: 244497

Ion	Ratio	Lower	Upper
106	100		
91	205.5	164.6	246.8

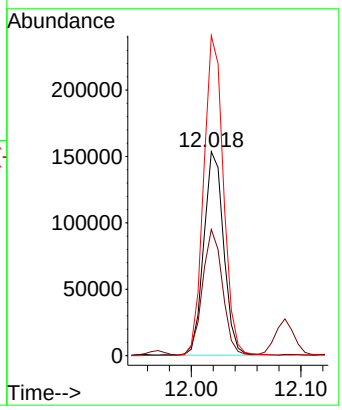




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:152 Resp: 19263

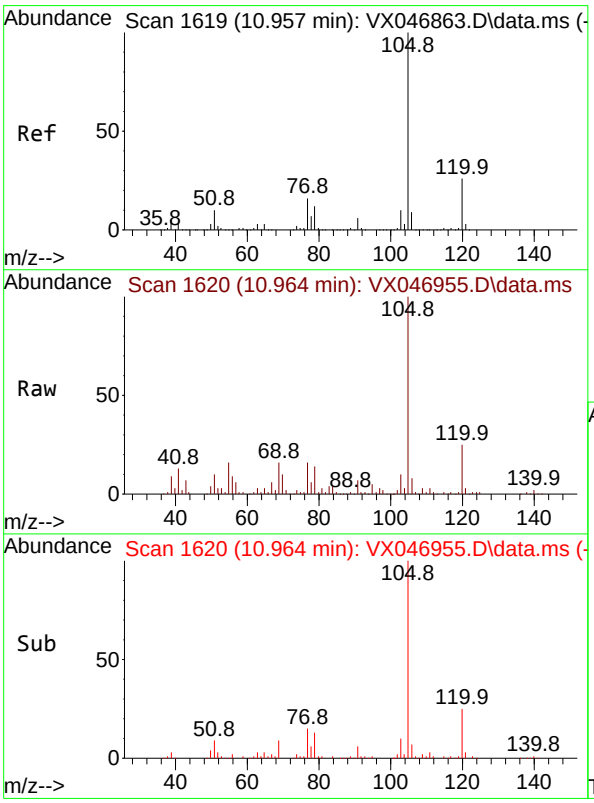
Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.4	127.1
150	157.1	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

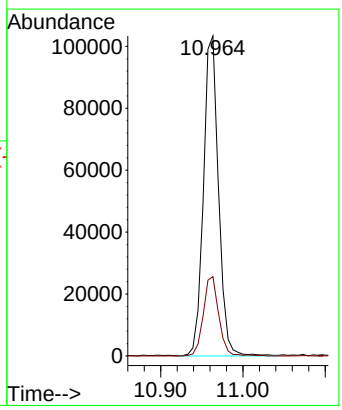
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

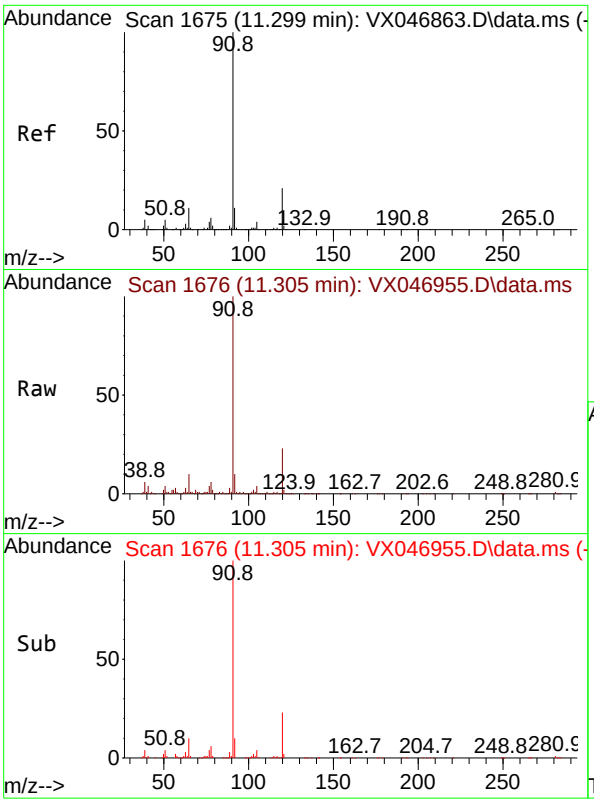


#73
Isopropylbenzene
Concen: 9.736 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:105 Resp: 131839

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.2	39.5

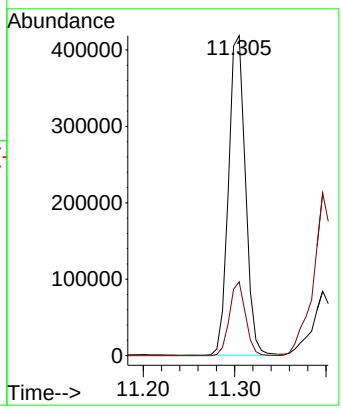




#78
n-propylbenzene
Concen: 32.932 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 91 Resp: 53774

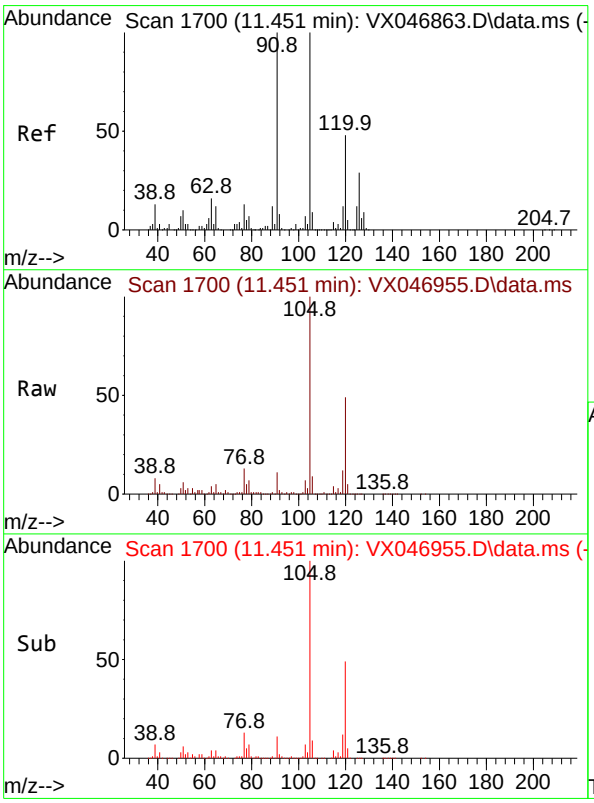
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

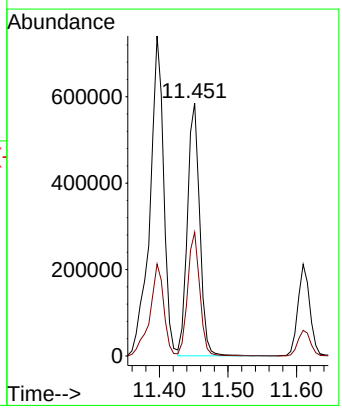
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

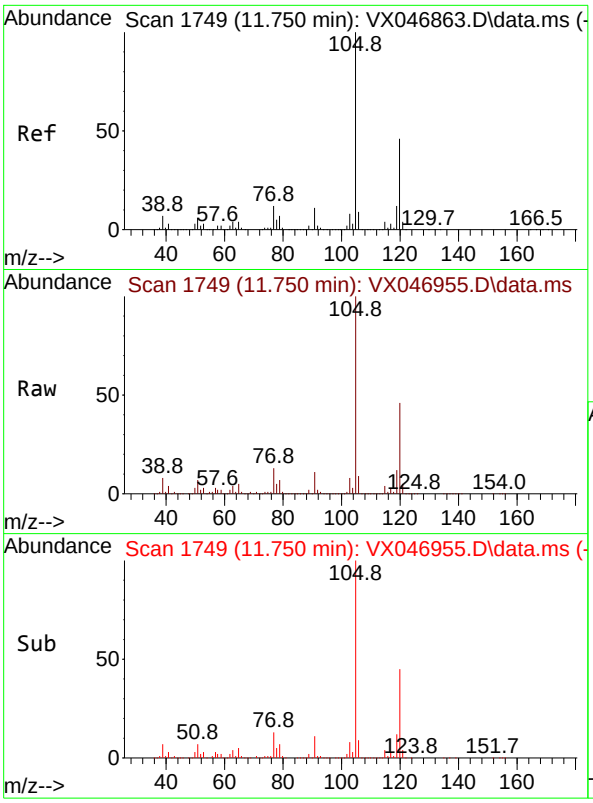


#80
1,3,5-Trimethylbenzene
Concen: 66.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:105 Resp: 729271

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.4





#84
1,2,4-Trimethylbenzene
Concen: 258.206 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

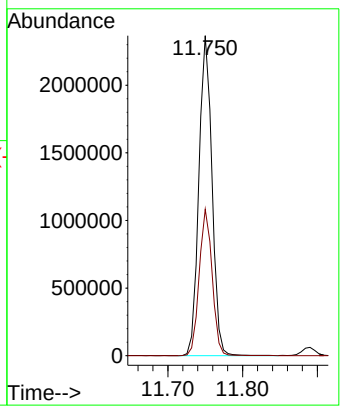
Tgt Ion:105 Resp: 287174

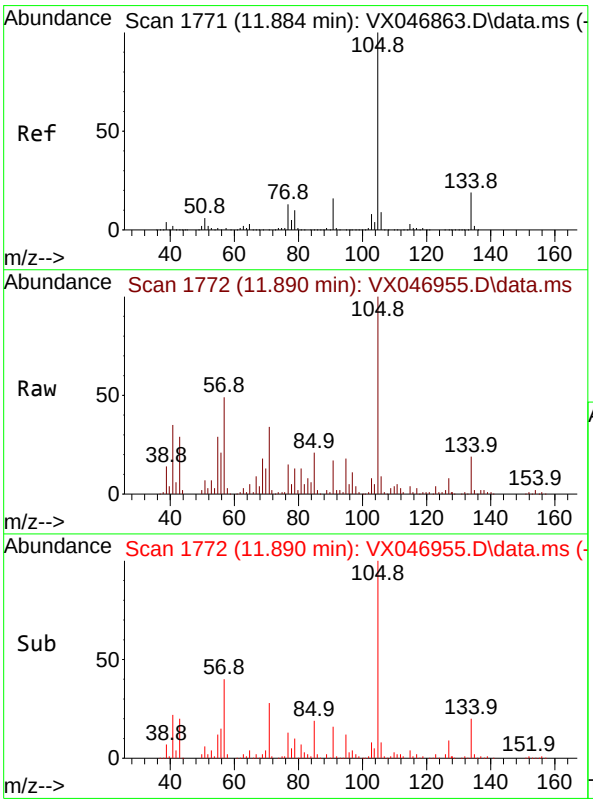
Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.3	69.8

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

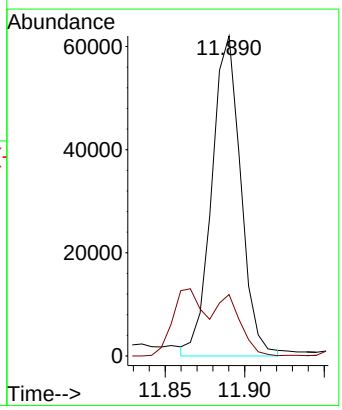


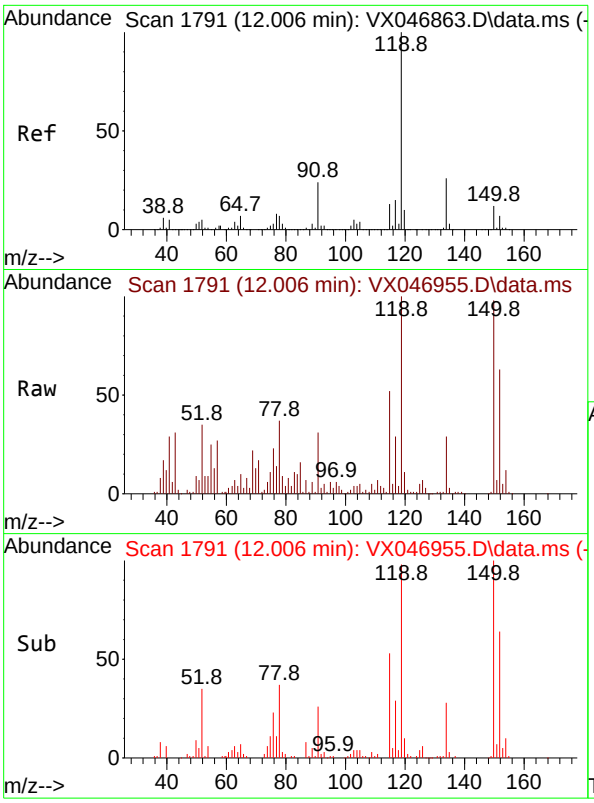


#85
sec-Butylbenzene
Concen: 5.494 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:105 Resp: 78727

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

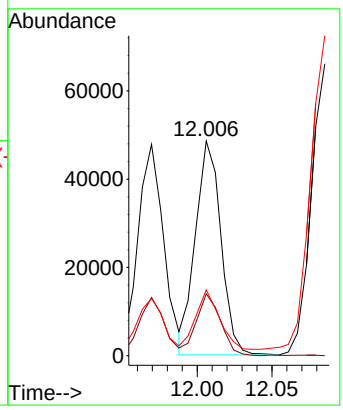




#86
p-Isopropyltoluene
Concen: 4.797 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:119 Resp: 5756

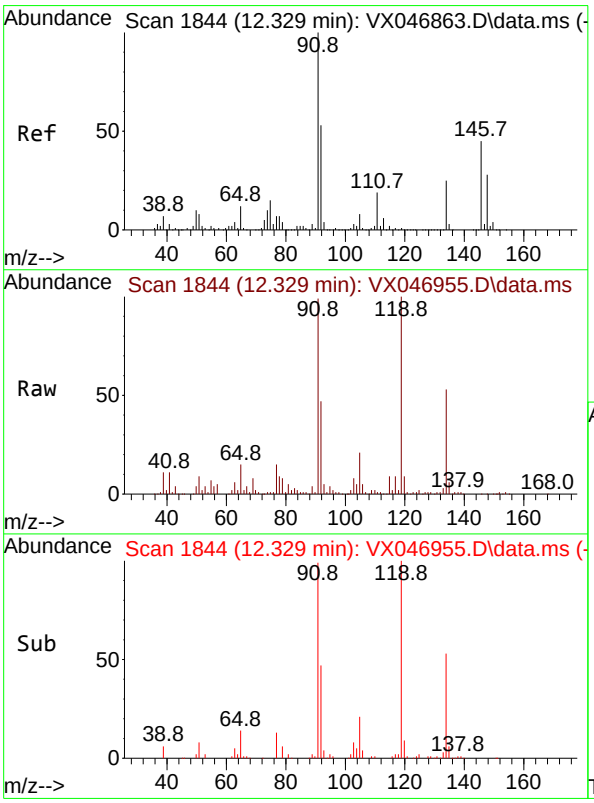
Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.0	39.0
91	25.6	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

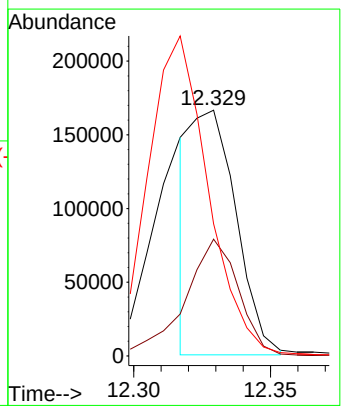
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

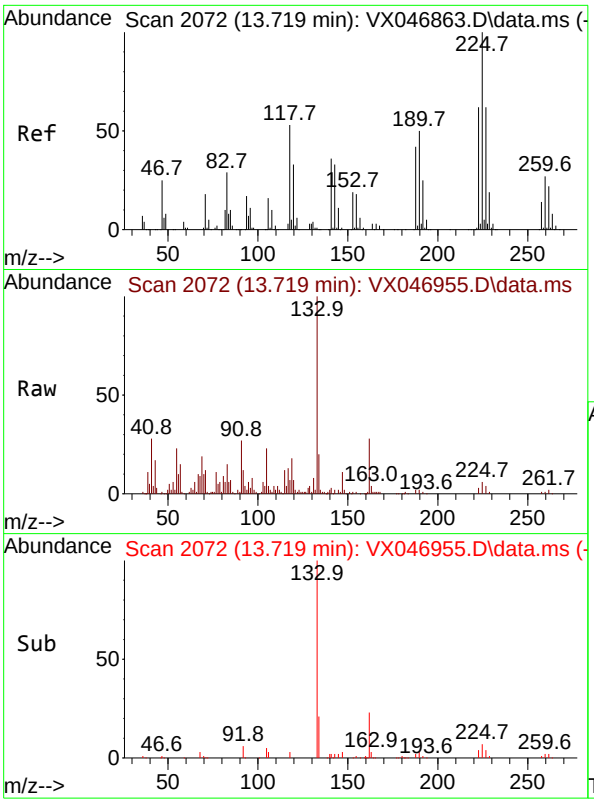


#89
n-Butylbenzene
Concen: 16.754 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 91 Resp: 188897

Ion	Ratio	Lower	Upper
91	100		
92	57.5	27.0	81.0
134	175.2	12.8	38.4#

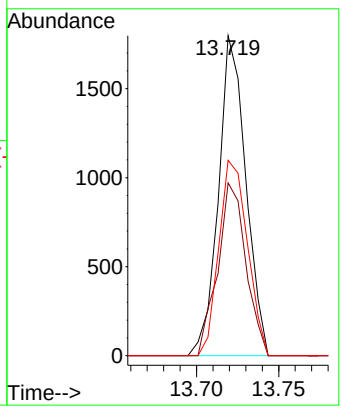




#94
Hexachlorobutadiene
Concen: 1.327 ug/l
RT: 13.719 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:225 Resp: 207

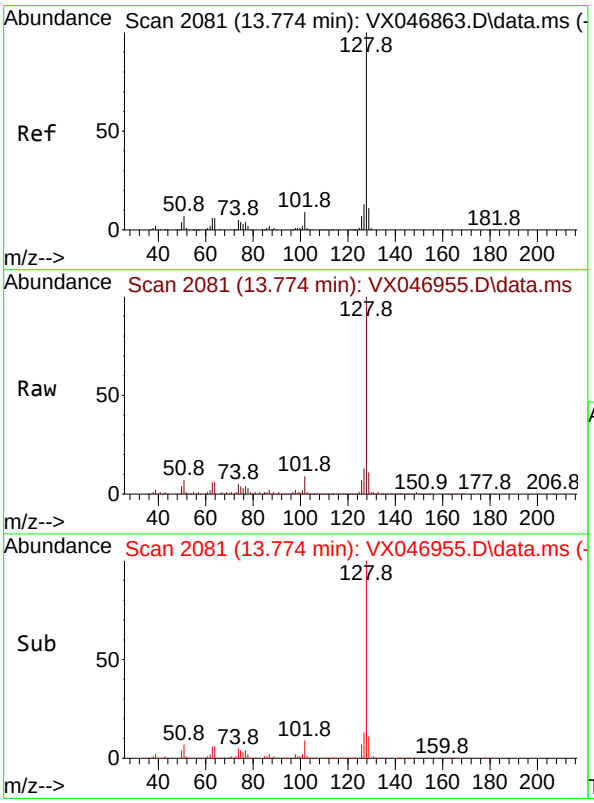
Ion	Ratio	Lower	Upper
225	100		
223	55.6	31.6	94.7
227	63.7	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

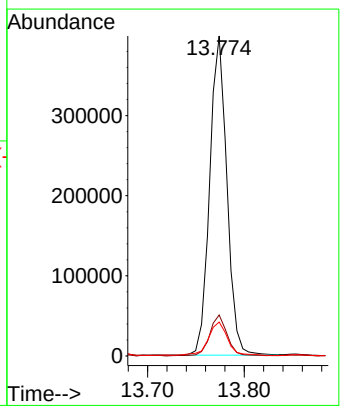
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#95
Naphthalene
Concen: 45.035 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:128 Resp: 492847

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.9	8.6	13.0



Sample Results: **VX046955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	692	707	716	rBV3	157158	498805	5.80%	0.549%
2	5.556	717	733	742	rBV2	246675	1042067	12.12%	1.147%
3	5.830	767	778	792	rBV2	151849	488955	5.69%	0.538%
4	5.964	792	800	819	rVV	168402	494202	5.75%	0.544%
5	6.257	840	848	858	rVV2	149262	499419	5.81%	0.550%
6	6.617	896	907	924	rBV2	221032	606106	7.05%	0.667%
7	6.769	924	932	941	rBV	413318	1079051	12.55%	1.188%
8	7.385	1021	1033	1045	rBV3	300745	804248	9.35%	0.886%
9	7.501	1045	1052	1057	rBV	94537	202408	2.35%	0.223%
10	7.562	1057	1062	1073	rVV	116626	270291	3.14%	0.298%
11	7.775	1089	1097	1105	rVB2	82435	182473	2.12%	0.201%
12	7.988	1122	1132	1144	rVB2	159688	454901	5.29%	0.501%
13	8.104	1144	1151	1156	rBV2	156847	352541	4.10%	0.388%
14	8.190	1160	1165	1170	rVV2	147438	318032	3.70%	0.350%
15	8.275	1174	1179	1183	rVV	484329	866137	10.07%	0.954%
16	8.312	1183	1185	1192	rVB	242510	373910	4.35%	0.412%
17	8.440	1201	1206	1214	rBV	472067	906017	10.54%	0.998%
18	8.507	1214	1217	1227	rVB3	99826	207891	2.42%	0.229%
19	8.604	1227	1233	1236	rBV3	303869	628061	7.30%	0.692%
20	8.647	1236	1240	1250	rVB	952533	1671513	19.44%	1.841%
21	8.775	1250	1261	1265	rBV2	150719	328921	3.82%	0.362%
22	8.848	1270	1273	1278	rVB	101706	157174	1.83%	0.173%
23	8.915	1278	1284	1290	rBV	759018	1238073	14.40%	1.363%
24	8.976	1290	1294	1306	rVB3	190468	460483	5.35%	0.507%
25	9.104	1306	1315	1320	rBV2	161954	364176	4.23%	0.401%
26	9.159	1320	1324	1328	rBV	116668	153672	1.79%	0.169%
27	9.293	1340	1346	1350	rBV	123216	169363	1.97%	0.186%
28	9.385	1355	1361	1366	rBV2	279393	440501	5.12%	0.485%
29	9.500	1375	1380	1386	rBV2	391438	765952	8.91%	0.843%
30	9.561	1386	1390	1394	rVB	286777	391595	4.55%	0.431%
31	9.616	1394	1399	1403	rBV2	234407	410577	4.77%	0.452%
32	9.653	1403	1405	1416	rVB6	111336	294194	3.42%	0.324%
33	9.763	1416	1423	1428	rBV3	173894	339696	3.95%	0.374%
34	9.817	1428	1432	1437	rBV2	238850	489846	5.70%	0.539%
35	9.866	1437	1440	1442	rVV2	146734	215199	2.50%	0.237%
36	9.903	1442	1446	1451	rVB	1075433	1491612	17.35%	1.642%

Sample Results: **VX046955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

37	10.006	1458	1463	1467	rBV	918289	1187934	13.81%	1.308%
38	10.055	1467	1471	1475	rVB	900347	1149047	13.36%	1.265%
39	10.195	1489	1494	1499	rVB	970126	1364606	15.87%	1.503%
40	10.305	1507	1512	1517	rVB2	1104118	1670424	19.42%	1.839%
41	10.360	1517	1521	1532	rVB	1247604	1884984	21.92%	2.076%
42	10.586	1552	1558	1562	rBV2	405194	586317	6.82%	0.646%
43	10.671	1566	1572	1577	rBV	293079	497521	5.79%	0.548%
44	10.781	1582	1590	1594	rBV	611573	999044	11.62%	1.100%
45	10.854	1594	1602	1606	rBV2	435366	743475	8.65%	0.819%
46	10.897	1606	1609	1614	rVB	186340	257029	2.99%	0.283%
47	10.957	1614	1619	1623	rBV	316100	496767	5.78%	0.547%
48	11.031	1627	1631	1634	rBV2	259258	317459	3.69%	0.350%
49	11.079	1634	1639	1642	rBV2	1199528	1752193	20.38%	1.929%
50	11.110	1642	1644	1650	rVB2	756202	993423	11.55%	1.094%
51	11.189	1650	1657	1660	rBV	710367	969992	11.28%	1.068%
52	11.305	1672	1676	1679	rBV	769837	947713	11.02%	1.044%
53	11.396	1684	1691	1695	rVV	1842505	2738000	31.84%	3.015%
54	11.451	1695	1700	1702	rVV	1708320	2443476	28.41%	2.691%
55	11.476	1702	1704	1710	rVB2	1164724	1286244	14.96%	1.416%
56	11.610	1722	1726	1734	rBV	556915	950762	11.06%	1.047%
57	11.683	1734	1738	1740	rBV	181141	210472	2.45%	0.232%
58	11.713	1740	1743	1745	rVV	345404	366509	4.26%	0.404%
59	11.750	1745	1749	1759	rVB	6906299	8599612	100.00%	9.469%
60	11.835	1759	1763	1765	rBV	204827	257157	2.99%	0.283%
61	11.890	1769	1772	1776	rVB	263107	310387	3.61%	0.342%
62	11.939	1776	1780	1783	rBV3	234470	390933	4.55%	0.430%
63	11.969	1783	1785	1788	rVB2	214115	207376	2.41%	0.228%
64	12.018	1788	1793	1799	rBV3	986323	1650666	19.19%	1.818%
65	12.085	1799	1804	1809	rBV	1883193	2773379	32.25%	3.054%
66	12.171	1816	1818	1825	rVB2	384923	449119	5.22%	0.495%
67	12.244	1825	1830	1837	rBV3	1756937	2842422	33.05%	3.130%
68	12.317	1837	1842	1848	rVB3	2018973	3353574	39.00%	3.693%
69	12.421	1848	1859	1862	rBV2	806733	1229953	14.30%	1.354%
70	12.463	1862	1866	1872	rVB	691421	963572	11.20%	1.061%
71	12.530	1872	1877	1879	rBV	1154570	1577018	18.34%	1.736%
72	12.555	1879	1881	1886	rVV	1133176	1335875	15.53%	1.471%
73	12.610	1886	1890	1894	rVV	2066074	2608391	30.33%	2.872%
74	12.640	1894	1895	1899	rVV	323404	293614	3.41%	0.323%
75	12.695	1899	1904	1913	rVB3	813788	1531373	17.81%	1.686%
76	12.847	1925	1929	1932	rVV	381720	452546	5.26%	0.498%

Sample Results: **VX046955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

77	12.921	1932	1941	1944	rVV	1051516	1608649	18.71%	1.771%
78	12.963	1944	1948	1954	rVB	1385300	1913110	22.25%	2.107%
79	13.024	1954	1958	1959	rBV	316965	393924	4.58%	0.434%
80	13.042	1959	1961	1963	rVV2	398797	431861	5.02%	0.476%
81	13.067	1963	1965	1968	rVB	225151	216865	2.52%	0.239%
82	13.164	1977	1981	1985	rVB2	907076	1132432	13.17%	1.247%
83	13.207	1985	1988	1992	rVB2	262331	303992	3.53%	0.335%
84	13.262	1992	1997	1998	rBV3	488231	715895	8.32%	0.788%
85	13.292	1998	2002	2007	rVB2	1546114	2226717	25.89%	2.452%
86	13.366	2012	2014	2019	rVB2	278188	347273	4.04%	0.382%
87	13.420	2019	2023	2031	rVB4	310573	578208	6.72%	0.637%
88	13.500	2032	2036	2039	rBV2	236190	345743	4.02%	0.381%
89	13.542	2039	2043	2046	rBV	420290	511185	5.94%	0.563%
90	13.579	2046	2049	2055	rVB3	454017	726718	8.45%	0.800%
91	13.664	2060	2063	2069	rVV2	375374	634245	7.38%	0.698%
92	13.713	2069	2071	2077	rVV3	82738	164627	1.91%	0.181%
93	13.774	2077	2081	2087	rVB	778974	1018474	11.84%	1.121%
94	13.920	2099	2105	2110	rBV4	242483	473520	5.51%	0.521%
95	14.073	2126	2130	2134	rBV2	308114	360221	4.19%	0.397%
96	14.213	2148	2153	2158	rBV	301175	484944	5.64%	0.534%
97	14.317	2167	2170	2176	rBV	139604	199215	2.32%	0.219%
98	14.371	2176	2179	2183	rVB	183915	219101	2.55%	0.241%
99	14.634	2214	2222	2227	rBV	798847	1033517	12.02%	1.138%
100	14.774	2239	2245	2254	rVB	318536	477546	5.55%	0.526%

Sum of corrected areas: 90816402

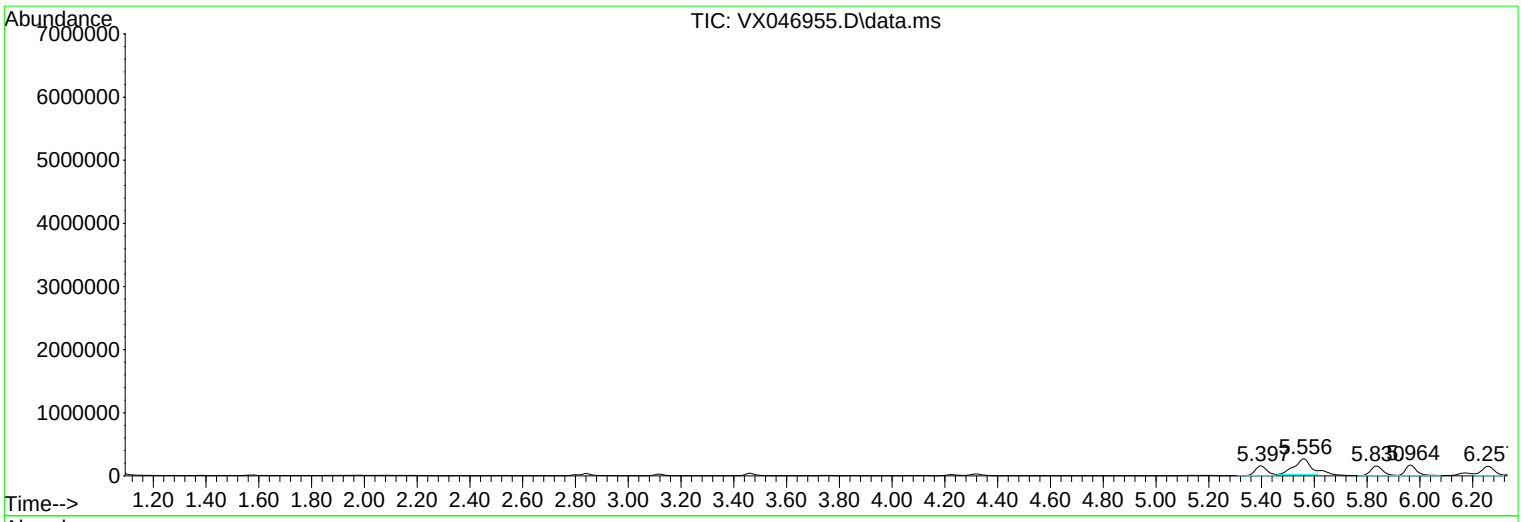
Sample Results: **VX046955.D**

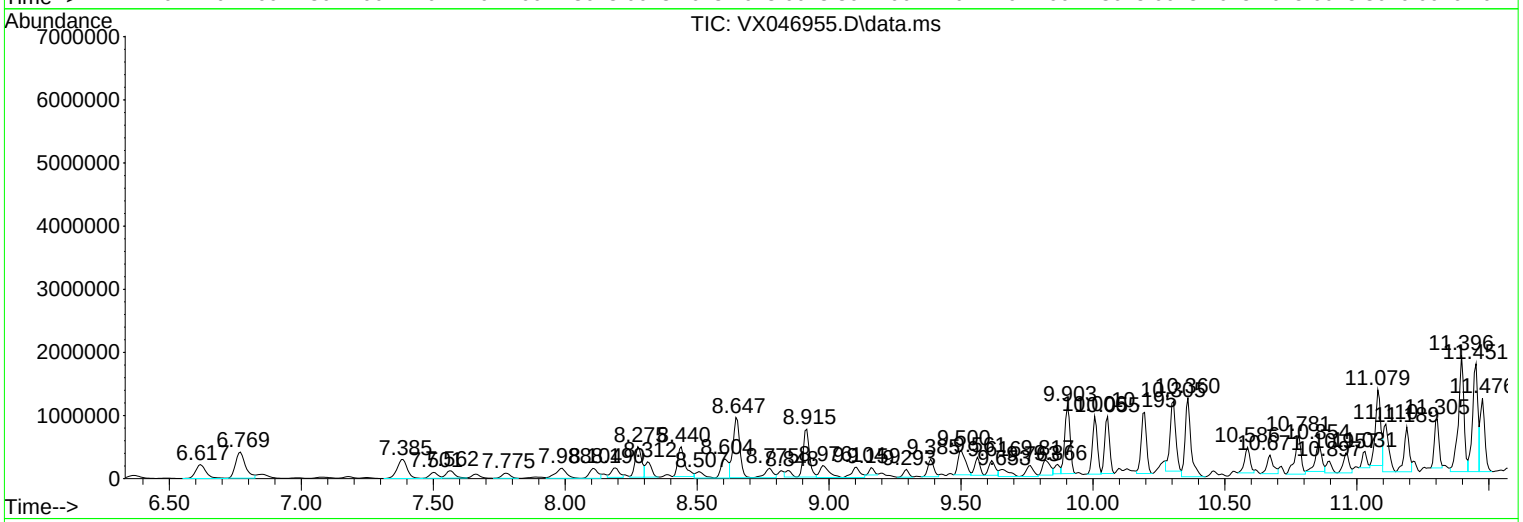
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

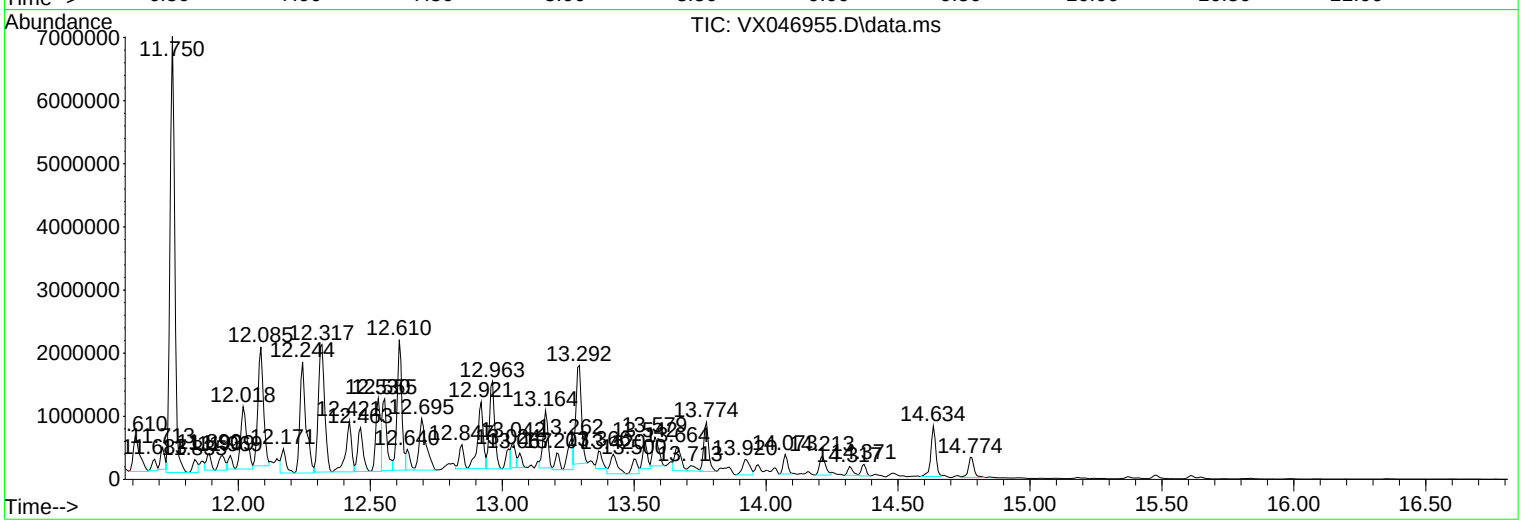
Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

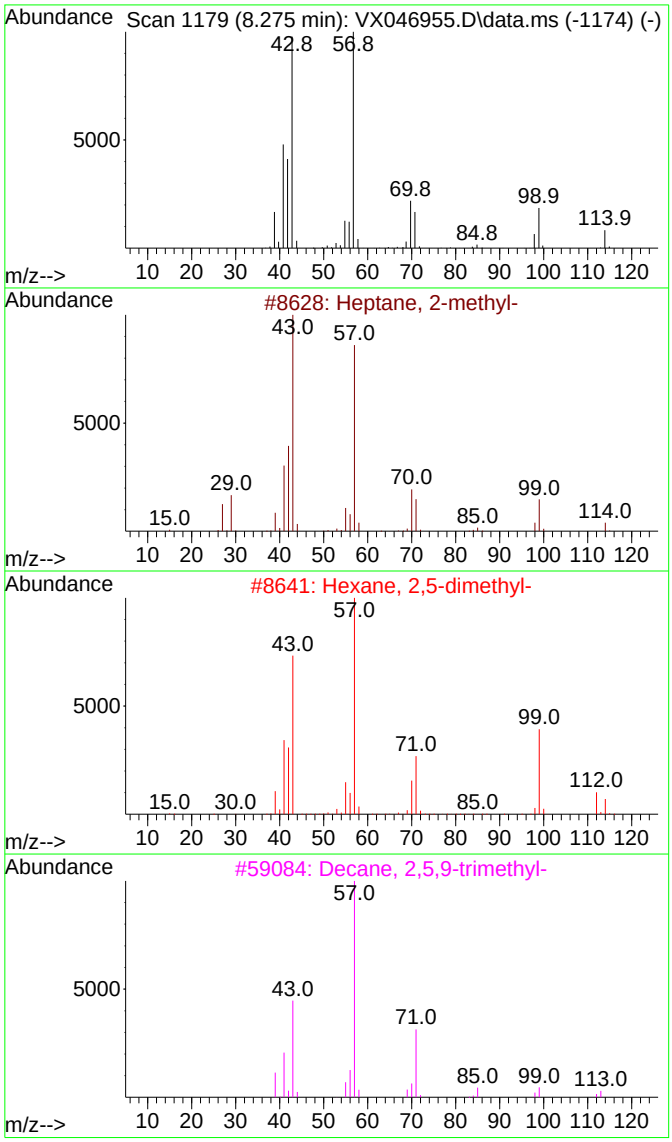
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

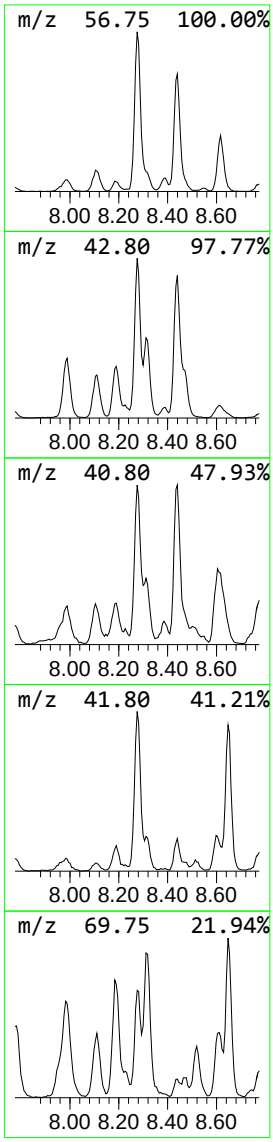
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	40.13 ug/l	866137	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38





Sample Results: **VX046955.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

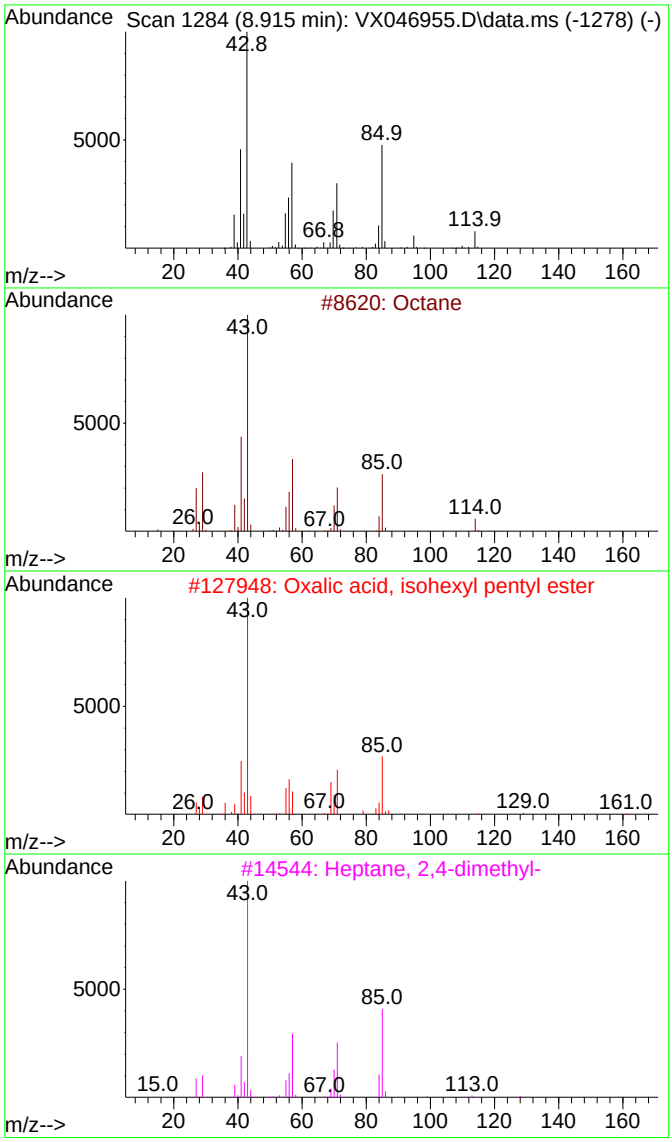
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

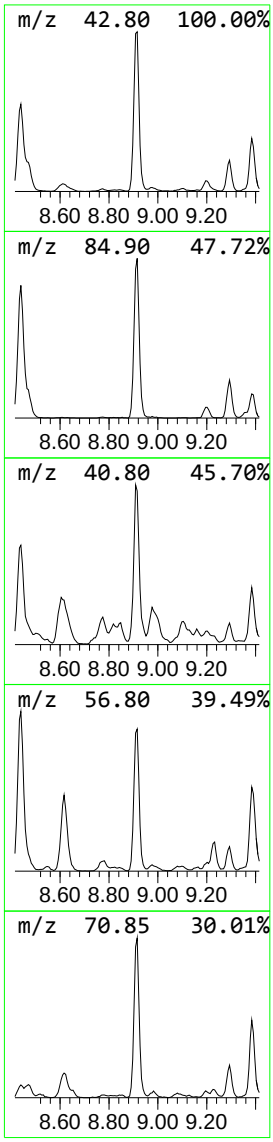
****

Peak Number 2 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.915	53.87 ug/l	1238070	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	78
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





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Data File : VX046955.D
Acq On    : 10 Jul 2025  18:59
Operator  : JC/MD
Sample    : Q2480-05 10X
Misc      : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial  : 24   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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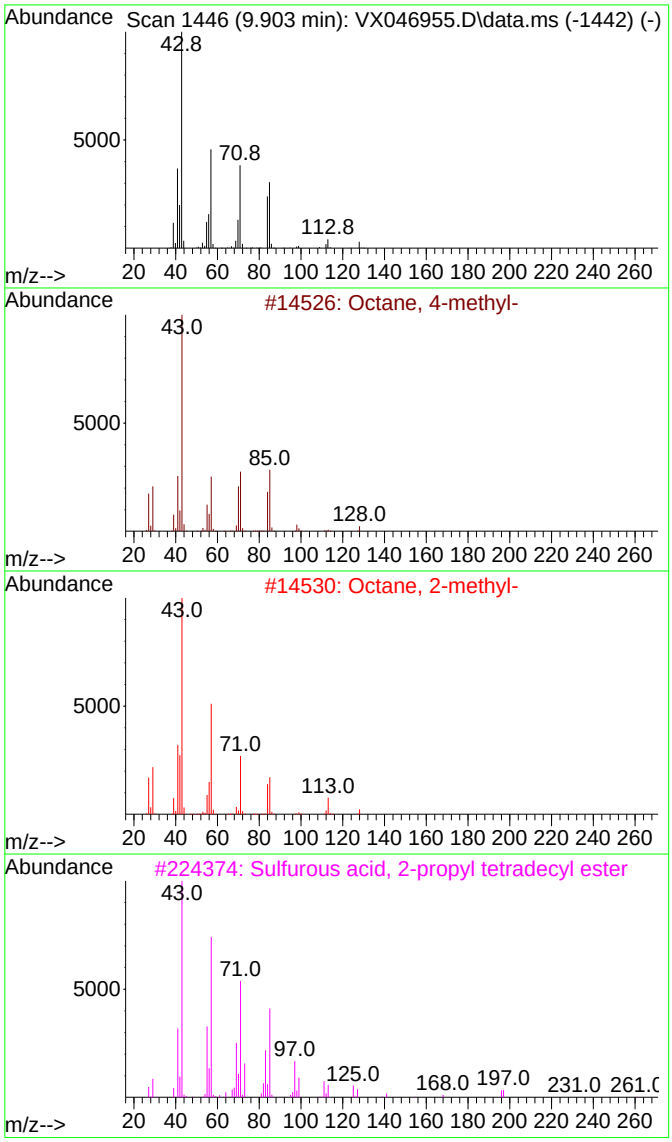
Instrument :
MSVOA_X
ClientSampleId :
GPX5

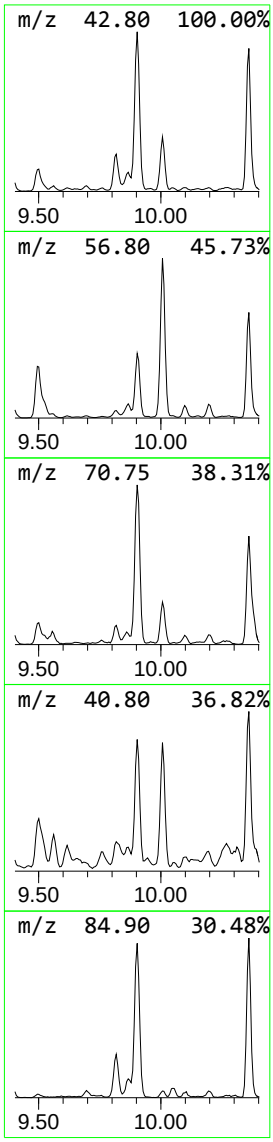
****

Peak Number 3 Octane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.903	64.91 ug/l	1491610	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	53
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	53





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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

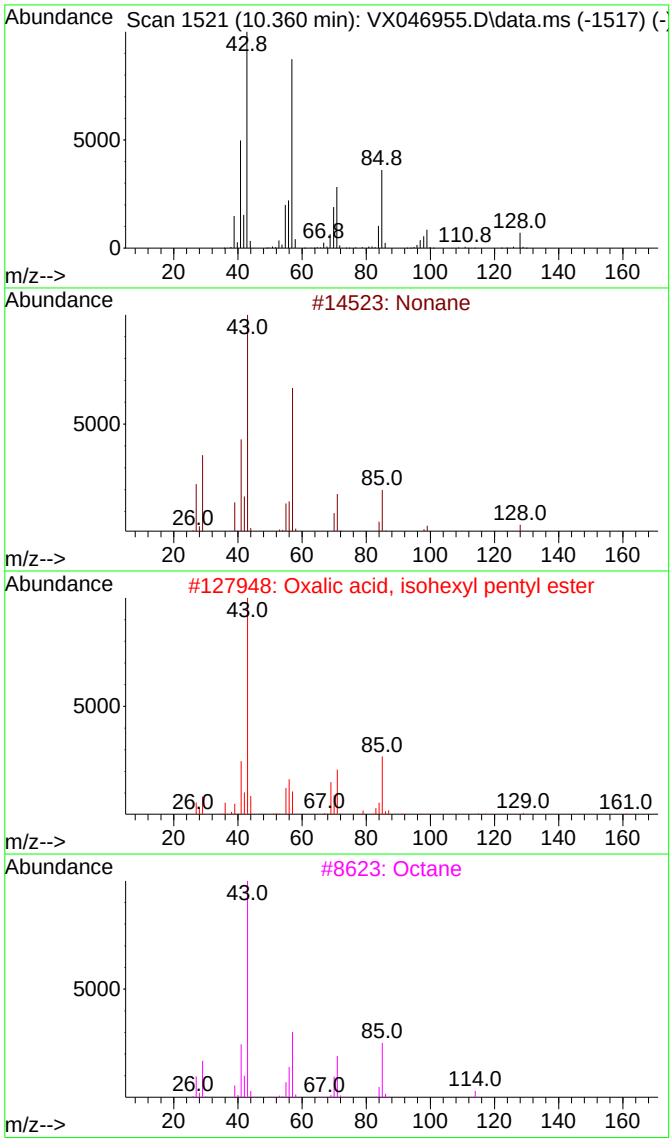
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

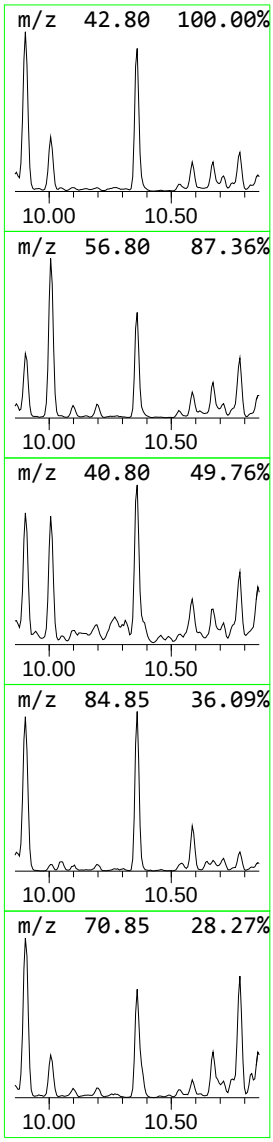
****

Peak Number 4 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	82.02 ug/l	1884980	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59
3	Octane	114	C8H18	000111-65-9	59
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53





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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

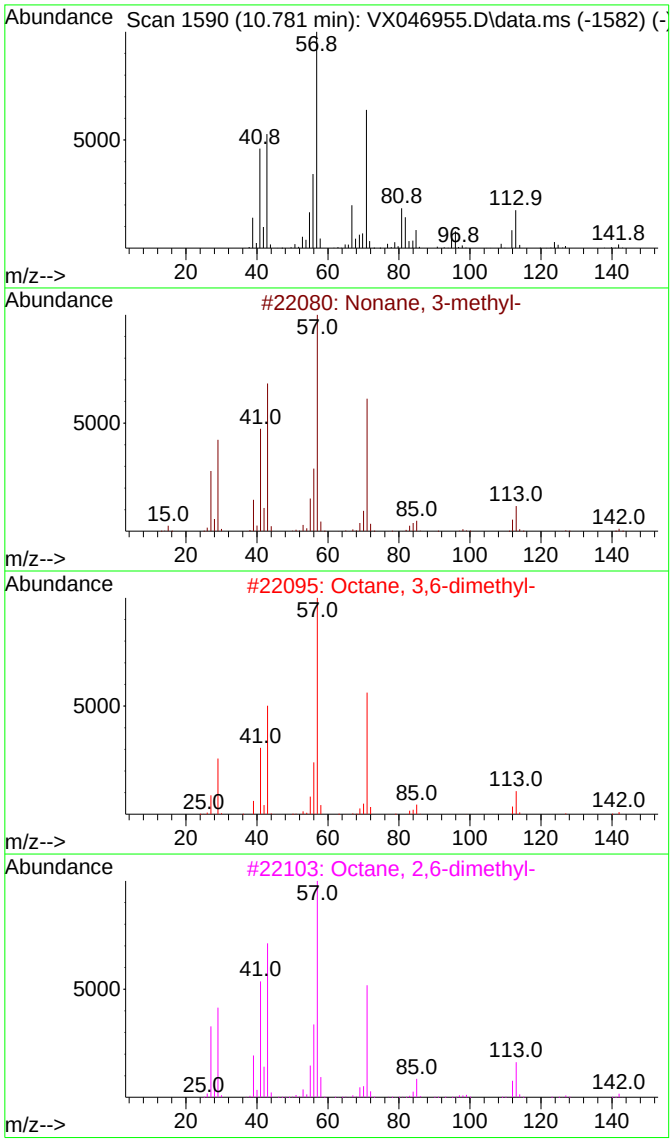
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

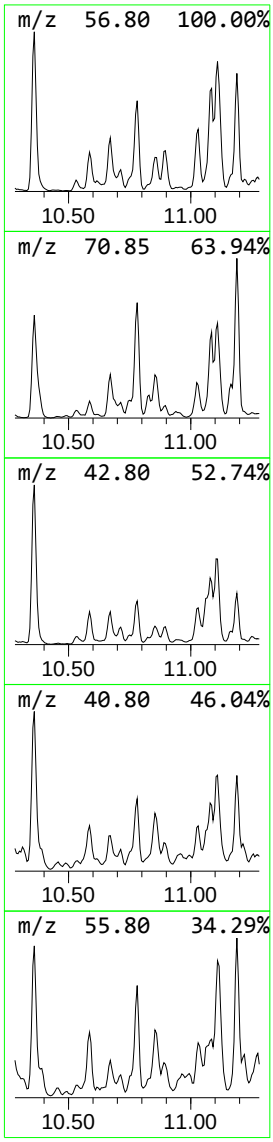
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	43.47 ug/l	999044	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

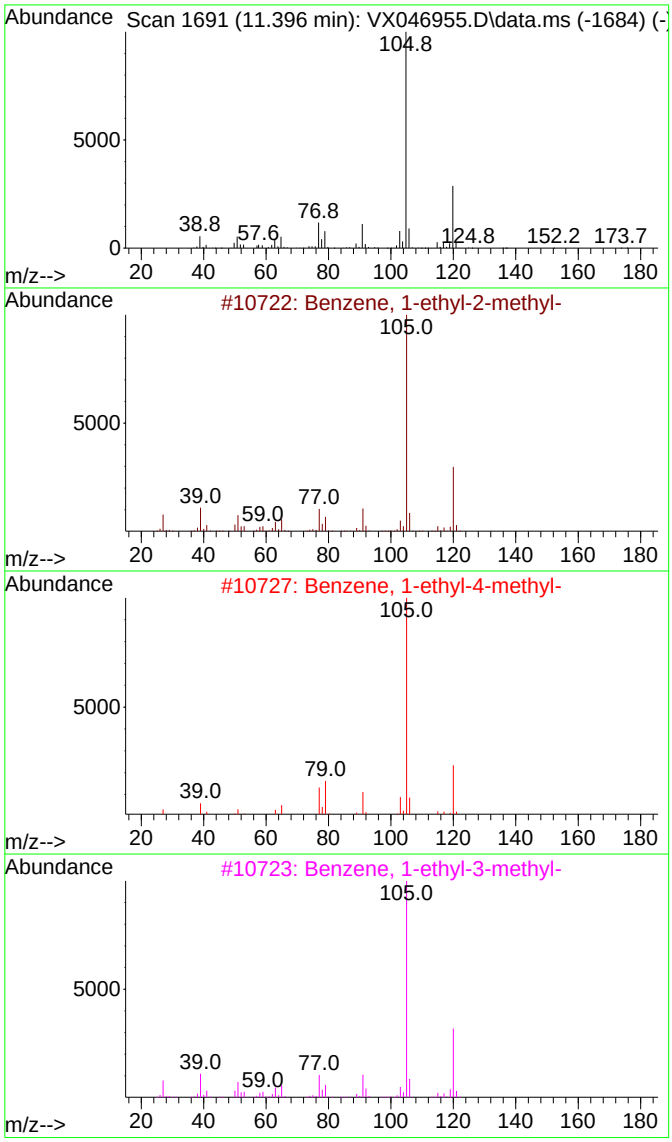
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

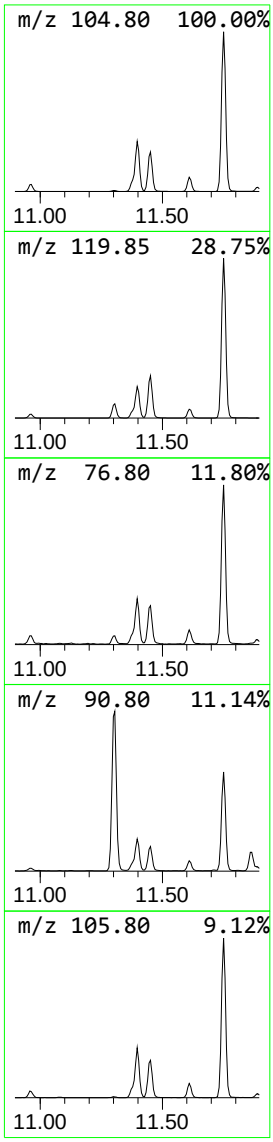
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	82.94 ug/l	2738000	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

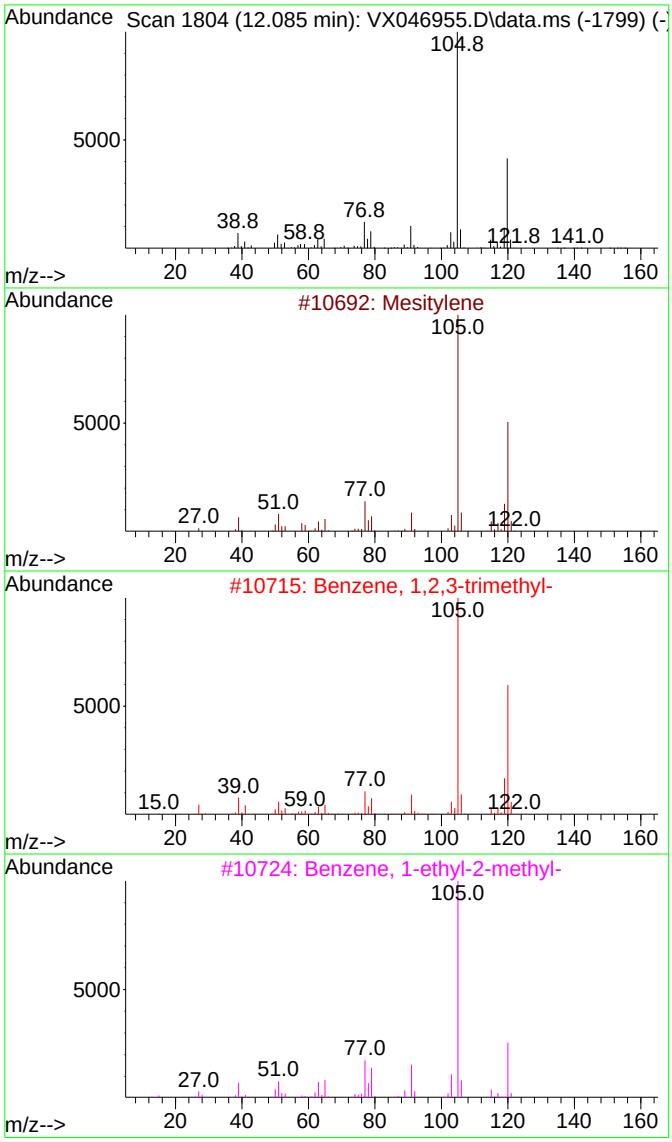
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

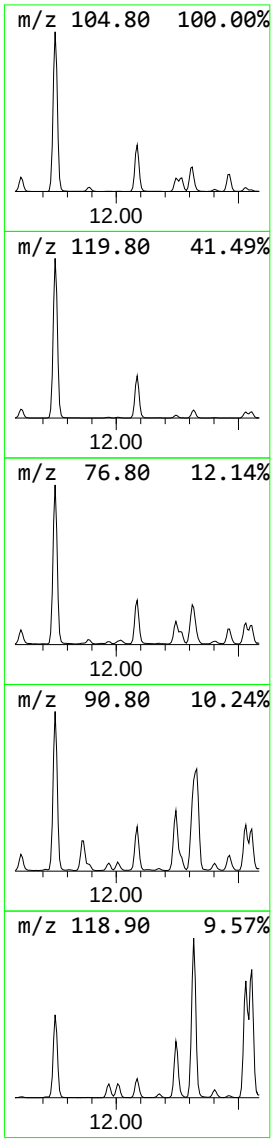
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	84.01 ug/l	2773380	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

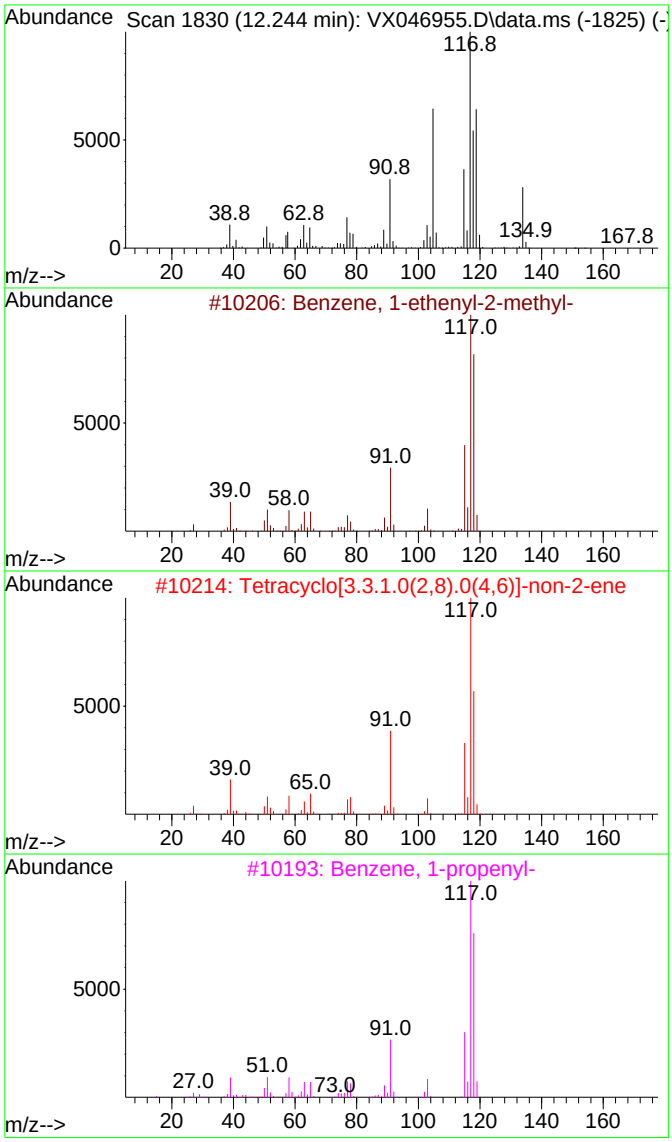
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

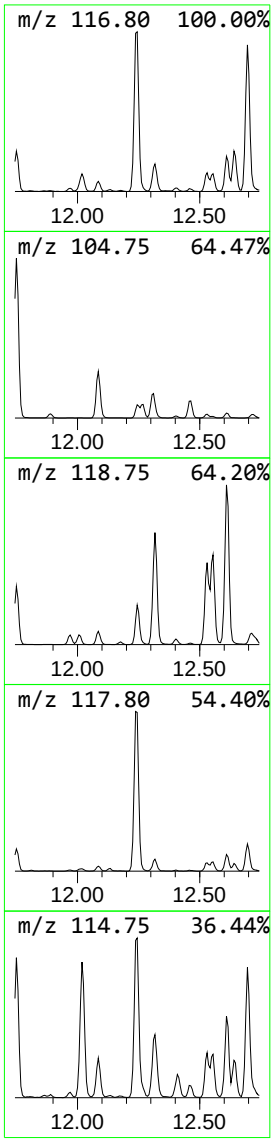
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	86.10 ug/l	2842420	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	55





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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

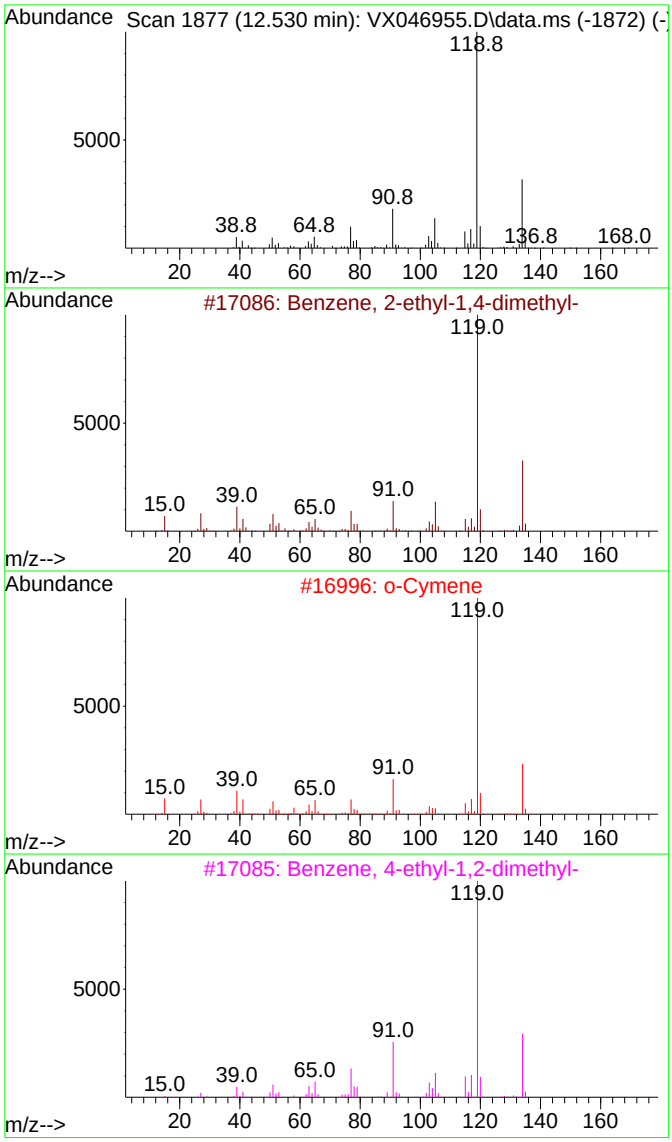
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

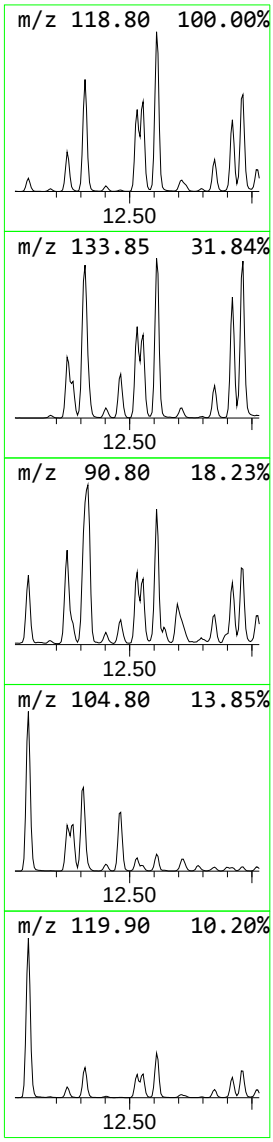
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	47.77 ug/l	1577020	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

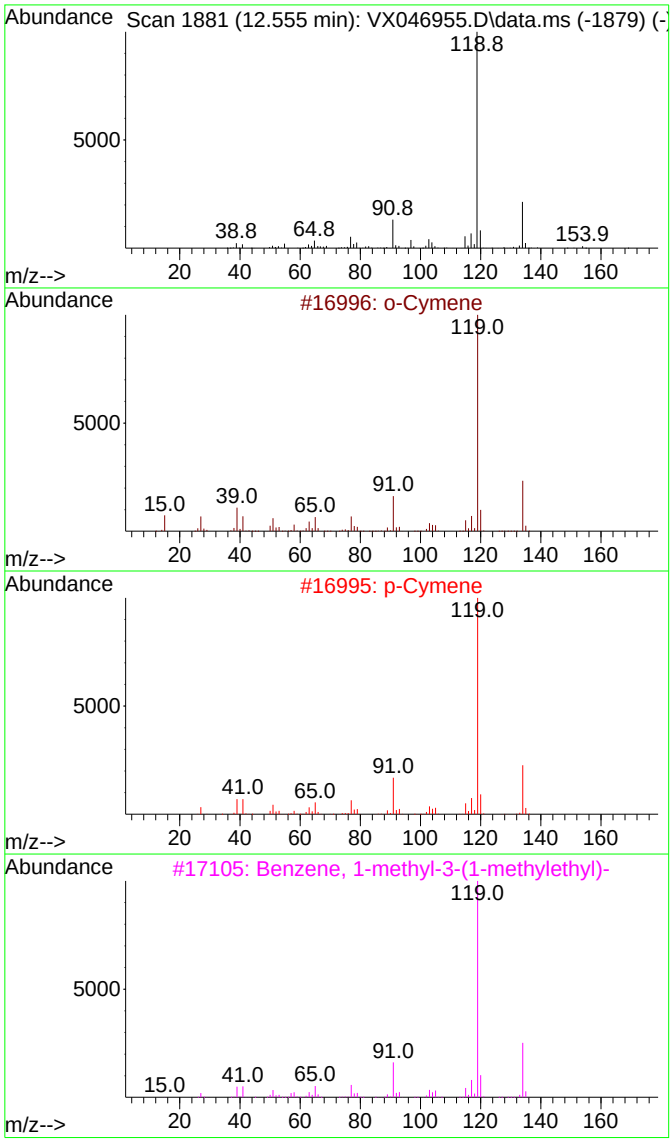
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

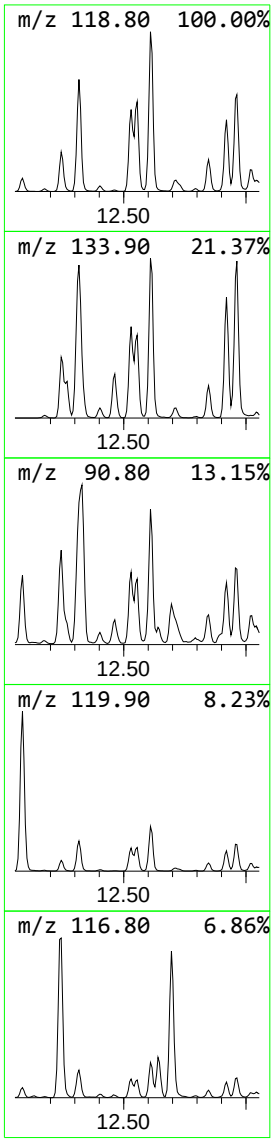
****

Peak Number 10 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	40.46 ug/l	1335880	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

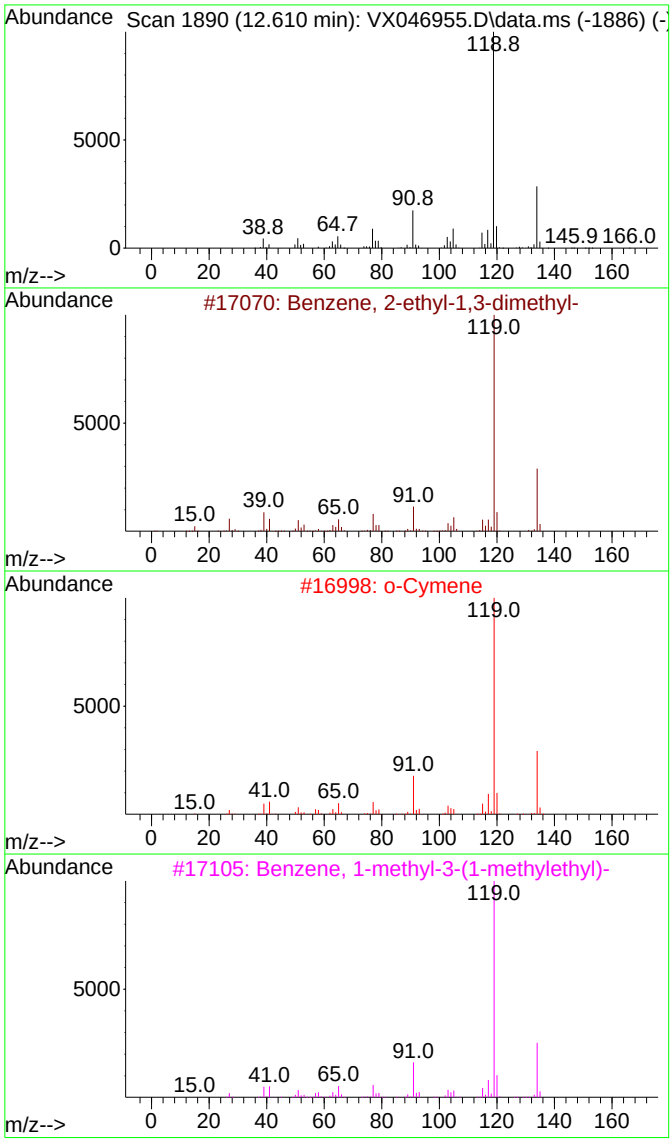
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

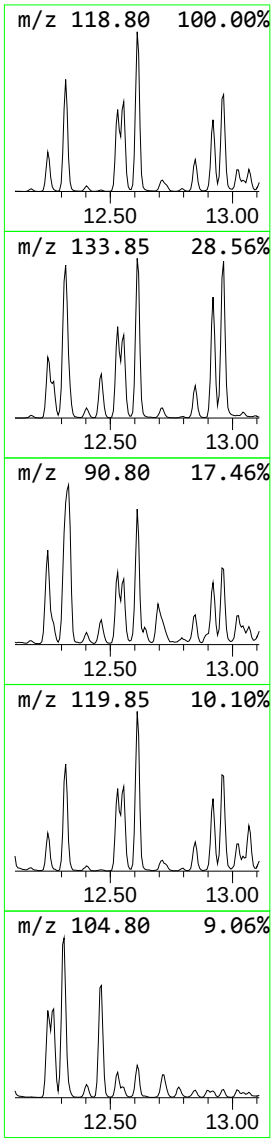
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	79.01 ug/l	2608390	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

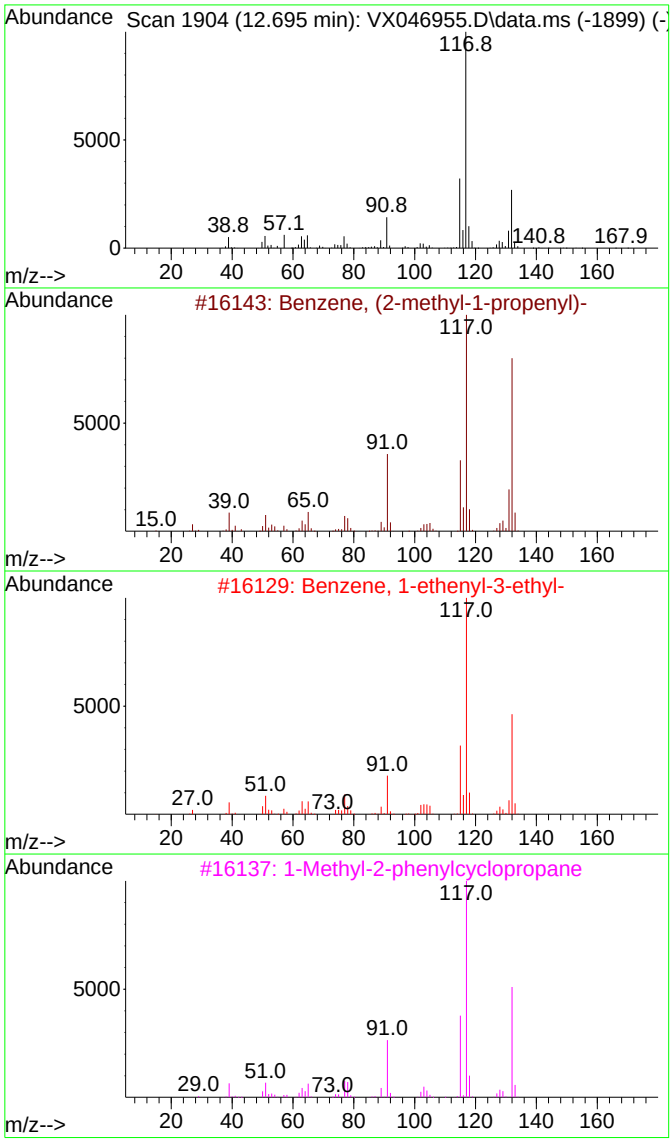
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

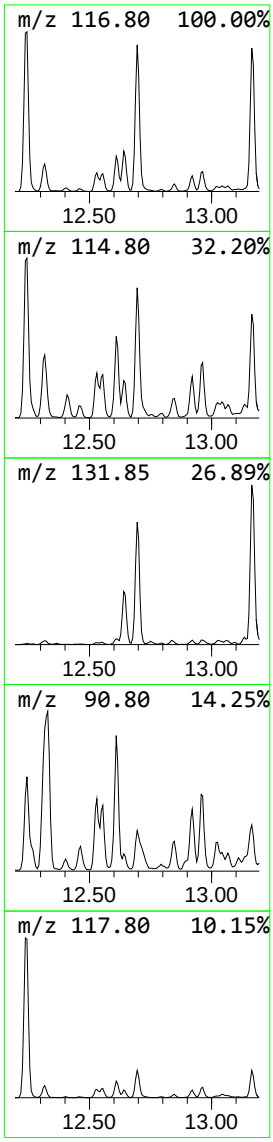
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	46.39 ug/l	1531370	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

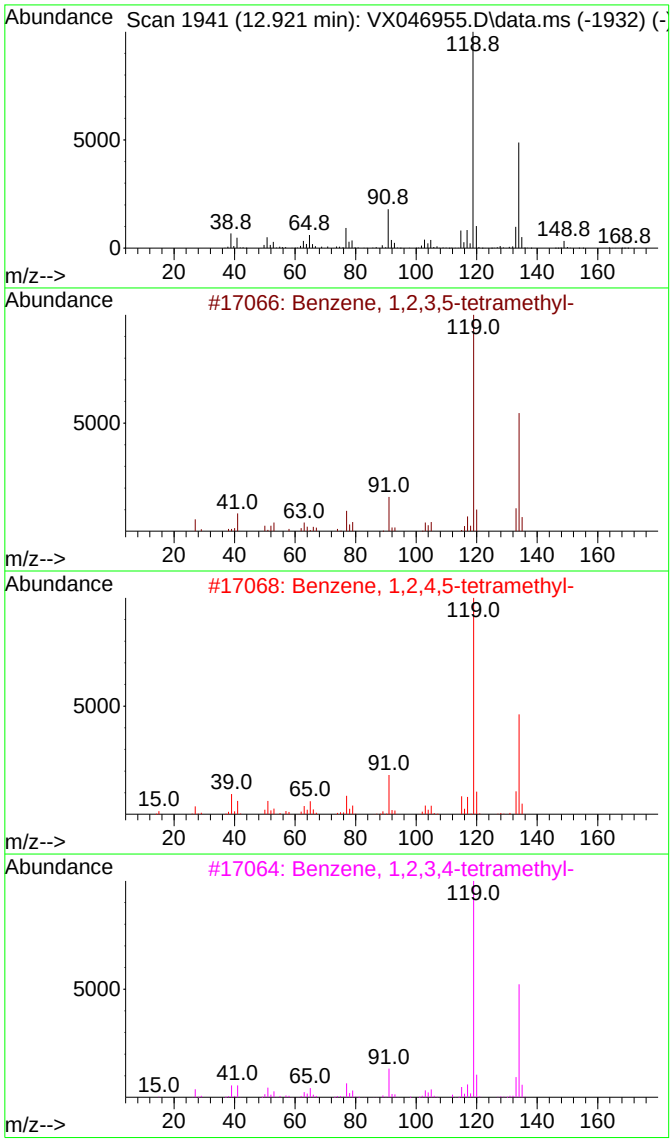
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

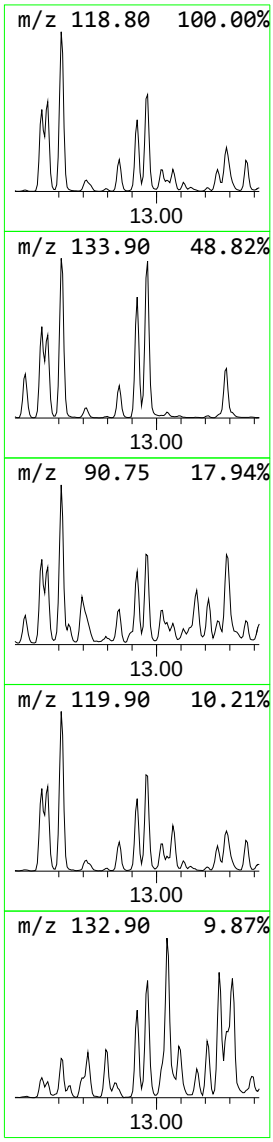
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	48.73 ug/l	1608650	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

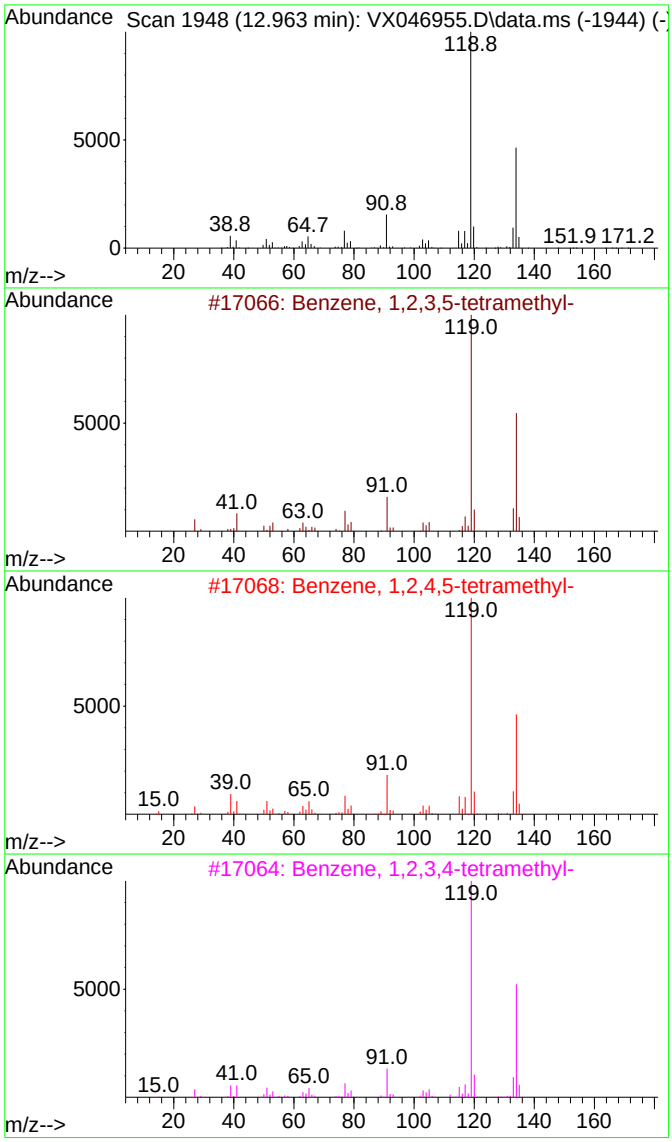
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

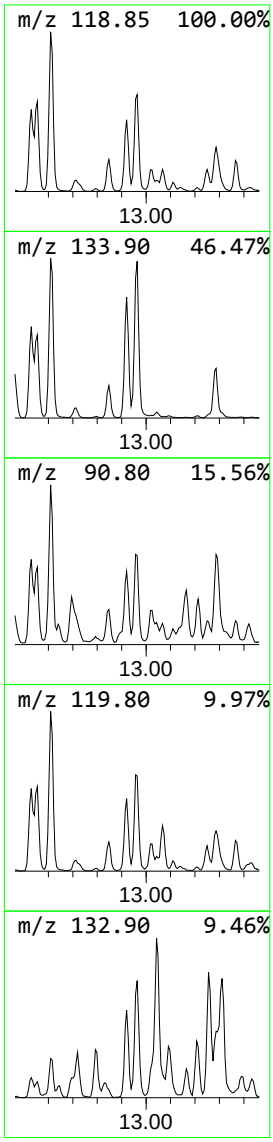
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	57.95 ug/l	1913110	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

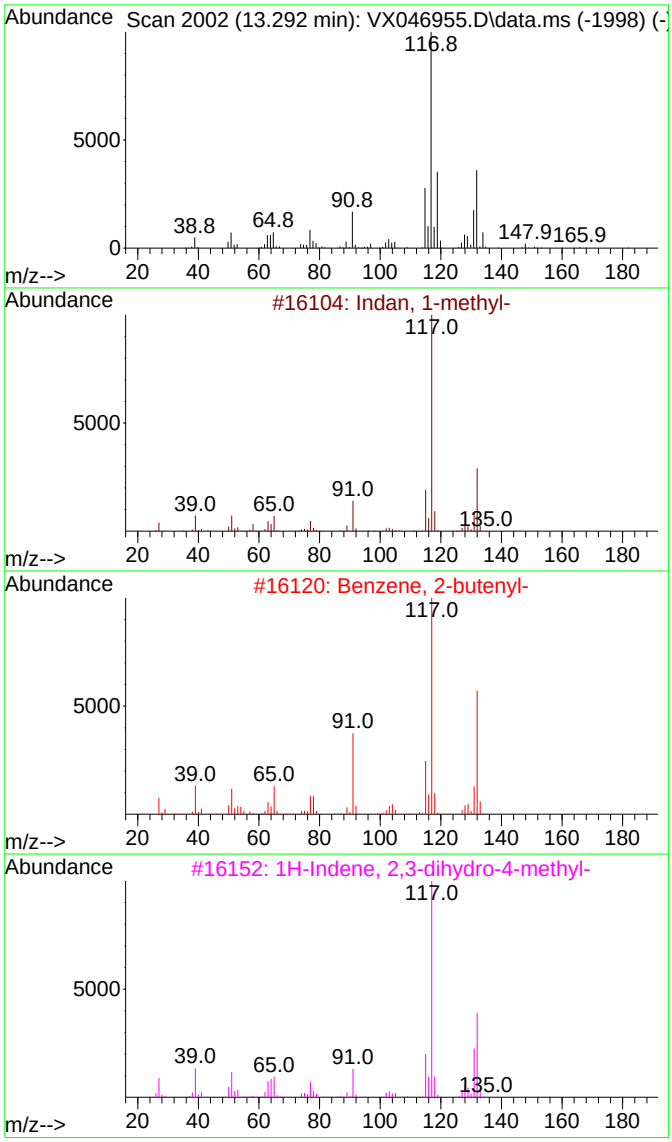
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

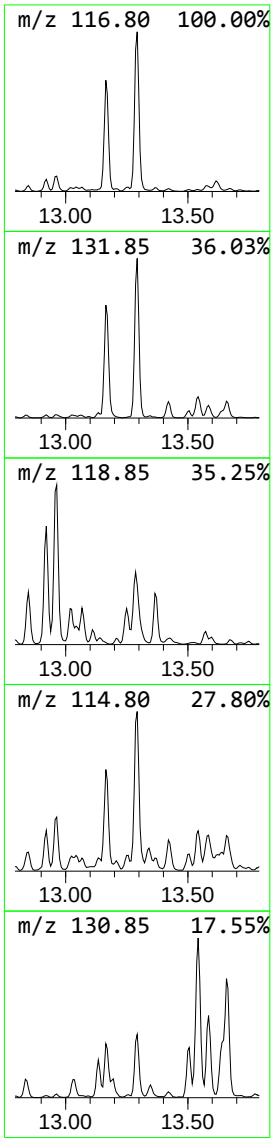
****

Peak Number 15 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	67.45 ug/l	2226720	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2-methyl-	8.275	40.1	ug/l	866137	2	6.769	1079050	50.0
Octane	8.915	53.9	ug/l	1238070	3	10.055	1149050	50.0
Octane, 4-methyl-	9.903	64.9	ug/l	1491610	3	10.055	1149050	50.0
Nonane	10.360	82.0	ug/l	1884980	3	10.055	1149050	50.0
Nonane, 3-methyl-	10.781	43.5	ug/l	999044	3	10.055	1149050	50.0
Benzene, 1-ethy...	11.396	82.9	ug/l	2738000	4	12.018	1650670	50.0
Benzene, 1-ethy...	12.085	84.0	ug/l	2773380	4	12.018	1650670	50.0
Tetracyclo[3.3....	12.244	86.1	ug/l	2842420	4	12.018	1650670	50.0
Benzene, 2-ethy...	12.530	47.8	ug/l	1577020	4	12.018	1650670	50.0
o-Cymene	12.555	40.5	ug/l	1335880	4	12.018	1650670	50.0
Benzene, 2-ethy...	12.610	79.0	ug/l	2608390	4	12.018	1650670	50.0
Benzene, (2-met...	12.695	46.4	ug/l	1531370	4	12.018	1650670	50.0
Benzene, 1,2,3,...	12.921	48.7	ug/l	1608650	4	12.018	1650670	50.0
Benzene, 1,2,4,...	12.963	58.0	ug/l	1913110	4	12.018	1650670	50.0
Indan, 1-methyl-	13.292	67.5	ug/l	2226720	4	12.018	1650670	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 11 02:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.965	168	179251	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	363855	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	322565	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	190018	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.325	65	123670	48.075	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 96.140%				
35) Dibromofluoromethane	7.898	113	113976	48.004	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 96.000%				
50) Toluene-d8	10.325	98	966069	109.336	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 218.680%#				
62) 4-Bromofluorobenzene	12.611	95	465295	143.098	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 286.200%#				
Target Compounds							Qvalue
17) Carbon Disulfide	4.423	76	9140	1.599	ug/l	#	95
39) Methylcyclohexane	9.343	83	1169828m	273.667	ug/l		
40) Benzene	8.343	78	26996	2.656	ug/l		98
67) Ethyl Benzene	11.733	91	1959994	158.820	ug/l		95
68) m/p-Xylenes	11.843	106	1401145	295.347	ug/l		100
73) Isopropylbenzene	12.465	105	715293	49.488	ug/l		100
78) n-propylbenzene	12.800	91	2606277	150.581	ug/l		96
80) 1,3,5-Trimethylbenzene	12.940	105	2980928	249.155	ug/l		99
84) 1,2,4-Trimethylbenzene	13.251	105	9034854	745.313	ug/l		98
85) sec-Butylbenzene	13.379	105	1105459	71.865	ug/l	#	54
86) p-Isopropyltoluene	13.495	119	416601	32.862	ug/l		90
89) n-Butylbenzene	13.818	91	948503m	77.005	ug/l		
95) Naphthalene	15.360	128	939389	105.146	ug/l		97

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

Sample Results: **VW031797.D**

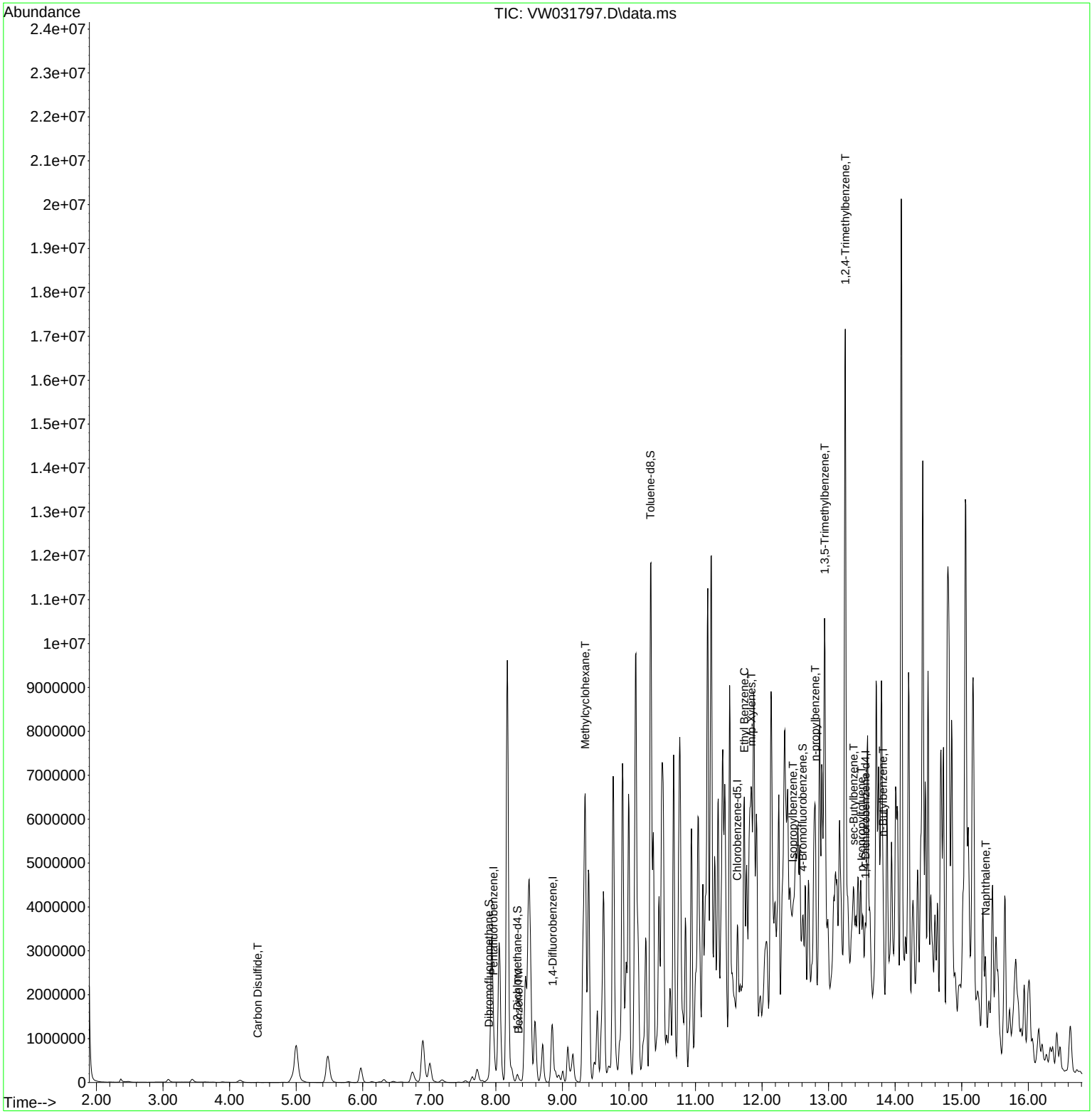
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

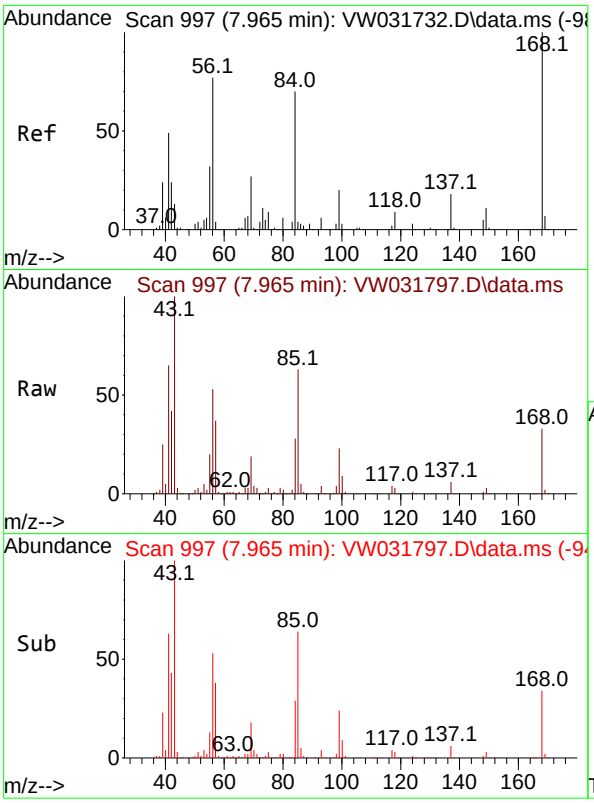
Quant Time: Jul 11 02:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

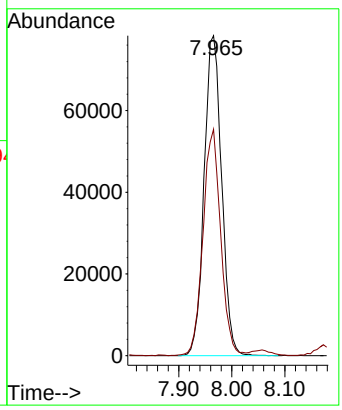
Tgt Ion:168 Resp: 17925

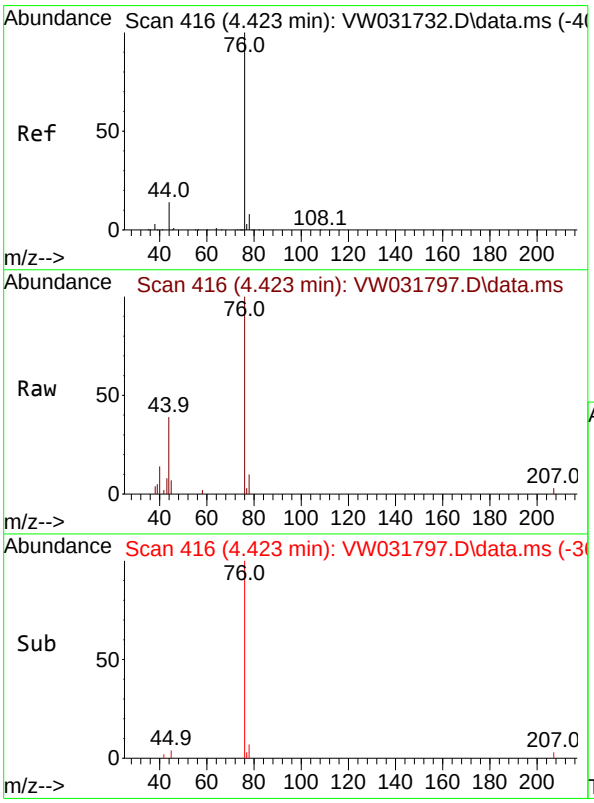
Ion	Ratio	Lower	Upper
168	100		
99	70.5	49.4	74.2

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

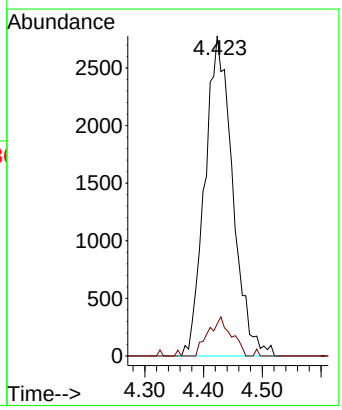


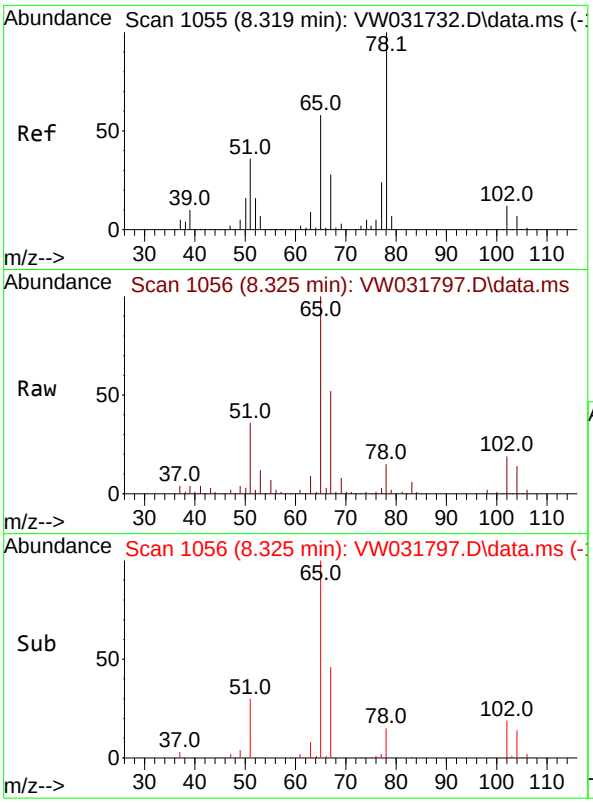


#17
Carbon Disulfide
Concen: 1.599 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 76 Resp: 9140

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.6	10.0#





#33
1,2-Dichloroethane-d4
Concen: 48.075 ug/l
RT: 8.325 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 65 Resp: 12367

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	99.4

Instrument :
MSVOA_W
ClientSampleId :
GPX6

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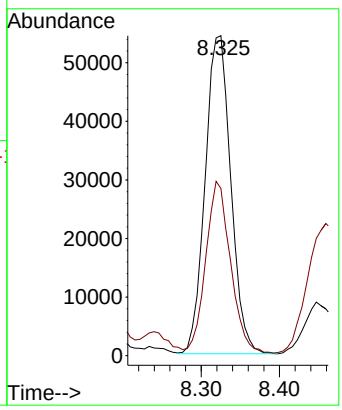
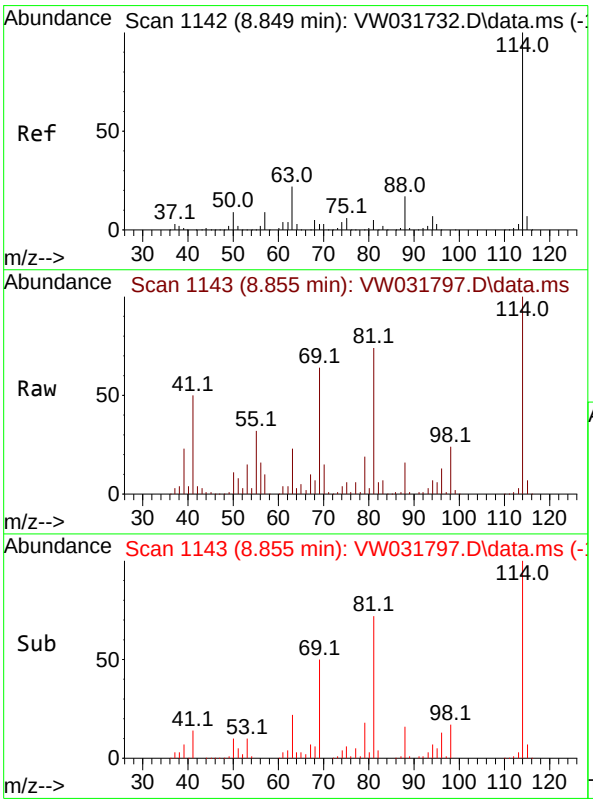
Supervised By :Semsettin Yesilyurt 07/14/2025

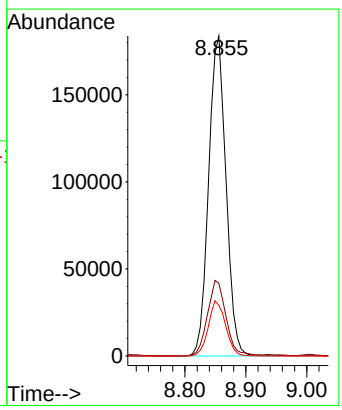


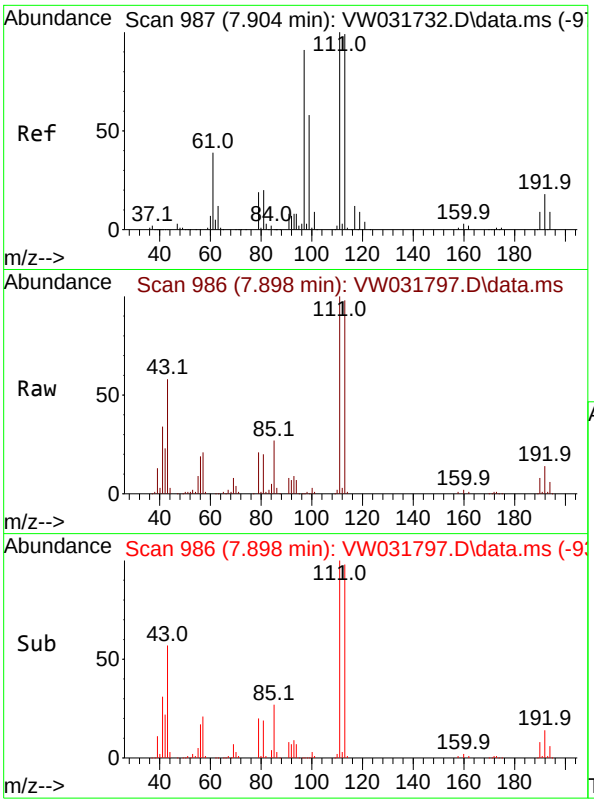


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:114 Resp: 363855

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.6
88	15.8	0.0	34.2

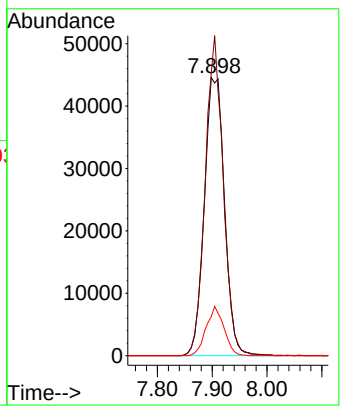




#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:113 Resp: 11397

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	15.6	13.8	20.6



Instrument :
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ClientSampleId :
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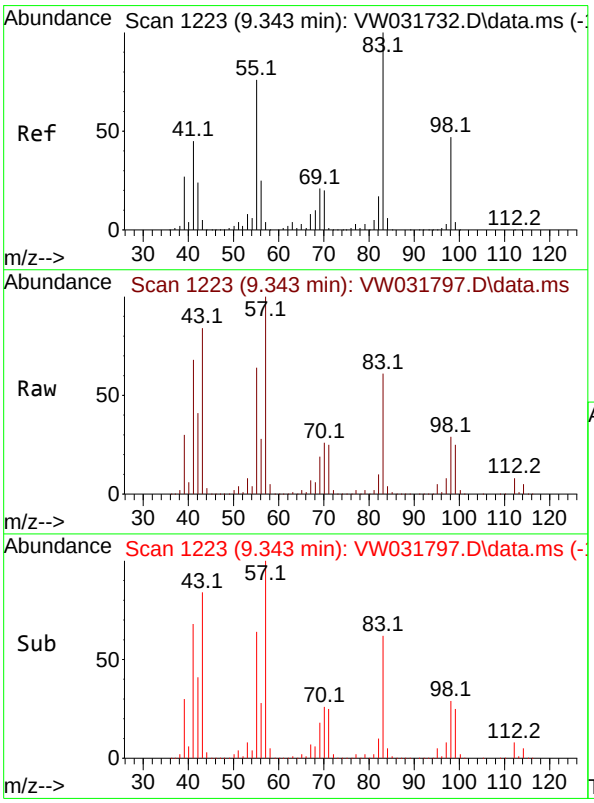
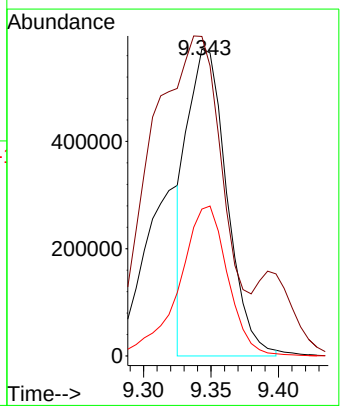
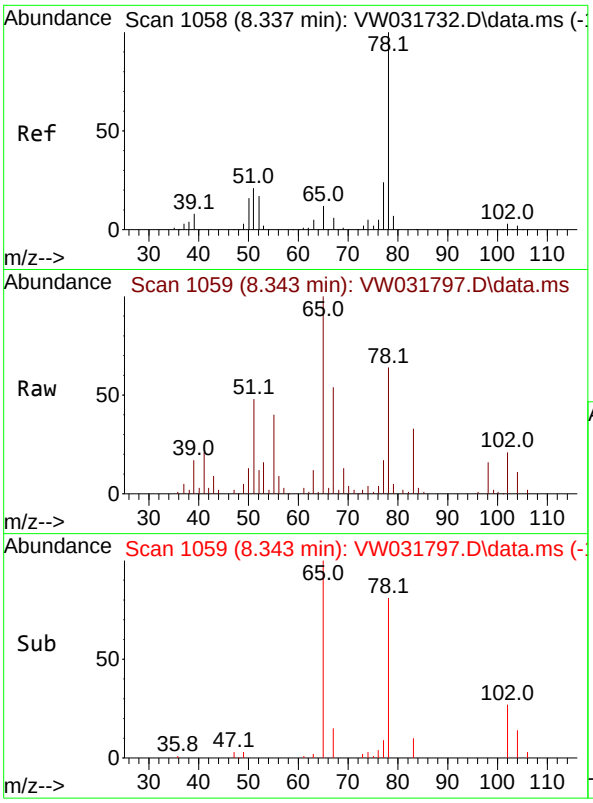


#39
Methylcyclohexane
Concen: 273.667 ug/l m
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 83 Resp: 1169828

Ion	Ratio	Lower	Upper
83	100		
55	104.2	61.0	91.4#
98	47.9	37.9	56.9

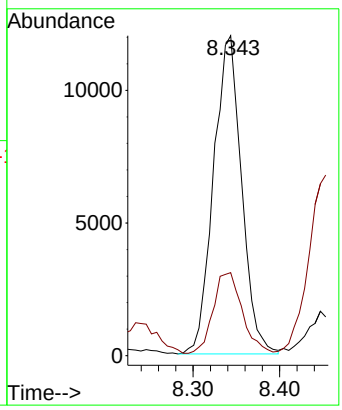




#40
Benzene
Concen: 2.656 ug/l
RT: 8.343 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 78 Resp: 2699(

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8



Instrument :
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ClientSampleId :
GPX6

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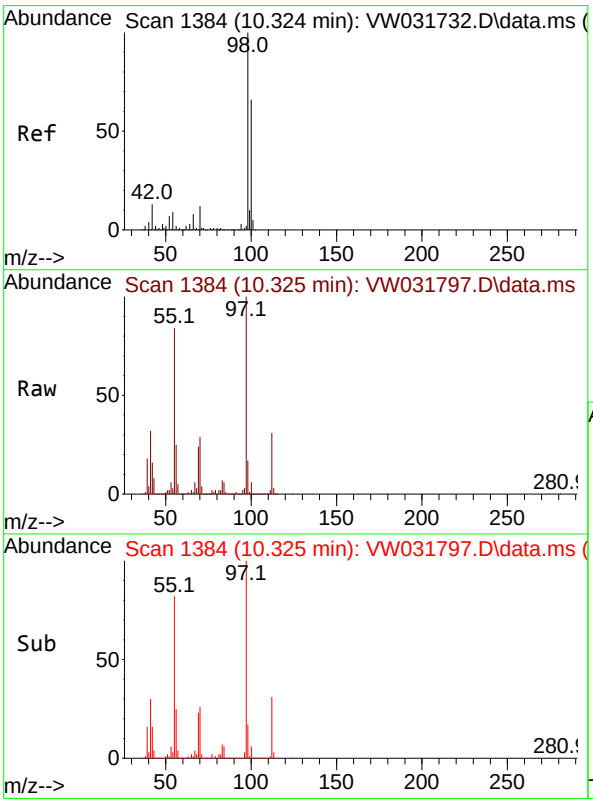
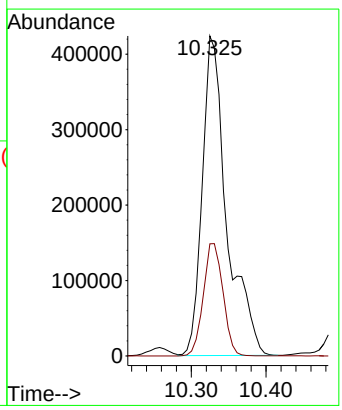
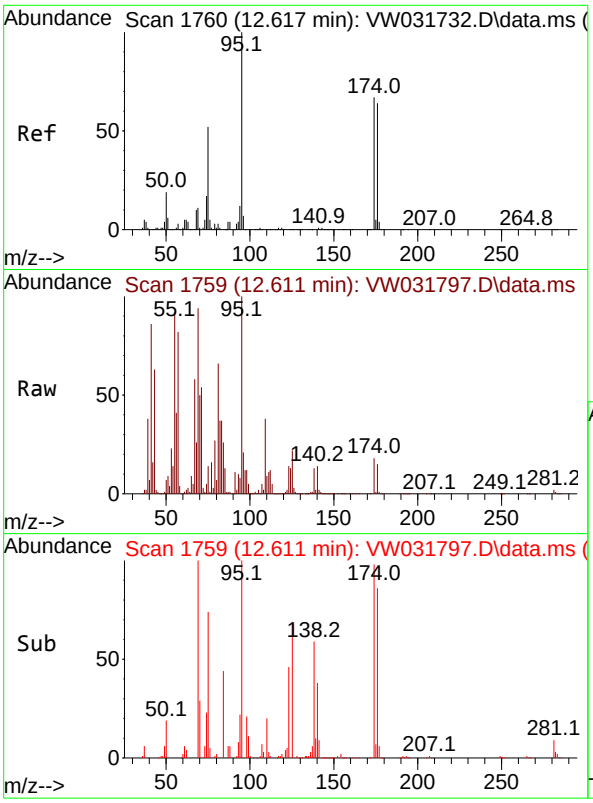


#50
Toluene-d8
Concen: 109.336 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 98 Resp: 966069

Ion	Ratio	Lower	Upper
98	100		
100	28.2	53.0	79.4#

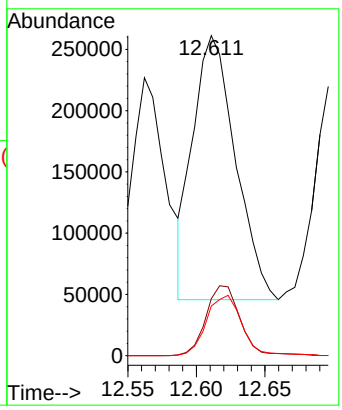




#62
4-Bromofluorobenzene
Concen: 143.098 ug/l
RT: 12.611 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 95 Resp: 46529

Ion	Ratio	Lower	Upper
95	100		
174	21.5	0.0	133.8
176	19.1	0.0	126.0



Instrument :
MSVOA_W
ClientSampleId :
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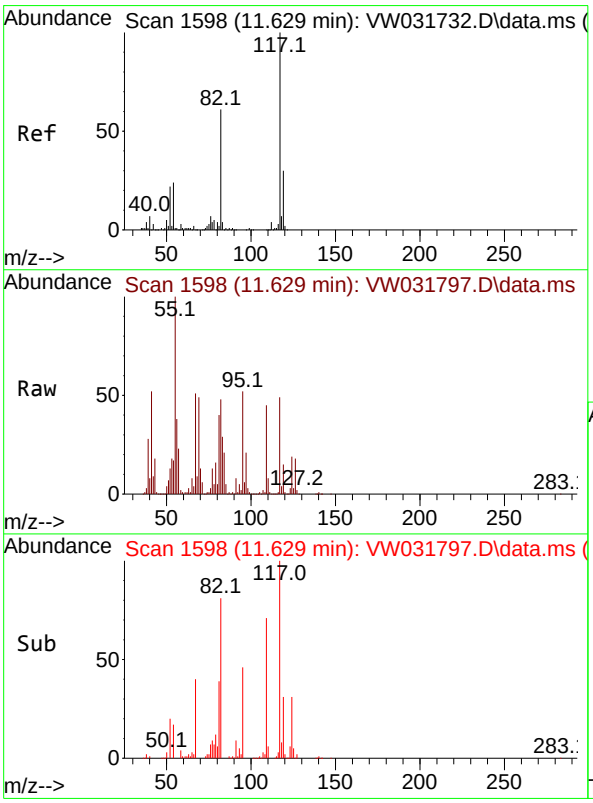
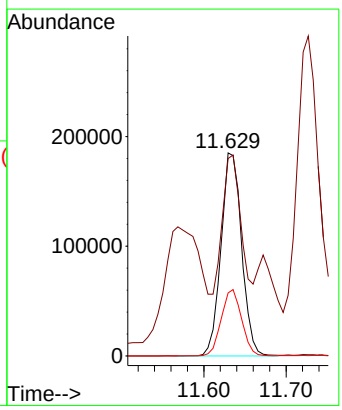
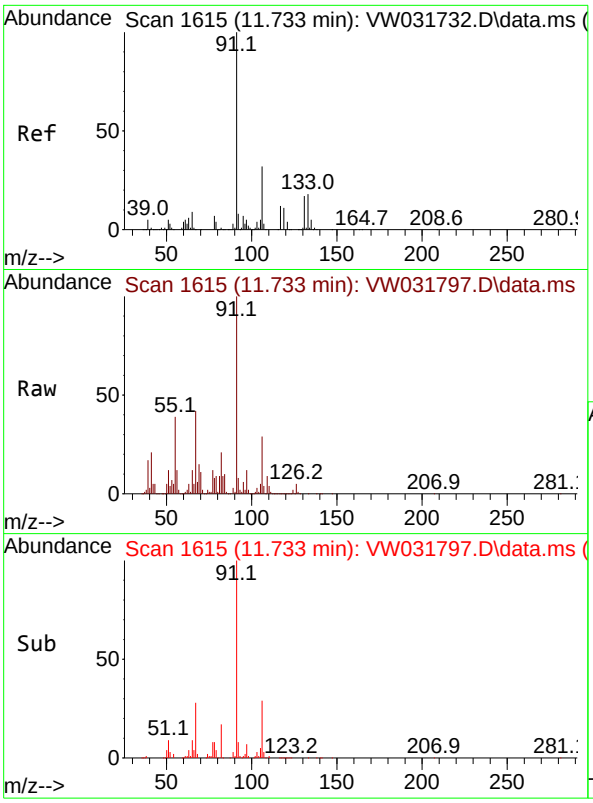


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:117 Resp: 322565

Ion	Ratio	Lower	Upper
117	100		
82	70.0	48.6	72.8
119	31.0	23.9	35.9

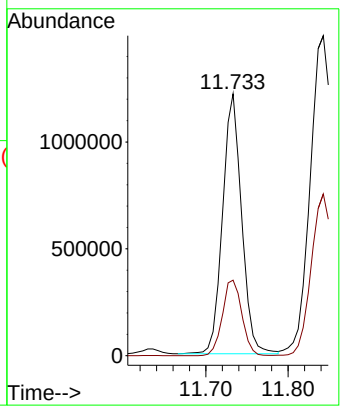




#67
Ethyl Benzene
Concen: 158.820 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 91 Resp: 195999

Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.4	38.2



Instrument :
MSVOA_W
ClientSampleId :
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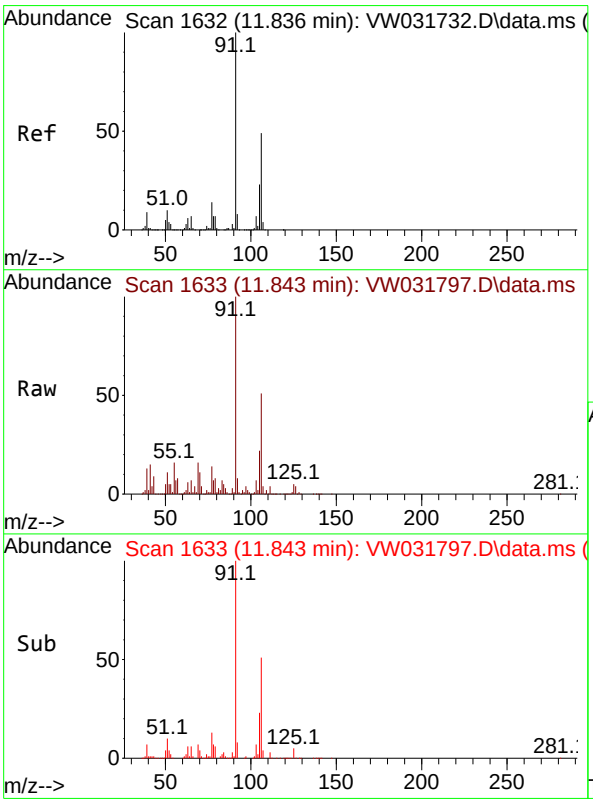
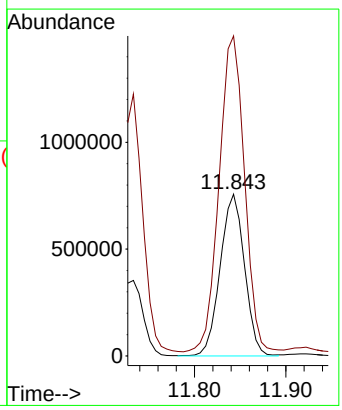
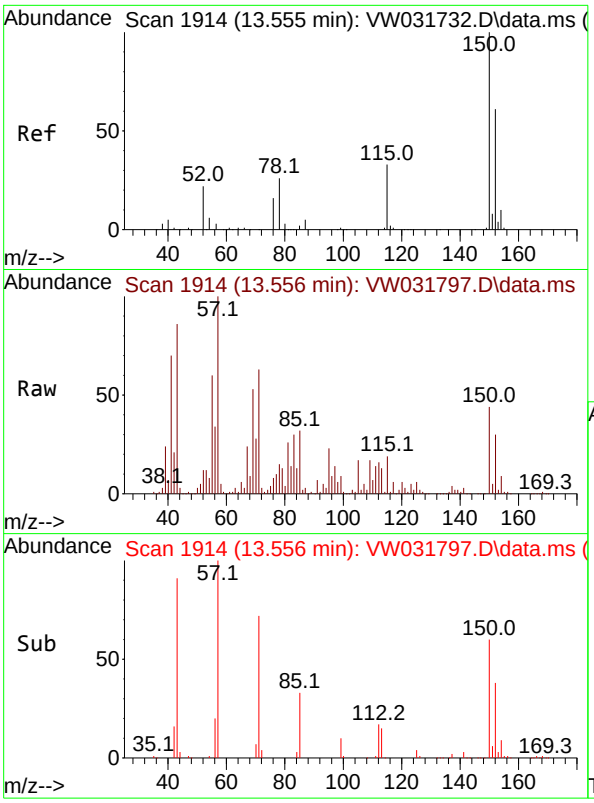


#68
m/p-Xylenes
Concen: 295.347 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:106 Resp: 1401145

Ion	Ratio	Lower	Upper
106	100		
91	207.4	166.4	249.6

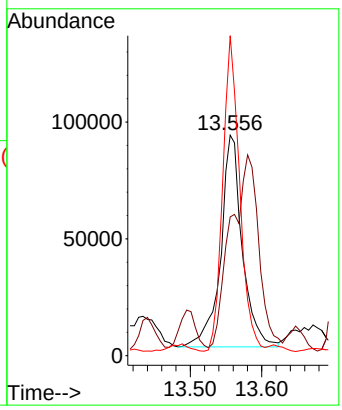




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:152 Resp: 19001

Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.9	95.7
150	116.7	0.0	356.4



Instrument :
MSVOA_W
ClientSampleId :
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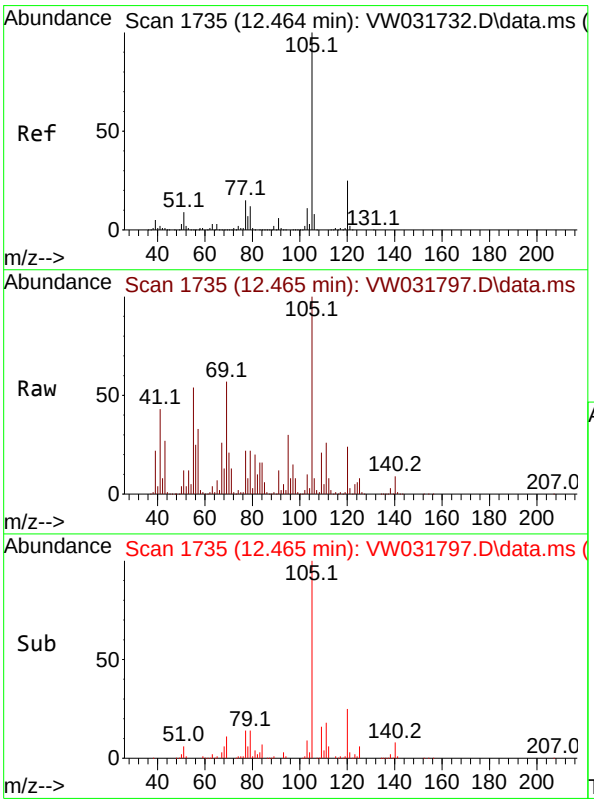
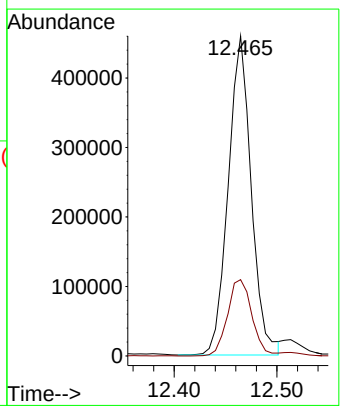
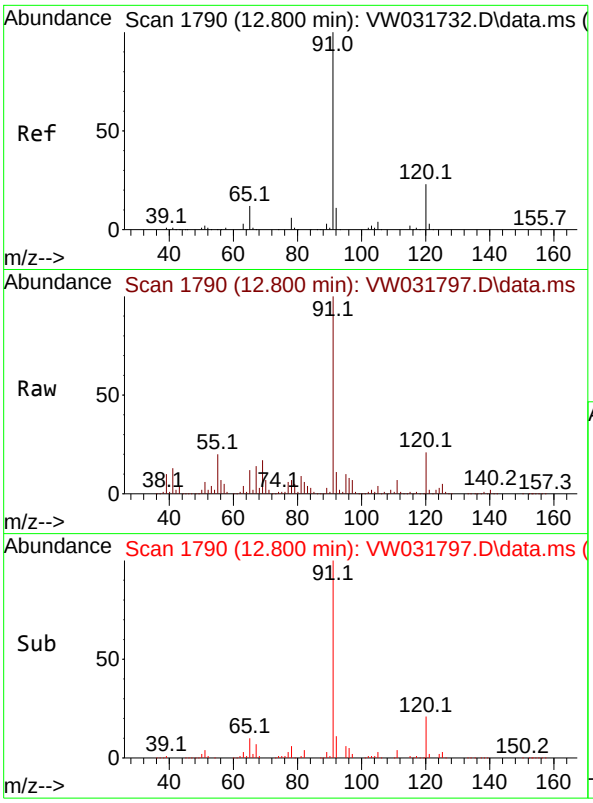


#73
Isopropylbenzene
Concen: 49.488 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 715293

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

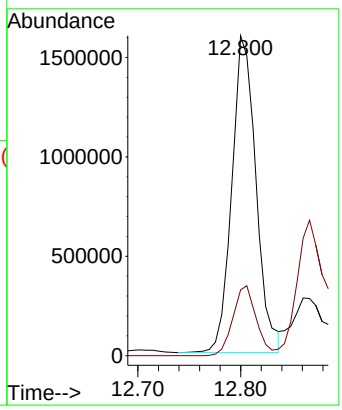




#78
n-propylbenzene
Concen: 150.581 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 91 Resp: 260627

Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.5	34.4



Instrument :
MSVOA_W
ClientSampleId :
GPX6

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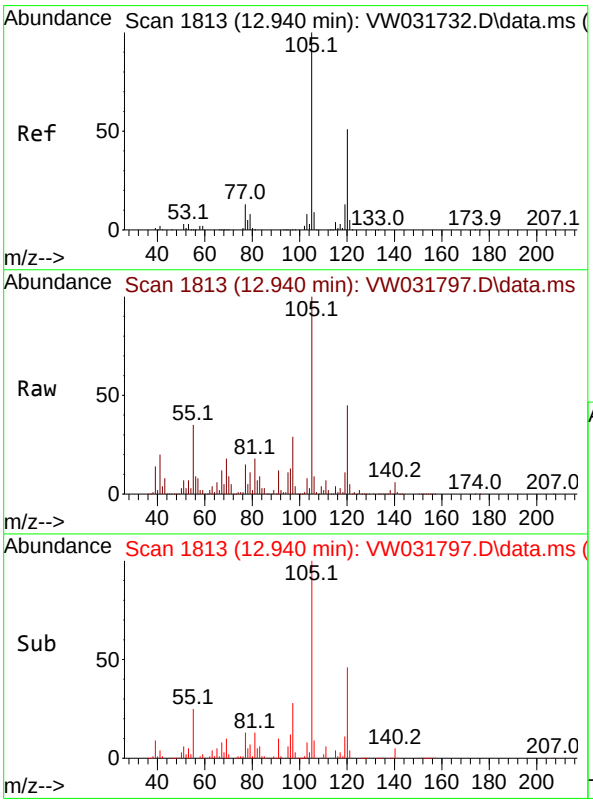
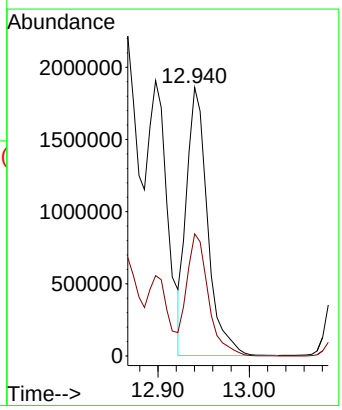
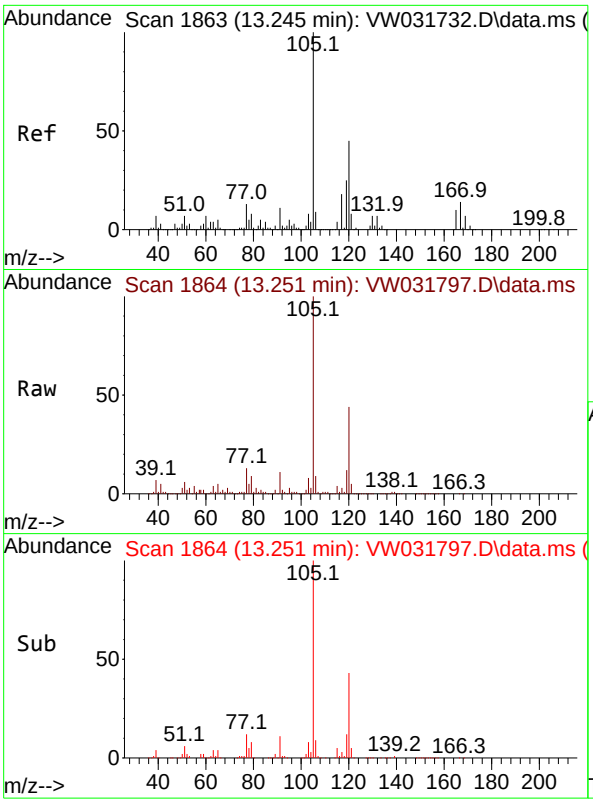


#80
1,3,5-Trimethylbenzene
Concen: 249.155 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 2980928

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.8	71.2

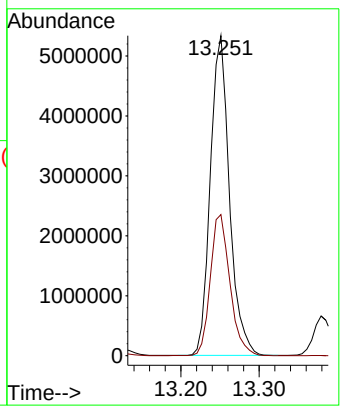




#84
1,2,4-Trimethylbenzene
Concen: 745.313 ug/l
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 903485

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GPX6

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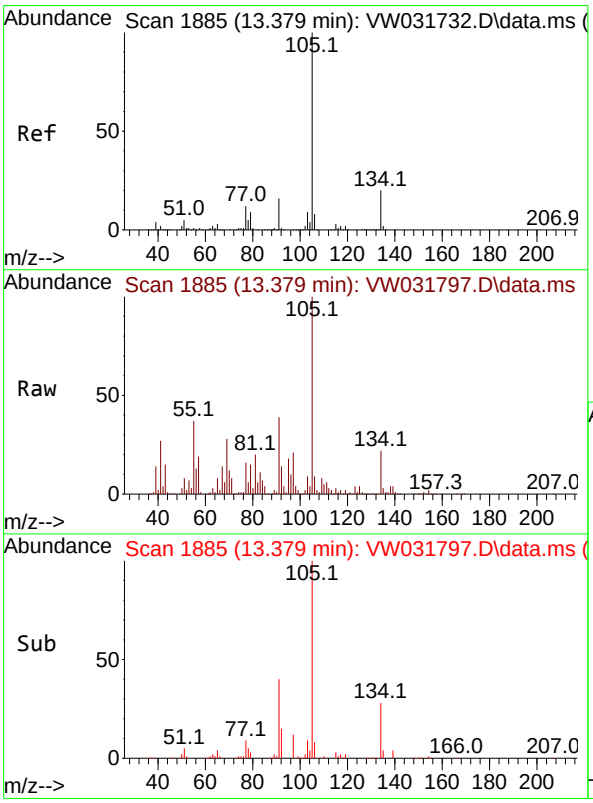
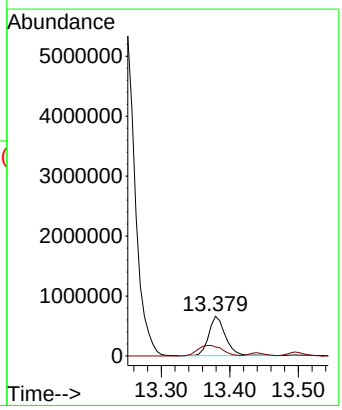
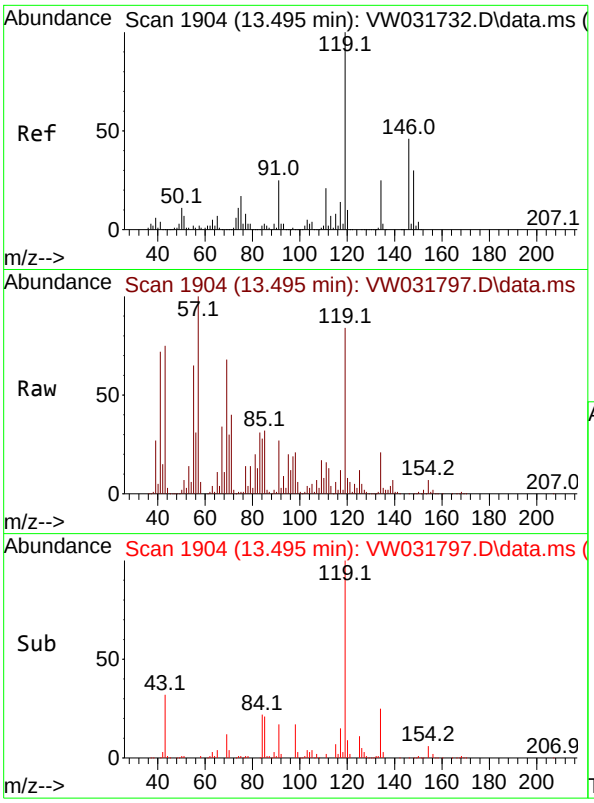


#85
sec-Butylbenzene
Concen: 71.865 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 1105459

Ion	Ratio	Lower	Upper
105	100		
134	39.9	9.6	28.8#





#86
p-Isopropyltoluene
Concen: 32.862 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:119 Resp: 41660

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	34.9	12.7	38.0

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
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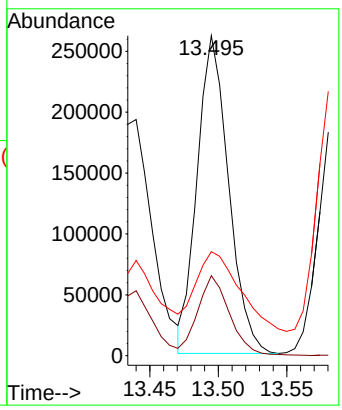
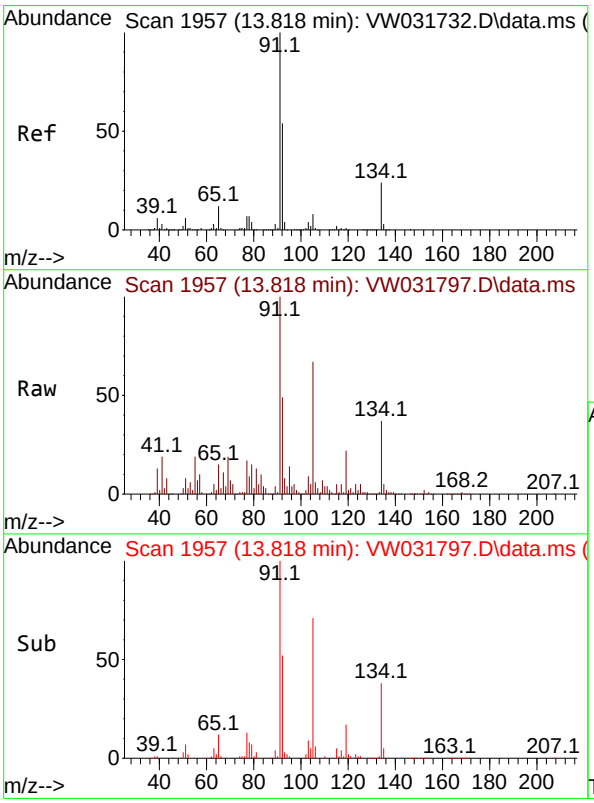
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

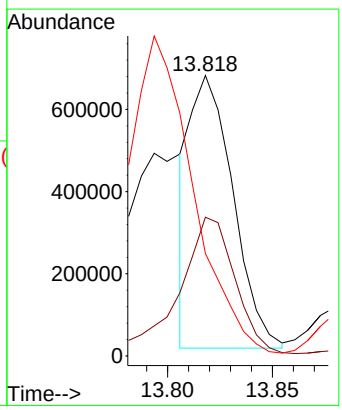


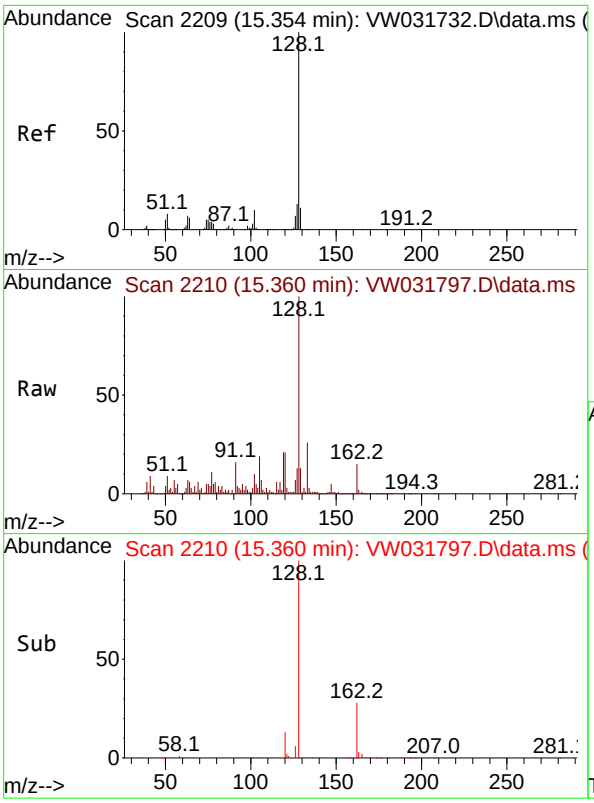


#89
n-Butylbenzene
Concen: 77.005 ug/l m
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 91 Resp: 948503

Ion	Ratio	Lower	Upper
91	100		
92	65.4	27.2	81.5
134	0.0	12.2	36.6#

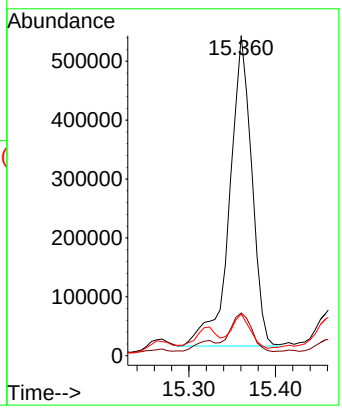




#95
Naphthalene
Concen: 105.146 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:128 Resp: 93938

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.8	16.2
129	9.4	8.7	13.1



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Sample Results: **VW031797.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.003	488	511	540	rBV	838747	3959415	14.04%	0.438%
2	5.478	573	589	616	rBV	597807	2383210	8.45%	0.264%
3	6.905	811	823	833	rVV	951066	3407840	12.08%	0.377%
4	7.008	833	840	859	rVV	435528	1455520	5.16%	0.161%
5	7.941	975	993	1003	rBV	3319322	9656646	34.24%	1.069%
6	8.051	1003	1011	1022	rVB	3119602	8494397	30.12%	0.940%
7	8.173	1022	1031	1050	rVB	9583291	23448518	83.13%	2.595%
8	8.447	1066	1076	1079	rBV2	2383386	5963425	21.14%	0.660%
9	8.502	1079	1085	1094	rVV2	4391534	14190778	50.31%	1.570%
10	8.587	1094	1099	1109	rVB	1347527	3358026	11.91%	0.372%
11	8.703	1109	1118	1132	rVB3	859151	2148603	7.62%	0.238%
12	8.849	1132	1142	1154	rBV3	1312801	3832308	13.59%	0.424%
13	9.081	1173	1180	1186	rBV	775931	1814841	6.43%	0.201%
14	9.160	1187	1193	1208	rVB2	639284	1699818	6.03%	0.188%
15	9.343	1208	1223	1227	rBV4	6573851	19990931	70.88%	2.212%
16	9.392	1227	1231	1240	rVB	4753998	10114220	35.86%	1.119%
17	9.526	1248	1253	1258	rVB2	1371885	2455148	8.70%	0.272%
18	9.618	1258	1268	1276	rVB3	4131081	10353314	36.71%	1.146%
19	9.764	1285	1292	1303	rVB2	6686862	14937167	52.96%	1.653%
20	9.904	1303	1315	1320	rBV	6980289	15840198	56.16%	1.753%
21	9.959	1320	1324	1326	rVV3	2032607	3635035	12.89%	0.402%
22	9.995	1326	1330	1338	rVB	6379423	12207093	43.28%	1.351%
23	10.105	1338	1348	1360	rBV2	9581976	26901613	95.38%	2.977%
24	10.252	1360	1372	1378	rBV4	2995470	7090213	25.14%	0.785%
25	10.331	1378	1385	1389	rBV	11471731	24305039	86.17%	2.690%
26	10.367	1389	1391	1396	rVB	4969575	6422050	22.77%	0.711%
27	10.453	1396	1405	1408	rBV	3509697	6818727	24.18%	0.755%
28	10.502	1408	1413	1421	rVB5	6389700	17713313	62.80%	1.960%
29	10.617	1427	1432	1436	rBV4	1239987	2236979	7.93%	0.248%
30	10.672	1436	1441	1448	rVB	6869668	12238955	43.39%	1.354%
31	10.764	1448	1456	1466	rBV5	7272895	20076075	71.18%	2.222%
32	10.849	1466	1470	1476	rVB	3400523	6042099	21.42%	0.669%
33	10.940	1476	1485	1490	rBV	5429543	10885307	38.59%	1.205%
34	11.038	1490	1501	1509	rBV3	5259121	15916837	56.43%	1.761%
35	11.111	1509	1513	1516	rVV2	3049856	4984187	17.67%	0.552%
36	11.184	1520	1525	1529	rVV	9710074	18161445	64.39%	2.010%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	11.239	1529	1534	1539	rVV	10381497	20302869	71.98%	2.247%
38	11.288	1539	1542	1546	rVV2	3479741	5883134	20.86%	0.651%
39	11.343	1546	1551	1555	rVV2	4733519	8364474	29.66%	0.926%
40	11.410	1555	1562	1565	rVV	5789301	13441962	47.66%	1.488%
41	11.440	1565	1567	1574	rVB3	5533723	9116874	32.32%	1.009%
42	11.514	1574	1579	1594	rBV	7783889	16245686	57.60%	1.798%
43	11.629	1594	1598	1603	rBV3	1881378	3117884	11.05%	0.345%
44	11.733	1610	1615	1618	rBV2	4332870	7015063	24.87%	0.776%
45	11.770	1618	1621	1624	rVV2	2615772	3836227	13.60%	0.425%
46	11.837	1624	1632	1635	rVV4	4251428	13374471	47.42%	1.480%
47	11.873	1635	1638	1642	rVV	6227293	10826398	38.38%	1.198%
48	11.916	1642	1645	1650	rVB2	4609112	7690897	27.27%	0.851%
49	12.068	1661	1670	1675	rVB4	1527442	4986692	17.68%	0.552%
50	12.135	1675	1681	1688	rBV2	7222003	16830142	59.67%	1.863%
51	12.251	1696	1700	1704	rVB	4552288	7193152	25.50%	0.796%
52	12.343	1704	1715	1719	rBV5	6026465	19288600	68.39%	2.135%
53	12.647	1763	1765	1769	rVB	2151035	2593737	9.20%	0.287%
54	12.696	1769	1773	1778	rVB4	2310433	3753320	13.31%	0.415%
55	12.794	1783	1789	1795	rVB3	4139537	10061210	35.67%	1.113%
56	12.867	1795	1801	1804	rBV	6081033	10923346	38.73%	1.209%
57	12.897	1804	1806	1809	rVV	3959845	5803110	20.57%	0.642%
58	12.940	1809	1813	1819	rVB	7077837	12277613	43.53%	1.359%
59	13.080	1831	1836	1837	rBV3	1636100	2438113	8.64%	0.270%
60	13.166	1846	1850	1858	rVB4	3064180	6177231	21.90%	0.684%
61	13.251	1858	1864	1875	rVB	14438910	26034952	92.30%	2.881%
62	13.440	1892	1895	1899	rVB4	1294635	1878390	6.66%	0.208%
63	13.483	1899	1902	1905	rBV3	1226837	1418359	5.03%	0.157%
64	13.586	1915	1919	1923	rVV	4442676	6819028	24.18%	0.755%
65	13.714	1935	1940	1943	rBV	6717152	11222592	39.79%	1.242%
66	13.751	1943	1946	1949	rVV2	4174700	6736977	23.89%	0.746%
67	13.794	1949	1953	1962	rVB4	7153564	15629886	55.41%	1.730%
68	13.879	1962	1967	1972	rBV2	4237038	7823458	27.74%	0.866%
69	13.946	1974	1978	1983	rVB	2550062	3437851	12.19%	0.380%
70	14.007	1984	1988	1991	rBV	3718887	6522770	23.13%	0.722%
71	14.092	1997	2002	2010	rBV	17464034	27400240	97.14%	3.032%
72	14.202	2015	2020	2026	rVB2	7281962	13134951	46.57%	1.454%
73	14.269	2026	2031	2037	rBV4	2089149	4469139	15.84%	0.495%
74	14.336	2037	2042	2046	rBV3	2591496	4454692	15.79%	0.493%
75	14.415	2046	2055	2059	rVV	11593154	22795757	80.82%	2.523%
76	14.452	2059	2061	2064	rVV	4298620	5238566	18.57%	0.580%

Sample Results: **VW031797.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

77	14.495	2064	2068	2072	rVV	6827067	9500870	33.68%	1.051%
78	14.537	2072	2075	2082	rVB3	1768157	3184982	11.29%	0.352%
79	14.598	2082	2085	2088	rBV	1312126	1681286	5.96%	0.186%
80	14.635	2088	2091	2095	rVB	2018494	2766670	9.81%	0.306%
81	14.690	2095	2100	2103	rBV3	5509900	10721310	38.01%	1.186%
82	14.726	2103	2106	2111	rVB	5811482	8365260	29.66%	0.926%
83	14.793	2111	2117	2123	rBV3	9925522	28205684	100.00%	3.121%
84	14.848	2123	2126	2132	rVB	5822709	9253787	32.81%	1.024%
85	15.056	2150	2160	2165	rBV2	10958385	25394797	90.03%	2.810%
86	15.171	2173	2179	2186	rVB3	7334070	16910299	59.95%	1.871%
87	15.318	2198	2203	2207	rBV5	2648693	5188469	18.40%	0.574%
88	15.354	2207	2209	2214	rVB2	1624136	2252452	7.99%	0.249%
89	15.409	2214	2218	2221	rBV3	598922	1044559	3.70%	0.116%
90	15.464	2221	2227	2231	rBV2	2907297	5159991	18.29%	0.571%
91	15.513	2231	2235	2239	rBV4	1368553	2467910	8.75%	0.273%
92	15.647	2249	2257	2264	rBV3	3592480	8166332	28.95%	0.904%
93	15.720	2265	2269	2273	rVV2	789404	1476722	5.24%	0.163%
94	15.812	2275	2284	2295	rVB4	1708079	6587143	23.35%	0.729%
95	15.940	2300	2305	2310	rVV2	1331436	2383447	8.45%	0.264%
96	16.013	2310	2317	2323	rVV5	1398976	3691914	13.09%	0.409%
97	16.159	2333	2341	2346	rBV4	744613	1917683	6.80%	0.212%
98	16.427	2380	2385	2390	rBV2	700159	1523854	5.40%	0.169%
99	16.476	2390	2393	2405	rVB3	549908	1109010	3.93%	0.123%
100	16.635	2410	2419	2430	rVB2	1051825	2972782	10.54%	0.329%

Sum of corrected areas: 903626316

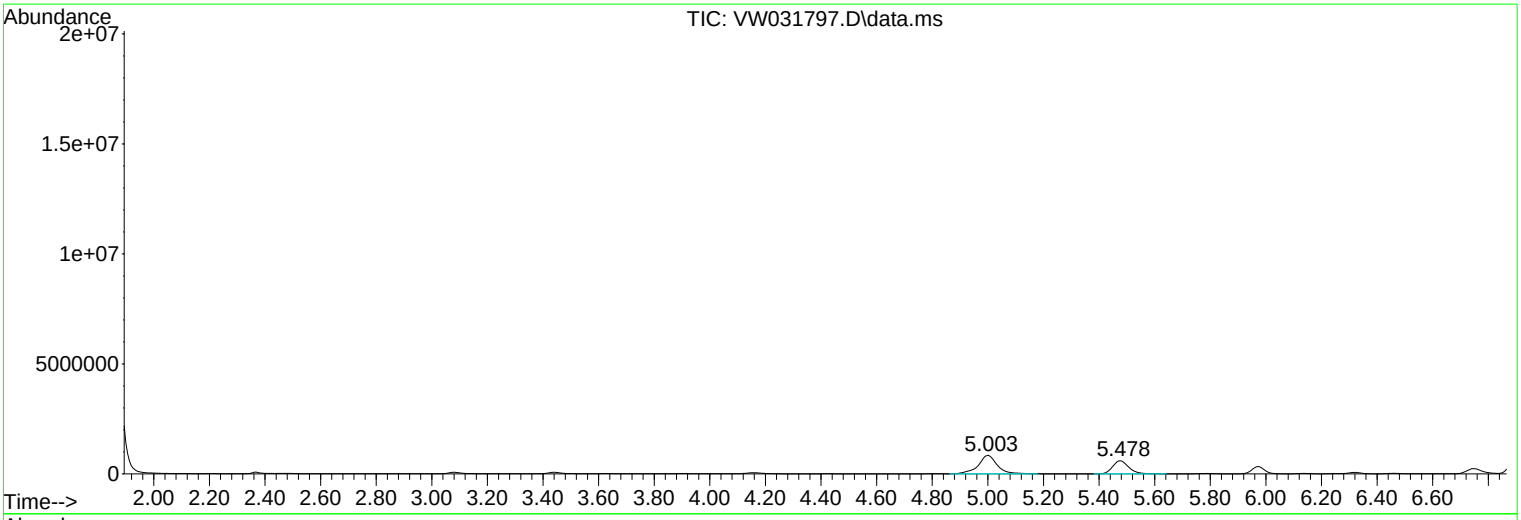
Sample Results: **VW031797.D**

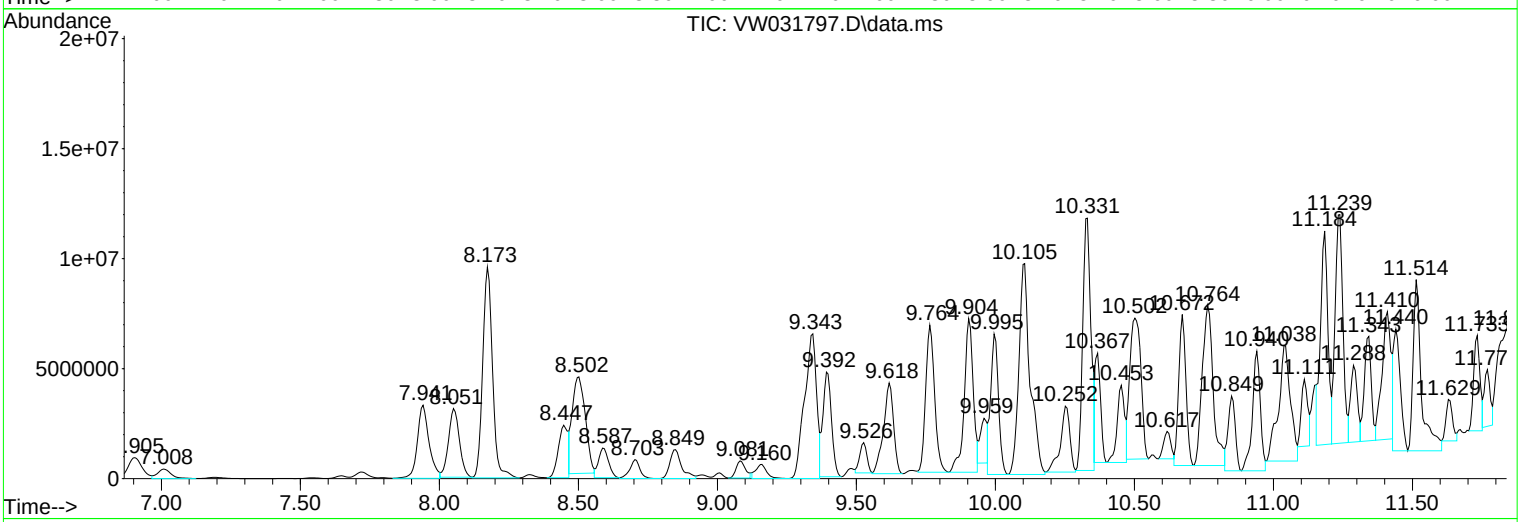
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

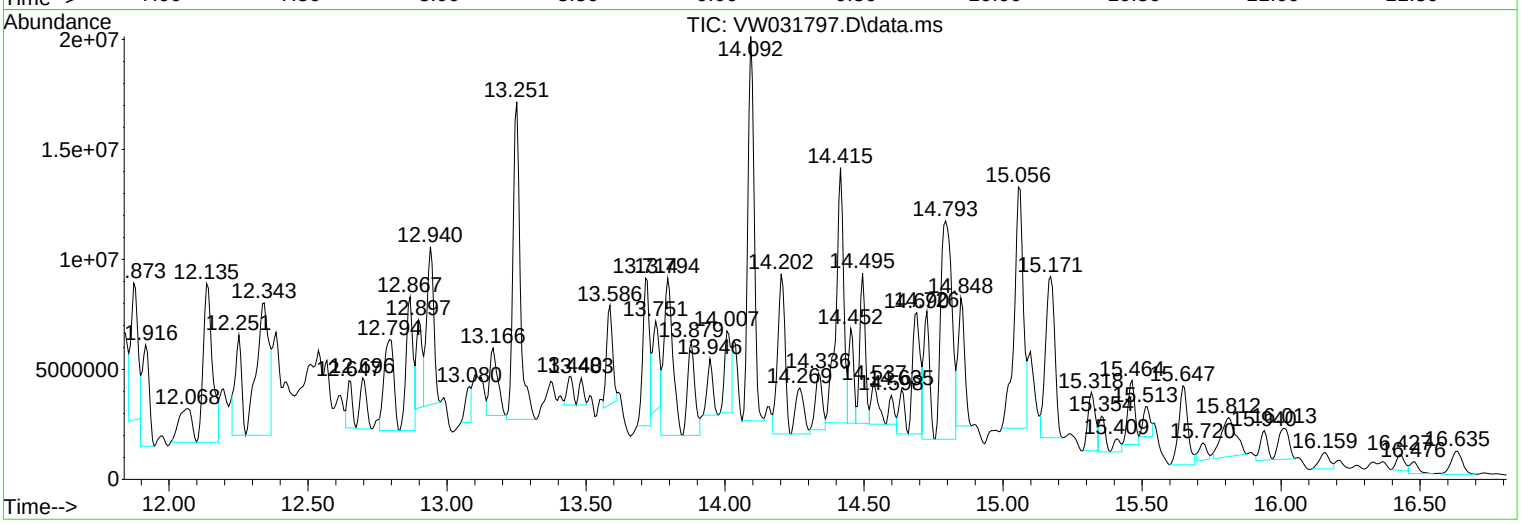
Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

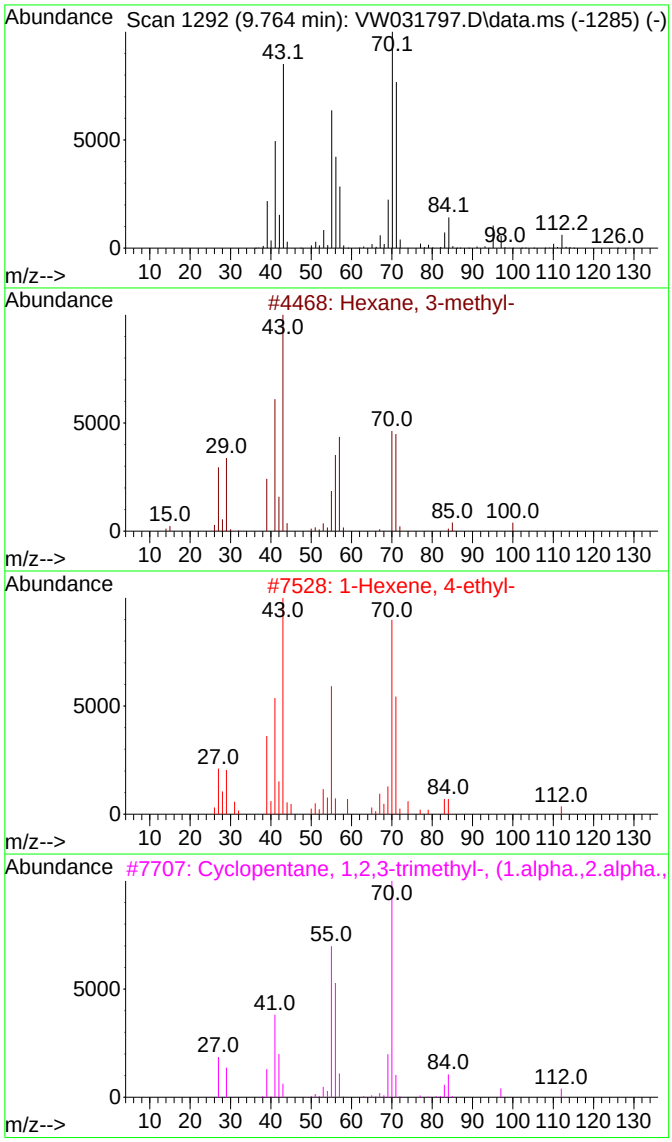
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

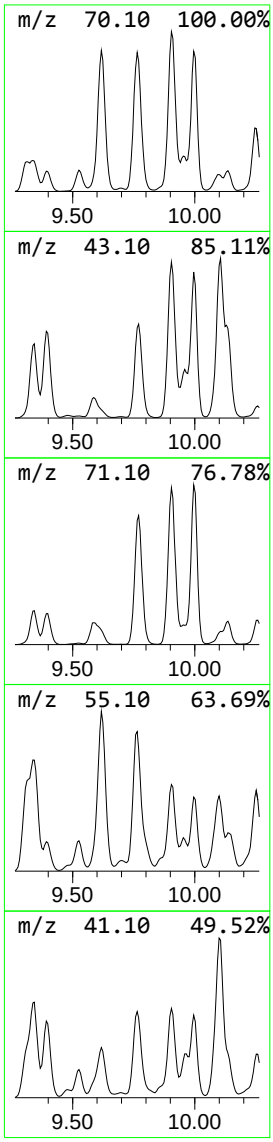
****

Peak Number 1 Hexane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.764	194.88 ug/l	14937200	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
2	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	53
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
4	Propanoic acid, 2-methyl-, 2-met...	172	C10H20O2	084254-82-0	43
5	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

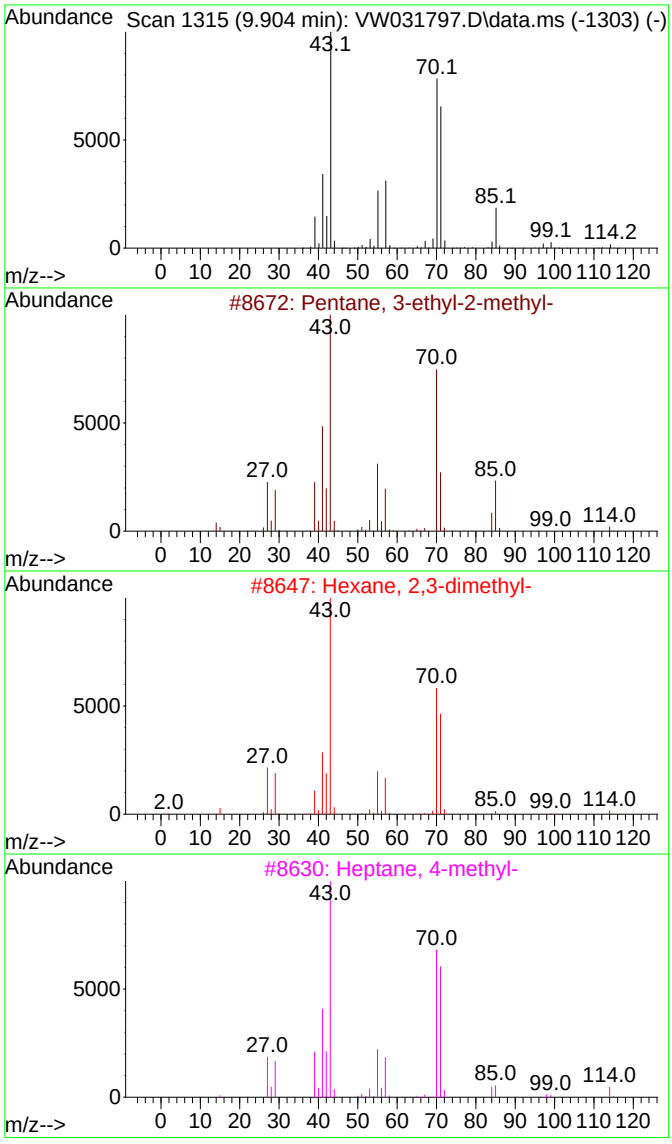
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

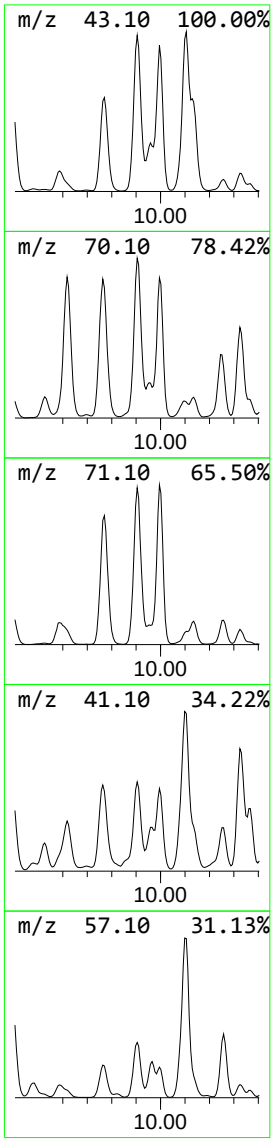
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.904	206.67 ug/l	15840200	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	83
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
5	Pyrrolidine	71	C4H9N	000123-75-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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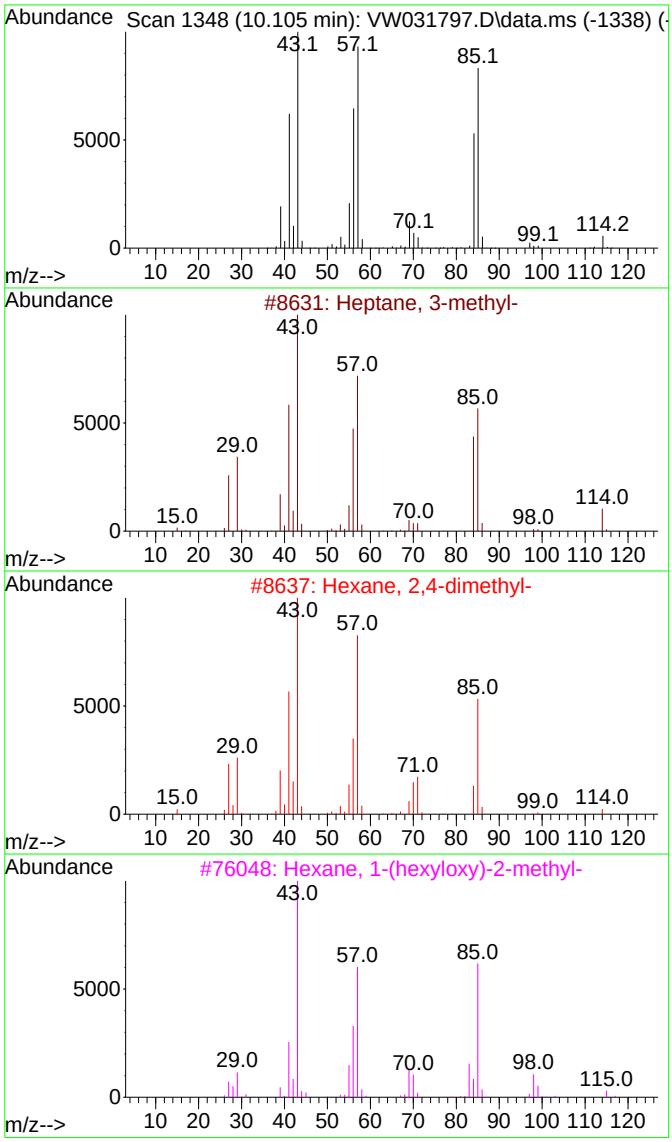
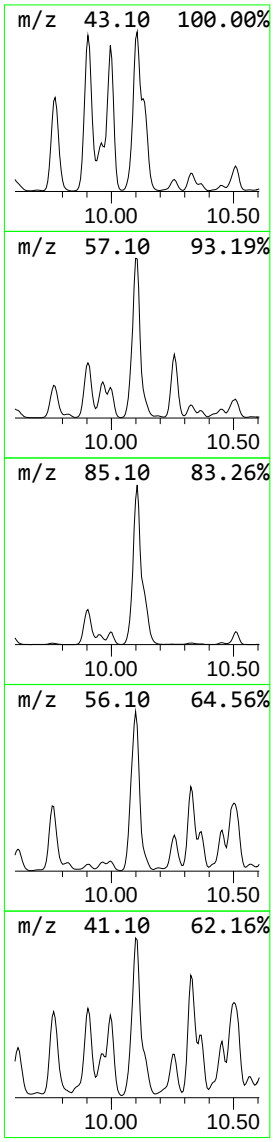
Peak Number 3 Heptane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.105	350.98 ug/l	26901600	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59





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Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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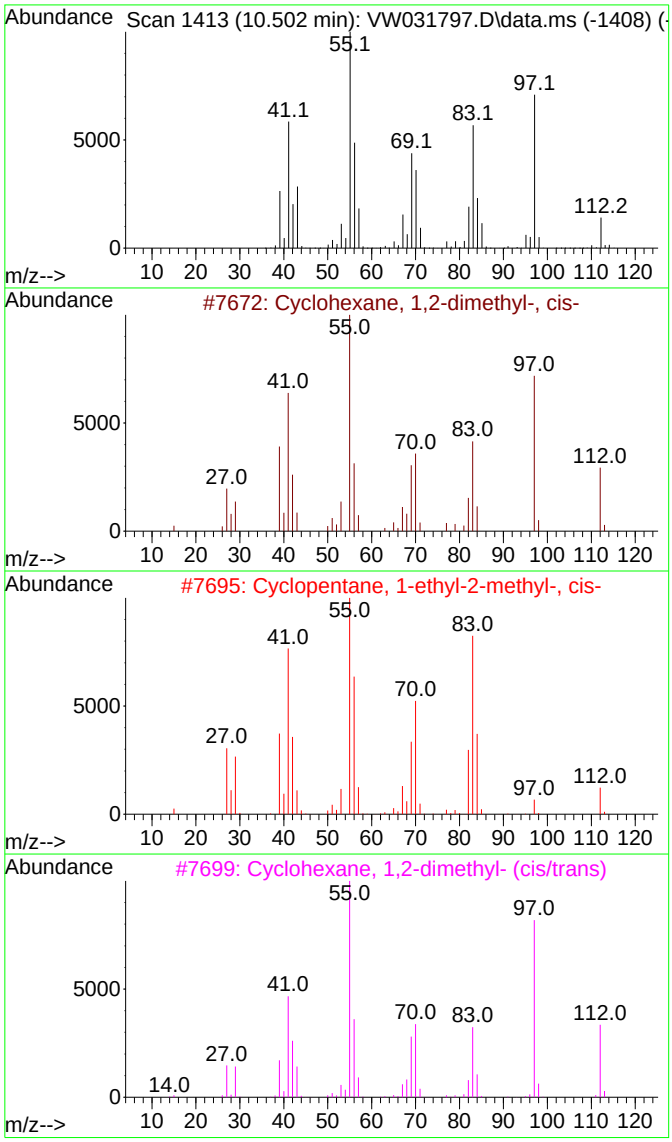
Quant Title : SW846 8260

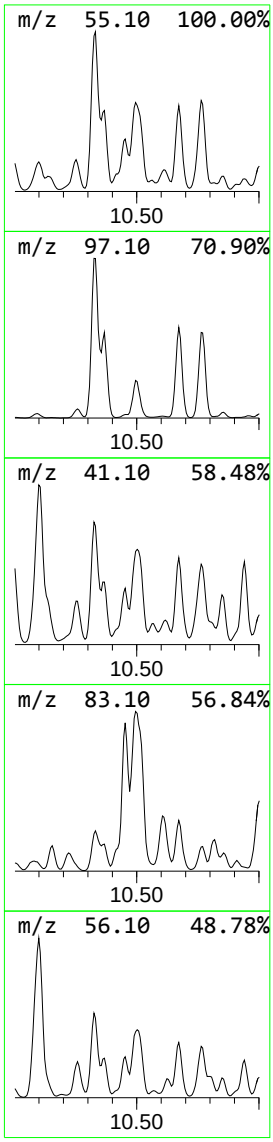
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	284.06 ug/l	17713300	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	81
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	76
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	62
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	58





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Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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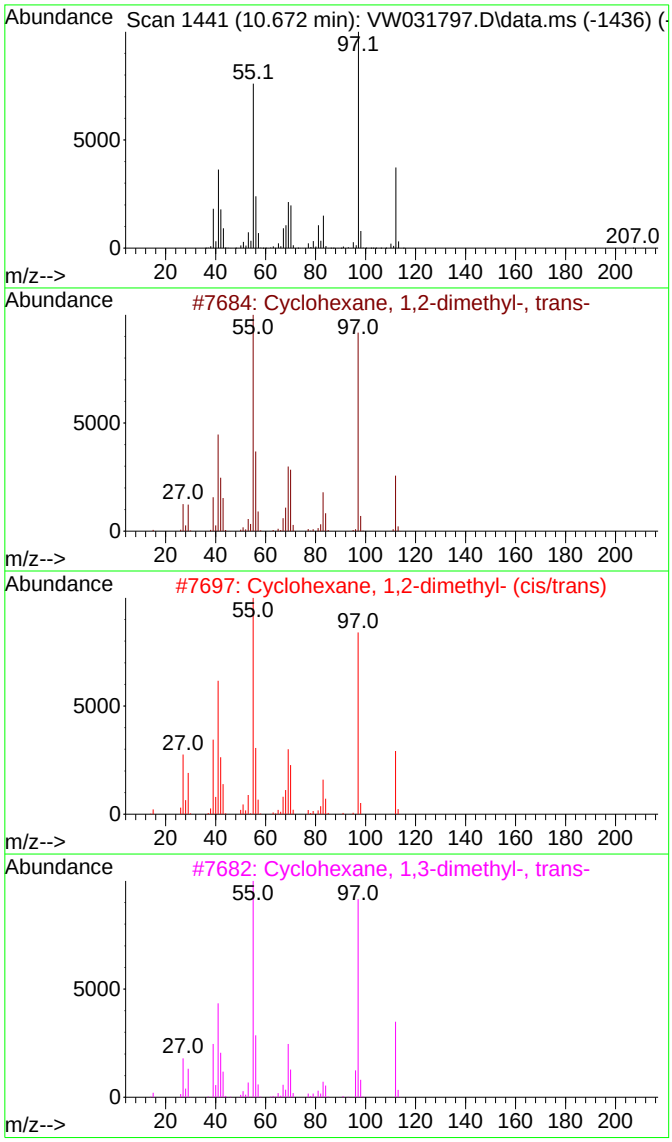
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

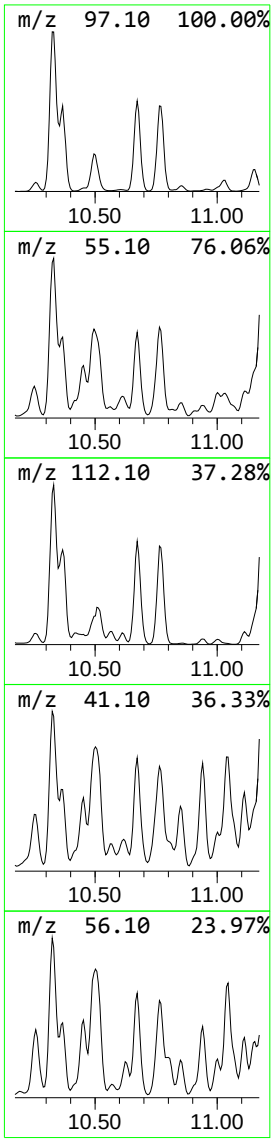
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.672	196.27 ug/l	12239000	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	74





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Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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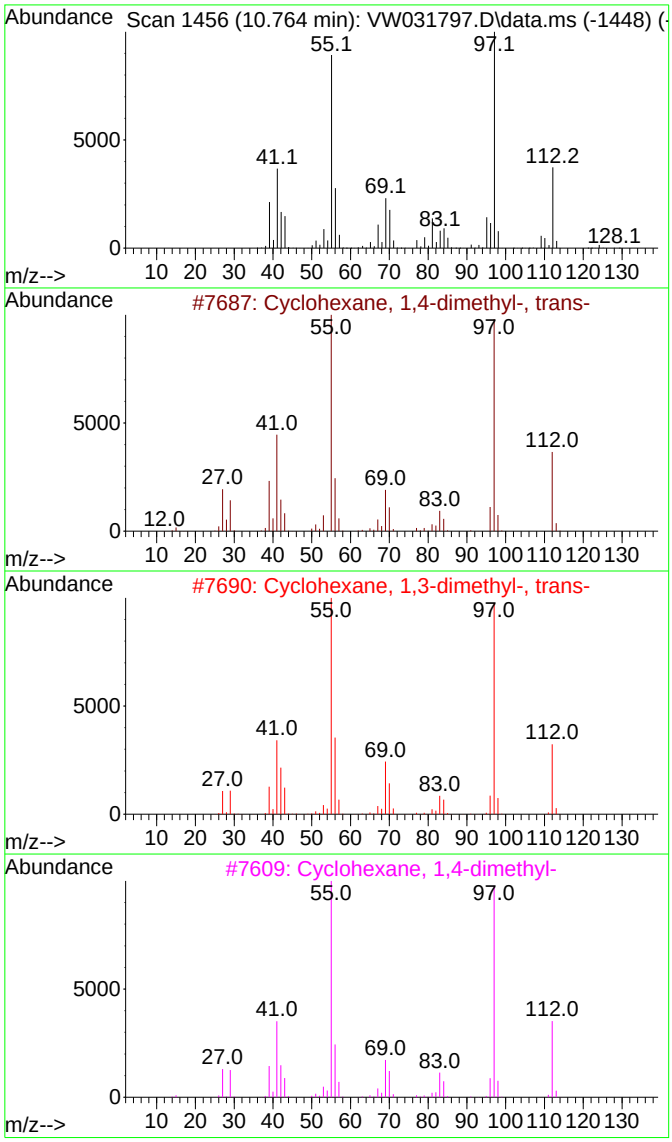
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

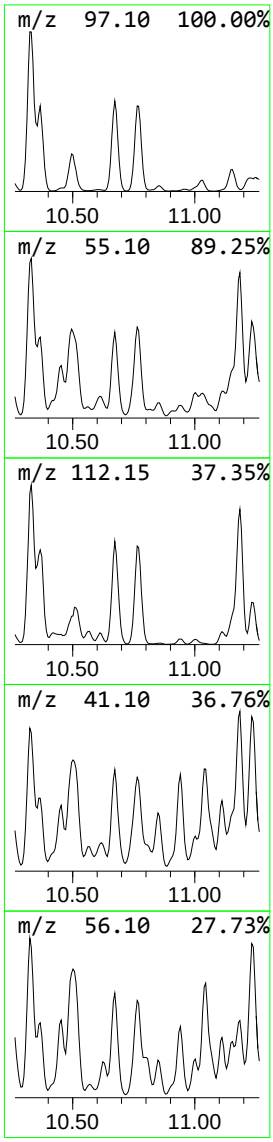
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	321.95 ug/l	20076100	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	86
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	81





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Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

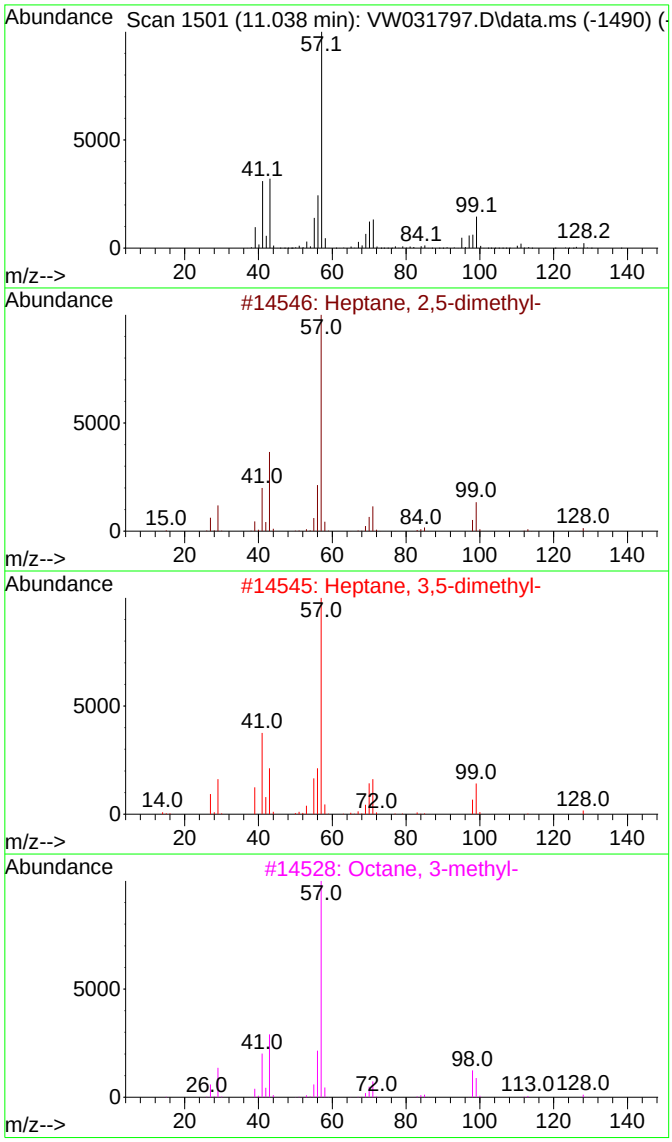
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

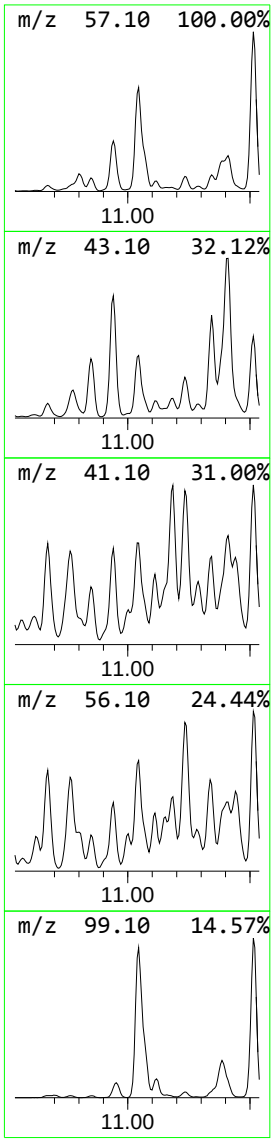
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	255.25 ug/l	15916800	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	53
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260

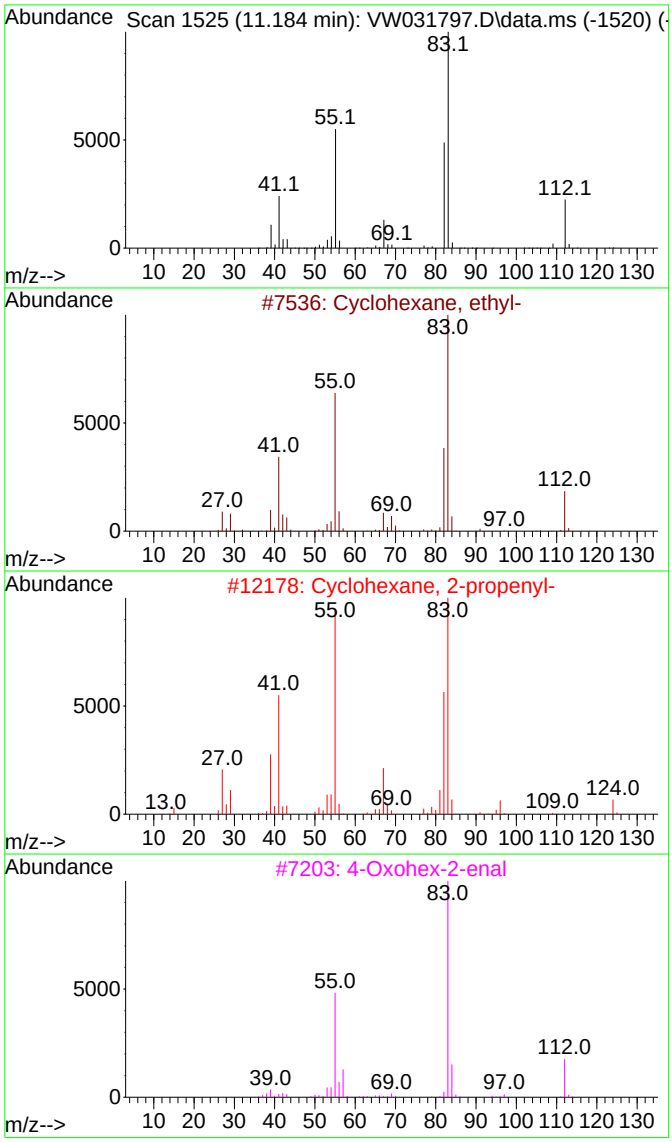
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

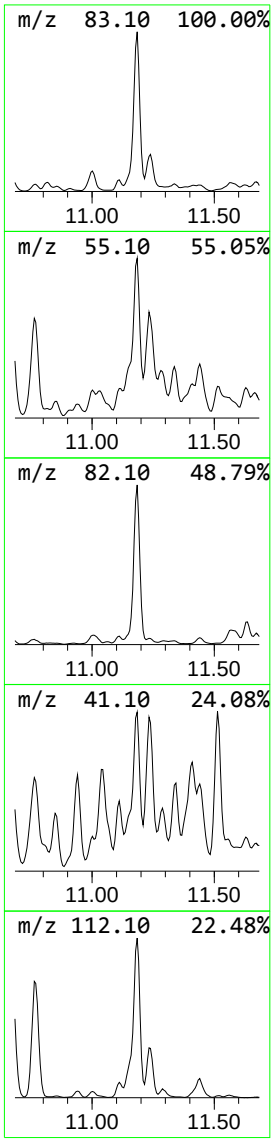
****

Peak Number 8 Cyclohexane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.184	291.25 ug/l	18161400	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56
3	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	50
4	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50
5	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	50





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Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

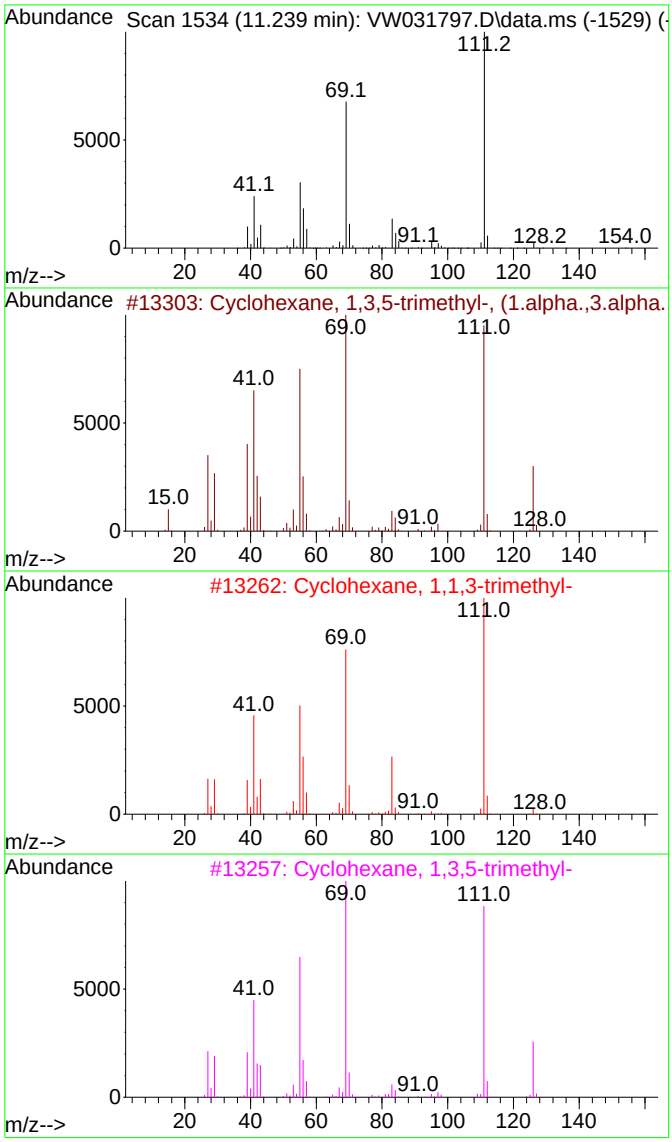
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

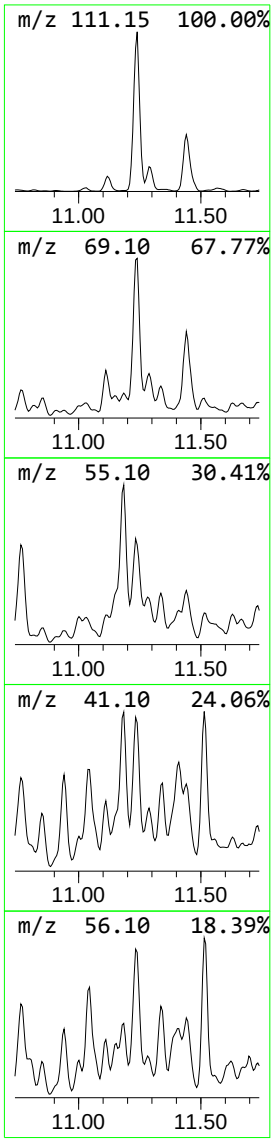
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,3,5-trimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	325.59 ug/l	20302900	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
4	Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	42
5	1-Aminocyclopropanecarboxylic ac...	156	C7H12N2O2	1000375-50-8	42





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Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

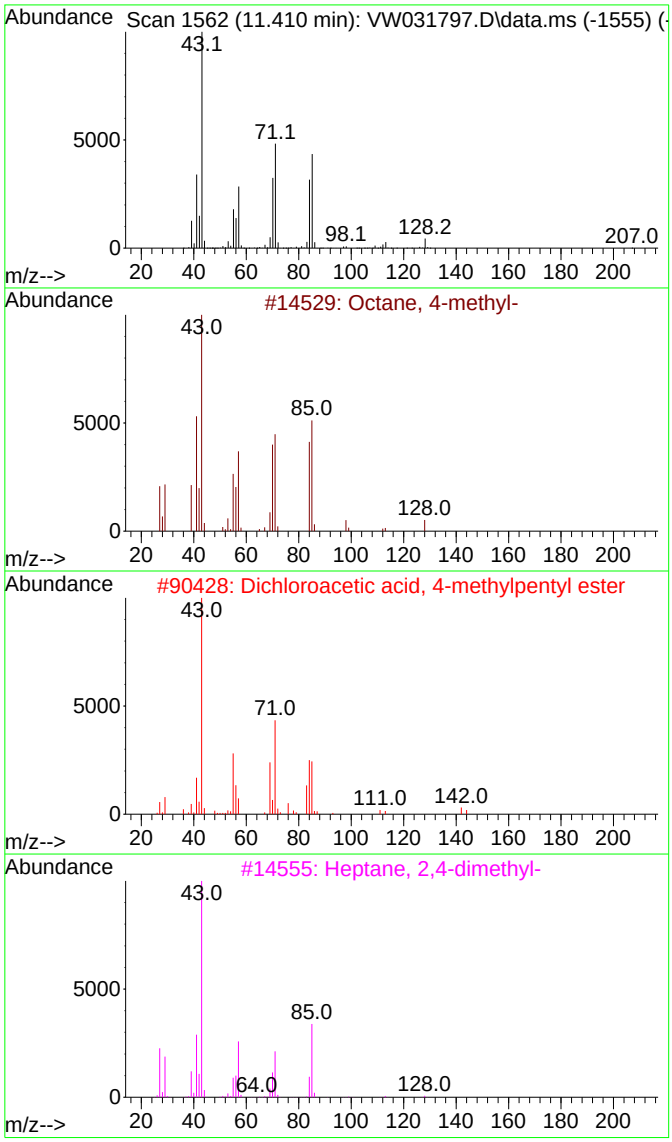
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

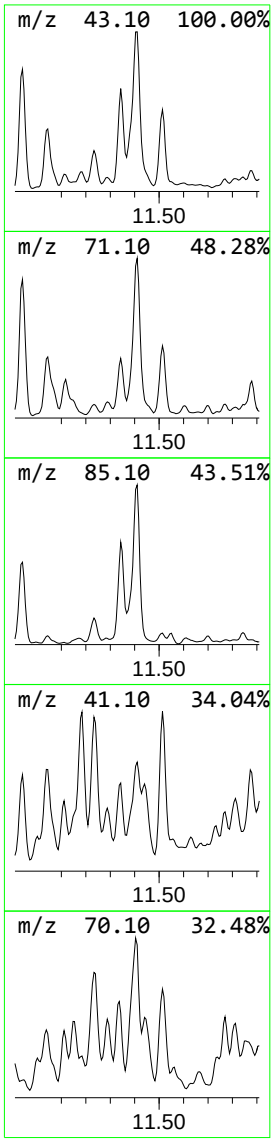
****

Peak Number 10 Octane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	215.56 ug/l	13442000	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	53
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	50
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50





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Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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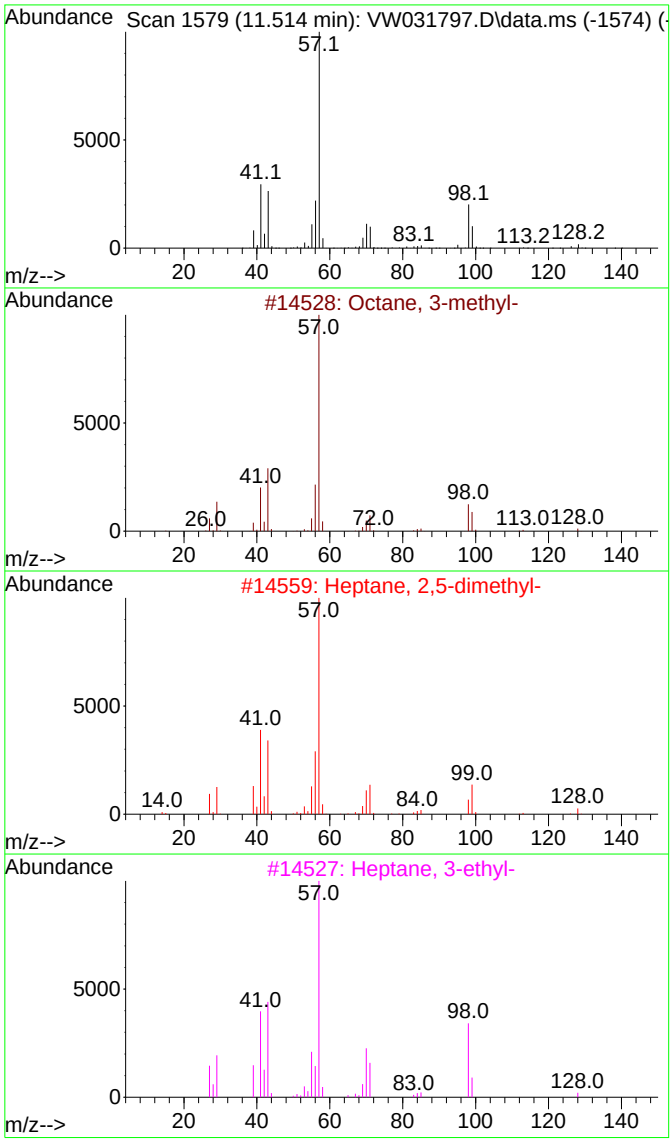
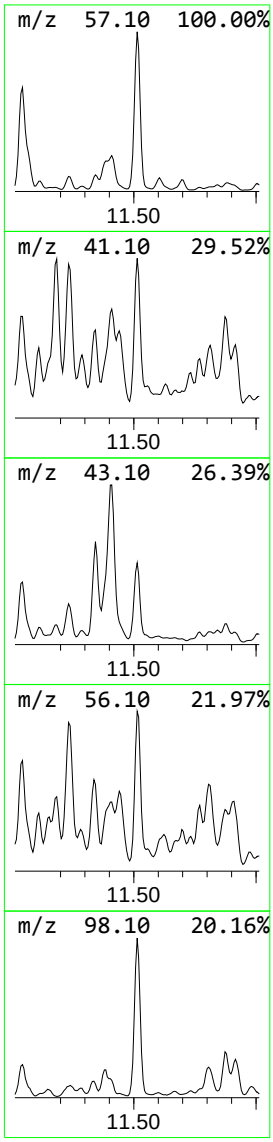
Peak Number 11 Octane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	260.52 ug/l	16245700	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	52
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	50





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ALS Vial  : 9   Sample Multiplier: 1

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TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
MSVOA_W
ClientSampleId :
GPX6

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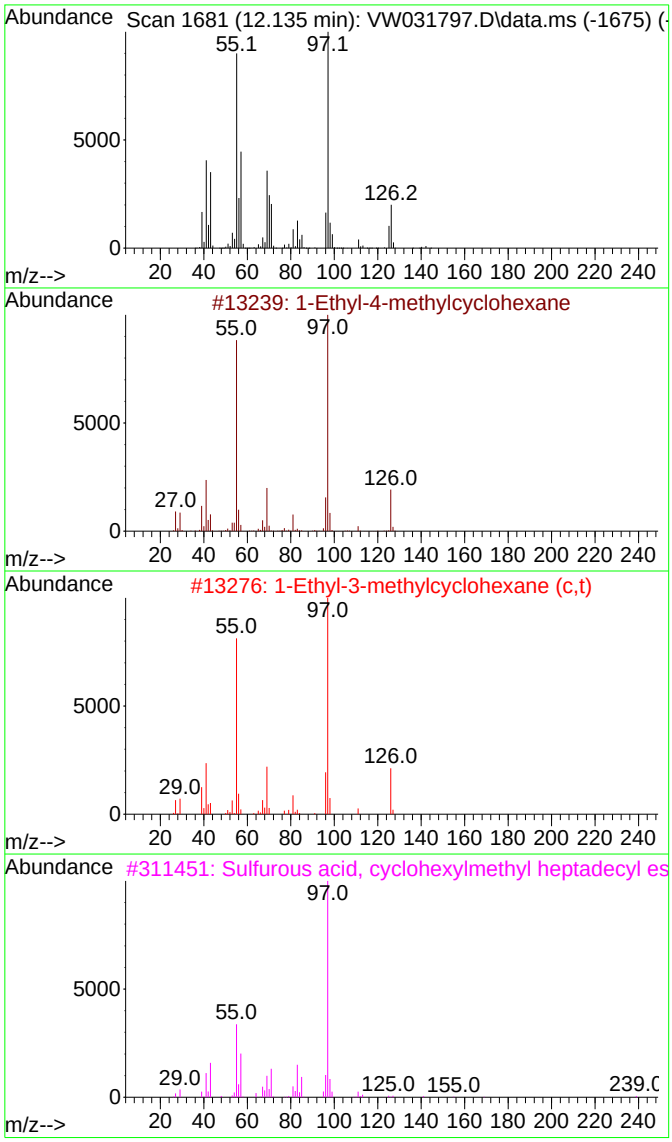
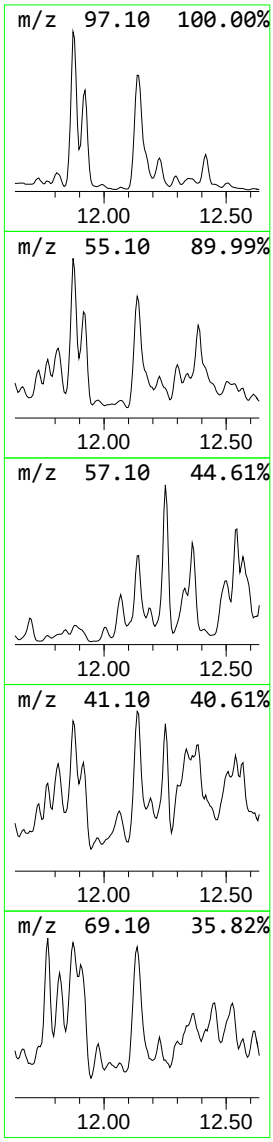
Peak Number 12 1-Ethyl-4-methylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	269.90 ug/l	16830100	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	70
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52





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Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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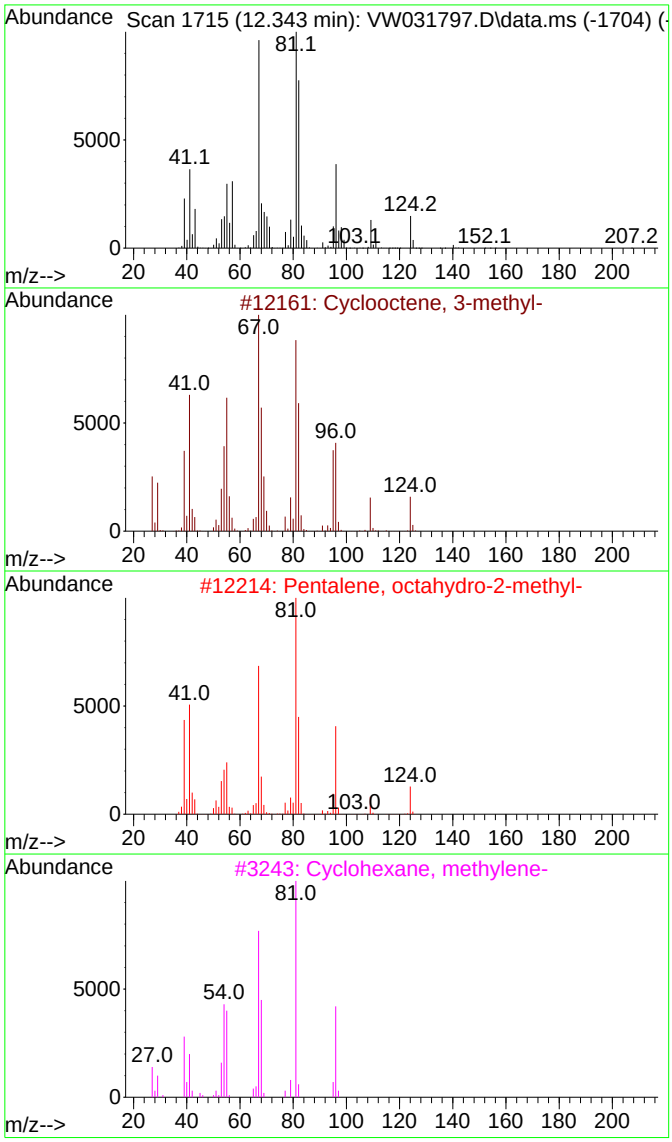
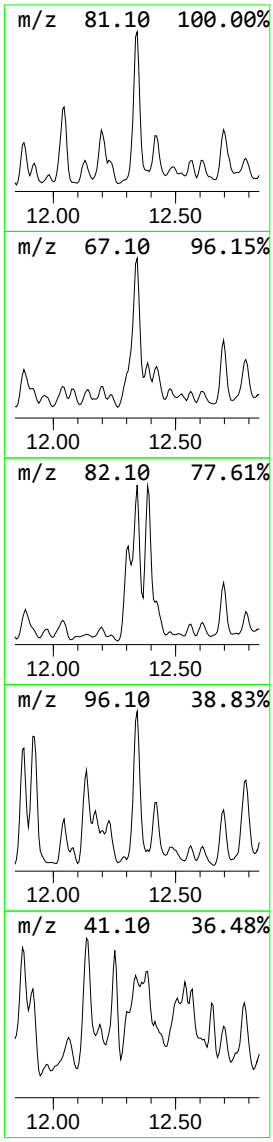
Peak Number 13 Cyclooctene, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.343	309.32 ug/l	19288600	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	68
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	49
4	Cyclopentene, 3-methyl-1-(1-meth...	124	C9H16	051115-02-7	49
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

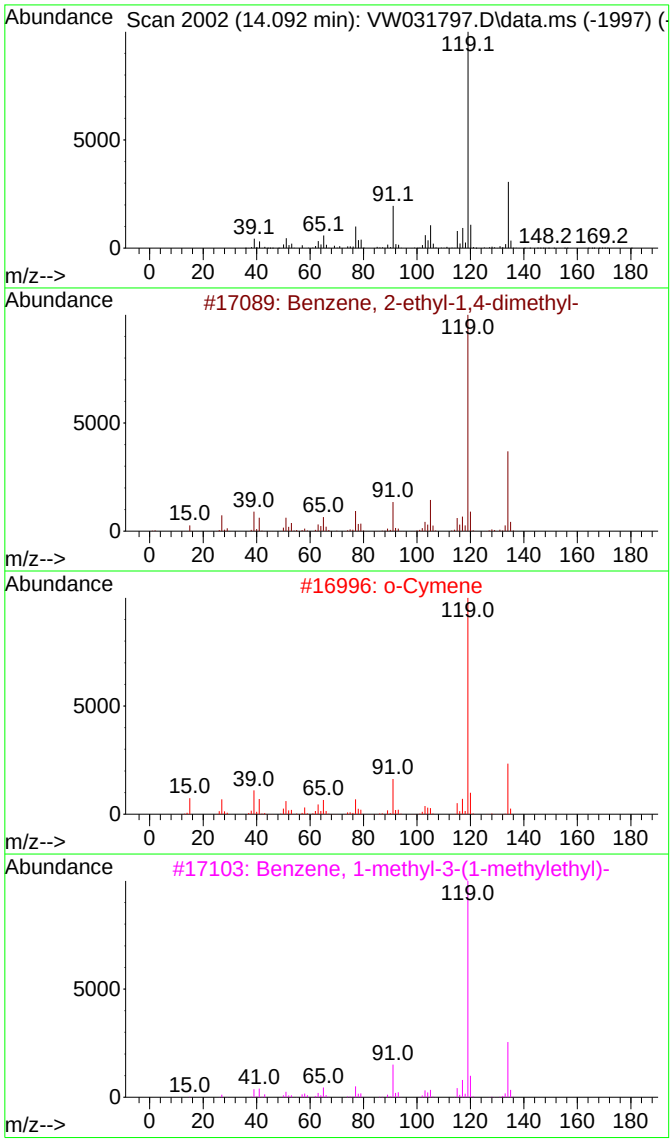
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

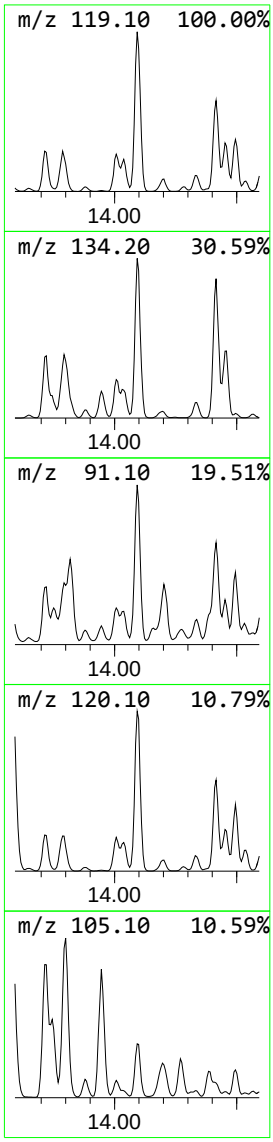
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	200.91 ug/l	27400200	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

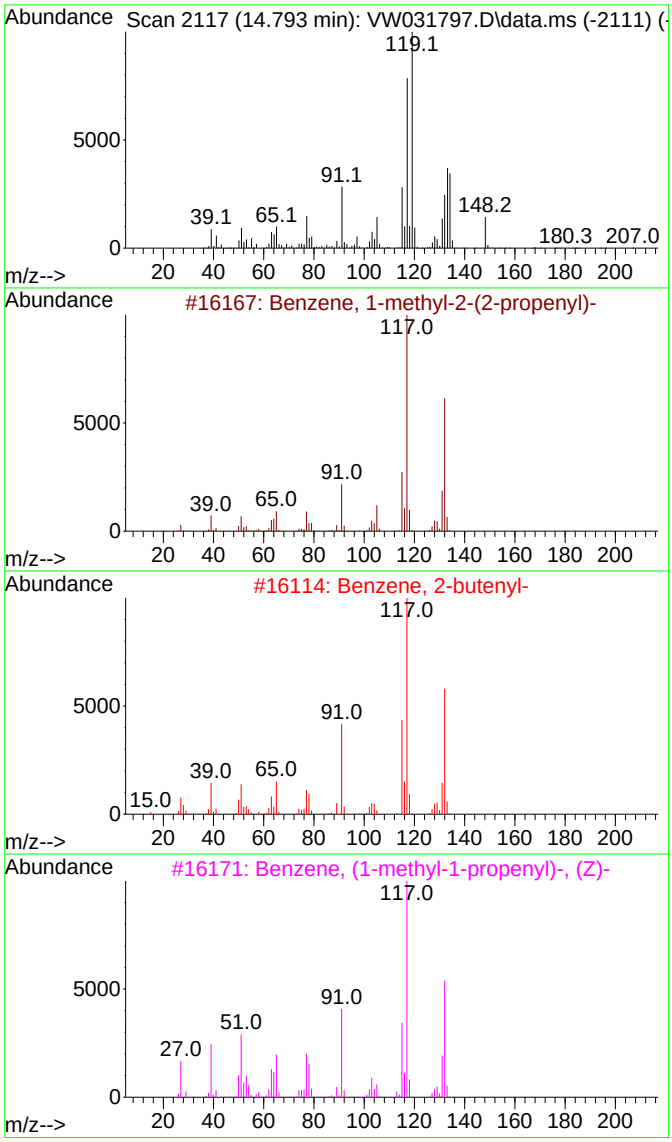
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

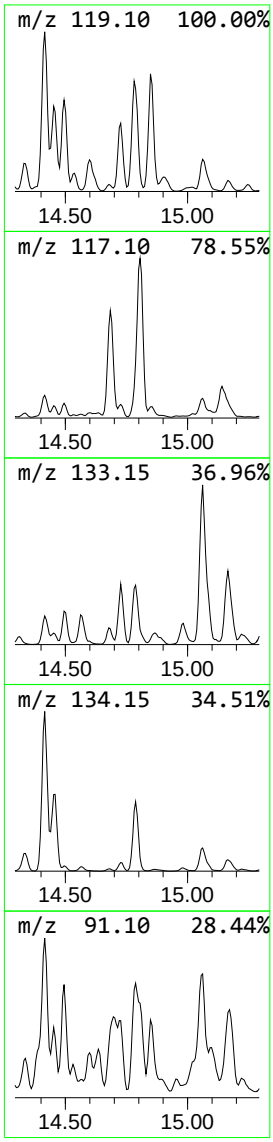
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	206.82 ug/l	28205700	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 3-methyl-	9.764	194.9	ug/l	14937200	2	8.855	3832310	50.0
Pentane, 3-ethy...	9.904	206.7	ug/l	15840200	2	8.855	3832310	50.0
Heptane, 3-methyl-	10.105	351.0	ug/l	26901600	2	8.855	3832310	50.0
Cyclohexane, 1,...	10.502	284.1	ug/l	17713300	3	11.629	3117880	50.0
Cyclohexane, 1,...	10.672	196.3	ug/l	12239000	3	11.629	3117880	50.0
Cyclohexane, 1,...	10.764	321.9	ug/l	20076100	3	11.629	3117880	50.0
Heptane, 2,5-di...	11.038	255.3	ug/l	15916800	3	11.629	3117880	50.0
Cyclohexane, et...	11.184	291.3	ug/l	18161400	3	11.629	3117880	50.0
Cyclohexane, 1,...	11.239	325.6	ug/l	20302900	3	11.629	3117880	50.0
Octane, 4-methyl-	11.410	215.6	ug/l	13442000	3	11.629	3117880	50.0
Octane, 3-methyl-	11.514	260.5	ug/l	16245700	3	11.629	3117880	50.0
1-Ethyl-4-methy...	12.135	269.9	ug/l	16830100	3	11.629	3117880	50.0
Cyclooctene, 3-...	12.343	309.3	ug/l	19288600	3	11.629	3117880	50.0
Benzene, 2-ethy...	14.092	200.9	ug/l	27400200	4	13.556	6819030	50.0
Benzene, 1-meth...	14.793	206.8	ug/l	28205700	4	13.556	6819030	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046956.D
Acq On : 10 Jul 2025 19:20
Operator : JC/MD
Sample : Q2480-06ME 10X
Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 01:38:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	352552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	617302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	282479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	237906	51.080	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.160%			
35) Dibromofluoromethane	5.397	113	198418	47.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.700%			
50) Toluene-d8	8.647	98	739021	49.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.079	95	289792	51.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.385	83	30073	4.252	ug/l	91
67) Ethyl Benzene	10.195	91	31018	1.487	ug/l	97
68) m/p-Xylenes	10.305	106	8349	1.062	ug/l	91
78) n-propylbenzene	11.305	91	42293	1.766	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21020	1.303	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	77750	4.767	ug/l	100
89) n-Butylbenzene	12.329	91	23853m	1.443	ug/l	
95) Naphthalene	13.774	128	27891	1.738	ug/l #	86

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

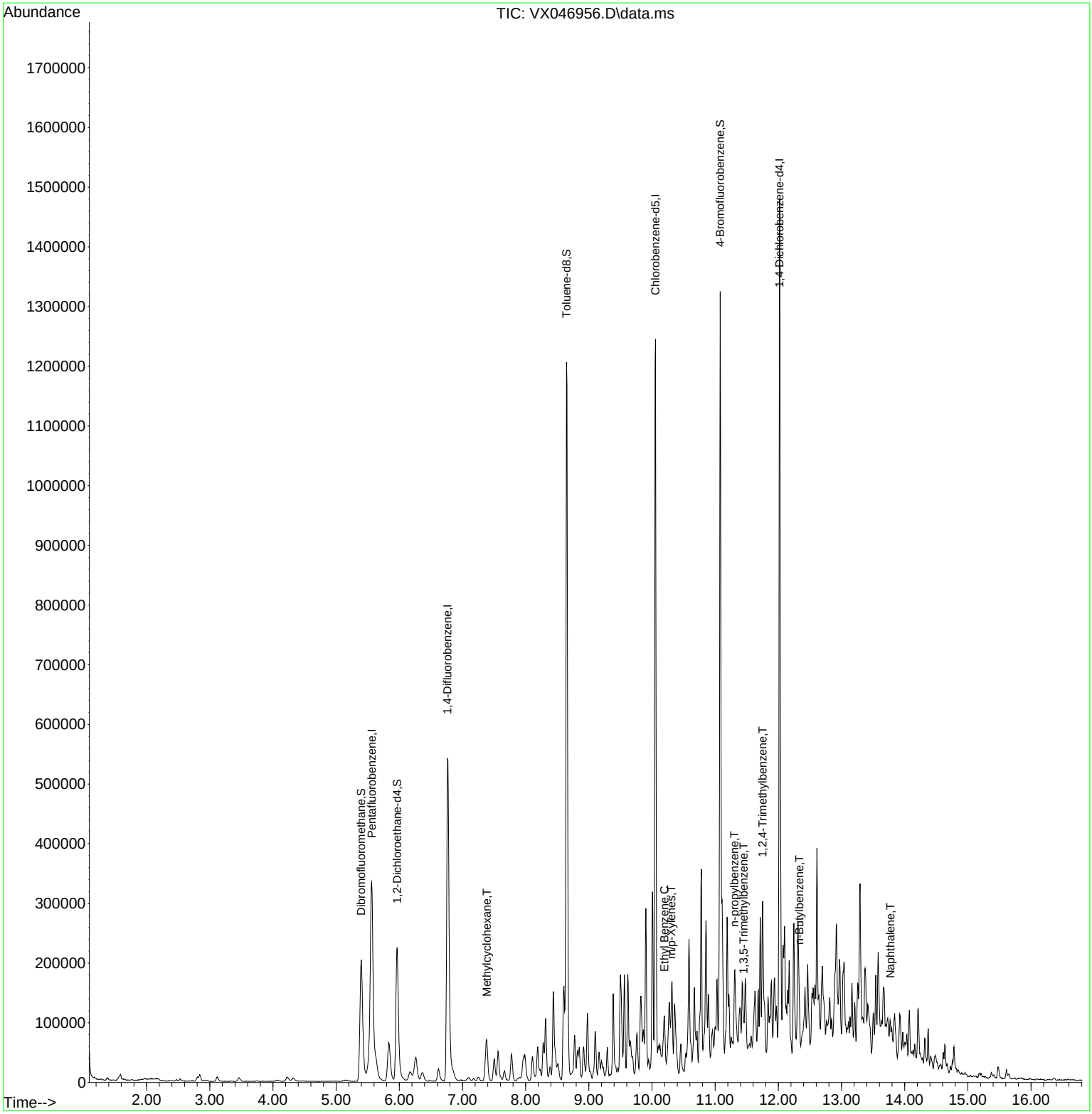
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046956.D
Acq On : 10 Jul 2025 19:20
Operator : JC/MD
Sample : Q2480-06ME 10X
Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

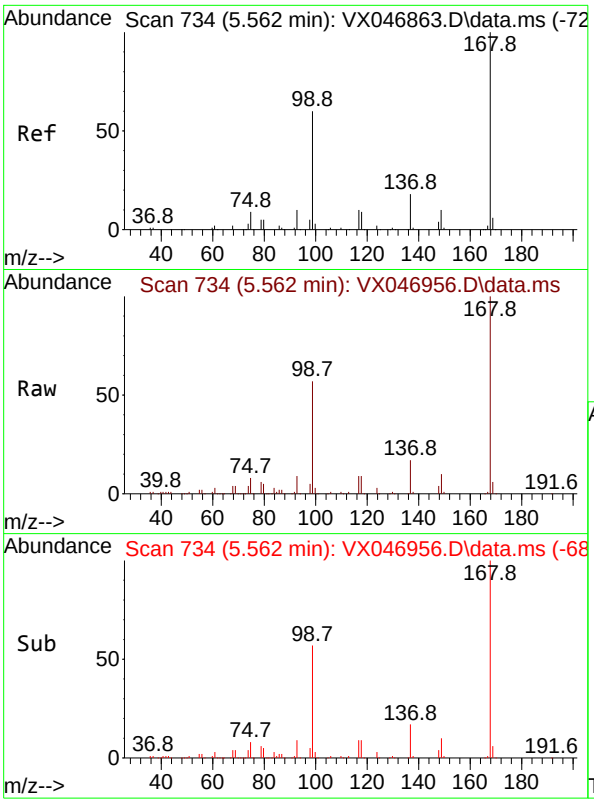
Quant Time: Jul 11 01:38:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

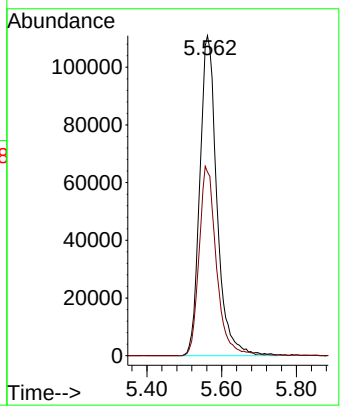




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:168 Resp: 35255

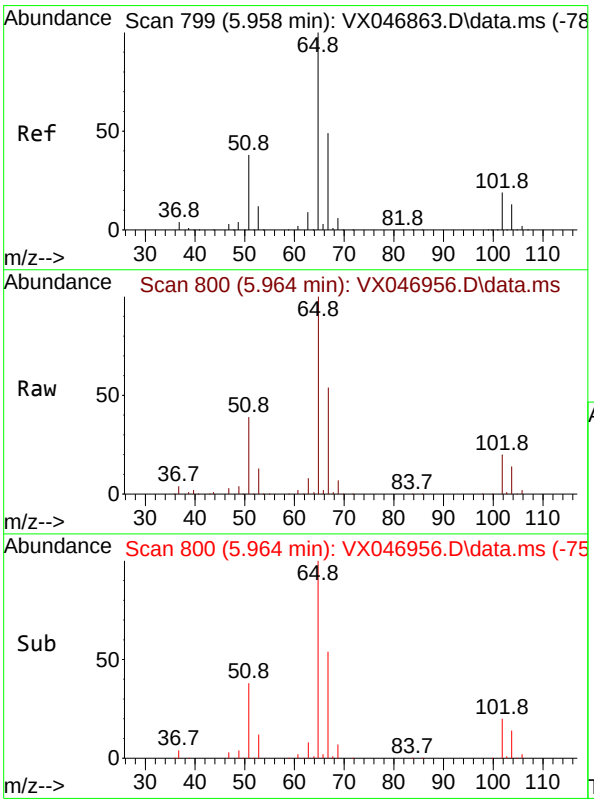
Ion	Ratio	Lower	Upper
168	100		
99	57.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations APPROVED

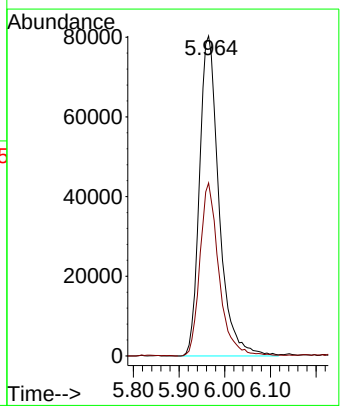
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

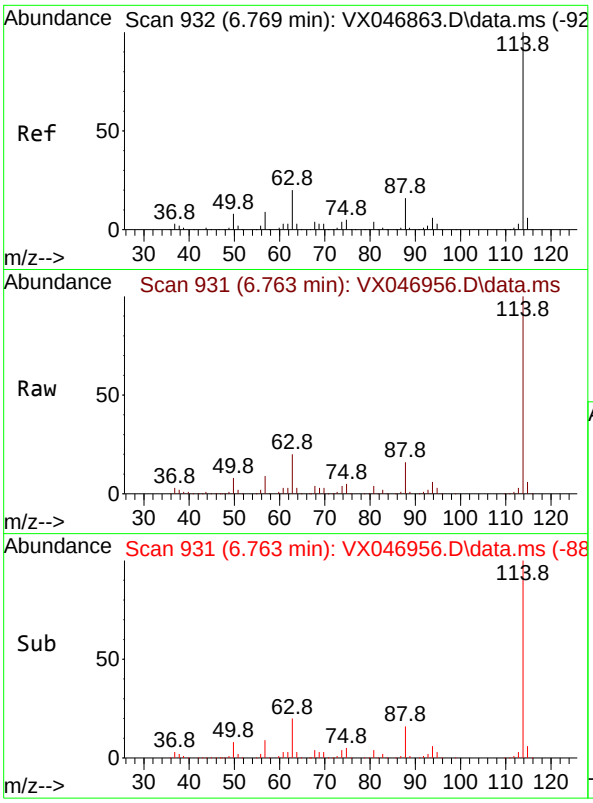


#33
1,2-Dichloroethane-d4
Concen: 51.080 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 65 Resp: 237906

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.2

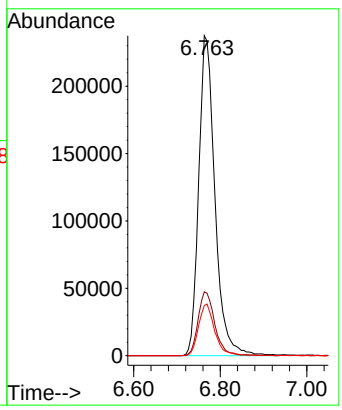




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:114 Resp: 61730

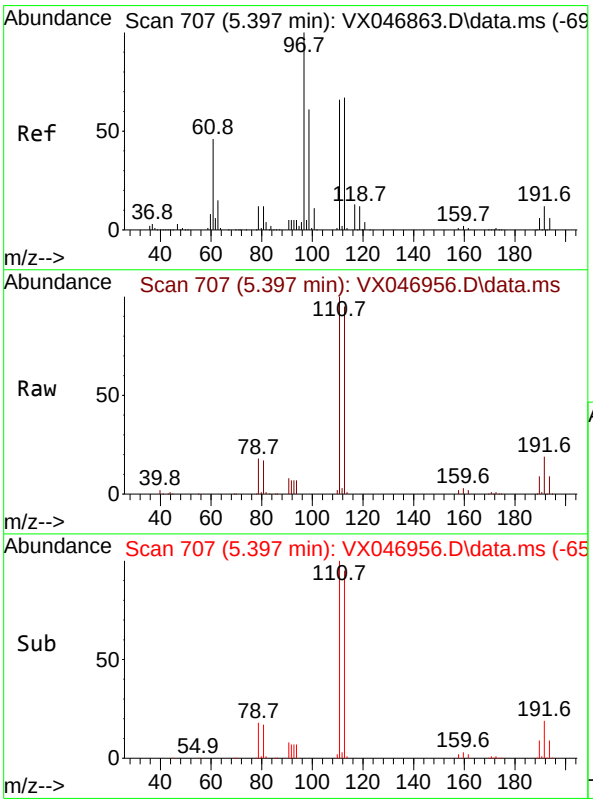
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.4
88	15.6	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

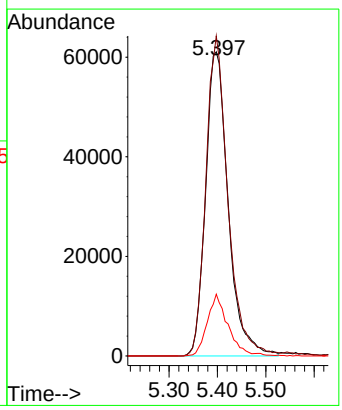
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

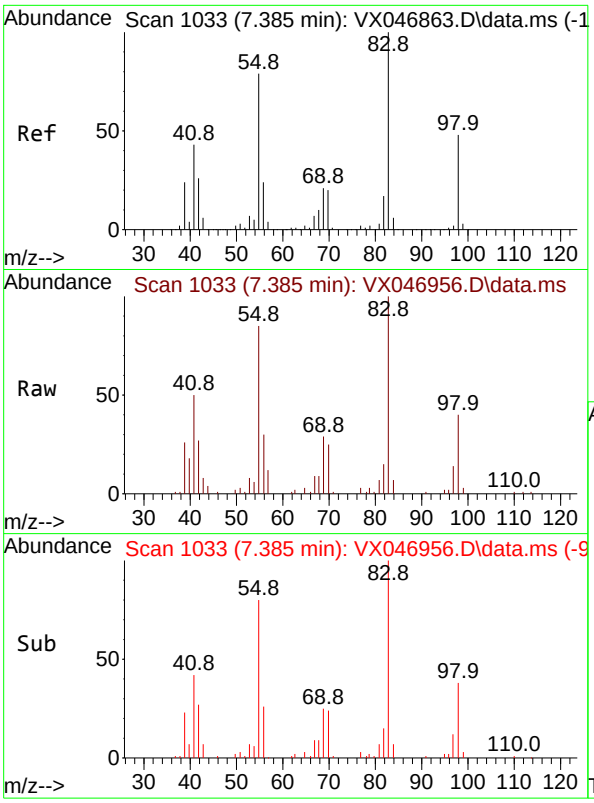


#35
Dibromofluoromethane
Concen: 47.352 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:113 Resp: 198418

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	18.7	15.3	22.9

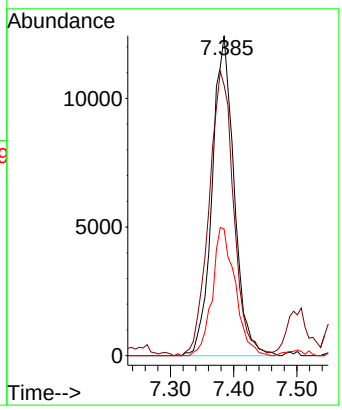




#39
Methylcyclohexane
Concen: 4.252 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 83 Resp: 3007

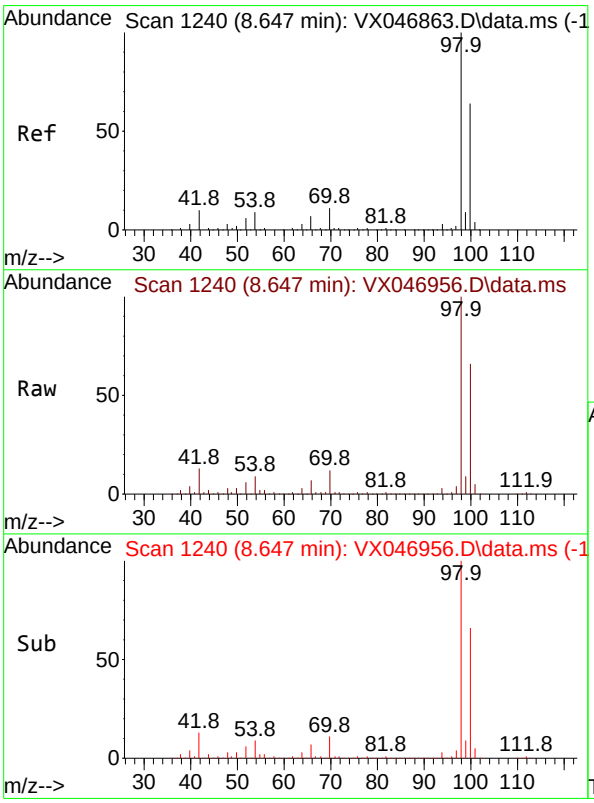
Ion	Ratio	Lower	Upper
83	100		
55	83.9	63.0	94.4
98	39.5	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

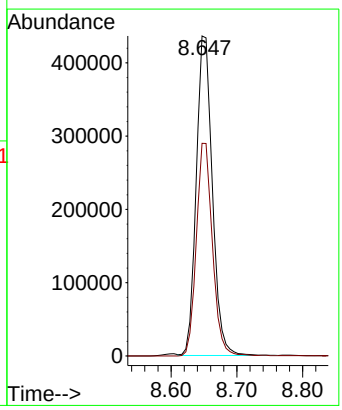
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

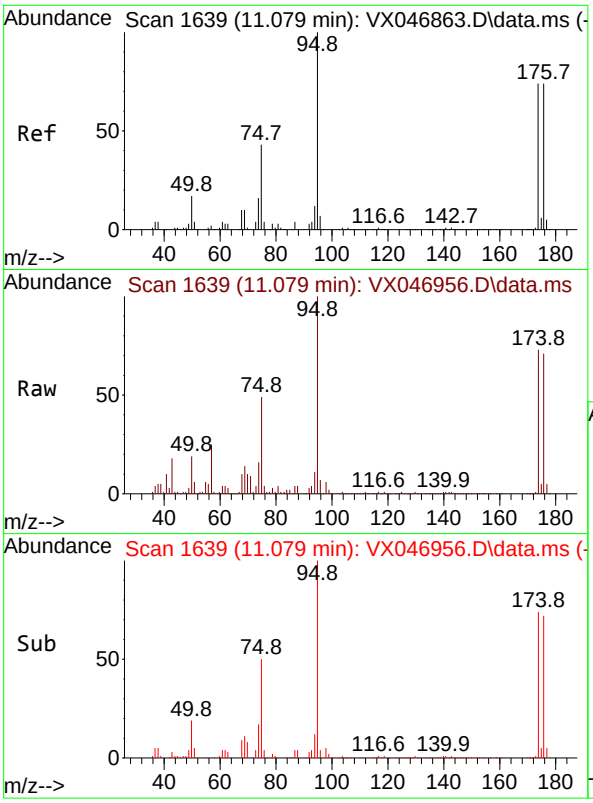


#50
Toluene-d8
Concen: 49.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 98 Resp: 739021

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

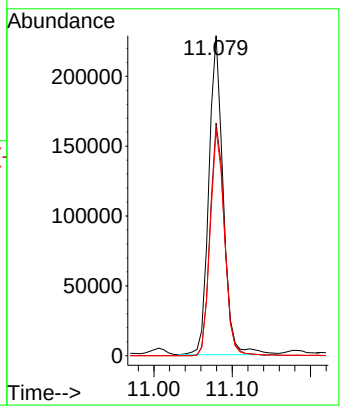




#62
4-Bromofluorobenzene
Concen: 51.575 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 95 Resp: 28979

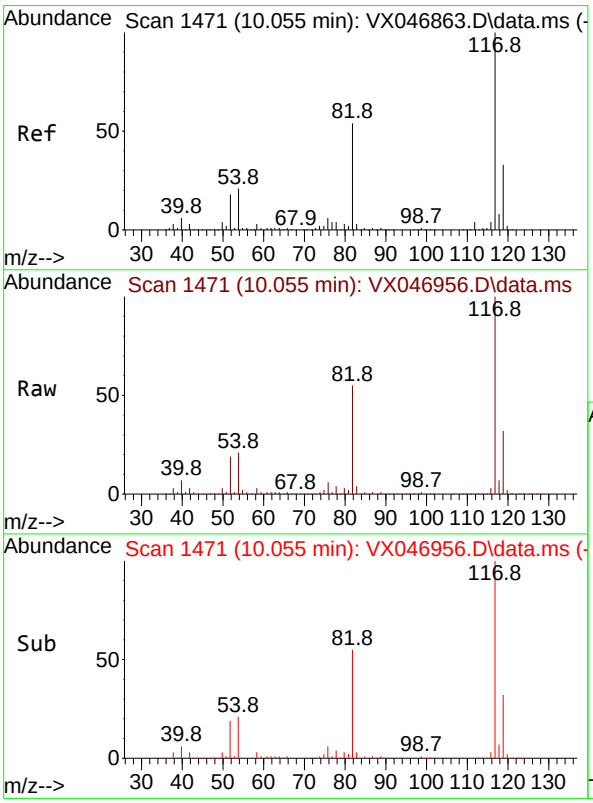
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	152.0
176	71.1	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

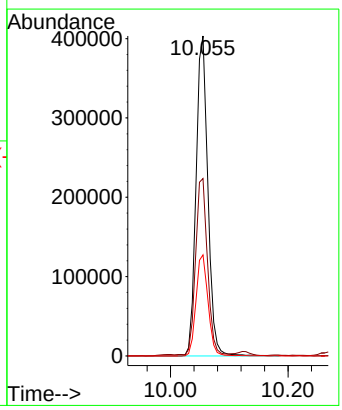
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

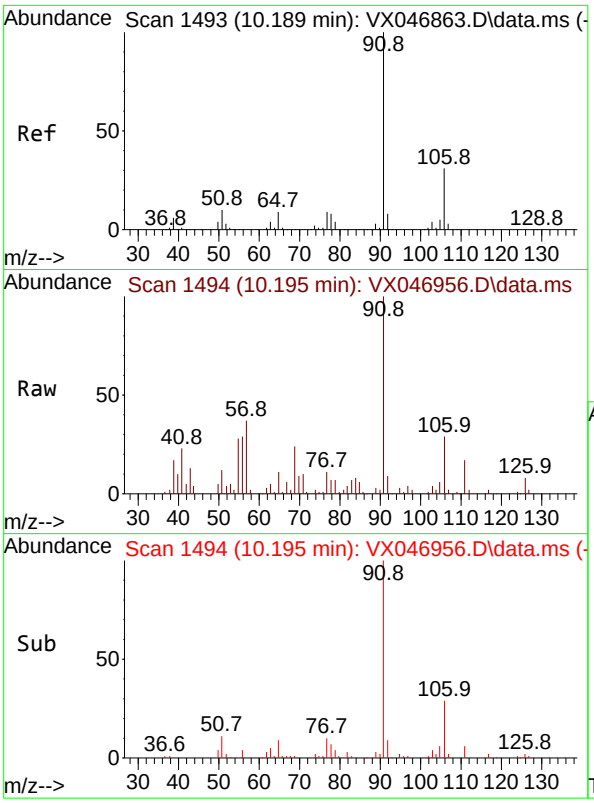


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:117 Resp: 563552

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.3	64.9
119	31.6	26.4	39.6

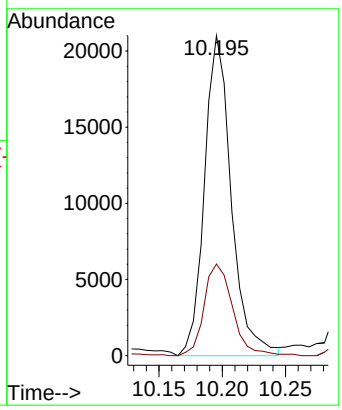




#67
Ethyl Benzene
Concen: 1.487 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 3101

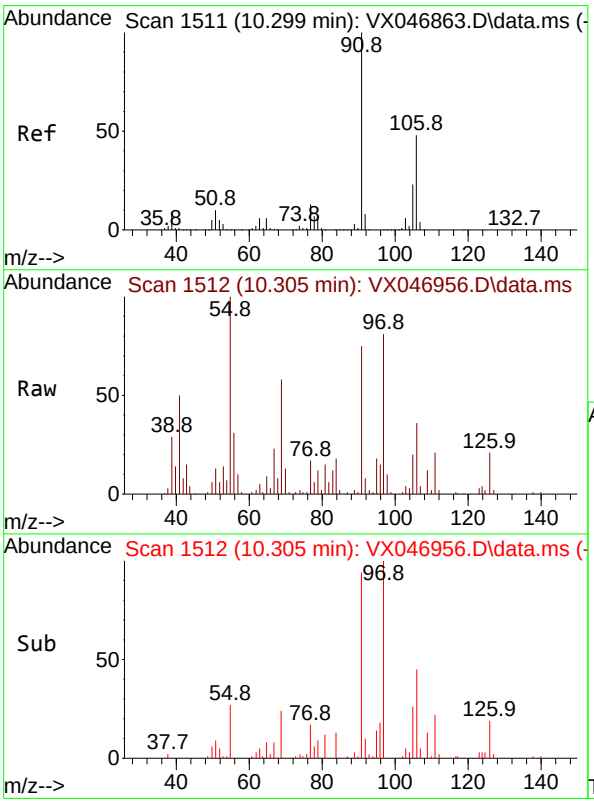
Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

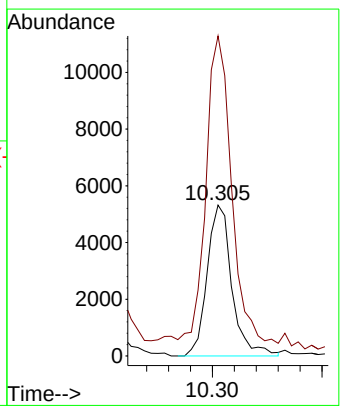
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

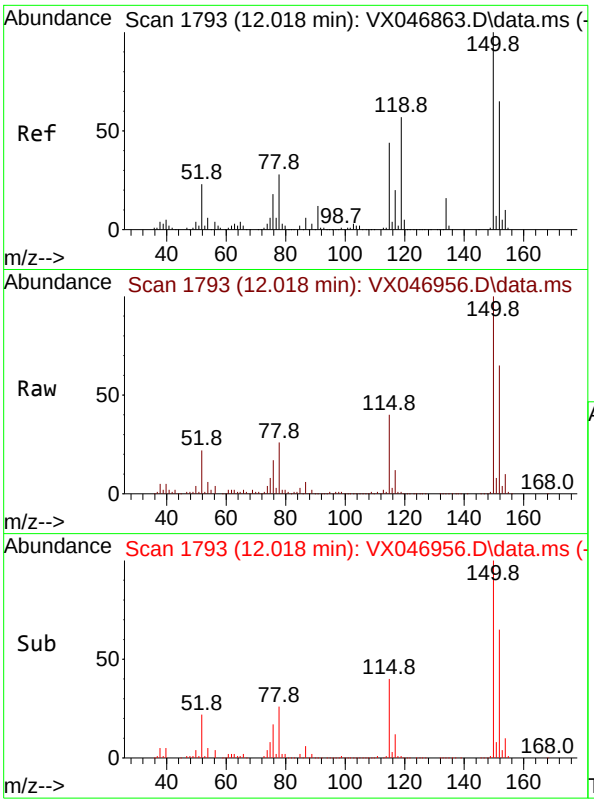


#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:106 Resp: 8349

Ion	Ratio	Lower	Upper
106	100		
91	220.0	164.6	246.8

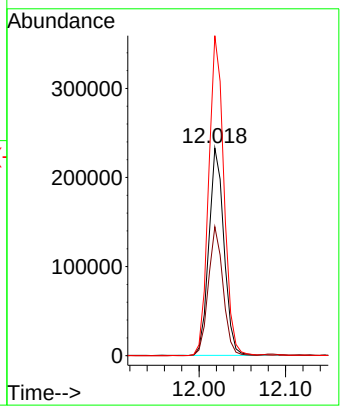




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:152 Resp: 28247

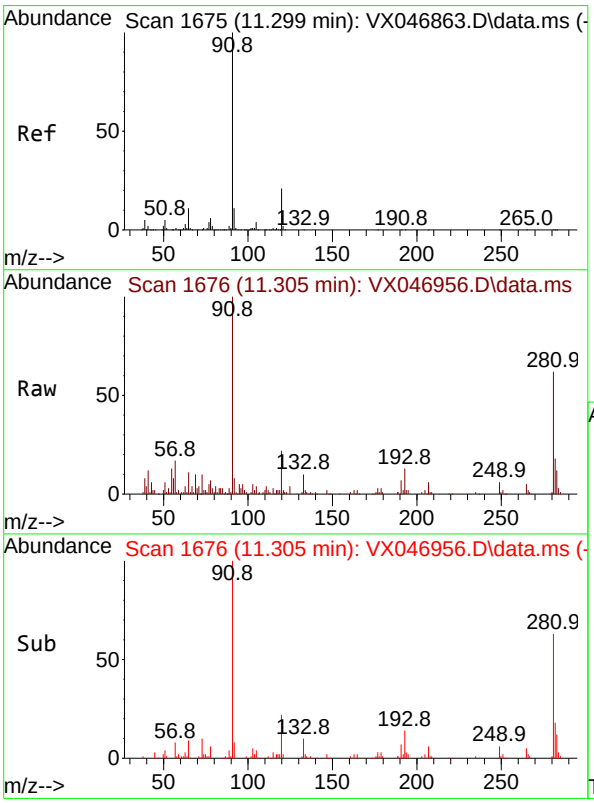
Ion	Ratio	Lower	Upper
152	100		
115	60.7	42.4	127.1
150	155.5	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

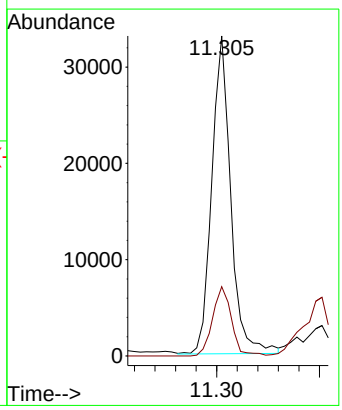
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

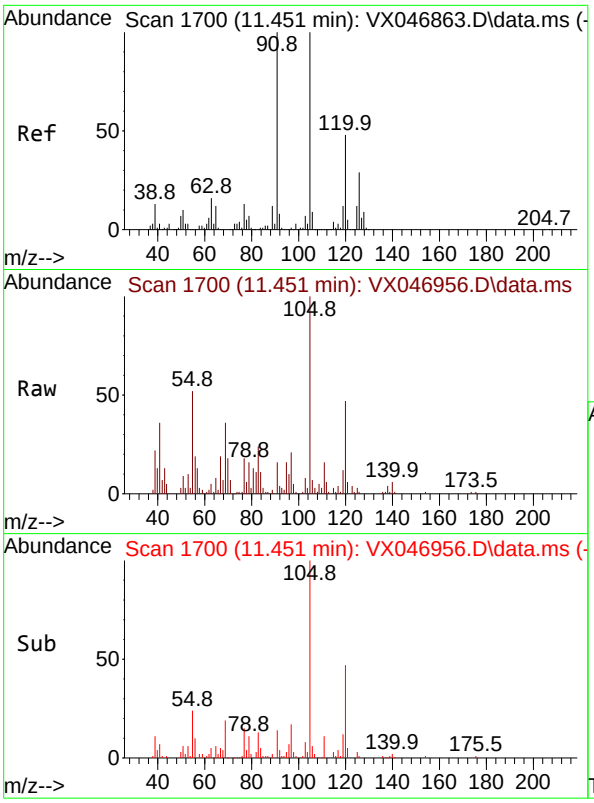


#78
n-propylbenzene
Concen: 1.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 42293

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.5

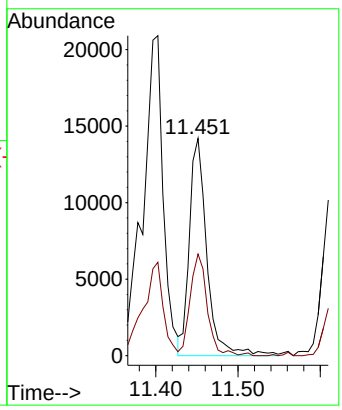




#80
1,3,5-Trimethylbenzene
Concen: 1.303 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:105 Resp: 2102

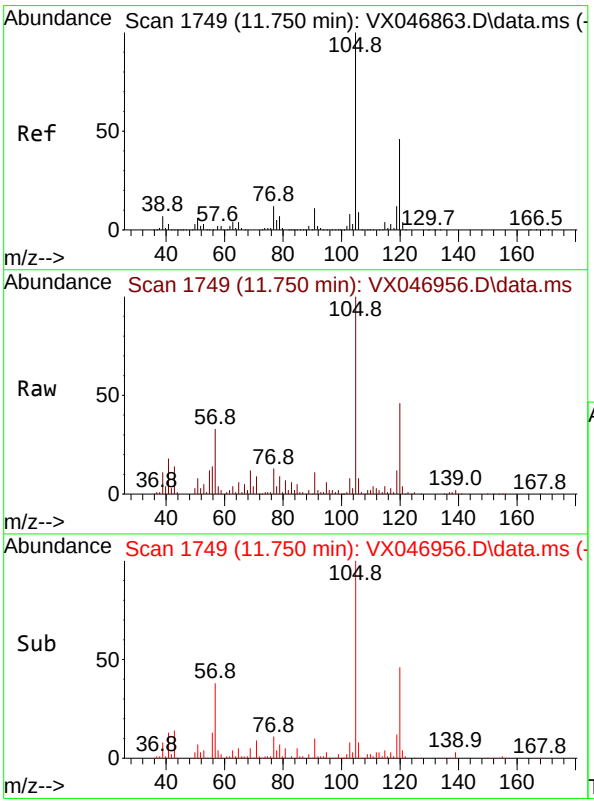
Ion	Ratio	Lower	Upper
105	100		
120	45.6	24.1	72.4



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

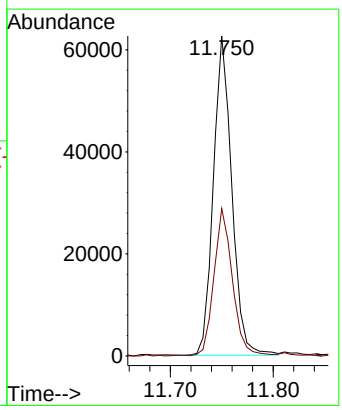
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

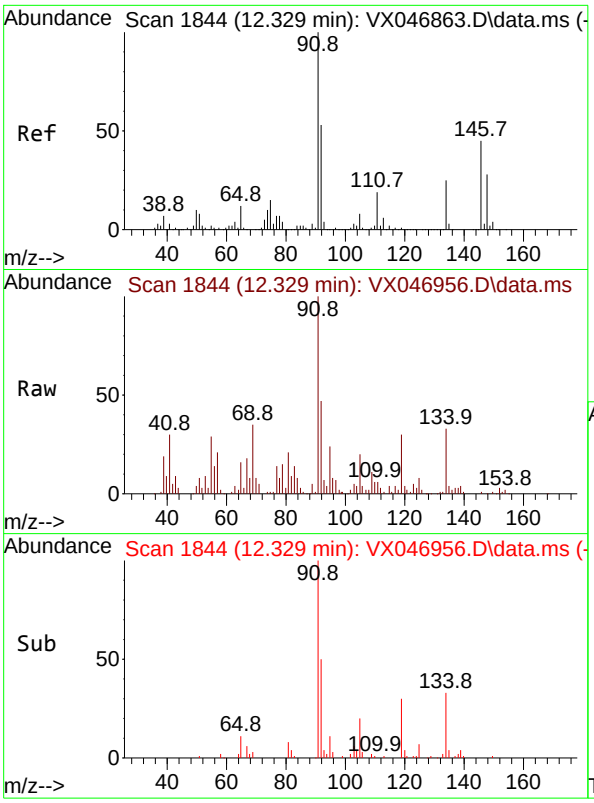


#84
1,2,4-Trimethylbenzene
Concen: 4.767 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:105 Resp: 77750

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.3	69.8

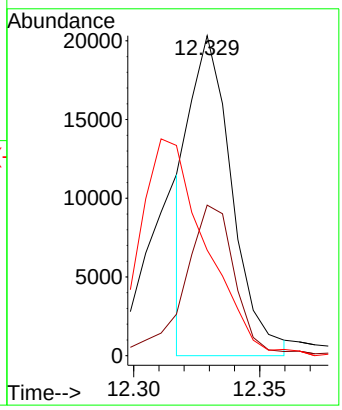




#89
n-Butylbenzene
Concen: 1.443 ug/l m
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 2385

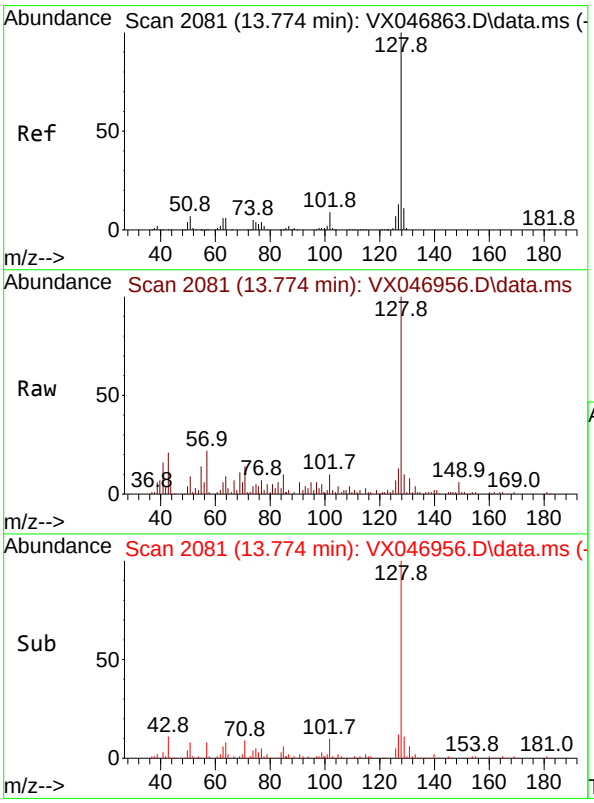
Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.0	81.0
134	104.4	12.8	38.4#



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

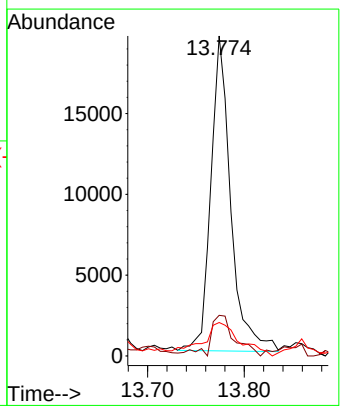
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#95
Naphthalene
Concen: 1.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:128 Resp: 27891

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	20.1	8.6	13.0#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 10 01:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.965	168	202570	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	393419	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	350819	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185596	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	135752	46.697	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 93.400%				
35) Dibromofluoromethane	7.904	113	121682	47.398	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 94.800%				
50) Toluene-d8	10.325	98	996185	104.272	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 208.540%#				
62) 4-Bromofluorobenzene	12.611	95	352944	100.389	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 200.780%#				
Target Compounds							Qvalue
17) Carbon Disulfide	4.435	76	8839	1.368	ug/l		97
31) Cyclohexane	7.971	56	2838173	685.663	ug/l	#	95
39) Methylcyclohexane	9.349	83	10589796	2291.187	ug/l		95
40) Benzene	8.337	78	61300	5.577	ug/l		93
68) m/p-Xylenes	11.849	106	99754	19.334	ug/l	#	72
69) o-Xylene	12.166	106	70146	14.683	ug/l		83
80) 1,3,5-Trimethylbenzene	12.940	105	3120859	267.066	ug/l		98
83) tert-Butylbenzene	13.202	119	92110	9.202	ug/l		95
84) 1,2,4-Trimethylbenzene	13.251	105	63485m	5.362	ug/l		
85) sec-Butylbenzene	13.385	105	436986m	29.085	ug/l		
86) p-Isopropyltoluene	13.501	119	778666	62.885	ug/l		98

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

Sample Results: **VW031777.D**

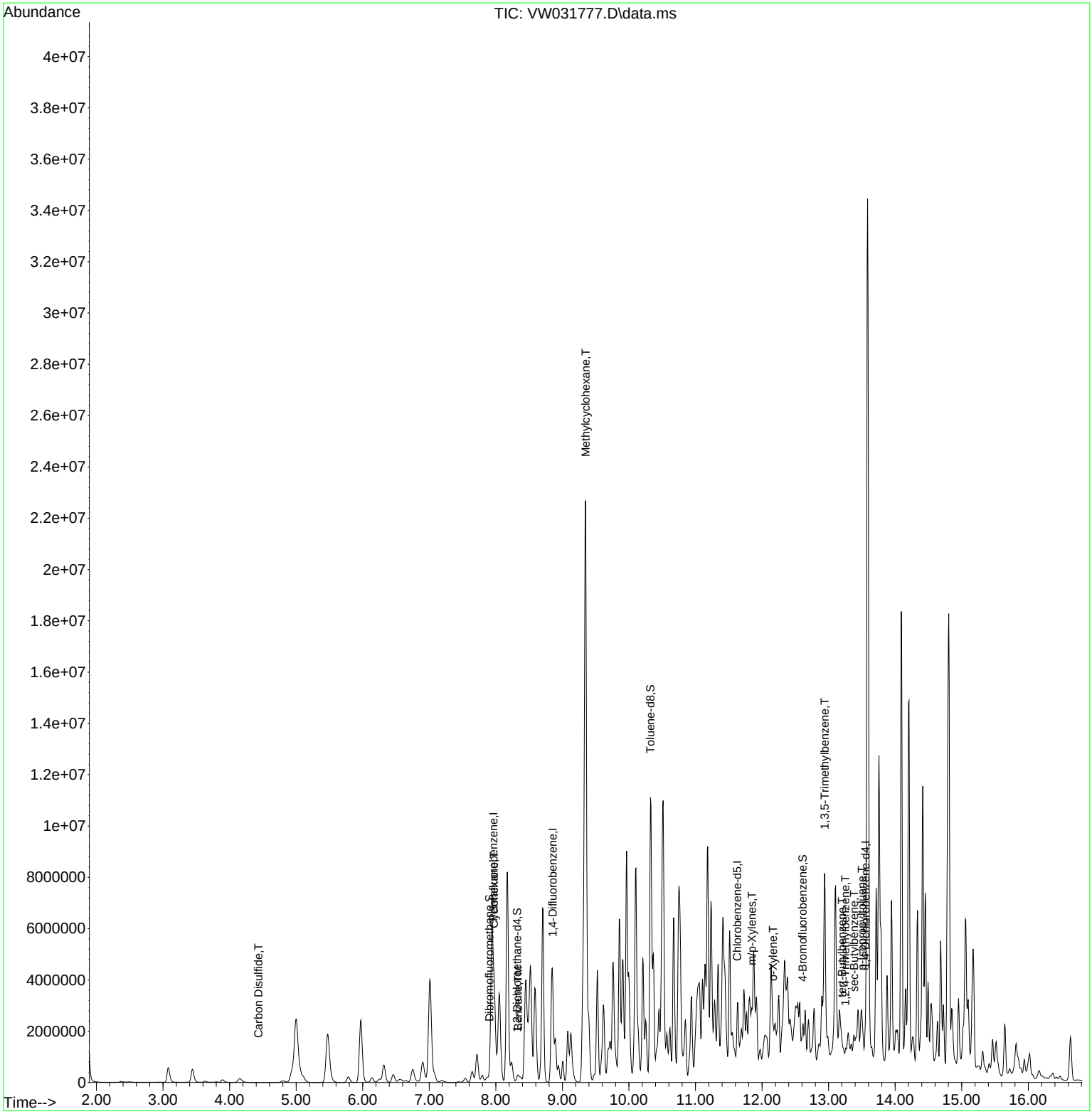
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

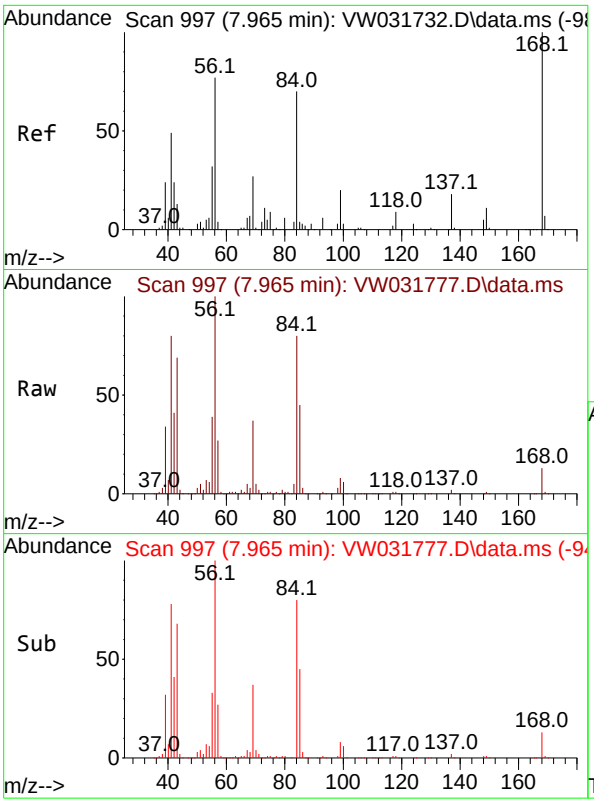
Quant Time: Jul 10 01:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

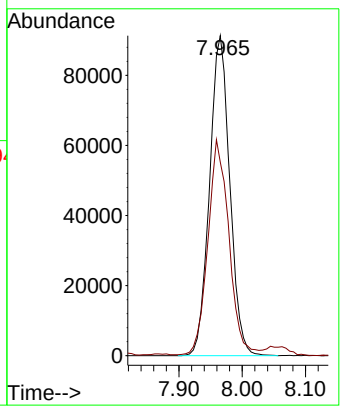




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:168 Resp: 20257

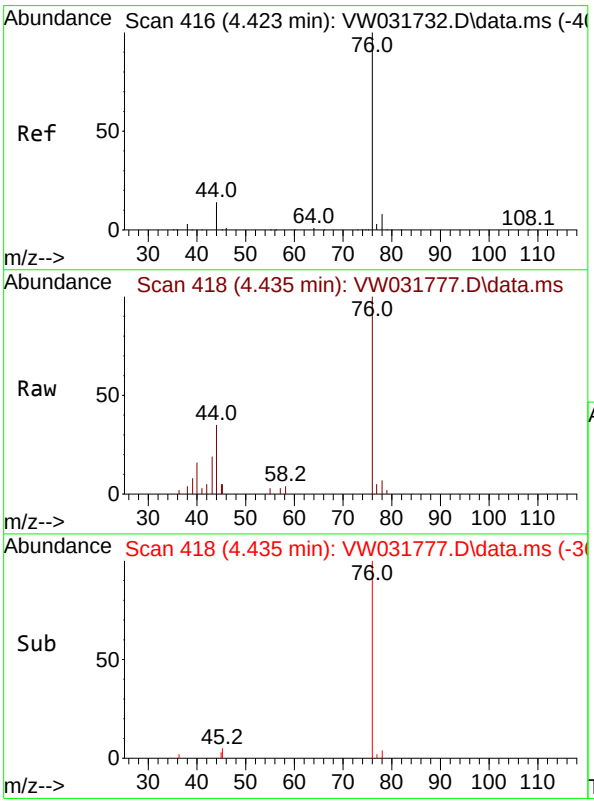
Ion	Ratio	Lower	Upper
168	100		
99	60.2	49.4	74.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

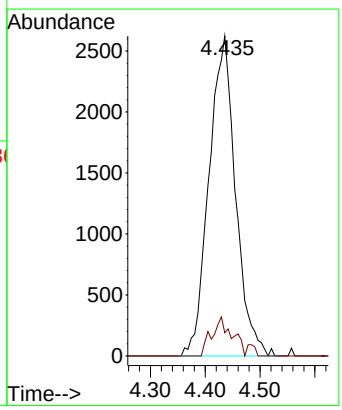
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

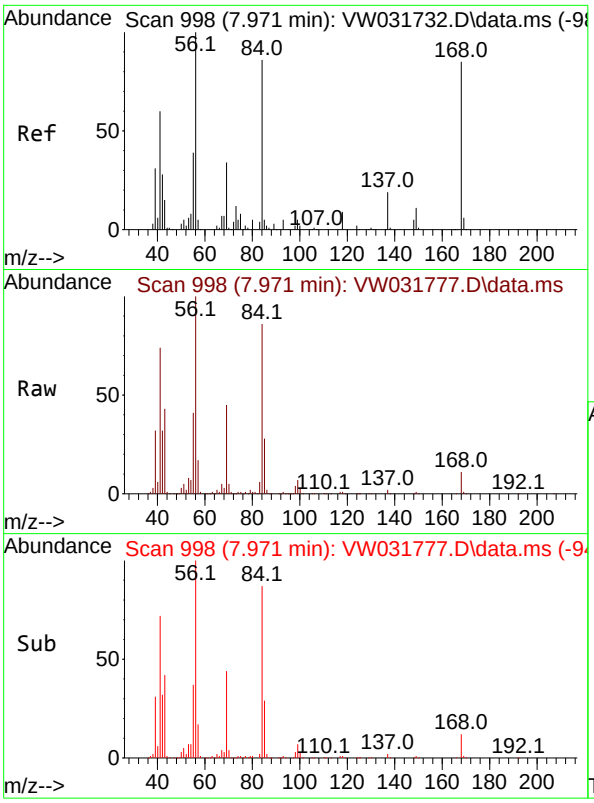


#17
Carbon Disulfide
Concen: 1.368 ug/l
RT: 4.435 min Scan# 418
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 76 Resp: 8839

Ion	Ratio	Lower	Upper
76	100		
78	7.2	6.6	10.0

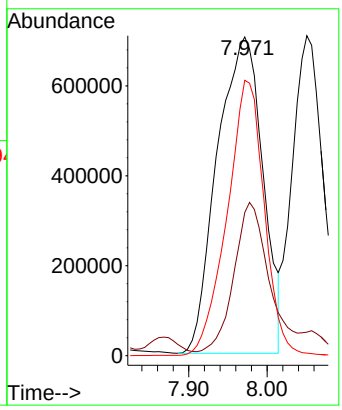




#31
Cyclohexane
Concen: 685.663 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 56 Resp: 283817

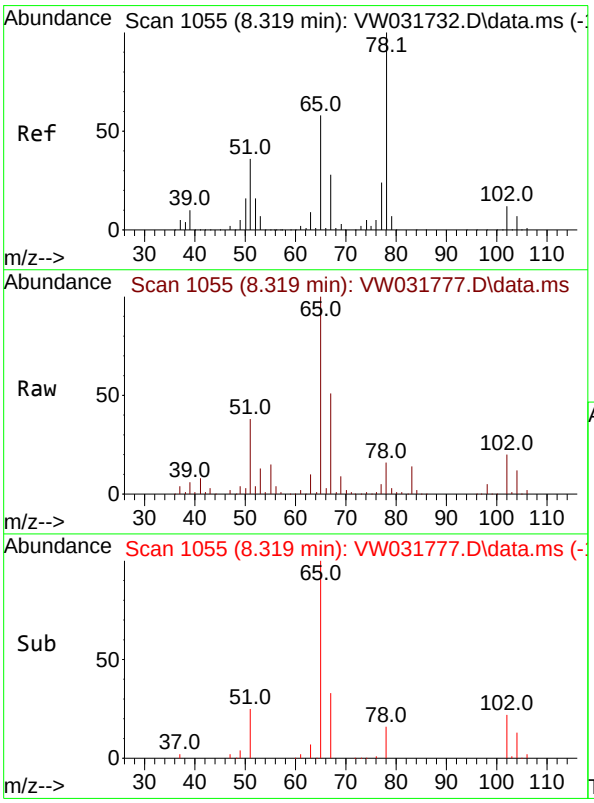
Ion	Ratio	Lower	Upper
56	100		
69	41.7	27.2	40.8
84	86.9	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

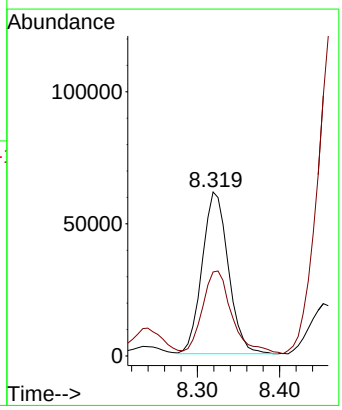
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

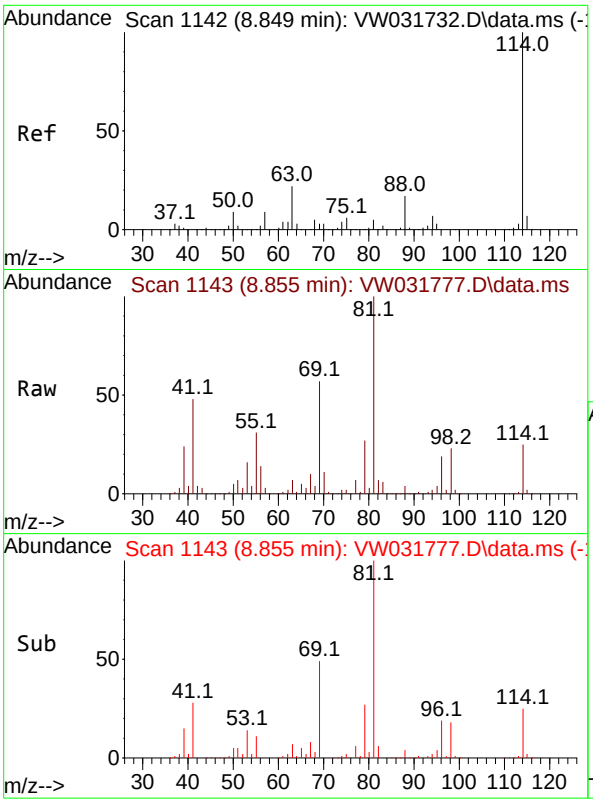


#33
1,2-Dichloroethane-d4
Concen: 46.697 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 65 Resp: 135752

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	99.4

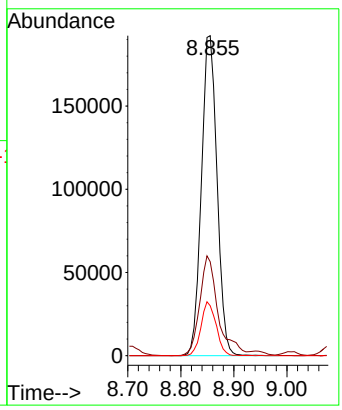




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:114 Resp: 39341

Ion	Ratio	Lower	Upper
114	100		
63	29.3	0.0	43.6
88	15.6	0.0	34.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
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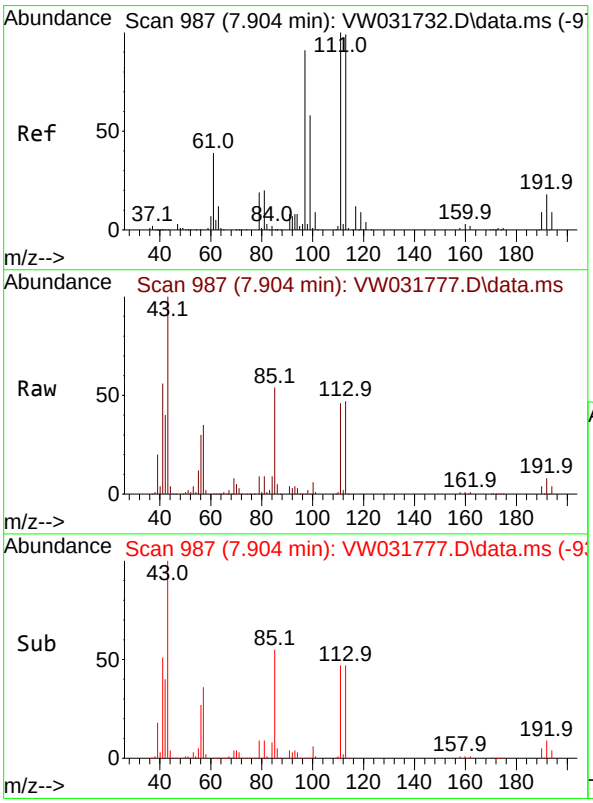
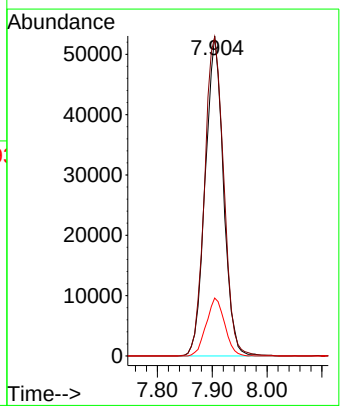
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

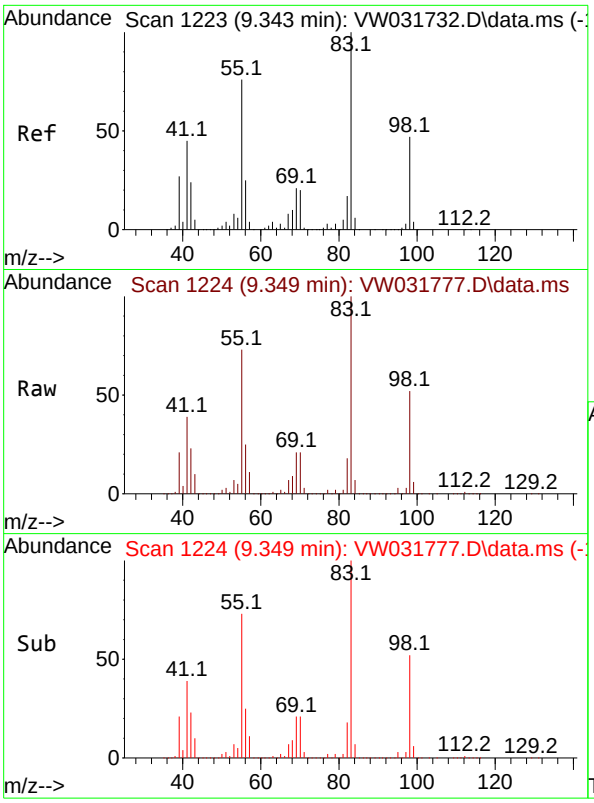


#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:113 Resp: 121682

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.1	123.1
192	18.4	13.8	20.6

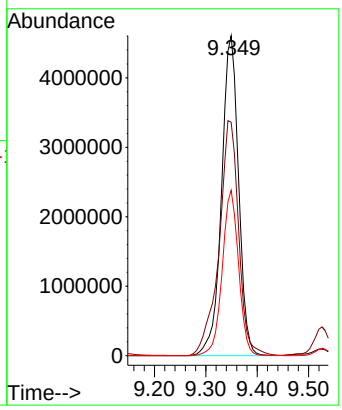




#39
Methylcyclohexane
Concen: 2291.187 ug/l
RT: 9.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 83 Resp:1058979

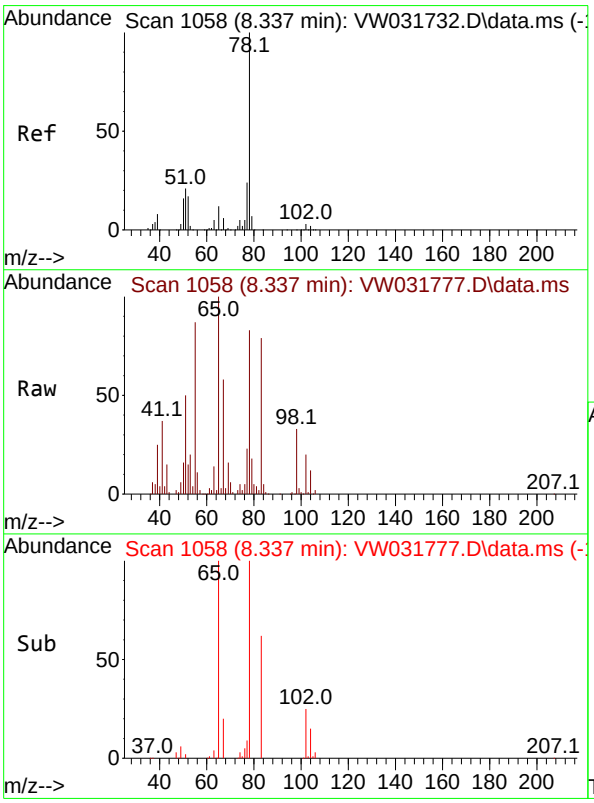
Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.0	91.4
98	51.7	37.9	56.9



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

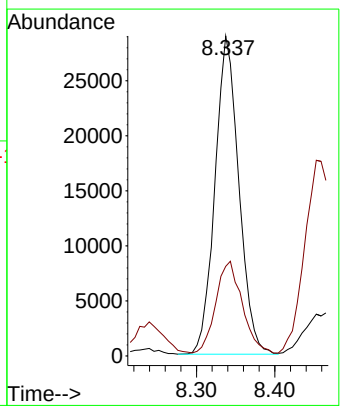
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

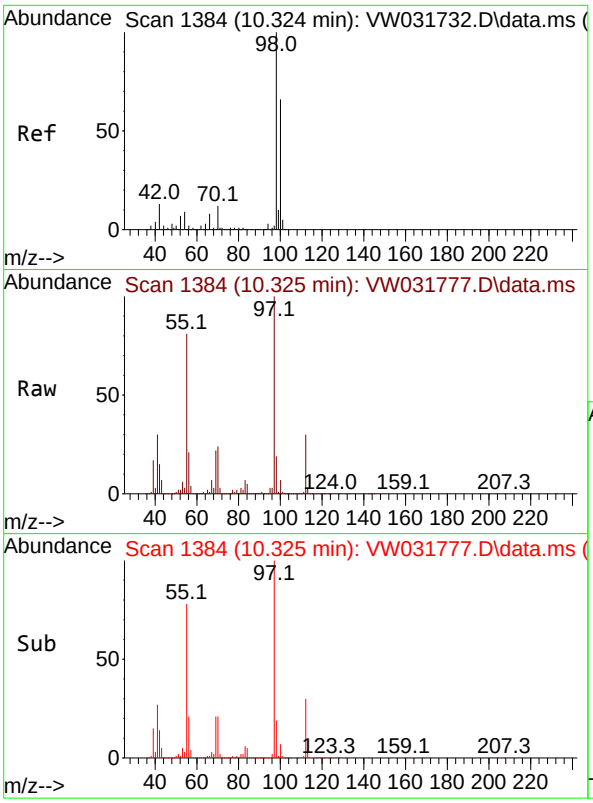


#40
Benzene
Concen: 5.577 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 78 Resp: 61300

Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.2	28.8

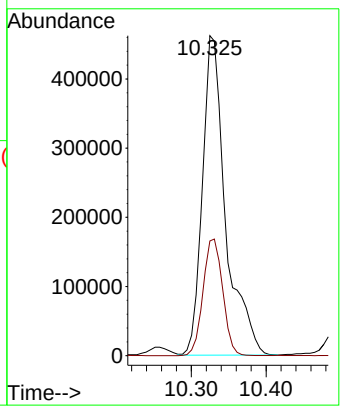




#50
Toluene-d8
Concen: 104.272 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 98 Resp: 99618

Ion	Ratio	Lower	Upper
98	100		
100	31.0	53.0	79.4



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
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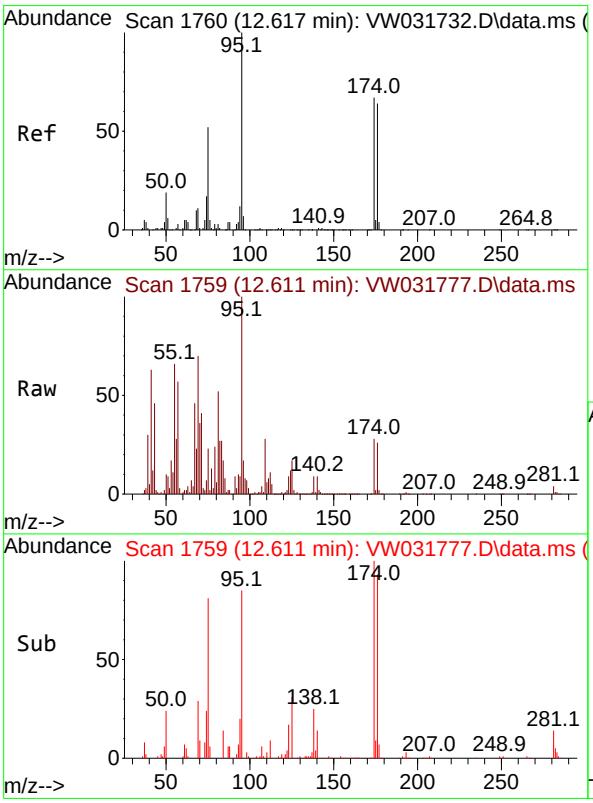
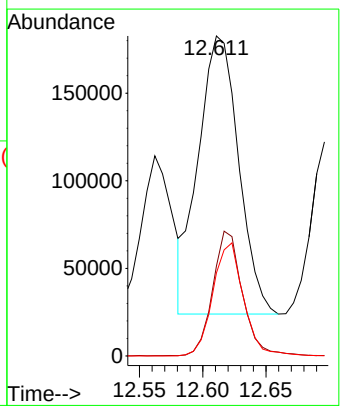
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

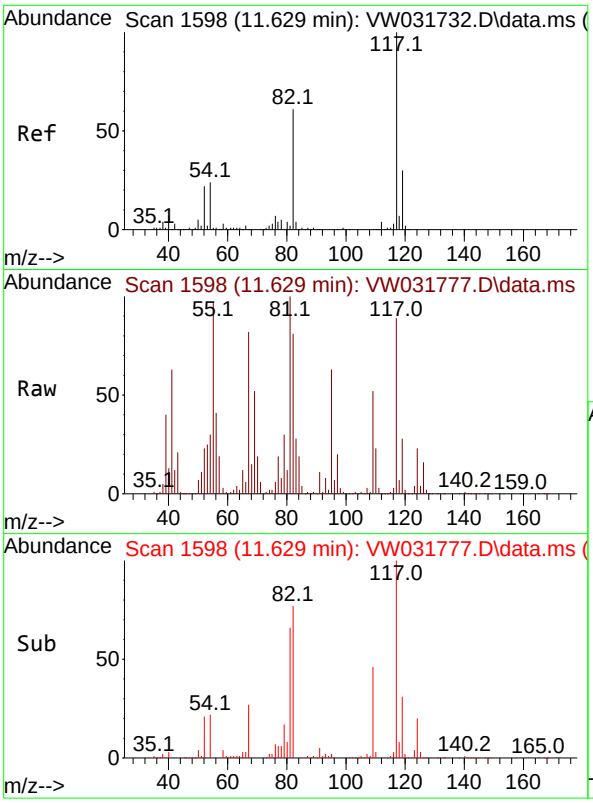


#62
4-Bromofluorobenzene
Concen: 100.389 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 95 Resp: 352944

Ion	Ratio	Lower	Upper
95	100		
174	32.9	0.0	133.8
176	31.0	0.0	126.0

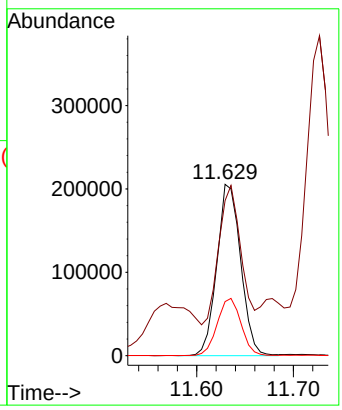




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:117 Resp: 35081

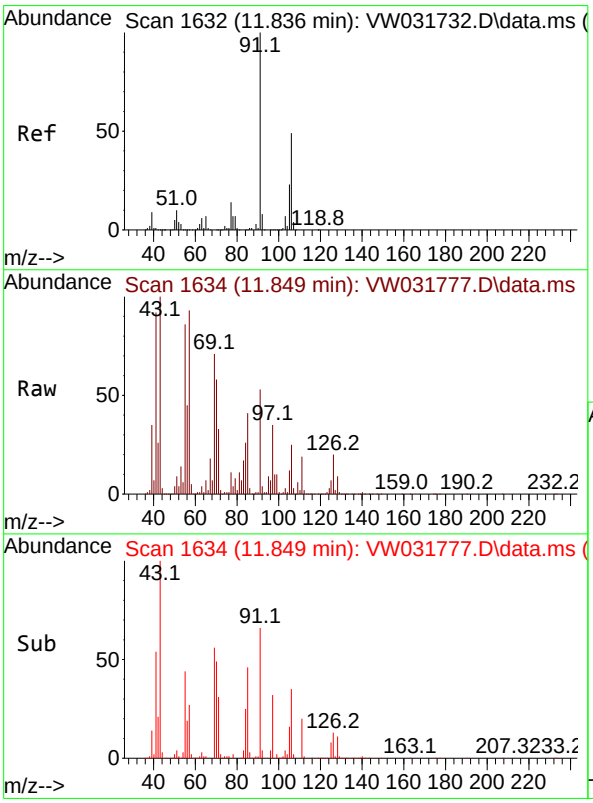
Ion	Ratio	Lower	Upper
117	100		
82	62.5	48.6	72.8
119	31.4	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

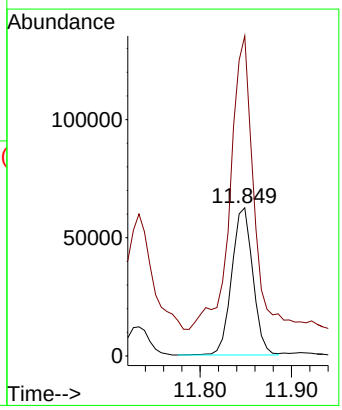
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

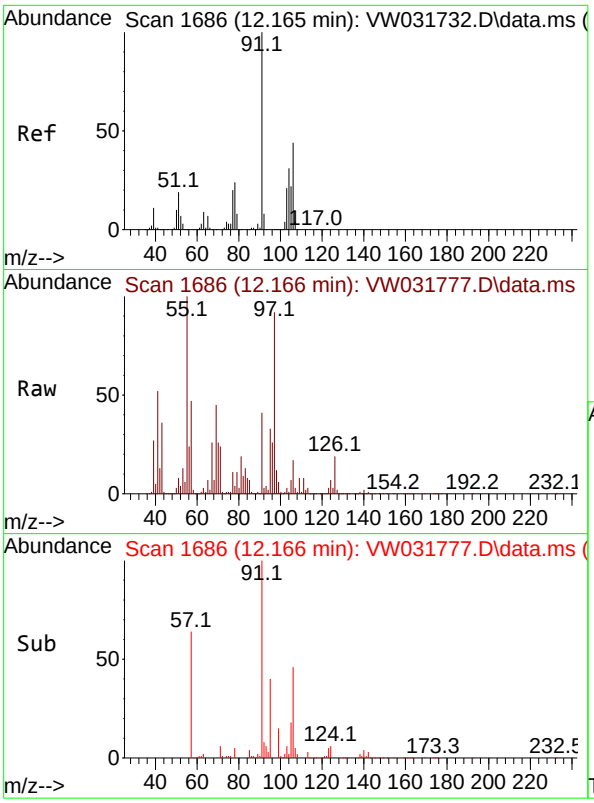


#68
m/p-Xylenes
Concen: 19.334 ug/l
RT: 11.849 min Scan# 1634
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:106 Resp: 99754

Ion	Ratio	Lower	Upper
106	100		
91	252.2	166.4	249.6#

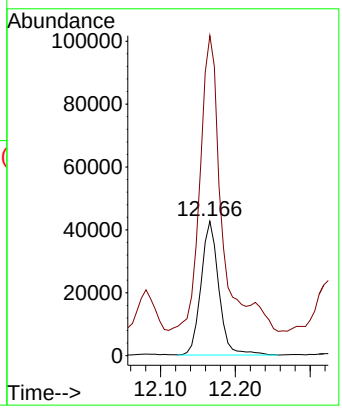




#69
o-Xylene
Concen: 14.683 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:106 Resp: 7014

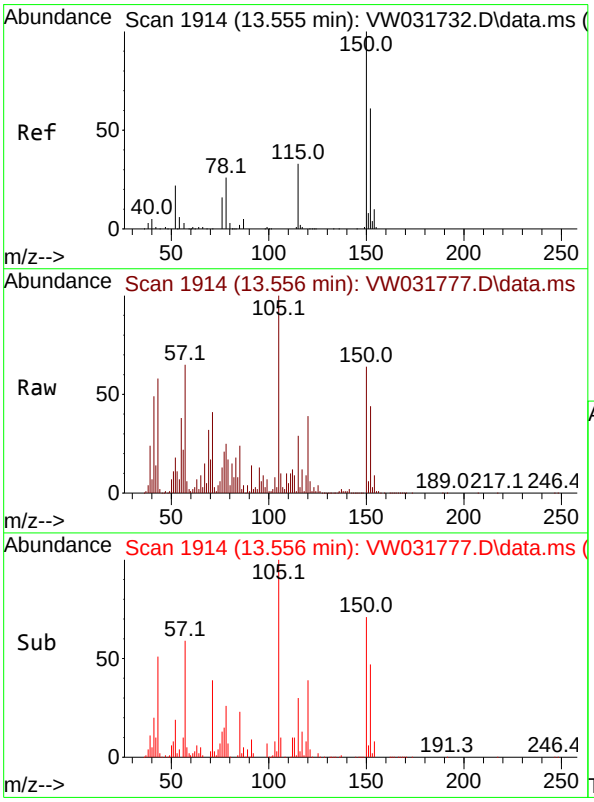
Ion	Ratio	Lower	Upper
106	100		
91	250.9	111.5	334.4



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

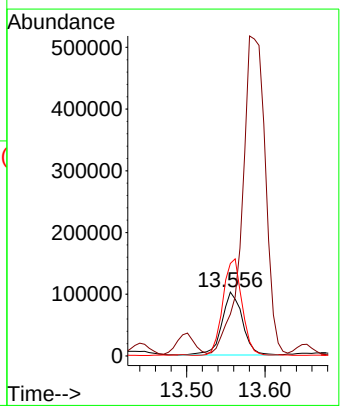
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

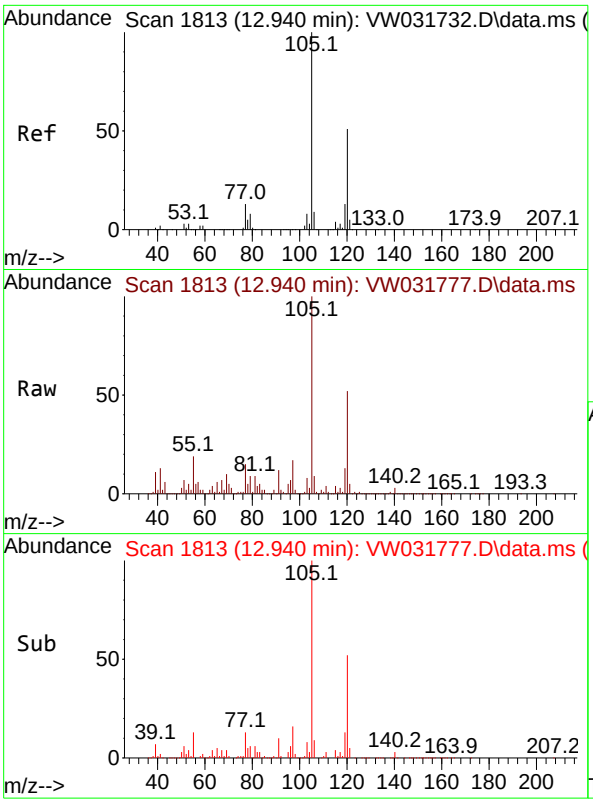


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:152 Resp: 185596

Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.9	95.7#
150	143.2	0.0	356.4

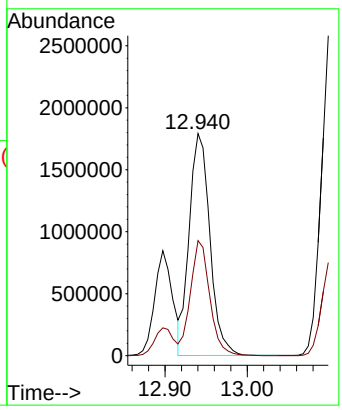




#80
1,3,5-Trimethylbenzene
Concen: 267.066 ug/l
RT: 12.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 312085

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.8	71.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

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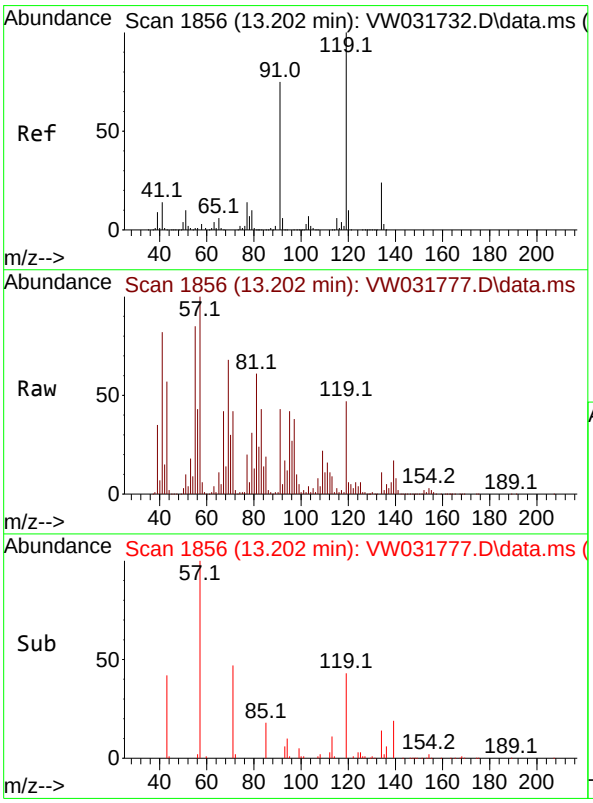
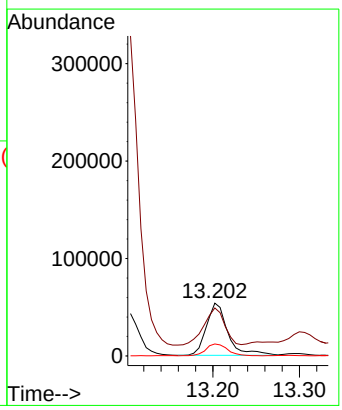
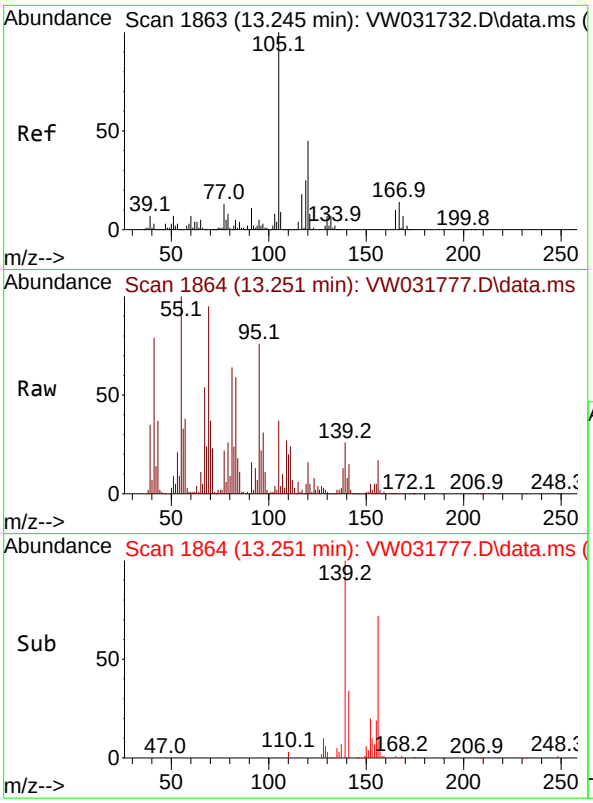


#83
tert-Butylbenzene
Concen: 9.202 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:119 Resp: 92110

Ion	Ratio	Lower	Upper
119	100		
91	68.4	36.0	108.1
134	22.3	12.4	37.2

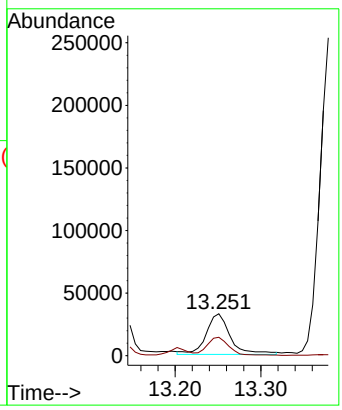




#84
1,2,4-Trimethylbenzene
Concen: 5.362 ug/l m
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 6348

Ion	Ratio	Lower	Upper
105	100		
120	2089.4	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
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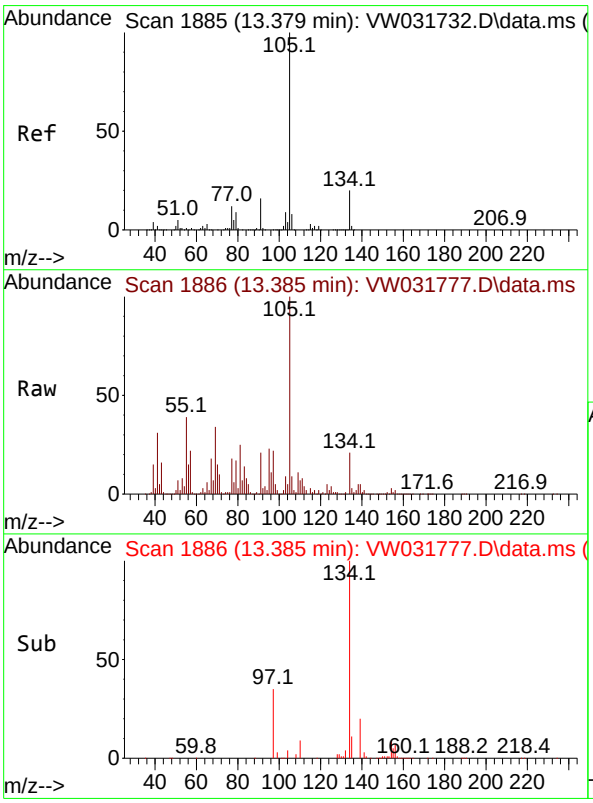
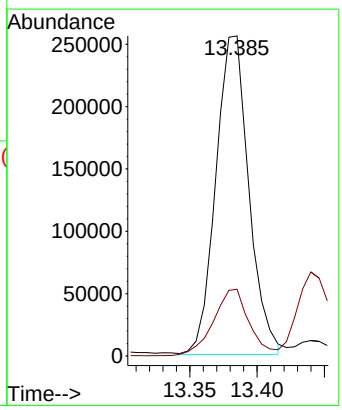
Supervised By :Semsettin Yesilyurt 07/14/2025

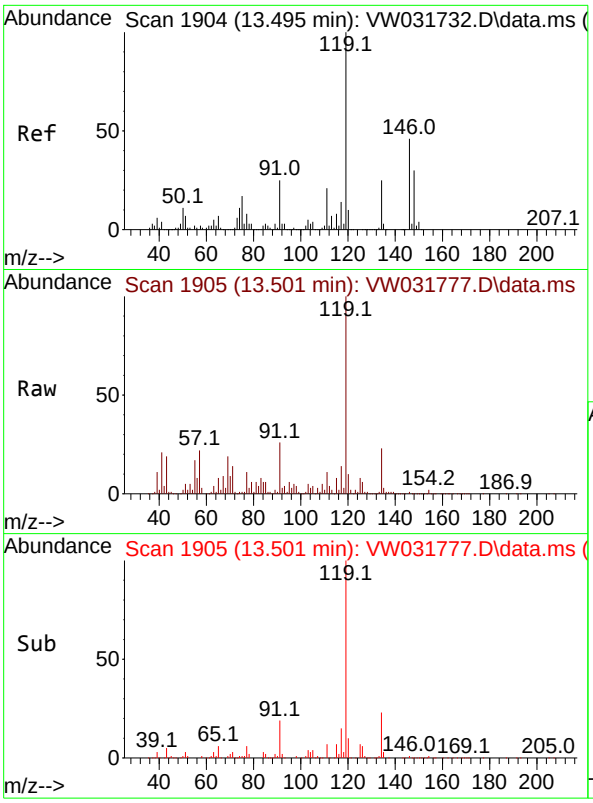


#85
sec-Butylbenzene
Concen: 29.085 ug/l m
RT: 13.385 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 436986

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8#

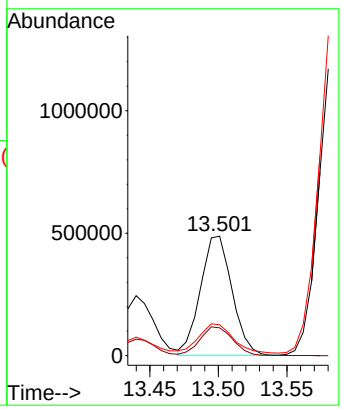




#86
p-Isopropyltoluene
Concen: 62.885 ug/l
RT: 13.501 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:119 Resp: 77866

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.9	38.7
91	26.4	12.7	38.0



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Sample Results: **VW031777.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	185	195	214	rBV	564169	1677103	2.57%	0.187%
2	3.442	245	255	278	rVB	506528	1523940	2.34%	0.170%
3	5.002	488	511	550	rVB	2472477	13155891	20.17%	1.465%
4	5.472	571	588	625	rBV	1878030	7539089	11.56%	0.840%
5	5.972	656	670	687	rBV2	2427556	7658269	11.74%	0.853%
6	6.319	719	727	739	rVB	669591	2082659	3.19%	0.232%
7	6.752	788	798	812	rBV2	480871	1655494	2.54%	0.184%
8	6.905	812	823	831	rVV	764673	2609395	4.00%	0.291%
9	7.008	831	840	862	rVB	3984260	13600429	20.86%	1.515%
10	7.715	949	956	964	rVV2	1041727	2748163	4.21%	0.306%
11	7.947	976	994	1005	rVV3	6097572	23593391	36.18%	2.628%
12	8.051	1005	1011	1022	rVB	3388850	9555024	14.65%	1.064%
13	8.173	1022	1031	1039	rBV	8126343	19527527	29.94%	2.175%
14	8.240	1039	1042	1051	rVB	712326	1480151	2.27%	0.165%
15	8.453	1068	1077	1082	rBV3	3866817	11324858	17.37%	1.262%
16	8.520	1083	1088	1094	rVB3	3567773	8248311	12.65%	0.919%
17	8.587	1094	1099	1109	rVB	3543461	8865374	13.59%	0.988%
18	8.703	1109	1118	1131	rVB2	6781973	15246861	23.38%	1.698%
19	8.849	1131	1142	1147	rBV3	4445218	11655234	17.87%	1.298%
20	9.008	1163	1168	1173	rVB	747468	1371992	2.10%	0.153%
21	9.081	1173	1180	1184	rBV	1932600	4133293	6.34%	0.460%
22	9.130	1184	1188	1207	rVB2	1909415	4795289	7.35%	0.534%
23	9.349	1208	1224	1240	rBV2	22654149	65213815	100.00%	7.264%
24	9.526	1240	1253	1259	rBV	4266548	8780612	13.46%	0.978%
25	9.617	1259	1268	1275	rBV3	2709931	6338610	9.72%	0.706%
26	9.715	1275	1284	1287	rBV2	1232631	3843756	5.89%	0.428%
27	9.764	1287	1292	1302	rVB3	4063345	8965010	13.75%	0.999%
28	9.855	1302	1307	1312	rBV	5746898	11029186	16.91%	1.229%
29	9.904	1312	1315	1320	rVB2	3090012	5010262	7.68%	0.558%
30	9.965	1320	1325	1329	rBV	7323267	12904297	19.79%	1.437%
31	10.105	1339	1348	1359	rBV2	7995726	19670737	30.16%	2.191%
32	10.209	1359	1365	1369	rBV	4377064	8277267	12.69%	0.922%
33	10.252	1369	1372	1378	rVB2	1992914	3516064	5.39%	0.392%
34	10.325	1378	1384	1389	rBV	10682369	22599096	34.65%	2.517%
35	10.453	1396	1405	1407	rBV3	1977286	3842554	5.89%	0.428%
36	10.514	1407	1415	1421	rVV5	10024934	24063047	36.90%	2.680%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	10.569	1421	1424	1428	rVV2	877469	1239290	1.90%	0.138%
38	10.617	1428	1432	1436	rVB4	1294276	2079750	3.19%	0.232%
39	10.672	1436	1441	1448	rVB	5667672	10106564	15.50%	1.126%
40	10.751	1448	1454	1464	rBV3	6911228	19207386	29.45%	2.140%
41	10.849	1465	1470	1476	rVB2	2166753	4329765	6.64%	0.482%
42	10.940	1476	1485	1490	rBV2	3069139	6800531	10.43%	0.758%
43	11.056	1490	1504	1508	rBV5	3274001	13593901	20.85%	1.514%
44	11.105	1508	1512	1515	rVV3	2546501	4157567	6.38%	0.463%
45	11.142	1515	1518	1521	rVV2	3096301	5447607	8.35%	0.607%
46	11.184	1521	1525	1529	rVV	7642547	13041474	20.00%	1.453%
47	11.233	1529	1533	1538	rVV	5463642	9702038	14.88%	1.081%
48	11.288	1538	1542	1546	rVB3	1610173	2424337	3.72%	0.270%
49	11.343	1546	1551	1555	rVB2	3180688	5025821	7.71%	0.560%
50	11.410	1555	1562	1574	rVB3	5427687	17147202	26.29%	1.910%
51	11.513	1574	1579	1584	rBV	4914928	8399965	12.88%	0.936%
52	11.635	1594	1599	1603	rBV2	2105822	3702162	5.68%	0.412%
53	11.727	1610	1614	1618	rVV2	1965364	3005140	4.61%	0.335%
54	11.812	1624	1628	1631	rBV4	1399143	2558564	3.92%	0.285%
55	11.873	1635	1638	1642	rVB2	2391831	3482300	5.34%	0.388%
56	12.044	1658	1666	1675	rBV5	933147	3630089	5.57%	0.404%
57	12.135	1675	1681	1688	rBV2	3617668	8511658	13.05%	0.948%
58	12.251	1696	1700	1704	rVB	2229067	3531769	5.42%	0.393%
59	12.336	1704	1714	1718	rBV5	3574044	10092773	15.48%	1.124%
60	12.507	1735	1742	1745	rBV5	1321781	3575418	5.48%	0.398%
61	12.568	1749	1752	1755	rVV	1627234	2211839	3.39%	0.246%
62	12.617	1757	1760	1762	rVV4	875162	1253109	1.92%	0.140%
63	12.647	1762	1765	1769	rVV	1537108	2022108	3.10%	0.225%
64	12.696	1769	1773	1778	rVB3	1273125	2079597	3.19%	0.232%
65	12.782	1783	1787	1793	rVB3	2012222	3719560	5.70%	0.414%
66	12.897	1802	1806	1808	rBV	1946587	2799886	4.29%	0.312%
67	12.940	1808	1813	1819	rVB	6394371	11480644	17.60%	1.279%
68	13.105	1832	1840	1846	rBV	6383719	12703792	19.48%	1.415%
69	13.166	1846	1850	1862	rVB4	1697979	4282573	6.57%	0.477%
70	13.440	1892	1895	1899	rVV3	1537890	2645608	4.06%	0.295%
71	13.495	1899	1904	1910	rVB3	1511706	3384594	5.19%	0.377%
72	13.586	1910	1919	1928	rBV	33139702	62081929	95.20%	6.915%
73	13.714	1934	1940	1943	rBV	6525280	10506376	16.11%	1.170%
74	13.757	1943	1947	1951	rVV	8819699	13843568	21.23%	1.542%
75	13.879	1961	1967	1972	rBV	3318994	5780060	8.86%	0.644%
76	13.946	1972	1978	1984	rVB	5835194	9219677	14.14%	1.027%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

77	14.092	1996	2002	2008	rBV	17225660	26628628	40.83%	2.966%
78	14.159	2008	2013	2015	rVV	2380877	3529775	5.41%	0.393%
79	14.208	2015	2021	2026	rVB2	13653446	23800257	36.50%	2.651%
80	14.263	2026	2030	2036	rVB5	900709	2032655	3.12%	0.226%
81	14.336	2036	2042	2047	rBV2	5833517	9592595	14.71%	1.069%
82	14.415	2047	2055	2058	rBV	10286450	17104805	26.23%	1.905%
83	14.452	2058	2061	2065	rVB	5628428	7774475	11.92%	0.866%
84	14.495	2065	2068	2072	rVB	2307420	2727901	4.18%	0.304%
85	14.543	2072	2076	2083	rVB4	2229013	4983357	7.64%	0.555%
86	14.635	2086	2091	2095	rBV2	1420451	2044811	3.14%	0.228%
87	14.684	2095	2099	2103	rBV2	4501487	7291584	11.18%	0.812%
88	14.726	2103	2106	2110	rVB	2283675	3241611	4.97%	0.361%
89	14.806	2110	2119	2124	rBV3	17532027	38708357	59.36%	4.312%
90	14.848	2124	2126	2138	rVB3	2131664	4161931	6.38%	0.464%
91	14.952	2138	2143	2149	rBV2	2525442	4269382	6.55%	0.476%
92	15.056	2150	2160	2165	rBV2	5421856	13331136	20.44%	1.485%
93	15.171	2172	2179	2187	rVB2	4611234	10843111	16.63%	1.208%
94	15.318	2197	2203	2213	rVB5	824872	2013840	3.09%	0.224%
95	15.464	2222	2227	2231	rVV2	1307480	2576515	3.95%	0.287%
96	15.519	2231	2236	2249	rVB2	1347104	3613417	5.54%	0.403%
97	15.647	2249	2257	2264	rBV	2046177	4032796	6.18%	0.449%
98	15.818	2276	2285	2295	rBV2	1136143	3672478	5.63%	0.409%
99	16.019	2311	2318	2333	rVB3	966955	2910231	4.46%	0.324%
100	16.634	2410	2419	2431	rVB	1679165	3926838	6.02%	0.437%

Sum of corrected areas: 897722527

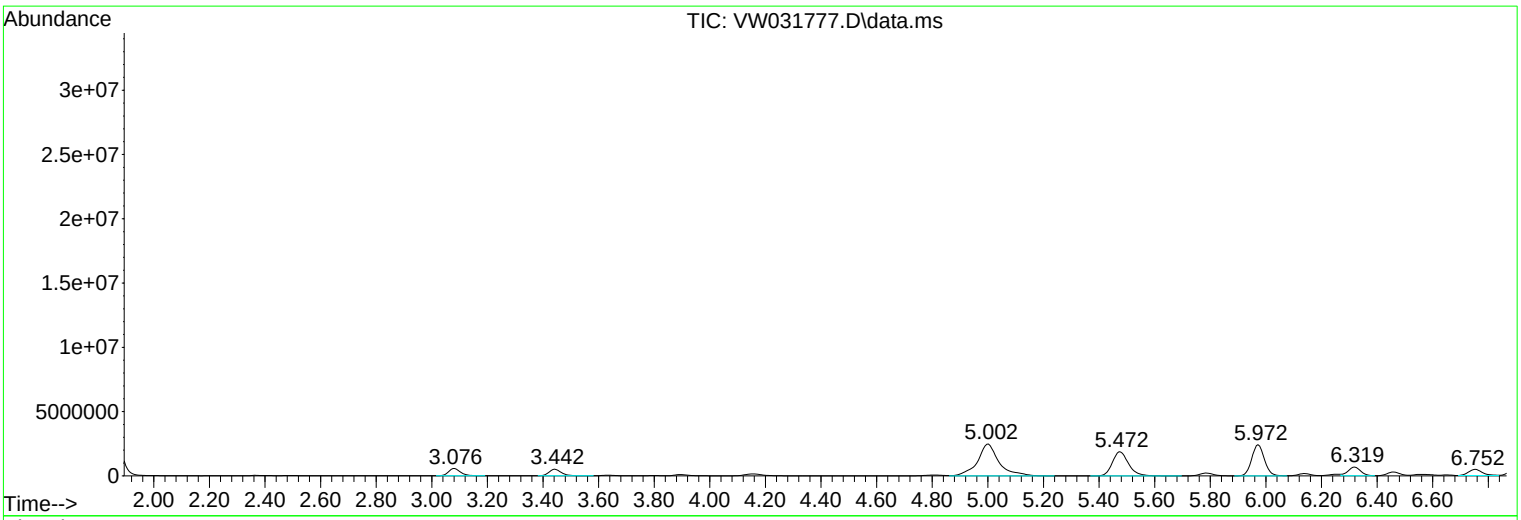
Sample Results: **VW031777.D**

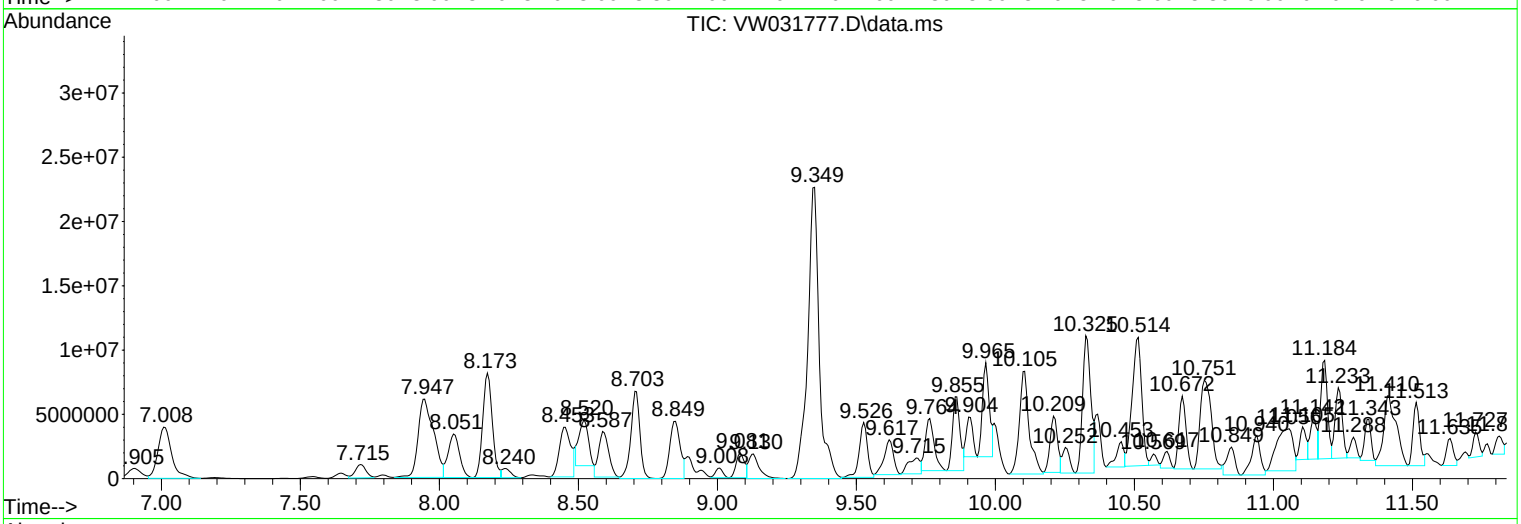
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

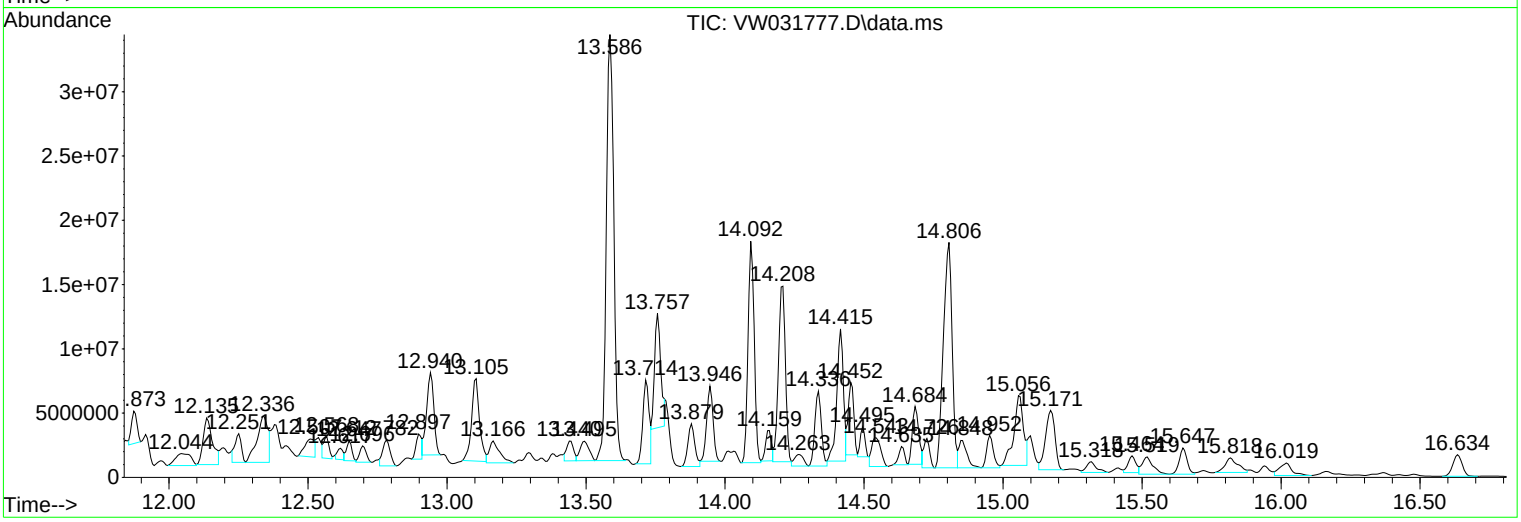
Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

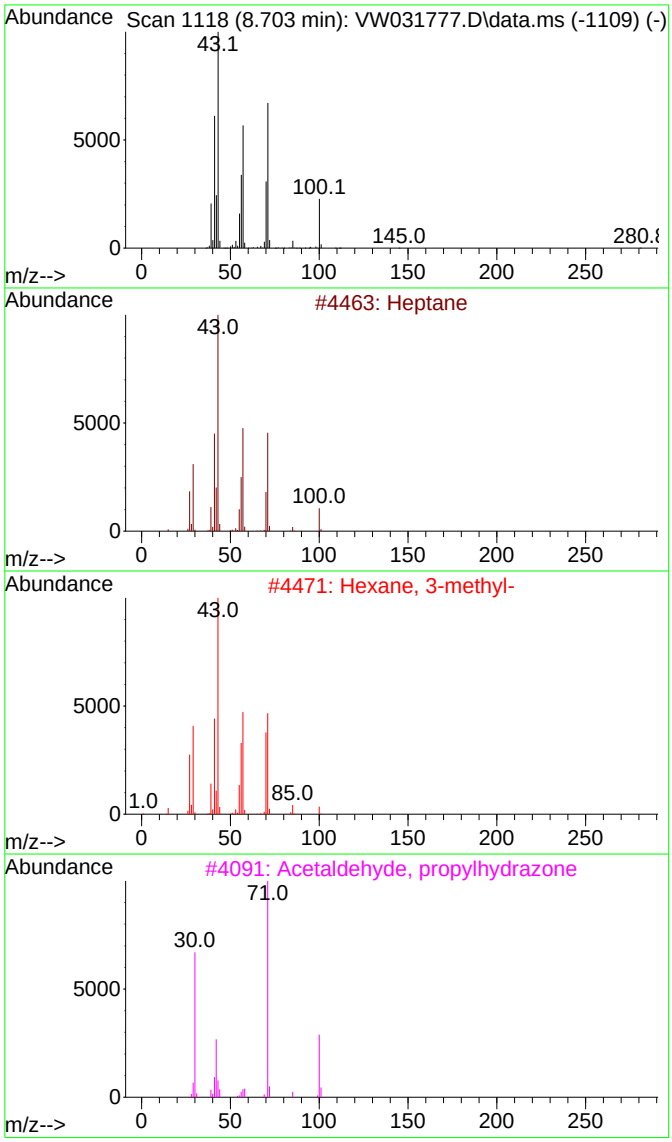
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

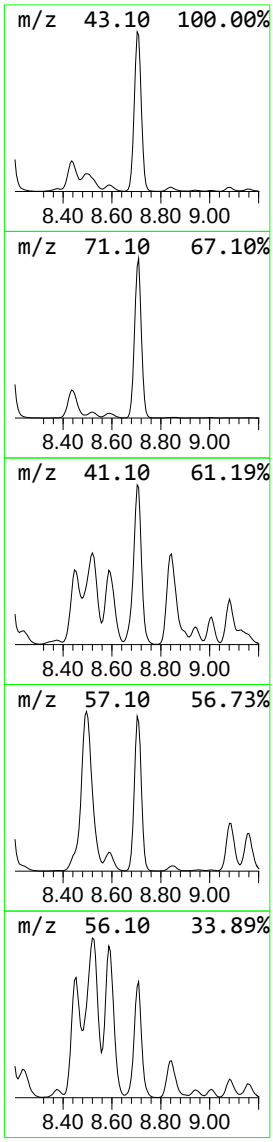
****

Peak Number 1 Heptane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	65.41 ug/l	15246900	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47
4	3-Hexanone	100	C6H12O	000589-38-8	43
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

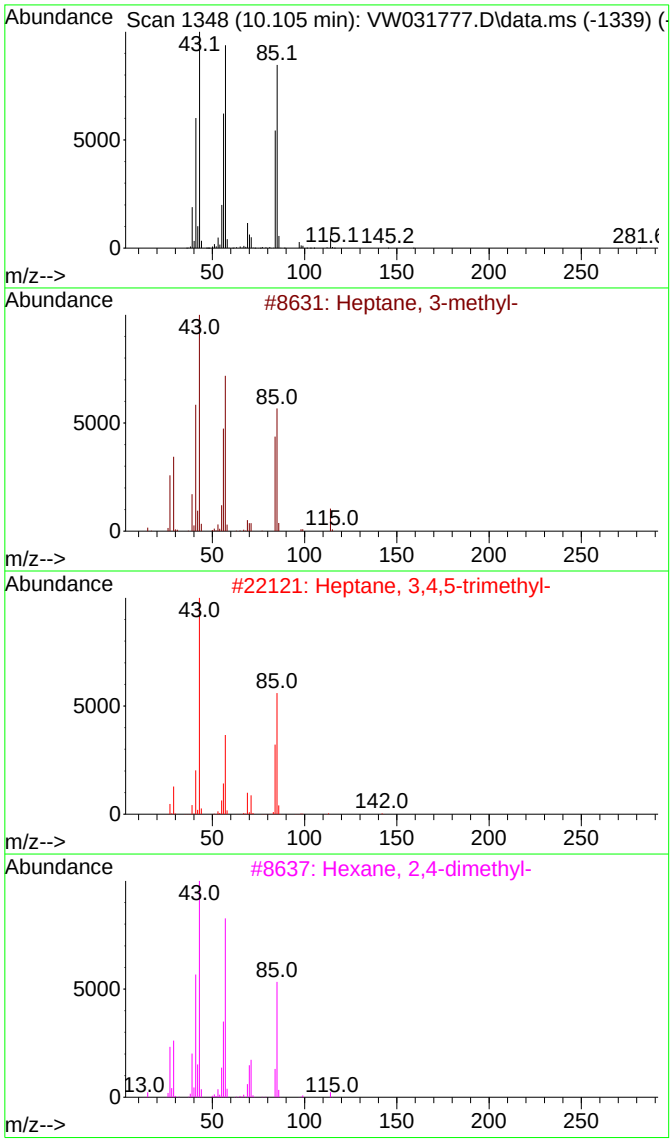
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

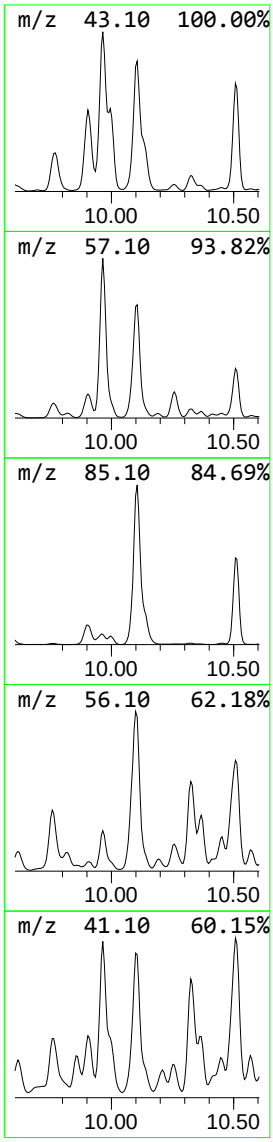
****

Peak Number 2 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.105	84.39 ug/l	19670700	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

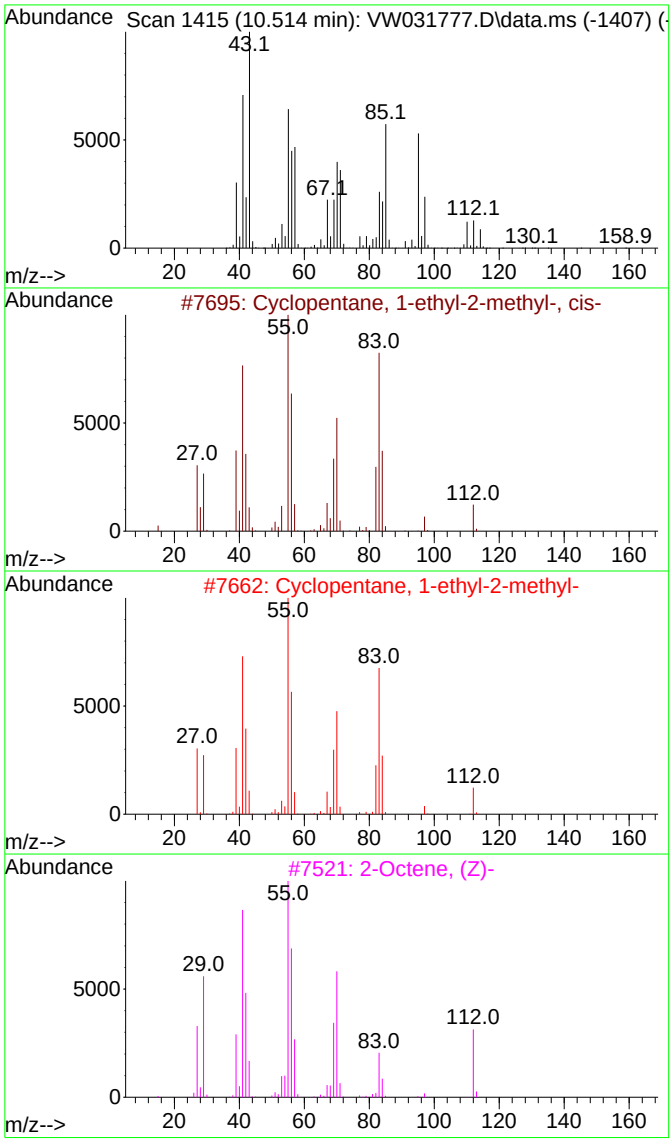
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

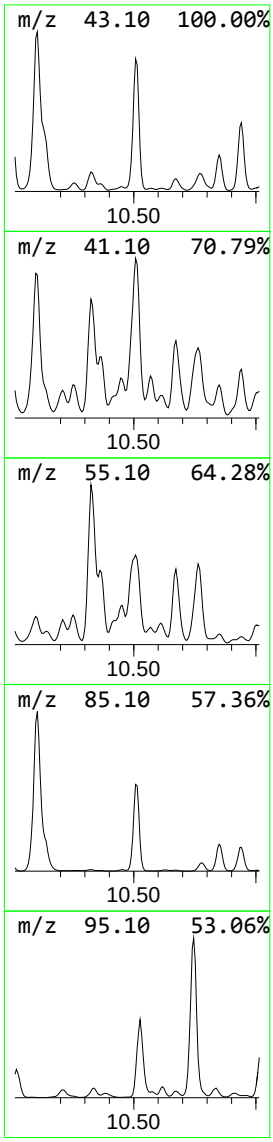
****

Peak Number 3 unknown10.514 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.514	324.99 ug/l	24063000	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	41
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38
3	2-Octene, (Z)-	112	C8H16	007642-04-8	38
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
5	1-Octene	112	C8H16	000111-66-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

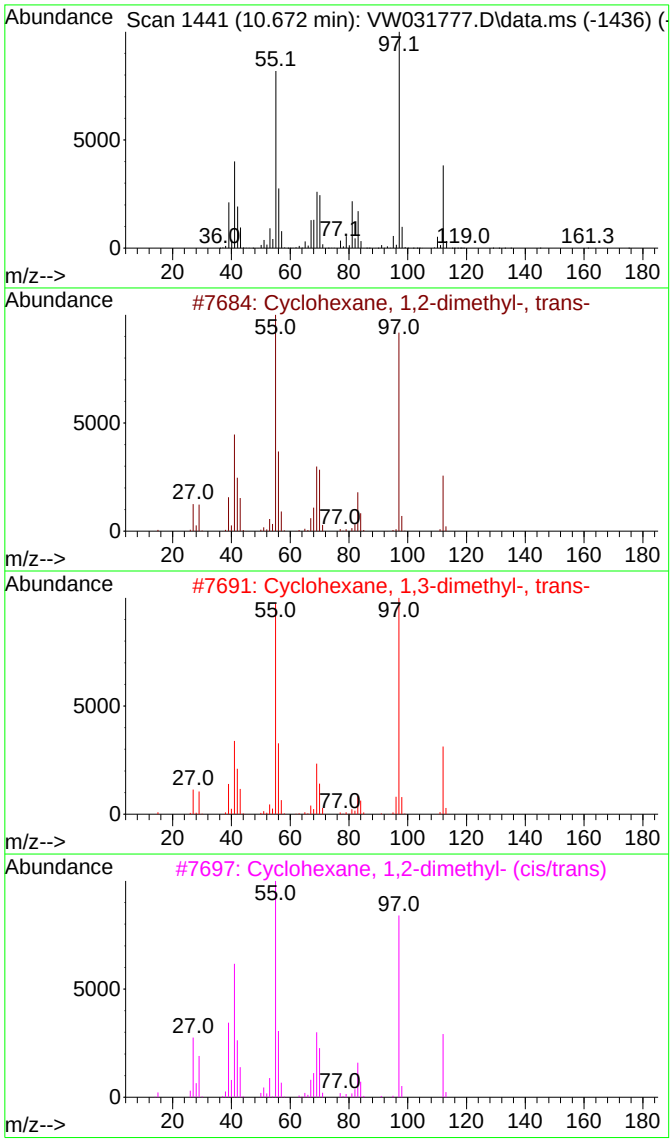
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

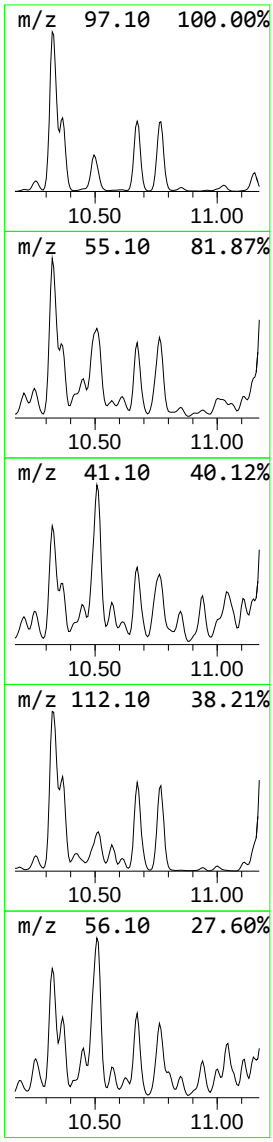
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.672	136.50 ug/l	10106600	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

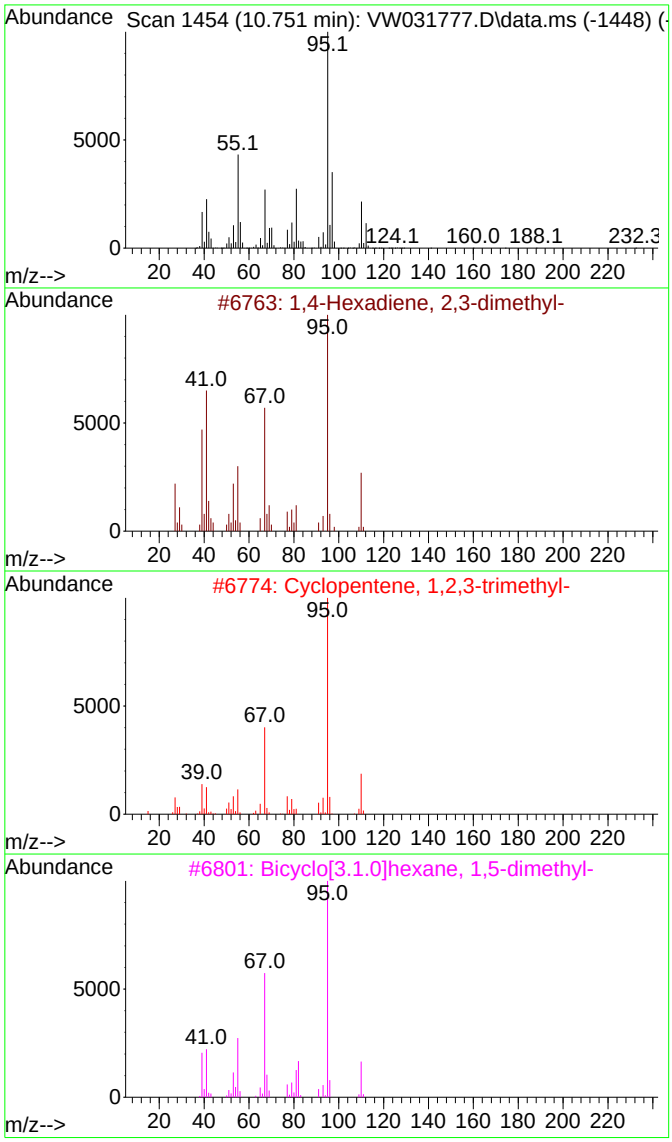
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

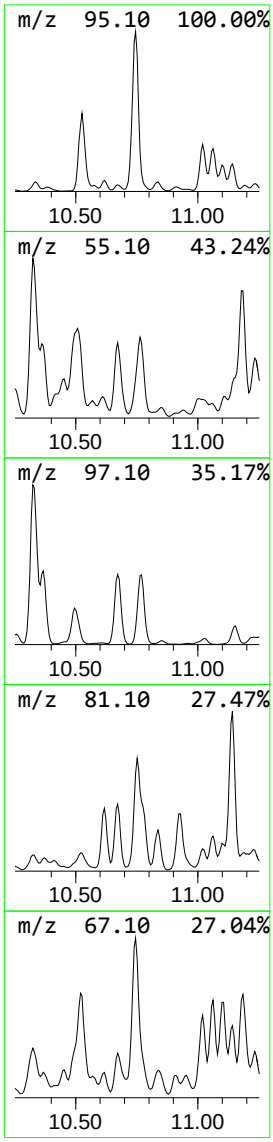
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	259.41 ug/l	19207400	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	68
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	60
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	60
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

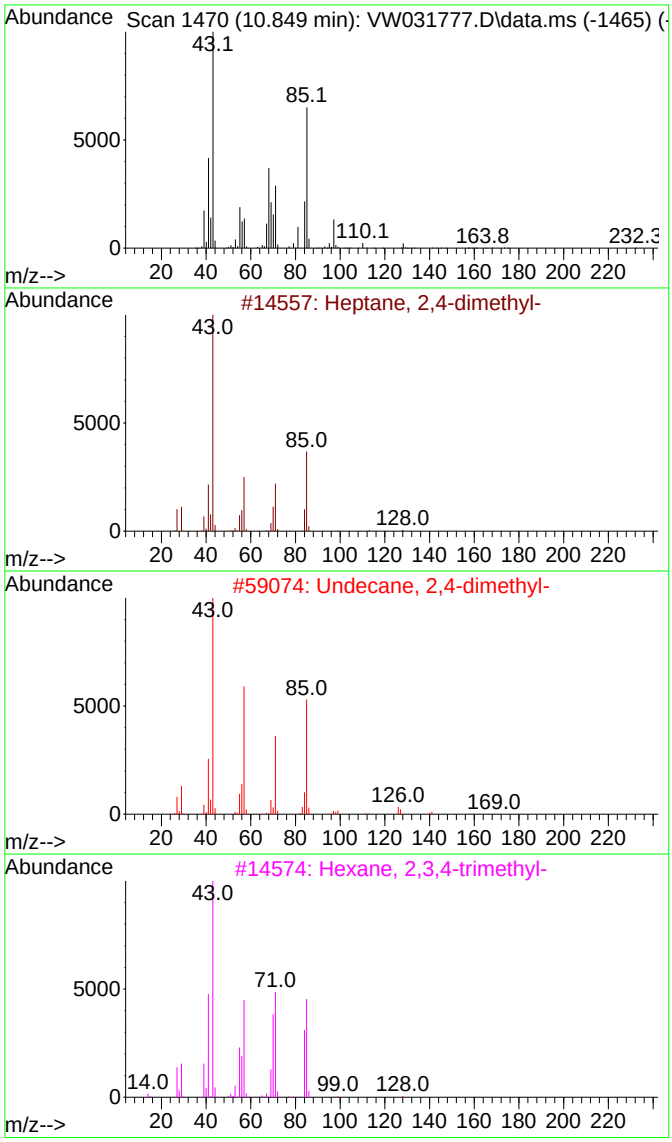
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

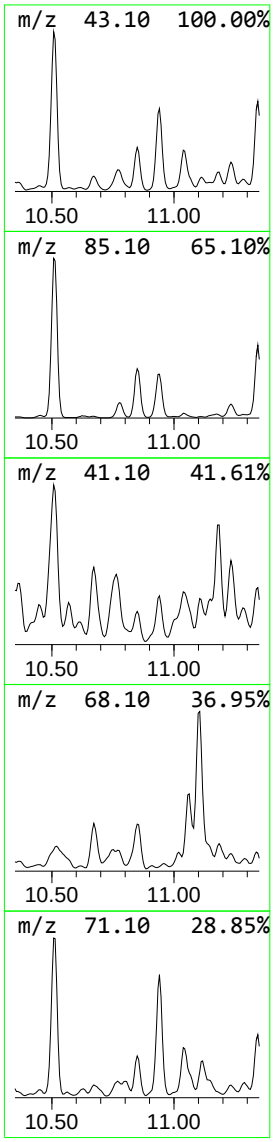
****

Peak Number 6 unknown10.849 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.849	58.48 ug/l	4329770	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	38
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

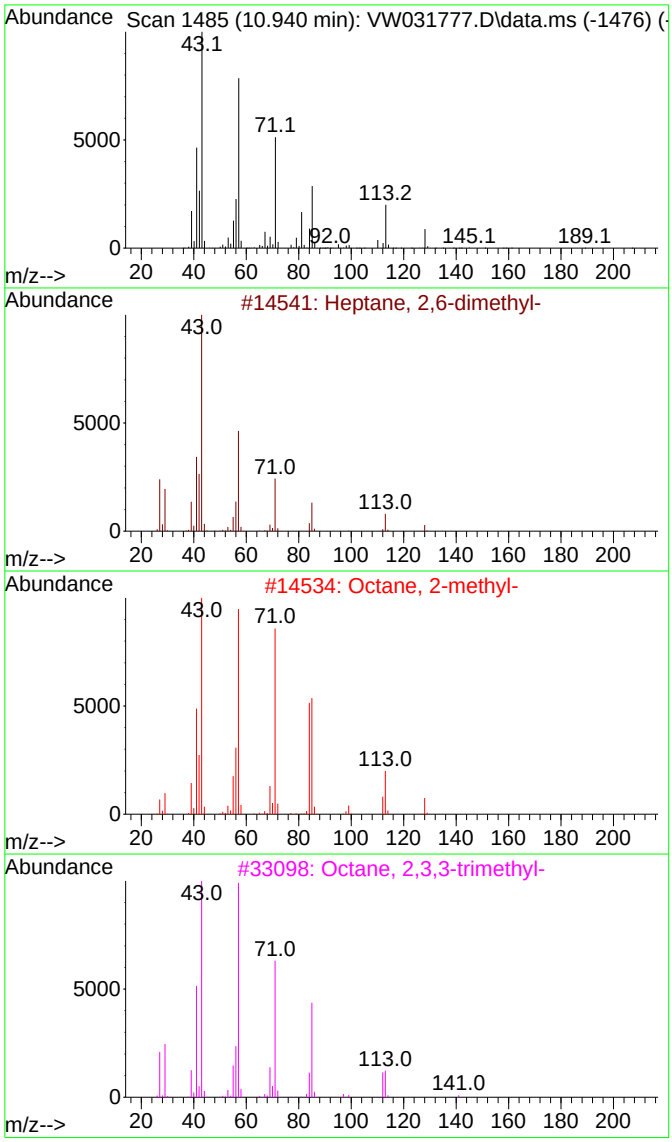
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

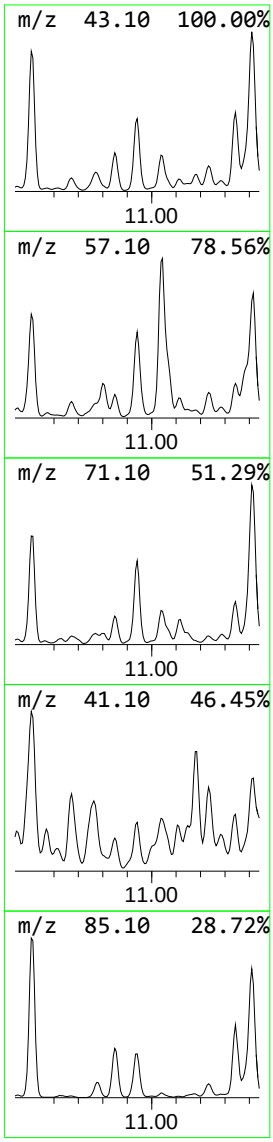
****

Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.940	91.85 ug/l	6800530	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
4	Nonane	128	C9H20	000111-84-2	52
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50





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Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

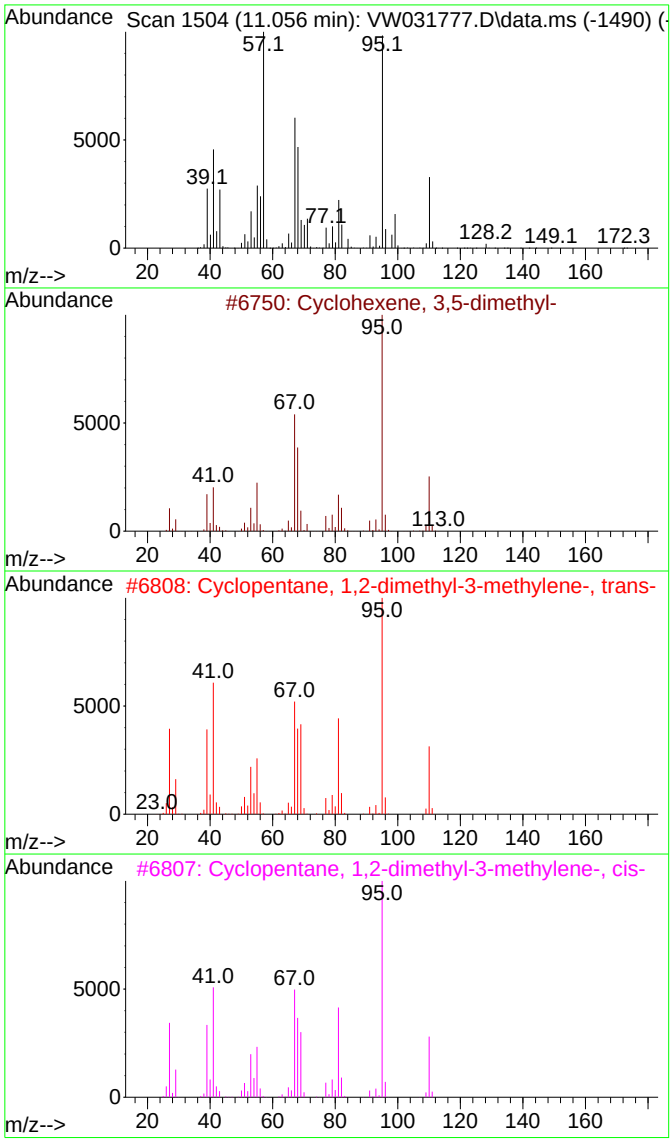
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

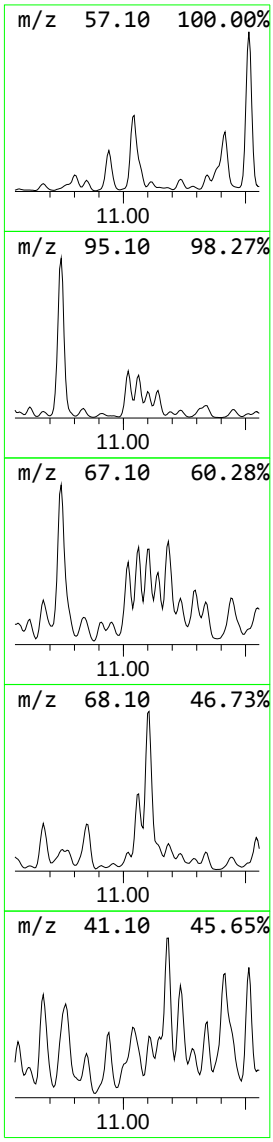
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexene, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.056	183.59 ug/l	13593900	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	94
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	64
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	64
4	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	64
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	60





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Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

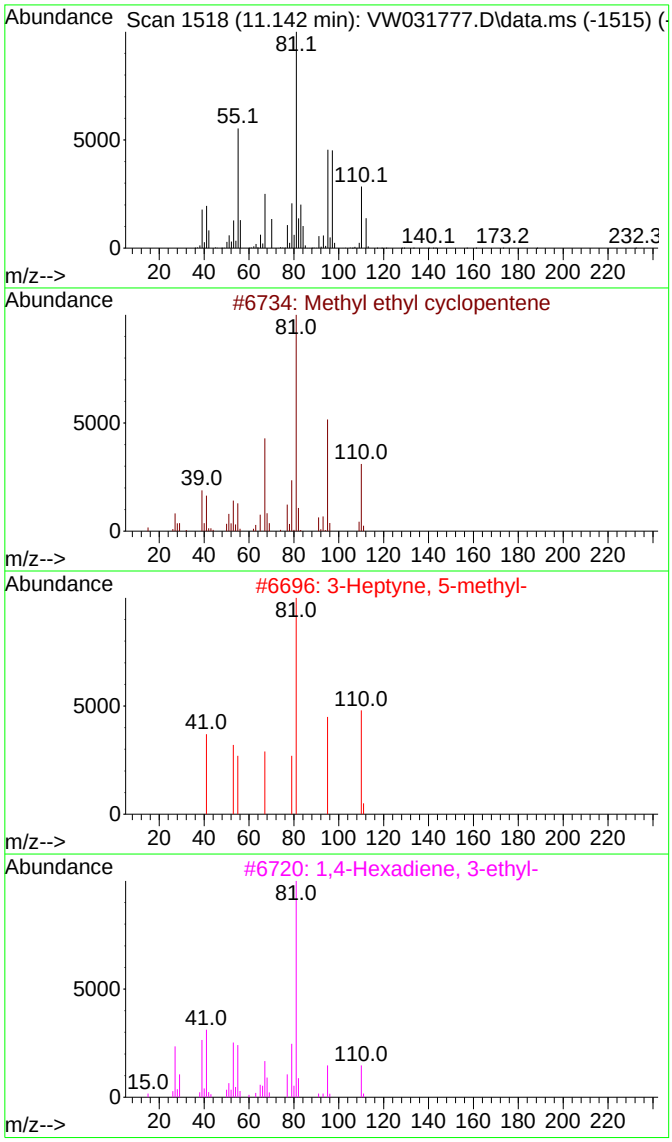
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

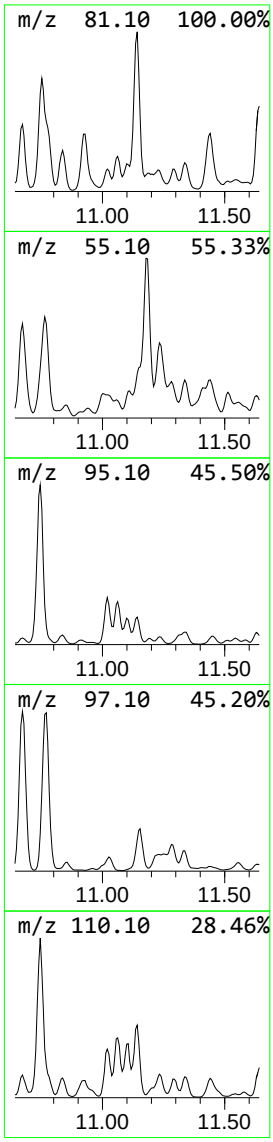
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Methyl ethyl cyclopentene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.142	73.57 ug/l	5447610	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	60
2	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	47
3	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	38
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38





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Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

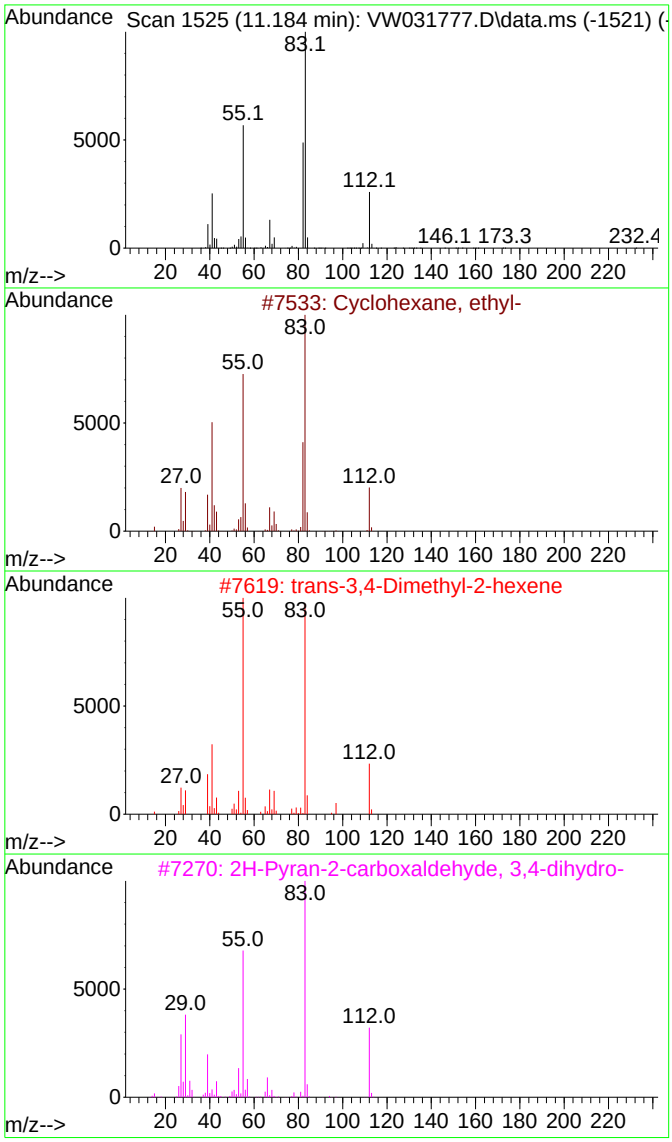
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

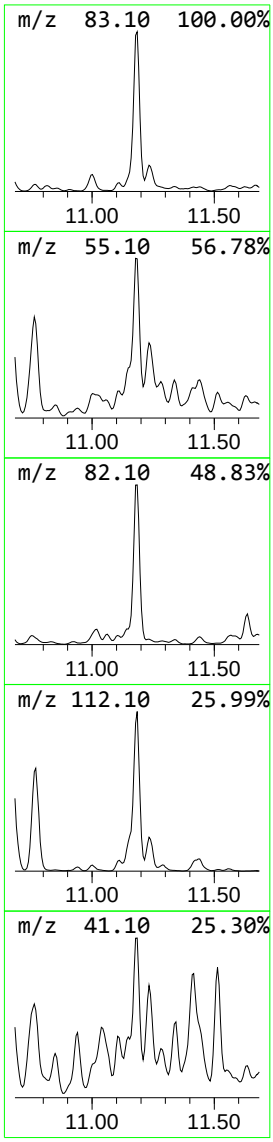
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.184	176.13 ug/l	13041500	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	53
3	2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	50
4	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	50
5	2H-Pyran-2-carboxaldehyde, 5,6-d...	112	C6H8O2	053897-26-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

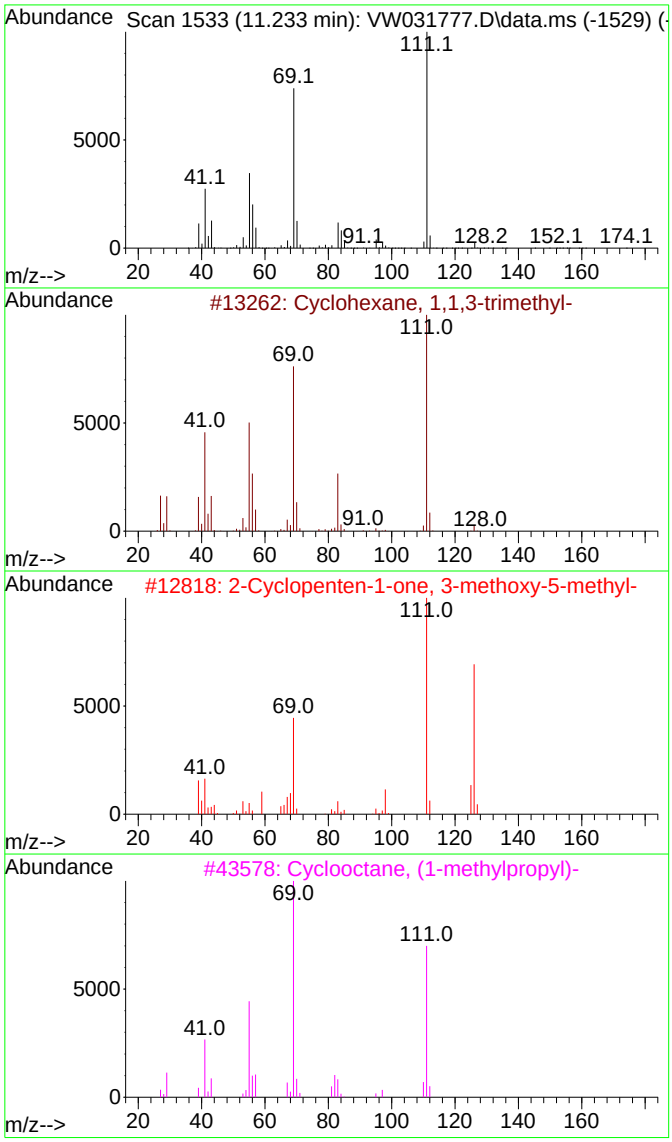
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

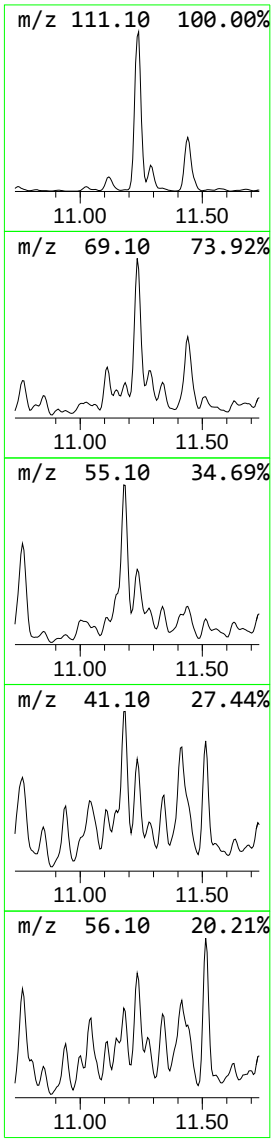
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	131.03 ug/l	9702040	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2	007180-60-1	64
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

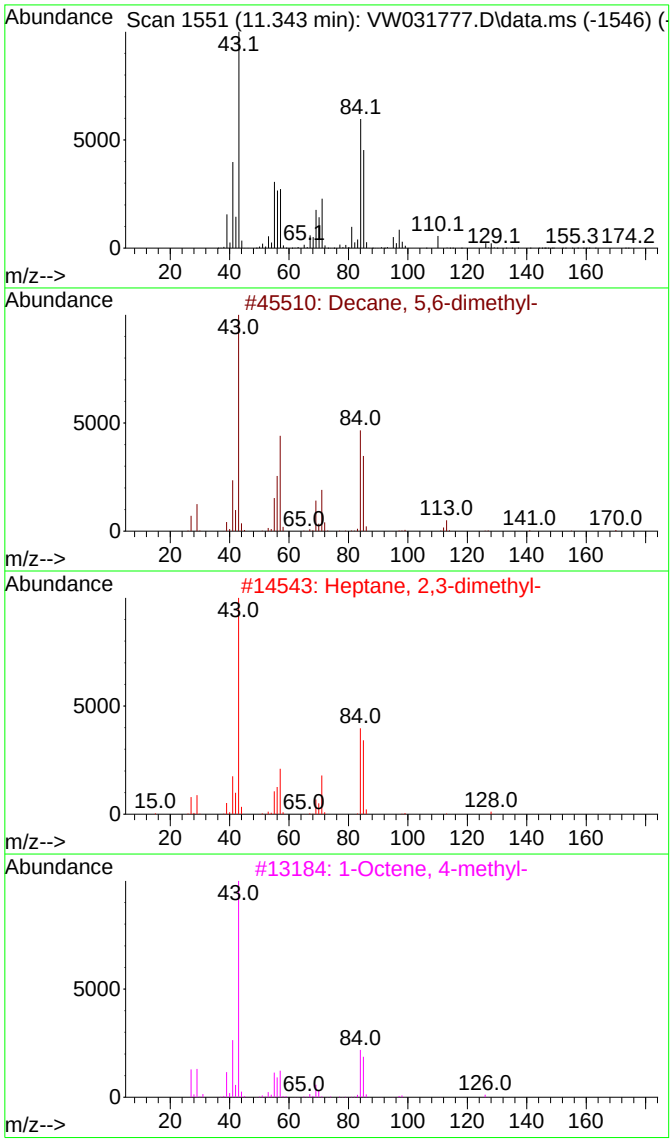
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

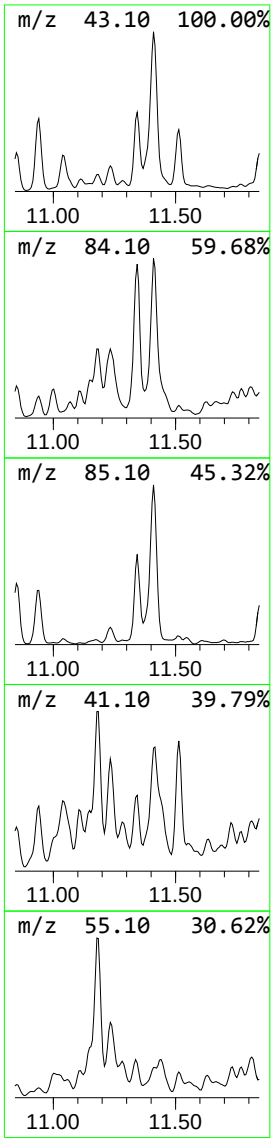
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Decane, 5,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.343	67.88 ug/l	5025820	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
3	1-Octene, 4-methyl-	126	C9H18	013151-12-7	49
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

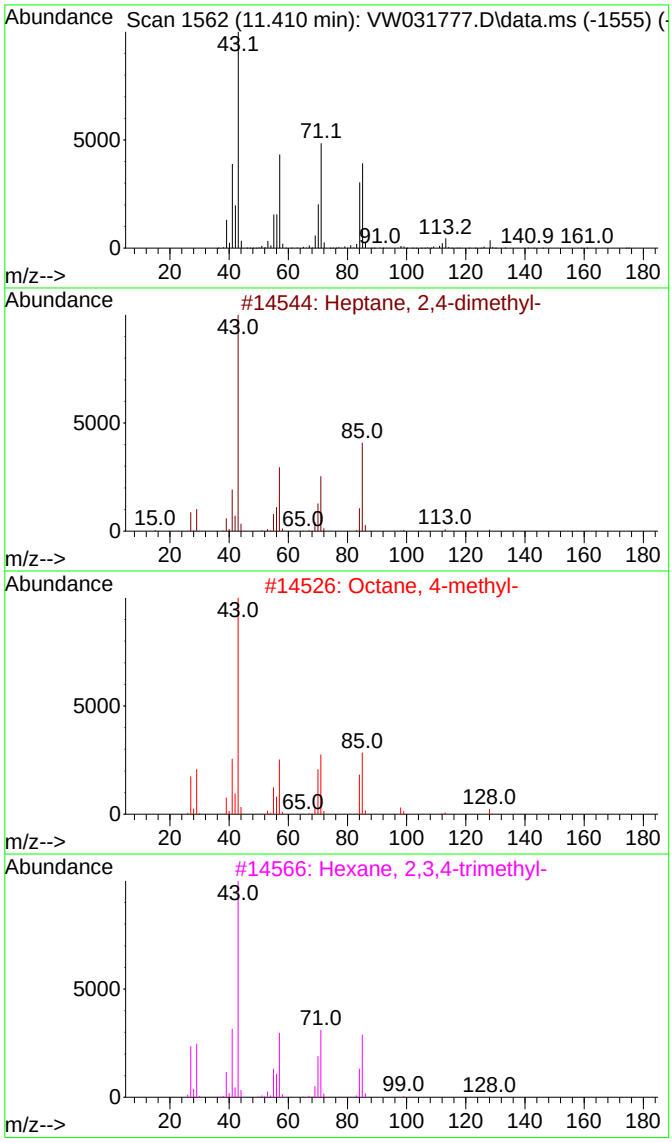
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

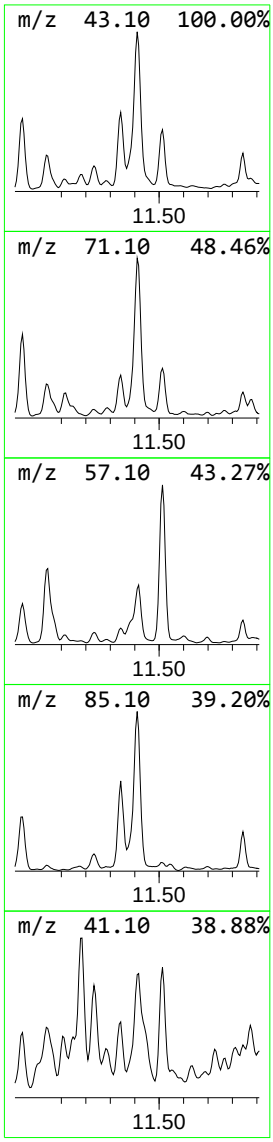
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptane, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	231.58 ug/l	17147200	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	68
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5	Octane	114	C8H18	000111-65-9	59





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Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

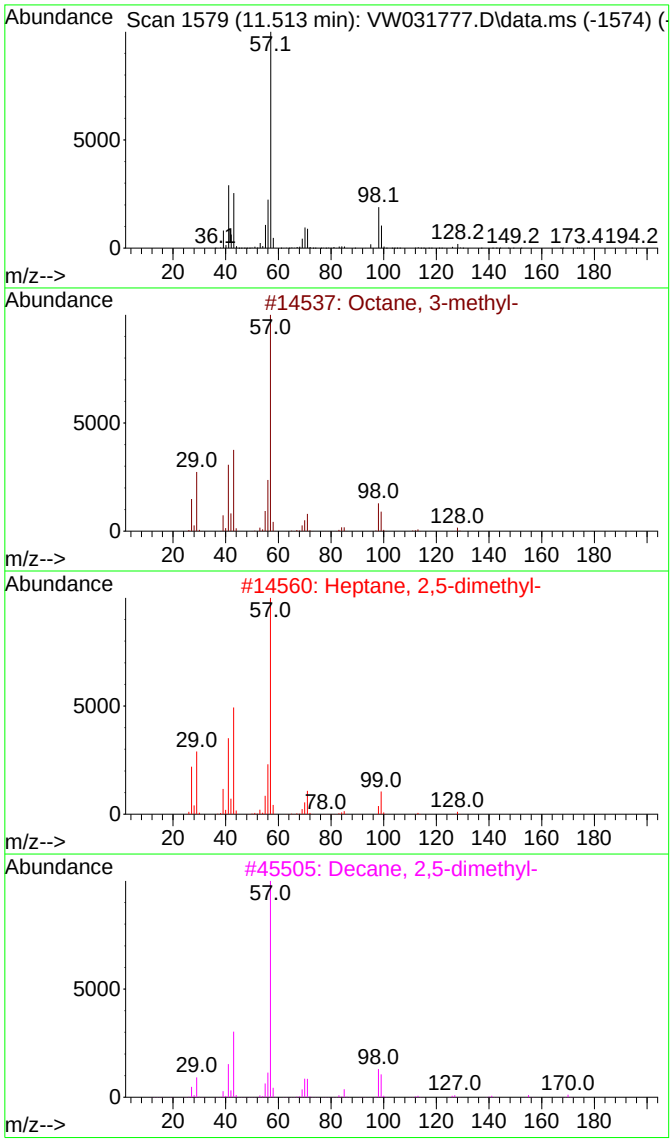
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

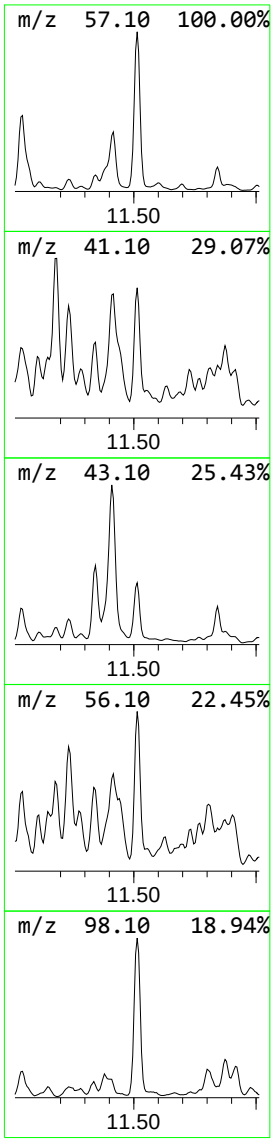
****

Peak Number 14 Octane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	113.45 ug/l	8399970	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

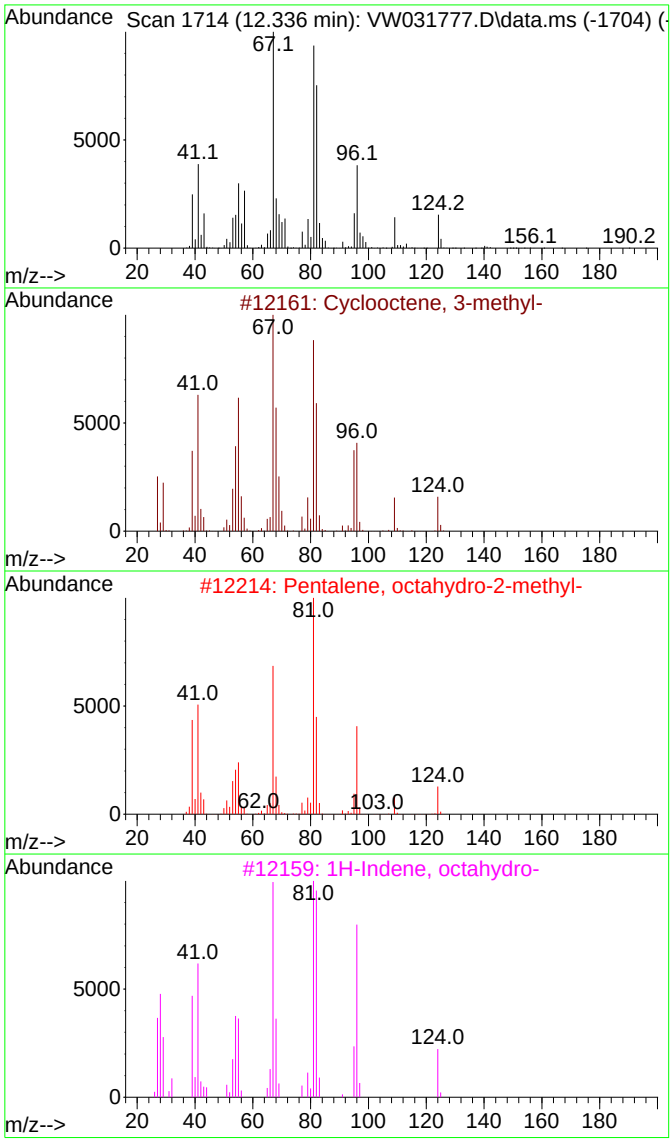
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

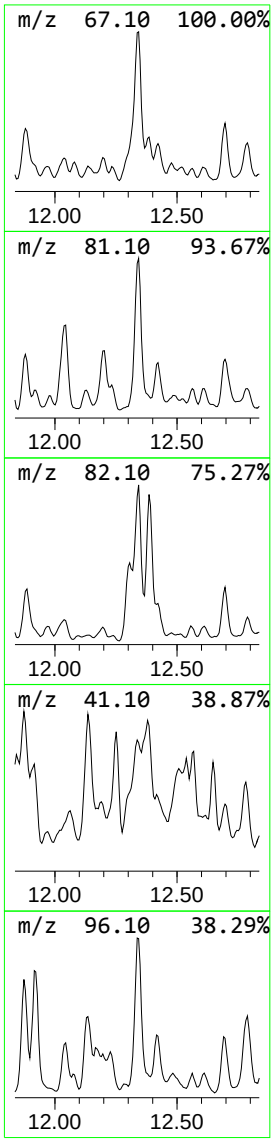
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclooctene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	136.31 ug/l	10092800	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3	1H-Indene, octahydro-	124	C9H16	000496-10-6	58
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane	8.703	65.4	ug/l	15246900	2	8.855	11655200	50.0
Heptane, 3-methyl-	10.105	84.4	ug/l	19670700	2	8.855	11655200	50.0
unknown10.514	10.514	325.0	ug/l	24063000	3	11.629	3702160	50.0
Cyclohexane, 1,...	10.672	136.5	ug/l	10106600	3	11.629	3702160	50.0
1,4-Hexadiene, ...	10.751	259.4	ug/l	19207400	3	11.629	3702160	50.0
unknown10.849	10.849	58.5	ug/l	4329770	3	11.629	3702160	50.0
Heptane, 2,6-di...	10.940	91.8	ug/l	6800530	3	11.629	3702160	50.0
Cyclohexene, 3,...	11.056	183.6	ug/l	13593900	3	11.629	3702160	50.0
Methyl ethyl cy...	11.142	73.6	ug/l	5447610	3	11.629	3702160	50.0
Cyclohexane, et...	11.184	176.1	ug/l	13041500	3	11.629	3702160	50.0
Cyclohexane, 1,...	11.233	131.0	ug/l	9702040	3	11.629	3702160	50.0
Decane, 5,6-dim...	11.343	67.9	ug/l	5025820	3	11.629	3702160	50.0
Heptane, 2,4-di...	11.410	231.6	ug/l	17147200	3	11.629	3702160	50.0
Octane, 3-methyl-	11.514	113.5	ug/l	8399970	3	11.629	3702160	50.0
Cyclooctene, 3-...	12.336	136.3	ug/l	10092800	3	11.629	3702160	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046957.D
Acq On : 10 Jul 2025 19:41
Operator : JC/MD
Sample : Q2480-07ME 10X
Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 11 01:38:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	249557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	445780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	201295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	175050	53.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.397	113	145159	47.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.653	98	533493	49.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	204209	50.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.660%			
Target Compounds						Qvalue
20) Methylene Chloride	2.806	84	3627	1.198	ug/l	90
31) Cyclohexane	5.507	56	58210	12.352	ug/l #	62
39) Methylcyclohexane	7.385	83	210127	41.145	ug/l	96
67) Ethyl Benzene	10.195	91	462128	30.736	ug/l	100
68) m/p-Xylenes	10.305	106	55922	9.871	ug/l	99
73) Isopropylbenzene	10.963	105	95991	6.784	ug/l	99
78) n-propylbenzene	11.305	91	328485	19.252	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	112636	9.796	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	503498	43.324	ug/l	96
85) sec-Butylbenzene	11.890	105	44919	3.000	ug/l	94
86) p-Isopropyltoluene	12.006	119	24833	1.981	ug/l	92
89) n-Butylbenzene	12.329	91	88954m	7.550	ug/l	
95) Naphthalene	13.774	128	261095	22.832	ug/l	98

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

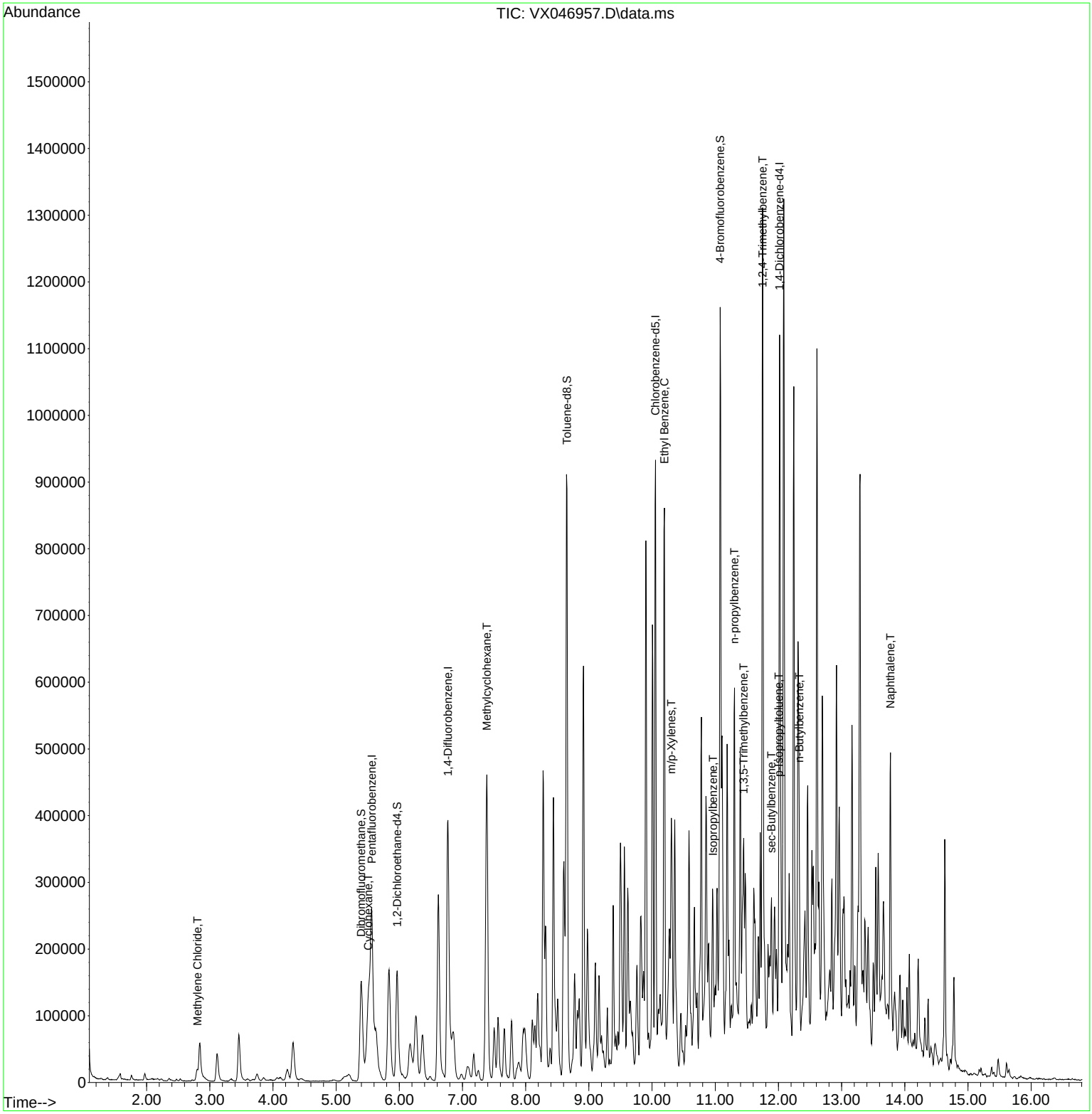
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046957.D
Acq On : 10 Jul 2025 19:41
Operator : JC/MD
Sample : Q2480-07ME 10X
Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

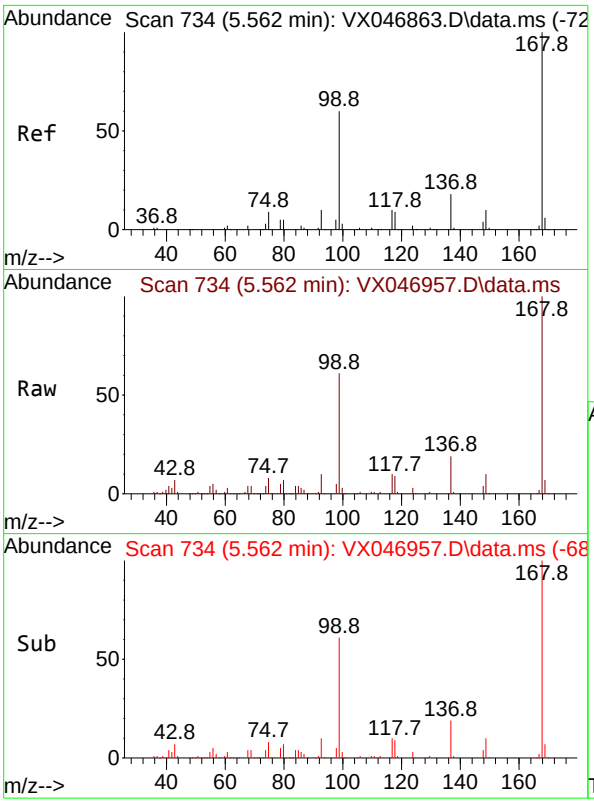
Quant Time: Jul 11 01:38:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

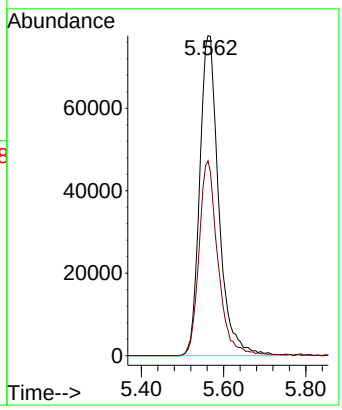




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:168 Resp: 24955

Ion	Ratio	Lower	Upper
168	100		
99	60.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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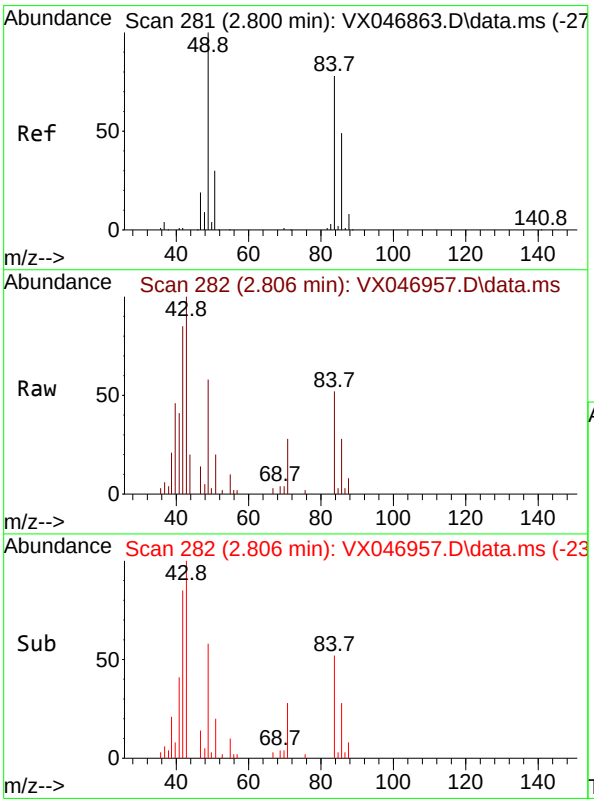
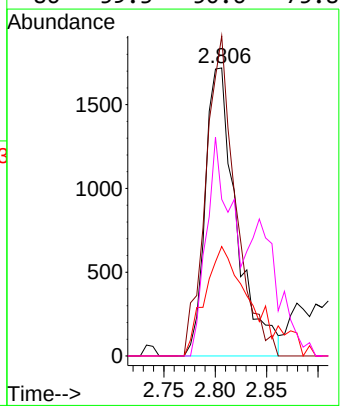
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

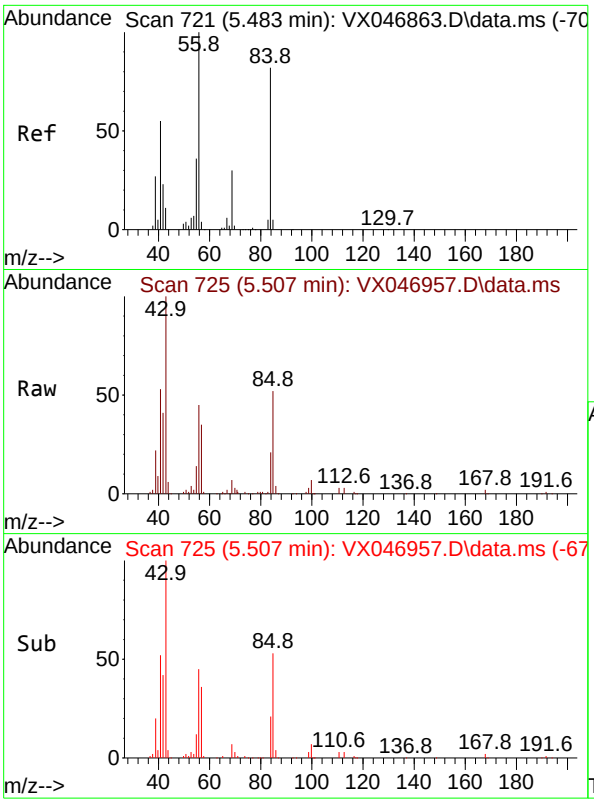


#20
Methylene Chloride
Concen: 1.198 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 84 Resp: 3627

Ion	Ratio	Lower	Upper
84	100		
49	111.1	102.8	154.2
51	38.0	31.1	46.7
86	59.3	50.6	75.8

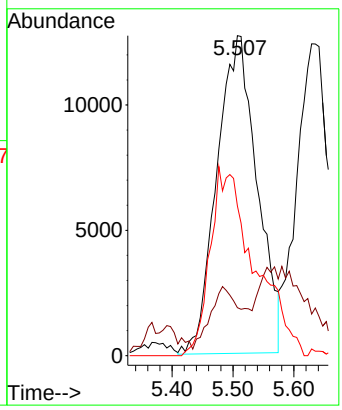




#31
Cyclohexane
Concen: 12.352 ug/l
RT: 5.507 min Scan# 7
Delta R.T. 0.024 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 56 Resp: 5821

Ion	Ratio	Lower	Upper
56	100		
69	11.5	24.0	36.0#
84	47.2	66.5	99.7#



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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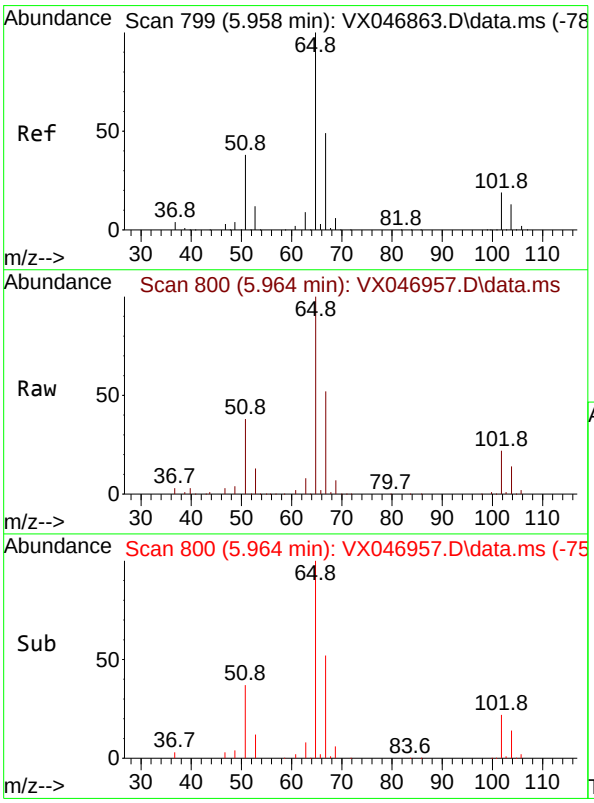
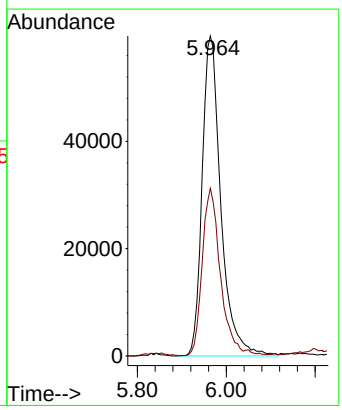
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

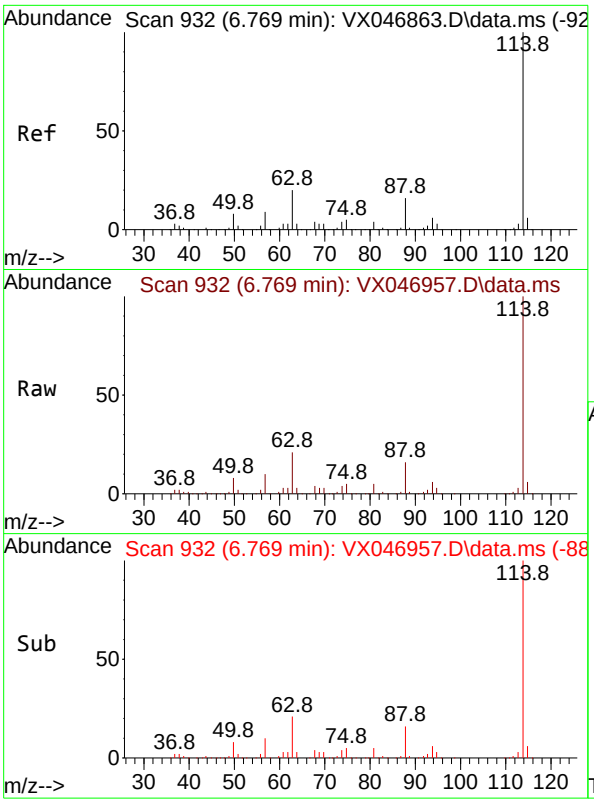


#33
1,2-Dichloroethane-d4
Concen: 53.095 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 65 Resp: 175050

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.2

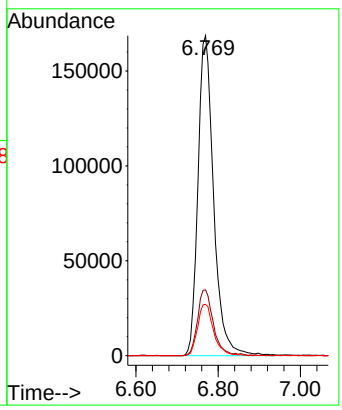




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:114 Resp: 44578

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	16.0	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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Reviewed By :John Carlone 07/11/2025
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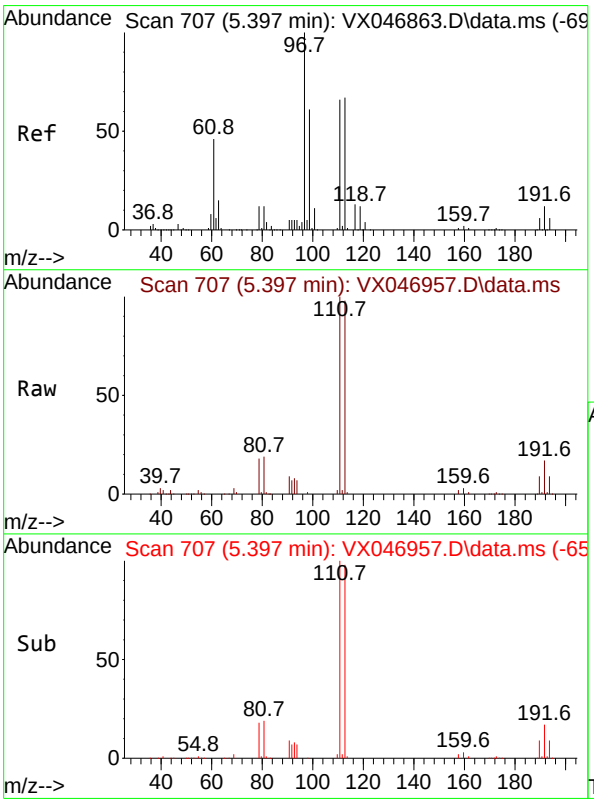
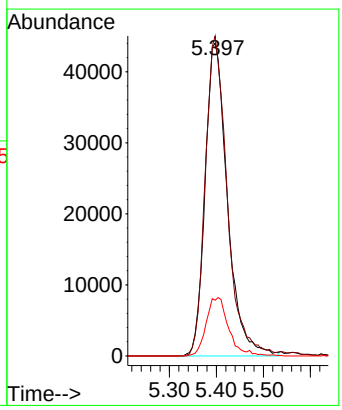
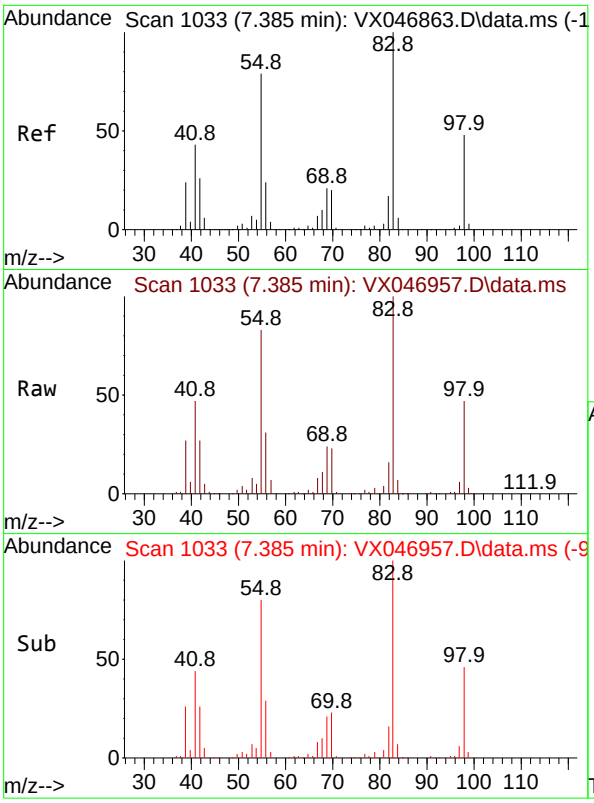


#35
Dibromofluoromethane
Concen: 47.971 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:113 Resp: 145159

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.2	121.8
192	18.8	15.3	22.9

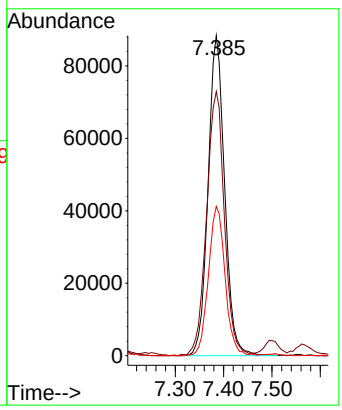




#39
Methylcyclohexane
Concen: 41.145 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 83 Resp: 21012

Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.0	94.4
98	46.7	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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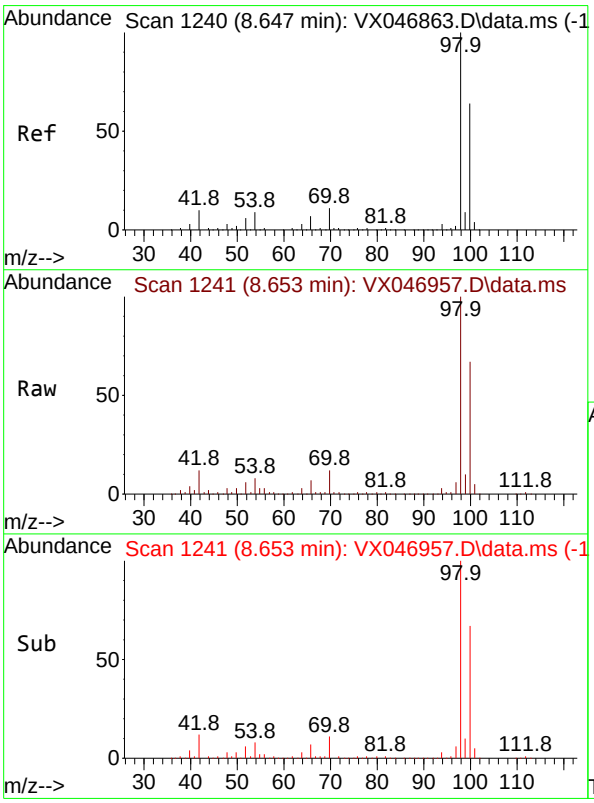
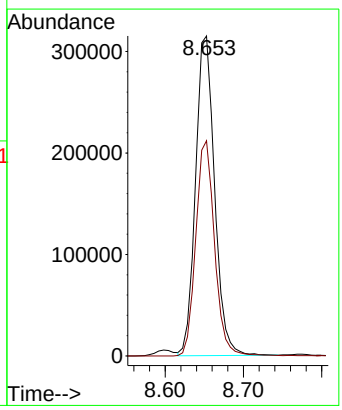
Supervised By :Mahesh Dadoda 07/14/2025

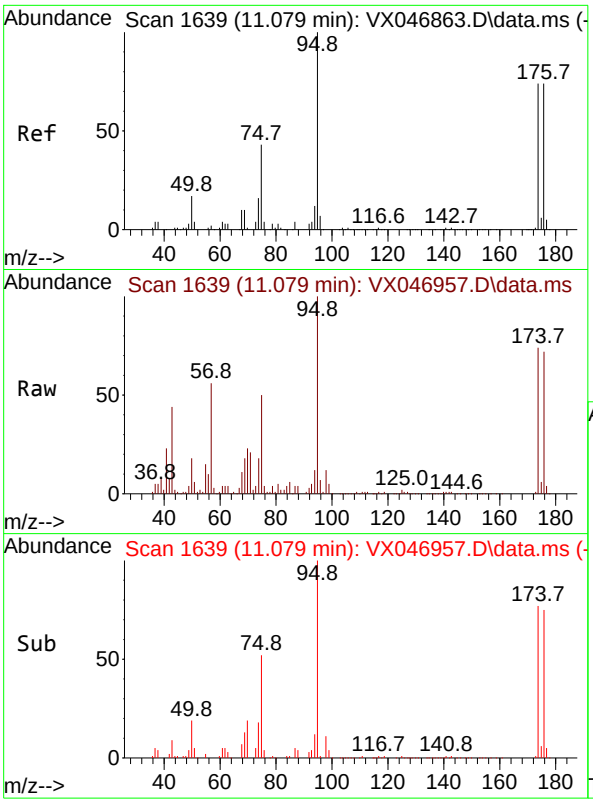


#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 98 Resp: 533493

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

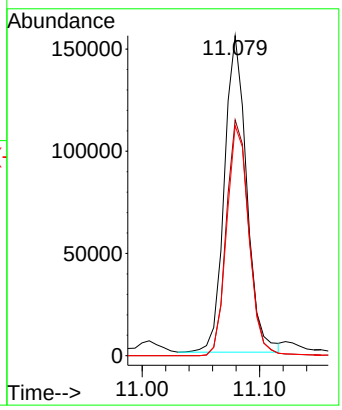




#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 95 Resp: 20420

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	152.0
176	72.5	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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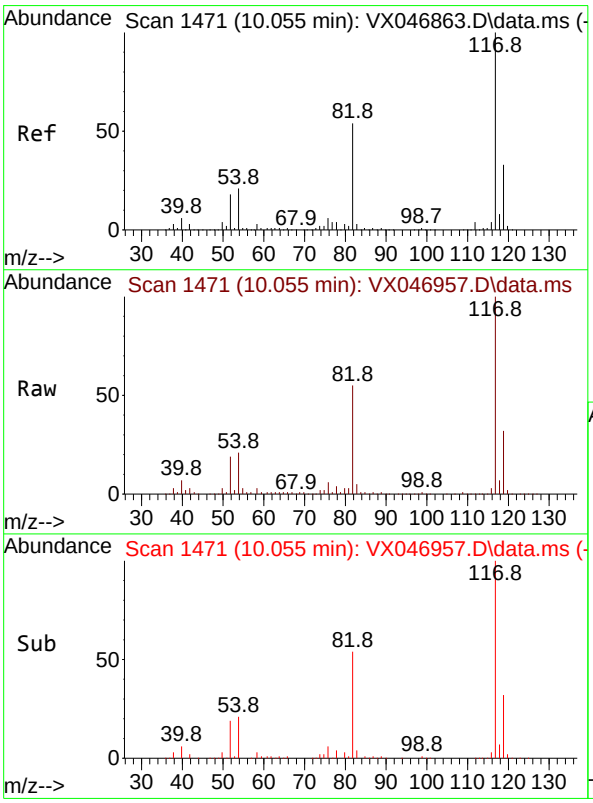
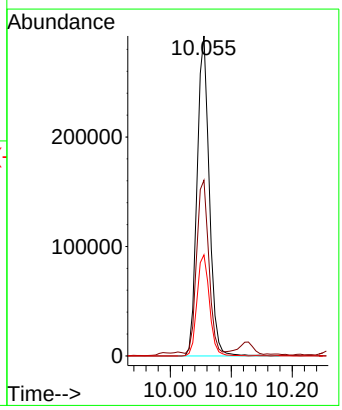
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

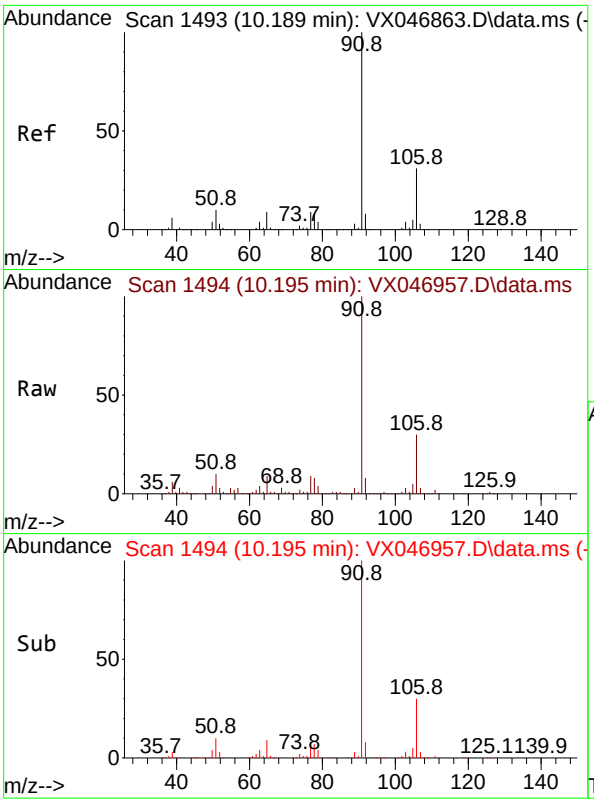


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:117 Resp: 406077

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	31.6	26.4	39.6

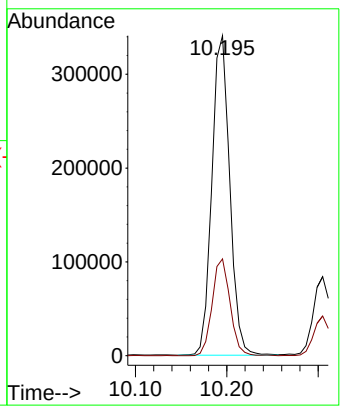




#67
Ethyl Benzene
Concen: 30.736 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 91 Resp: 46212

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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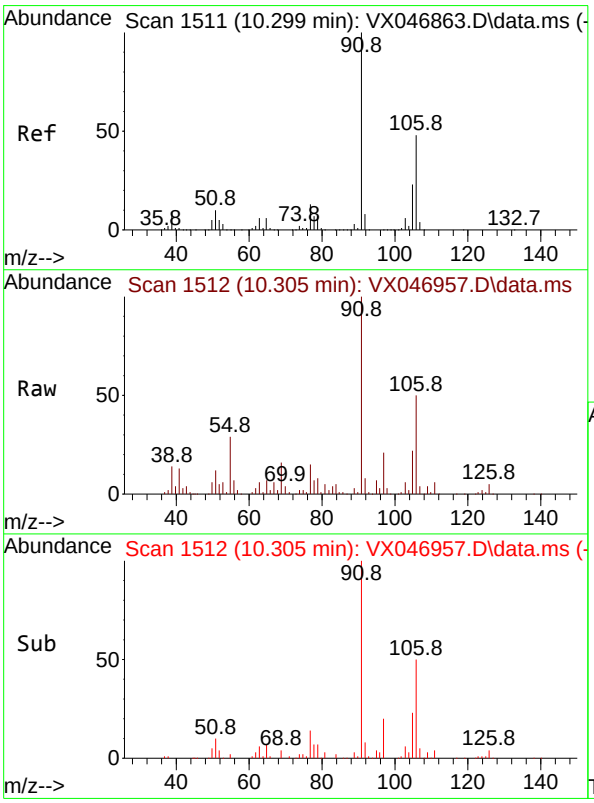
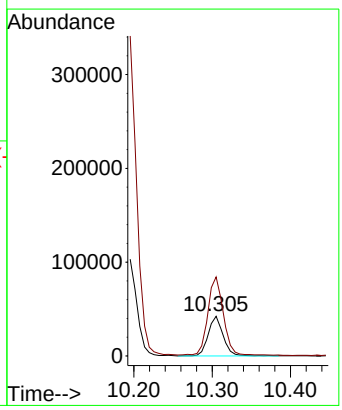
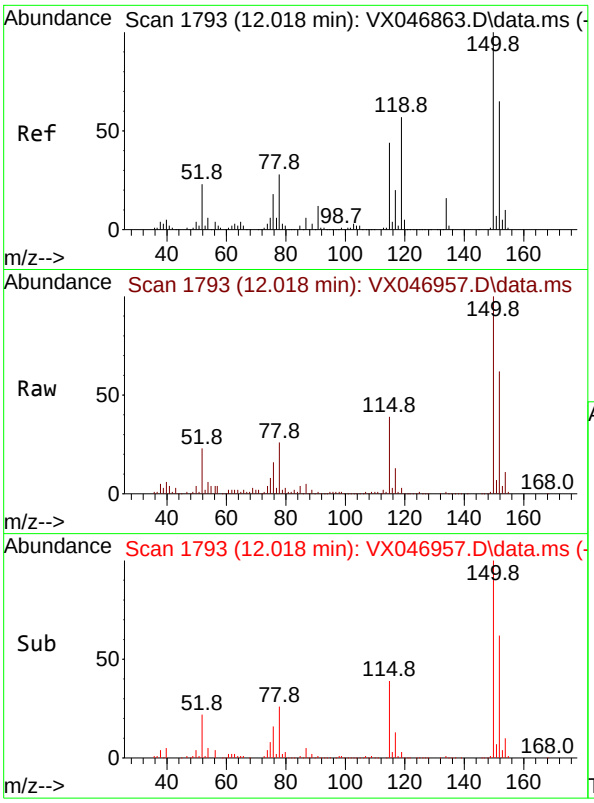


#68
m/p-Xylenes
Concen: 9.871 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:106 Resp: 55922

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.6	246.8

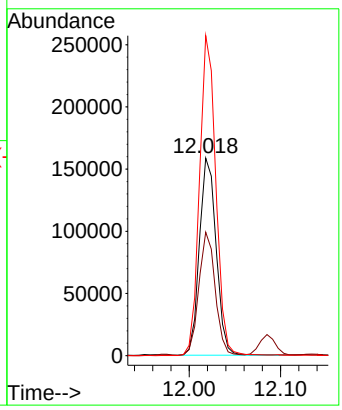




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:152 Resp: 20129

Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.4	127.1
150	158.6	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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Reviewed By :John Carlone 07/11/2025
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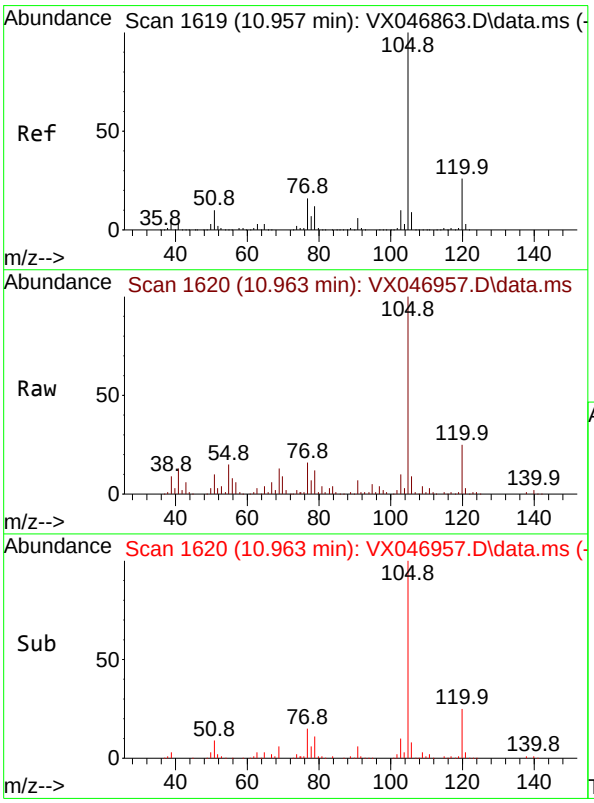
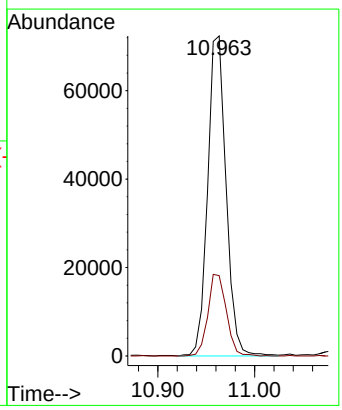
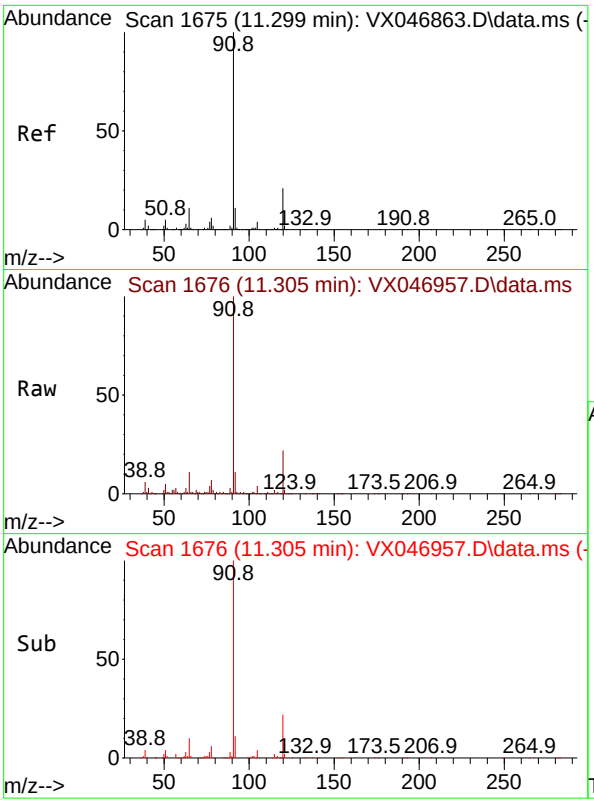


#73
Isopropylbenzene
Concen: 6.784 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 95991

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

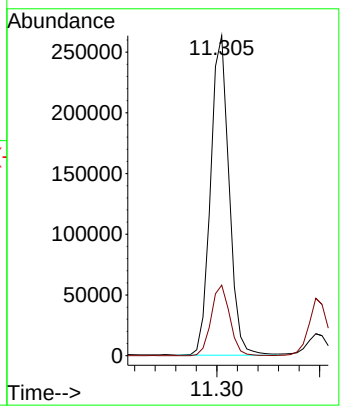




#78
n-propylbenzene
Concen: 19.252 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 91 Resp: 32848

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
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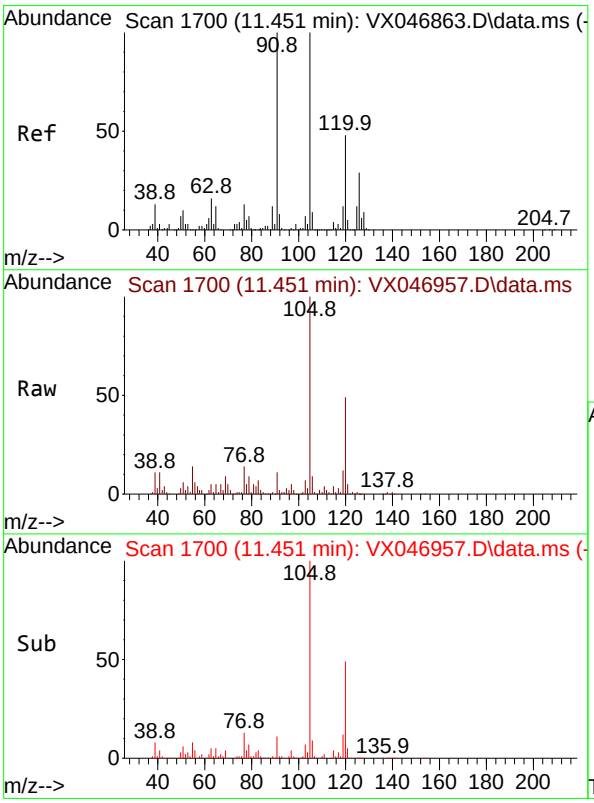
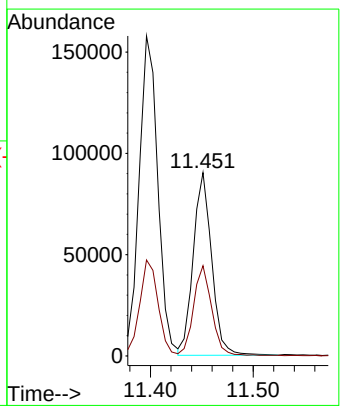
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

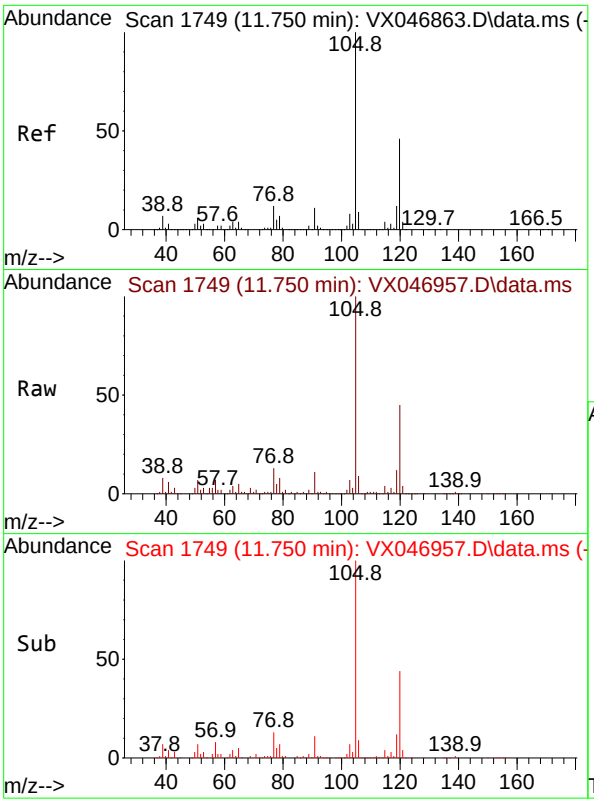


#80
1,3,5-Trimethylbenzene
Concen: 9.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 112636

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.1	72.4

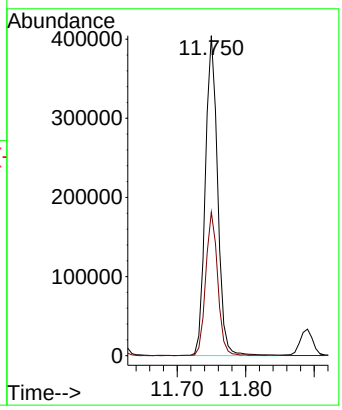




#84
1,2,4-Trimethylbenzene
Concen: 43.324 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 50349

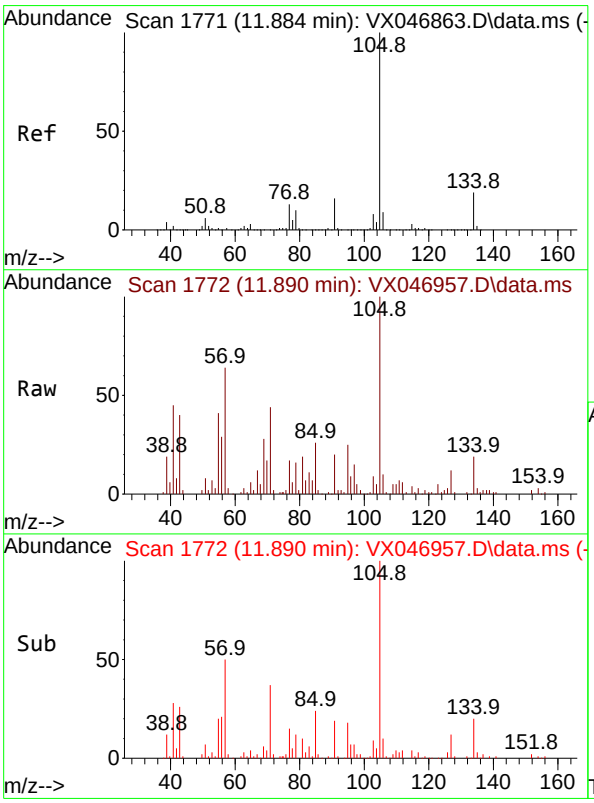
Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

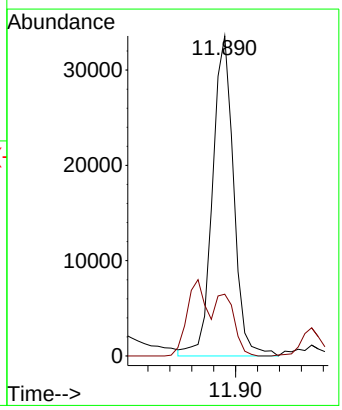
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

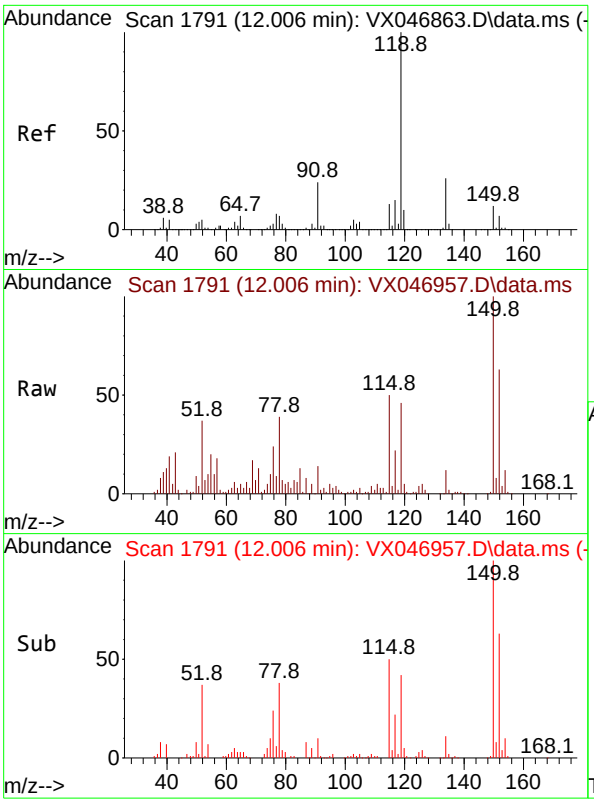


#85
sec-Butylbenzene
Concen: 3.000 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 44919

Ion	Ratio	Lower	Upper
105	100		
134	17.0	9.9	29.7

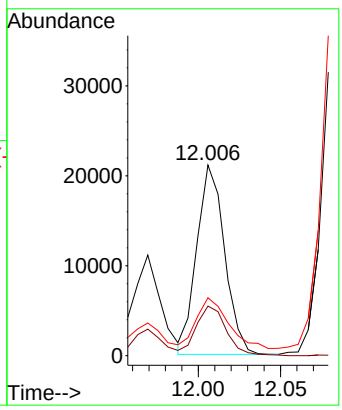




#86
p-Isopropyltoluene
Concen: 1.981 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:119 Resp: 2483

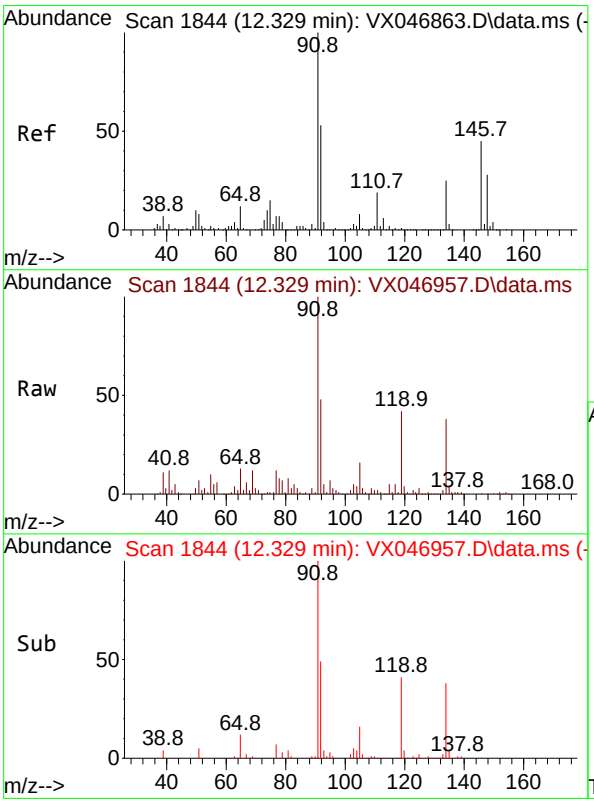
Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.0	39.0
91	30.1	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

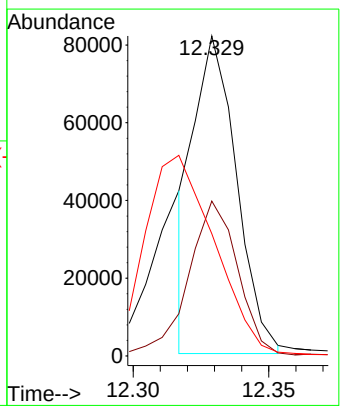
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

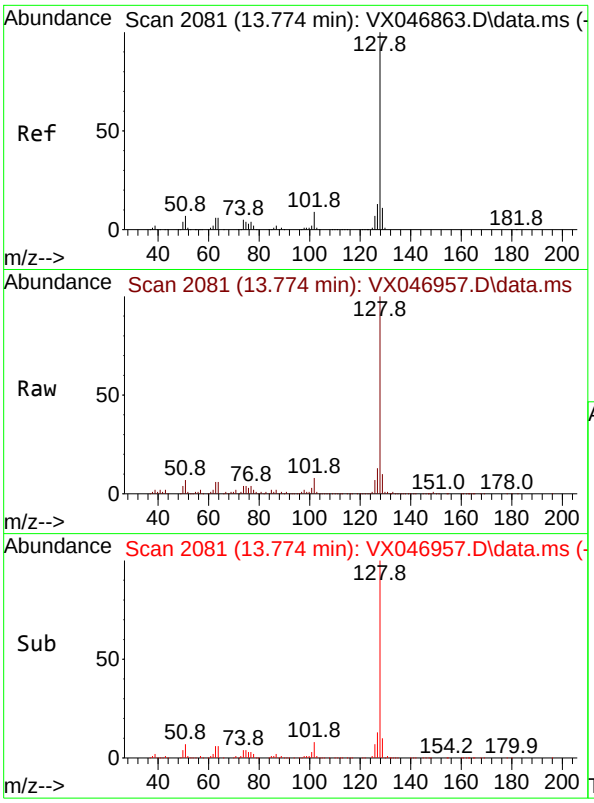


#89
n-Butylbenzene
Concen: 7.550 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 91 Resp: 88954

Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.0	81.0
134	102.3	12.8	38.4#

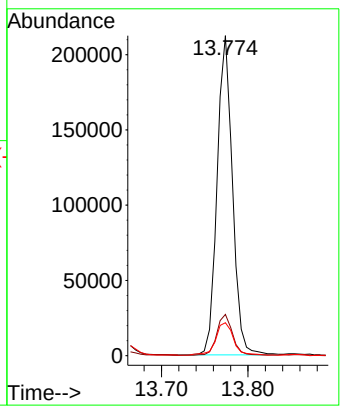




#95
Naphthalene
Concen: 22.832 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:128 Resp: 26109

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.8	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 01:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	377228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	658079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	255953	51.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.720%			
35) Dibromofluoromethane	5.397	113	214083	47.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.653	98	777364	49.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	297095	49.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.200%			
Target Compounds						Qvalue
20) Methylene Chloride	2.800	84	4748	1.037	ug/l #	81
31) Cyclohexane	5.513	56	73441	10.310	ug/l #	59
39) Methylcyclohexane	7.385	83	274007	36.344	ug/l	94
67) Ethyl Benzene	10.195	91	687093	31.734	ug/l	99
68) m/p-Xylenes	10.305	106	299409	36.698	ug/l	99
73) Isopropylbenzene	10.963	105	172680	8.726	ug/l	99
78) n-propylbenzene	11.305	91	679321	28.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	880135	54.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4064066	250.053	ug/l	98
85) sec-Butylbenzene	11.890	105	94342m	4.506	ug/l	
86) p-Isopropyltoluene	12.006	119	77218	4.404	ug/l	97
89) n-Butylbenzene	12.329	91	242755m	14.734	ug/l	
95) Naphthalene	13.774	128	621711	38.875	ug/l	99

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

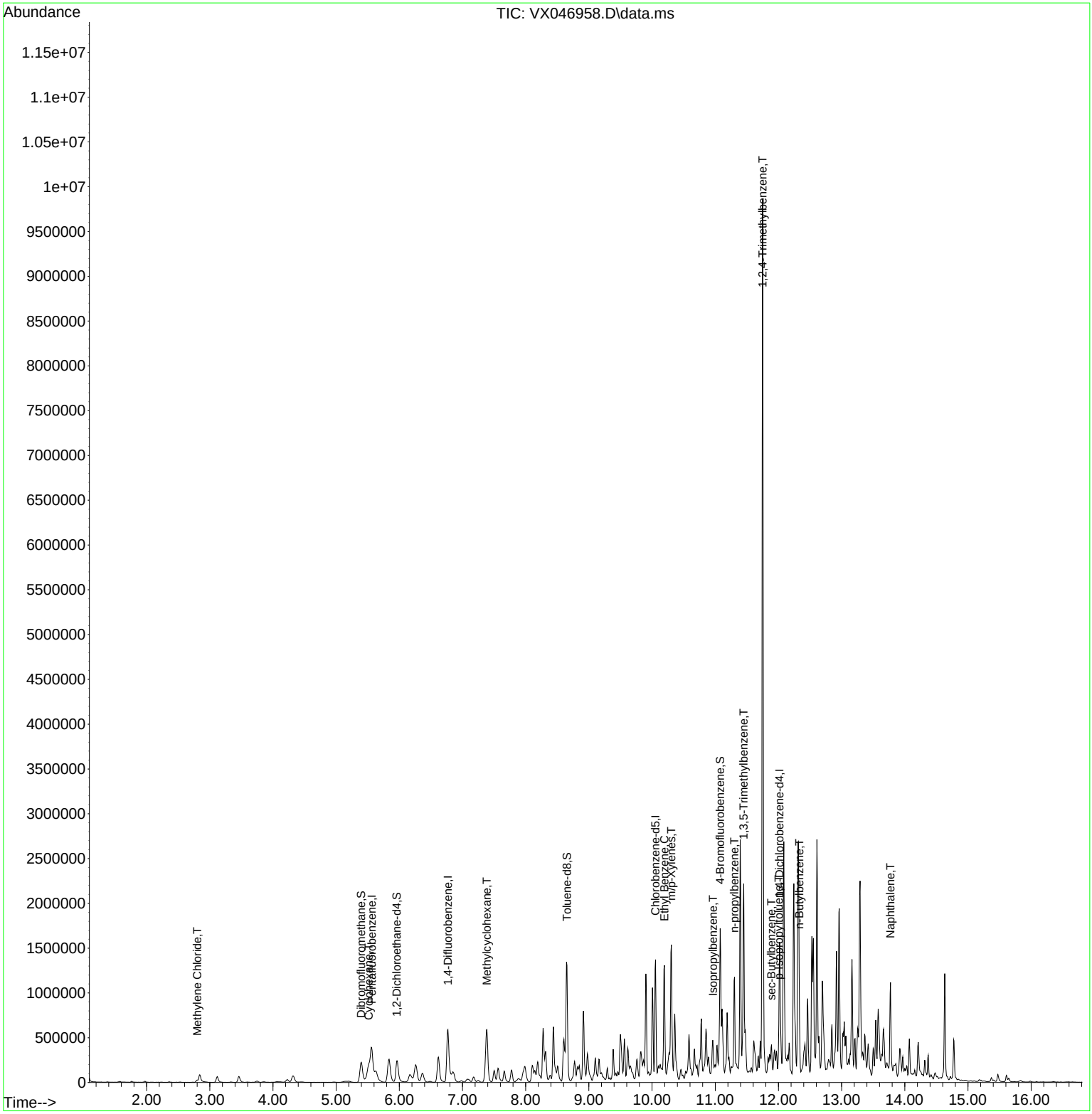
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

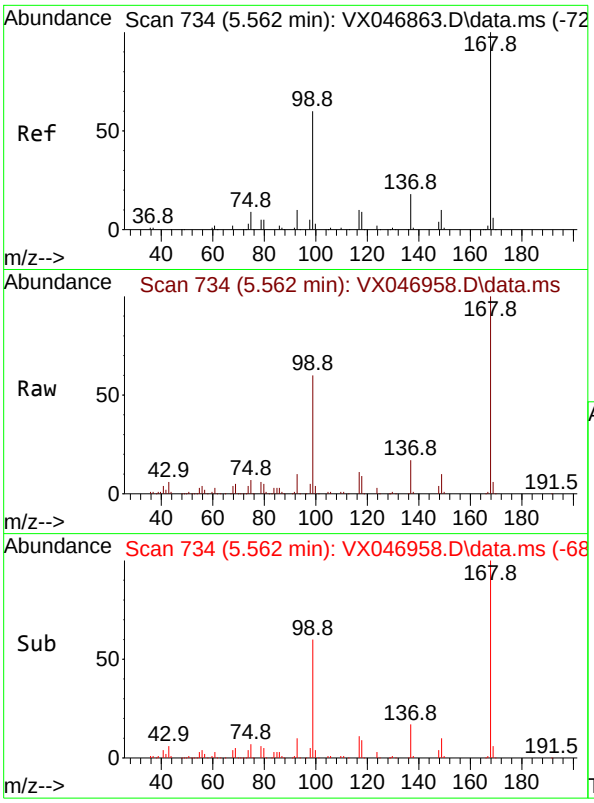
Quant Time: Jul 11 01:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

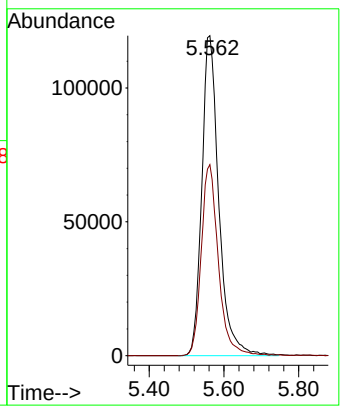




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:168 Resp: 37722

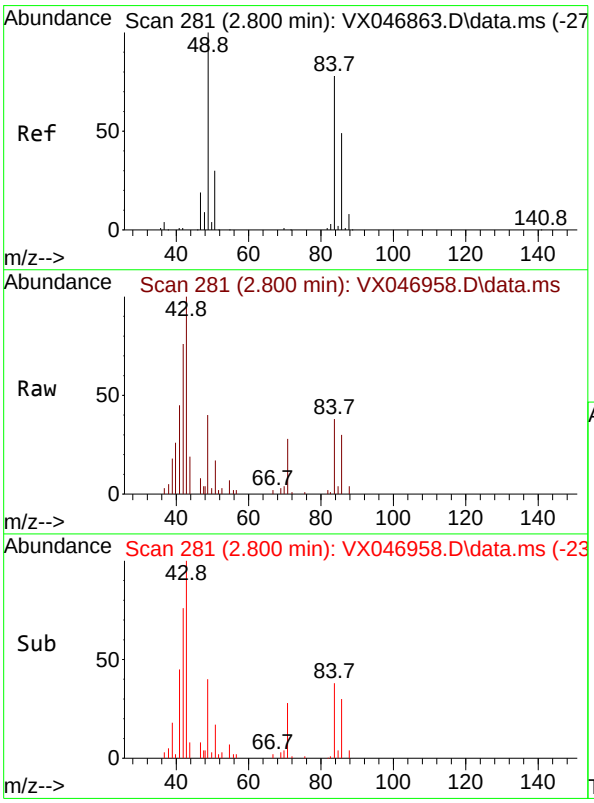
Ion	Ratio	Lower	Upper
168	100		
99	59.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

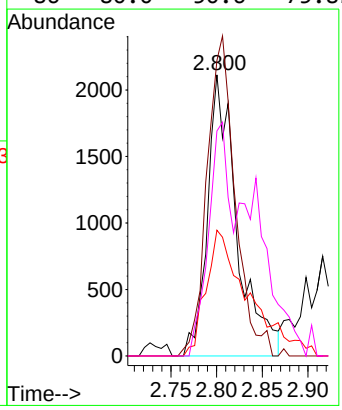
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

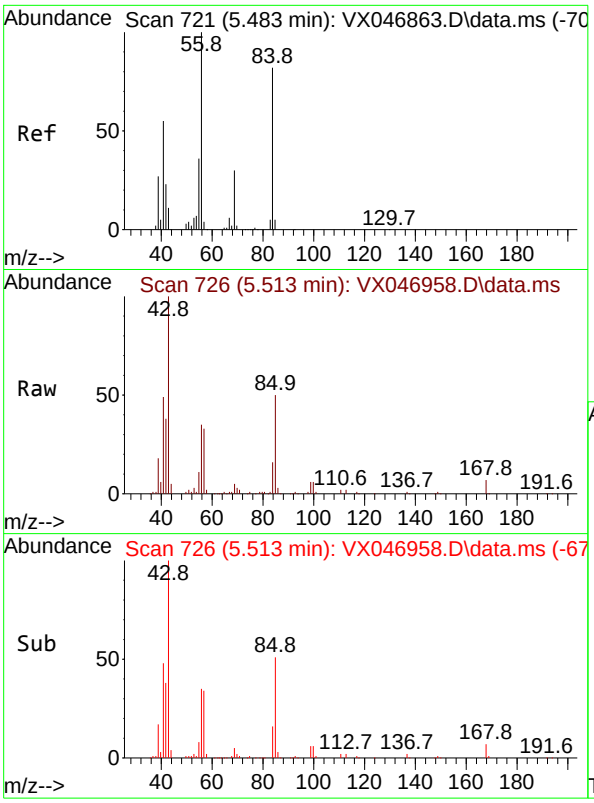


#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 84 Resp: 4748

Ion	Ratio	Lower	Upper
84	100		
49	105.1	102.8	154.2
51	44.7	31.1	46.7
86	80.0	50.6	75.8#





#31
Cyclohexane
Concen: 10.310 ug/l
RT: 5.513 min Scan# 7
Delta R.T. 0.030 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

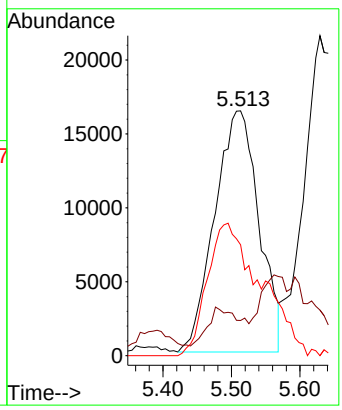
Tgt Ion: 56 Resp: 7344

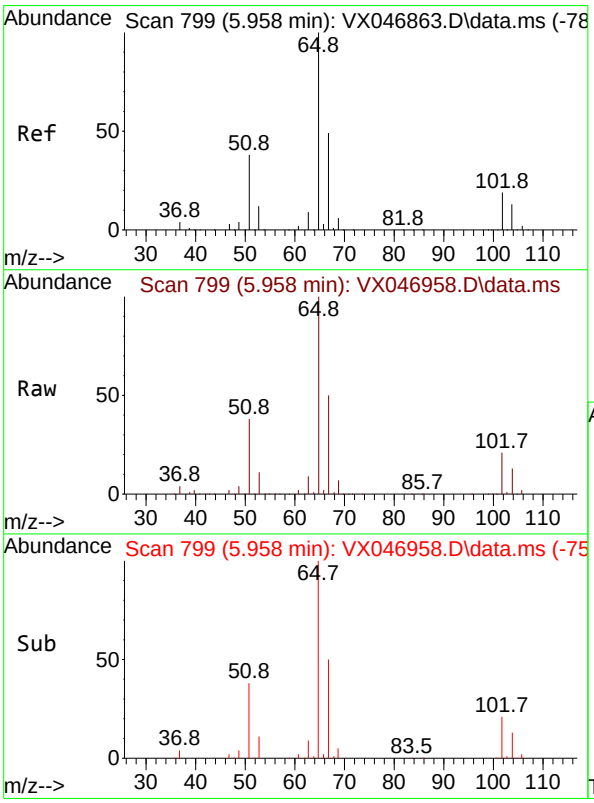
Ion	Ratio	Lower	Upper
56	100		
69	7.7	24.0	36.0#
84	46.0	66.5	99.7#

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

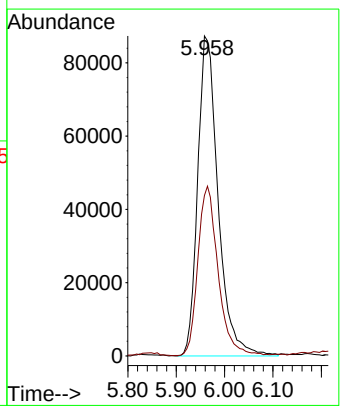


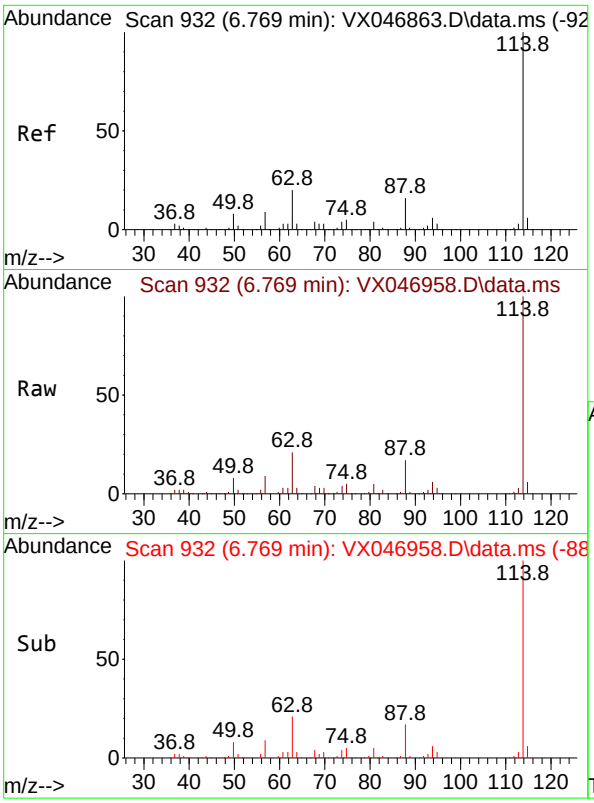


#33
1,2-Dichloroethane-d4
Concen: 51.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 65 Resp: 255953

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2

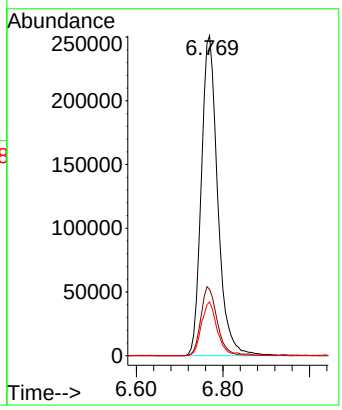




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:114 Resp: 65807

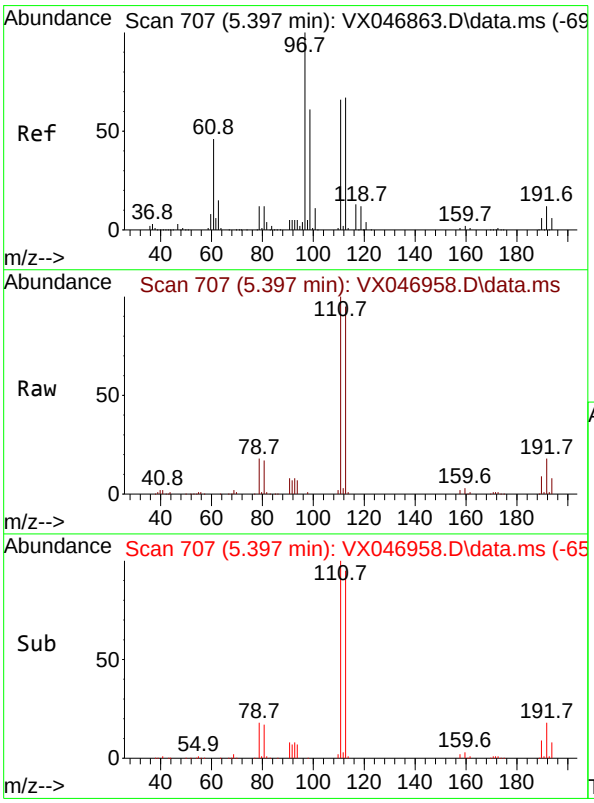
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	16.8	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

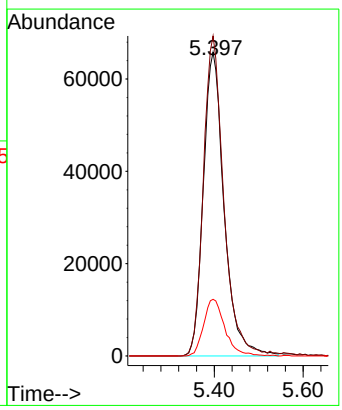
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

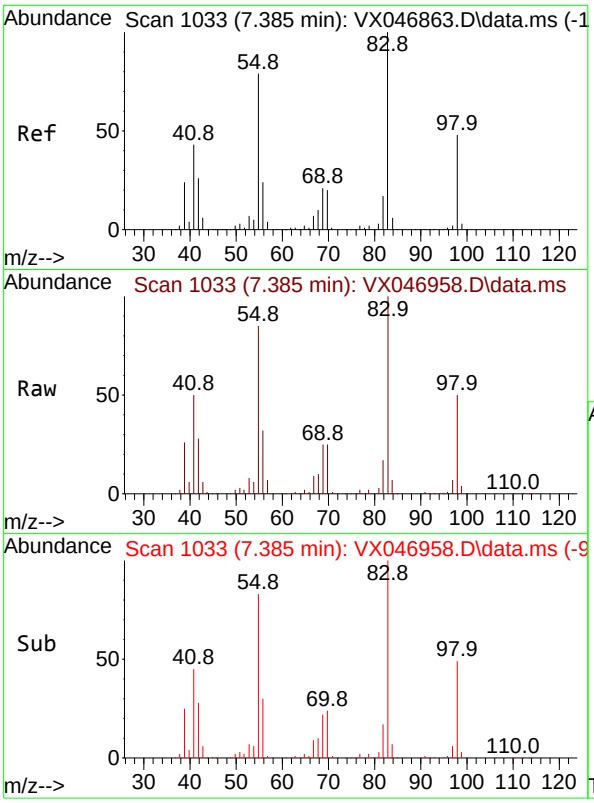


#35
Dibromofluoromethane
Concen: 47.925 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:113 Resp: 214083

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	19.2	15.3	22.9





#39
Methylcyclohexane
Concen: 36.344 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

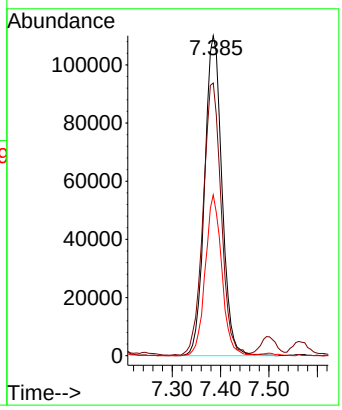
Tgt Ion: 83 Resp: 27400

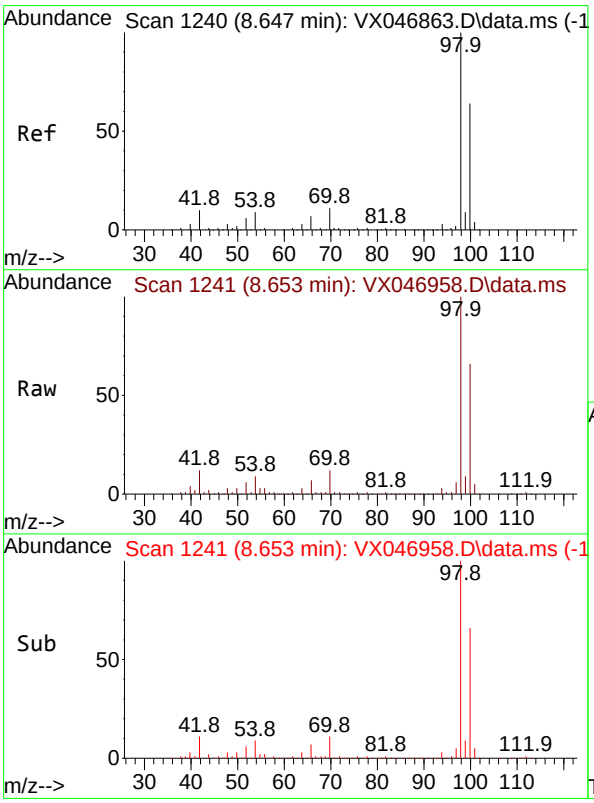
Ion	Ratio	Lower	Upper
83	100		
55	84.9	63.0	94.4
98	50.3	38.5	57.7

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

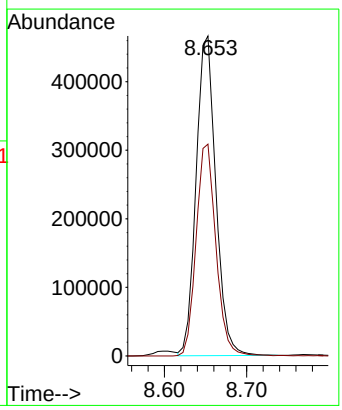


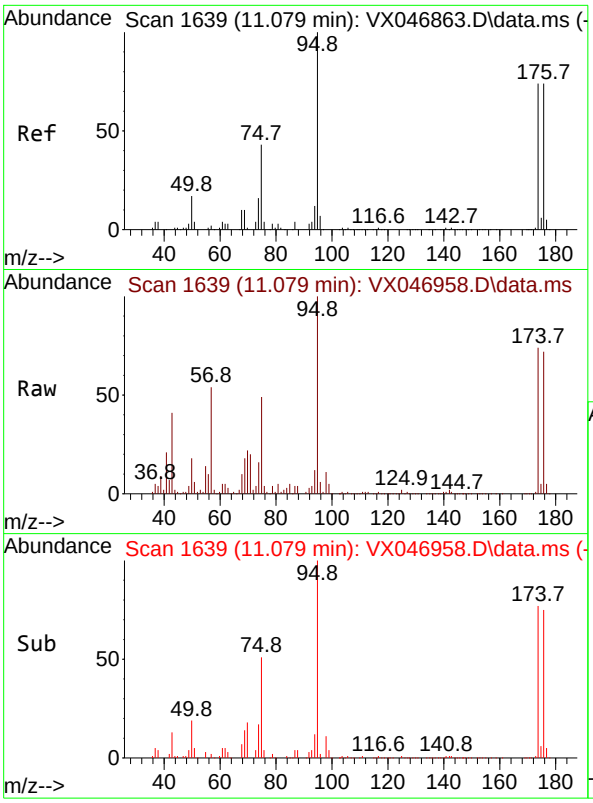


#50
Toluene-d8
Concen: 49.323 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 98 Resp: 777364

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

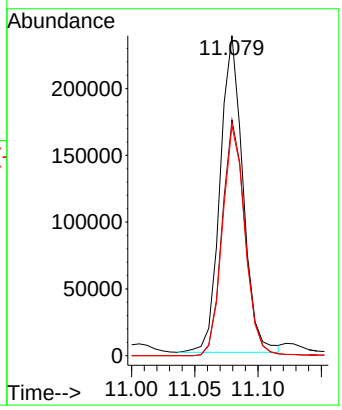




#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 95 Resp: 29709

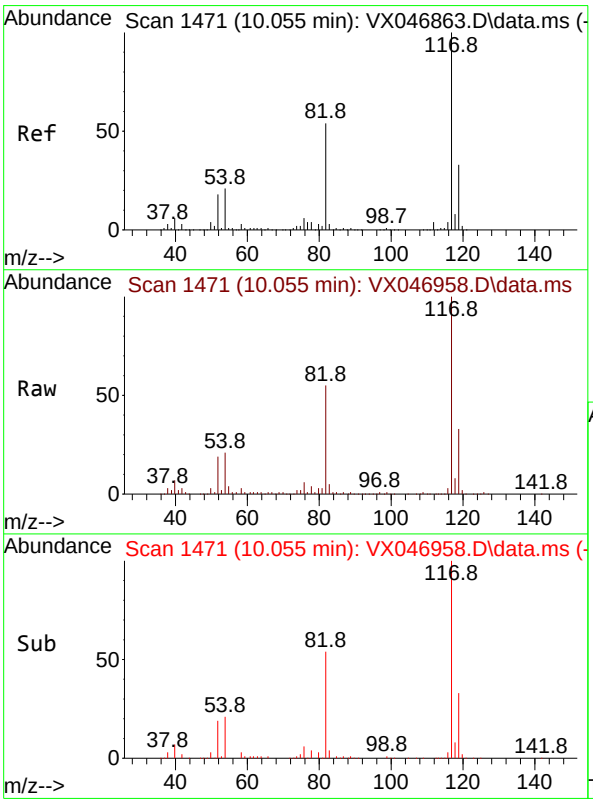
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	152.0
176	72.3	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

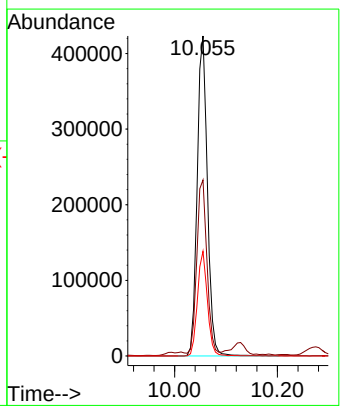
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

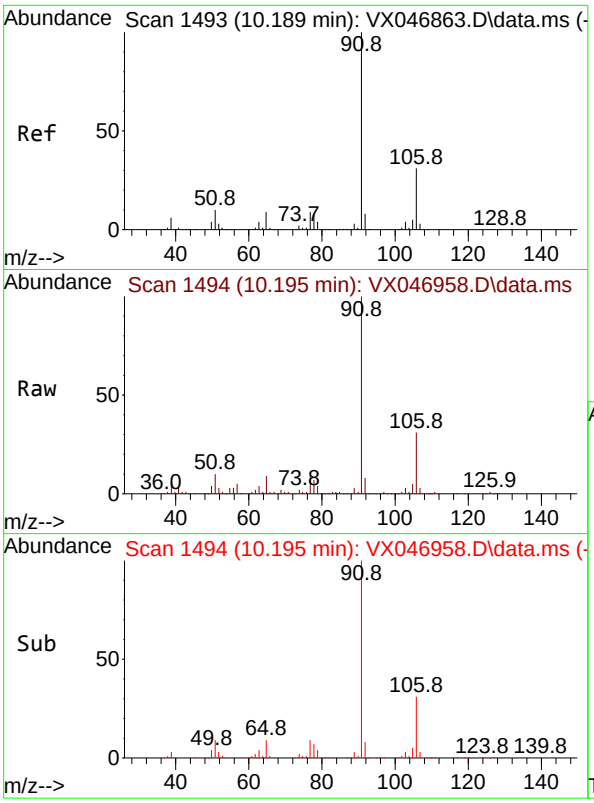


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:117 Resp: 584775

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.3	64.9
119	32.7	26.4	39.6

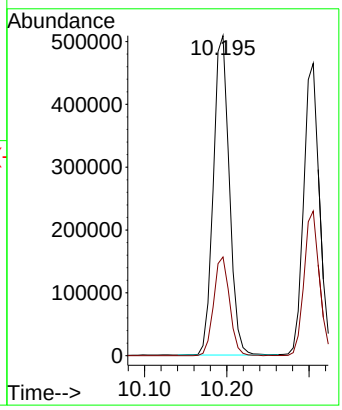




#67
Ethyl Benzene
Concen: 31.734 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 91 Resp: 68709

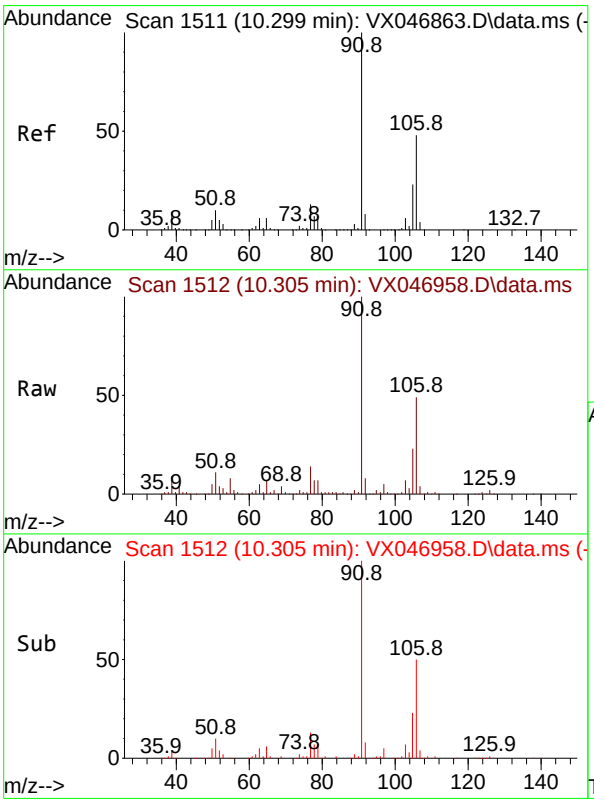
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

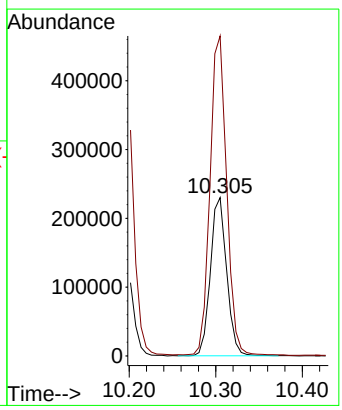
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

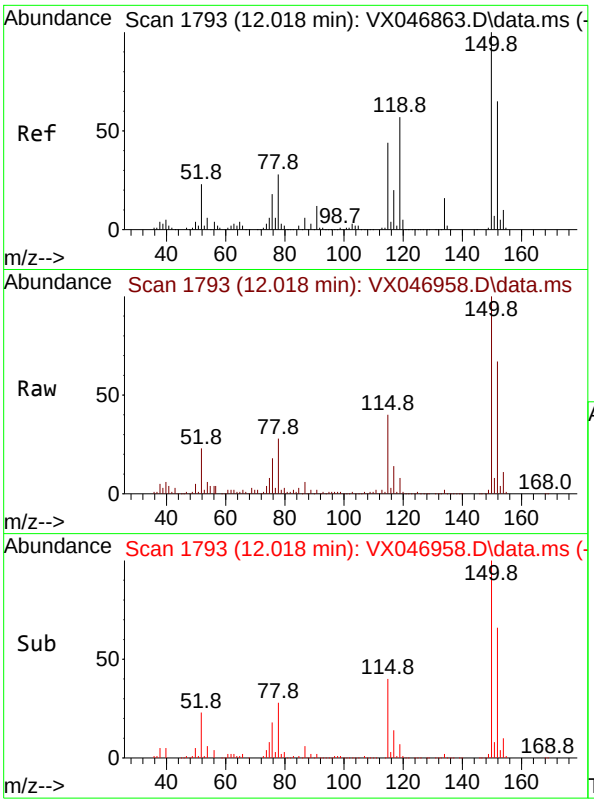


#68
m/p-Xylenes
Concen: 36.698 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:106 Resp: 299409

Ion	Ratio	Lower	Upper
106	100		
91	206.7	164.6	246.8

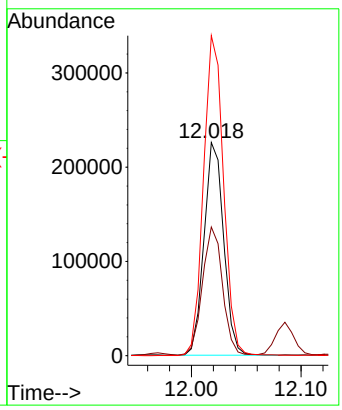




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:152 Resp: 28151

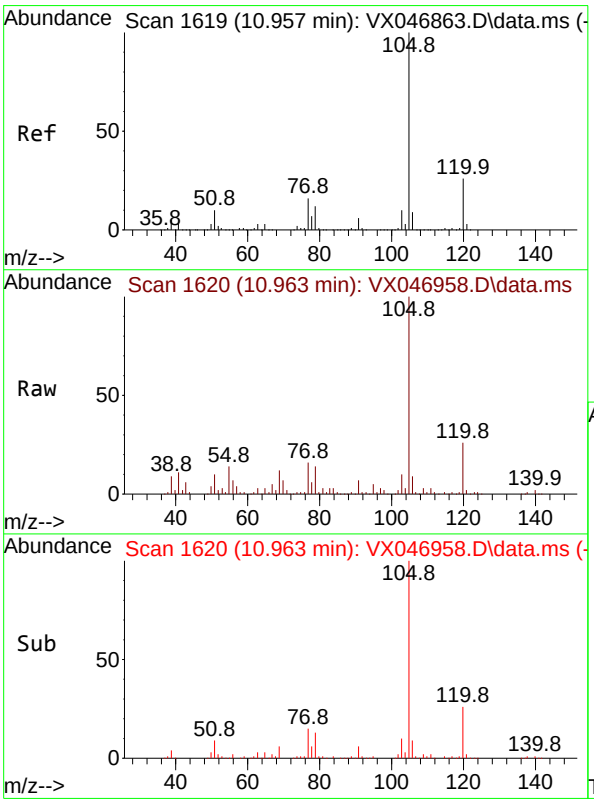
Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.4	127.1
150	152.8	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

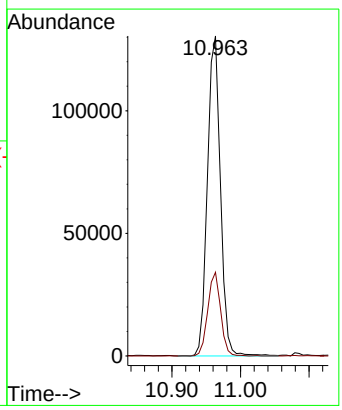
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

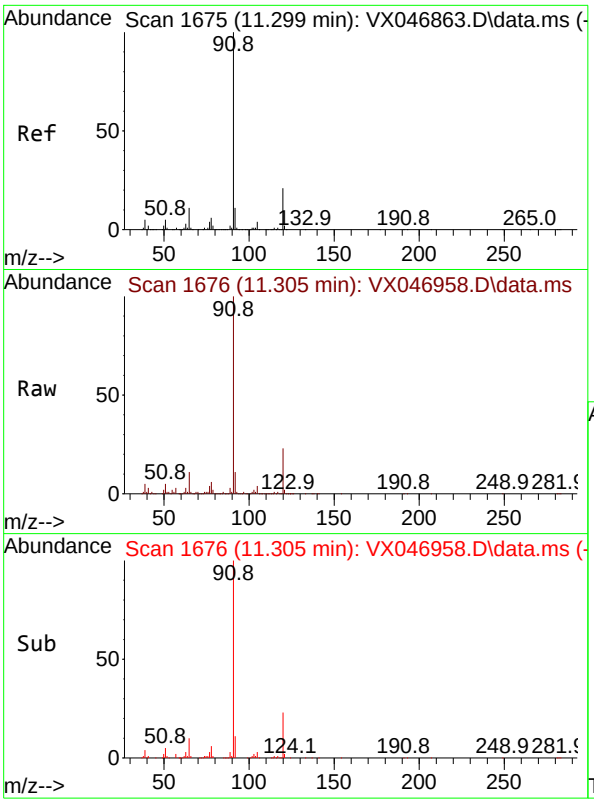


#73
Isopropylbenzene
Concen: 8.726 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 172680

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5

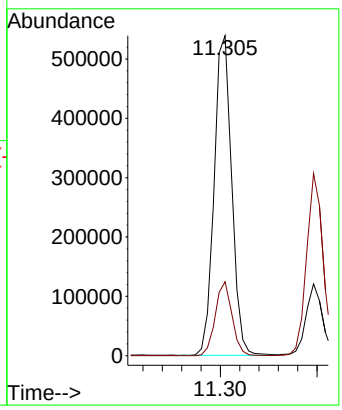




#78
n-propylbenzene
Concen: 28.469 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 91 Resp: 67932

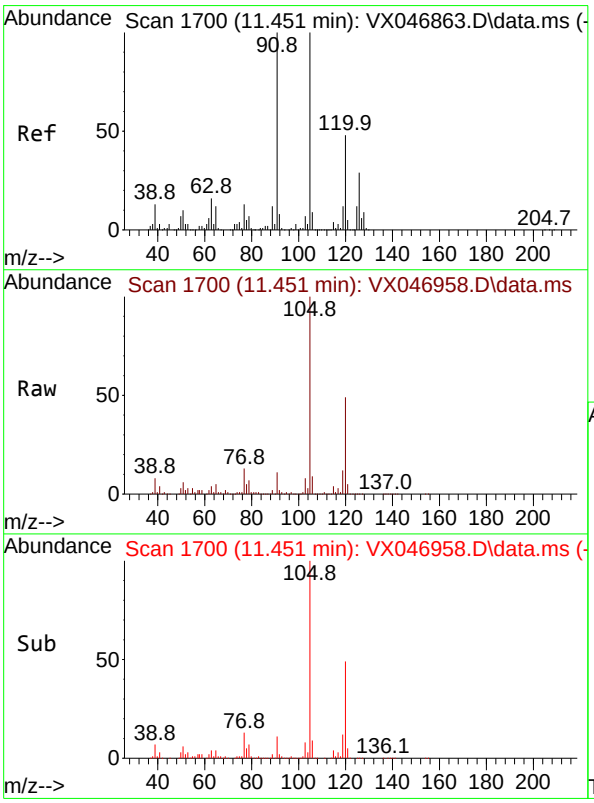
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

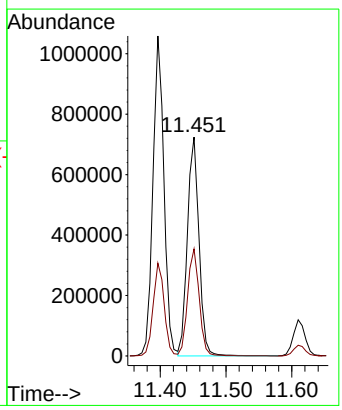
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

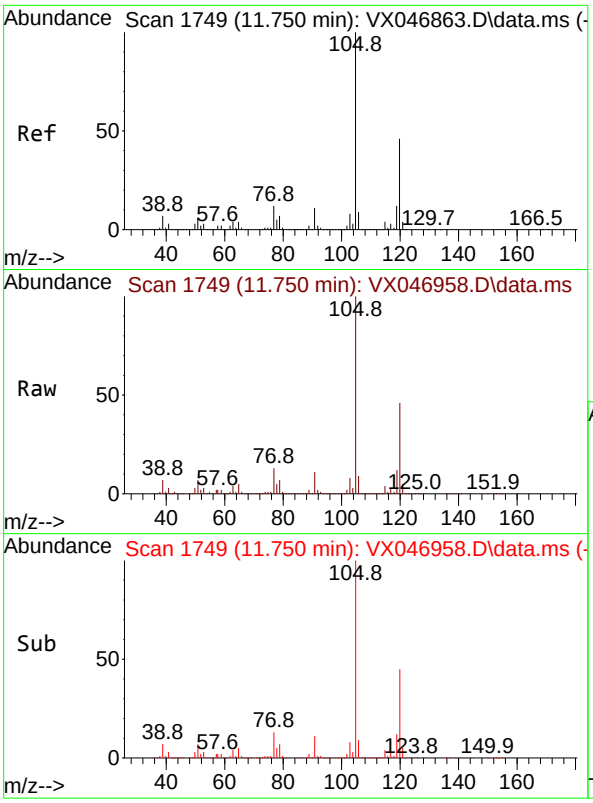


#80
1,3,5-Trimethylbenzene
Concen: 54.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 880135

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4

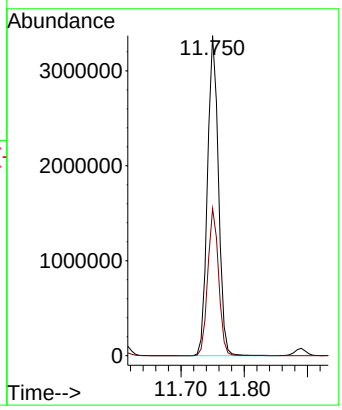




#84
1,2,4-Trimethylbenzene
Concen: 250.053 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 406406

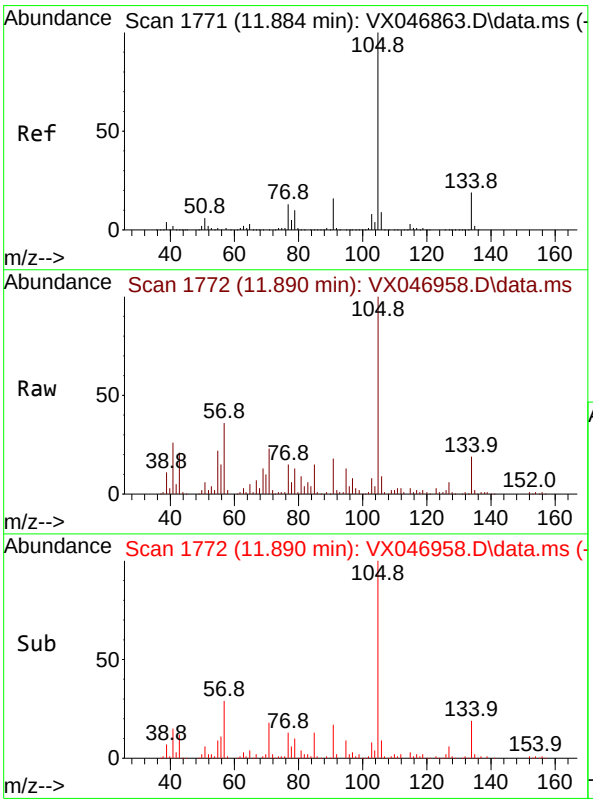
Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

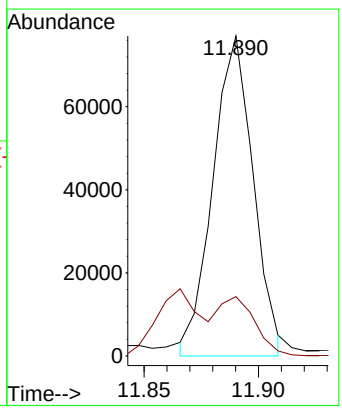
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

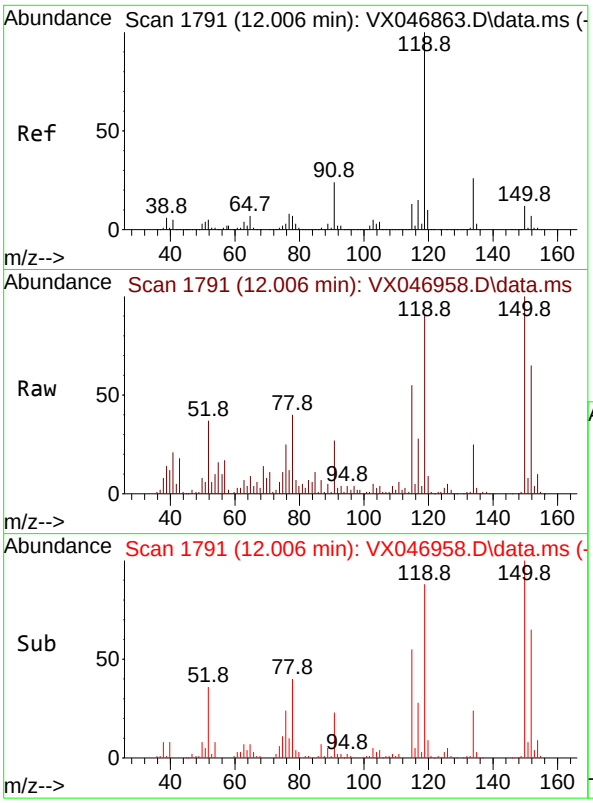


#85
sec-Butylbenzene
Concen: 4.506 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 94342

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

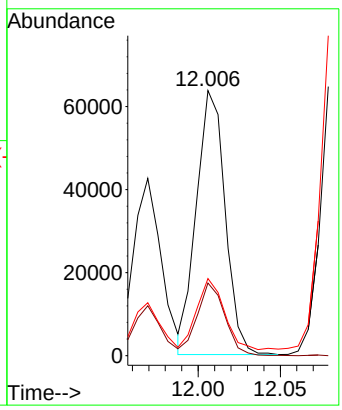




#86
p-Isopropyltoluene
Concen: 4.404 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:119 Resp: 7721

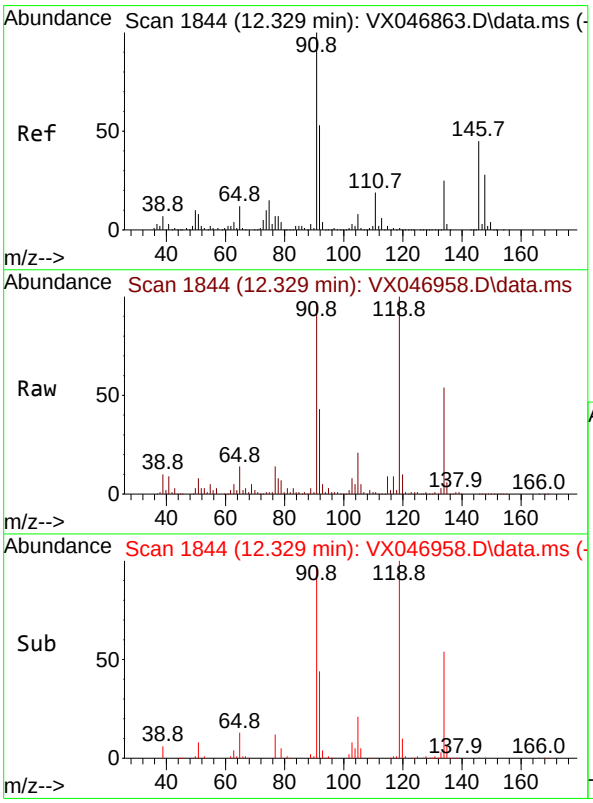
Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	39.0
91	26.8	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

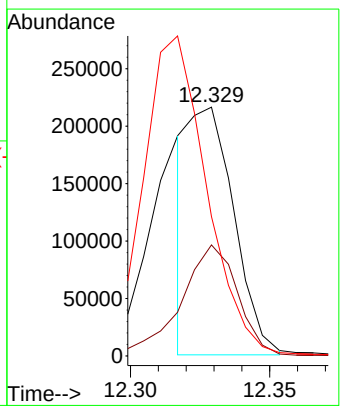
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

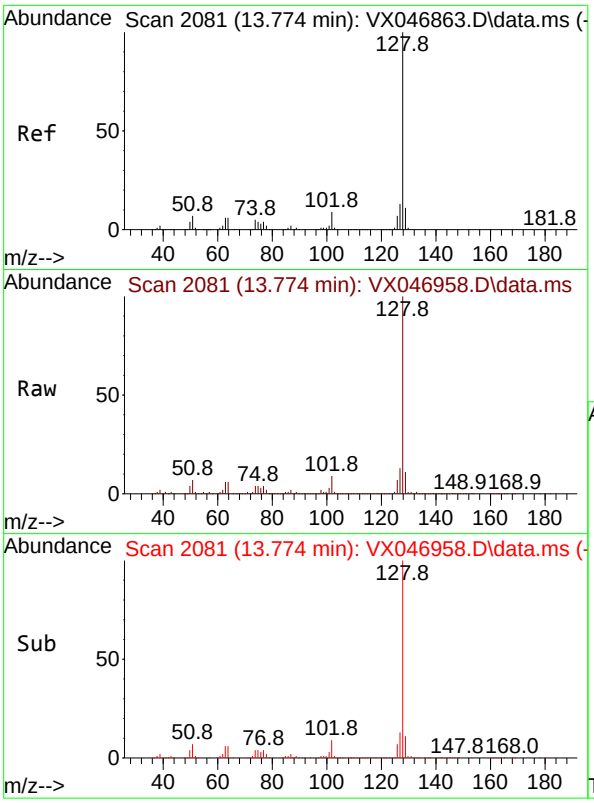


#89
n-Butylbenzene
Concen: 14.734 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 91 Resp: 242755

Ion	Ratio	Lower	Upper
91	100		
92	56.4	27.0	81.0
134	179.0	12.8	38.4#

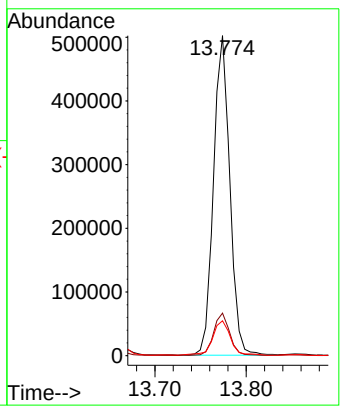




#95
Naphthalene
Concen: 38.875 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:128 Resp: 62171

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.7	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Sample Results: **VX046958.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.837	282	287	313	rVB	83606	238524	2.00%	0.217%
2	5.397	694	707	716	rBV3	224376	717341	6.03%	0.653%
3	5.556	716	733	742	rBV3	355425	1530151	12.86%	1.392%
4	5.836	767	779	791	rBV	257478	820219	6.89%	0.746%
5	5.964	791	800	819	rVV2	239149	711643	5.98%	0.648%
6	6.166	822	833	840	rVV4	83662	298763	2.51%	0.272%
7	6.257	841	848	858	rVV3	192471	632035	5.31%	0.575%
8	6.367	858	866	878	rVB2	97832	304344	2.56%	0.277%
9	6.617	896	907	923	rBV	280640	760858	6.39%	0.692%
10	6.769	923	932	941	rBV	582911	1579772	13.27%	1.438%
11	7.385	1021	1033	1045	rBV2	586465	1555752	13.07%	1.416%
12	7.501	1045	1052	1057	rBV2	126554	265654	2.23%	0.242%
13	7.562	1057	1062	1072	rVB	145592	319264	2.68%	0.291%
14	7.659	1072	1078	1090	rVB	119516	252064	2.12%	0.229%
15	7.775	1090	1097	1105	rVB2	131792	278736	2.34%	0.254%
16	7.988	1122	1132	1144	rVB4	171848	585585	4.92%	0.533%
17	8.104	1144	1151	1155	rBV2	184278	397228	3.34%	0.361%
18	8.190	1161	1165	1174	rVB4	182009	358656	3.01%	0.326%
19	8.275	1174	1179	1183	rVV	566308	1012266	8.50%	0.921%
20	8.318	1183	1186	1193	rVB2	310467	500123	4.20%	0.455%
21	8.440	1201	1206	1214	rBV	580306	1112122	9.34%	1.012%
22	8.507	1214	1217	1227	rVB3	167447	328064	2.76%	0.299%
23	8.604	1227	1233	1236	rBV3	468227	938759	7.89%	0.854%
24	8.647	1236	1240	1251	rVB	1327202	2389187	20.07%	2.174%
25	8.775	1251	1261	1265	rBV2	215317	467814	3.93%	0.426%
26	8.848	1270	1273	1278	rVB	155219	234020	1.97%	0.213%
27	8.915	1278	1284	1290	rBV2	764289	1285175	10.80%	1.170%
28	8.976	1290	1294	1306	rVB4	296724	678166	5.70%	0.617%
29	9.104	1306	1315	1320	rBV2	244430	520789	4.38%	0.474%
30	9.159	1320	1324	1328	rBV2	189070	274174	2.30%	0.250%
31	9.384	1355	1361	1365	rBV	335705	518428	4.36%	0.472%
32	9.500	1375	1380	1386	rBV3	449367	871330	7.32%	0.793%
33	9.561	1386	1390	1394	rVB	413958	565861	4.75%	0.515%
34	9.616	1394	1399	1403	rBV2	313332	546331	4.59%	0.497%
35	9.653	1403	1405	1416	rVB5	144175	366507	3.08%	0.334%
36	9.762	1416	1423	1428	rBV3	219918	424822	3.57%	0.387%

Sample Results: **VX046958.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

37	9.823	1428	1433	1437	rBV3	274168	577074	4.85%	0.525%
38	9.903	1442	1446	1451	rVB	1114419	1524619	12.81%	1.387%
39	10.006	1458	1463	1467	rBV	968002	1255257	10.55%	1.142%
40	10.055	1467	1471	1475	rVB	1266335	1631544	13.71%	1.485%
41	10.195	1489	1494	1499	rVB	1214114	1709469	14.36%	1.556%
42	10.275	1499	1507	1508	rVV3	248266	504732	4.24%	0.459%
43	10.305	1508	1512	1517	rVV	1453839	2174178	18.27%	1.979%
44	10.360	1517	1521	1532	rVB3	733049	1280236	10.76%	1.165%
45	10.586	1552	1558	1562	rBV2	434459	641920	5.39%	0.584%
46	10.671	1566	1572	1577	rBV	292936	512864	4.31%	0.467%
47	10.781	1582	1590	1594	rBV	639273	1068406	8.98%	0.972%
48	10.854	1594	1602	1606	rBV3	472353	792920	6.66%	0.722%
49	10.890	1606	1608	1614	rVB	186140	255869	2.15%	0.233%
50	10.963	1614	1620	1623	rBV	372912	592192	4.98%	0.539%
51	11.031	1627	1631	1634	rBV2	236094	294863	2.48%	0.268%
52	11.079	1634	1639	1642	rBV2	1514561	2119073	17.80%	1.928%
53	11.110	1642	1644	1650	rVB2	709518	943746	7.93%	0.859%
54	11.189	1650	1657	1660	rBV	668097	921387	7.74%	0.838%
55	11.305	1671	1676	1680	rBV	1002996	1221644	10.26%	1.112%
56	11.396	1686	1691	1695	rBV	2559287	3024869	25.41%	2.753%
57	11.451	1695	1700	1703	rBV	1922275	2391164	20.09%	2.176%
58	11.610	1722	1726	1734	rBV3	347332	699399	5.88%	0.636%
59	11.713	1740	1743	1745	rVV	311100	329406	2.77%	0.300%
60	11.750	1745	1749	1759	rVB	9755181	11902367	100.00%	10.832%
61	11.890	1769	1772	1776	rVB	280435	333315	2.80%	0.303%
62	11.939	1776	1780	1783	rBV3	216250	359701	3.02%	0.327%
63	12.018	1788	1793	1799	rBV3	1416628	2189345	18.39%	1.992%
64	12.085	1799	1804	1809	rBV	2481700	3333643	28.01%	3.034%
65	12.171	1816	1818	1825	rVB2	346036	406763	3.42%	0.370%
66	12.244	1825	1830	1837	rBV2	2124044	3294364	27.68%	2.998%
67	12.317	1837	1842	1848	rVB3	2579041	4259239	35.78%	3.876%
68	12.421	1849	1859	1862	rVV3	313397	673001	5.65%	0.612%
69	12.463	1862	1866	1872	rVB	819598	1114567	9.36%	1.014%
70	12.530	1872	1877	1879	rBV	1516135	2047415	17.20%	1.863%
71	12.555	1879	1881	1886	rVV	1469592	1654819	13.90%	1.506%
72	12.610	1886	1890	1894	rVV	2567501	3219351	27.05%	2.930%
73	12.640	1894	1895	1899	rVV	366078	335167	2.82%	0.305%
74	12.695	1899	1904	1913	rVB2	989841	1832803	15.40%	1.668%
75	12.792	1916	1920	1925	rBV6	107357	238471	2.00%	0.217%
76	12.847	1925	1929	1933	rVB	485409	576455	4.84%	0.525%

Sample Results: **VX046958.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

77	12.920	1933	1941	1944	rBV	1300156	1850501	15.55%	1.684%
78	12.963	1944	1948	1954	rVB	1783241	2411888	20.26%	2.195%
79	13.024	1954	1958	1959	rBV	396120	505001	4.24%	0.460%
80	13.042	1959	1961	1963	rVV2	483124	535258	4.50%	0.487%
81	13.067	1963	1965	1969	rVB	321468	331656	2.79%	0.302%
82	13.164	1974	1981	1985	rVB2	1179958	1608342	13.51%	1.464%
83	13.213	1985	1989	1992	rVB2	342955	421065	3.54%	0.383%
84	13.256	1992	1996	1998	rBV3	457092	716201	6.02%	0.652%
85	13.292	1998	2002	2007	rVB2	1955751	2654299	22.30%	2.416%
86	13.365	2012	2014	2019	rVB2	371521	461544	3.88%	0.420%
87	13.420	2019	2023	2032	rVB2	350521	639934	5.38%	0.582%
88	13.500	2032	2036	2039	rBV2	301205	433158	3.64%	0.394%
89	13.542	2039	2043	2046	rBV	514777	652998	5.49%	0.594%
90	13.579	2046	2049	2055	rVB3	580620	947494	7.96%	0.862%
91	13.664	2060	2063	2068	rVB2	428416	699347	5.88%	0.636%
92	13.774	2077	2081	2087	rVB	984910	1255120	10.55%	1.142%
93	13.920	2099	2105	2110	rBV4	308237	599528	5.04%	0.546%
94	13.969	2110	2113	2116	rVV	208905	277390	2.33%	0.252%
95	14.073	2126	2130	2137	rBV	403992	491858	4.13%	0.448%
96	14.213	2148	2153	2163	rBV	377242	684313	5.75%	0.623%
97	14.317	2166	2170	2175	rVV	185101	259026	2.18%	0.236%
98	14.371	2175	2179	2183	rVB	243056	296007	2.49%	0.269%
99	14.634	2214	2222	2233	rVB	1184823	1614210	13.56%	1.469%
100	14.774	2239	2245	2254	rVB	449661	661546	5.56%	0.602%

Sum of corrected areas: 109885828

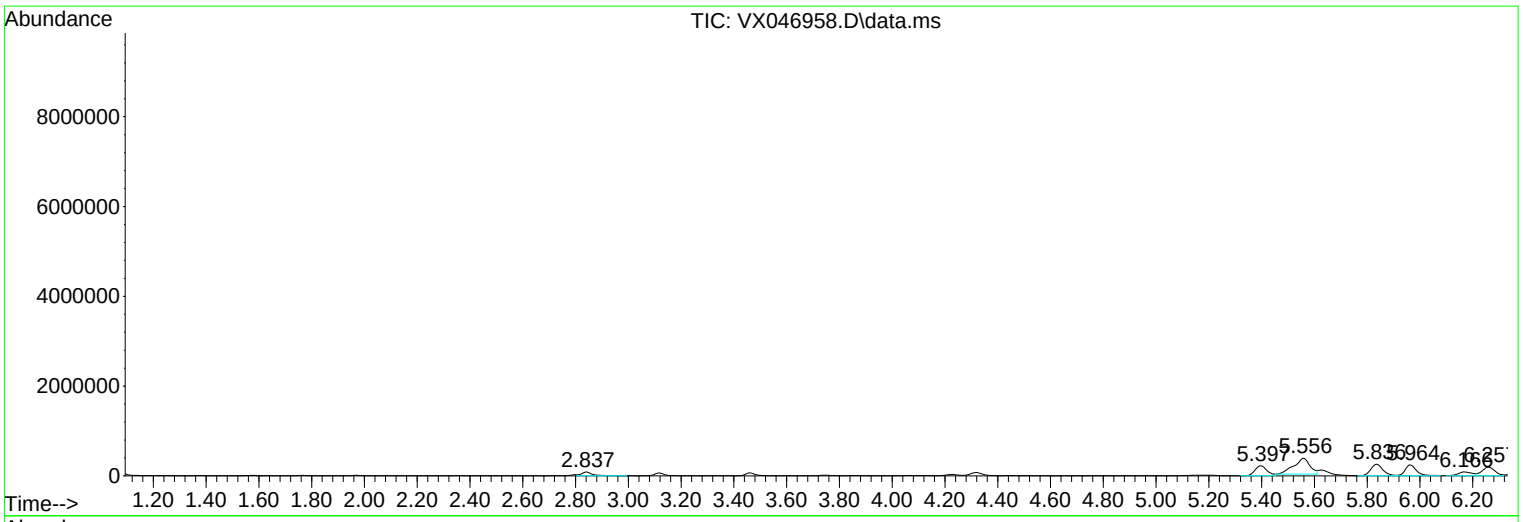
Sample Results: **VX046958.D**

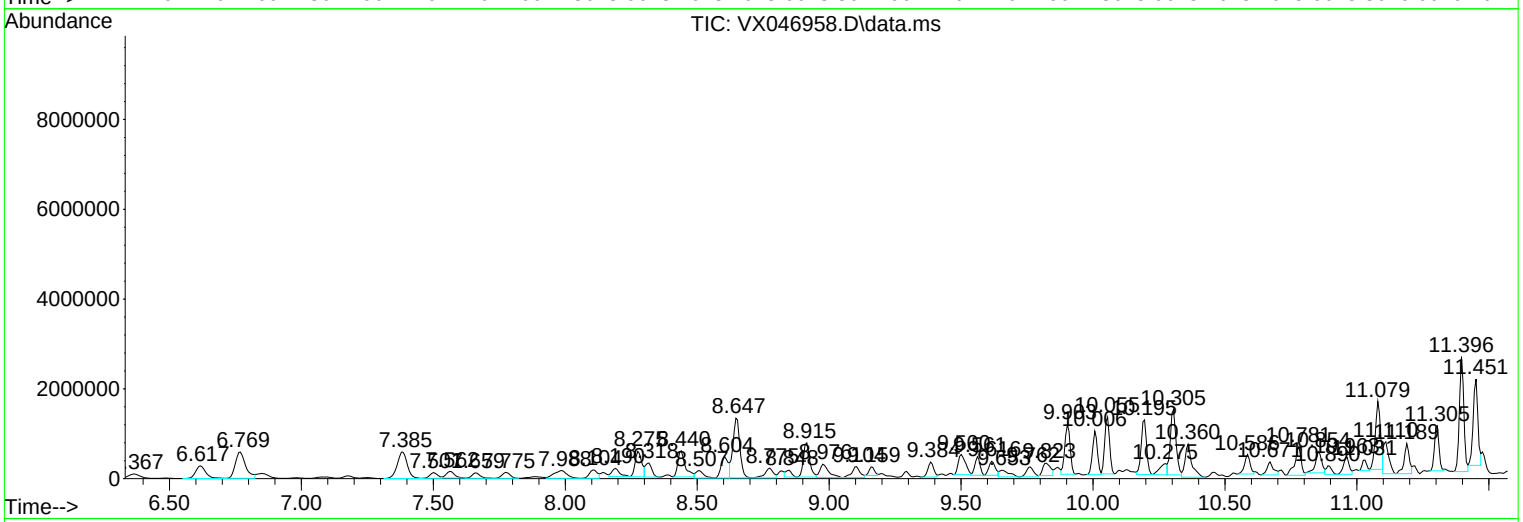
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

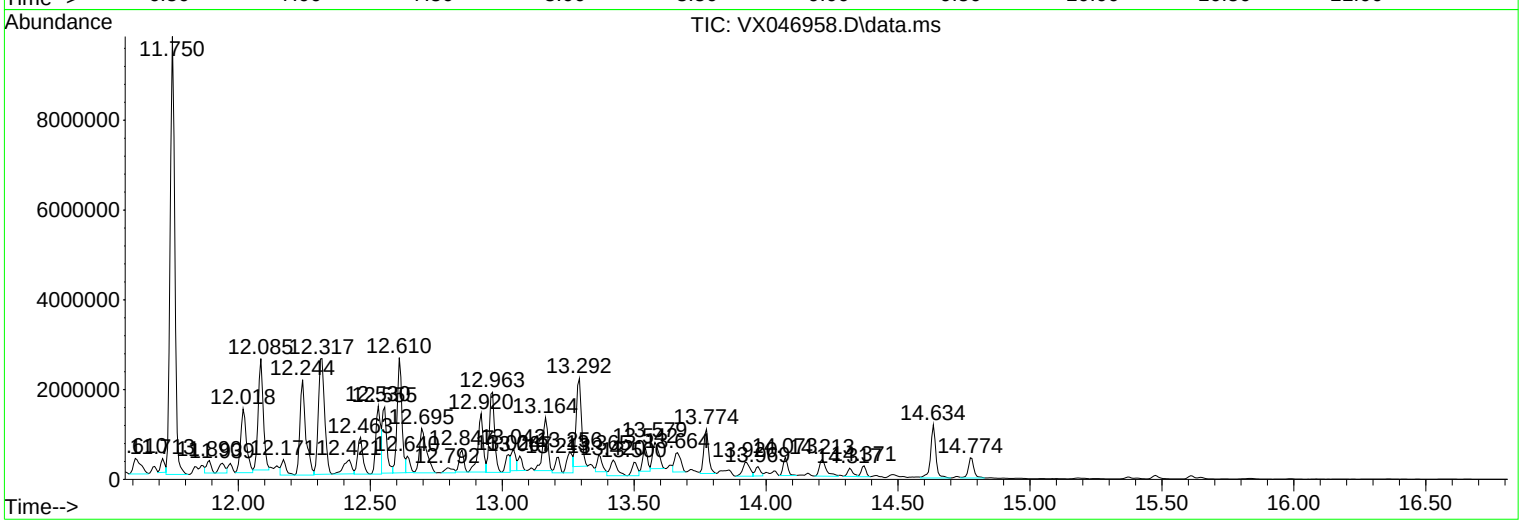
Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

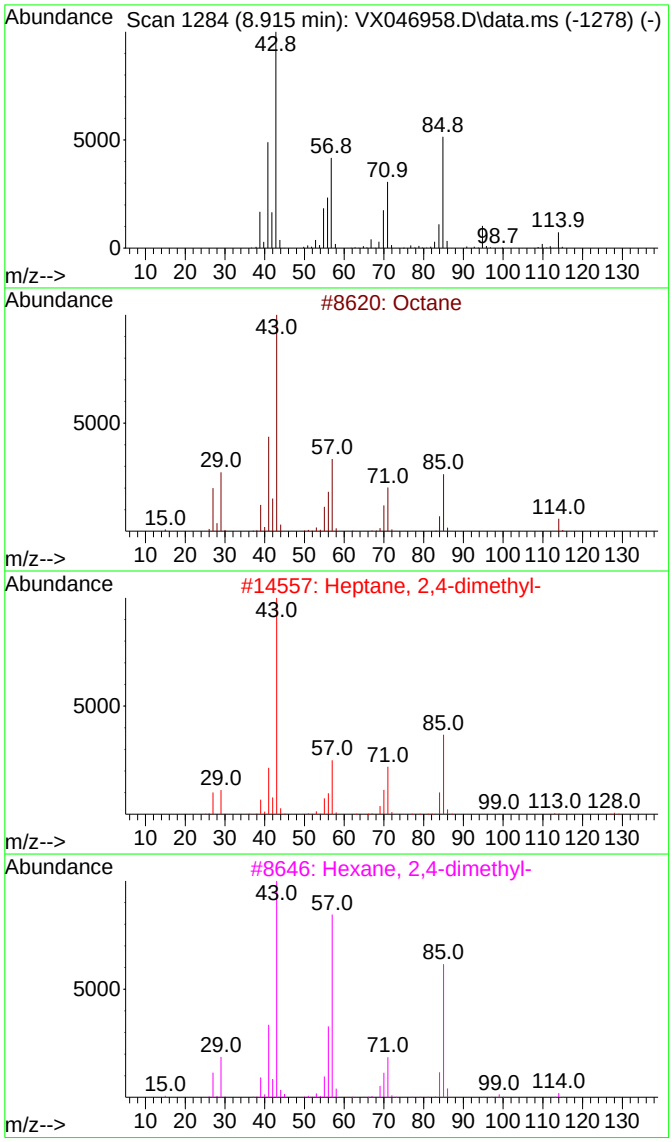
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

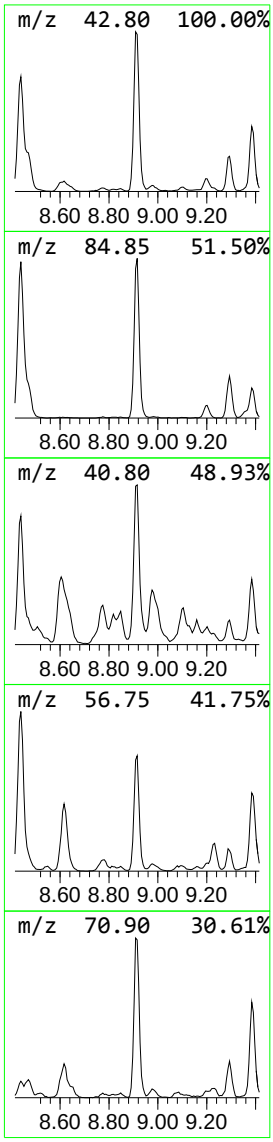
****

Peak Number 1 Octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.915	39.39 ug/l	1285180	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	93
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

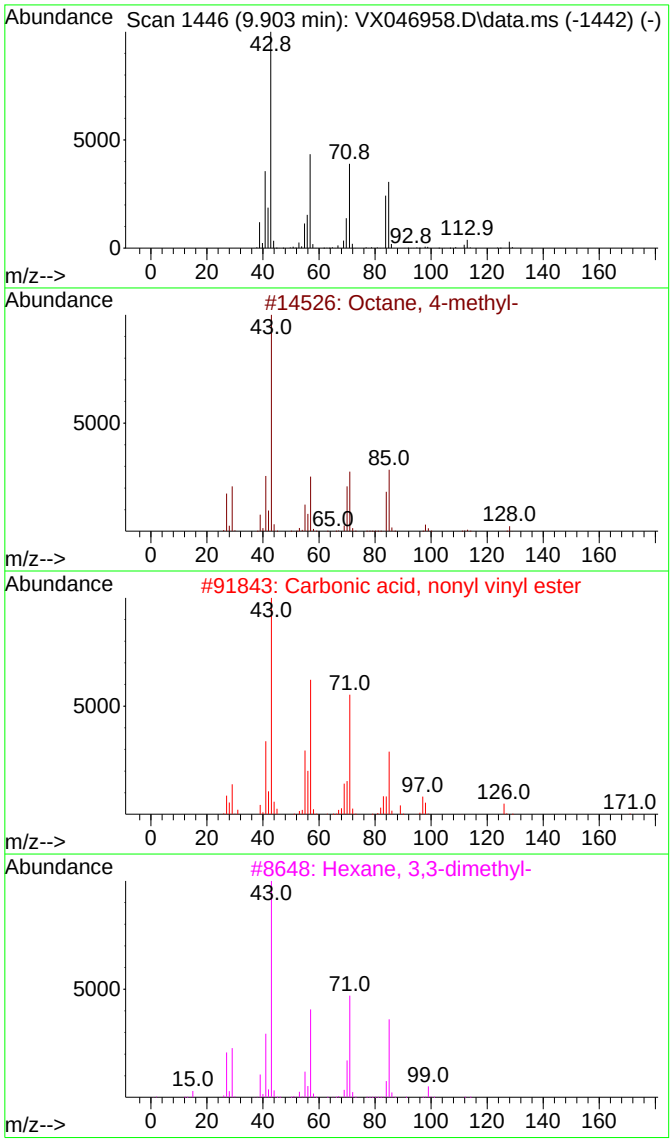
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

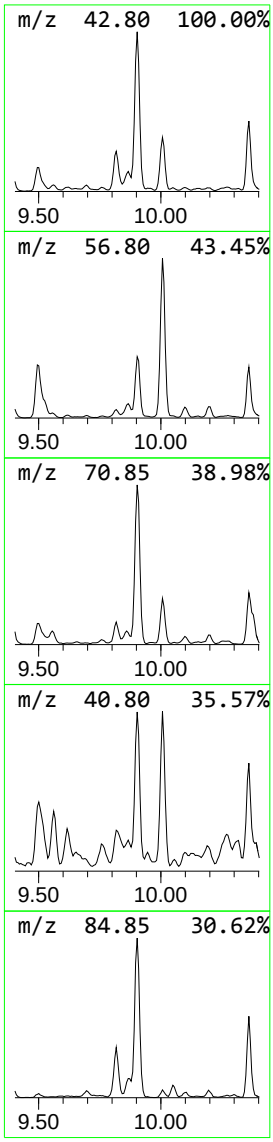
****

Peak Number 2 Octane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.903	46.72 ug/l	1524620	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	80
2	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50





Sample Results: **VX046958.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

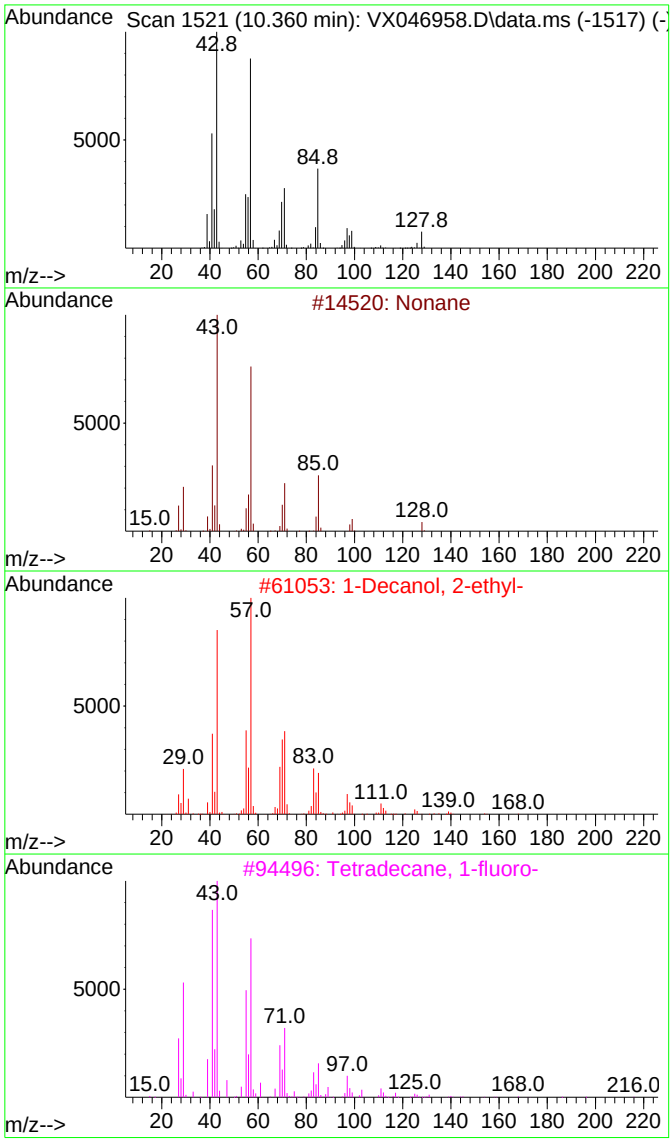
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

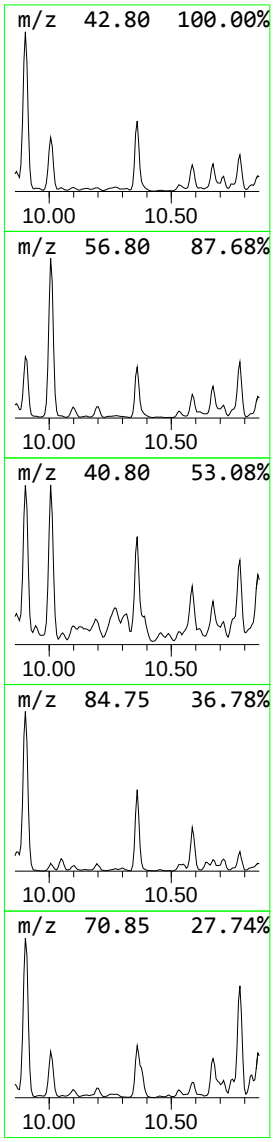
****

Peak Number 3 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	39.23 ug/l	1280240	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
3	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	59
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	59
5	Octane	114	C8H18	000111-65-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

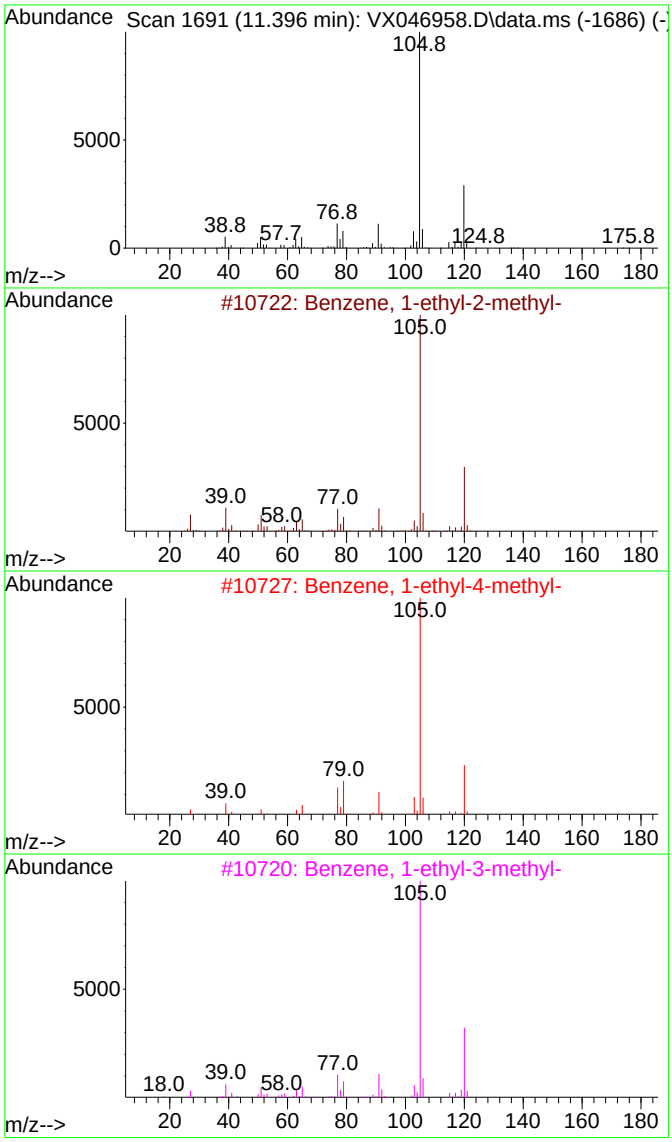
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

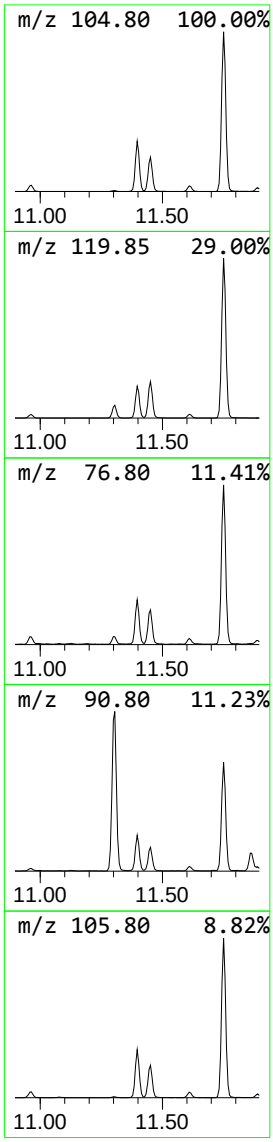
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	69.08 ug/l	3024870	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

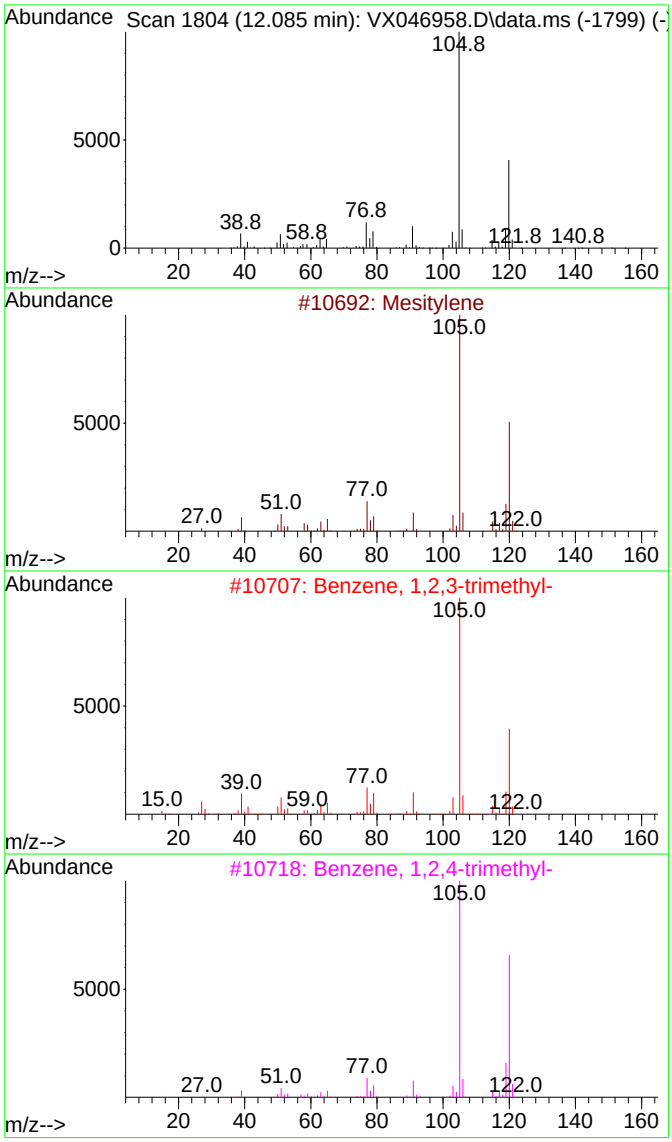
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

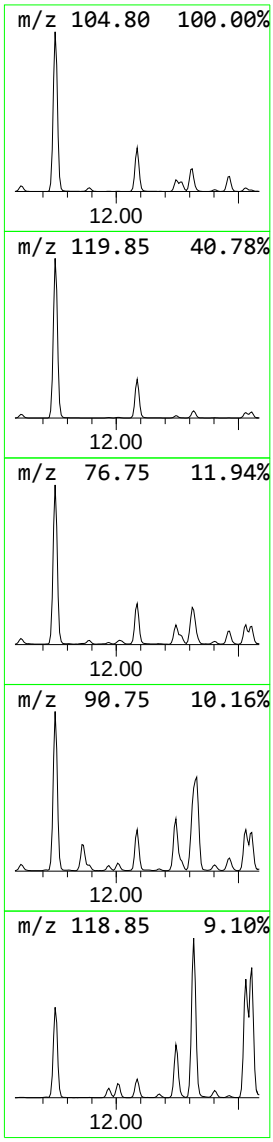
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	76.13 ug/l	3333640	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

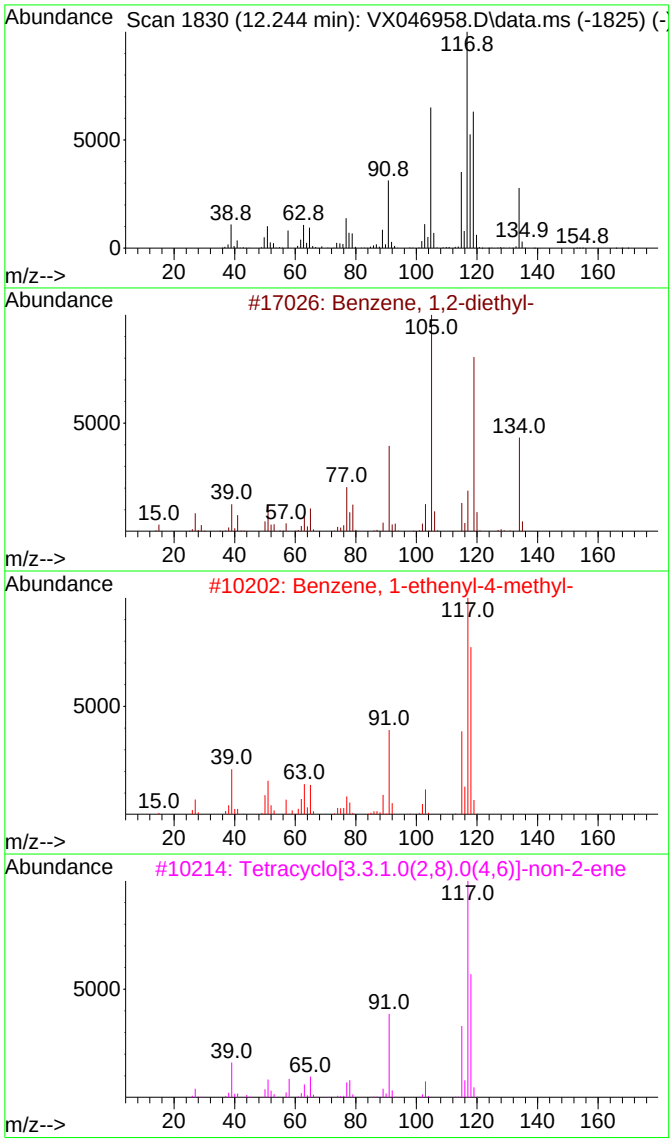
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

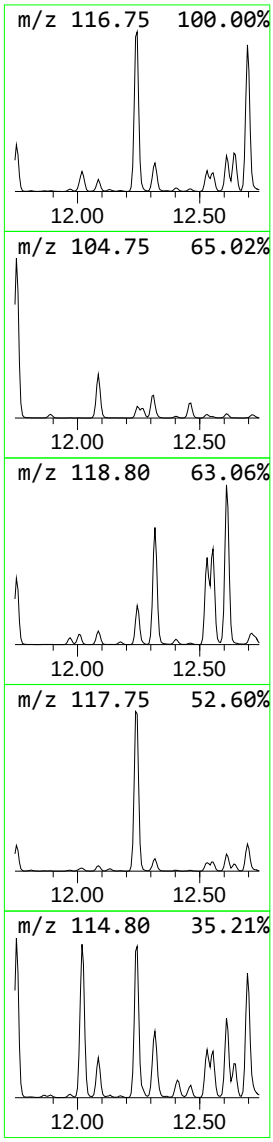
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	75.24 ug/l	3294360	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

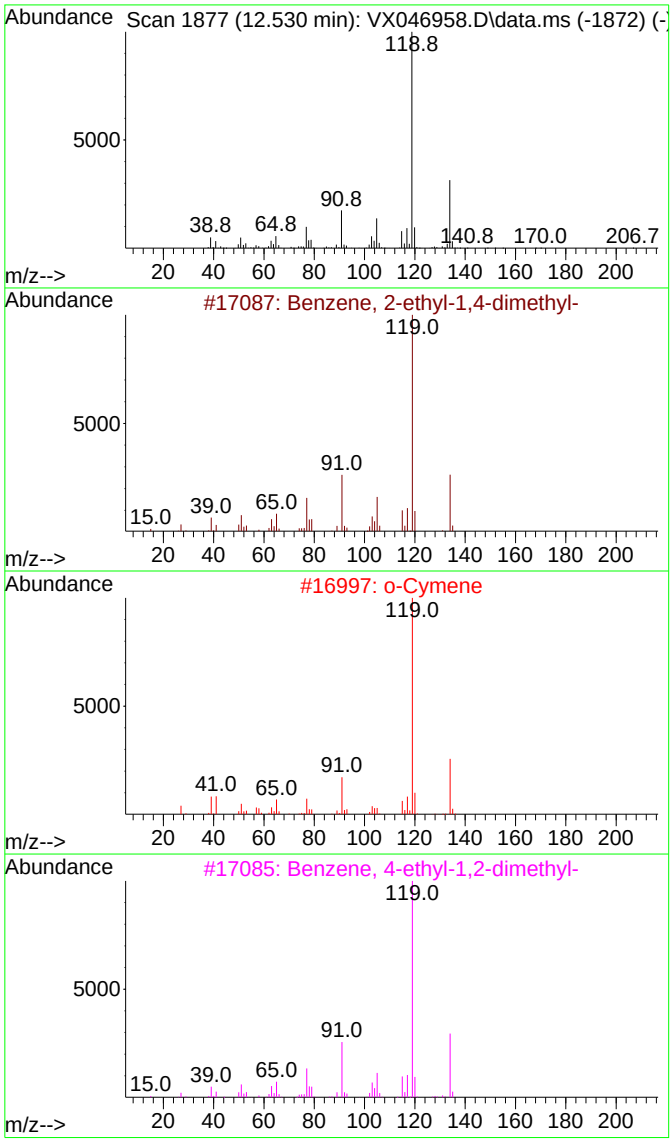
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

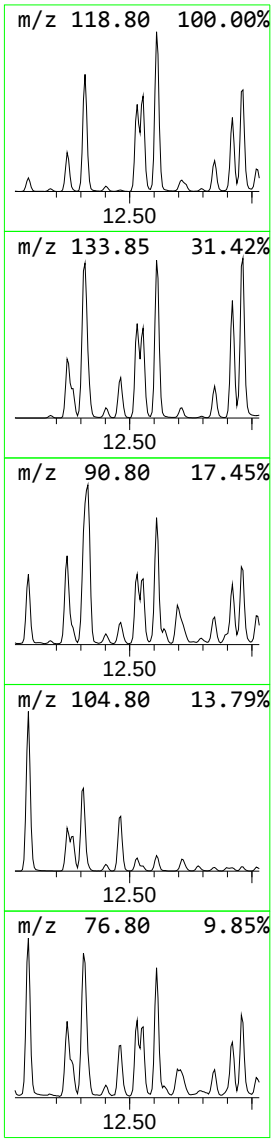
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	46.76 ug/l	2047420	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

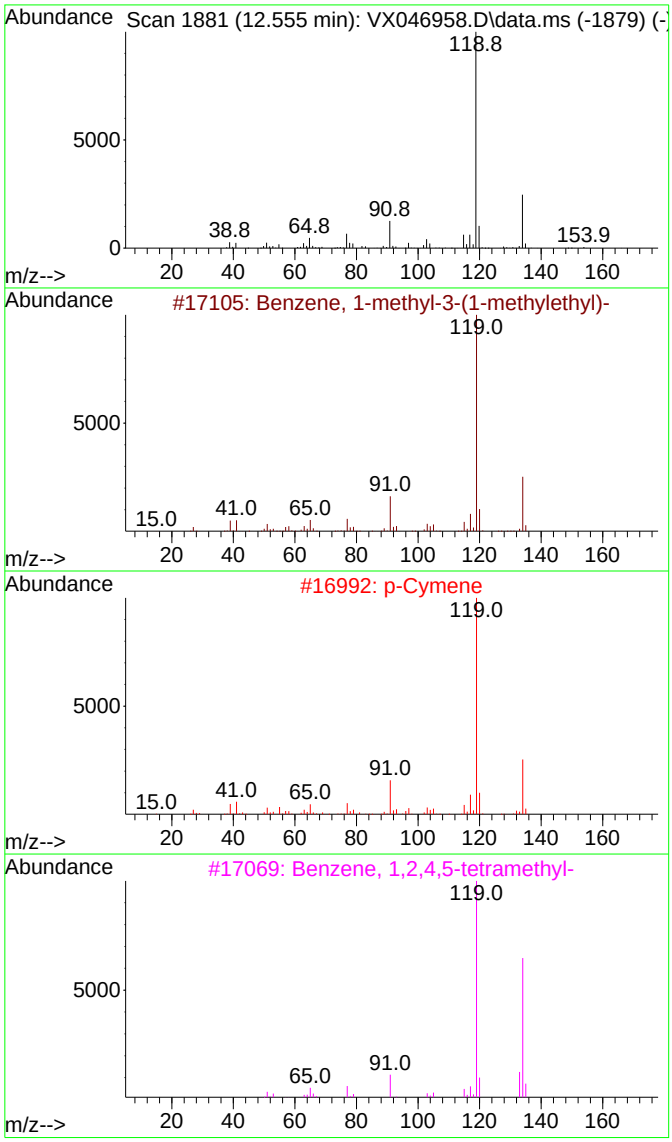
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

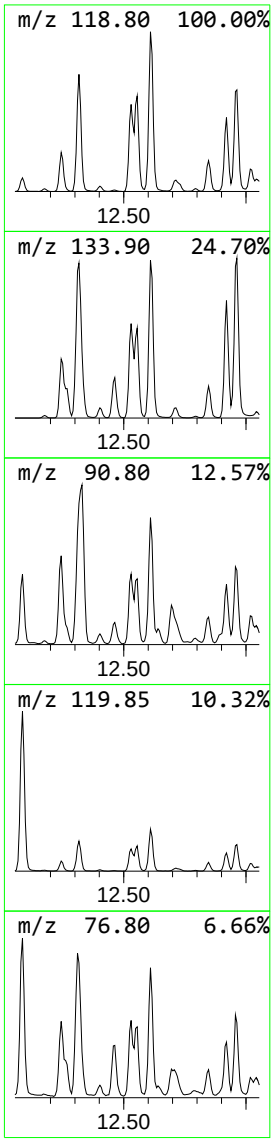
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	37.79 ug/l	1654820	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

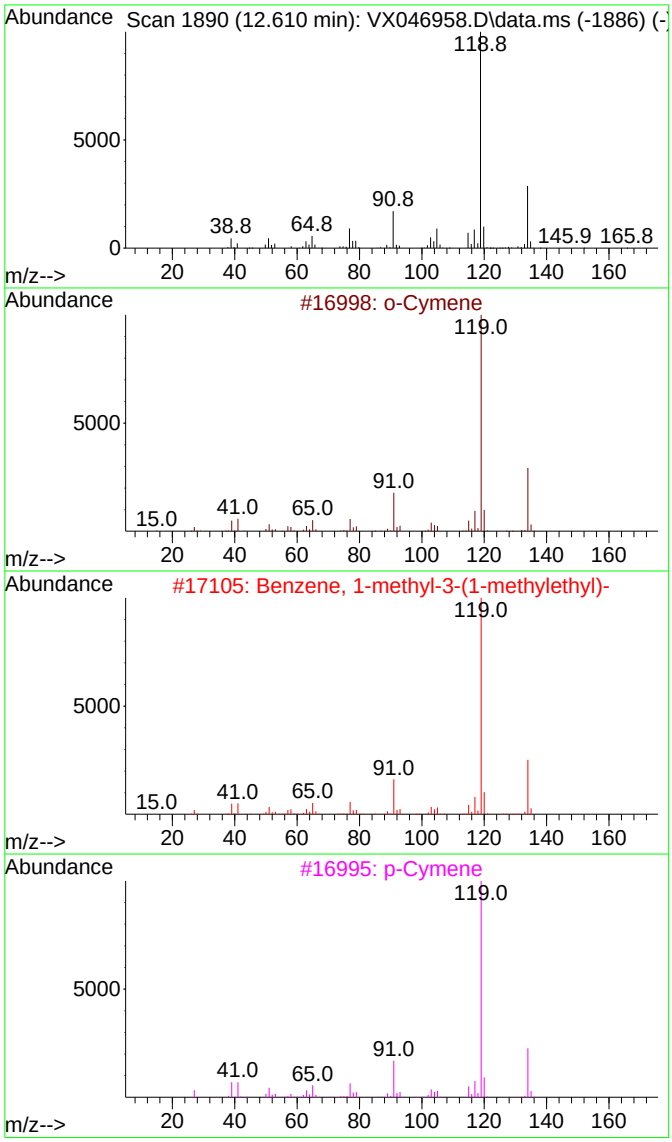
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

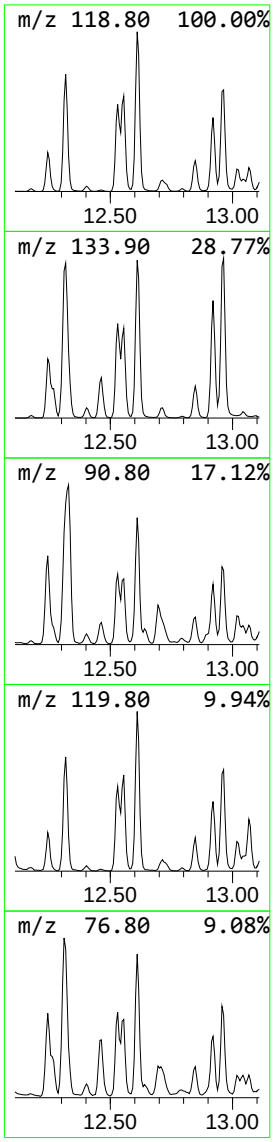
****

Peak Number 9 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	73.52 ug/l	3219350	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

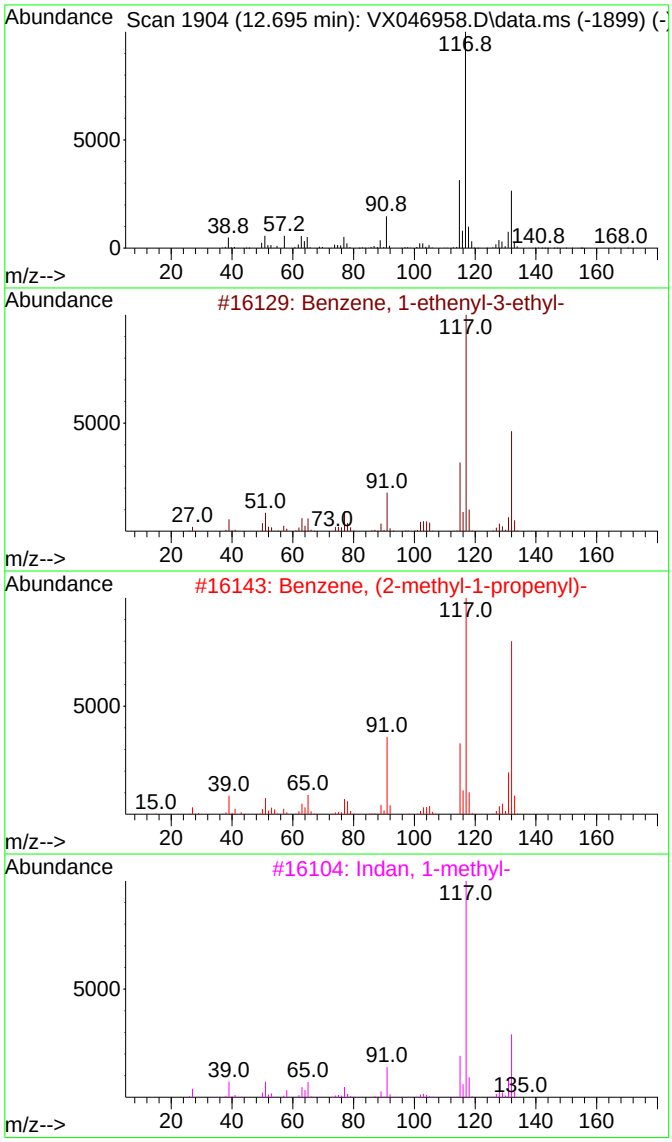
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

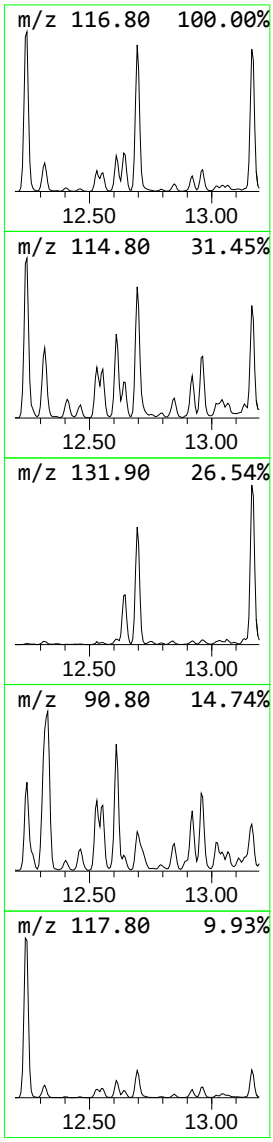
****

Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	41.86 ug/l	1832800	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

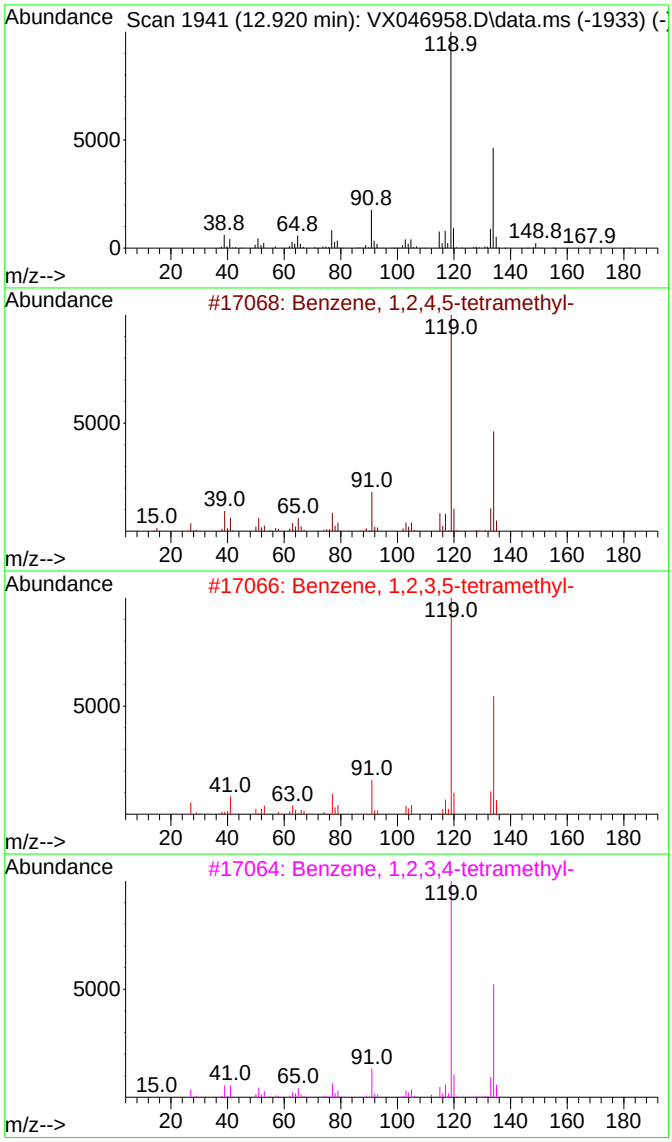
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

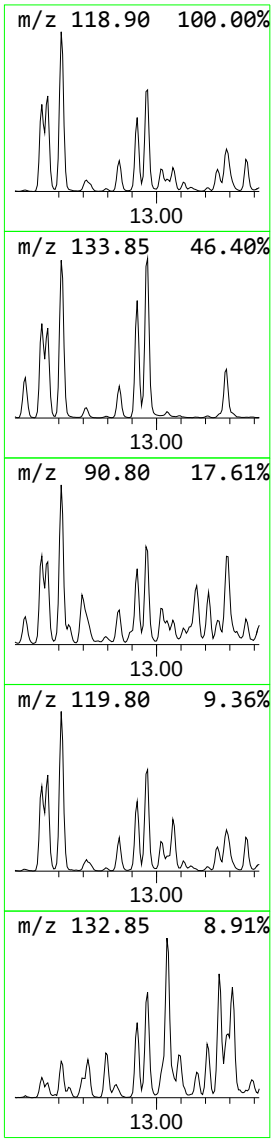
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	42.26 ug/l	1850500	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

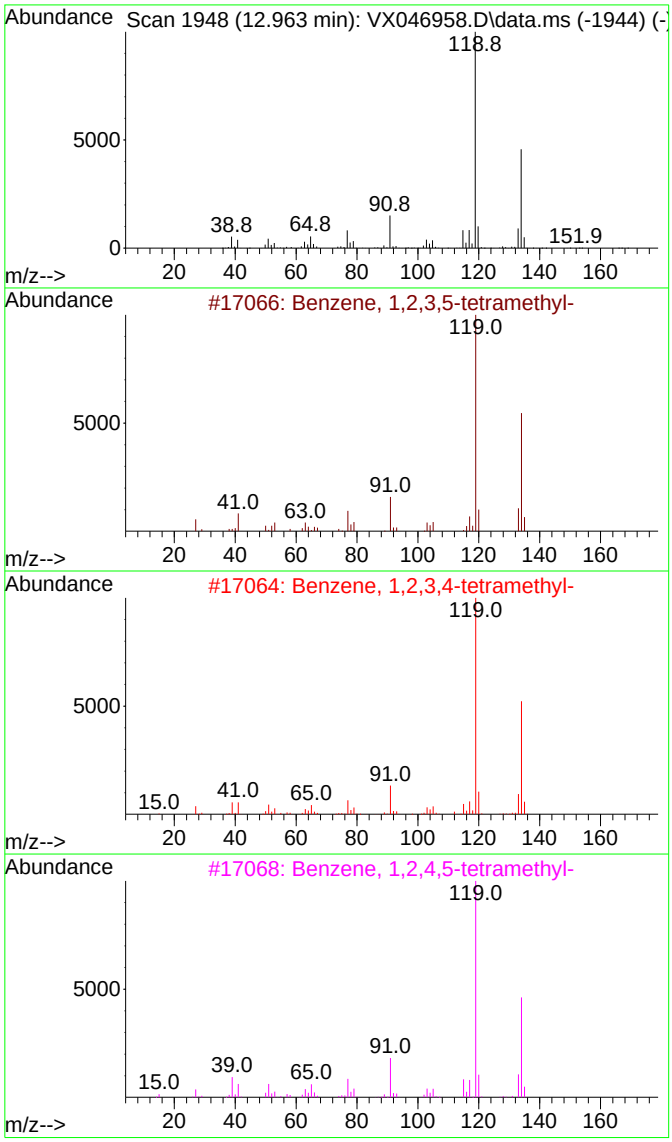
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

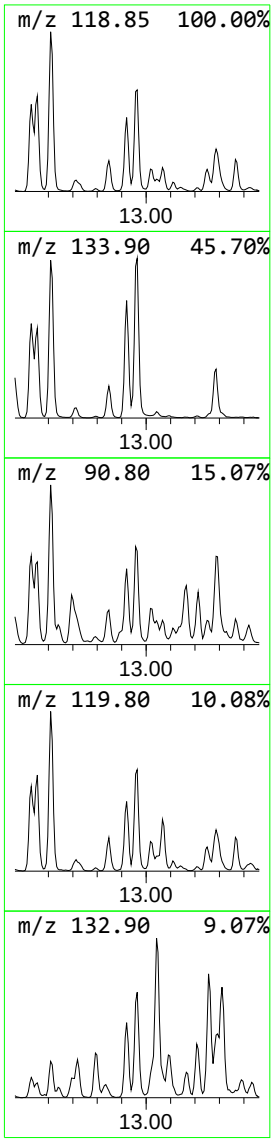
****

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	55.08 ug/l	2411890	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

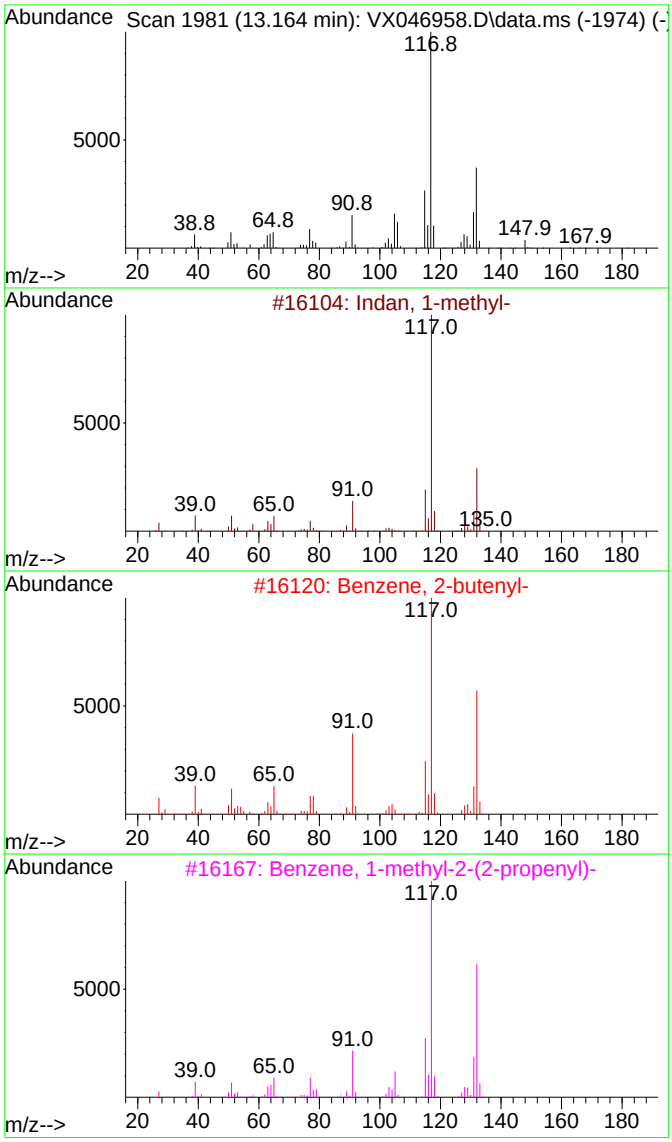
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

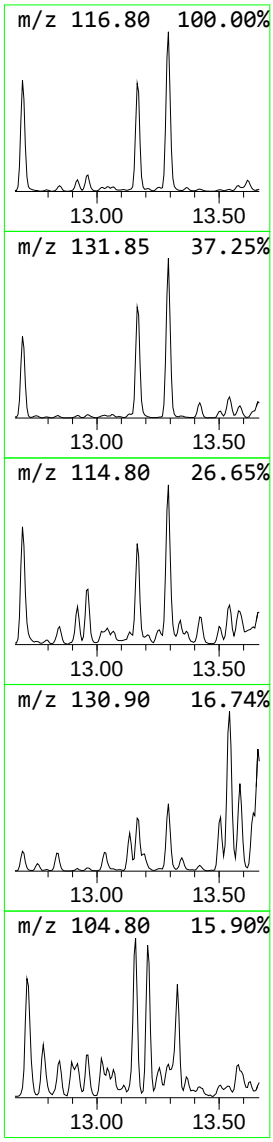
****

Peak Number 13 Indan, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	36.73 ug/l	1608340	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

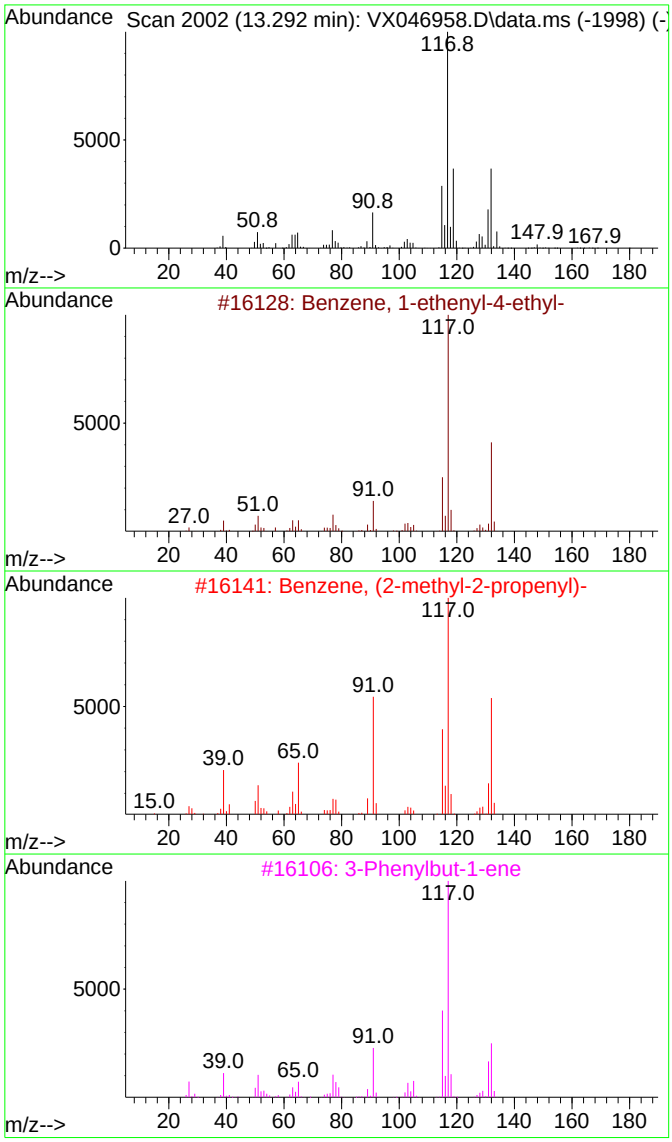
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

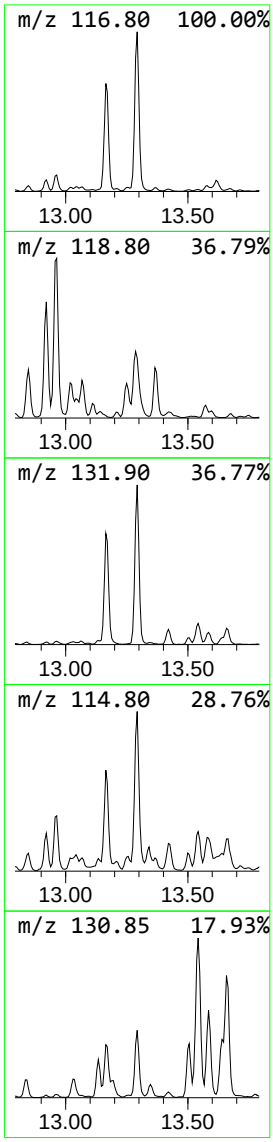
****

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	60.62 ug/l	2654300	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

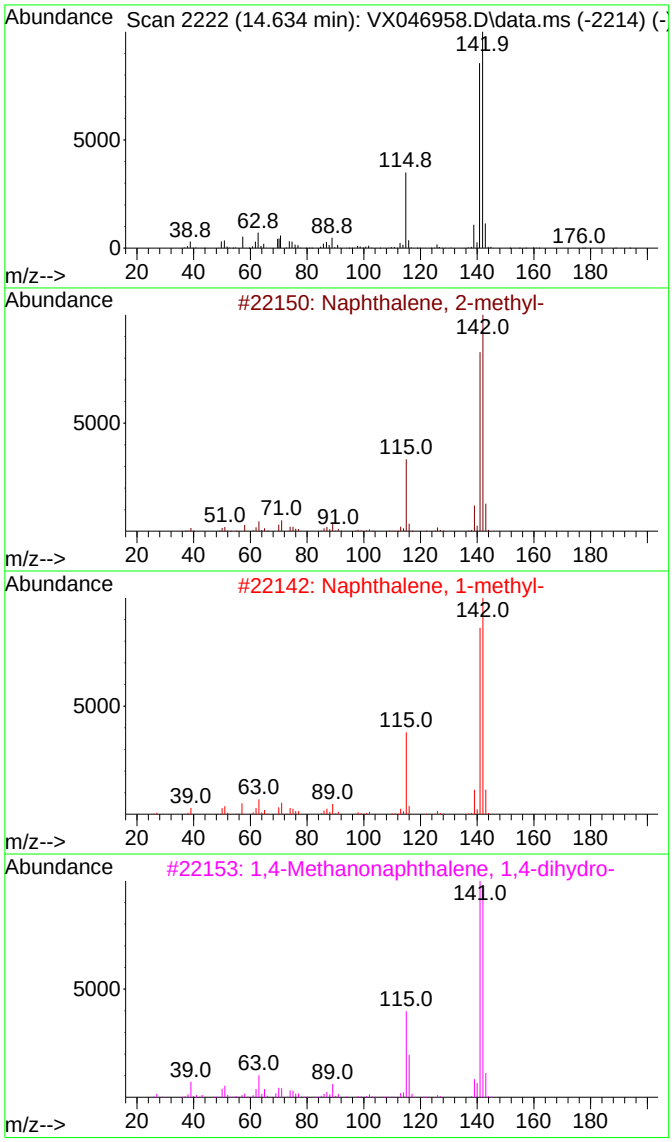
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

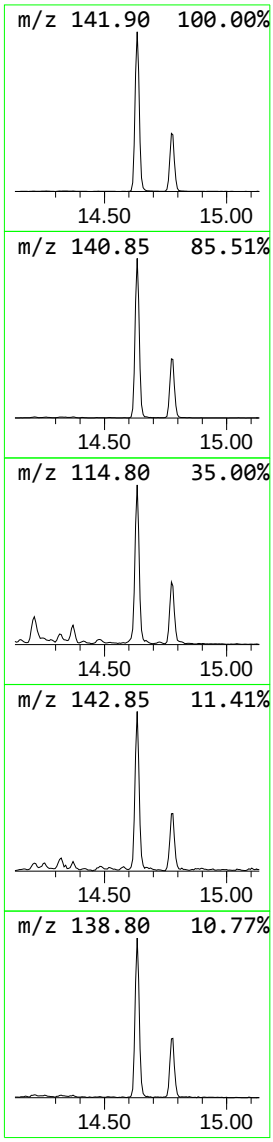
****

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	36.87 ug/l	1614210	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane	8.915	39.4	ug/l	1285180	3	10.055	1631540	50.0
Octane, 4-methyl-	9.903	46.7	ug/l	1524620	3	10.055	1631540	50.0
Nonane	10.360	39.2	ug/l	1280240	3	10.055	1631540	50.0
Benzene, 1-ethy...	11.396	69.1	ug/l	3024870	4	12.018	2189350	50.0
Benzene, 1,2,4-...	12.085	76.1	ug/l	3333640	4	12.018	2189350	50.0
Benzene, 1,2-di...	12.244	75.2	ug/l	3294360	4	12.018	2189350	50.0
Benzene, 2-ethy...	12.530	46.8	ug/l	2047420	4	12.018	2189350	50.0
Benzene, 1-meth...	12.555	37.8	ug/l	1654820	4	12.018	2189350	50.0
o-Cymene	12.610	73.5	ug/l	3219350	4	12.018	2189350	50.0
Benzene, 1-ethe...	12.695	41.9	ug/l	1832800	4	12.018	2189350	50.0
Benzene, 1,2,4,...	12.920	42.3	ug/l	1850500	4	12.018	2189350	50.0
Benzene, 1,2,3,...	12.963	55.1	ug/l	2411890	4	12.018	2189350	50.0
Indan, 1-methyl-	13.164	36.7	ug/l	1608340	4	12.018	2189350	50.0
Benzene, 1-ethe...	13.292	60.6	ug/l	2654300	4	12.018	2189350	50.0
Naphthalene, 2-...	14.634	36.9	ug/l	1614210	4	12.018	2189350	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Quant Time: Jul 10 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	208773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	393637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132908	44.360	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	88.720%		
35) Dibromofluoromethane	7.898	113	118160	46.001	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.000%		
50) Toluene-d8	10.324	98	436151	45.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.617	95	147105	41.818	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	83.640%		

Target Compounds Qvalue

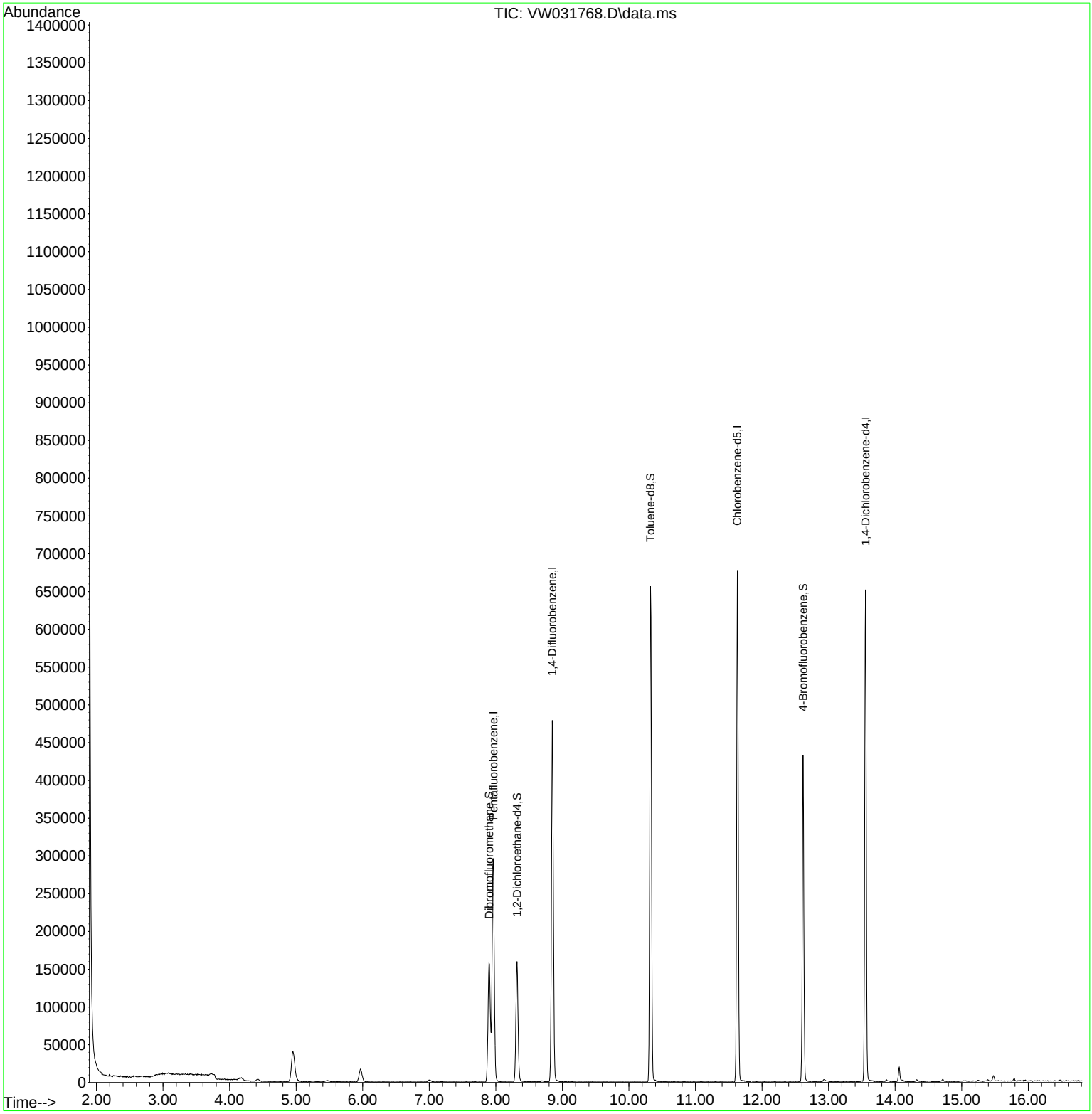
(#) = qualifier out of range (m) = manual integration (+) = signals summed

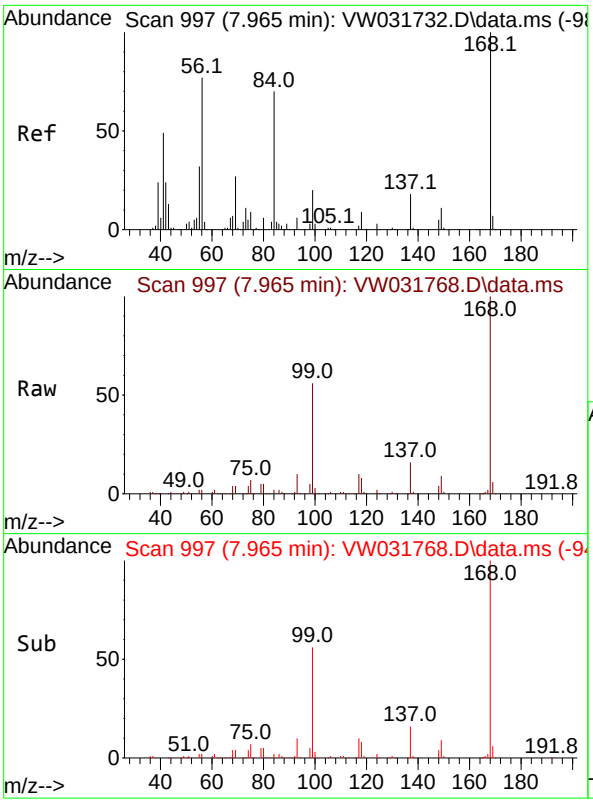
Sample Results: **VW031768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Quant Time: Jul 10 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



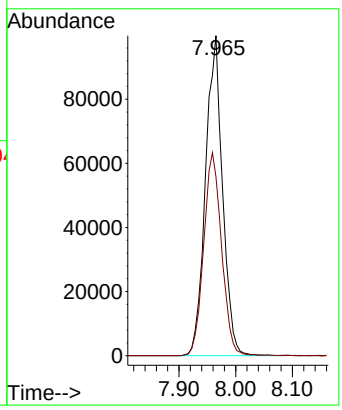


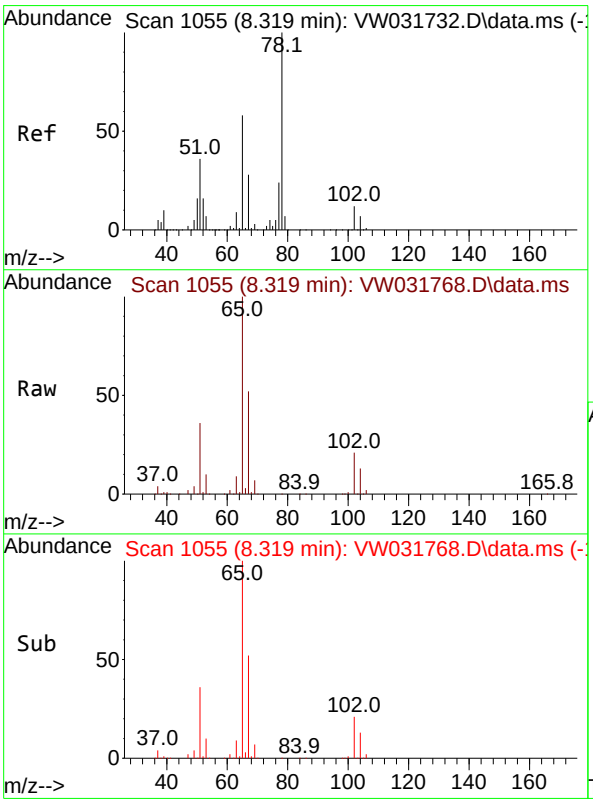
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion:168 Resp: 208773

Ion	Ratio	Lower	Upper
168	100		
99	55.9	49.4	74.2

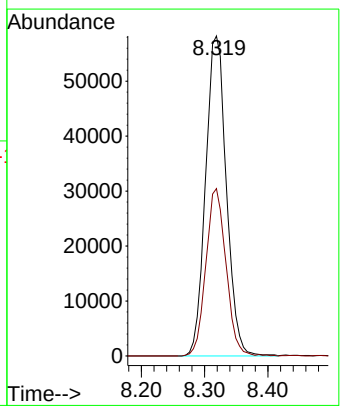


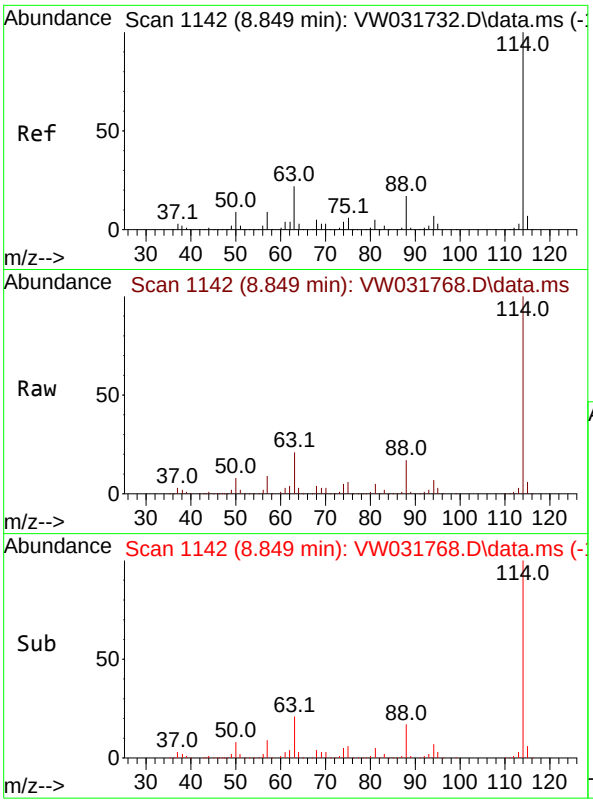


#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion: 65 Resp: 132908

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4



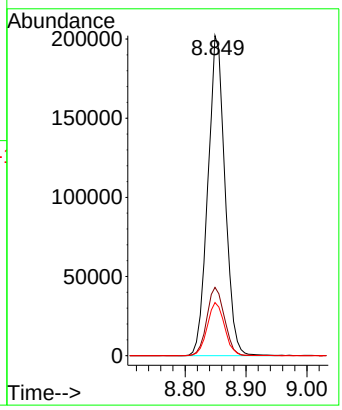


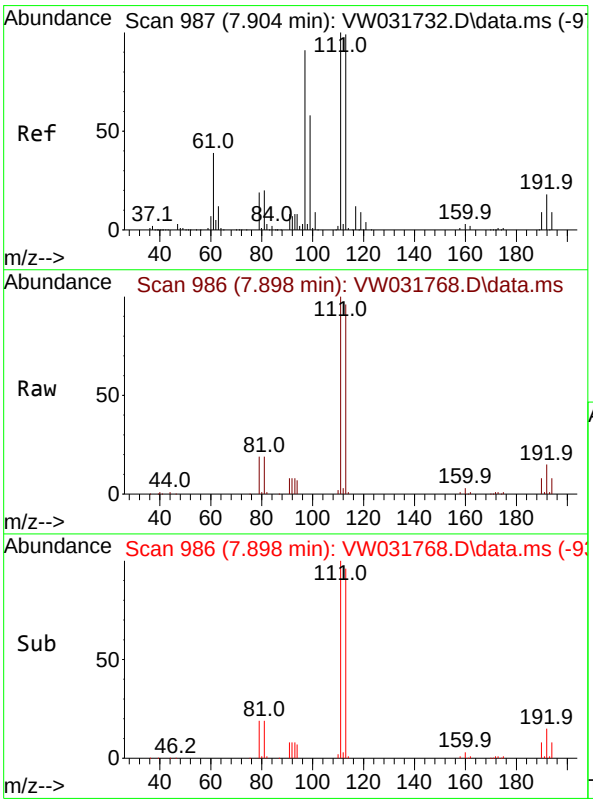
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion:114 Resp: 393637

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.6
88	16.6	0.0	34.2

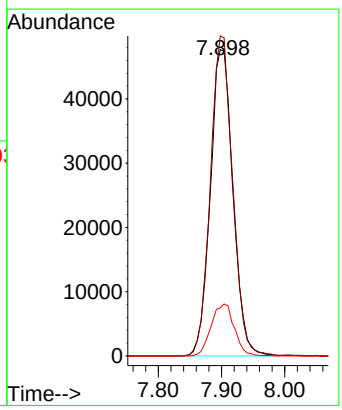


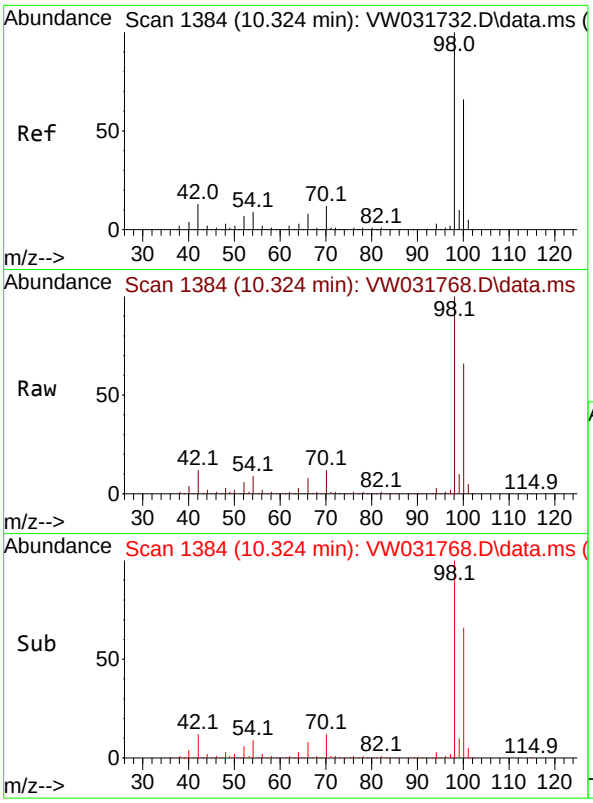


#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion:113 Resp: 118160

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	17.3	13.8	20.6



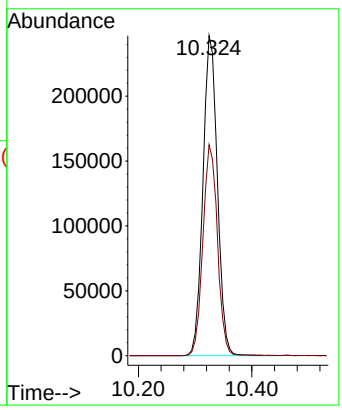


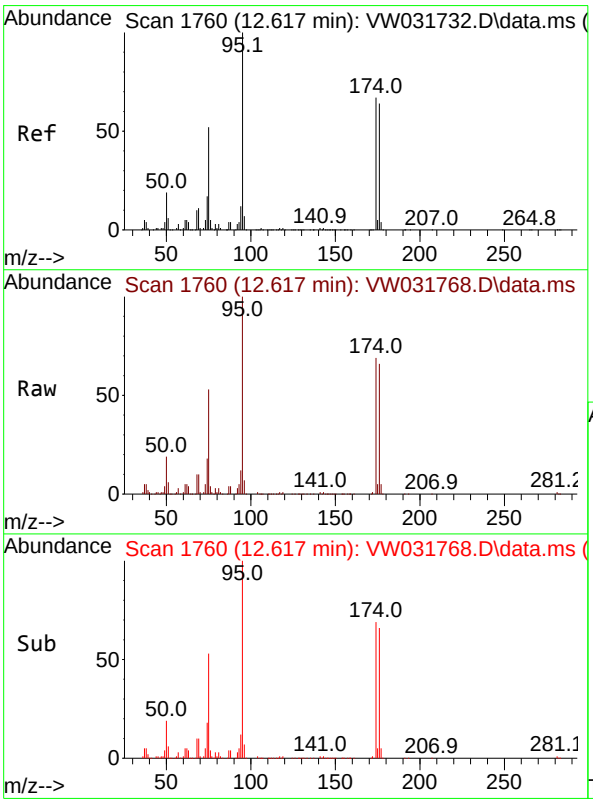
#50
Toluene-d8
Concen: 45.627 ug/l
RT: 10.324 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion: 98 Resp: 436151

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

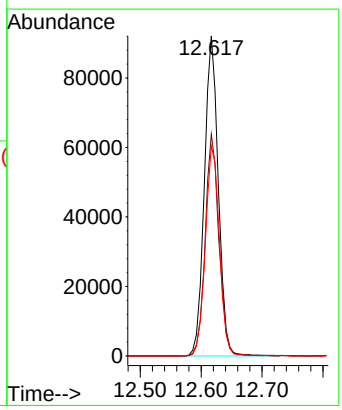


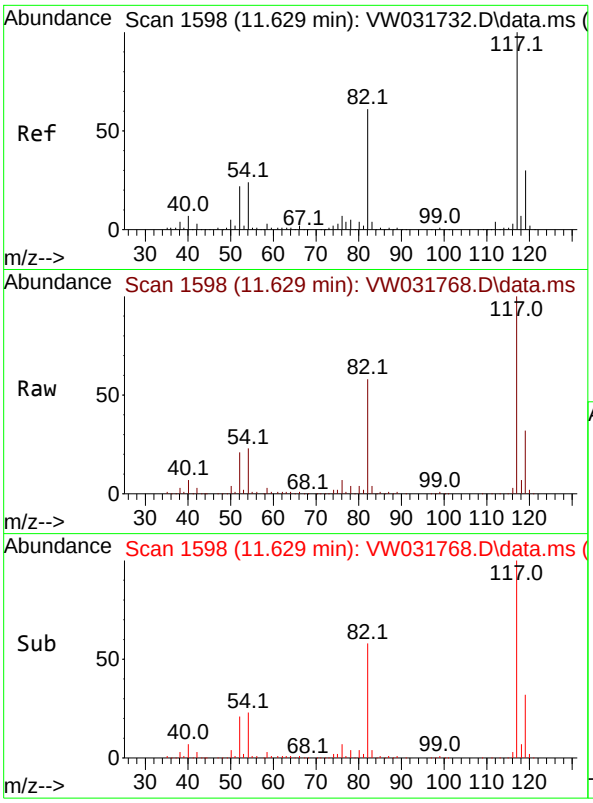


#62
4-Bromofluorobenzene
Concen: 41.818 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion: 95 Resp: 147105

Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	133.8
176	66.1	0.0	126.0



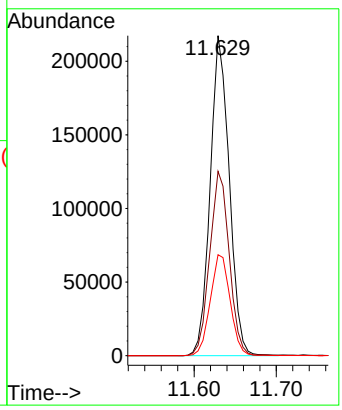


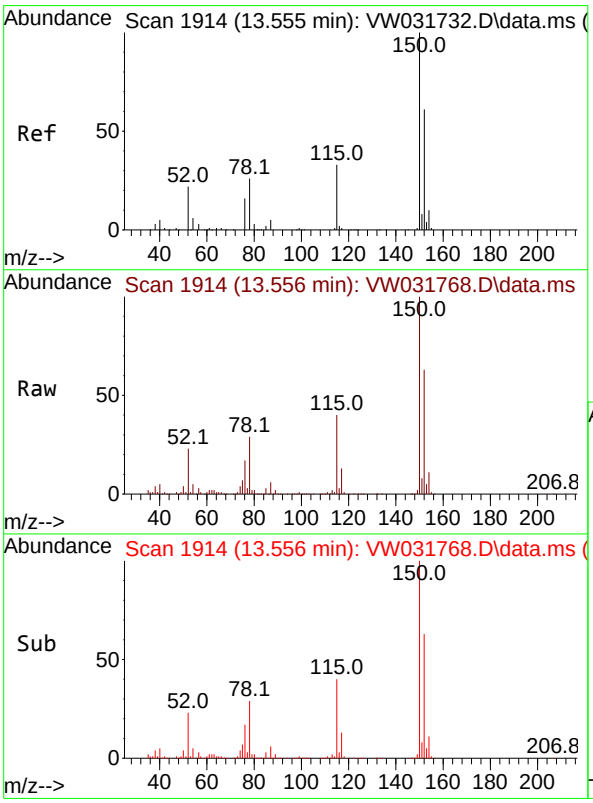
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion:117 Resp: 349817

Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.6	72.8
119	31.6	23.9	35.9

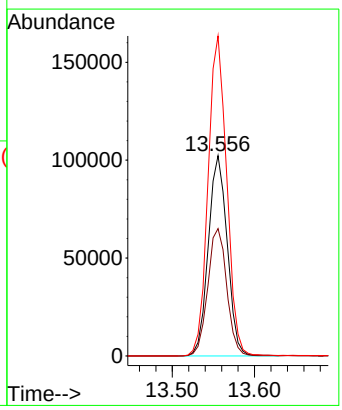




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion:152 Resp: 163801

Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.9	95.7
150	157.8	0.0	356.4



Sample Results: **VW031768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.947	491	502	519	rBV2	40190	146841	12.50%	2.210%
2	5.965	660	669	681	rVB3	16672	51670	4.40%	0.778%
3	7.898	976	986	991	rBV2	157342	391458	33.31%	5.893%
4	7.959	991	996	1009	rVB2	295509	664141	56.51%	9.997%
5	8.319	1045	1055	1065	rBV	159551	356036	30.30%	5.359%
6	8.849	1133	1142	1161	rBV	478537	955850	81.34%	14.389%
7	10.324	1375	1384	1401	rBV	656276	1175190	100.00%	17.690%
8	11.629	1590	1598	1610	rBV	677404	1121960	95.47%	16.889%
9	12.617	1753	1760	1775	rBV	432078	693052	58.97%	10.433%
10	13.556	1907	1914	1928	rBV	650785	1043653	88.81%	15.710%
11	14.062	1991	1997	2002	rBV2	18525	29478	2.51%	0.444%
12	15.476	2222	2229	2235	rBV	7309	13806	1.17%	0.208%

Sum of corrected areas: 6643135

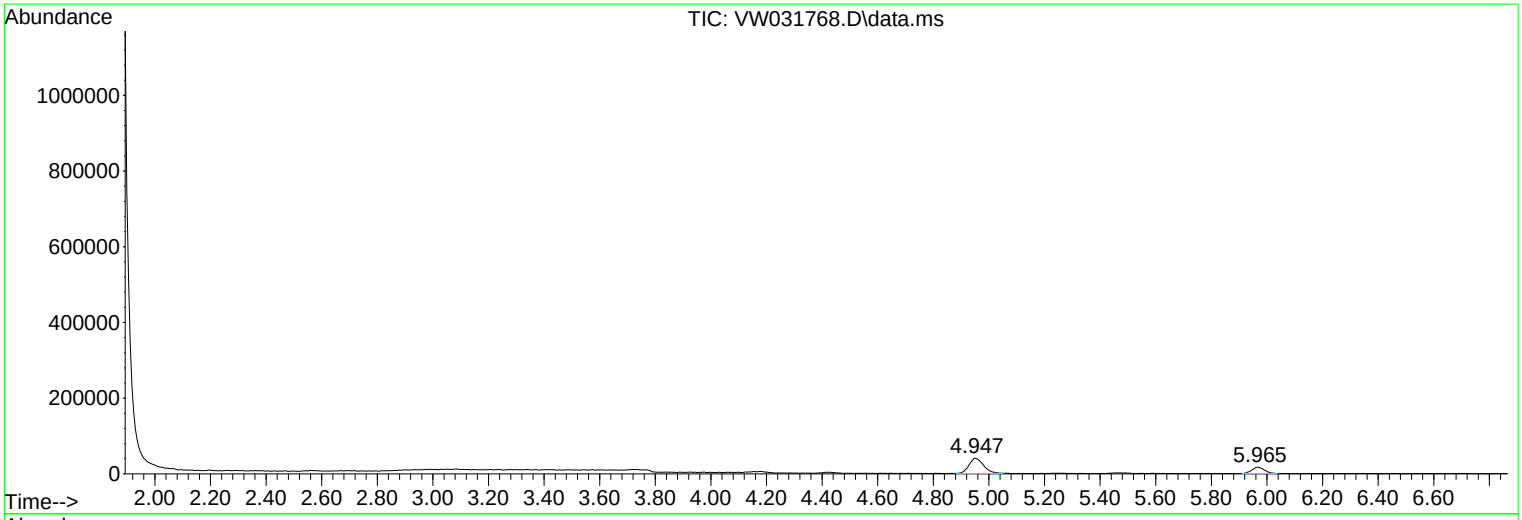
Sample Results: **VW031768.D**

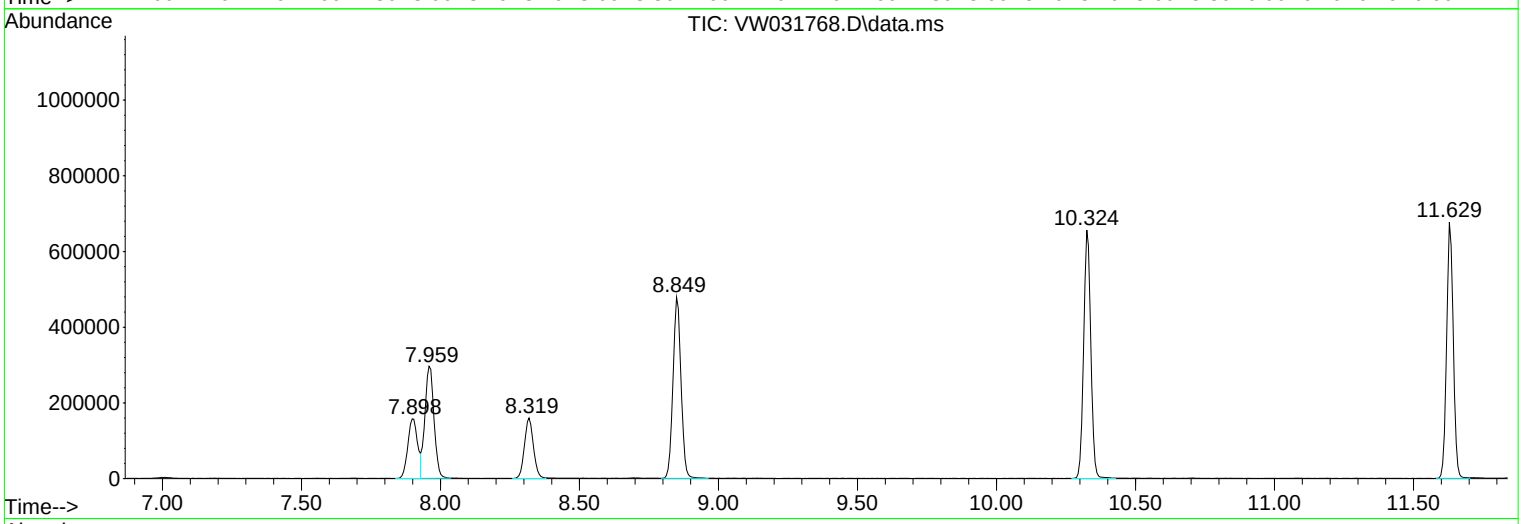
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

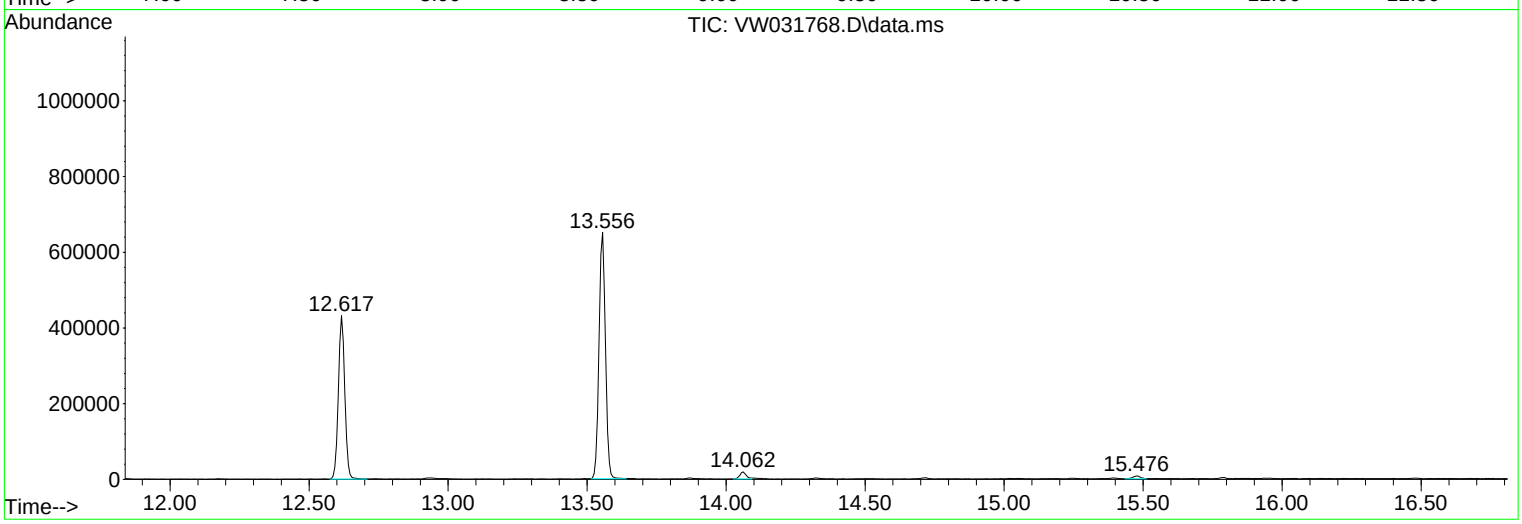
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VW031768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Time: Jul 11 02:15:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	178449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	403423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	368923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143086	55.872	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.740%			
35) Dibromofluoromethane	7.898	113	121172	46.029	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 92.060%			
50) Toluene-d8	10.325	98	445433	45.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 90.940%			
62) 4-Bromofluorobenzene	12.617	95	164288	45.570	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 91.140%			

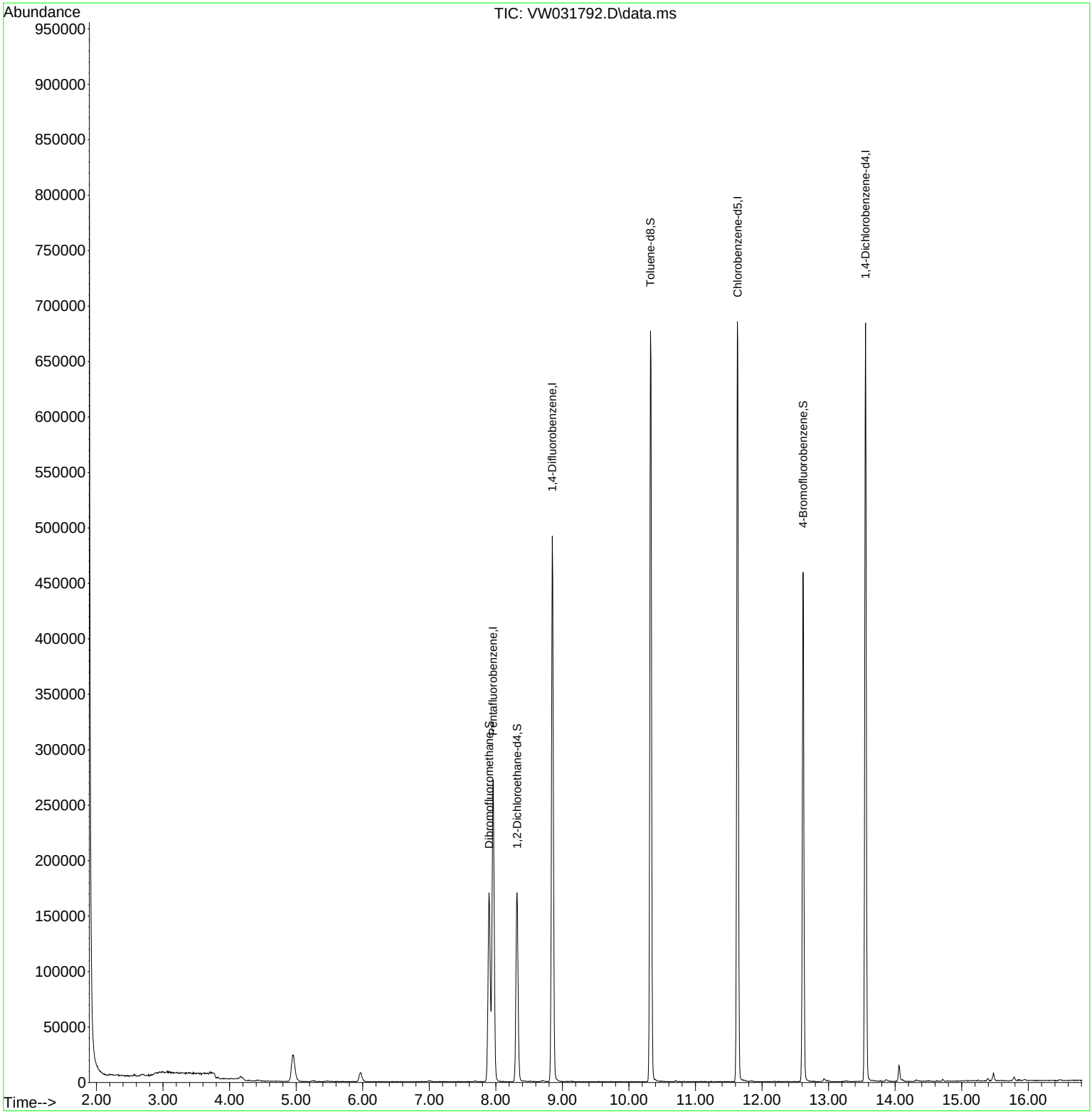
Target Compounds Qvalue

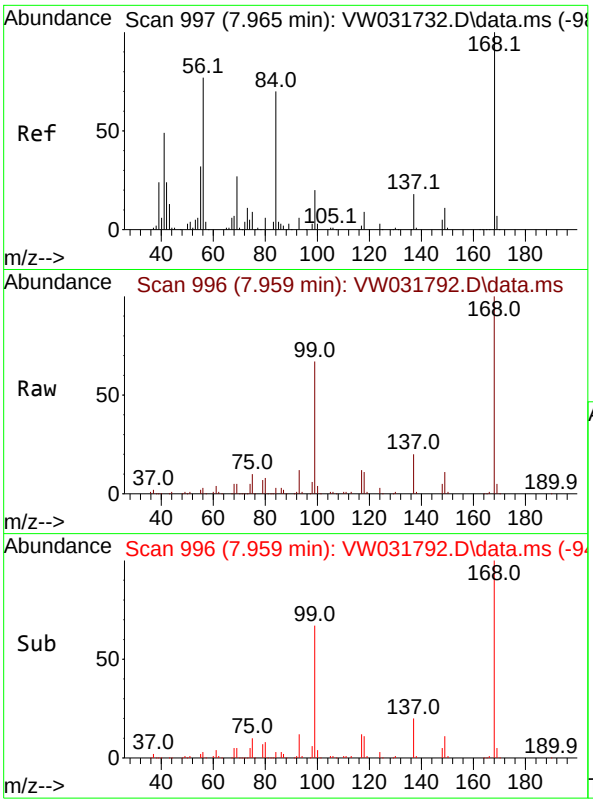
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Time: Jul 11 02:15:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



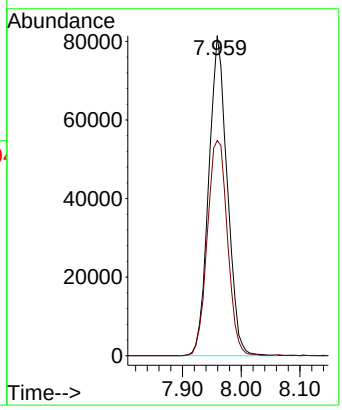


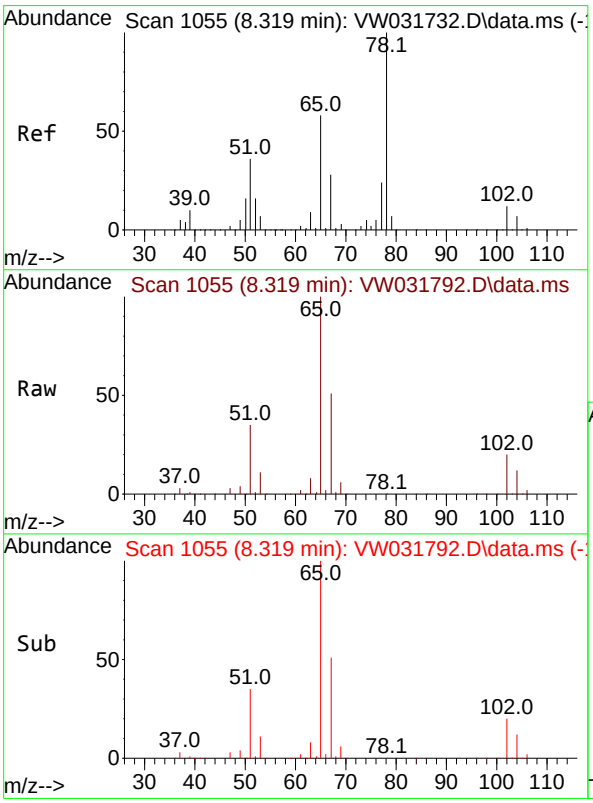
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion:168 Resp: 178449

Ion	Ratio	Lower	Upper
168	100		
99	67.2	49.4	74.2

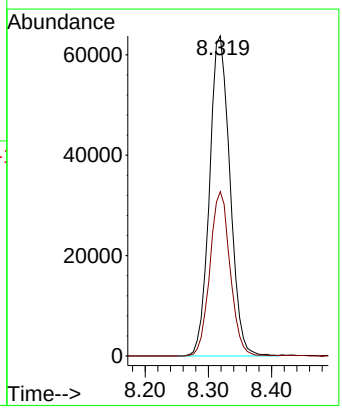


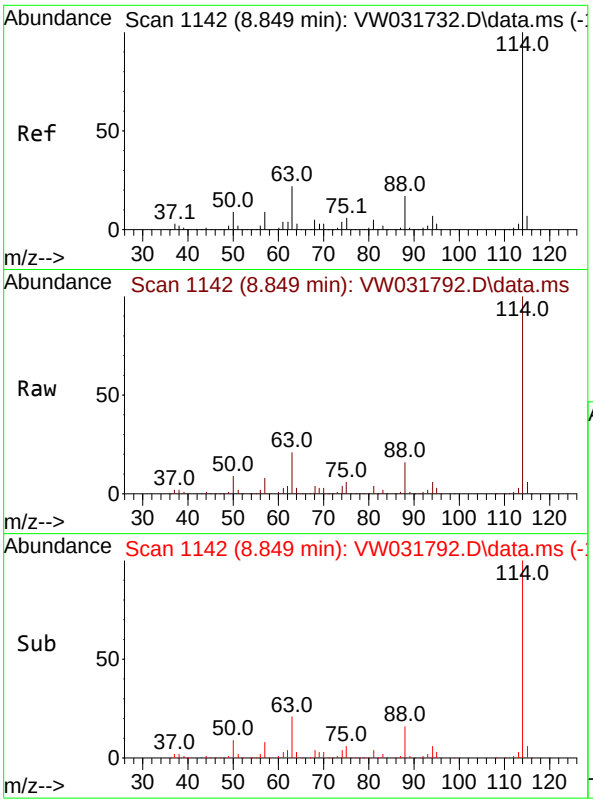


#33
1,2-Dichloroethane-d4
Concen: 55.872 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 65 Resp: 143086

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4



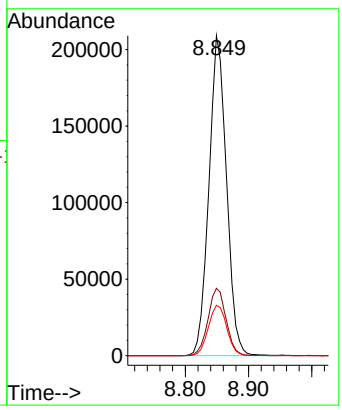


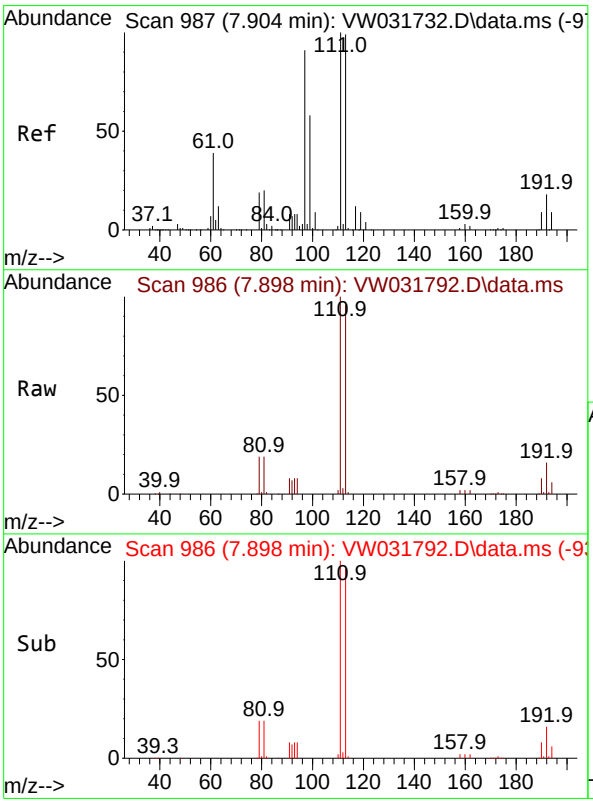
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion:114 Resp: 403423

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.6
88	15.7	0.0	34.2

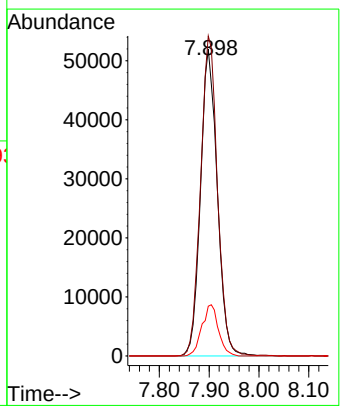


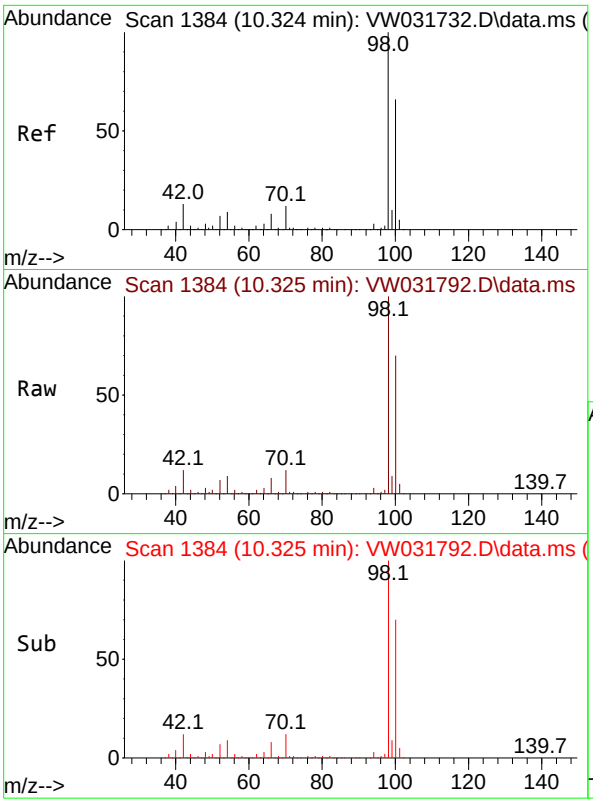


#35
Dibromofluoromethane
Concen: 46.029 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion:113 Resp: 121172

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.1	123.1
192	16.5	13.8	20.6



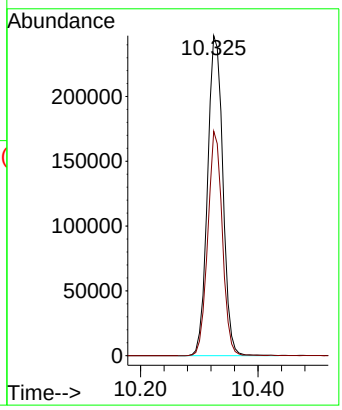


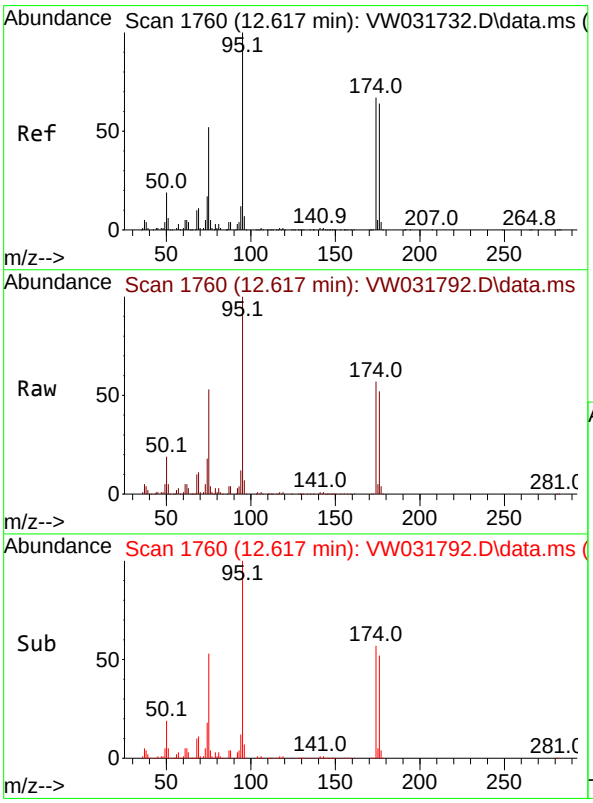
#50
Toluene-d8
Concen: 45.468 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion: 98 Resp: 445433

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

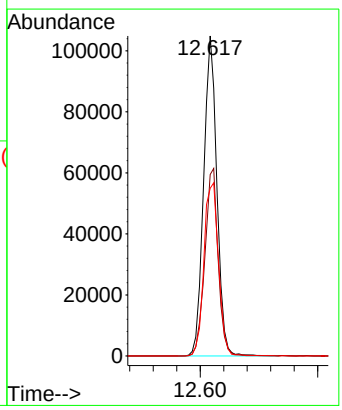


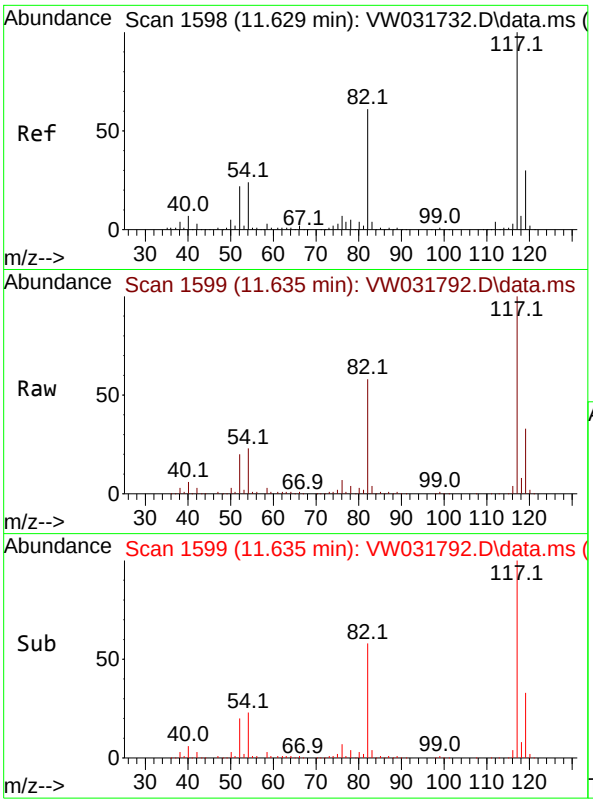


#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 95 Resp: 164288

Ion	Ratio	Lower	Upper
95	100		
174	59.0	0.0	133.8
176	59.7	0.0	126.0



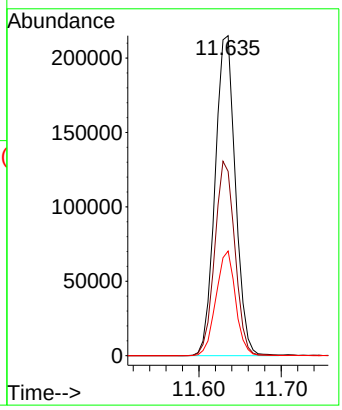


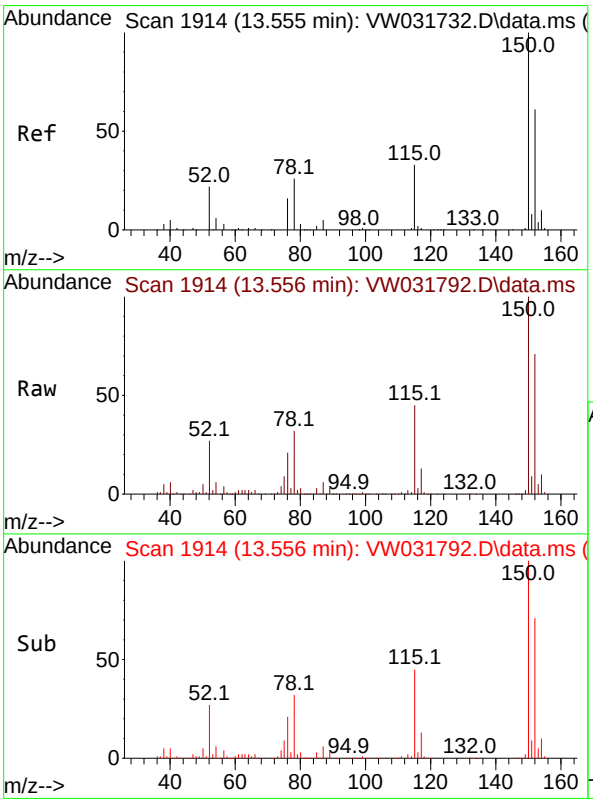
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion:117 Resp: 368923

Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.6	72.8
119	32.7	23.9	35.9

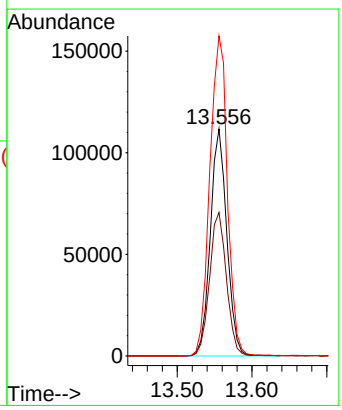




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion:152 Resp: 171872

Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.9	95.7
150	150.4	0.0	356.4



Sample Results: **VW031792.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.948	490	502	523	rBV3	23913	90435	7.51%	1.341%
2	5.972	660	670	677	rBV3	8013	24417	2.03%	0.362%
3	7.898	974	986	991	rBV2	170401	405437	33.68%	6.012%
4	7.959	991	996	1011	rVB	272086	601483	49.97%	8.919%
5	8.319	1044	1055	1070	rBV	170632	387344	32.18%	5.744%
6	8.849	1132	1142	1158	rBV	491862	974114	80.93%	14.444%
7	10.325	1376	1384	1395	rBV	676862	1203627	100.00%	17.847%
8	11.629	1591	1598	1609	rBV	685450	1181921	98.20%	17.526%
9	12.617	1752	1760	1771	rBV2	459123	740181	61.50%	10.975%
10	13.556	1907	1914	1922	rBV	683716	1096595	91.11%	16.260%
11	14.056	1990	1996	2004	rBV2	14525	26196	2.18%	0.388%
12	15.476	2222	2229	2234	rBV	6955	12247	1.02%	0.182%

Sum of corrected areas: 6743997

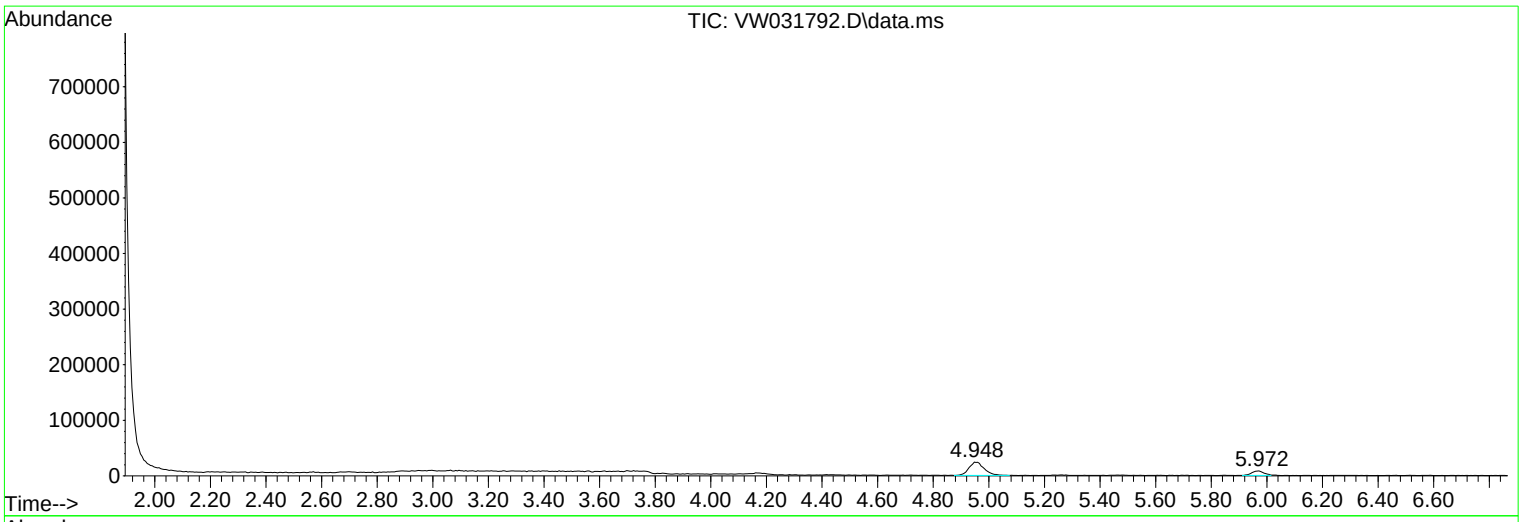
Sample Results: **VW031792.D**

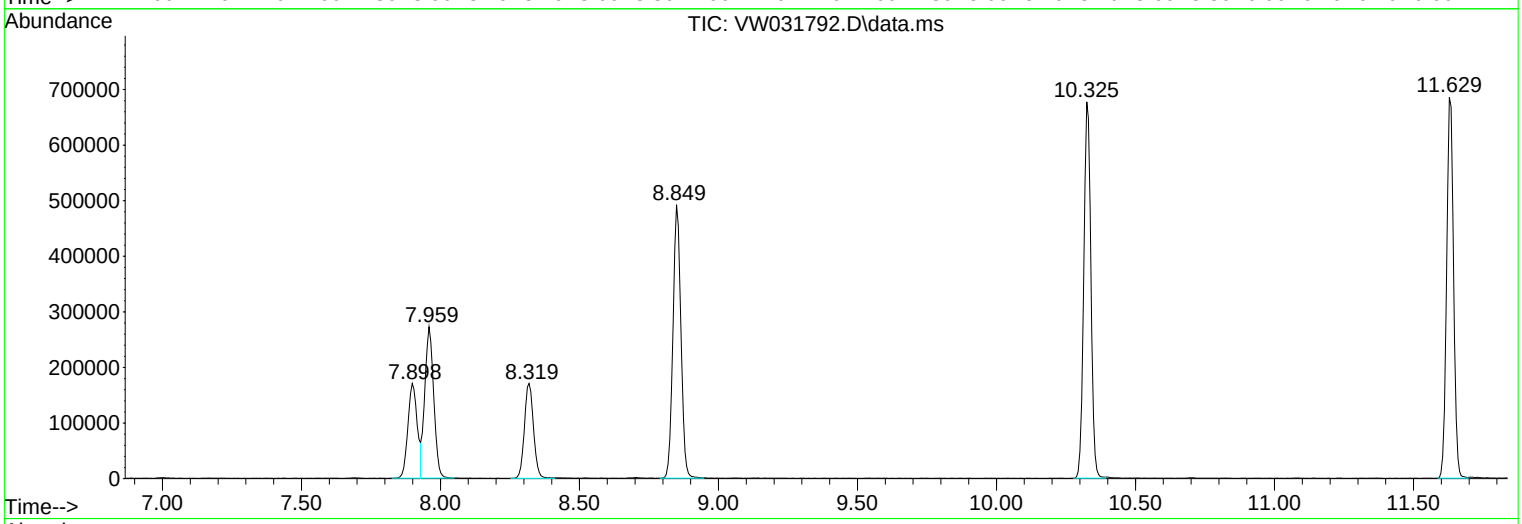
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

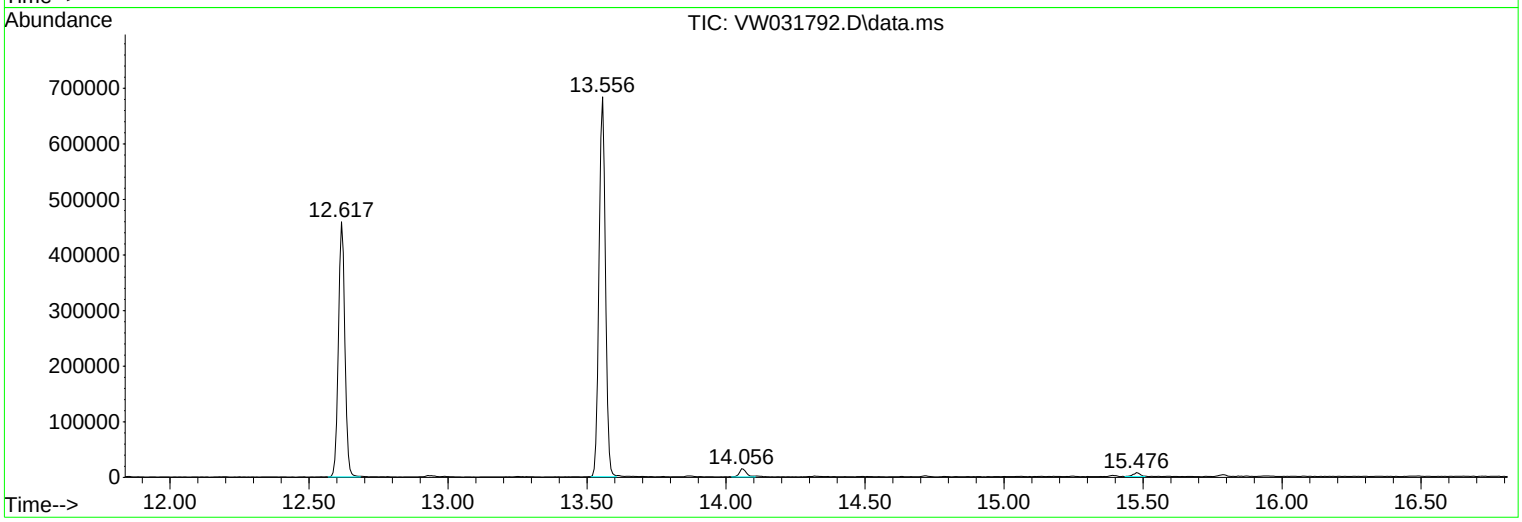
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VW031792.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Quant Time: Jul 11 01:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	220827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150620	51.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.260%			
35) Dibromofluoromethane	5.391	113	128040	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	8.647	98	463264	49.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.120%			
62) 4-Bromofluorobenzene	11.079	95	174712	49.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.360%			

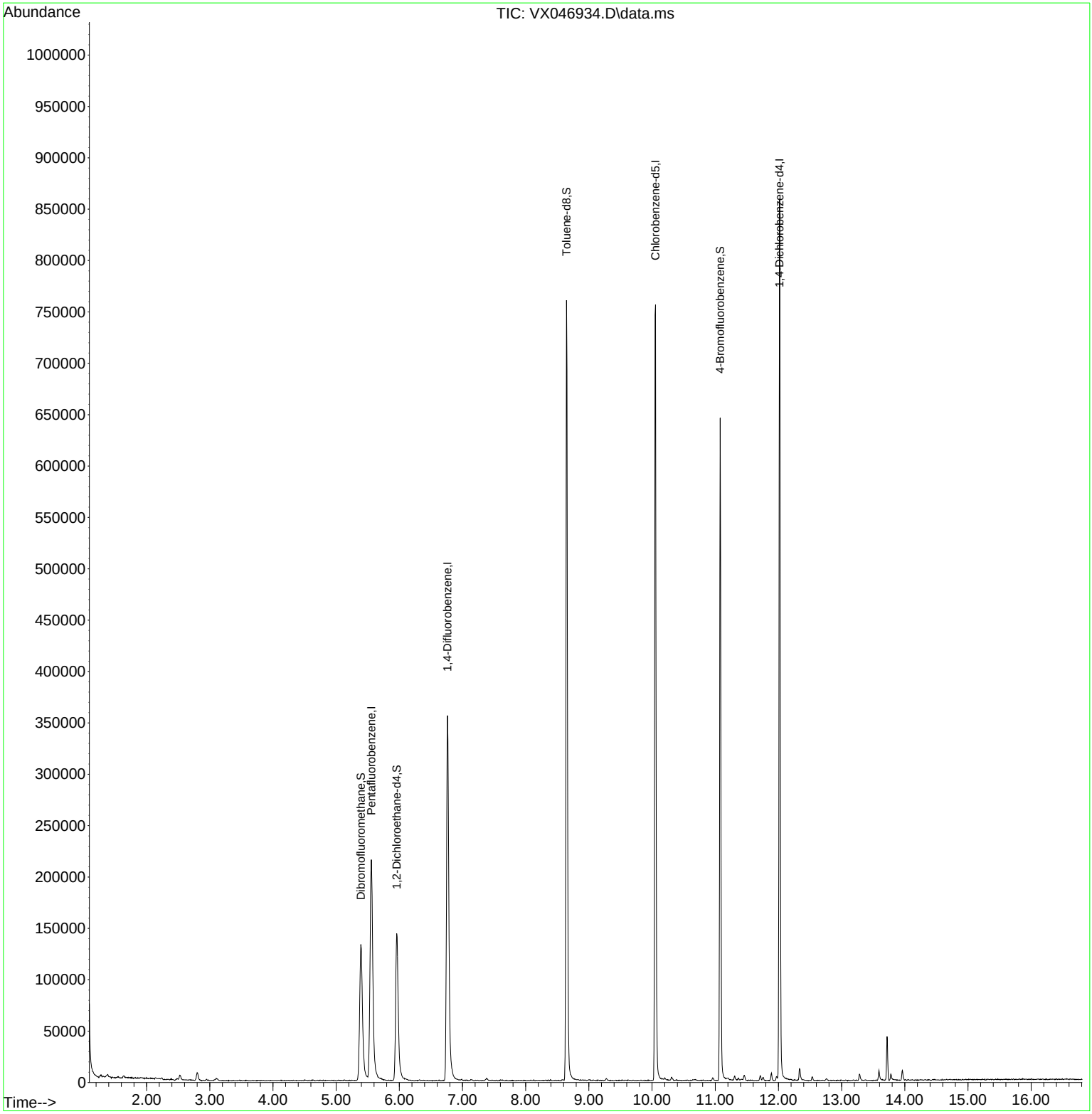
Target Compounds Qvalue

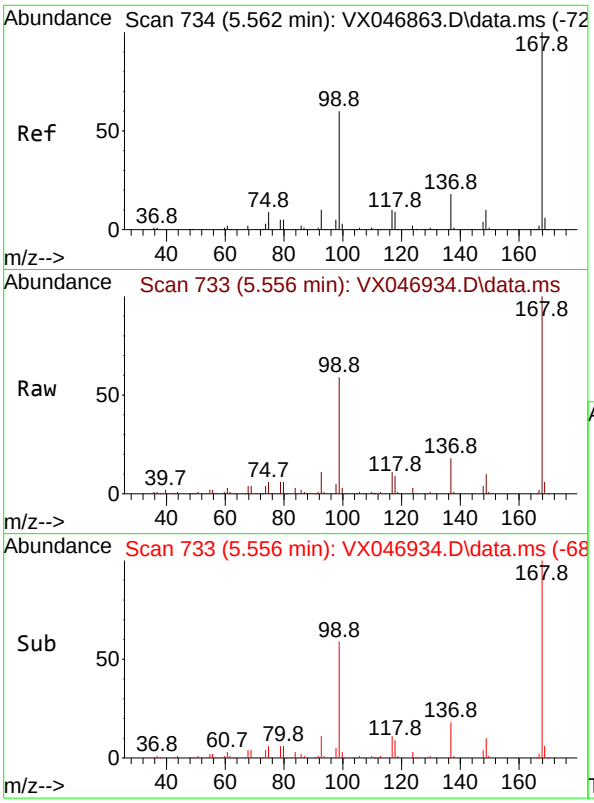
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Quant Time: Jul 11 01:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



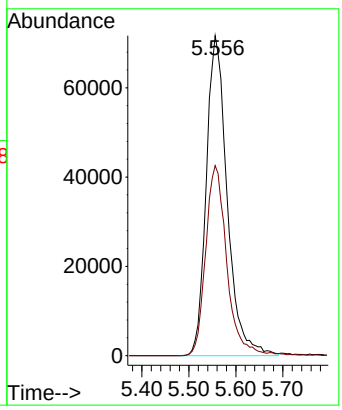


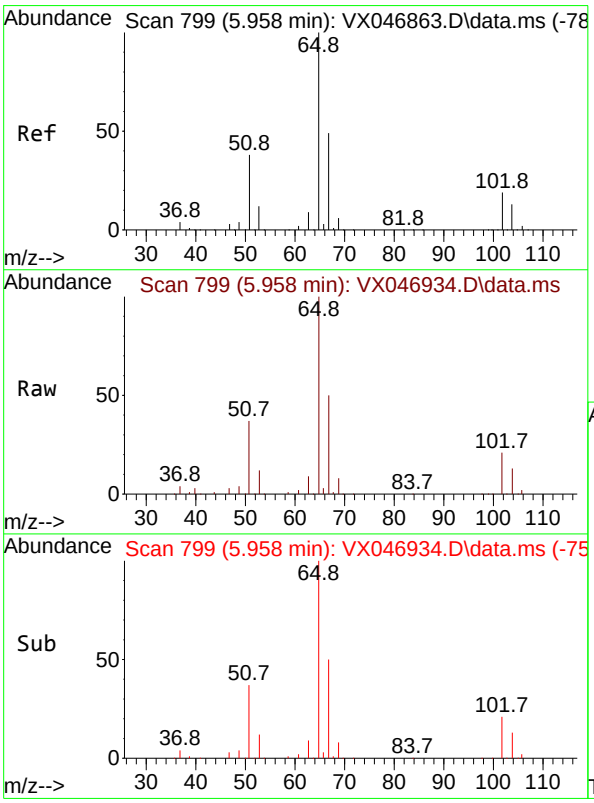
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion:168 Resp: 220827

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.8	73.2

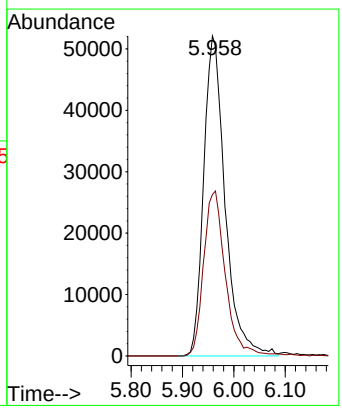


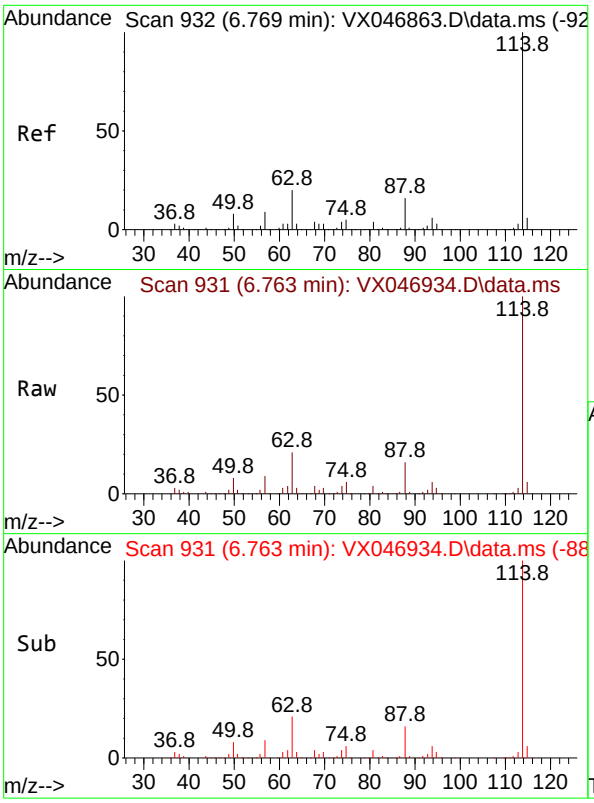


#33
1,2-Dichloroethane-d4
Concen: 51.629 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion: 65 Resp: 150620

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



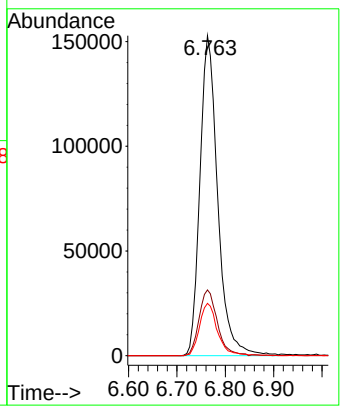


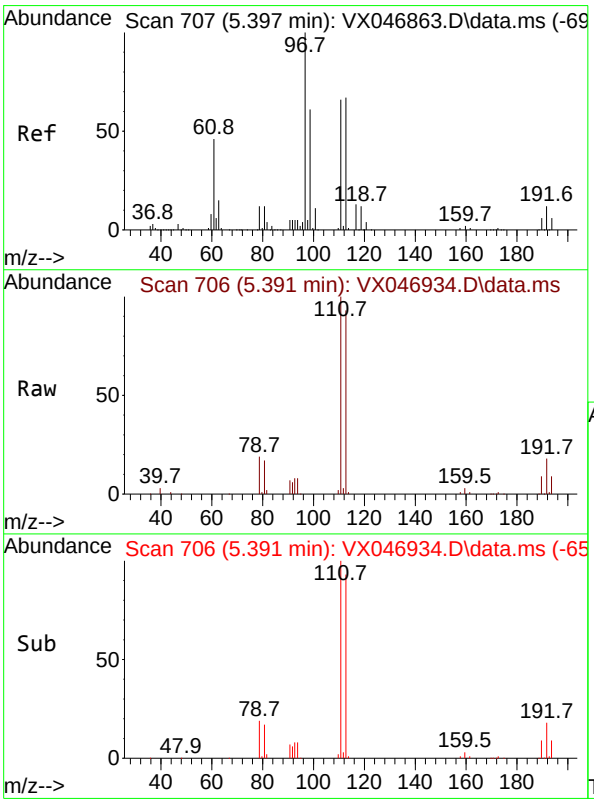
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion:114 Resp: 390309

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	16.4	0.0	31.0

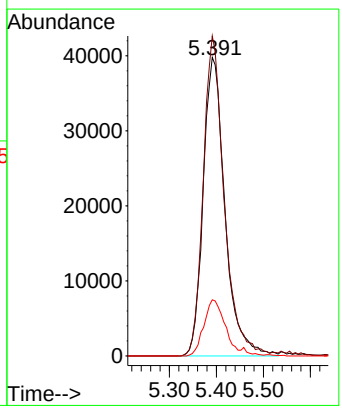


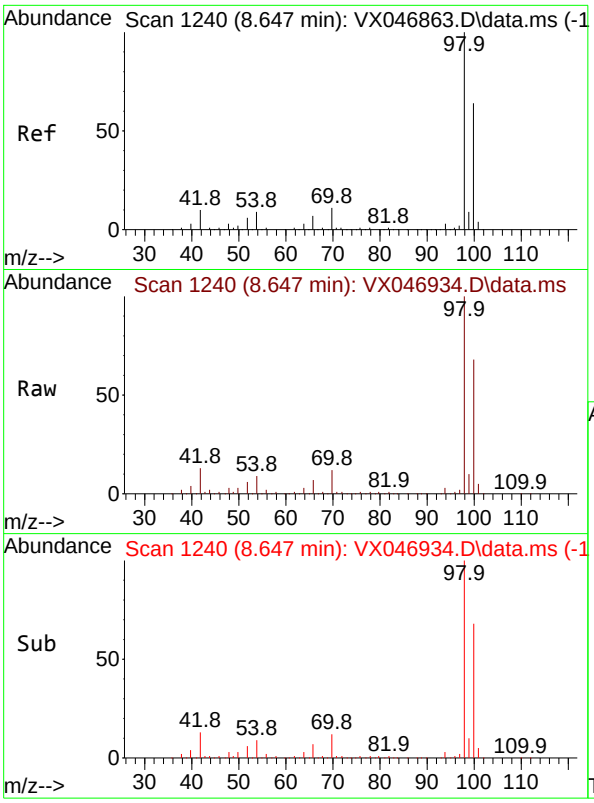


#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion:113 Resp: 128040

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.2	121.8
192	19.0	15.3	22.9



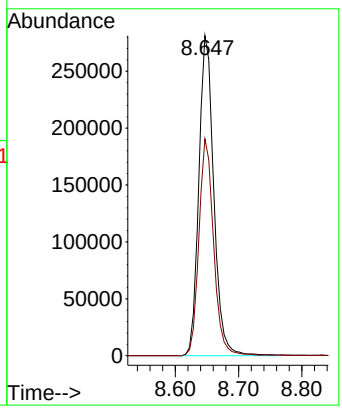


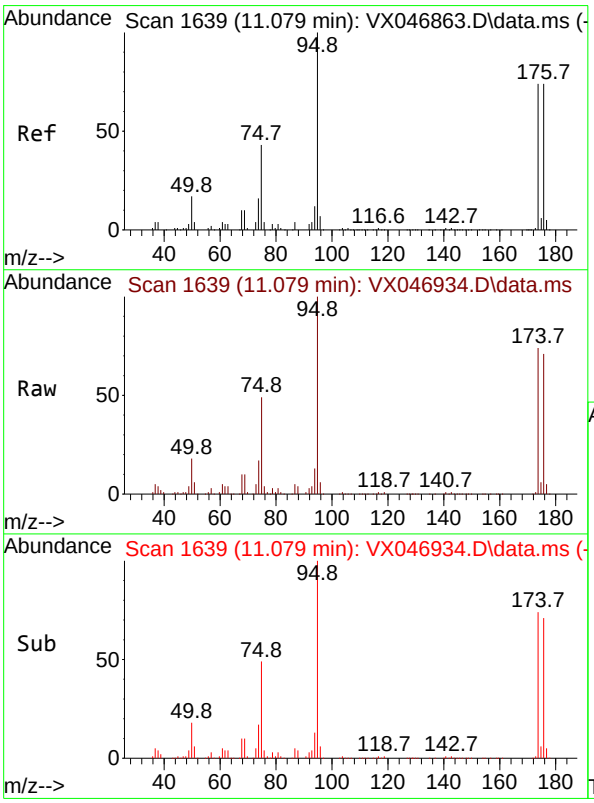
#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion: 98 Resp: 463264

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

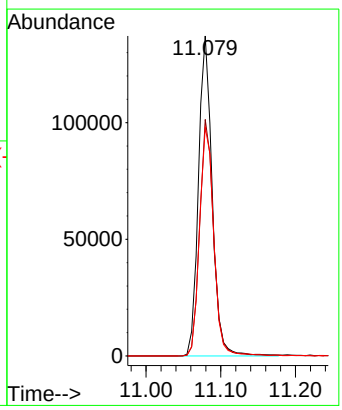


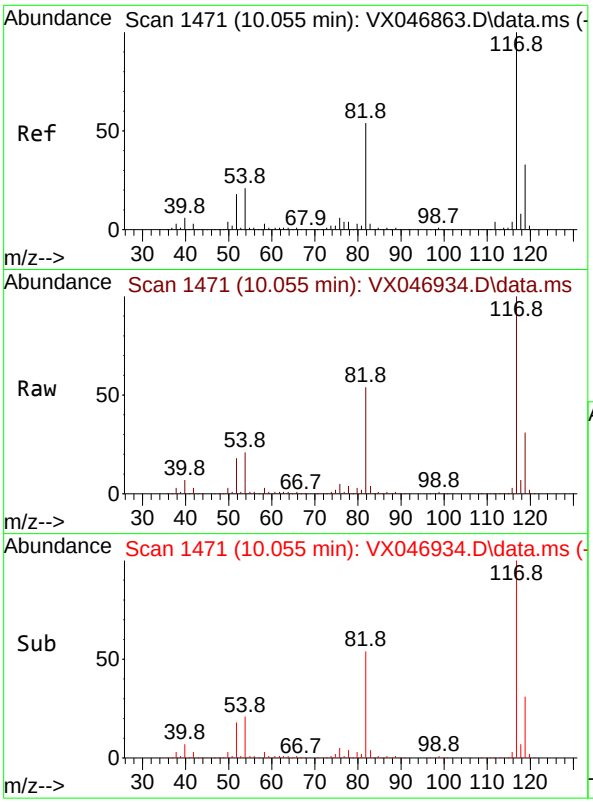


#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion: 95 Resp: 174712

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	152.0
176	74.3	0.0	145.2



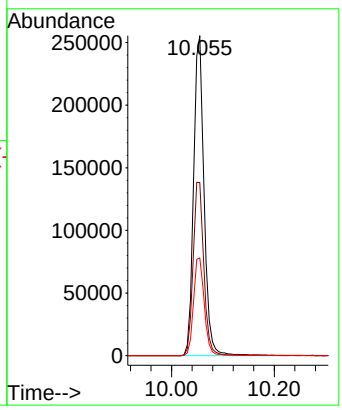


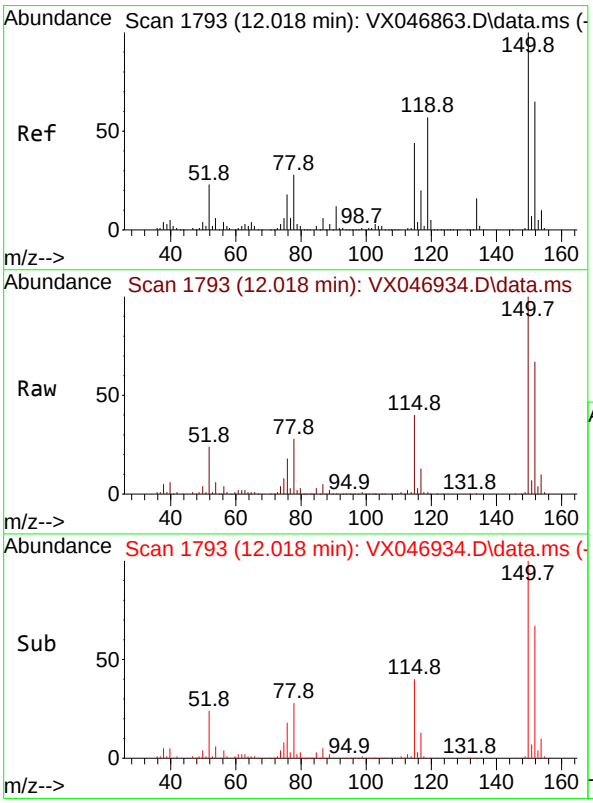
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion:117 Resp: 362012

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.3	64.9
119	30.5	26.4	39.6

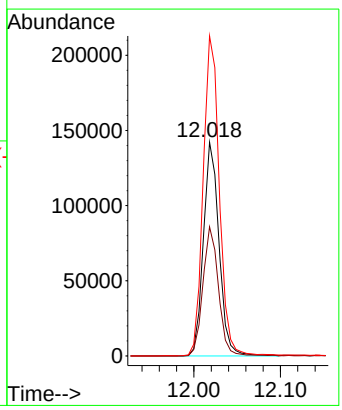




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion:152 Resp: 178141

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	155.7	0.0	349.2



Sample Results: **VX046934.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.800	274	281	293	rVB3	8176	19332	1.55%	0.285%
2	5.391	693	706	722	rBV3	132545	419312	33.61%	6.175%
3	5.556	724	733	750	rVV	212070	644217	51.64%	9.487%
4	5.958	789	799	817	rBV	143099	416960	33.42%	6.140%
5	6.763	921	931	950	rBV	355477	917759	73.57%	13.515%
6	8.647	1234	1240	1256	rBV	759277	1247534	100.00%	18.372%
7	10.055	1465	1471	1484	rBV	754892	1100440	88.21%	16.206%
8	11.079	1634	1639	1650	rBV	644675	832299	66.72%	12.257%
9	12.018	1788	1793	1809	rVB	856334	1089454	87.33%	16.044%
10	12.335	1840	1845	1851	rBV5	11367	18788	1.51%	0.277%
11	13.591	2046	2051	2059	rBV6	9813	15267	1.22%	0.225%
12	13.719	2067	2072	2078	rVB3	42758	55605	4.46%	0.819%
13	13.963	2108	2112	2117	rBV5	9632	13566	1.09%	0.200%

Sum of corrected areas: 6790533

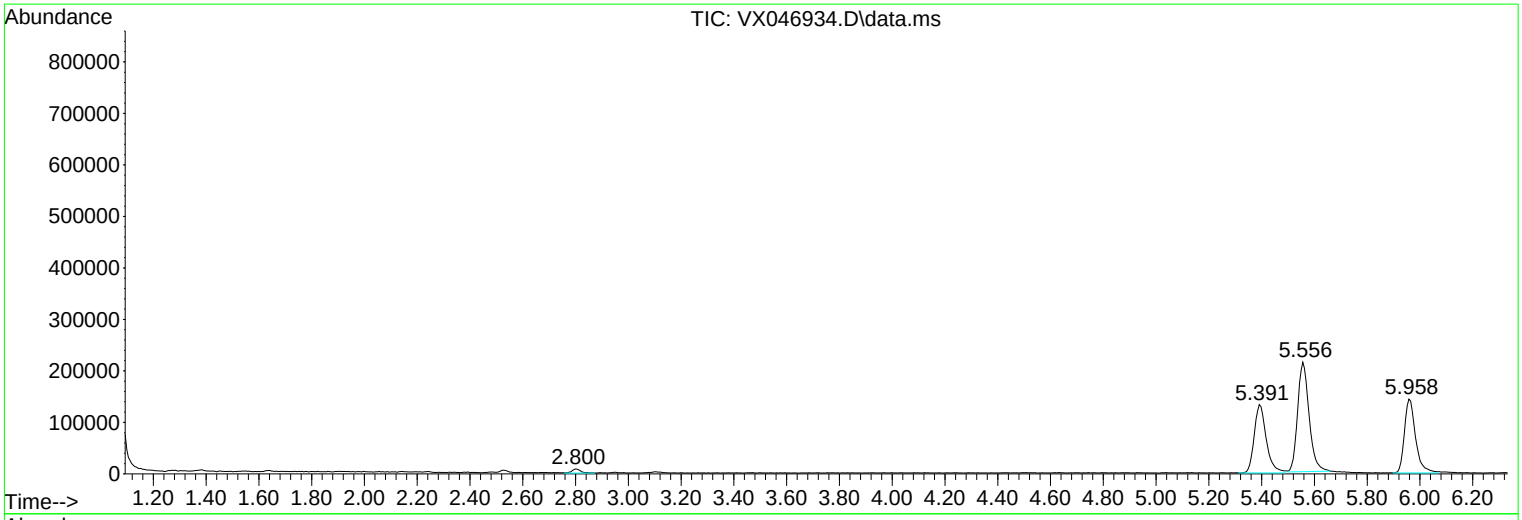
Sample Results: **VX046934.D**

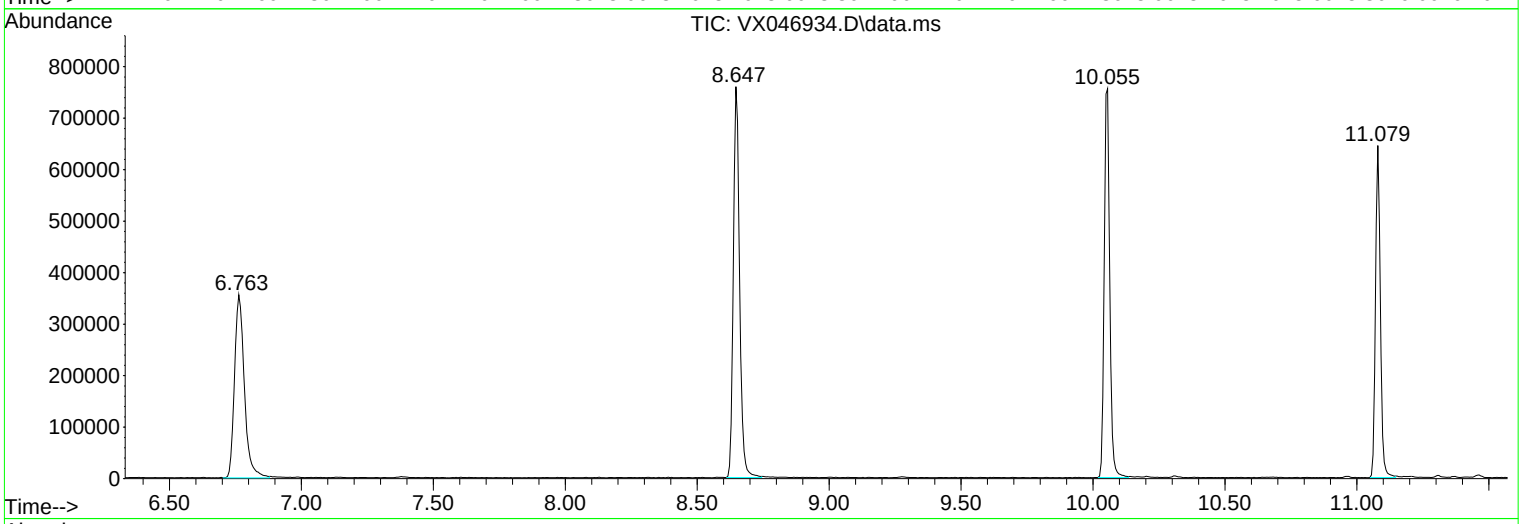
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

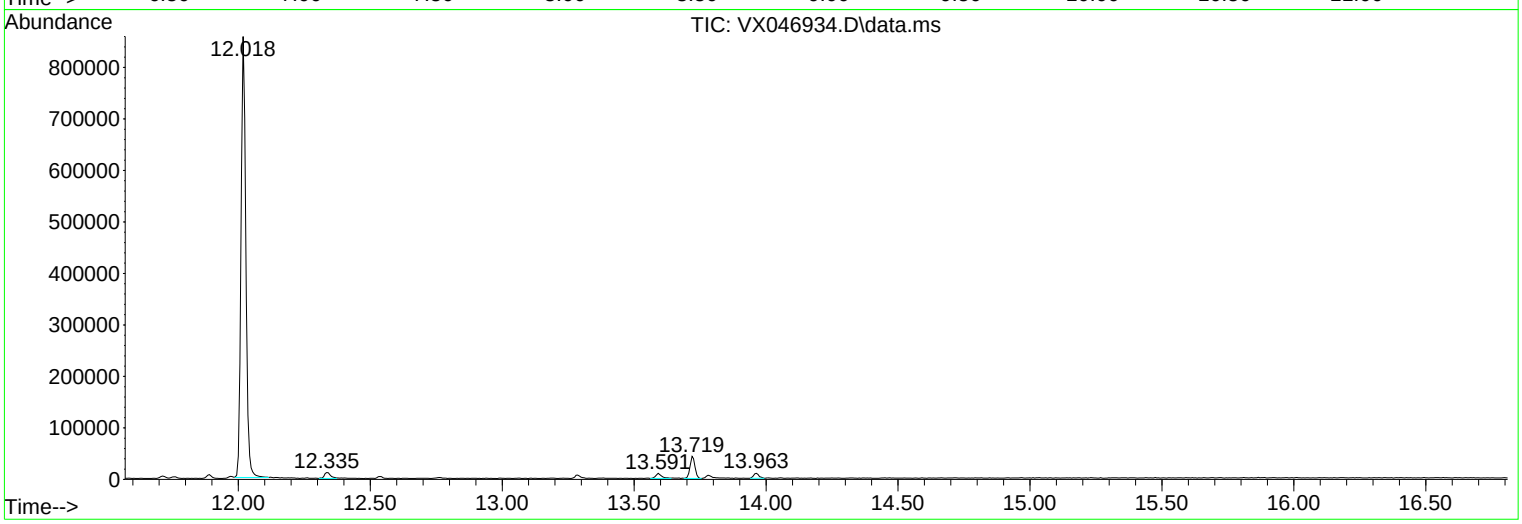
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Quant Time: Jul 15 01:14:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	353449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	590149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	542379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	279389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	242617	51.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.920%			
35) Dibromofluoromethane	5.397	113	199801	49.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.653	98	689113	48.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.079	95	278070	51.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.540%			

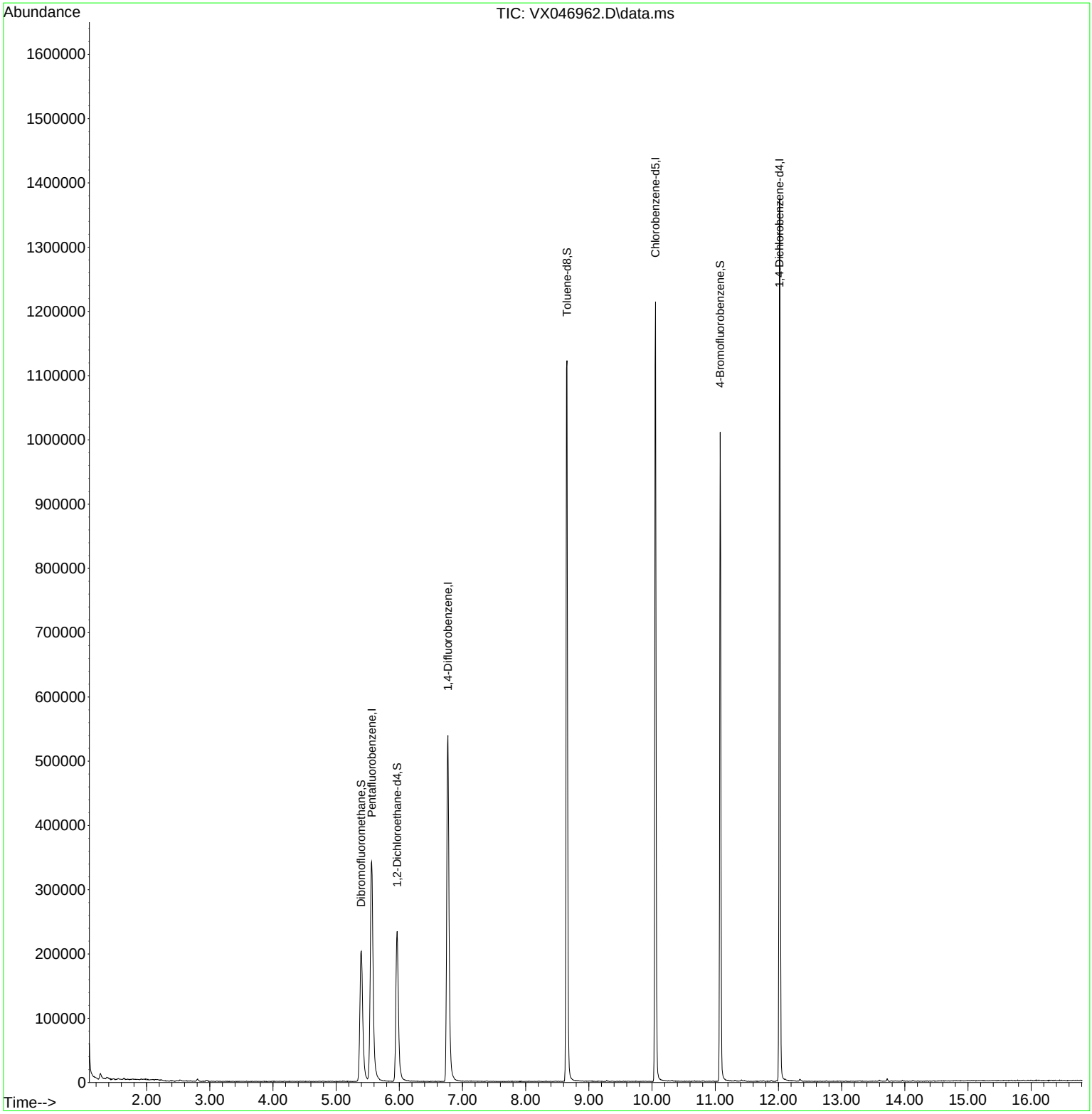
Target Compounds Qvalue

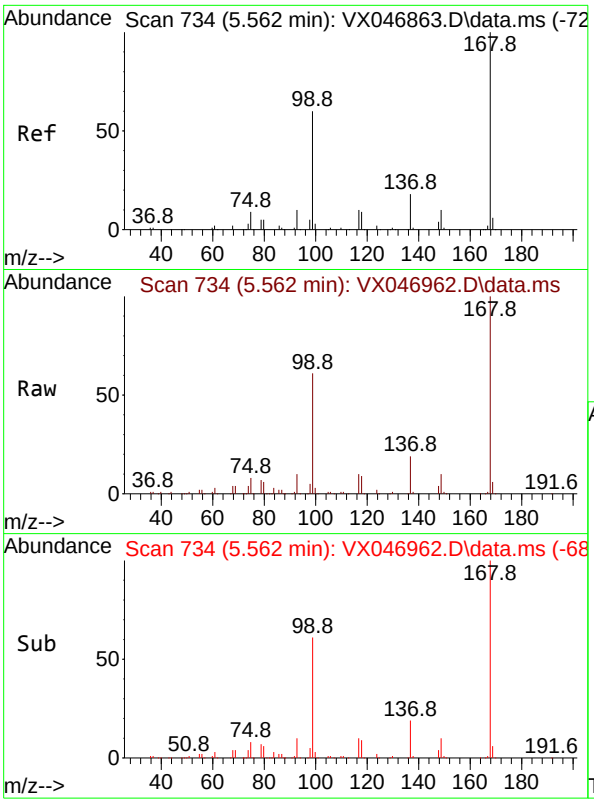
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Quant Time: Jul 15 01:14:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



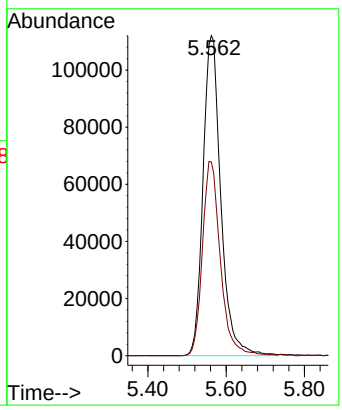


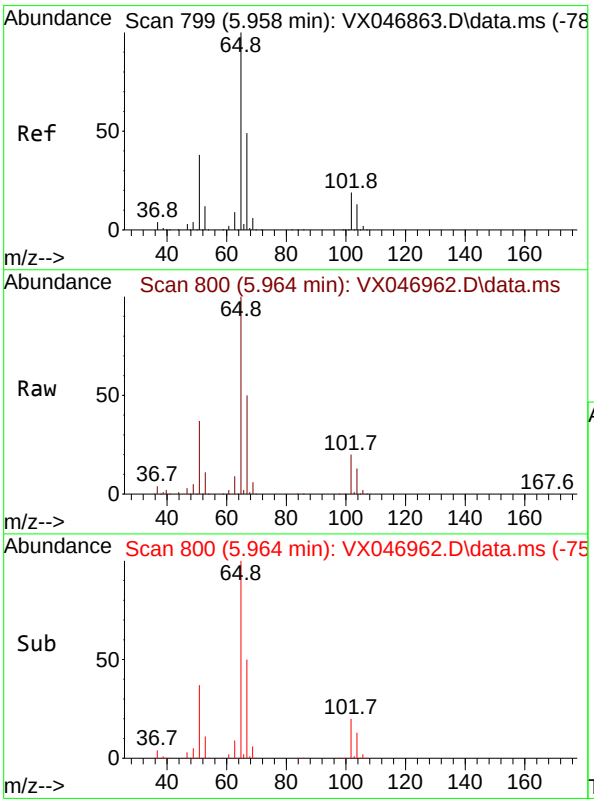
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion:168 Resp: 353449

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.8	73.2

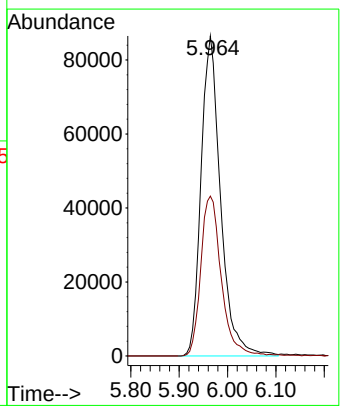


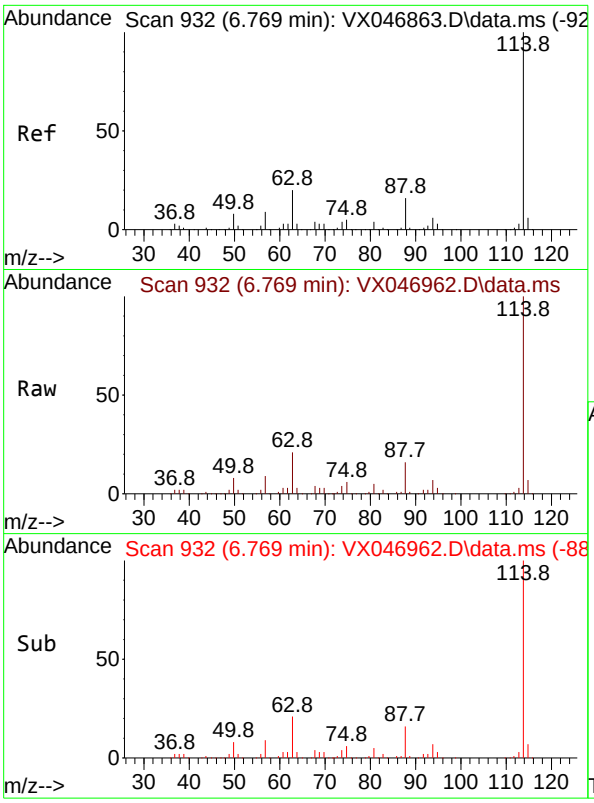


#33
1,2-Dichloroethane-d4
Concen: 51.959 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Tgt Ion: 65 Resp: 242617

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



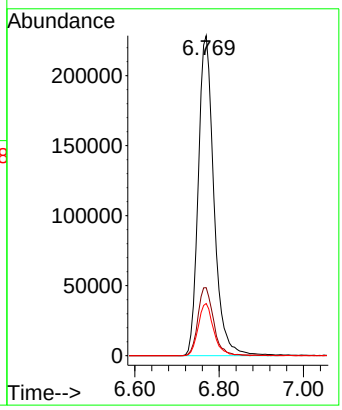


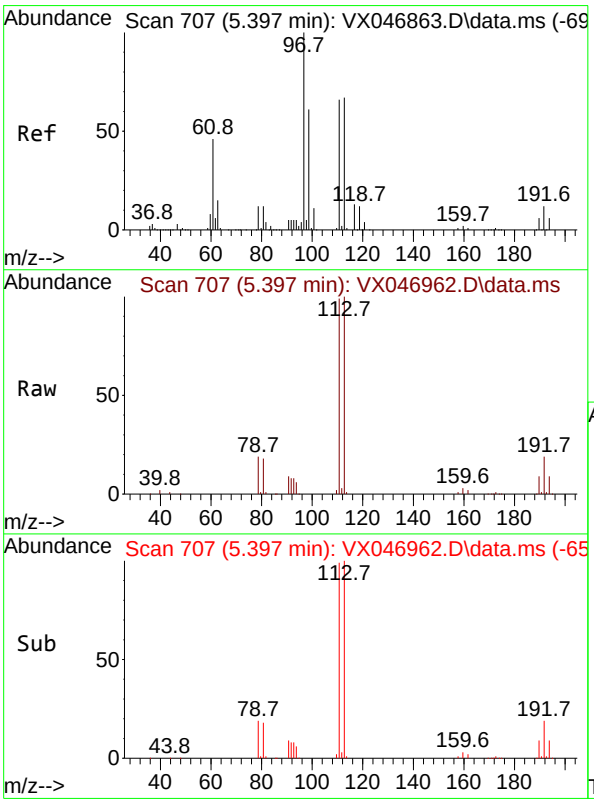
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion:114 Resp: 590149

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	16.3	0.0	31.0

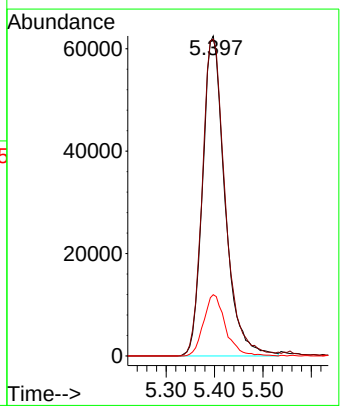


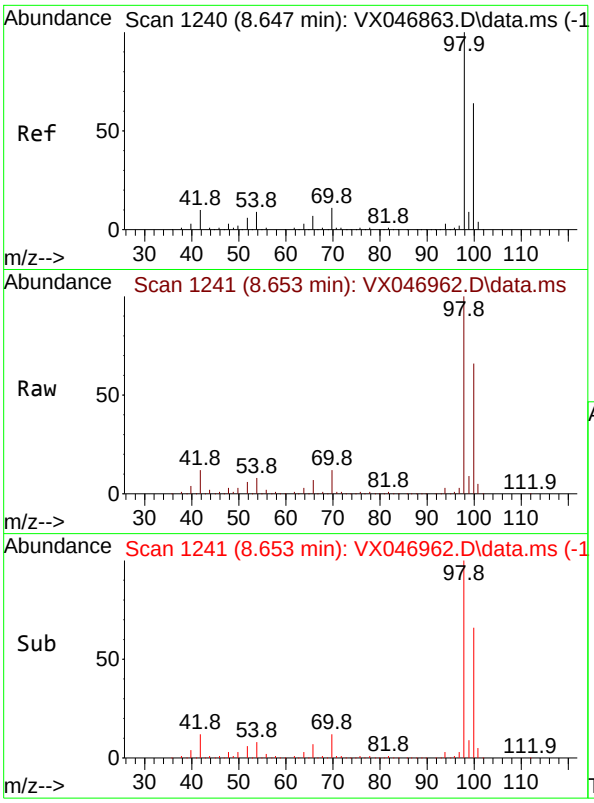


#35
Dibromofluoromethane
Concen: 49.876 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Tgt Ion:113 Resp: 199801

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	18.9	15.3	22.9



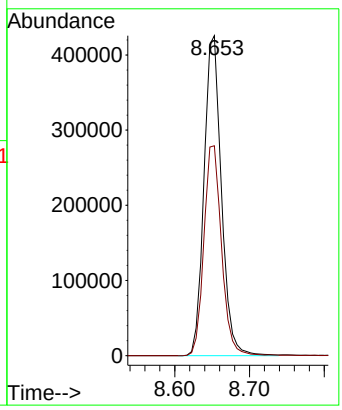


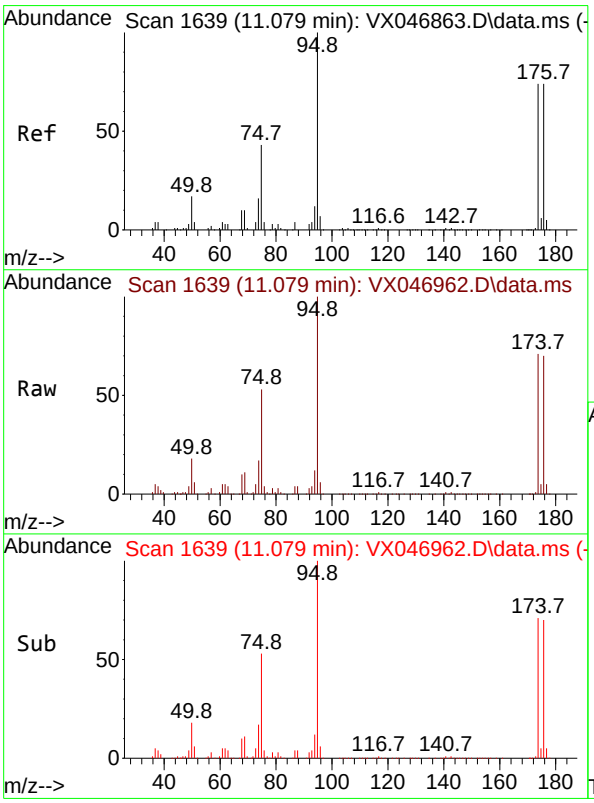
#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion: 98 Resp: 689113

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

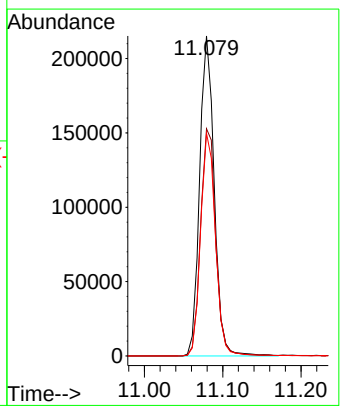


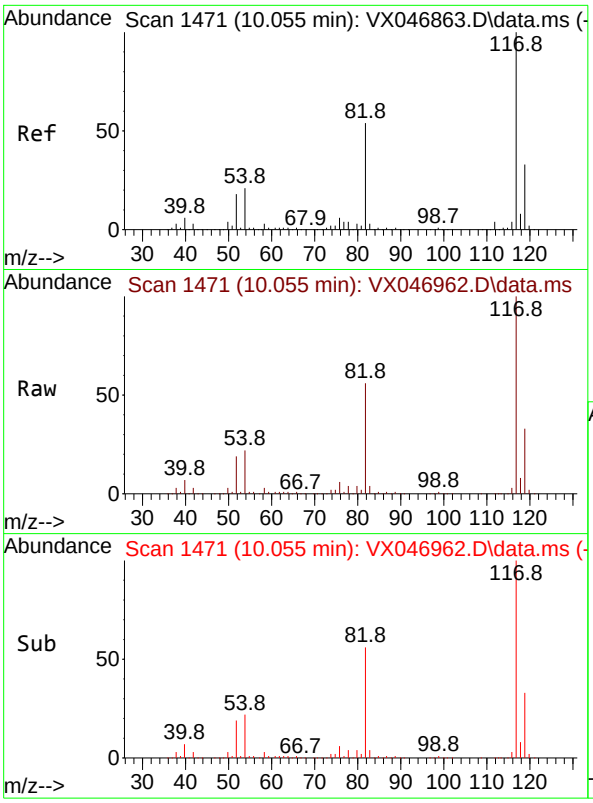


#62
4-Bromofluorobenzene
Concen: 51.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Tgt Ion: 95 Resp: 278070

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.0
176	70.9	0.0	145.2



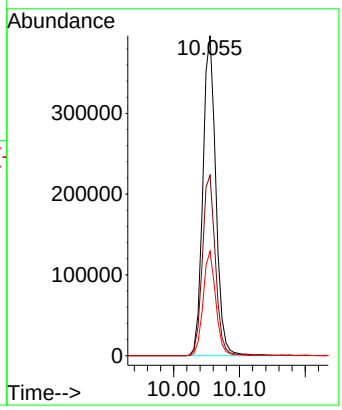


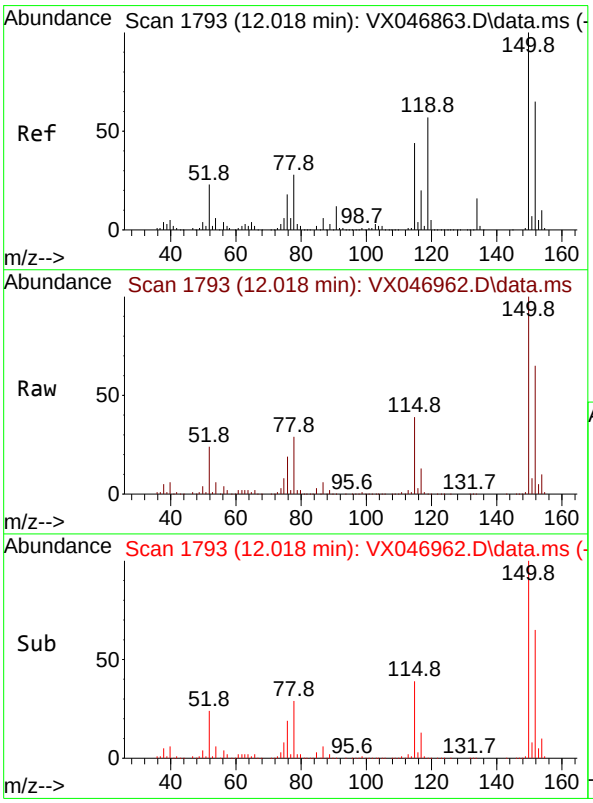
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion:117 Resp: 542379

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.6	26.4	39.6

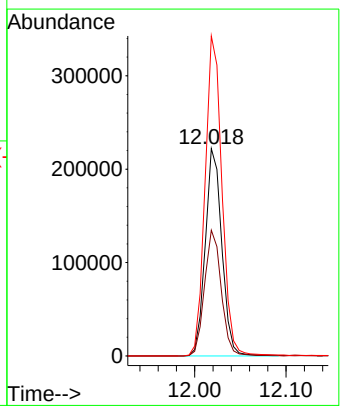




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Tgt Ion:152 Resp: 279389

Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.4	127.1
150	156.9	0.0	349.2



Sample Results: **VX046962.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	25	30	36	rBV2	8934	18729	1.01%	0.181%
2	5.397	692	707	723	rBV3	202285	654870	35.26%	6.313%
3	5.562	723	734	757	rVB	340084	1070196	57.63%	10.317%
4	5.964	789	800	819	rBV	233383	667665	35.95%	6.436%
5	6.769	923	932	954	rBV	538414	1390965	74.90%	13.409%
6	8.653	1234	1241	1260	rBV	1121731	1857000	100.00%	17.902%
7	10.055	1464	1471	1484	rBV	1213627	1682619	90.61%	16.221%
8	11.079	1634	1639	1654	rBV	1009783	1308779	70.48%	12.617%
9	12.018	1788	1793	1805	rBV	1372857	1722317	92.75%	16.604%

Sum of corrected areas: 10373140

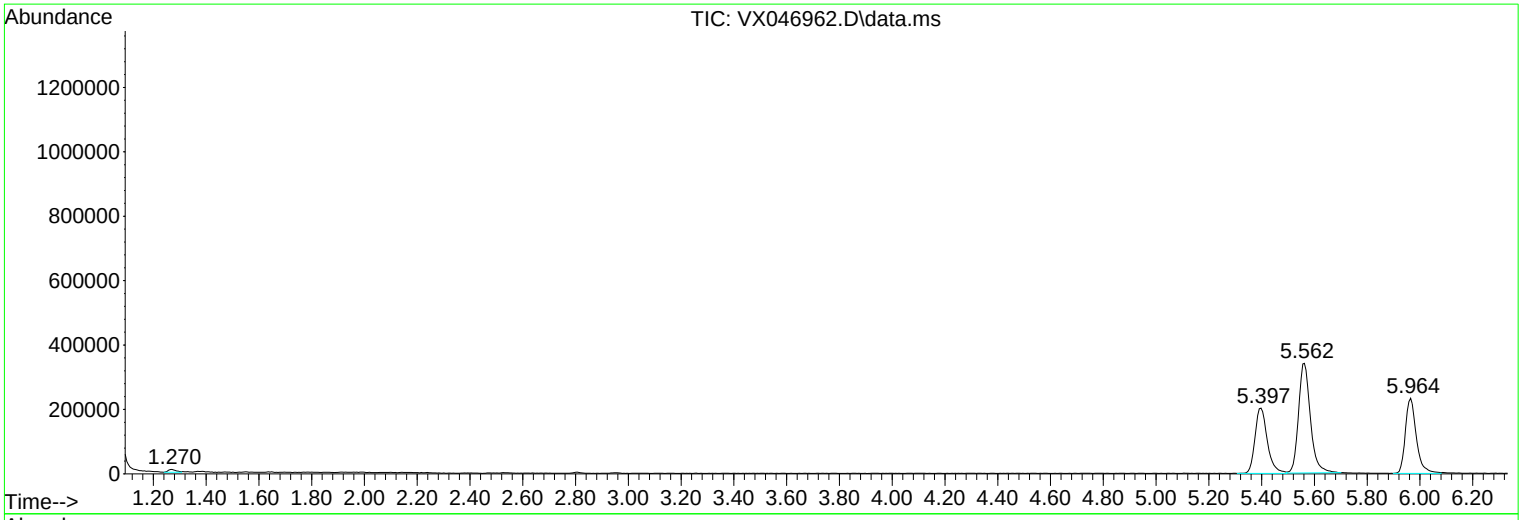
Sample Results: **VX046962.D**

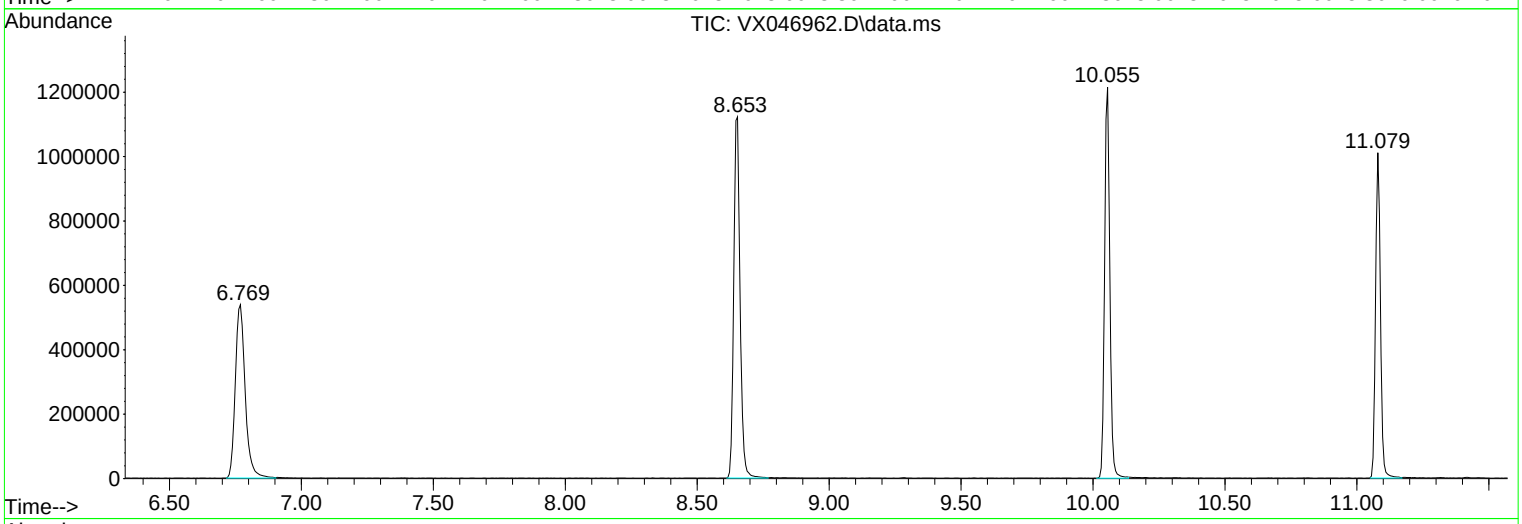
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

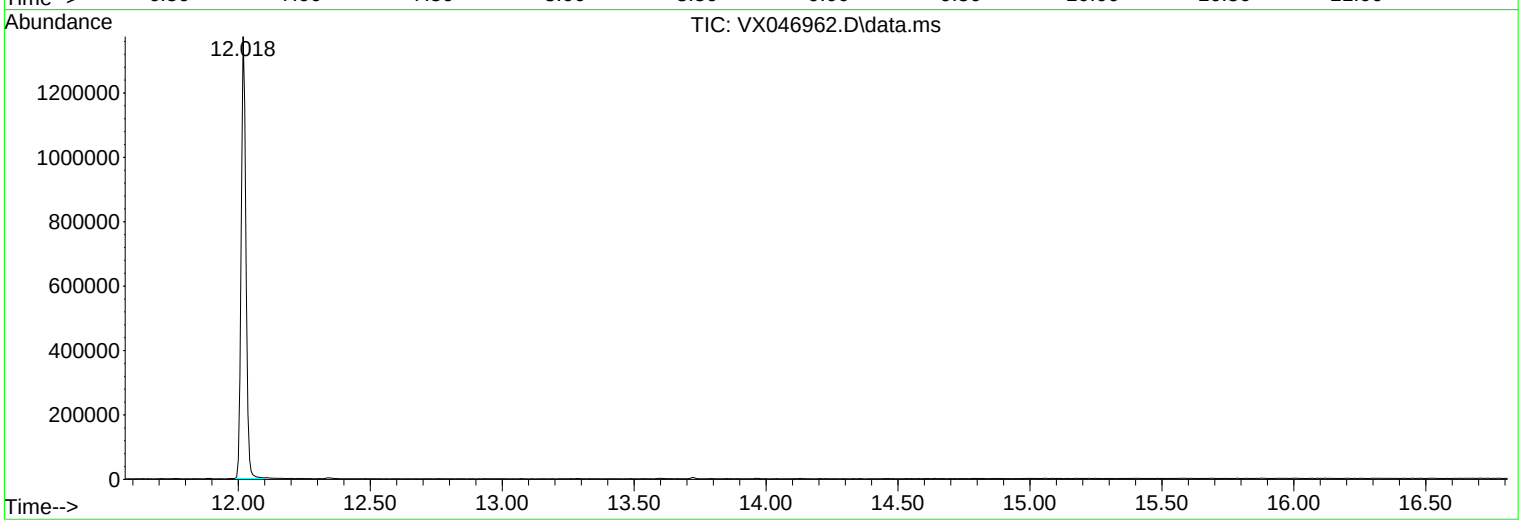
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046962.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Quant Time: Jul 08 01:42:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	359794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	659995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	632698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	266428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183707	45.748	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.500%			
35) Dibromofluoromethane	7.634	113	202436	50.435	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.880%			
50) Toluene-d8	10.109	98	810431	50.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.408	95	272718	53.264	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.520%			

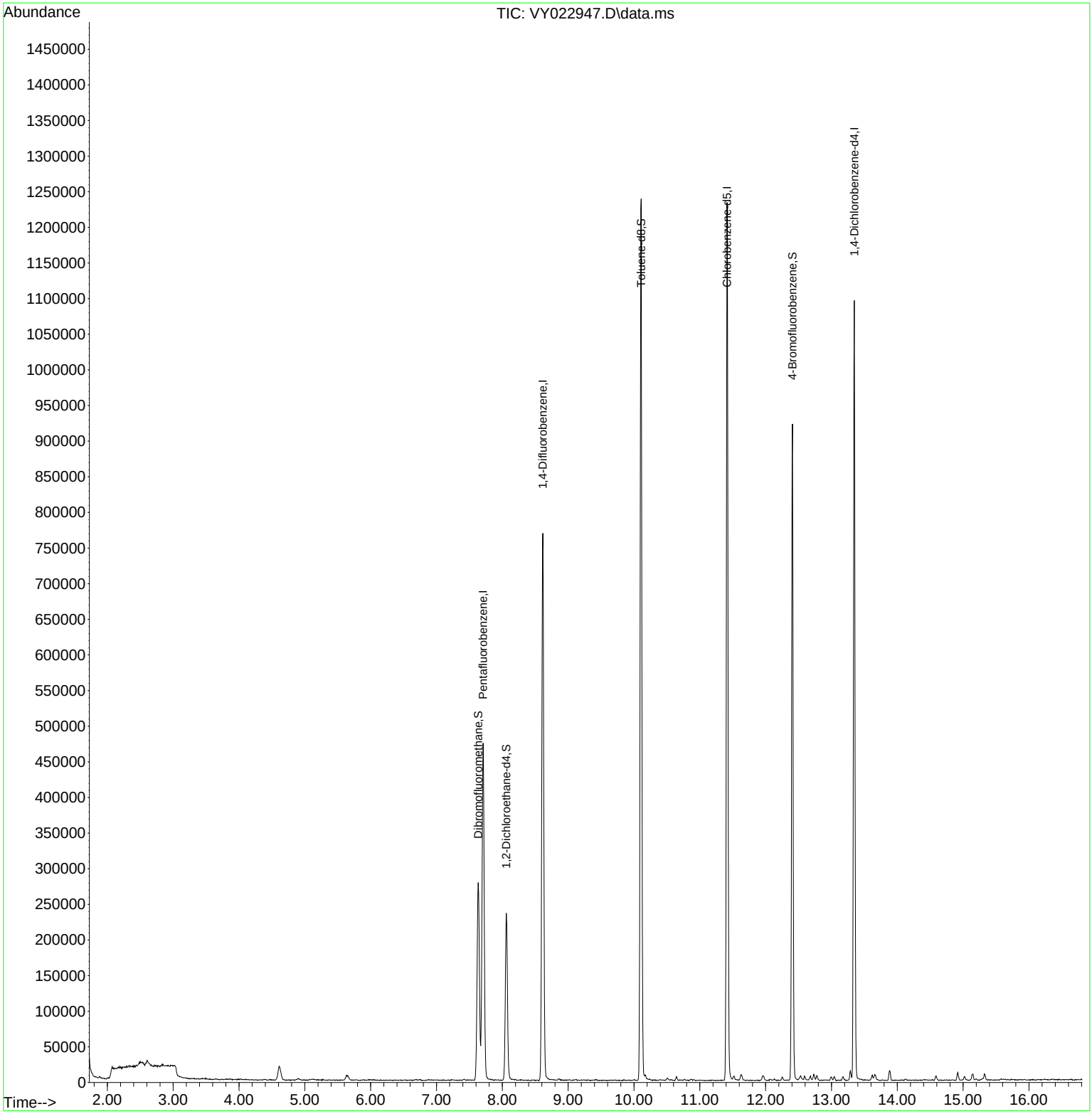
Target Compounds Qvalue

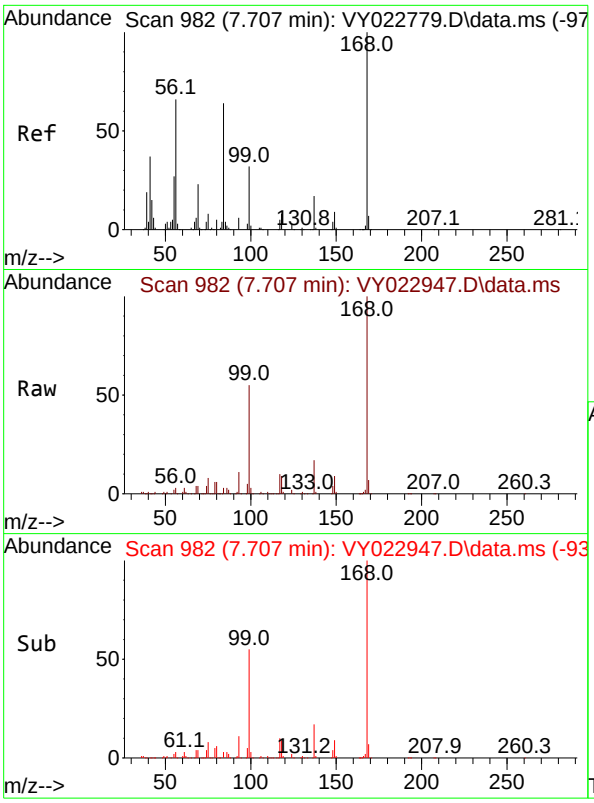
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Quant Time: Jul 08 01:42:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



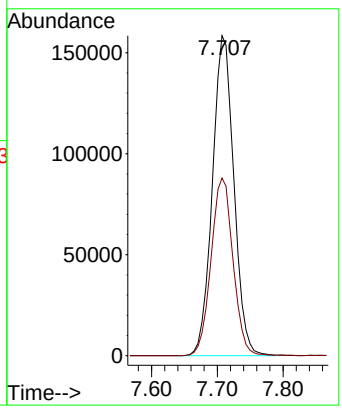


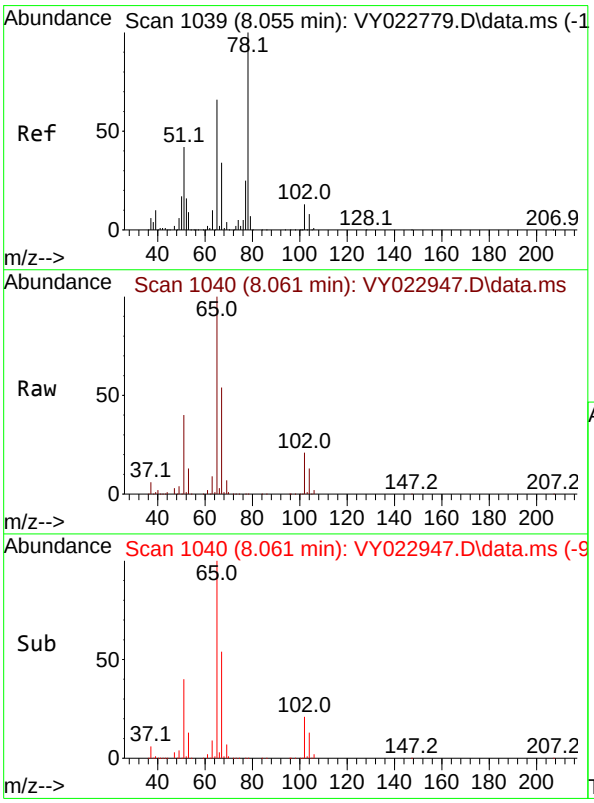
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion:168 Resp: 359794

Ion	Ratio	Lower	Upper
168	100		
99	55.5	44.3	66.5

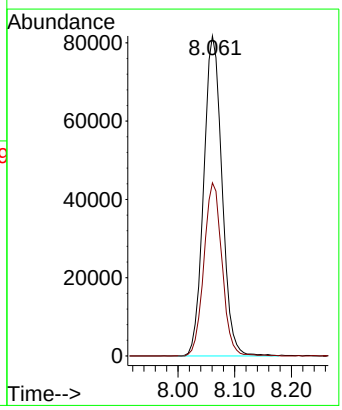


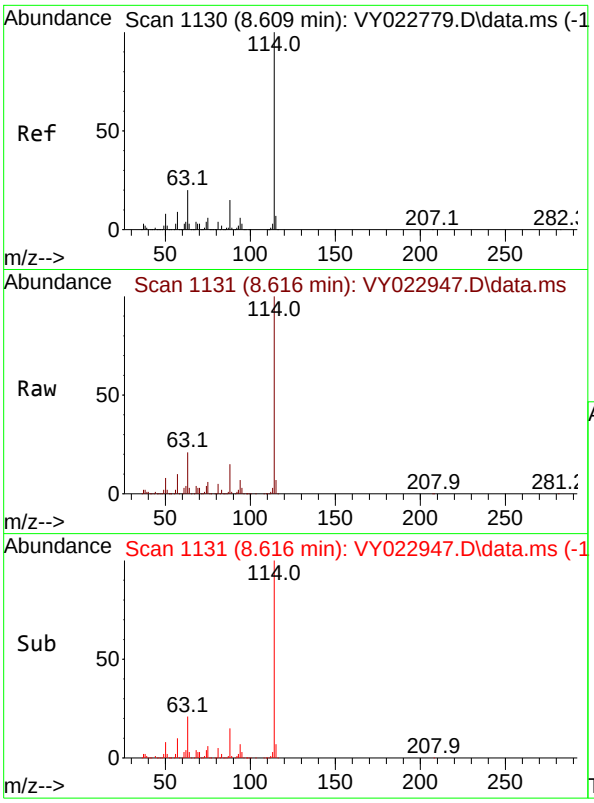


#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 65 Resp: 183707

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4



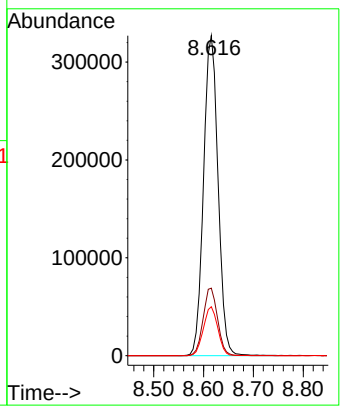


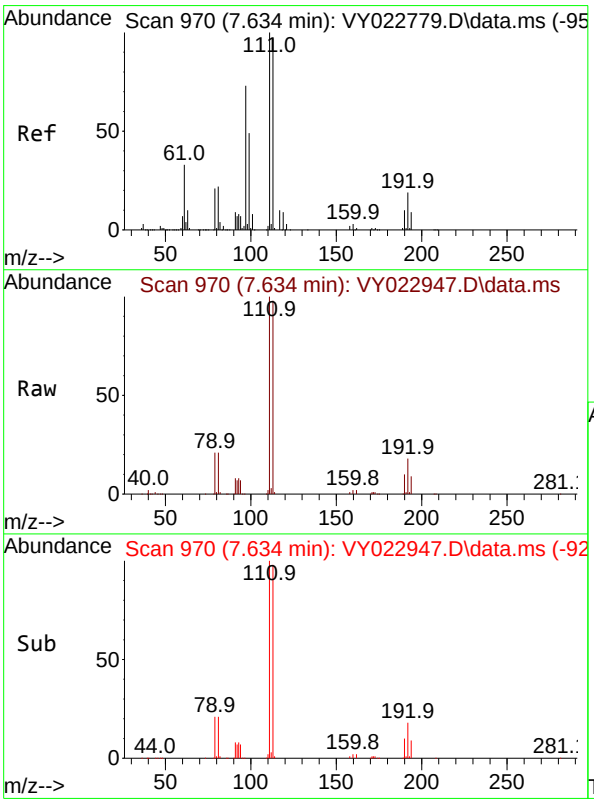
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion:114 Resp: 659995

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	15.3	0.0	27.8

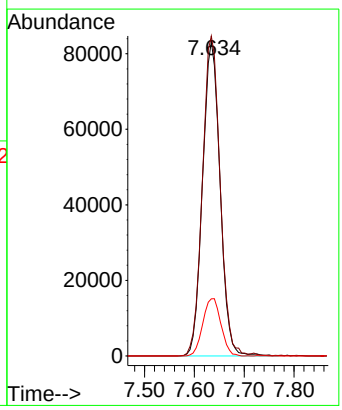


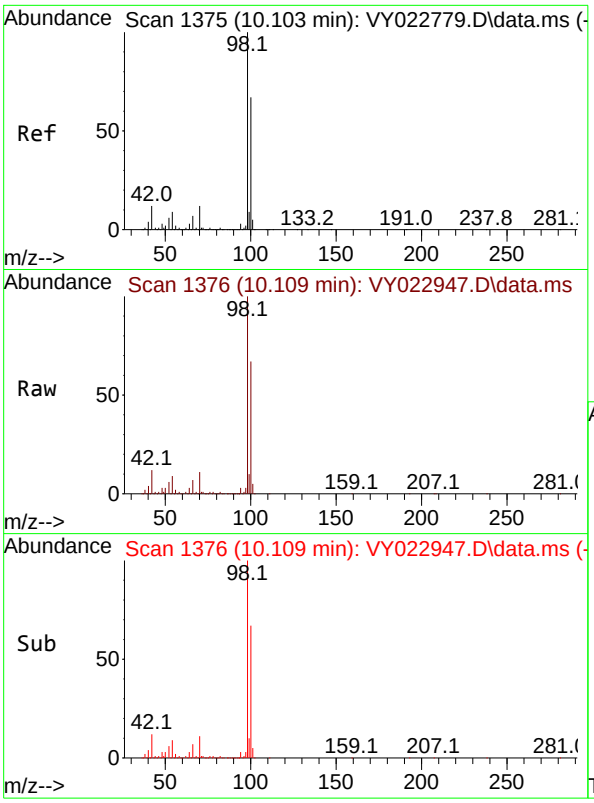


#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion:113 Resp: 202436

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	18.9	14.2	21.2



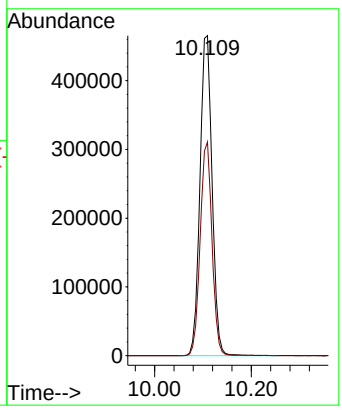


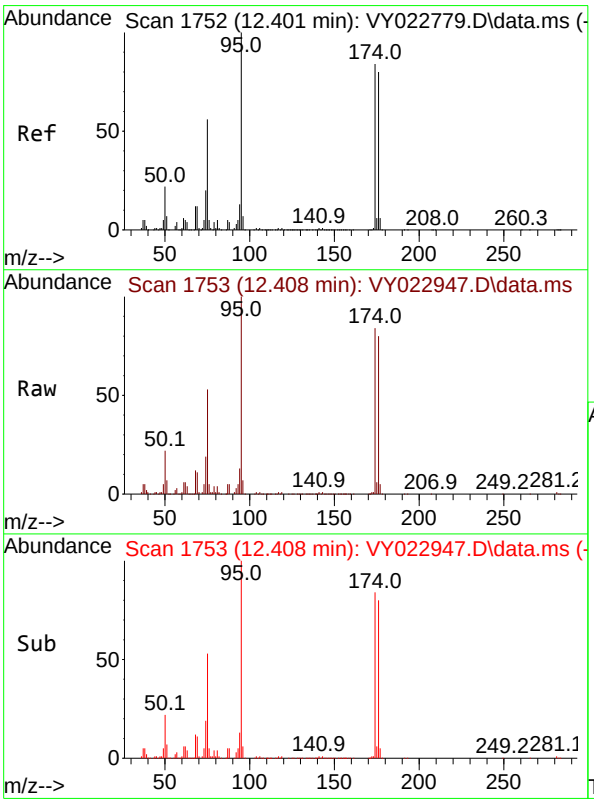
#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion: 98 Resp: 810431

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.0

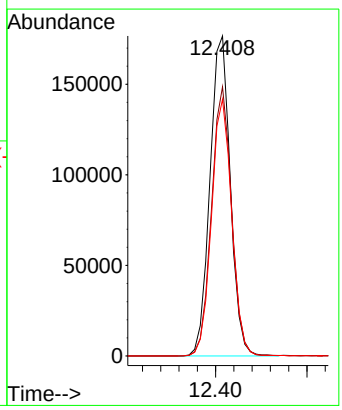


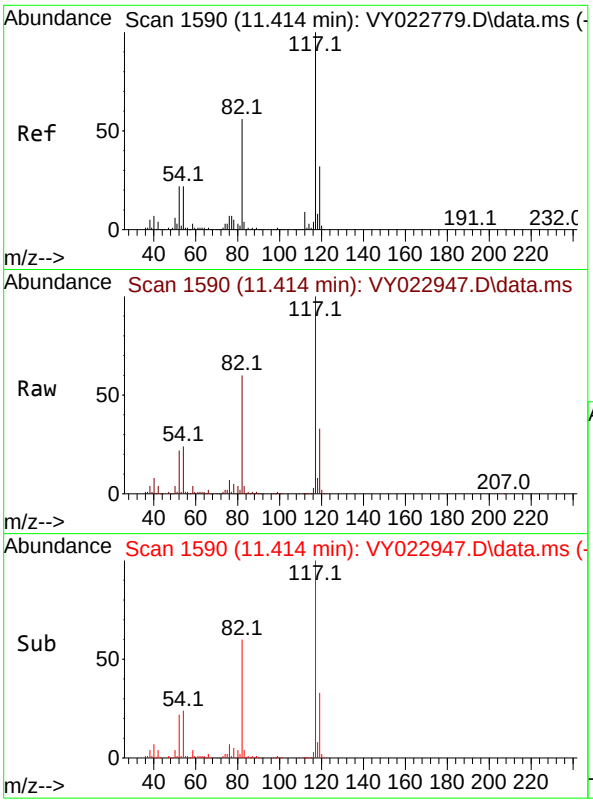


#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 95 Resp: 272718

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	170.0
176	79.9	0.0	166.2



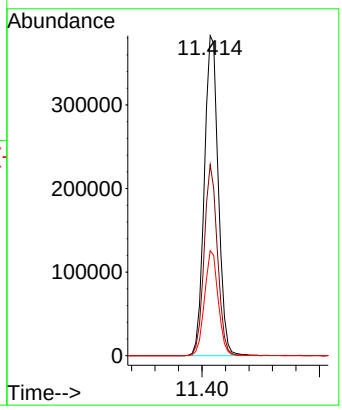


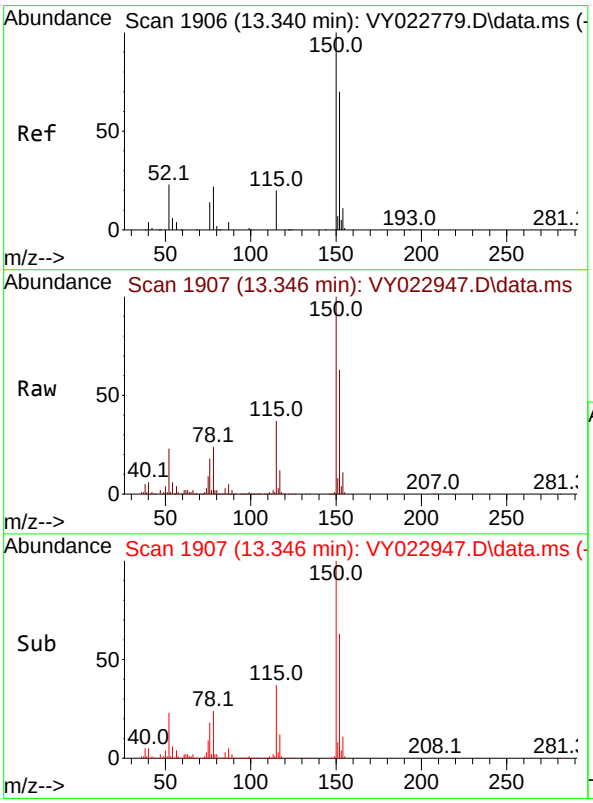
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion:117 Resp: 632698

Ion	Ratio	Lower	Upper
117	100		
82	59.7	44.6	66.8
119	32.8	25.4	38.0

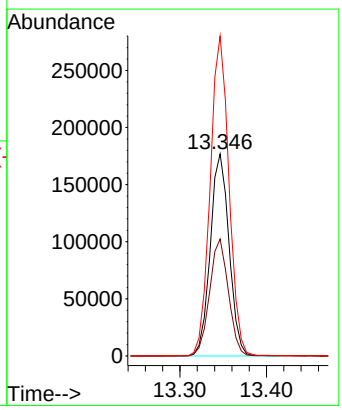




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion:152 Resp: 266428

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.7
150	158.1	0.0	349.6



Sample Results: **VY022947.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022947.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	51	58	61	rBV2	16030	37402	1.73%	0.331%
2	4.610	464	474	484	rBV2	19667	61053	2.82%	0.540%
3	7.634	961	970	976	rBV	277204	680650	31.44%	6.017%
4	7.707	976	982	995	rVB	471599	1077571	49.77%	9.526%
5	8.061	1031	1040	1053	rBV	234493	530373	24.50%	4.688%
6	8.616	1121	1131	1144	rBV	768455	1573352	72.67%	13.908%
7	10.109	1367	1376	1385	rBV	1237060	2165007	100.00%	19.138%
8	11.414	1582	1590	1603	rBV	1232030	2010675	92.87%	17.774%
9	12.408	1744	1753	1767	rBV	920998	1446673	66.82%	12.788%
10	13.285	1888	1897	1901	rBV4	13260	22160	1.02%	0.196%
11	13.346	1901	1907	1920	rVB	1093151	1683224	77.75%	14.880%
12	13.883	1988	1995	2001	rVB	13857	24196	1.12%	0.214%

Sum of corrected areas: 11312336

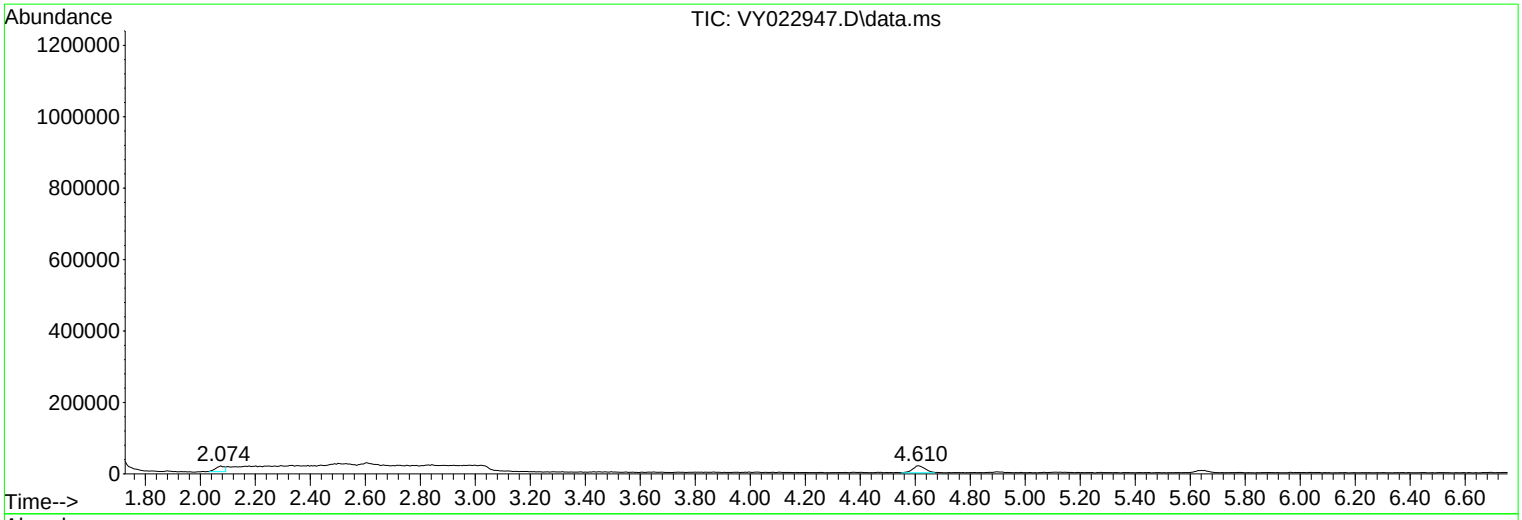
Sample Results: **VY022947.D**

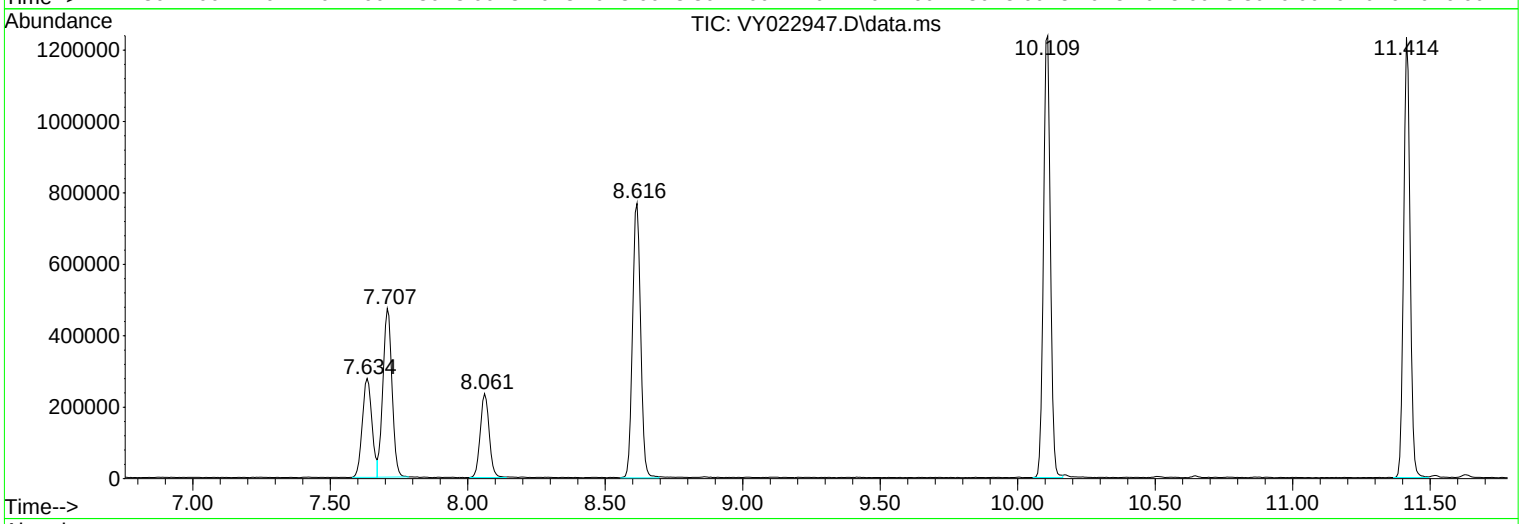
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

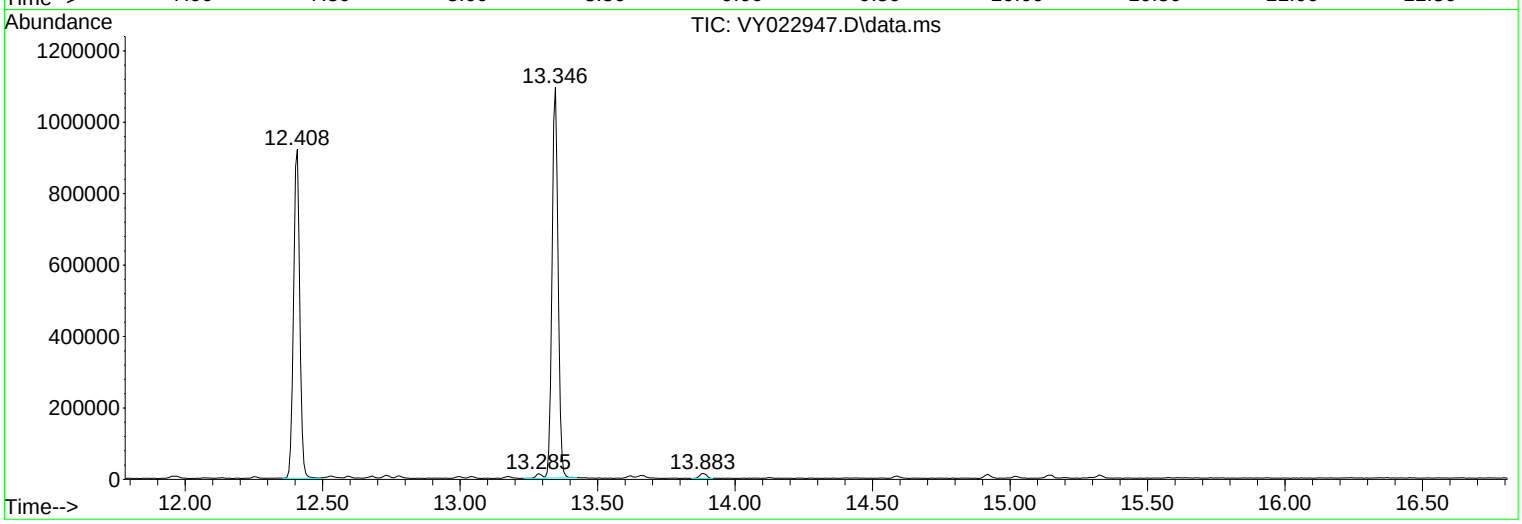
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY022947.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Quant Time: Jul 09 02:29:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	314896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	593436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	582188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	250516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174625	49.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.380%			
35) Dibromofluoromethane	7.634	113	184653	51.165	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.320%			
50) Toluene-d8	10.103	98	727091	50.771	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.402	95	252518	54.851	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.700%			

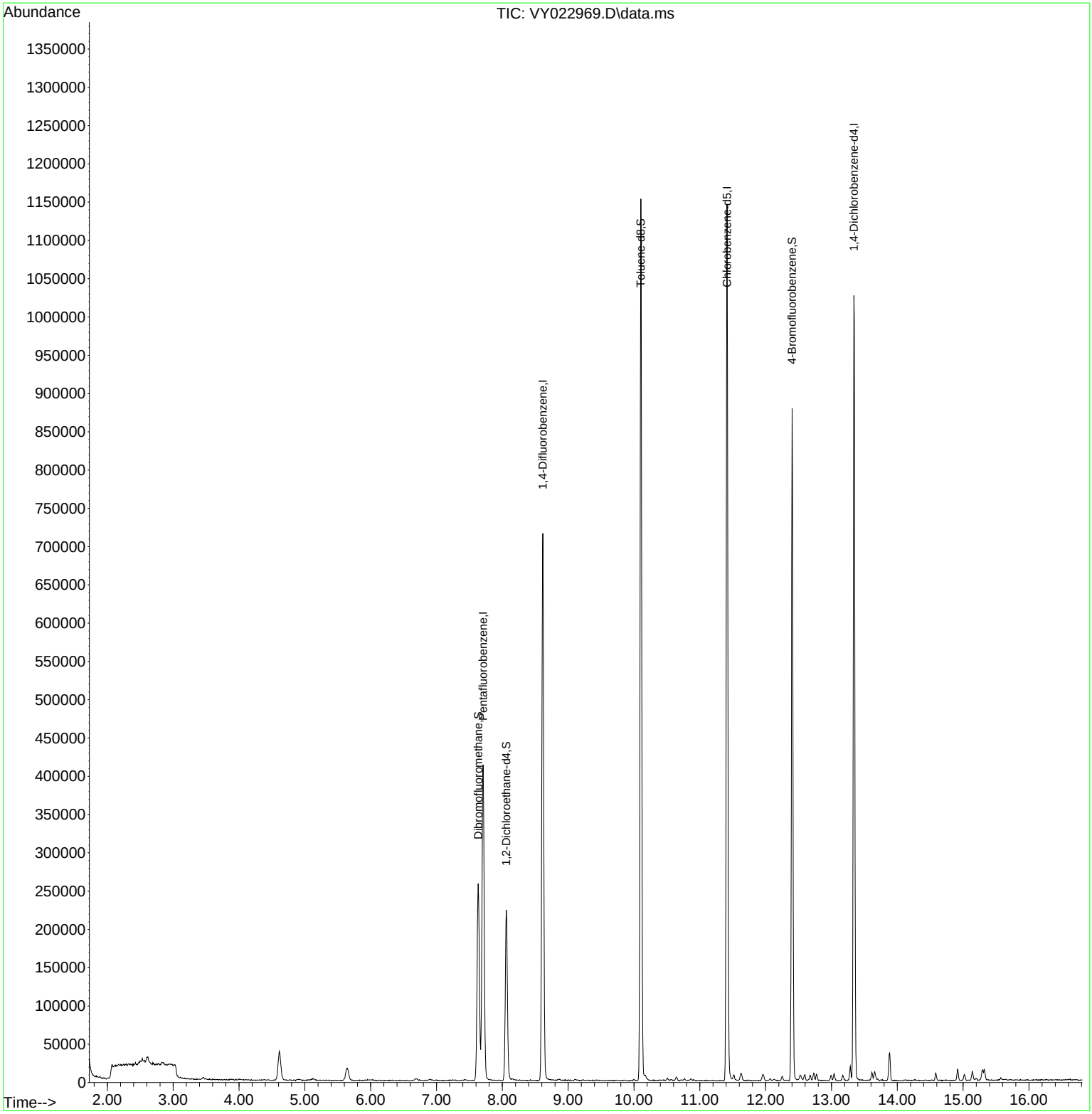
Target Compounds Qvalue

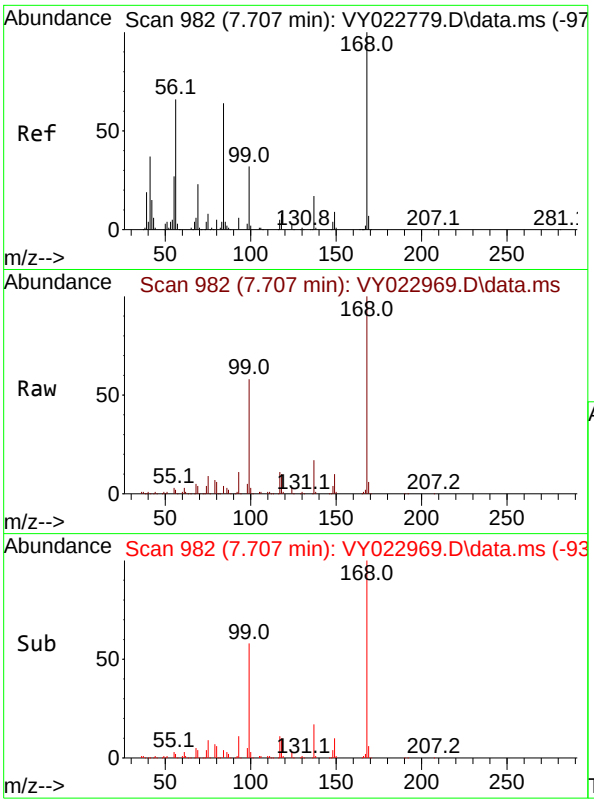
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Quant Time: Jul 09 02:29:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



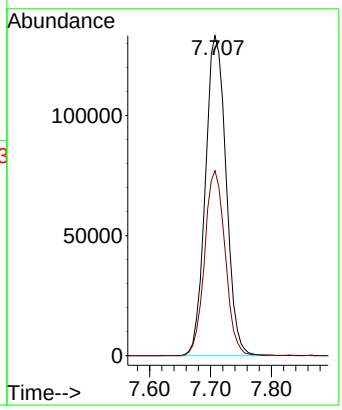


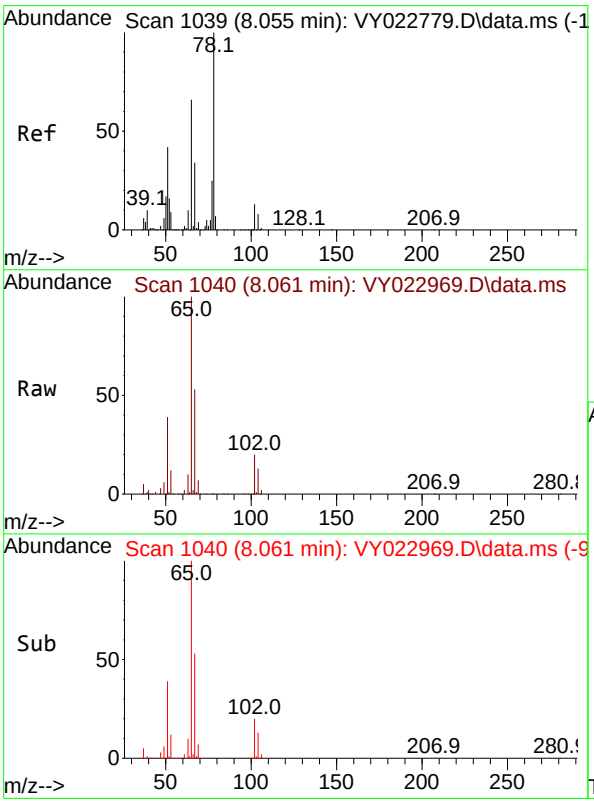
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion:168 Resp: 314896

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5

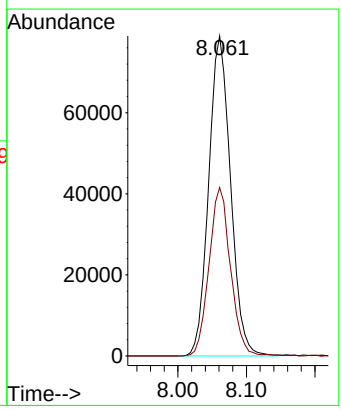


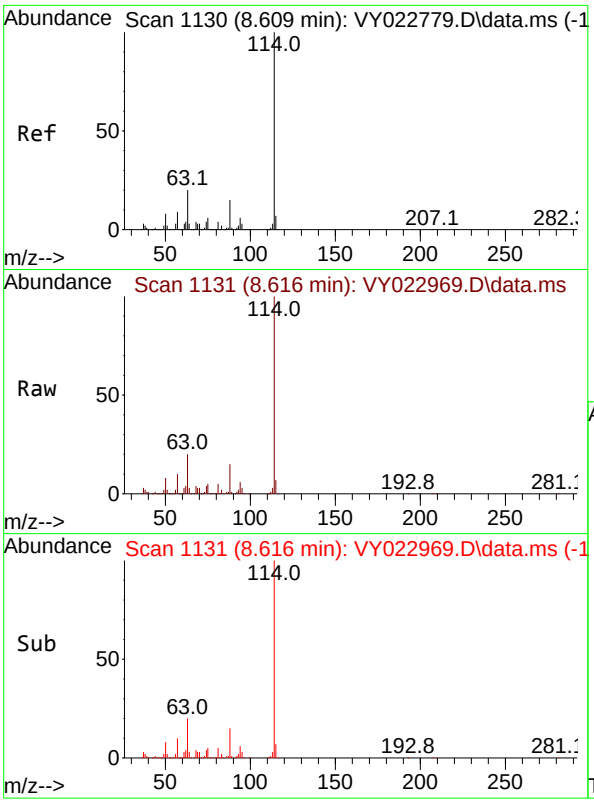


#33
1,2-Dichloroethane-d4
Concen: 49.686 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Tgt Ion: 65 Resp: 174625

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4



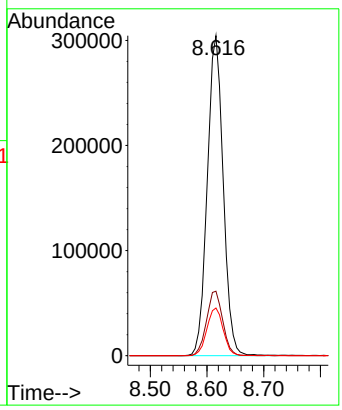


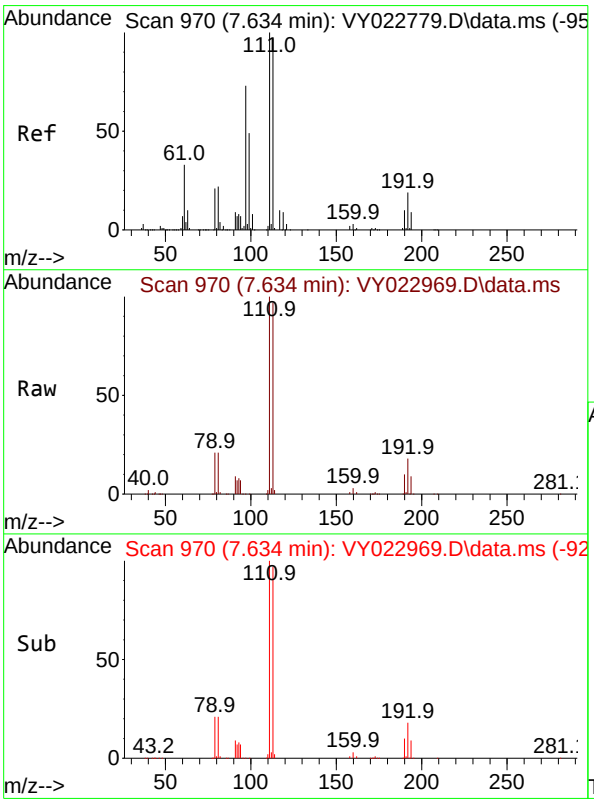
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion:114 Resp: 593436

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	14.9	0.0	27.8

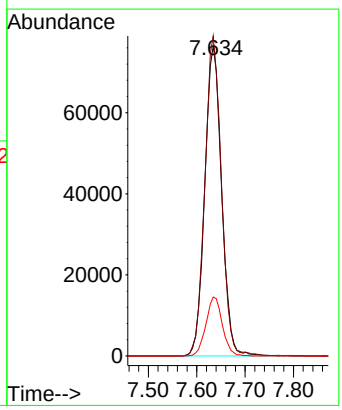


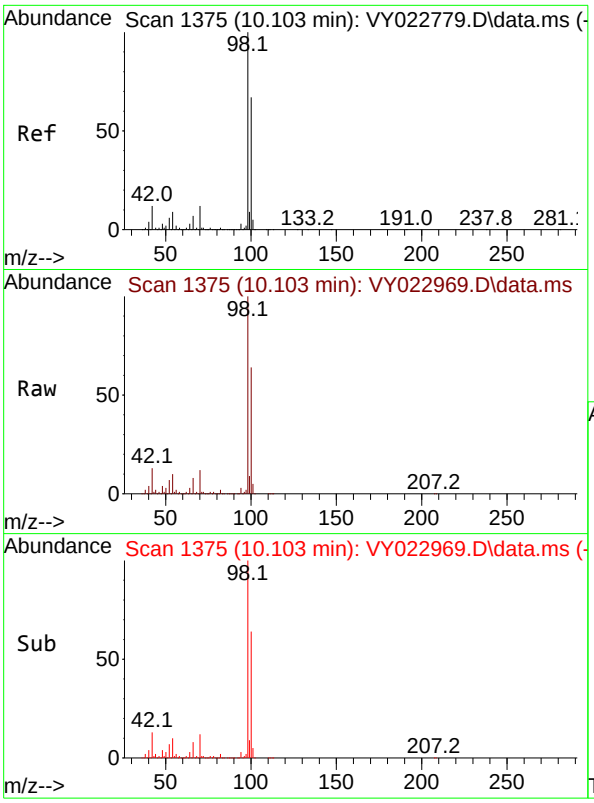


#35
Dibromofluoromethane
Concen: 51.165 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Tgt Ion:113 Resp: 184653

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	18.6	14.2	21.2



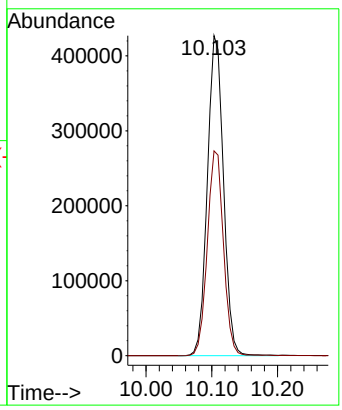


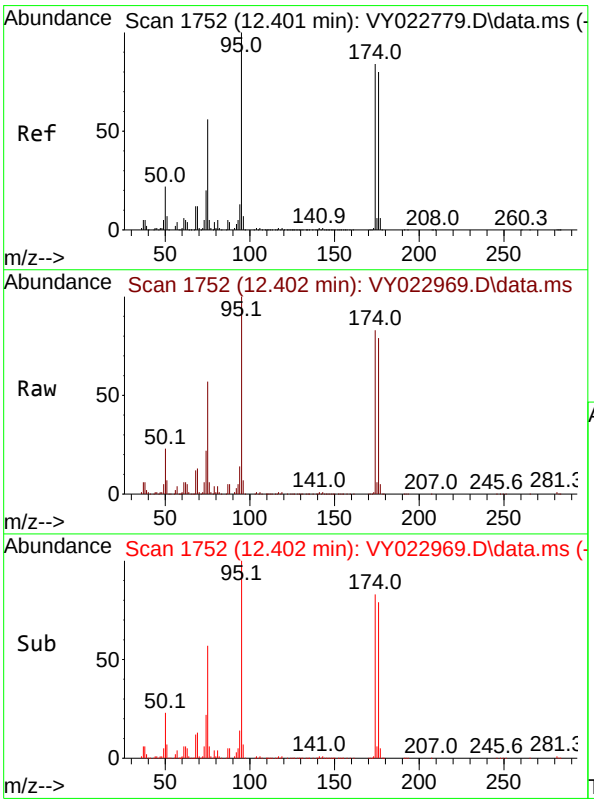
#50
Toluene-d8
Concen: 50.771 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion: 98 Resp: 727091

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

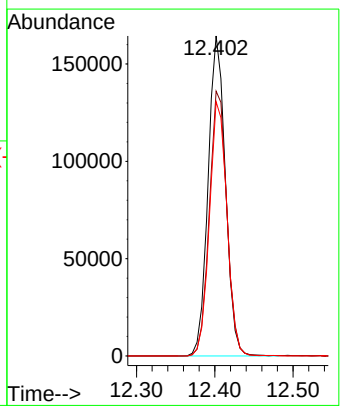


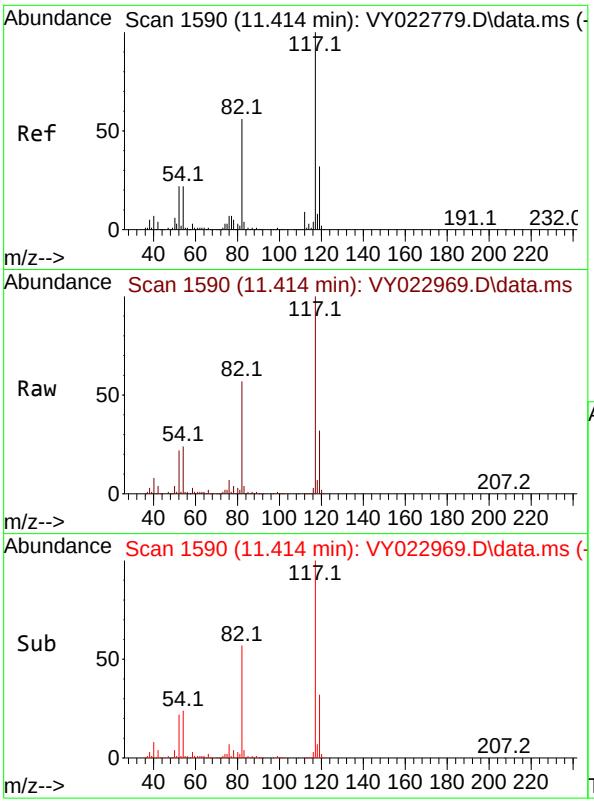


#62
4-Bromofluorobenzene
Concen: 54.851 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Tgt Ion: 95 Resp: 252518

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	170.0
176	80.4	0.0	166.2



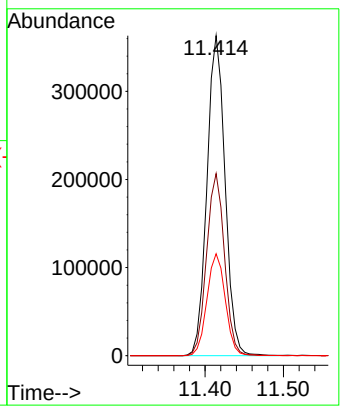


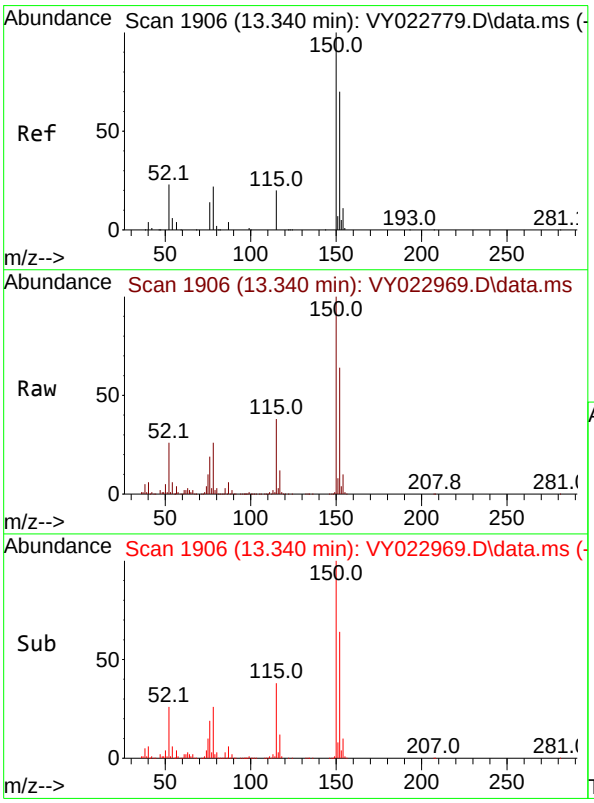
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion:117 Resp: 582188

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	66.8
119	31.9	25.4	38.0

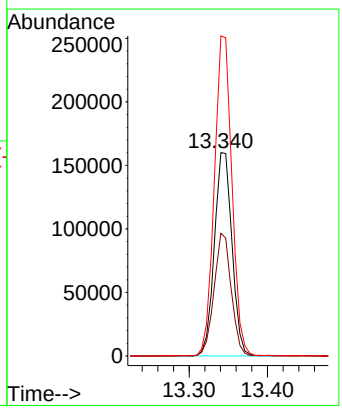




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Tgt Ion:152 Resp: 250516

Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.9	86.7
150	156.5	0.0	349.6



Sample Results: **VY022969.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	59	rBV2	17991	32482	1.66%	0.305%
2	4.610	463	474	488	rBV3	38291	113605	5.81%	1.067%
3	5.641	630	643	652	rBV3	16621	55566	2.84%	0.522%
4	7.634	960	970	976	rBV	257163	618519	31.65%	5.810%
5	7.707	976	982	998	rVB	411945	961901	49.22%	9.035%
6	8.061	1029	1040	1053	rBV	222813	504543	25.82%	4.739%
7	8.616	1120	1131	1145	rBV	715162	1416643	72.48%	13.307%
8	10.103	1366	1375	1384	rBV	1151840	1954411	100.00%	18.358%
9	11.414	1581	1590	1602	rBV	1144719	1858939	95.12%	17.461%
10	11.627	1618	1625	1631	rVB3	9374	20020	1.02%	0.188%
11	12.402	1744	1752	1765	rBV	878028	1369079	70.05%	12.860%
12	13.286	1890	1897	1900	rBV3	18142	26407	1.35%	0.248%
13	13.340	1900	1906	1915	rVB	1023517	1598230	81.78%	15.012%
14	13.883	1987	1995	2002	rBV2	36239	62574	3.20%	0.588%
15	14.919	2155	2165	2170	rBV3	15067	24939	1.28%	0.234%
16	15.297	2218	2227	2229	rBV	13837	28146	1.44%	0.264%

Sum of corrected areas: 10646004

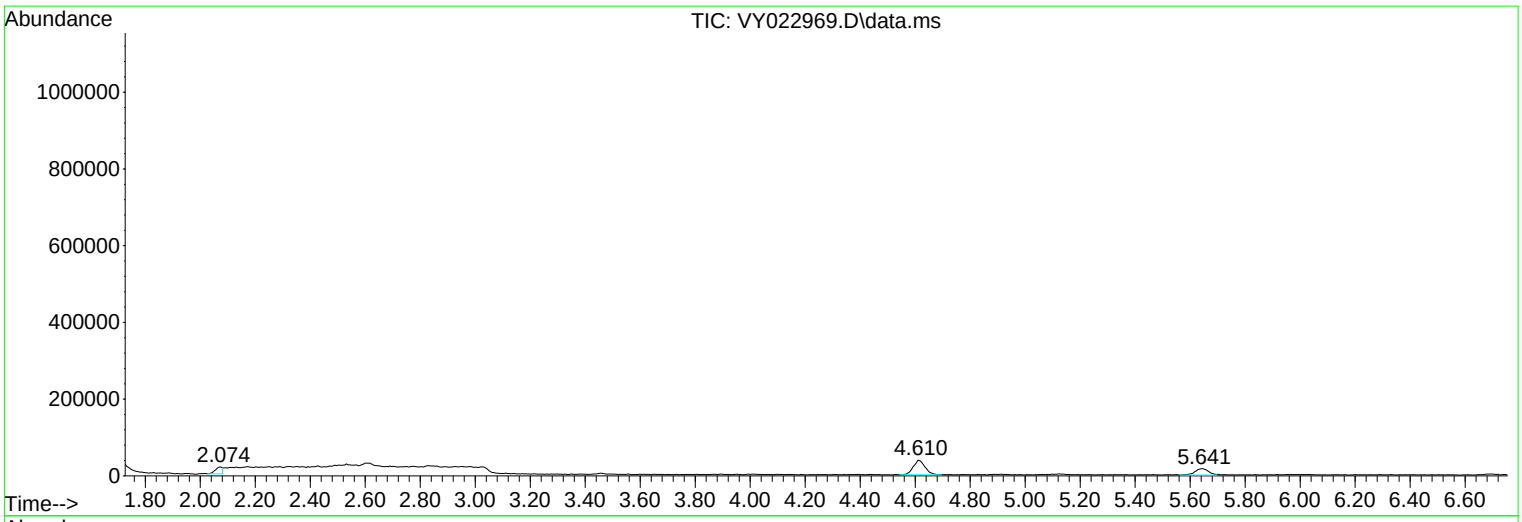
Sample Results: **VY022969.D**

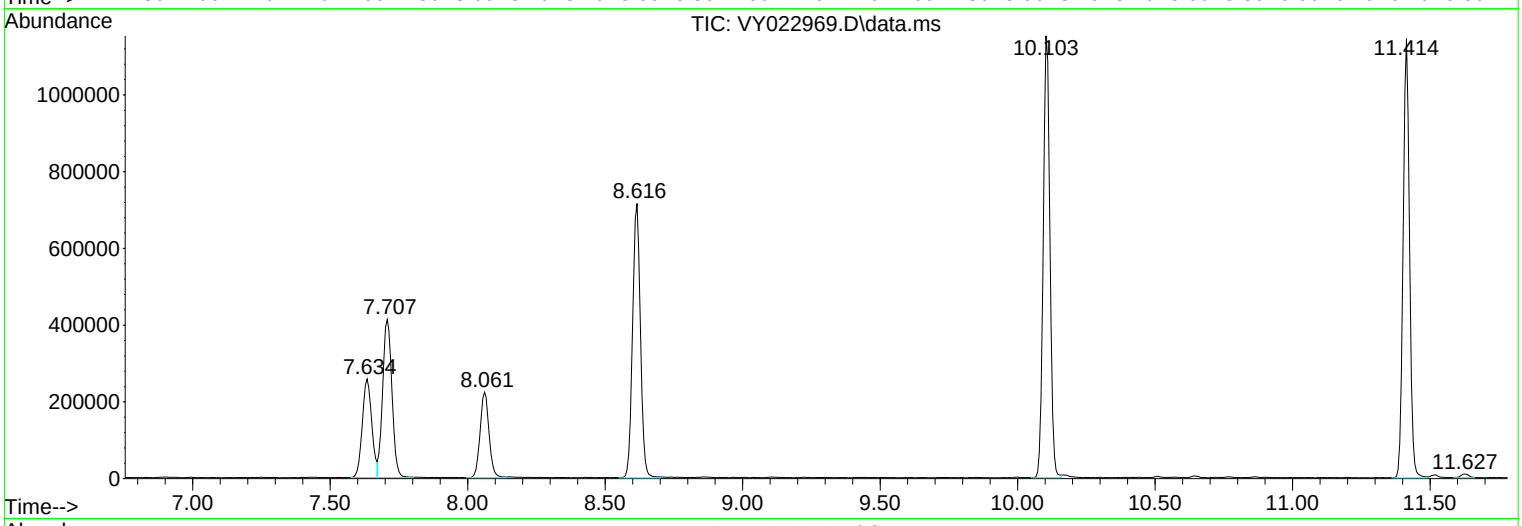
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

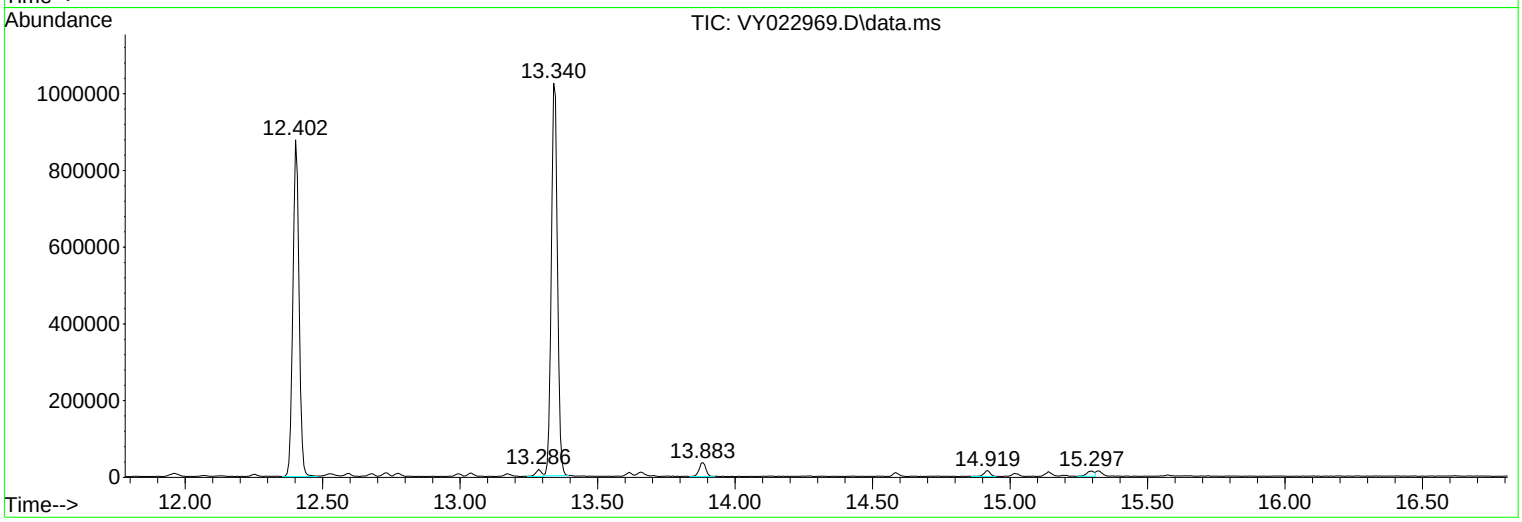
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY022969.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031769.D
Acq On : 09 Jul 2025 11:34
Operator : SY/MD
Sample : VW0709SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 10 01:21:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.953	168	187242	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	349121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	314319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	151914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157659	58.672	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.340%			
35) Dibromofluoromethane	7.898	113	131409	57.682	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 115.360%			
50) Toluene-d8	10.325	98	496546	58.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 117.140%			
62) 4-Bromofluorobenzene	12.617	95	185749	59.537	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 119.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	30498	23.916	ug/l	96
3) Chloromethane	2.253	50	35978	23.402	ug/l	99
4) Vinyl Chloride	2.405	62	48700	24.101	ug/l	99
5) Bromomethane	2.820	94	36692	23.248	ug/l	95
6) Chloroethane	2.972	64	31812	23.177	ug/l	97
7) Trichlorofluoromethane	3.308	101	38200	20.816	ug/l	96
8) Diethyl Ether	3.716	74	31449	22.553	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.106	101	48613	23.866	ug/l	99
10) Methyl Iodide	4.307	142	75344	23.994	ug/l	99
11) Tert butyl alcohol	5.210	59	18323	110.064	ug/l	100
12) 1,1-Dichloroethene	4.076	96	53098	23.799	ug/l	95
13) Acrolein	3.930	56	29510	98.626	ug/l	99
14) Allyl chloride	4.704	41	82449	24.085	ug/l	98
15) Acrylonitrile	5.399	53	80530	117.436	ug/l	99
16) Acetone	4.161	43	83385	125.546	ug/l	99
17) Carbon Disulfide	4.417	76	135975	22.775	ug/l	96
18) Methyl Acetate	4.704	43	43845	23.098	ug/l	97
19) Methyl tert-butyl Ether	5.454	73	92455	24.415	ug/l	99
20) Methylene Chloride	4.948	84	97436	35.217	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	57363	24.197	ug/l	94
22) Diisopropyl ether	6.338	45	165350	24.767	ug/l	98
23) Vinyl Acetate	6.283	43	549082	120.408	ug/l	100
24) 1,1-Dichloroethane	6.240	63	104474	24.137	ug/l	98
25) 2-Butanone	7.191	43	110170	127.500	ug/l	98
26) 2,2-Dichloropropane	7.185	77	60170	23.826	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	67561	24.792	ug/l	96
28) Bromochloromethane	7.533	49	46456	24.322	ug/l	97
29) Tetrahydrofuran	7.551	42	70227	118.678	ug/l	100
30) Chloroform	7.691	83	111822	24.313	ug/l	99
31) Cyclohexane	7.971	56	91035	23.793	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	87206	24.604	ug/l	98
36) 1,1-Dichloropropene	8.093	75	76173	23.106	ug/l	99
37) Ethyl Acetate	7.270	43	46884	22.545	ug/l	100
38) Carbon Tetrachloride	8.081	117	76985	22.917	ug/l	98
39) Methylcyclohexane	9.343	83	93966	22.910	ug/l	98
40) Benzene	8.337	78	232923	23.881	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031769.D
Acq On : 09 Jul 2025 11:34
Operator : SY/MD
Sample : VW0709SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 10 01:21:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	26974	24.213	ug/l		98
42) 1,2-Dichloroethane	8.410	62	77120	23.401	ug/l		99
43) Isopropyl Acetate	8.435	43	81994	22.873	ug/l		100
44) Trichloroethene	9.105	130	55229	22.687	ug/l		99
45) 1,2-Dichloropropane	9.374	63	55481	23.536	ug/l		99
46) Dibromomethane	9.465	93	35952	23.624	ug/l		99
47) Bromodichloromethane	9.648	83	83273	23.334	ug/l		97
48) Methyl methacrylate	9.441	41	38856	22.044	ug/l		96
49) 1,4-Dioxane	9.459	88	5996	336.398	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.209	43	239822	116.368	ug/l		100
52) Toluene	10.392	92	150402	24.085	ug/l		95
53) t-1,3-Dichloropropene	10.605	75	78296	23.383	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	89225	23.506	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	47232	23.693	ug/l		95
56) Ethyl methacrylate	10.648	69	62538	23.123	ug/l		99
57) 1,3-Dichloropropane	10.934	76	82201	23.486	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	176870	118.765	ug/l		98
59) 2-Hexanone	10.971	43	167142	119.682	ug/l		100
60) Dibromochloromethane	11.129	129	53191	22.313	ug/l		98
61) 1,2-Dibromoethane	11.239	107	47574	23.839	ug/l		98
64) Tetrachloroethene	10.861	164	48674	23.674	ug/l		94
65) Chlorobenzene	11.654	112	164803	23.764	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	51472	23.291	ug/l		99
67) Ethyl Benzene	11.727	91	277629	23.087	ug/l		98
68) m/p-Xylenes	11.837	106	216535	46.841	ug/l		99
69) o-Xylene	12.160	106	101509	23.716	ug/l		95
70) Styrene	12.178	104	177024	23.924	ug/l		99
71) Bromoform	12.349	173	31267	23.717	ug/l	#	97
73) Isopropylbenzene	12.458	105	262586	22.724	ug/l		100
74) N-amyl acetate	12.269	43	69133	22.197	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	59697	23.270	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	45869m	23.365	ug/l		
77) Bromobenzene	12.745	156	60417	23.442	ug/l		89
78) n-propylbenzene	12.800	91	330089	23.855	ug/l		99
79) 2-Chlorotoluene	12.891	91	196008	23.523	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	227770	23.813	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	17996	21.351	ug/l		95
82) 4-Chlorotoluene	12.983	91	203312	23.241	ug/l		99
83) tert-Butylbenzene	13.202	119	192492	23.494	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	226061	23.326	ug/l		99
85) sec-Butylbenzene	13.379	105	292468	23.782	ug/l		100
86) p-Isopropyltoluene	13.495	119	237925	23.475	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	124488	24.086	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	123994	23.438	ug/l		96
89) n-Butylbenzene	13.818	91	226293	22.980	ug/l		100
90) Hexachloroethane	14.086	117	42163	23.059	ug/l		97
91) 1,2-Dichlorobenzene	13.861	146	114797	24.301	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10990	21.940	ug/l		97
93) 1,2,4-Trichlorobenzene	15.123	180	70459	24.185	ug/l		96
94) Hexachlorobutadiene	15.220	225	33007	23.462	ug/l		89
95) Naphthalene	15.360	128	158962	22.256	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	62603	23.386	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031769.D
Acq On : 09 Jul 2025 11:34
Operator : SY/MD
Sample : VW0709SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 10 01:21:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

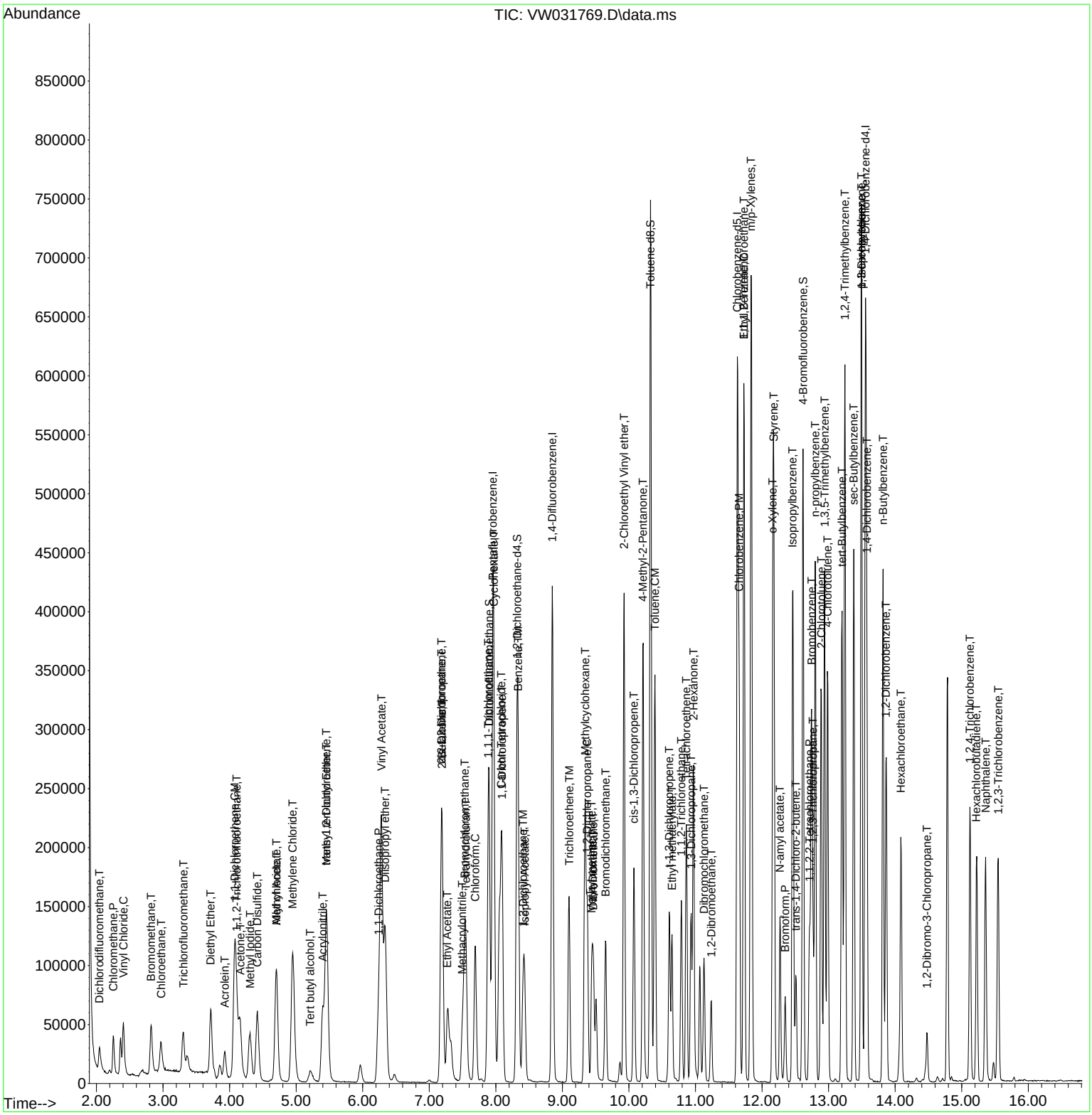
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031769.D
Acq On : 09 Jul 2025 11:34
Operator : SY/MD
Sample : VW0709SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 10 01:21:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031793.D
Acq On : 10 Jul 2025 11:05
Operator : SY/MD
Sample : VW0710SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 02:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	227800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	411611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	356304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159491	48.786	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 97.580%			
35) Dibromofluoromethane	7.904	113	127793	47.578	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.160%			
50) Toluene-d8	10.331	98	492896	49.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.617	95	188760	51.317	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	28672	18.481	ug/l	97
3) Chloromethane	2.259	50	36132	19.318	ug/l	100
4) Vinyl Chloride	2.405	62	49314	20.060	ug/l	99
5) Bromomethane	2.826	94	36183	18.843	ug/l	99
6) Chloroethane	2.972	64	32708	19.587	ug/l	96
7) Trichlorofluoromethane	3.308	101	40846	18.295	ug/l	96
8) Diethyl Ether	3.728	74	32965	19.431	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.112	101	47864	19.315	ug/l	99
10) Methyl Iodide	4.313	142	73757	19.306	ug/l	100
11) Tert butyl alcohol	5.222	59	18221	89.964	ug/l	98
12) 1,1-Dichloroethene	4.082	96	54927	20.236	ug/l	95
13) Acrolein	3.935	56	27559	75.707	ug/l	97
14) Allyl chloride	4.710	41	84175	20.212	ug/l	98
15) Acrylonitrile	5.405	53	78337	93.899	ug/l	99
16) Acetone	4.167	43	82057	101.550	ug/l	98
17) Carbon Disulfide	4.423	76	135639	18.674	ug/l	97
18) Methyl Acetate	4.716	43	40980	17.745	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	97453	21.153	ug/l	97
20) Methylene Chloride	4.954	84	86741	24.344	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	57914	20.080	ug/l	96
22) Diisopropyl ether	6.344	45	178983	22.036	ug/l	95
23) Vinyl Acetate	6.289	43	573681	103.404	ug/l	99
24) 1,1-Dichloroethane	6.246	63	107072	20.333	ug/l	98
25) 2-Butanone	7.203	43	113760	108.215	ug/l	93
26) 2,2-Dichloropropane	7.191	77	61808	20.117	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	68850	20.767	ug/l	98
28) Bromochloromethane	7.532	49	46935	20.197	ug/l	99
29) Tetrahydrofuran	7.557	42	70344	97.711	ug/l	98
30) Chloroform	7.697	83	118527	21.182	ug/l	99
31) Cyclohexane	7.971	56	94163	20.229	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	85287	19.778	ug/l	99
36) 1,1-Dichloropropene	8.099	75	80231	20.643	ug/l	99
37) Ethyl Acetate	7.282	43	49109	20.030	ug/l	98
38) Carbon Tetrachloride	8.087	117	77589	19.590	ug/l	93
39) Methylcyclohexane	9.343	83	98634	20.397	ug/l	97
40) Benzene	8.337	78	239525	20.830	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031793.D
Acq On : 10 Jul 2025 11:05
Operator : SY/MD
Sample : VW0710SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 02:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	27114	20.644	ug/l		98
42) 1,2-Dichloroethane	8.416	62	79451	20.448	ug/l		98
43) Isopropyl Acetate	8.441	43	84356	19.959	ug/l		99
44) Trichloroethene	9.105	130	58660	20.438	ug/l		96
45) 1,2-Dichloropropane	9.380	63	58767	21.145	ug/l		98
46) Dibromomethane	9.465	93	36342	20.254	ug/l		98
47) Bromodichloromethane	9.648	83	85402	20.298	ug/l		95
48) Methyl methacrylate	9.447	41	40682	19.576	ug/l		98
49) 1,4-Dioxane	9.465	88	7968	379.166	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.215	43	243938	100.395	ug/l		99
52) Toluene	10.392	92	153770	20.886	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	81344	20.605	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	93385	20.867	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	48442	20.611	ug/l		98
56) Ethyl methacrylate	10.648	69	65863	20.656	ug/l		99
57) 1,3-Dichloropropane	10.934	76	85519	20.724	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	180719	102.926	ug/l		97
59) 2-Hexanone	10.971	43	184308	111.938	ug/l		98
60) Dibromochloromethane	11.129	129	54573	19.417	ug/l		95
61) 1,2-Dibromoethane	11.239	107	48122	20.452	ug/l		99
64) Tetrachloroethene	10.867	164	45363	19.464	ug/l		91
65) Chlorobenzene	11.660	112	168300	21.409	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	54158	21.619	ug/l		97
67) Ethyl Benzene	11.733	91	300506	22.045	ug/l		98
68) m/p-Xylenes	11.843	106	221549	42.278	ug/l		97
69) o-Xylene	12.166	106	105871	21.820	ug/l		99
70) Styrene	12.184	104	179672	21.421	ug/l		98
71) Bromoform	12.349	173	26927	18.018	ug/l	#	95
73) Isopropylbenzene	12.464	105	276577	20.352	ug/l		100
74) N-amyl acetate	12.269	43	74607	20.368	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	59677	19.780	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	47147m	20.421	ug/l		
77) Bromobenzene	12.745	156	62484	20.615	ug/l		89
78) n-propylbenzene	12.800	91	341885	21.009	ug/l		99
79) 2-Chlorotoluene	12.891	91	200599	20.471	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	239593	21.299	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	17858	18.016	ug/l		91
82) 4-Chlorotoluene	12.989	91	215000	20.898	ug/l		99
83) tert-Butylbenzene	13.202	119	193236	20.054	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	239532	21.016	ug/l		99
85) sec-Butylbenzene	13.379	105	297918	20.599	ug/l		99
86) p-Isopropyltoluene	13.495	119	243955	20.467	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	120827	19.878	ug/l		98
88) 1,4-Dichlorobenzene	13.580	146	118668	19.074	ug/l		92
89) n-Butylbenzene	13.818	91	243206	21.000	ug/l		98
90) Hexachloroethane	14.092	117	40832	18.988	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	111078	19.994	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10704	18.170	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	66450	19.394	ug/l		98
94) Hexachlorobutadiene	15.226	225	31136	18.819	ug/l		92
95) Naphthalene	15.360	128	159288	18.963	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	58180	18.480	ug/l		92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031793.D
Acq On : 10 Jul 2025 11:05
Operator : SY/MD
Sample : VW0710SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 02:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

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

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

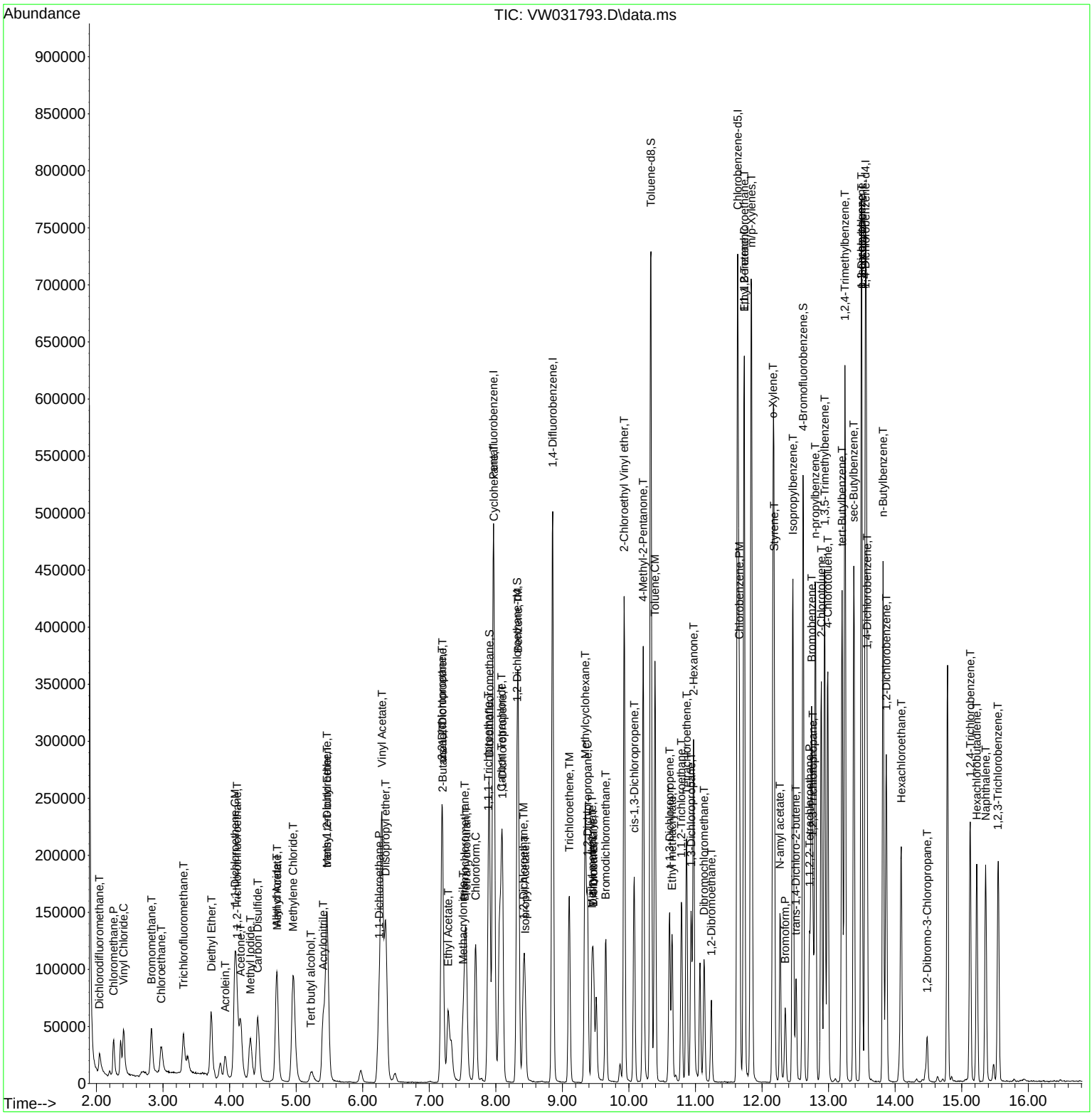
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031793.D
Acq On : 10 Jul 2025 11:05
Operator : SY/MD
Sample : VW0710SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 02:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046953.D
Acq On : 10 Jul 2025 18:16
Operator : JC/MD
Sample : VX0710MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 11 01:35:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	334978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	561587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	262771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	232199	52.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.940%			
35) Dibromofluoromethane	5.397	113	196044	51.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	8.647	98	674102	50.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.079	95	271347	53.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	54179	16.912	ug/l	99
3) Chloromethane	1.307	50	57993	16.569	ug/l	97
4) Vinyl Chloride	1.386	62	65262	17.122	ug/l	97
5) Bromomethane	1.624	94	26370	10.767	ug/l	96
6) Chloroethane	1.703	64	54169m	21.522	ug/l	
7) Trichlorofluoromethane	1.904	101	105619	17.921	ug/l	100
8) Diethyl Ether	2.148	74	38821	18.510	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	68251	18.174	ug/l	100
10) Methyl Iodide	2.471	142	47487	11.607	ug/l	97
11) Tert butyl alcohol	2.953	59	35010	120.625	ug/l	99
12) 1,1-Dichloroethene	2.337	96	64167	17.665	ug/l	98
13) Acrolein	2.245	56	13159	43.399	ug/l	100
14) Allyl chloride	2.678	41	117922	18.234	ug/l	99
15) Acrylonitrile	3.075	53	171704	102.323	ug/l	99
16) Acetone	2.386	43	131825	95.899	ug/l	100
17) Carbon Disulfide	2.532	76	163300	17.143	ug/l	99
18) Methyl Acetate	2.715	43	87300	24.095	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	212374	20.704	ug/l	97
20) Methylene Chloride	2.800	84	76799	18.894	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	66673	17.938	ug/l	95
22) Diisopropyl ether	3.770	45	253043	20.253	ug/l	93
23) Vinyl Acetate	3.733	43	943534	100.803	ug/l	100
24) 1,1-Dichloroethane	3.629	63	135495	19.016	ug/l	99
25) 2-Butanone	4.568	43	205157	111.864	ug/l	97
26) 2,2-Dichloropropane	4.489	77	87680	16.534	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85161	18.766	ug/l	99
28) Bromochloromethane	4.916	49	76698	21.810	ug/l	99
29) Tetrahydrofuran	5.013	42	129738	110.972	ug/l	99
30) Chloroform	5.105	83	140249	19.266	ug/l	98
31) Cyclohexane	5.483	56	118031	18.659	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	114216	18.780	ug/l	98
36) 1,1-Dichloropropene	5.702	75	91829	17.854	ug/l	98
37) Ethyl Acetate	4.733	43	81066	18.505	ug/l	99
38) Carbon Tetrachloride	5.690	117	98074	18.036	ug/l	99
39) Methylcyclohexane	7.385	83	108440	16.855	ug/l	92
40) Benzene	6.050	78	288051	18.516	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046953.D
Acq On : 10 Jul 2025 18:16
Operator : JC/MD
Sample : VX0710MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 11 01:35:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	51391	21.992	ug/l		98
42) 1,2-Dichloroethane	6.092	62	100813	19.084	ug/l		99
43) Isopropyl Acetate	6.348	43	141108	21.030	ug/l		99
44) Trichloroethene	7.129	130	72255	17.843	ug/l		100
45) 1,2-Dichloropropane	7.433	63	73000	18.573	ug/l		98
46) Dibromomethane	7.586	93	50552	18.563	ug/l		98
47) Bromodichloromethane	7.824	83	110667	19.032	ug/l		100
48) Methyl methacrylate	7.696	41	71966	20.772	ug/l		98
49) 1,4-Dioxane	7.659	88	19176	477.679	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	439602	111.012	ug/l		99
52) Toluene	8.720	92	180698	18.744	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	93318	17.982	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	108686	18.349	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	69967	19.486	ug/l		98
56) Ethyl methacrylate	9.116	69	101894	20.503	ug/l		98
57) 1,3-Dichloropropane	9.311	76	121110	19.588	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	286814	102.426	ug/l		99
59) 2-Hexanone	9.427	43	296793	112.994	ug/l		99
60) Dibromochloromethane	9.518	129	82981	19.311	ug/l		100
61) 1,2-Dibromoethane	9.610	107	70537	19.560	ug/l		99
64) Tetrachloroethene	9.275	164	61358	18.164	ug/l		96
65) Chlorobenzene	10.079	112	206334	18.811	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	70082	19.006	ug/l		100
67) Ethyl Benzene	10.195	91	346968	18.471	ug/l		100
68) m/p-Xylenes	10.299	106	266991	37.719	ug/l		99
69) o-Xylene	10.640	106	128163	18.744	ug/l		99
70) Styrene	10.652	104	222425	19.014	ug/l		98
71) Bromoform	10.799	173	53135	19.380	ug/l	#	99
73) Isopropylbenzene	10.963	105	348297	18.855	ug/l		99
74) N-amyl acetate	10.841	43	129324	20.603	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	102286	20.138	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	79898m	19.678	ug/l		
77) Bromobenzene	11.195	156	83586	18.166	ug/l		97
78) n-propylbenzene	11.305	91	405899	18.223	ug/l		100
79) 2-Chlorotoluene	11.360	91	242910	18.470	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	281421	18.750	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	24286	16.051	ug/l		96
82) 4-Chlorotoluene	11.451	91	287878	18.968	ug/l		100
83) tert-Butylbenzene	11.713	119	289473	18.673	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	286255	18.869	ug/l		95
85) sec-Butylbenzene	11.890	105	352912	18.056	ug/l		100
86) p-Isopropyltoluene	12.006	119	296748	18.130	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	161017	18.712	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	162180	18.109	ug/l		99
89) n-Butylbenzene	12.329	91	270585	17.594	ug/l		99
90) Hexachloroethane	12.536	117	47072	16.223	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	156080	18.717	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18059	20.328	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	97168	17.152	ug/l		97
94) Hexachlorobutadiene	13.725	225	33553	15.705	ug/l		99
95) Naphthalene	13.774	128	292160	19.571	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	95854	17.908	ug/l		98

Sample Results: **VX046953.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046953.D
Acq On : 10 Jul 2025 18:16
Operator : JC/MD
Sample : VX0710MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 11 01:35:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

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

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

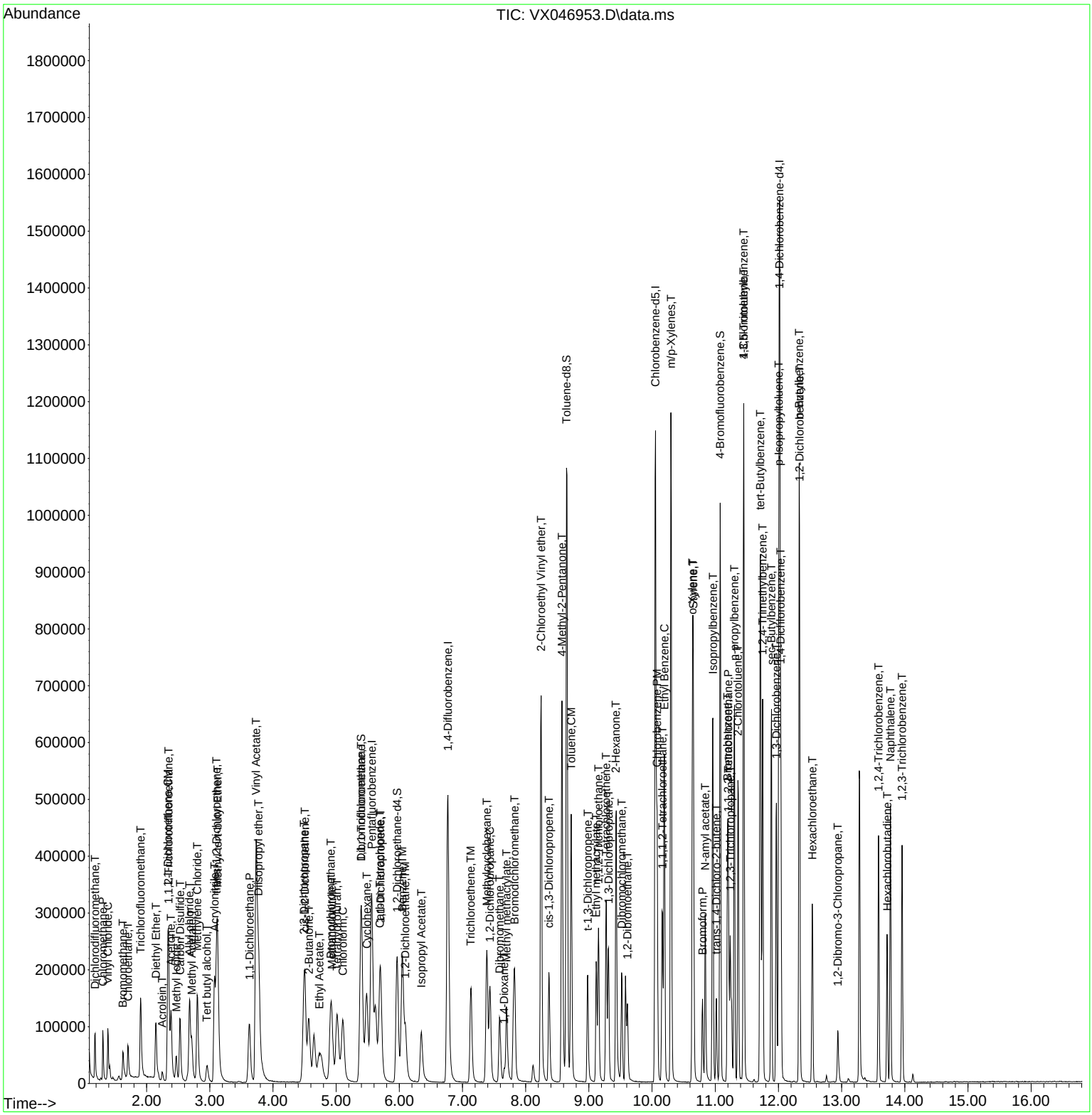
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046953.D
Acq On : 10 Jul 2025 18:16
Operator : JC/MD
Sample : VX0710MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 11 01:35:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046964.D
Acq On : 14 Jul 2025 11:39
Operator : JC/MD
Sample : VX0714MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 01:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	309393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	505368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	219792	53.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.540%			
35) Dibromofluoromethane	5.397	113	182042	53.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.140%			
50) Toluene-d8	8.653	98	617572	51.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	247407	53.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	52904	17.880	ug/l	98
3) Chloromethane	1.307	50	53552	16.565	ug/l	98
4) Vinyl Chloride	1.386	62	64273	18.257	ug/l	98
5) Bromomethane	1.624	94	41410	18.307	ug/l	96
6) Chloroethane	1.703	64	44274	19.046	ug/l	100
7) Trichlorofluoromethane	1.904	101	102934	18.910	ug/l	96
8) Diethyl Ether	2.148	74	39339	20.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	67961	19.593	ug/l	98
10) Methyl Iodide	2.471	142	49592	13.123	ug/l	97
11) Tert butyl alcohol	2.959	59	44196	164.866	ug/l	99
12) 1,1-Dichloroethene	2.337	96	63788	19.013	ug/l	94
13) Acrolein	2.252	56	24535	84.722	ug/l	100
14) Allyl chloride	2.678	41	119999	20.090	ug/l	99
15) Acrylonitrile	3.075	53	186856	120.561	ug/l	100
16) Acetone	2.386	43	143314	112.879	ug/l	97
17) Carbon Disulfide	2.526	76	143585	16.320	ug/l	100
18) Methyl Acetate	2.715	43	98466	29.424	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	218604	23.074	ug/l	97
20) Methylene Chloride	2.806	84	73890	19.681	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	65127	18.971	ug/l	99
22) Diisopropyl ether	3.776	45	250741	21.729	ug/l	95
23) Vinyl Acetate	3.733	43	959121	110.941	ug/l	100
24) 1,1-Dichloroethane	3.629	63	132990	20.207	ug/l	99
25) 2-Butanone	4.562	43	229218	135.318	ug/l	98
26) 2,2-Dichloropropane	4.489	77	99334	20.281	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	83826	19.999	ug/l	98
28) Bromochloromethane	4.916	49	67969	20.926	ug/l	99
29) Tetrahydrofuran	5.013	42	141462	131.007	ug/l	99
30) Chloroform	5.105	83	139011	20.675	ug/l	93
31) Cyclohexane	5.489	56	110275	18.874	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	116434	20.728	ug/l	99
36) 1,1-Dichloropropene	5.702	75	87300	18.862	ug/l	98
37) Ethyl Acetate	4.727	43	90567	22.974	ug/l	99
38) Carbon Tetrachloride	5.690	117	98502	20.130	ug/l	100
39) Methylcyclohexane	7.385	83	108034	18.660	ug/l	98
40) Benzene	6.050	78	279759	19.984	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046964.D
Acq On : 14 Jul 2025 11:39
Operator : JC/MD
Sample : VX0714MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 01:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52777	25.097	ug/l	98
42) 1,2-Dichloroethane	6.092	62	101992	21.455	ug/l	98
43) Isopropyl Acetate	6.348	43	151536	25.097	ug/l	100
44) Trichloroethene	7.129	130	68614	18.828	ug/l	83
45) 1,2-Dichloropropane	7.434	63	72475	20.491	ug/l	98
46) Dibromomethane	7.586	93	51263	20.918	ug/l	98
47) Bromodichloromethane	7.824	83	110223	21.064	ug/l	99
48) Methyl methacrylate	7.696	41	75792	24.310	ug/l	97
49) 1,4-Dioxane	7.671	88	20198	559.109	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	484935	136.083	ug/l	99
52) Toluene	8.720	92	174555	20.121	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101181	21.666	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	111702	20.956	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	69973	21.655	ug/l	98
56) Ethyl methacrylate	9.116	69	107308	23.994	ug/l	100
57) 1,3-Dichloropropane	9.311	76	120500	21.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	276763	109.831	ug/l	99
59) 2-Hexanone	9.433	43	334106	141.350	ug/l	98
60) Dibromochloromethane	9.518	129	82423	21.315	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70901	21.848	ug/l	99
64) Tetrachloroethene	9.275	164	57848	18.928	ug/l	98
65) Chlorobenzene	10.079	112	197236	19.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	69127	20.721	ug/l	100
67) Ethyl Benzene	10.195	91	340821	20.054	ug/l	98
68) m/p-Xylenes	10.299	106	257857	40.264	ug/l	100
69) o-Xylene	10.640	106	123760	20.006	ug/l	98
70) Styrene	10.652	104	219480	20.737	ug/l	99
71) Bromoform	10.799	173	52708	21.248	ug/l	97
73) Isopropylbenzene	10.963	105	336379	20.645	ug/l	98
74) N-amyl acetate	10.841	43	136795	24.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	104811	23.394	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81975m	22.890	ug/l	
77) Bromobenzene	11.195	156	82048	20.217	ug/l	98
78) n-propylbenzene	11.305	91	392430	19.975	ug/l	99
79) 2-Chlorotoluene	11.366	91	235145	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	277102	20.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29231	21.903	ug/l	95
82) 4-Chlorotoluene	11.451	91	280425	20.948	ug/l	99
83) tert-Butylbenzene	11.713	119	282161	20.636	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	279933	20.920	ug/l	99
85) sec-Butylbenzene	11.890	105	355079	20.596	ug/l	100
86) p-Isopropyltoluene	12.006	119	296166	20.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153939	20.282	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	156569	19.821	ug/l	98
89) n-Butylbenzene	12.329	91	273441	20.158	ug/l	99
90) Hexachloroethane	12.536	117	50198	19.614	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	148816	20.233	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20307	25.915	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	100560	20.125	ug/l	99
94) Hexachlorobutadiene	13.719	225	36644	19.446	ug/l	98
95) Naphthalene	13.774	128	305276	23.185	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96552	20.450	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046964.D
Acq On : 14 Jul 2025 11:39
Operator : JC/MD
Sample : VX0714MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 01:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

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

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

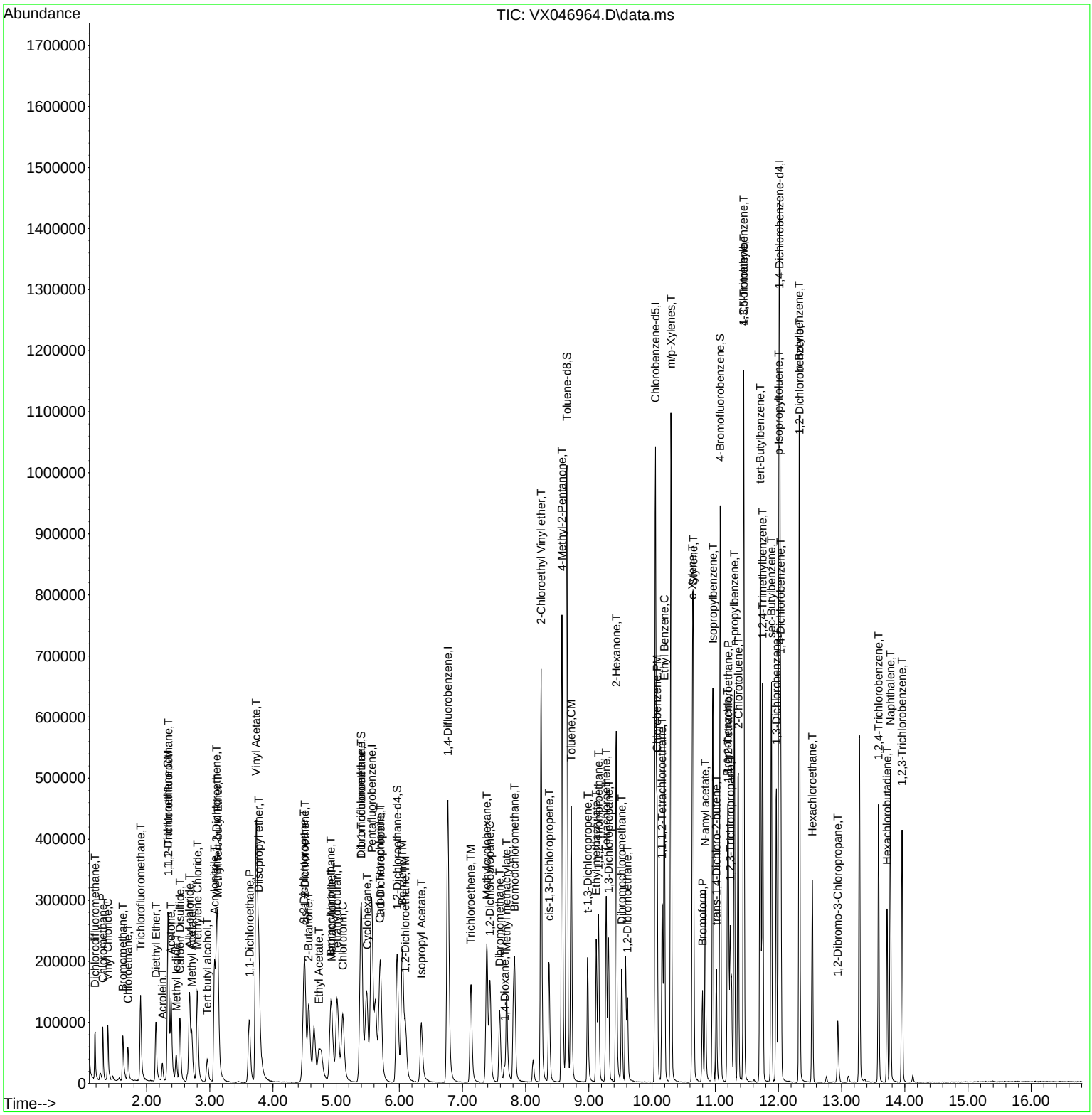
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046964.D
Acq On : 14 Jul 2025 11:39
Operator : JC/MD
Sample : VX0714MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 01:15:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022948.D
Acq On : 07 Jul 2025 10:17
Operator : SY/MD
Sample : VY0707SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 01:42:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	438661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	730129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	612594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	286401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	229601	46.897	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.800%			
35) Dibromofluoromethane	7.634	113	219826	49.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.020%			
50) Toluene-d8	10.103	98	887929	50.394	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.401	95	266395	47.032	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	76291	20.339	ug/l	96
3) Chloromethane	2.068	50	136859	19.107	ug/l	99
4) Vinyl Chloride	2.202	62	168346	18.813	ug/l	100
5) Bromomethane	2.592	94	132582	18.846	ug/l	97
6) Chloroethane	2.732	64	114293	19.001	ug/l	97
7) Trichlorofluoromethane	3.056	101	189157	19.090	ug/l	100
8) Diethyl Ether	3.452	74	48932	19.995	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96371	21.283	ug/l	97
10) Methyl Iodide	4.000	142	97940	19.866	ug/l	99
11) Tert butyl alcohol	4.872	59	25549	78.481	ug/l	99
12) 1,1-Dichloroethene	3.787	96	92533	20.840	ug/l	98
13) Acrolein	3.653	56	26290	59.555	ug/l	98
14) Allyl chloride	4.378	41	144251	21.122	ug/l	93
15) Acrylonitrile	5.061	53	95727	93.752	ug/l	98
16) Acetone	3.866	43	125926	136.083	ug/l	99
17) Carbon Disulfide	4.104	76	296213	20.651	ug/l	98
18) Methyl Acetate	4.385	43	50901	16.610	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	222490	18.403	ug/l	96
20) Methylene Chloride	4.610	84	165999	28.405	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	104766	20.645	ug/l	95
22) Diisopropyl ether	6.018	45	315738	20.818	ug/l	96
23) Vinyl Acetate	5.957	43	815265	97.329	ug/l	100
24) 1,1-Dichloroethane	5.909	63	194723	21.255	ug/l	99
25) 2-Butanone	6.896	43	142744	105.988	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167826	21.854	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118058	20.021	ug/l	98
28) Bromochloromethane	7.244	49	77658	20.163	ug/l	94
29) Tetrahydrofuran	7.262	42	76693	90.182	ug/l	96
30) Chloroform	7.421	83	193425	20.499	ug/l	92
31) Cyclohexane	7.701	56	176879	21.034	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	170941	20.964	ug/l	100
36) 1,1-Dichloropropene	7.835	75	141162	20.974	ug/l	100
37) Ethyl Acetate	6.982	43	53600	18.455	ug/l	98
38) Carbon Tetrachloride	7.817	117	150738	21.226	ug/l	97
39) Methylcyclohexane	9.109	83	180217	20.691	ug/l	98
40) Benzene	8.079	78	428546	20.710	ug/l	99

Sample Results: **VY022948.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022948.D
Acq On : 07 Jul 2025 10:17
Operator : SY/MD
Sample : VY0707SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 01:42:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	31864	17.822	ug/l		94
42) 1,2-Dichloroethane	8.158	62	110484	19.484	ug/l		99
43) Isopropyl Acetate	8.195	43	107707	17.843	ug/l		98
44) Trichloroethene	8.865	130	111170	21.398	ug/l		94
45) 1,2-Dichloropropane	9.140	63	100967	20.848	ug/l		98
46) Dibromomethane	9.231	93	52288	19.019	ug/l		96
47) Bromodichloromethane	9.420	83	144164	20.335	ug/l		98
48) Methyl methacrylate	9.219	41	52431	18.068	ug/l		91
49) 1,4-Dioxane	9.231	88	11448	352.448	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	269544	87.873	ug/l		97
52) Toluene	10.170	92	268161	20.541	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	123379	19.343	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	148236	20.043	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	68663	19.287	ug/l		96
56) Ethyl methacrylate	10.438	69	80850	16.880	ug/l		95
57) 1,3-Dichloropropane	10.713	76	119083	19.173	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	211650	94.467	ug/l		99
59) 2-Hexanone	10.761	43	202197	96.955	ug/l		99
60) Dibromochloromethane	10.908	129	88862	19.325	ug/l		99
61) 1,2-Dibromoethane	11.011	107	61866	18.571	ug/l		97
64) Tetrachloroethene	10.646	164	129132	22.313	ug/l		97
65) Chlorobenzene	11.438	112	278486	20.689	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92449	20.278	ug/l		98
67) Ethyl Benzene	11.517	91	488947	20.674	ug/l		99
68) m/p-Xylenes	11.627	106	378381	41.388	ug/l		100
69) o-Xylene	11.950	106	174593	20.268	ug/l		100
70) Styrene	11.969	104	285850	19.810	ug/l		99
71) Bromoform	12.133	173	46387	18.273	ug/l	#	98
73) Isopropylbenzene	12.255	105	454471	21.456	ug/l		99
74) N-amyl acetate	12.072	43	84963	17.870	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	62566	18.328	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	61527m	21.043	ug/l		
77) Bromobenzene	12.529	156	99192	20.661	ug/l		99
78) n-propylbenzene	12.590	91	563095	22.019	ug/l		100
79) 2-Chlorotoluene	12.676	91	314450	21.763	ug/l		98
80) 1,3,5-Trimethylbenzene	12.731	105	363308	21.247	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.298	75	22687	19.603	ug/l		97
82) 4-Chlorotoluene	12.773	91	315835	20.811	ug/l		100
83) tert-Butylbenzene	12.993	119	325048	21.555	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	362921	21.200	ug/l		100
85) sec-Butylbenzene	13.176	105	489226	21.562	ug/l		99
86) p-Isopropyltoluene	13.285	119	399082	21.137	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	199343	20.674	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	196099	20.474	ug/l		99
89) n-Butylbenzene	13.615	91	373963	21.056	ug/l		100
90) Hexachloroethane	13.877	117	81916	21.783	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	170602	20.077	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9741	16.827	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	88322	18.410	ug/l		99
94) Hexachlorobutadiene	15.023	225	53676	19.785	ug/l		99
95) Naphthalene	15.139	128	137408	15.838	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	73428	17.712	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022948.D
Acq On : 07 Jul 2025 10:17
Operator : SY/MD
Sample : VY0707SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 01:42:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

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

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

Sample Results: **VY022948.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022948.D
Acq On : 07 Jul 2025 10:17
Operator : SY/MD
Sample : VY0707SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 01:42:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Manual Integrations APPROVED

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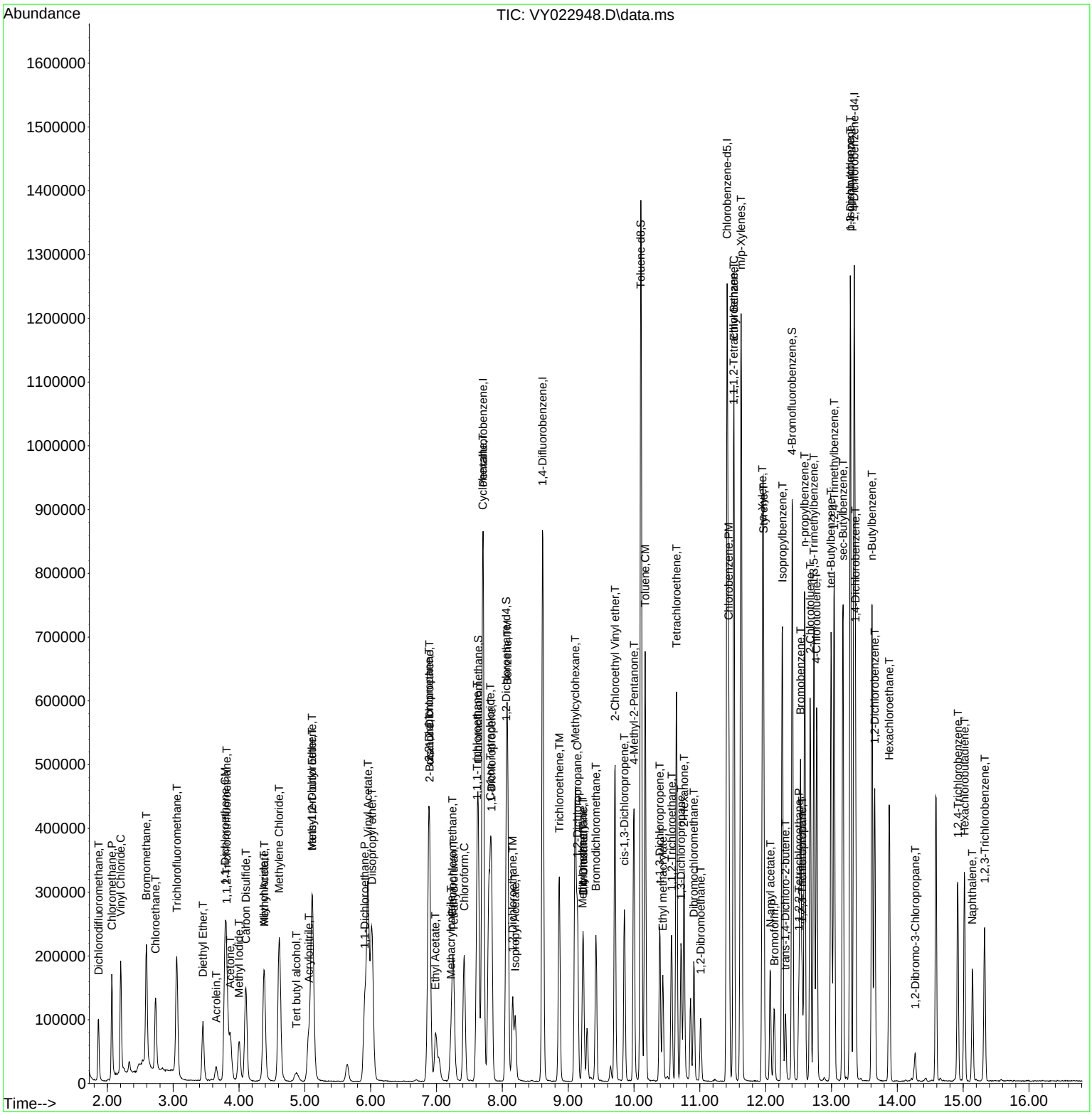
Supervised By :Semsettin Yesilyurt 07/08/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022970.D
Acq On : 08 Jul 2025 12:12
Operator : SY/MD
Sample : VY0708SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	371442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	616012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	524718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	246530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215523	51.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.980%			
35) Dibromofluoromethane	7.634	113	202152	53.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.920%			
50) Toluene-d8	10.103	98	795238	53.494	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.402	95	246219	51.522	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	69266	21.808	ug/l	98
3) Chloromethane	2.068	50	137408	22.656	ug/l	99
4) Vinyl Chloride	2.202	62	159081	20.994	ug/l	100
5) Bromomethane	2.592	94	137404	23.066	ug/l	100
6) Chloroethane	2.733	64	111540	21.899	ug/l	95
7) Trichlorofluoromethane	3.050	101	176428	21.028	ug/l	98
8) Diethyl Ether	3.452	74	45489	21.951	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	87558	22.836	ug/l	97
10) Methyl Iodide	4.001	142	81368	19.491	ug/l	98
11) Tert butyl alcohol	4.872	59	25464	92.376	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	83855	22.304	ug/l	90
13) Acrolein	3.653	56	24176	64.677	ug/l	99
14) Allyl chloride	4.385	41	131666	22.768	ug/l	94
15) Acrylonitrile	5.055	53	92758	107.284	ug/l	99
16) Acetone	3.867	43	124965	159.483	ug/l	91
17) Carbon Disulfide	4.104	76	265424	21.853	ug/l	98
18) Methyl Acetate	4.385	43	46704	17.998	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	211738	20.683	ug/l	93
20) Methylene Chloride	4.610	84	147238	29.755	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	95112	22.135	ug/l	98
22) Diisopropyl ether	6.012	45	294813	22.956	ug/l	98
23) Vinyl Acetate	5.958	43	790778	111.490	ug/l	100
24) 1,1-Dichloroethane	5.909	63	179360	23.121	ug/l	98
25) 2-Butanone	6.896	43	145215	127.335	ug/l	97
26) 2,2-Dichloropropane	6.878	77	151569	23.309	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	110203	22.071	ug/l	98
28) Bromochloromethane	7.244	49	73514	22.542	ug/l	98
29) Tetrahydrofuran	7.262	42	73665	102.297	ug/l	98
30) Chloroform	7.421	83	181362	22.699	ug/l	94
31) Cyclohexane	7.701	56	161337	22.657	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	156309	22.639	ug/l	99
36) 1,1-Dichloropropene	7.835	75	129051	22.726	ug/l	100
37) Ethyl Acetate	6.988	43	53352	21.773	ug/l	98
38) Carbon Tetrachloride	7.817	117	133570	22.293	ug/l	96
39) Methylcyclohexane	9.109	83	163944	22.310	ug/l	100
40) Benzene	8.079	78	398940	22.851	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022970.D
Acq On : 08 Jul 2025 12:12
Operator : SY/MD
Sample : VY0708SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	32084m	21.269	ug/l		
42) 1,2-Dichloroethane	8.158	62	106349	22.229	ug/l		100
43) Isopropyl Acetate	8.195	43	105521	20.720	ug/l		99
44) Trichloroethene	8.866	130	99602	22.723	ug/l		98
45) 1,2-Dichloropropane	9.140	63	95098	23.274	ug/l		99
46) Dibromomethane	9.231	93	50525	21.782	ug/l		98
47) Bromodichloromethane	9.420	83	134480	22.483	ug/l		100
48) Methyl methacrylate	9.219	41	50107	20.466	ug/l		95
49) 1,4-Dioxane	9.225	88	11005	401.574	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	271317	104.836	ug/l		98
52) Toluene	10.170	92	244039	22.157	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	116699	21.685	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	140531	22.521	ug/l		95
55) 1,1,2-Trichloroethane	10.573	97	65060	21.661	ug/l		96
56) Ethyl methacrylate	10.438	69	80184	19.843	ug/l		96
57) 1,3-Dichloropropane	10.713	76	113624	21.683	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	202258	104.922	ug/l		100
59) 2-Hexanone	10.756	43	205080	116.554	ug/l		100
60) Dibromochloromethane	10.908	129	82809	21.344	ug/l		100
61) 1,2-Dibromoethane	11.012	107	58660	20.871	ug/l		96
64) Tetrachloroethene	10.646	164	114342	23.067	ug/l		98
65) Chlorobenzene	11.438	112	257096	22.299	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.511	131	85435	21.877	ug/l		98
67) Ethyl Benzene	11.518	91	456349	22.527	ug/l		98
68) m/p-Xylenes	11.627	106	346096	44.196	ug/l		99
69) o-Xylene	11.950	106	160557	21.760	ug/l		99
70) Styrene	11.969	104	269611	21.814	ug/l		99
71) Bromoform	12.133	173	43869	20.175	ug/l	#	97
73) Isopropylbenzene	12.249	105	420453	23.061	ug/l		99
74) N-amyl acetate	12.066	43	87777	21.448	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	62295	21.200	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	45817m	18.204	ug/l		
77) Bromobenzene	12.530	156	91375	22.110	ug/l		98
78) n-propylbenzene	12.591	91	523332	23.774	ug/l		100
79) 2-Chlorotoluene	12.676	91	287651	23.128	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	341474	23.200	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	21110	21.190	ug/l		97
82) 4-Chlorotoluene	12.773	91	293116	22.437	ug/l		100
83) tert-Butylbenzene	12.993	119	304891	23.489	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	336195	22.815	ug/l		100
85) sec-Butylbenzene	13.170	105	457631	23.432	ug/l		100
86) p-Isopropyltoluene	13.286	119	374921	23.068	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	185171	22.310	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	184883	22.425	ug/l		98
89) n-Butylbenzene	13.615	91	350329	22.916	ug/l		99
90) Hexachloroethane	13.877	117	76067	23.499	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	161163	22.034	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9925	19.917	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	85569	20.720	ug/l		96
94) Hexachlorobutadiene	15.017	225	52132	22.324	ug/l		96
95) Naphthalene	15.139	128	133729	17.907	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	71026	19.903	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022970.D
Acq On : 08 Jul 2025 12:12
Operator : SY/MD
Sample : VY0708SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

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

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

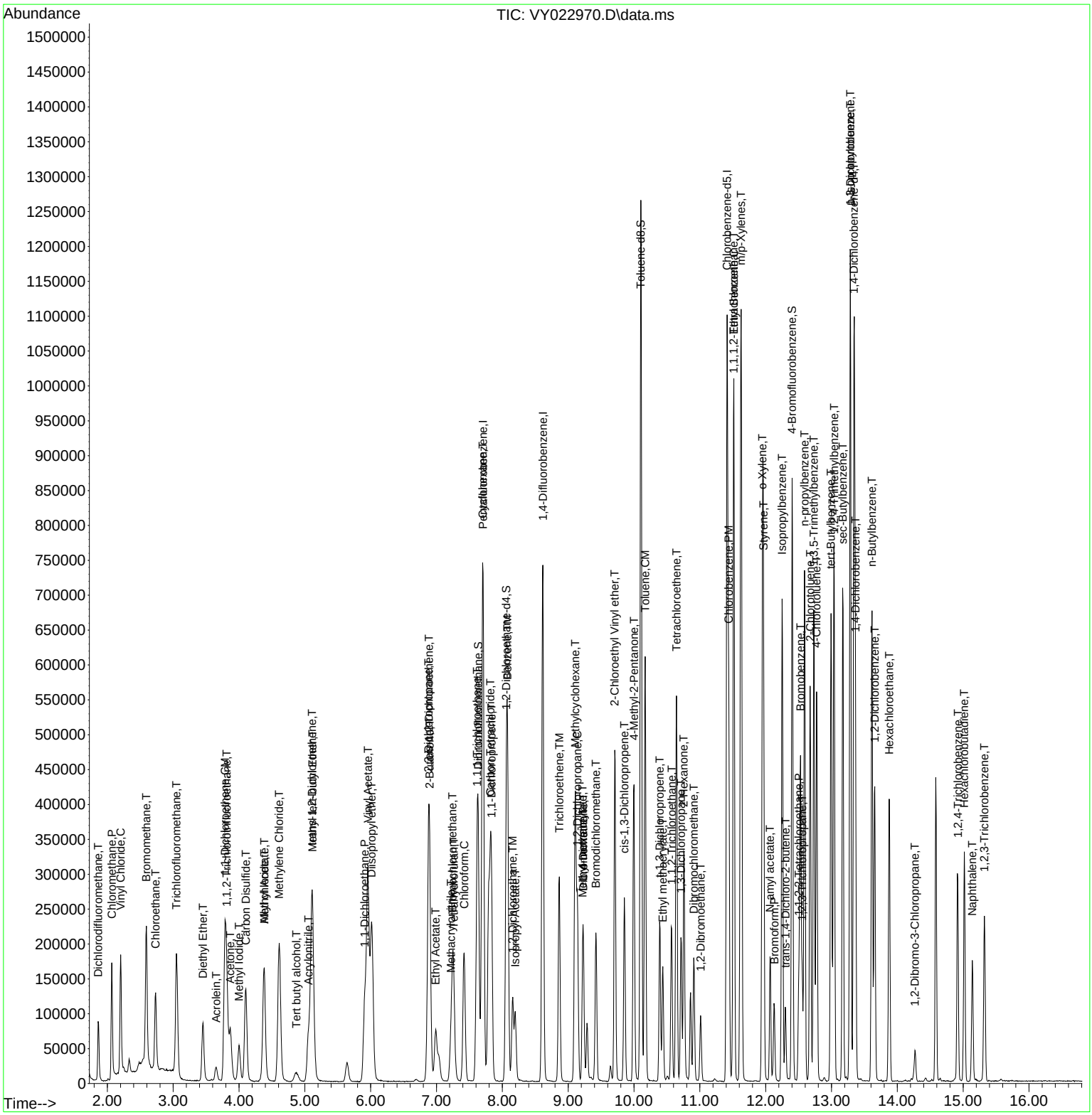
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022970.D
Acq On : 08 Jul 2025 12:12
Operator : SY/MD
Sample : VY0708SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 02:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031794.D
Acq On : 10 Jul 2025 11:33
Operator : SY/MD
Sample : VW0710SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:17:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	226314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	415001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	365558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167289	51.507	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.020%			
35) Dibromofluoromethane	7.904	113	135149	49.906	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.820%			
50) Toluene-d8	10.325	98	501996	49.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.617	95	192442	51.890	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	30178	19.580	ug/l	96
3) Chloromethane	2.259	50	36073	19.413	ug/l	97
4) Vinyl Chloride	2.405	62	50581	20.710	ug/l	95
5) Bromomethane	2.826	94	35400	18.557	ug/l	98
6) Chloroethane	2.972	64	32192	19.404	ug/l	97
7) Trichlorofluoromethane	3.301	101	36813	16.597	ug/l	94
8) Diethyl Ether	3.722	74	35786	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50449	20.491	ug/l	98
10) Methyl Iodide	4.314	142	73975	19.491	ug/l	99
11) Tert butyl alcohol	5.228	59	19156	95.202	ug/l	97
12) 1,1-Dichloroethene	4.076	96	54559	20.232	ug/l	91
13) Acrolein	3.929	56	28198	77.971	ug/l	99
14) Allyl chloride	4.704	41	86231	20.841	ug/l	97
15) Acrylonitrile	5.411	53	81557	98.400	ug/l	99
16) Acetone	4.167	43	87339	108.797	ug/l	100
17) Carbon Disulfide	4.417	76	139598	19.345	ug/l	98
18) Methyl Acetate	4.710	43	43494	18.957	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	99089	21.649	ug/l	97
20) Methylene Chloride	4.960	84	86229	24.362	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	59156	20.645	ug/l	96
22) Diisopropyl ether	6.338	45	180751	22.399	ug/l	95
23) Vinyl Acetate	6.283	43	597042	108.322	ug/l	98
24) 1,1-Dichloroethane	6.246	63	110704	21.161	ug/l	98
25) 2-Butanone	7.197	43	119126	114.064	ug/l	98
26) 2,2-Dichloropropane	7.185	77	59909	19.627	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	70581	21.429	ug/l	97
28) Bromochloromethane	7.532	49	49683	21.520	ug/l	97
29) Tetrahydrofuran	7.557	42	71773	100.351	ug/l	100
30) Chloroform	7.691	83	116682	20.990	ug/l	96
31) Cyclohexane	7.971	56	97811	21.151	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	85852	20.040	ug/l	99
36) 1,1-Dichloropropene	8.099	75	82416	21.031	ug/l	99
37) Ethyl Acetate	7.276	43	49846	20.164	ug/l	98
38) Carbon Tetrachloride	8.081	117	78551	19.671	ug/l	97
39) Methylcyclohexane	9.343	83	100339	20.580	ug/l	97
40) Benzene	8.337	78	245359	21.163	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031794.D
Acq On : 10 Jul 2025 11:33
Operator : SY/MD
Sample : VW0710SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:17:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	26501	20.012	ug/l		93
42) 1,2-Dichloroethane	8.410	62	83386	21.286	ug/l		99
43) Isopropyl Acetate	8.435	43	89552	21.016	ug/l		99
44) Trichloroethene	9.105	130	56412	19.495	ug/l		91
45) 1,2-Dichloropropane	9.374	63	59237	21.140	ug/l		95
46) Dibromomethane	9.465	93	37600	20.784	ug/l		97
47) Bromodichloromethane	9.648	83	88183	20.787	ug/l		95
48) Methyl methacrylate	9.441	41	41670	19.888	ug/l		97
49) 1,4-Dioxane	9.465	88	7065	333.450	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.215	43	256230	104.592	ug/l		100
52) Toluene	10.392	92	153896	20.732	ug/l		99
53) t-1,3-Dichloropropene	10.605	75	82051	20.615	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	95884	21.250	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	50955	21.503	ug/l		98
56) Ethyl methacrylate	10.648	69	69105	21.495	ug/l		99
57) 1,3-Dichloropropane	10.934	76	89275	21.458	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	188338	106.389	ug/l		97
59) 2-Hexanone	10.971	43	184311	111.025	ug/l		99
60) Dibromochloromethane	11.129	129	57910	20.436	ug/l		99
61) 1,2-Dibromoethane	11.239	107	48539	20.461	ug/l		98
64) Tetrachloroethene	10.861	164	45851	19.175	ug/l		84
65) Chlorobenzene	11.654	112	170652	21.158	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.733	131	53380	20.769	ug/l		96
67) Ethyl Benzene	11.727	91	297893	21.300	ug/l		95
68) m/p-Xylenes	11.837	106	224986	41.847	ug/l		99
69) o-Xylene	12.166	106	104943	21.082	ug/l		98
70) Styrene	12.178	104	184086	21.391	ug/l		99
71) Bromoform	12.349	173	29851	19.469	ug/l	#	99
73) Isopropylbenzene	12.464	105	279027	21.126	ug/l		99
74) N-amyl acetate	12.269	43	79743	22.400	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	62348	21.263	ug/l		98
76) 1,2,3-Trichloropropane	12.769	75	46547m	20.744	ug/l		
77) Bromobenzene	12.745	156	60742	20.620	ug/l		94
78) n-propylbenzene	12.800	91	344945	21.810	ug/l		97
79) 2-Chlorotoluene	12.885	91	205314	21.558	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	235670	21.556	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	19026	19.749	ug/l		88
82) 4-Chlorotoluene	12.983	91	214521	21.454	ug/l		99
83) tert-Butylbenzene	13.202	119	198401	21.186	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	240630	21.723	ug/l		100
85) sec-Butylbenzene	13.379	105	301636	21.459	ug/l		100
86) p-Isopropyltoluene	13.495	119	250318	21.608	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	129646	21.946	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	124248	20.548	ug/l		95
89) n-Butylbenzene	13.818	91	238633	21.201	ug/l		99
90) Hexachloroethane	14.086	117	42207	20.195	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	112201	20.780	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11405	19.920	ug/l		91
93) 1,2,4-Trichlorobenzene	15.129	180	66095	19.848	ug/l		97
94) Hexachlorobutadiene	15.226	225	29695	18.467	ug/l		96
95) Naphthalene	15.360	128	167135	20.472	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	59518	19.452	ug/l		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031794.D
Acq On : 10 Jul 2025 11:33
Operator : SY/MD
Sample : VW0710SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:17:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031794.D
Acq On : 10 Jul 2025 11:33
Operator : SY/MD
Sample : VW0710SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
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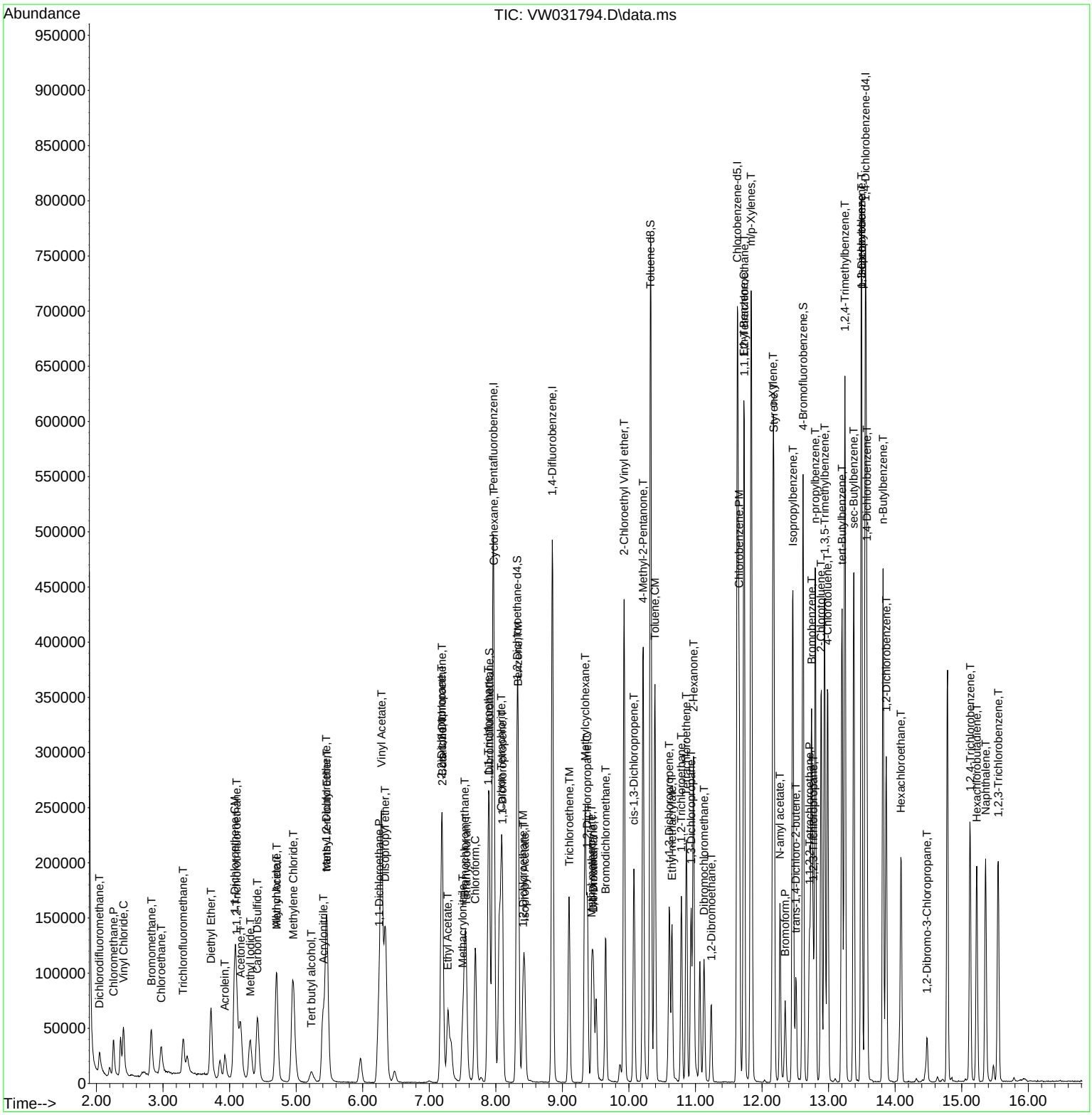
Quant Time: Jul 11 02:17:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



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

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW031729.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Acetone	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Ethyl Acetate	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICCC050	VW031732.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:38 PM	SAM	7/1/2025 12:24:15 PM	Peak Integrated by Software
VSTDICC100	VW031733.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:40 PM	SAM	7/1/2025 12:24:18 PM	Peak Integrated by Software
VSTDICC150	VW031734.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:41 PM	SAM	7/1/2025 12:24:20 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VW031736.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:42 PM	SAM	7/1/2025 12:24:21 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW070925	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031767.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:36:07 AM	Sam	7/14/2025 7:50:38 AM	Peak Integrated by Software
VW0709SBS01	VW031769.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:36:09 AM	Sam	7/14/2025 7:50:40 AM	Peak Integrated by Software
Q2480-07	VW031777.D	1,2,4-Trimethylbenzene	MMDadoda	7/14/2025 7:36:21 AM	Sam	7/14/2025 7:50:49 AM	Peak Integrated by Software
Q2480-07	VW031777.D	sec-Butylbenzene	MMDadoda	7/14/2025 7:36:21 AM	Sam	7/14/2025 7:50:49 AM	Peak Integrated by Software
VSTDCCC050	VW031789.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:36:22 AM	Sam	7/14/2025 7:50:50 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW071025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031791.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:37:09 AM	Sam	7/14/2025 7:51:24 AM	Peak Integrated by Software
VW0710SBS01	VW031793.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:37:11 AM	Sam	7/14/2025 7:51:25 AM	Peak Integrated by Software
VW0710SBSD01	VW031794.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:37:15 AM	Sam	7/14/2025 7:51:35 AM	Peak Integrated by Software
Q2480-06	VW031797.D	Methylcyclohexane	MMDadoda	7/14/2025 7:37:16 AM	Sam	7/14/2025 7:51:37 AM	Peak Integrated by Software
Q2480-06	VW031797.D	n-Butylbenzene	MMDadoda	7/14/2025 7:37:16 AM	Sam	7/14/2025 7:51:37 AM	Peak Integrated by Software
VSTDCCC050	VW031815.D	1,2,3-Trichloropropane	MMDadoda	7/14/2025 7:37:20 AM	Sam	7/14/2025 7:51:40 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx071025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046933.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:39:45 AM	MMDadoda	7/14/2025 7:46:10 AM	Peak Integrated by Software
VX0710MBS01	VX046953.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:40:55 AM	MMDadoda	7/14/2025 7:46:43 AM	Peak Integrated by Software
VX0710MBS01	VX046953.D	Chloroethane	JOHN	7/11/2025 8:40:55 AM	MMDadoda	7/14/2025 7:46:43 AM	Peak Integrated by Software
Q2480-05	VX046955.D	n-Butylbenzene	JOHN	7/11/2025 8:41:03 AM	MMDadoda	7/14/2025 7:46:49 AM	Peak Integrated by Software
Q2480-06ME	VX046956.D	n-Butylbenzene	JOHN	7/11/2025 8:41:08 AM	MMDadoda	7/14/2025 7:46:56 AM	Peak Integrated by Software
Q2480-07ME	VX046957.D	n-Butylbenzene	JOHN	7/11/2025 8:41:12 AM	MMDadoda	7/14/2025 7:46:58 AM	Peak Integrated by Software
Q2480-08	VX046958.D	n-Butylbenzene	JOHN	7/11/2025 8:41:17 AM	MMDadoda	7/14/2025 7:47:01 AM	Peak Integrated by Software
Q2480-08	VX046958.D	sec-Butylbenzene	JOHN	7/11/2025 8:41:17 AM	MMDadoda	7/14/2025 7:47:01 AM	Peak Integrated by Software
VSTDCCC050	VX046959.D	1,2,3-Trichloropropane	JOHN	7/11/2025 8:41:21 AM	MMDadoda	7/14/2025 7:47:02 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX071425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046961.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:53:58 AM	SAM	7/15/2025 4:55:11 AM	Peak Integrated by Software
VX0714MBS01	VX046964.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:53:59 AM	SAM	7/15/2025 4:55:13 AM	Peak Integrated by Software
Q2480-02ME	VX046967.D	n-Butylbenzene	MMDadoda	7/15/2025 4:54:02 AM	SAM	7/15/2025 4:55:17 AM	Peak Integrated by Software
VSTDCCC050	VX046986.D	1,2,3-Trichloropropane	MMDadoda	7/15/2025 4:54:13 AM	SAM	7/15/2025 4:55:26 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY062325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022776.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC005	VY022776.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	Methacrylonitrile	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICCC050	VY022779.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:00 AM	Sam	6/24/2025 8:27:51 AM	Peak Integrated by Software
VSTDICC100	VY022780.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:59 AM	Sam	6/24/2025 8:27:52 AM	Peak Integrated by Software
VSTDICC150	VY022781.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:53 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy070725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022946.D	1,2,3-Trichloropropane	MMDadoda	7/8/2025 3:34:59 PM	Sam	7/8/2025 3:38:14 PM	Peak Integrated by Software
VSTDCCC050	VY022946.D	Methacrylonitrile	MMDadoda	7/8/2025 3:34:59 PM	Sam	7/8/2025 3:38:14 PM	Peak Integrated by Software
VY0707SBS01	VY022948.D	1,2,3-Trichloropropane	MMDadoda	7/8/2025 3:35:00 PM	Sam	7/8/2025 3:38:16 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy070825	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022968.D	1,2,3-Trichloropropane	MMDadoda	7/9/2025 4:20:50 PM	SAM	7/9/2025 4:22:45 PM	Peak Integrated by Software
VSTDCCC050	VY022968.D	Methacrylonitrile	MMDadoda	7/9/2025 4:20:50 PM	SAM	7/9/2025 4:22:45 PM	Peak Integrated by Software
VY0708SBS01	VY022970.D	1,2,3-Trichloropropane	MMDadoda	7/9/2025 4:20:51 PM	SAM	7/9/2025 4:22:46 PM	Peak Integrated by Software
VY0708SBS01	VY022970.D	Methacrylonitrile	MMDadoda	7/9/2025 4:20:51 PM	SAM	7/9/2025 4:22:46 PM	Peak Integrated by Software
Q2480-02	VY022983.D	n-Butylbenzene	MMDadoda	7/9/2025 4:20:55 PM	SAM	7/9/2025 4:22:50 PM	Peak Integrated by Software
VSTDCCC050	VY022988.D	1,2,3-Trichloropropane	MMDadoda	7/9/2025 4:20:57 PM	SAM	7/9/2025 4:22:52 PM	Peak Integrated by Software

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM				
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031728.D	30 Jun 2025 08:56	SY/MD	Ok
2	VSTDICC005	VW031729.D	30 Jun 2025 09:54	SY/MD	Ok,M
3	VSTDICC010	VW031730.D	30 Jun 2025 10:15	SY/MD	Ok,M
4	VSTDICC020	VW031731.D	30 Jun 2025 10:58	SY/MD	Ok,M
5	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	SY/MD	Ok,M
6	VSTDICC100	VW031733.D	30 Jun 2025 12:34	SY/MD	Ok,M
7	VSTDICC150	VW031734.D	30 Jun 2025 12:55	SY/MD	Ok,M
8	VIBLK	VW031735.D	30 Jun 2025 14:11	SY/MD	Ok
9	VSTDICV050	VW031736.D	30 Jun 2025 15:23	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW070925

Review By	Mahesh Dadoda	Review On	7/14/2025 7:37:29 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:50:58 AM				
SubDirectory	VW070925	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134687
Initial Calibration Stds	
CCC	VP134688,VP134689
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031766.D	09 Jul 2025 08:51	SY/MD	Ok
2	VSTDCCC050	VW031767.D	09 Jul 2025 10:00	SY/MD	Ok,M
3	VW0709SBL01	VW031768.D	09 Jul 2025 10:58	SY/MD	Ok
4	VW0709SBS01	VW031769.D	09 Jul 2025 11:34	SY/MD	Ok,M
5	VW0709SBSD01	VW031770.D	09 Jul 2025 11:56	SY/MD	Ok,M
6	VW0709SBS02	VW031771.D	09 Jul 2025 13:29	SY/MD	Not Ok
7	Q2519-03	VW031772.D	09 Jul 2025 13:51	SY/MD	Ok
8	Q2527-01	VW031773.D	09 Jul 2025 14:13	SY/MD	Ok
9	Q2526-04	VW031774.D	09 Jul 2025 14:34	SY/MD	Ok
10	Q2514-06	VW031775.D	09 Jul 2025 14:56	SY/MD	Ok
11	Q2480-06	VW031776.D	09 Jul 2025 15:18	SY/MD	Not Ok
12	Q2480-07	VW031777.D	09 Jul 2025 15:40	SY/MD	Dilution
13	Q2529-01	VW031778.D	09 Jul 2025 16:02	SY/MD	Ok
14	Q2529-02	VW031779.D	09 Jul 2025 16:24	SY/MD	Ok
15	Q2529-03	VW031780.D	09 Jul 2025 16:46	SY/MD	Ok
16	Q2529-04	VW031781.D	09 Jul 2025 17:08	SY/MD	Ok
17	Q2529-05	VW031782.D	09 Jul 2025 17:30	SY/MD	ReRun
18	Q2529-06	VW031783.D	09 Jul 2025 17:52	SY/MD	ReRun
19	Q2529-07	VW031784.D	09 Jul 2025 18:14	SY/MD	ReRun
20	Q2529-08	VW031785.D	09 Jul 2025 18:36	SY/MD	ReRun
21	Q2529-09	VW031786.D	09 Jul 2025 18:57	SY/MD	ReRun

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW070925

Review By	Mahesh Dadoda	Review On	7/14/2025 7:37:29 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:50:58 AM				
SubDirectory	VW070925	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134687
Initial Calibration Stds	
CCC	VP134688,VP134689
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2529-10	VW031787.D	09 Jul 2025 19:19	SY/MD	ReRun
23	VIBLK	VW031788.D	09 Jul 2025 20:25	SY/MD	Ok
24	VSTDCCC050	VW031789.D	09 Jul 2025 20:46	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071025

Review By	Mahesh Dadoda	Review On	7/14/2025 7:38:05 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:52:00 AM				
SubDirectory	VW071025	HP Acquire Method	MSVOA_W		HP Processing Method	82w063025s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP134704
Initial Calibration Stds	
CCC	VP134705,VP134706
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031790.D	10 Jul 2025 08:16	SY/MD	Ok
2	VSTDCCC050	VW031791.D	10 Jul 2025 08:47	SY/MD	Ok,M
3	VW0710SBL01	VW031792.D	10 Jul 2025 10:15	SY/MD	Ok
4	VW0710SBS01	VW031793.D	10 Jul 2025 11:05	SY/MD	Ok,M
5	VW0710SBSD01	VW031794.D	10 Jul 2025 11:33	SY/MD	Ok,M
6	Q2480-03RE	VW031795.D	10 Jul 2025 12:19	SY/MD	Confirms
7	Q2480-04	VW031796.D	10 Jul 2025 12:41	SY/MD	Dilution
8	Q2480-06	VW031797.D	10 Jul 2025 13:03	SY/MD	Dilution
9	Q2529-05	VW031798.D	10 Jul 2025 13:25	SY/MD	Ok
10	Q2529-06	VW031799.D	10 Jul 2025 13:47	SY/MD	Ok
11	Q2529-07	VW031800.D	10 Jul 2025 14:09	SY/MD	Ok
12	Q2529-08	VW031801.D	10 Jul 2025 14:30	SY/MD	Ok
13	Q2529-09	VW031802.D	10 Jul 2025 14:52	SY/MD	Ok,M
14	Q2529-10	VW031803.D	10 Jul 2025 15:14	SY/MD	Ok
15	Q2555-01	VW031804.D	10 Jul 2025 15:36	SY/MD	Ok
16	Q2555-03	VW031805.D	10 Jul 2025 15:58	SY/MD	Ok
17	Q2539-01	VW031806.D	10 Jul 2025 16:20	SY/MD	Ok
18	Q2550-02	VW031807.D	10 Jul 2025 16:42	SY/MD	Ok
19	Q2551-02	VW031808.D	10 Jul 2025 17:04	SY/MD	Ok
20	Q2543-01	VW031809.D	10 Jul 2025 17:26	SY/MD	Ok
21	Q2543-02	VW031810.D	10 Jul 2025 17:48	SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071025

Review By	Mahesh Dadoda	Review On	7/14/2025 7:38:05 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:52:00 AM				
SubDirectory	VW071025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134704
Initial Calibration Stds	
CCC	VP134705,VP134706
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2543-03	VW031811.D	10 Jul 2025 18:10	SY/MD	Ok
23	Q2543-04	VW031812.D	10 Jul 2025 18:32	SY/MD	Ok
24	Q2558-01	VW031813.D	10 Jul 2025 18:53	SY/MD	Ok
25	Q2558-03	VW031814.D	10 Jul 2025 19:15	SY/MD	Ok
26	VSTDCCC050	VW031815.D	10 Jul 2025 19:59	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/14/2025 7:47:20 AM		
SubDirectory	VX071025	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134710
Initial Calibration Stds	
CCC	VP134714,VP134715
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046932.D	10 Jul 2025 08:43	JC/MD	Ok
2	VSTDCCC050	VX046933.D	10 Jul 2025 09:54	JC/MD	Ok,M
3	VX0710MBL01	VX046934.D	10 Jul 2025 10:22	JC/MD	Ok
4	VX0710WBL01	VX046935.D	10 Jul 2025 11:44	JC/MD	Ok
5	VX0710WBS01	VX046936.D	10 Jul 2025 12:10	JC/MD	Ok,M
6	VX0710WBSD01	VX046937.D	10 Jul 2025 12:35	JC/MD	Ok,M
7	IBLK	VX046938.D	10 Jul 2025 12:57	JC/MD	Ok
8	Q2553-06	VX046939.D	10 Jul 2025 13:18	JC/MD	Ok
9	Q2553-05	VX046940.D	10 Jul 2025 13:39	JC/MD	ReRun
10	Q2554-02	VX046941.D	10 Jul 2025 14:00	JC/MD	Ok
11	Q2554-04	VX046942.D	10 Jul 2025 14:21	JC/MD	Ok
12	Q2553-01	VX046943.D	10 Jul 2025 14:43	JC/MD	Ok,M
13	Q2553-02	VX046944.D	10 Jul 2025 15:04	JC/MD	Ok,M
14	Q2553-03	VX046945.D	10 Jul 2025 15:26	JC/MD	Ok,M
15	Q2553-04	VX046946.D	10 Jul 2025 15:47	JC/MD	Ok,M
16	PB168762TB	VX046947.D	10 Jul 2025 16:08	JC/MD	Ok,M
17	Q2517-04	VX046948.D	10 Jul 2025 16:30	JC/MD	Ok
18	Q2519-04	VX046949.D	10 Jul 2025 16:51	JC/MD	Ok,M
19	Q2554-03	VX046950.D	10 Jul 2025 17:12	JC/MD	Ok
20	Q2554-01	VX046951.D	10 Jul 2025 17:34	JC/MD	Ok,M
21	IBLK	VX046952.D	10 Jul 2025 17:55	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/14/2025 7:47:20 AM		
SubDirectory	VX071025	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134710
Initial Calibration Stds	
CCC	VP134714,VP134715
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX0710MBS01	VX046953.D	10 Jul 2025 18:16	JC/MD	Ok,M
23	VX0710MBSD01	VX046954.D	10 Jul 2025 18:37	JC/MD	Ok,M
24	Q2480-05	VX046955.D	10 Jul 2025 18:59	JC/MD	Ok,M
25	Q2480-06ME	VX046956.D	10 Jul 2025 19:20	JC/MD	Ok,M
26	Q2480-07ME	VX046957.D	10 Jul 2025 19:41	JC/MD	Ok,M
27	Q2480-08	VX046958.D	10 Jul 2025 20:02	JC/MD	Ok,M
28	VSTDCCC050	VX046959.D	10 Jul 2025 20:23	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046960.D	14 Jul 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX046961.D	14 Jul 2025 09:16	JC/MD	Ok,M
3	VX0714MBL01	VX046962.D	14 Jul 2025 10:54	JC/MD	Ok
4	VX0714WBL01	VX046963.D	14 Jul 2025 11:18	JC/MD	Ok
5	VX0714MBS01	VX046964.D	14 Jul 2025 11:39	JC/MD	Ok,M
6	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06	JC/MD	Ok,M
7	Q2480-04ME	VX046966.D	14 Jul 2025 12:27	JC/MD	Ok
8	Q2480-02ME	VX046967.D	14 Jul 2025 12:49	JC/MD	Ok,M
9	VX0714WBS01	VX046968.D	14 Jul 2025 13:10	JC/MD	Ok,M
10	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37	JC/MD	Ok,M
11	Q2523-01	VX046970.D	14 Jul 2025 13:58	JC/MD	Not Ok
12	Q2526-02	VX046971.D	14 Jul 2025 14:19	JC/MD	Not Ok
13	Q2565-03	VX046972.D	14 Jul 2025 14:41	JC/MD	Not Ok
14	Q2565-04	VX046973.D	14 Jul 2025 15:02	JC/MD	Not Ok
15	Q2565-05	VX046974.D	14 Jul 2025 15:23	JC/MD	Not Ok
16	IBLK	VX046975.D	14 Jul 2025 15:45	JC/MD	Ok
17	Q2578-01	VX046976.D	14 Jul 2025 16:06	JC/MD	ReRun
18	Q2578-05	VX046977.D	14 Jul 2025 16:28	JC/MD	ReRun
19	Q2578-09	VX046978.D	14 Jul 2025 16:49	JC/MD	ReRun
20	Q2578-13	VX046979.D	14 Jul 2025 17:10	JC/MD	ReRun
21	Q2578-17	VX046980.D	14 Jul 2025 17:31	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2579-01	VX046981.D	14 Jul 2025 17:53	JC/MD	ReRun
23	Q2579-05	VX046982.D	14 Jul 2025 18:14	JC/MD	ReRun
24	IBLK	VX046983.D	14 Jul 2025 18:35	JC/MD	Ok
25	Q2553-05	VX046984.D	14 Jul 2025 18:56	JC/MD	Ok
26	Q2595-01	VX046985.D	14 Jul 2025 19:17	JC/MD	Not Ok
27	VSTDCCC050	VX046986.D	14 Jul 2025 19:38	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM				
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022775.D	23 Jun 2025 10:17	SY/MD	Ok
2	VSTDICC005	VY022776.D	23 Jun 2025 13:38	SY/MD	Ok,M
3	VSTDICC010	VY022777.D	23 Jun 2025 14:00	SY/MD	Ok,M
4	VSTDICC020	VY022778.D	23 Jun 2025 14:23	SY/MD	Ok,M
5	VSTDICCC050	VY022779.D	23 Jun 2025 14:46	SY/MD	Ok,M
6	VSTDICC100	VY022780.D	23 Jun 2025 15:08	SY/MD	Ok,M
7	VSTDICC150	VY022781.D	23 Jun 2025 15:31	SY/MD	Ok,M
8	VIBLK	VY022782.D	23 Jun 2025 15:54	SY/MD	Ok
9	VSTDICV050	VY022783.D	23 Jun 2025 16:17	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070725

Review By	Mahesh Dadoda	Review On	7/8/2025 3:35:09 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/8/2025 3:38:12 PM				
SubDirectory	VY070725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134656
Initial Calibration Stds	
CCC	VP134657,VP134658
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022945.D	07 Jul 2025 08:36	SY/MD	Ok
2	VSTDCCC050	VY022946.D	07 Jul 2025 09:08	SY/MD	Ok,M
3	VY0707SBL01	VY022947.D	07 Jul 2025 09:44	SY/MD	Ok
4	VY0707SBS01	VY022948.D	07 Jul 2025 10:17	SY/MD	Ok,M
5	VY0707SBSD01	VY022949.D	07 Jul 2025 10:40	SY/MD	Ok,M
6	Q2507-03	VY022950.D	07 Jul 2025 11:18	SY/MD	ReRun
7	Q2513-01	VY022951.D	07 Jul 2025 11:41	SY/MD	Ok
8	Q2513-03	VY022952.D	07 Jul 2025 12:04	SY/MD	Ok
9	Q2504-02	VY022953.D	07 Jul 2025 12:28	SY/MD	ReRun
10	Q2515-01	VY022954.D	07 Jul 2025 12:51	SY/MD	Ok,M
11	Q2487-07RE	VY022955.D	07 Jul 2025 13:15	SY/MD	Confirms
12	Q2487-08	VY022956.D	07 Jul 2025 13:38	SY/MD	Ok
13	Q2510-02	VY022957.D	07 Jul 2025 14:02	SY/MD	Ok,M
14	Q2484-01	VY022958.D	07 Jul 2025 14:25	SY/MD	Ok
15	Q2484-02	VY022959.D	07 Jul 2025 14:48	SY/MD	Ok
16	Q2484-03	VY022960.D	07 Jul 2025 15:12	SY/MD	Ok
17	Q2484-04	VY022961.D	07 Jul 2025 15:35	SY/MD	Ok
18	Q2484-05	VY022962.D	07 Jul 2025 15:59	SY/MD	ReRun
19	Q2484-06	VY022963.D	07 Jul 2025 16:22	SY/MD	Ok
20	Q2514-01	VY022964.D	07 Jul 2025 16:45	SY/MD	Ok
21	Q2514-02	VY022965.D	07 Jul 2025 17:09	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070725

Review By	Mahesh Dadoda	Review On	7/8/2025 3:35:09 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/8/2025 3:38:12 PM				
SubDirectory	VY070725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134656
Initial Calibration Stds	
CCC	VP134657,VP134658
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2480-01	VY022966.D	07 Jul 2025 17:32	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070825

Review By	Mahesh Dadoda	Review On	7/9/2025 4:21:01 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/9/2025 4:22:56 PM				
SubDirectory	VY070825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134673
Initial Calibration Stds	
CCC	VP134675,VP134676
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022967.D	08 Jul 2025 08:30	SY/MD	Ok
2	VSTDCCC050	VY022968.D	08 Jul 2025 11:15	SY/MD	Ok,M
3	VY0708SBL01	VY022969.D	08 Jul 2025 11:44	SY/MD	Ok
4	VY0708SBS01	VY022970.D	08 Jul 2025 12:12	SY/MD	Ok,M
5	VY0708SBSD01	VY022971.D	08 Jul 2025 12:35	SY/MD	Ok,M
6	Q2507-03	VY022972.D	08 Jul 2025 13:43	SY/MD	Ok
7	Q2504-02RE	VY022973.D	08 Jul 2025 14:16	SY/MD	Confirms
8	Q2484-05	VY022974.D	08 Jul 2025 14:40	SY/MD	Ok
9	Q2514-03	VY022975.D	08 Jul 2025 15:03	SY/MD	Ok
10	Q2514-04	VY022976.D	08 Jul 2025 15:26	SY/MD	Ok
11	Q2514-05	VY022977.D	08 Jul 2025 15:50	SY/MD	Ok
12	Q2514-06	VY022978.D	08 Jul 2025 16:13	SY/MD	ReRun
13	Q2514-07	VY022979.D	08 Jul 2025 16:37	SY/MD	Ok
14	Q2514-08	VY022980.D	08 Jul 2025 17:00	SY/MD	Ok
15	Q2514-09	VY022981.D	08 Jul 2025 17:23	SY/MD	Ok
16	Q2514-10	VY022982.D	08 Jul 2025 17:47	SY/MD	Ok
17	Q2480-02	VY022983.D	08 Jul 2025 18:10	SY/MD	Dilution
18	Q2480-03	VY022984.D	08 Jul 2025 18:34	SY/MD	ReRun
19	Q2480-04	VY022985.D	08 Jul 2025 18:57	SY/MD	ReRun
20	Q2517-03	VY022986.D	08 Jul 2025 19:21	SY/MD	Ok
21	VIBLK	VY022987.D	08 Jul 2025 19:44	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070825

Review By	Mahesh Dadoda	Review On	7/9/2025 4:21:01 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/9/2025 4:22:56 PM				
SubDirectory	VY070825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134673
Initial Calibration Stds	
CCC	VP134675,VP134676
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY022988.D	08 Jul 2025 20:07	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM		
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031728.D	30 Jun 2025 08:56		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW031729.D	30 Jun 2025 09:54		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW031730.D	30 Jun 2025 10:15	8260-soil-method	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW031731.D	30 Jun 2025 10:58		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	Comp. #20 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW031733.D	30 Jun 2025 12:34		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW031734.D	30 Jun 2025 12:55		SY/MD	Ok,M
8	VIBLK	VIBLK	VW031735.D	30 Jun 2025 14:11		SY/MD	Ok
9	VSTDICV050	ICVVW063025	VW031736.D	30 Jun 2025 15:23		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW070925

Review By	Mahesh Dadoda	Review On	7/14/2025 7:37:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:50:58 AM		
SubDirectory	VW070925	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134687
Initial Calibration Stds	
CCC	VP134688,VP134689
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031766.D	09 Jul 2025 08:51		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031767.D	09 Jul 2025 10:00		SY/MD	Ok,M
3	VW0709SBL01	VW0709SBL01	VW031768.D	09 Jul 2025 10:58		SY/MD	Ok
4	VW0709SBS01	VW0709SBS01	VW031769.D	09 Jul 2025 11:34	BS Failed High For Com.#20	SY/MD	Ok,M
5	VW0709SBSD01	VW0709SBSD01	VW031770.D	09 Jul 2025 11:56	BSD Failed High For Comp.#20	SY/MD	Ok,M
6	VW0709SBS02	VW0709SBS02	VW031771.D	09 Jul 2025 13:29	Not Required	SY/MD	Not Ok
7	Q2519-03	TP-15 VOC	VW031772.D	09 Jul 2025 13:51	vial-A	SY/MD	Ok
8	Q2527-01	AR520-0015	VW031773.D	09 Jul 2025 14:13	vial-A	SY/MD	Ok
9	Q2526-04	LAW-25-0102	VW031774.D	09 Jul 2025 14:34	vial-A	SY/MD	Ok
10	Q2514-06	TP-103	VW031775.D	09 Jul 2025 14:56	vial-B	SY/MD	Ok
11	Q2480-06	GPX6	VW031776.D	09 Jul 2025 15:18	Bad purge	SY/MD	Not Ok
12	Q2480-07	GPX7	VW031777.D	09 Jul 2025 15:40	vial-A Surrogate fail;Need MeOH	SY/MD	Dilution
13	Q2529-01	TP-91	VW031778.D	09 Jul 2025 16:02	vial-A	SY/MD	Ok
14	Q2529-02	TP-80	VW031779.D	09 Jul 2025 16:24	vial-A	SY/MD	Ok
15	Q2529-03	TP-79	VW031780.D	09 Jul 2025 16:46	vial-A	SY/MD	Ok
16	Q2529-04	TP-95	VW031781.D	09 Jul 2025 17:08	vial-A	SY/MD	Ok
17	Q2529-05	TP-98	VW031782.D	09 Jul 2025 17:30	vial-A BS,BSD Failed High	SY/MD	ReRun
18	Q2529-06	TP-102	VW031783.D	09 Jul 2025 17:52	vial-A BS,BSD Failed High	SY/MD	ReRun

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW070925

Review By	Mahesh Dadoda	Review On	7/14/2025 7:37:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:50:58 AM		
SubDirectory	VW070925	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134687
Initial Calibration Stds	
CCC	VP134688,VP134689
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2529-07	TP-101	VW031784.D	09 Jul 2025 18:14	vial-A BS,BSD Failed High	SY/MD	ReRun
20	Q2529-08	TP-89	VW031785.D	09 Jul 2025 18:36	vial-A BS,BSD Failed High	SY/MD	ReRun
21	Q2529-09	TP-33	VW031786.D	09 Jul 2025 18:57	vial-A BS,BSD Failed High	SY/MD	ReRun
22	Q2529-10	TP-30	VW031787.D	09 Jul 2025 19:19	vial-A BS,BSD Failed High	SY/MD	ReRun
23	VIBLK	VIBLK	VW031788.D	09 Jul 2025 20:25		SY/MD	Ok
24	VSTDCCC050	VSTDCCC050EC	VW031789.D	09 Jul 2025 20:46		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071025

Review By	Mahesh Dadoda	Review On	7/14/2025 7:38:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:52:00 AM		
SubDirectory	VW071025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134704
Initial Calibration Stds	
CCC	VP134705,VP134706
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031790.D	10 Jul 2025 08:16		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031791.D	10 Jul 2025 08:47		SY/MD	Ok,M
3	VW0710SBL01	VW0710SBL01	VW031792.D	10 Jul 2025 10:15		SY/MD	Ok
4	VW0710SBS01	VW0710SBS01	VW031793.D	10 Jul 2025 11:05		SY/MD	Ok,M
5	VW0710SBSD01	VW0710SBSD01	VW031794.D	10 Jul 2025 11:33		SY/MD	Ok,M
6	Q2480-03RE	GPX3RE	VW031795.D	10 Jul 2025 12:19	vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms
7	Q2480-04	GPX4	VW031796.D	10 Jul 2025 12:41	vial-B Need MeOH	SY/MD	Dilution
8	Q2480-06	GPX6	VW031797.D	10 Jul 2025 13:03	vial-B Surrogate fail;Need MeOH	SY/MD	Dilution
9	Q2529-05	TP-98	VW031798.D	10 Jul 2025 13:25	vial-B	SY/MD	Ok
10	Q2529-06	TP-102	VW031799.D	10 Jul 2025 13:47	vial-B	SY/MD	Ok
11	Q2529-07	TP-101	VW031800.D	10 Jul 2025 14:09	vial-B	SY/MD	Ok
12	Q2529-08	TP-89	VW031801.D	10 Jul 2025 14:30	vial-B	SY/MD	Ok
13	Q2529-09	TP-33	VW031802.D	10 Jul 2025 14:52	vial-B	SY/MD	Ok,M
14	Q2529-10	TP-30	VW031803.D	10 Jul 2025 15:14	vial-B	SY/MD	Ok
15	Q2555-01	OU4-TS-29-070925	VW031804.D	10 Jul 2025 15:36	vial-A	SY/MD	Ok
16	Q2555-03	OU4-TS-30-070925	VW031805.D	10 Jul 2025 15:58	vial-A	SY/MD	Ok
17	Q2539-01	HACKENSACK	VW031806.D	10 Jul 2025 16:20	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071025

Review By	Mahesh Dadoda	Review On	7/14/2025 7:38:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/14/2025 7:52:00 AM		
SubDirectory	VW071025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134704
Initial Calibration Stds	
CCC	VP134705,VP134706
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2550-02	VNJ-203	VW031807.D	10 Jul 2025 16:42	vial-A	SY/MD	Ok
19	Q2551-02	VNJ-204	VW031808.D	10 Jul 2025 17:04	vial-A	SY/MD	Ok
20	Q2543-01	TP-41	VW031809.D	10 Jul 2025 17:26	vial-A	SY/MD	Ok
21	Q2543-02	TP-49	VW031810.D	10 Jul 2025 17:48	vial-A	SY/MD	Ok
22	Q2543-03	TP-23	VW031811.D	10 Jul 2025 18:10	vial-A	SY/MD	Ok
23	Q2543-04	TP-23-99	VW031812.D	10 Jul 2025 18:32	vial-A	SY/MD	Ok
24	Q2558-01	OU4-TS-Denali-070925	VW031813.D	10 Jul 2025 18:53	vial-A	SY/MD	Ok
25	Q2558-03	OU4-TS-Grillo-OG-070	VW031814.D	10 Jul 2025 19:15	vial-A	SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VW031815.D	10 Jul 2025 19:59		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/14/2025 7:47:20 AM		
SubDirectory	VX071025	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134710
Initial Calibration Stds	
CCC	VP134714,VP134715
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	VX046932.D	10 Jul 2025 08:43		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046933.D	10 Jul 2025 09:54		JC/MD	Ok,M
3	VX0710MBL01	VX0710MBL01	VX046934.D	10 Jul 2025 10:22		JC/MD	Ok
4	VX0710WBL01	VX0710WBL01	VX046935.D	10 Jul 2025 11:44		JC/MD	Ok
5	VX0710WBS01	VX0710WBS01	VX046936.D	10 Jul 2025 12:10		JC/MD	Ok,M
6	VX0710WBSD01	VX0710WBSD01	VX046937.D	10 Jul 2025 12:35		JC/MD	Ok,M
7	IBLK	IBLK	VX046938.D	10 Jul 2025 12:57		JC/MD	Ok
8	Q2553-06	TB	VX046939.D	10 Jul 2025 13:18	vial A pH<2 TB	JC/MD	Ok
9	Q2553-05	FB	VX046940.D	10 Jul 2025 13:39	vial A pH<2 FB;Hit of com.#17	JC/MD	ReRun
10	Q2554-02	250709059-10 Trip blar	VX046941.D	10 Jul 2025 14:00	vial A pH#6.0 TB	JC/MD	Ok
11	Q2554-04	250709059-11 Trip blar	VX046942.D	10 Jul 2025 14:21	vial A pH#6.0 TB	JC/MD	Ok
12	Q2553-01	AOC-201	VX046943.D	10 Jul 2025 14:43	vial A pH<2	JC/MD	Ok,M
13	Q2553-02	AOC-202	VX046944.D	10 Jul 2025 15:04	vial A pH<2	JC/MD	Ok,M
14	Q2553-03	AOC-203	VX046945.D	10 Jul 2025 15:26	vial A pH<2	JC/MD	Ok,M
15	Q2553-04	AOC-205	VX046946.D	10 Jul 2025 15:47	vial A pH<2	JC/MD	Ok,M
16	PB168762TB	PB168762TB	VX046947.D	10 Jul 2025 16:08		JC/MD	Ok,M
17	Q2517-04	TP-14	VX046948.D	10 Jul 2025 16:30	vial A pH#5.0	JC/MD	Ok
18	Q2519-04	TP-15	VX046949.D	10 Jul 2025 16:51	vial A pH#5.0	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

Review By	John Carlone	Review On	7/11/2025 8:53:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/14/2025 7:47:20 AM		
SubDirectory	VX071025	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134710
Initial Calibration Stds	
CCC	VP134714,VP134715
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2554-03	250709104-01 VOA	VX046950.D	10 Jul 2025 17:12	vial A pH#6.0	JC/MD	Ok
20	Q2554-01	250709071-01 VOA	VX046951.D	10 Jul 2025 17:34	vial A pH#6.0 Need 5X. No more vials.	JC/MD	Ok,M
21	IBLK	IBLK	VX046952.D	10 Jul 2025 17:55		JC/MD	Ok
22	VX0710MBS01	VX0710MBS01	VX046953.D	10 Jul 2025 18:16	BS Failed Low for com.#05	JC/MD	Ok,M
23	VX0710MBSD01	VX0710MBSD01	VX046954.D	10 Jul 2025 18:37	BSD Failed Low for com.#05	JC/MD	Ok,M
24	Q2480-05	GPX5	VX046955.D	10 Jul 2025 18:59		JC/MD	Ok,M
25	Q2480-06ME	GPX6ME	VX046956.D	10 Jul 2025 19:20		JC/MD	Ok,M
26	Q2480-07ME	GPX7ME	VX046957.D	10 Jul 2025 19:41		JC/MD	Ok,M
27	Q2480-08	GPX8	VX046958.D	10 Jul 2025 20:02		JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX046959.D	10 Jul 2025 20:23		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
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	VX046960.D	14 Jul 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046961.D	14 Jul 2025 09:16		JC/MD	Ok,M
3	VX0714MBL01	VX0714MBL01	VX046962.D	14 Jul 2025 10:54		JC/MD	Ok
4	VX0714WBL01	VX0714WBL01	VX046963.D	14 Jul 2025 11:18		JC/MD	Ok
5	VX0714MBS01	VX0714MBS01	VX046964.D	14 Jul 2025 11:39		JC/MD	Ok,M
6	VX0714MBSD01	VX0714MBSD01	VX046965.D	14 Jul 2025 12:06		JC/MD	Ok,M
7	Q2480-04ME	GPX4ME	VX046966.D	14 Jul 2025 12:27		JC/MD	Ok
8	Q2480-02ME	GPX2ME	VX046967.D	14 Jul 2025 12:49		JC/MD	Ok,M
9	VX0714WBS01	VX0714WBS01	VX046968.D	14 Jul 2025 13:10		JC/MD	Ok,M
10	VX0714WBSD01	VX0714WBSD01	VX046969.D	14 Jul 2025 13:37		JC/MD	Ok,M
11	Q2523-01	MOO-25-0190	VX046970.D	14 Jul 2025 13:58	Need Soil Run	JC/MD	Not Ok
12	Q2526-02	LAW-25-0101	VX046971.D	14 Jul 2025 14:19	Need Soil Run	JC/MD	Not Ok
13	Q2565-03	MOO-25-0191	VX046972.D	14 Jul 2025 14:41	Need Soil Run	JC/MD	Not Ok
14	Q2565-04	MOO-25-0196	VX046973.D	14 Jul 2025 15:02	Need Soil Run	JC/MD	Not Ok
15	Q2565-05	MOO-25-0180	VX046974.D	14 Jul 2025 15:23	Need Soil Run	JC/MD	Not Ok
16	IBLK	IBLK	VX046975.D	14 Jul 2025 15:45		JC/MD	Ok
17	Q2578-01	WC-A5-01-G	VX046976.D	14 Jul 2025 16:06	Surrogate fail	JC/MD	ReRun
18	Q2578-05	WC-A2-09-G	VX046977.D	14 Jul 2025 16:28	Surrogate fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

Review By	Mahesh Dadoda	Review On	7/15/2025 4:54:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/15/2025 4:55:39 AM		
SubDirectory	VX071425	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134751
Initial Calibration Stds	
CCC	VP134752,VP134753
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2578-09	WC-A2-10-G	VX046978.D	14 Jul 2025 16:49	Surrogate fail	JC/MD	ReRun
20	Q2578-13	WC-A2-11-G	VX046979.D	14 Jul 2025 17:10	Surrogate fail	JC/MD	ReRun
21	Q2578-17	WC-A2-12-G	VX046980.D	14 Jul 2025 17:31	Surrogate fail	JC/MD	ReRun
22	Q2579-01	WC-A2-13-G	VX046981.D	14 Jul 2025 17:53	Surrogate fail	JC/MD	ReRun
23	Q2579-05	WC-A2-14-G	VX046982.D	14 Jul 2025 18:14	Surrogate fail	JC/MD	ReRun
24	IBLK	IBLK	VX046983.D	14 Jul 2025 18:35		JC/MD	Ok
25	Q2553-05	FB	VX046984.D	14 Jul 2025 18:56	FB	JC/MD	Ok
26	Q2595-01	CHRT-24849	VX046985.D	14 Jul 2025 19:17	Need Soil Run	JC/MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VX046986.D	14 Jul 2025 19:38		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022775.D	23 Jun 2025 10:17		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY022776.D	23 Jun 2025 13:38	LR- 58	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY022777.D	23 Jun 2025 14:00		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY022778.D	23 Jun 2025 14:23		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY022779.D	23 Jun 2025 14:46		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY022780.D	23 Jun 2025 15:08		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY022781.D	23 Jun 2025 15:31		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022782.D	23 Jun 2025 15:54		SY/MD	Ok
9	VSTDICV050	ICVVY062325	VY022783.D	23 Jun 2025 16:17		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070725

Review By	Mahesh Dadoda	Review On	7/8/2025 3:35:09 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/8/2025 3:38:12 PM		
SubDirectory	VY070725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134656
Initial Calibration Stds	
CCC	VP134657,VP134658
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022945.D	07 Jul 2025 08:36		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022946.D	07 Jul 2025 09:08		SY/MD	Ok,M
3	VY0707SBL01	VY0707SBL01	VY022947.D	07 Jul 2025 09:44		SY/MD	Ok
4	VY0707SBS01	VY0707SBS01	VY022948.D	07 Jul 2025 10:17	BS Failed High for com.#20	SY/MD	Ok,M
5	VY0707SBSD01	VY0707SBSD01	VY022949.D	07 Jul 2025 10:40	BSD Failed High for com.#20	SY/MD	Ok,M
6	Q2507-03	SU-04-07032025-VOC	VY022950.D	07 Jul 2025 11:18	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q2513-01	HR-2-070325	VY022951.D	07 Jul 2025 11:41	vial-A	SY/MD	Ok
8	Q2513-03	HR-3-070325	VY022952.D	07 Jul 2025 12:04	vial-A	SY/MD	Ok
9	Q2504-02	VOC	VY022953.D	07 Jul 2025 12:28	vial-A Internal Standard Fail;BS,BSD Failed High	SY/MD	ReRun
10	Q2515-01	WC-1	VY022954.D	07 Jul 2025 12:51	vial-A	SY/MD	Ok,M
11	Q2487-07RE	G1(4.5)RE	VY022955.D	07 Jul 2025 13:15	vial-B Internal standard fail	SY/MD	Confirms
12	Q2487-08	G1(10)	VY022956.D	07 Jul 2025 13:38	vial-A	SY/MD	Ok
13	Q2510-02	#63025-A-VOC	VY022957.D	07 Jul 2025 14:02	vial-A	SY/MD	Ok,M
14	Q2484-01	TP-58	VY022958.D	07 Jul 2025 14:25	vial-A	SY/MD	Ok
15	Q2484-02	TP-57	VY022959.D	07 Jul 2025 14:48	vial-A	SY/MD	Ok
16	Q2484-03	TP-64	VY022960.D	07 Jul 2025 15:12	vial-A	SY/MD	Ok
17	Q2484-04	TP-107	VY022961.D	07 Jul 2025 15:35	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070725

Review By	Mahesh Dadoda	Review On	7/8/2025 3:35:09 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/8/2025 3:38:12 PM		
SubDirectory	VY070725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134656
Initial Calibration Stds	
CCC	VP134657,VP134658
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2484-05	TP-106	VY022962.D	07 Jul 2025 15:59	vial-A Internal Standard Fail; Surrogate Fail	SY/MD	ReRun
19	Q2484-06	TP-104	VY022963.D	07 Jul 2025 16:22	vial-A	SY/MD	Ok
20	Q2514-01	TP-92	VY022964.D	07 Jul 2025 16:45	vial-A	SY/MD	Ok
21	Q2514-02	TP-93	VY022965.D	07 Jul 2025 17:09	vial-A	SY/MD	Ok
22	Q2480-01	GPX1	VY022966.D	07 Jul 2025 17:32	vial-A	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070825

Review By	Mahesh Dadoda	Review On	7/9/2025 4:21:01 PM			
Supervise By	Semsettin Yesilyurt	Supervise On	7/9/2025 4:22:56 PM			
SubDirectory	VY070825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP134673
Initial Calibration Stds	
CCC	VP134675,VP134676
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022967.D	08 Jul 2025 08:30		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022968.D	08 Jul 2025 11:15		SY/MD	Ok,M
3	VY0708SBL01	VY0708SBL01	VY022969.D	08 Jul 2025 11:44		SY/MD	Ok
4	VY0708SBS01	VY0708SBS01	VY022970.D	08 Jul 2025 12:12	BS Failed High for com.#20	SY/MD	Ok,M
5	VY0708SBSD01	VY0708SBSD01	VY022971.D	08 Jul 2025 12:35	BSD Failed High for com.#20	SY/MD	Ok,M
6	Q2507-03	SU-04-07032025-VOC	VY022972.D	08 Jul 2025 13:43	vial-B	SY/MD	Ok
7	Q2504-02RE	VOCRE	VY022973.D	08 Jul 2025 14:16	vial-B Internal Standard Fail;BS,BSD Failed High	SY/MD	Confirms
8	Q2484-05	TP-106	VY022974.D	08 Jul 2025 14:40	vial-B	SY/MD	Ok
9	Q2514-03	TP-94	VY022975.D	08 Jul 2025 15:03	vial-A	SY/MD	Ok
10	Q2514-04	TP-96	VY022976.D	08 Jul 2025 15:26	vial-A	SY/MD	Ok
11	Q2514-05	TP-97	VY022977.D	08 Jul 2025 15:50	vial-A	SY/MD	Ok
12	Q2514-06	TP-103	VY022978.D	08 Jul 2025 16:13	vial-A Internal Standard Fail; Surrogate Fail	SY/MD	ReRun
13	Q2514-07	TP-36	VY022979.D	08 Jul 2025 16:37	vial-A	SY/MD	Ok
14	Q2514-08	TP-78	VY022980.D	08 Jul 2025 17:00	vial-A	SY/MD	Ok
15	Q2514-09	TP-81	VY022981.D	08 Jul 2025 17:23	vial-A	SY/MD	Ok
16	Q2514-10	TP-90	VY022982.D	08 Jul 2025 17:47	vial-A	SY/MD	Ok
17	Q2480-02	GPX2	VY022983.D	08 Jul 2025 18:10	vial-A Need MeOH;Surrogate Fail;BS,BSD Failed High	SY/MD	Dilution

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY070825

Review By	Mahesh Dadoda	Review On	7/9/2025 4:21:01 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/9/2025 4:22:56 PM		
SubDirectory	VY070825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134673
Initial Calibration Stds	
CCC	VP134675,VP134676
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2480-03	GPX3	VY022984.D	08 Jul 2025 18:34	vial-A BS,BSD Failed High	SY/MD	ReRun
19	Q2480-04	GPX4	VY022985.D	08 Jul 2025 18:57	vial-A Internal Standard Fail;BS,BSD Failed High	SY/MD	ReRun
20	Q2517-03	TP-14-VOC	VY022986.D	08 Jul 2025 19:21	vial-A	SY/MD	Ok
21	VIBLK	VIBLK	VY022987.D	08 Jul 2025 19:44		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY022988.D	08 Jul 2025 20:07		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2480	**OrderDate:**	7/1/2025 3:54:51 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2480-01	**GPX1**	**SOIL**			**06/30/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/07/25	
Q2480-02	**GPX2**	**SOIL**			**06/30/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/08/25	
Q2480-02ME	**GPX2ME**	**SOIL**			**06/30/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2480-03	**GPX3**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/08/25	
Q2480-03RE	**GPX3RE**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/10/25	
Q2480-04	**GPX4**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/10/25	
Q2480-04ME	**GPX4ME**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2480-05	**GPX5**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/10/25	
Q2480-06	**GPX6**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/10/25	
Q2480-06ME	**GPX6ME**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/10/25	
Q2480-07	**GPX7**	**SOIL**			**07/01/25**			**07/01/25**
			VOC-TCLVOA-10	8260D			07/09/25	
Q2480-07ME	**GPX7ME**	**SOIL**			**07/01/25**			**07/01/25**

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LAB CHRONICLE

			VOC-TCLVOA-10	8260D		07/10/25	
Q2480-08	**GPX8**	**SOIL**			**07/01/25**		**07/01/25**
			VOC-TCLVOA-10	8260D		07/10/25	