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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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

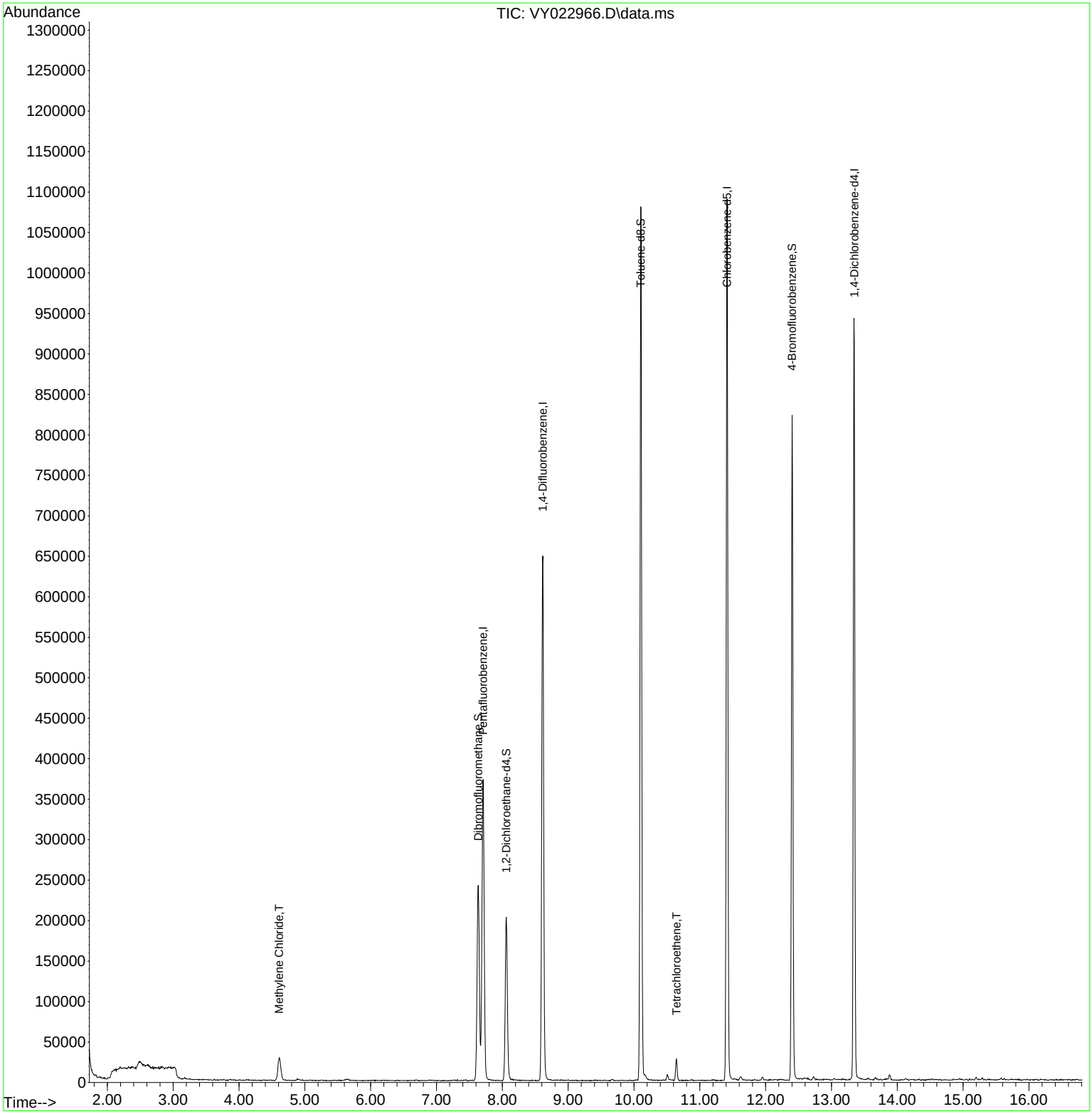
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	283156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	548345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	553452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230891	50.000	ug/l	0.00
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

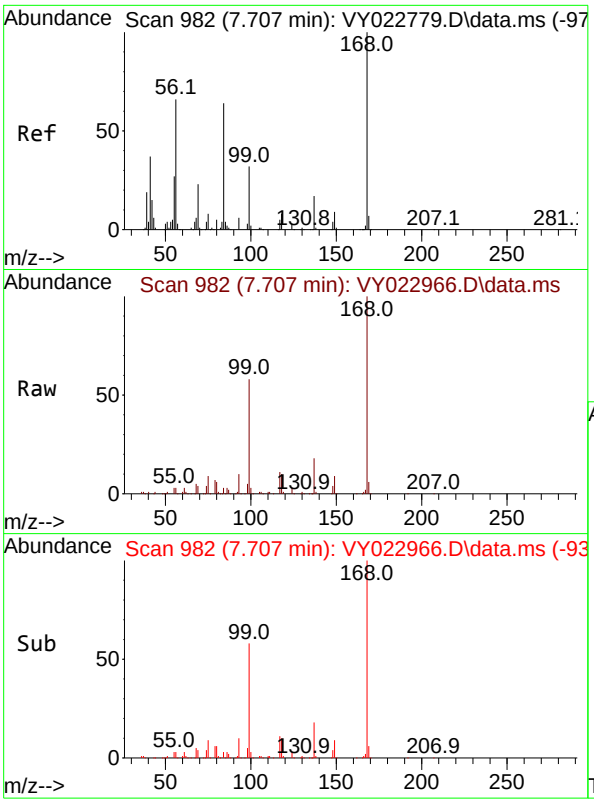
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



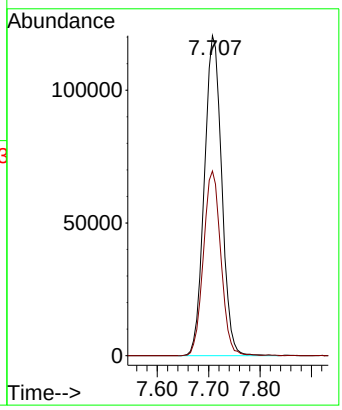


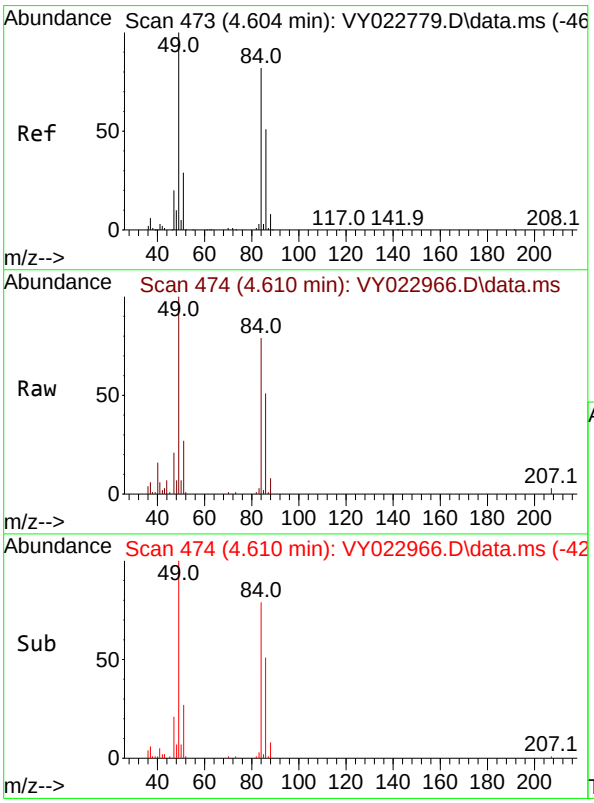
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion:168 Resp: 283156

Ion	Ratio	Lower	Upper
168	100		
99	57.7	44.3	66.5

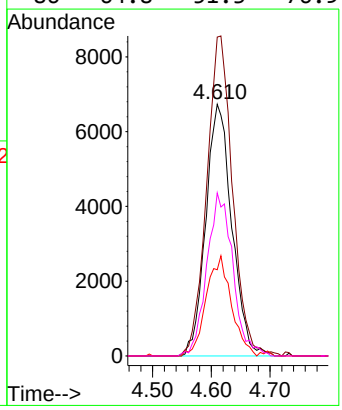


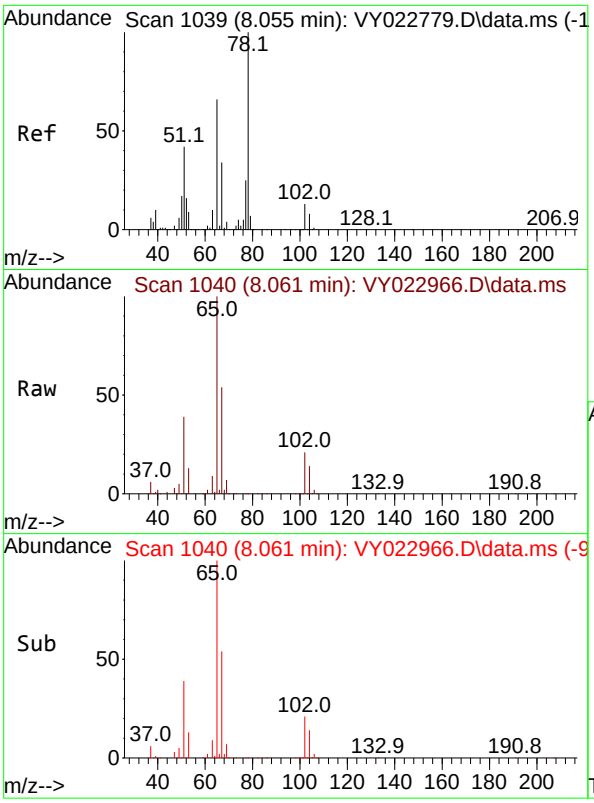


#20
Methylene Chloride
Concen: 5.511 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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



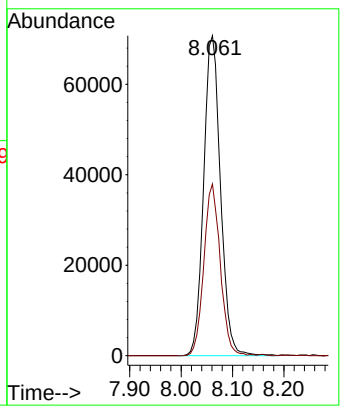


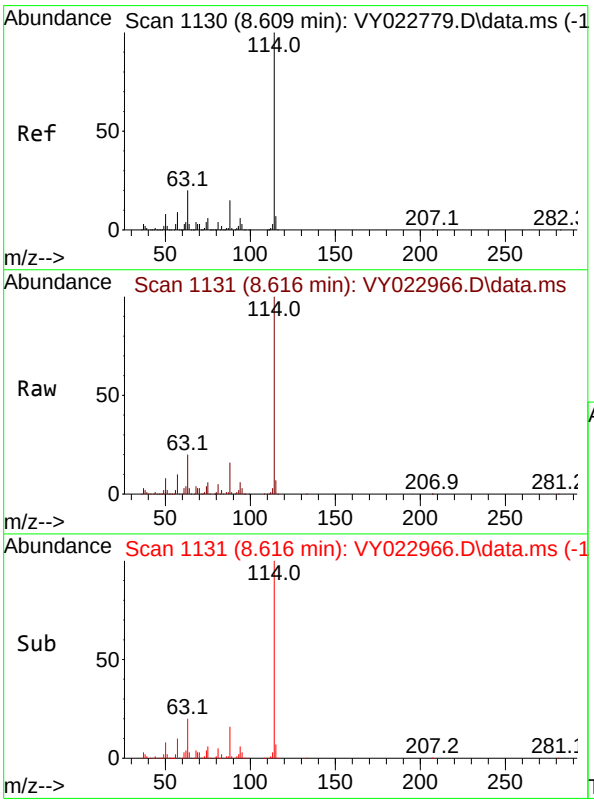
#33
1,2-Dichloroethane-d4
Concen: 50.961 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :
GPX1

Tgt Ion: 65 Resp: 161054

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.4

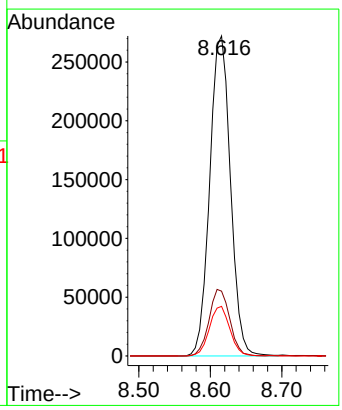


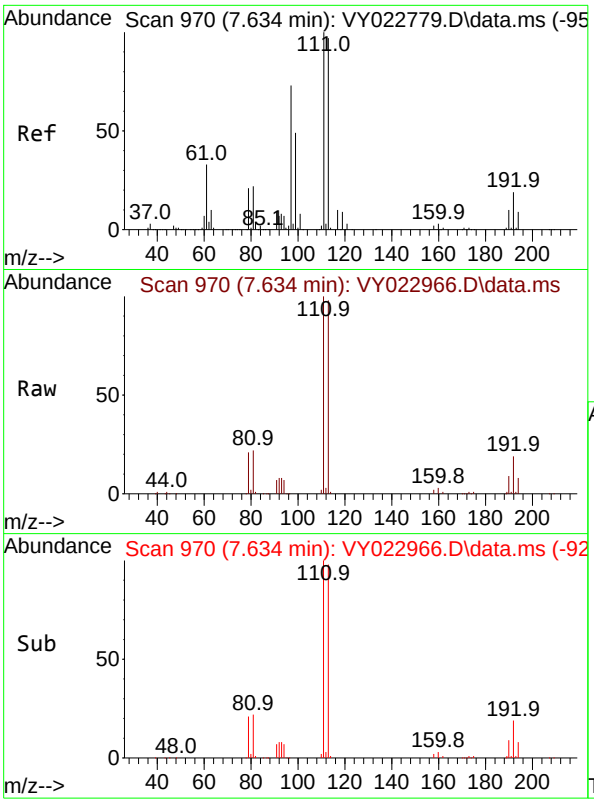


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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



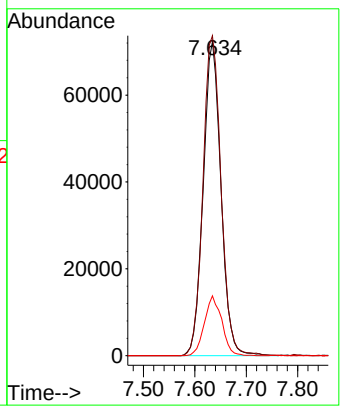


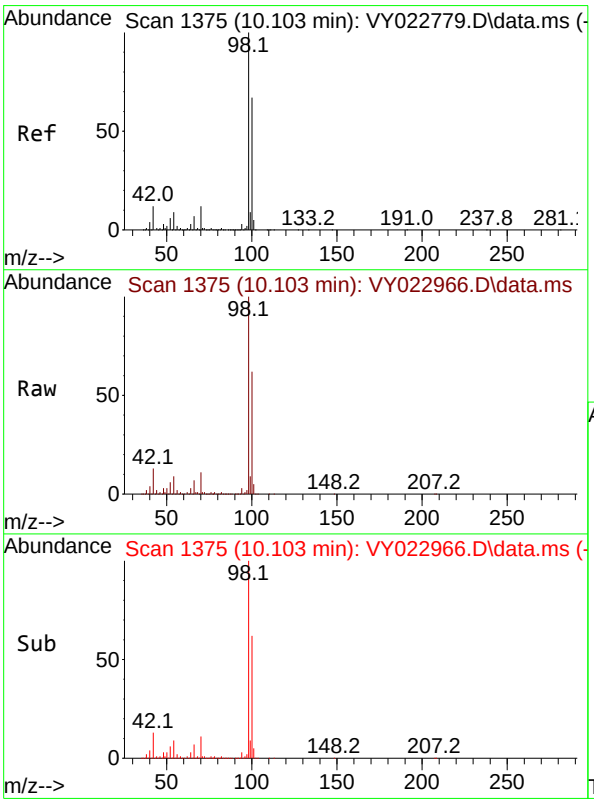
#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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

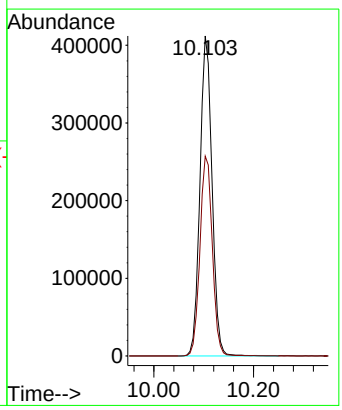


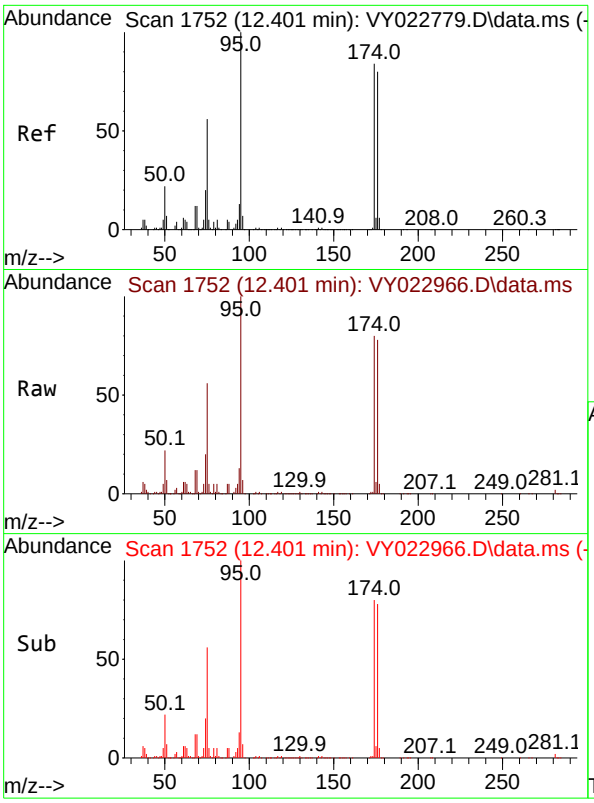


#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

Tgt Ion: 98 Resp: 691713

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



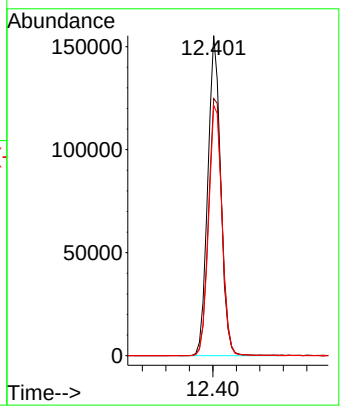


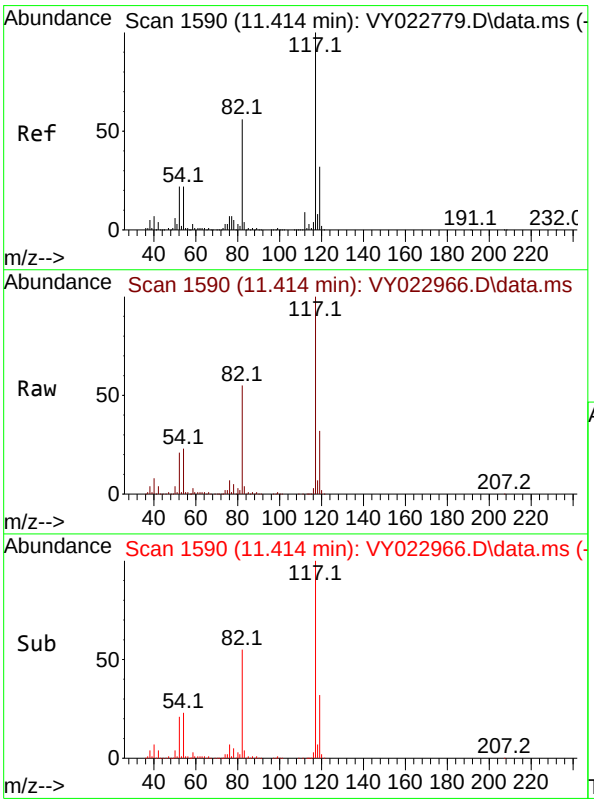
#62
4-Bromofluorobenzene
Concen: 55.628 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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

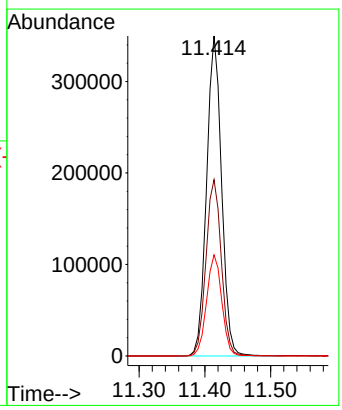


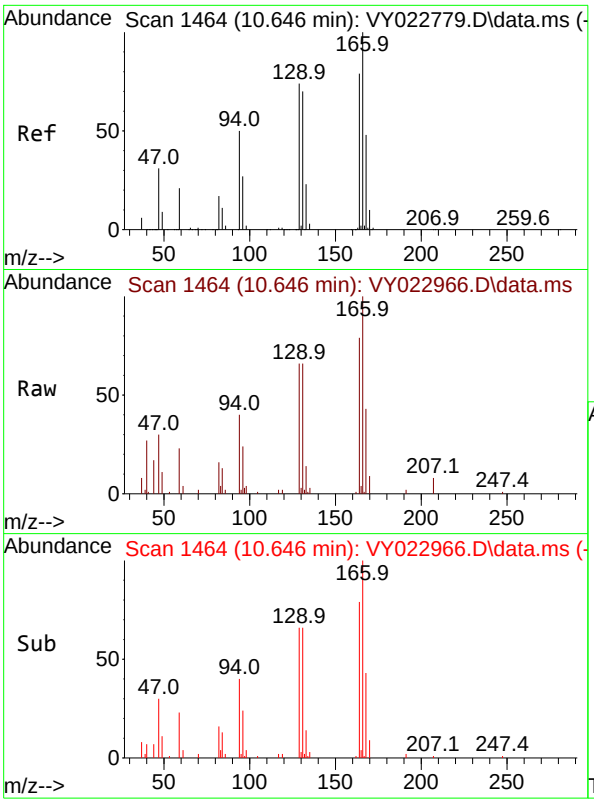


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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



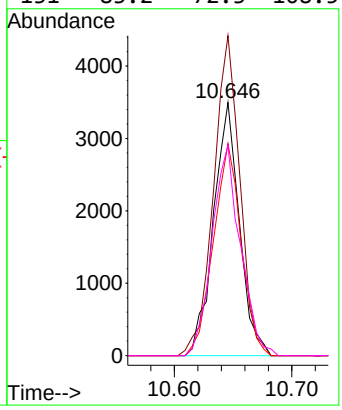


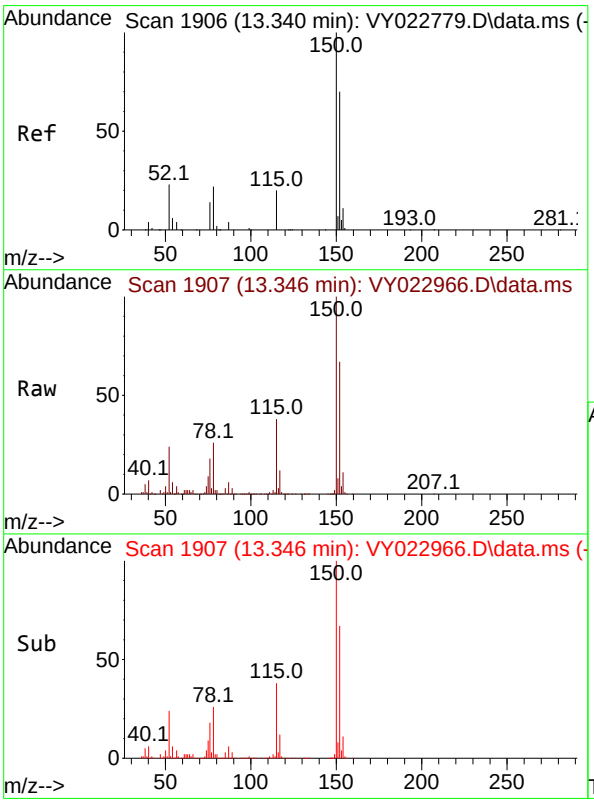
#64
Tetrachloroethene
Concen: 1.024 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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

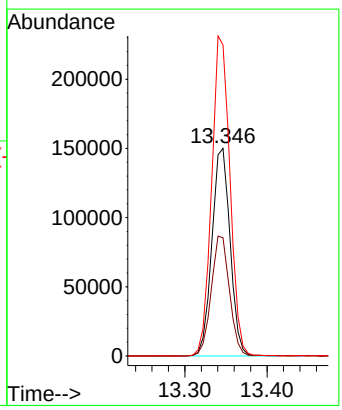




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022966.D
Acq: 07 Jul 2025 17:32

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

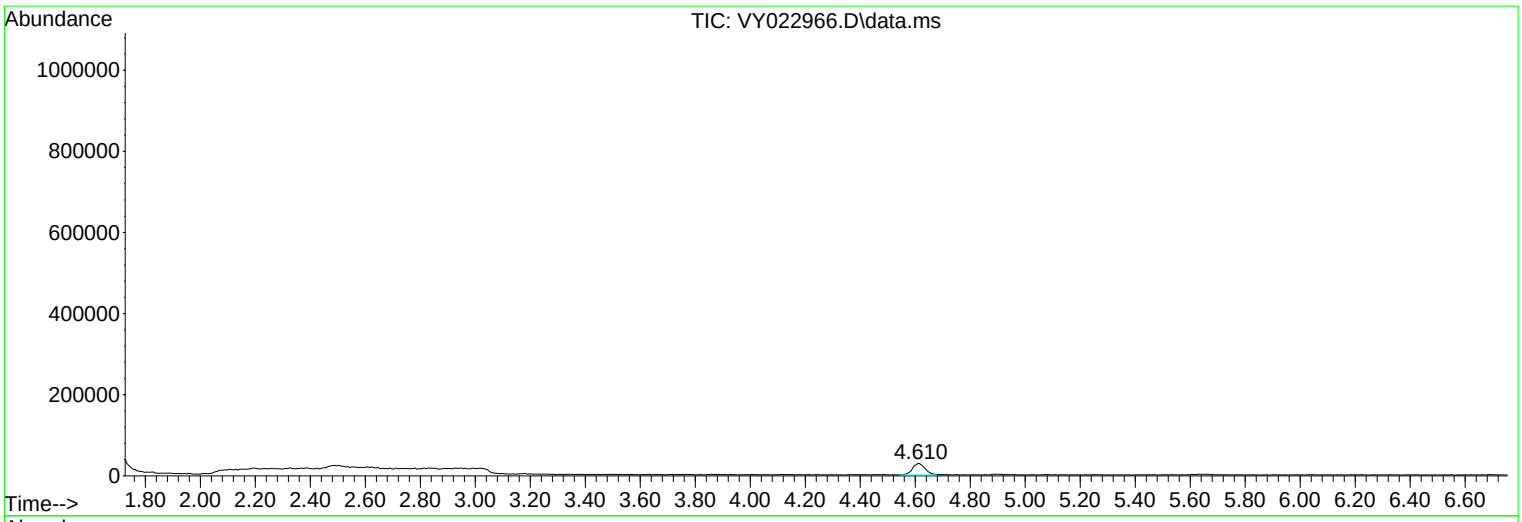
Sample Results: **VY022966.D**

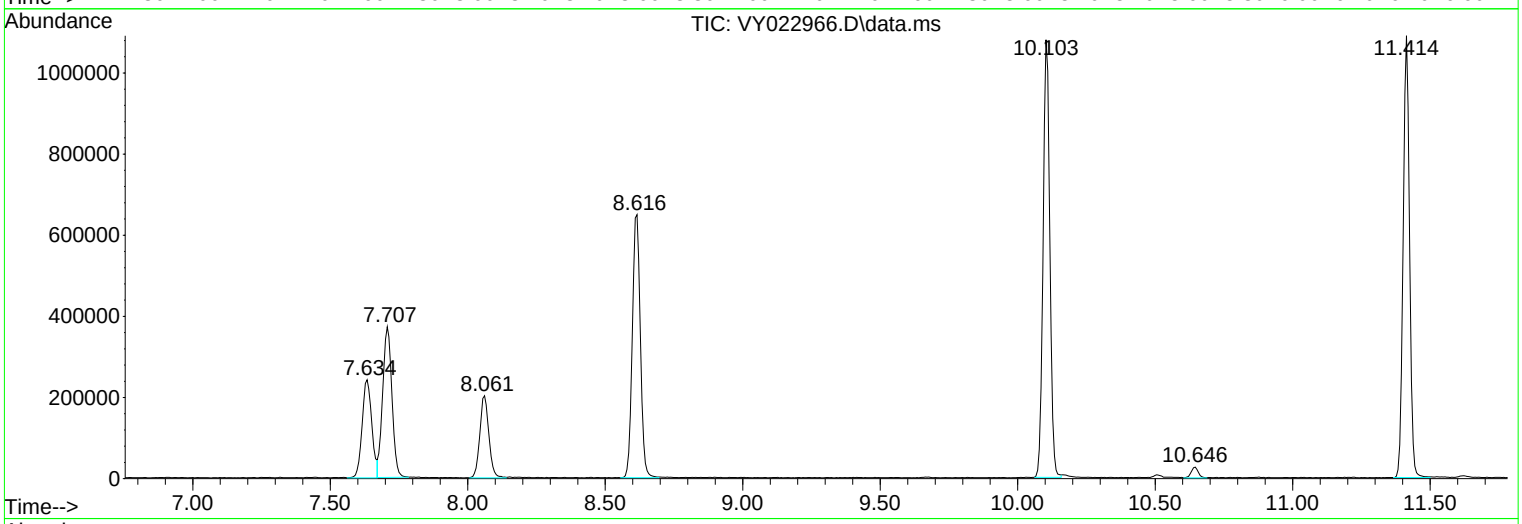
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022966.D
Acq On : 07 Jul 2025 17:32
Operator : SY/MD
Sample : Q2480-01
Misc : 8.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

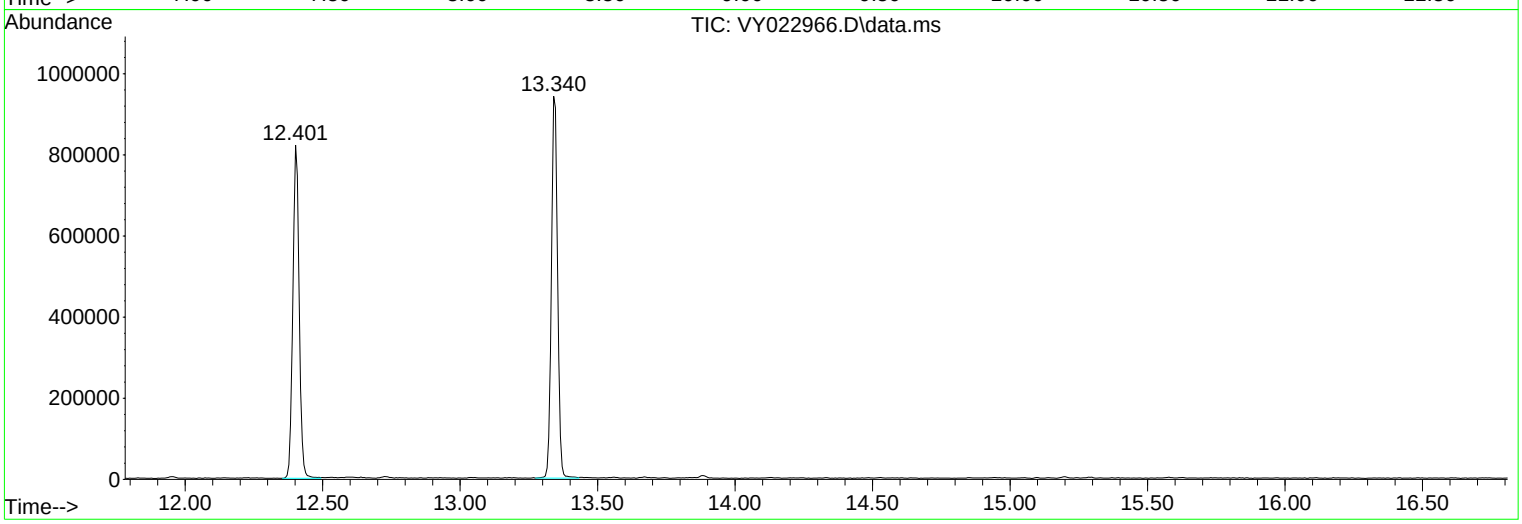
Instrument :
MSVOA_Y
ClientSampleId :
GPX1

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**

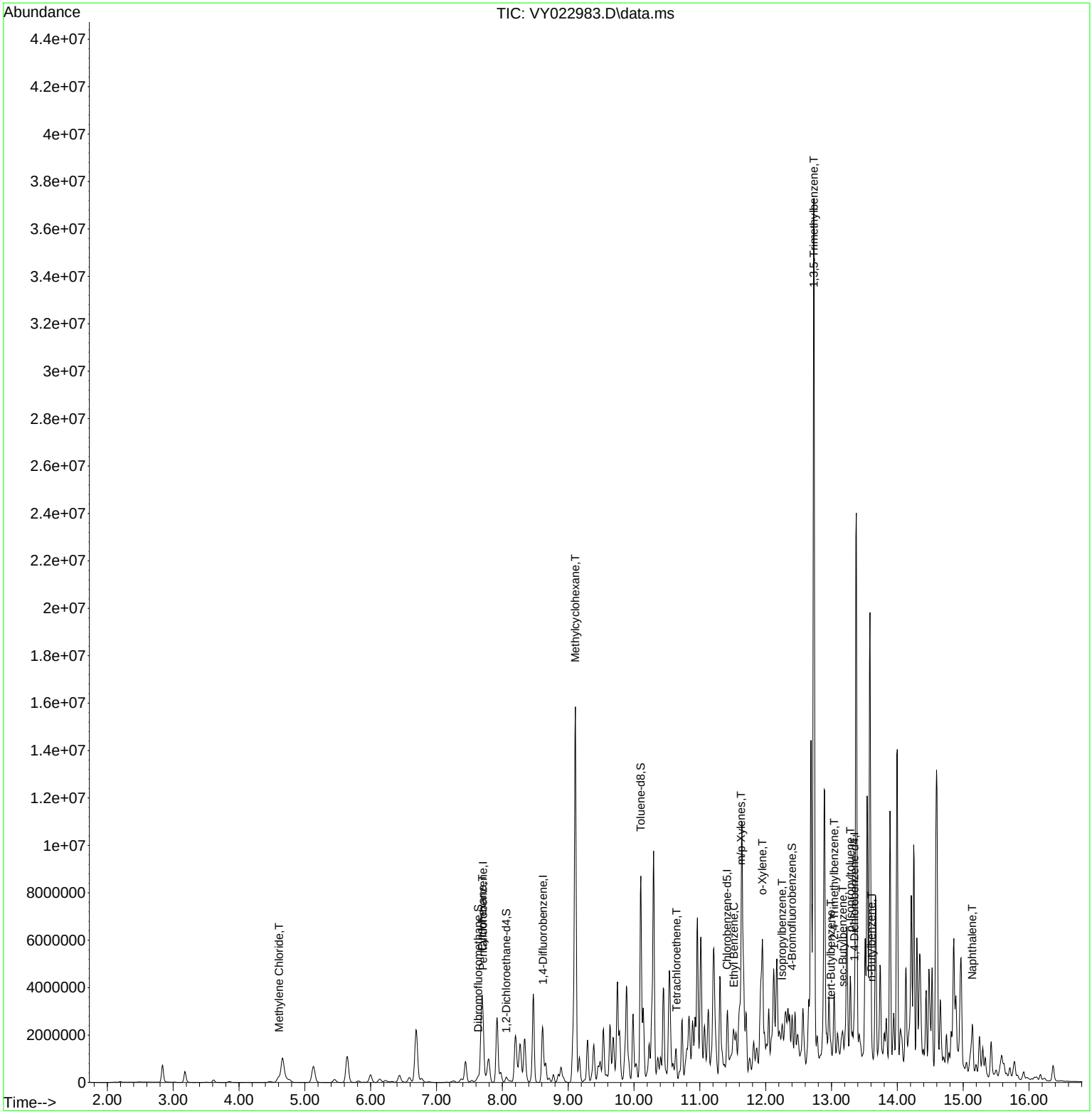
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022983.D
Acq On : 08 Jul 2025 18:10
Operator : SY/MD
Sample : Q2480-02
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

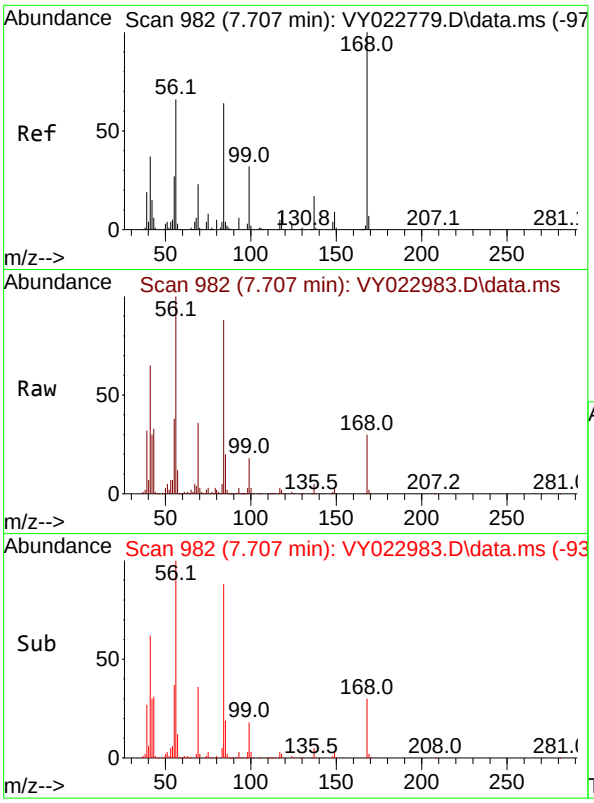
Quant Time: Jul 09 02:35:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations APPROVED

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

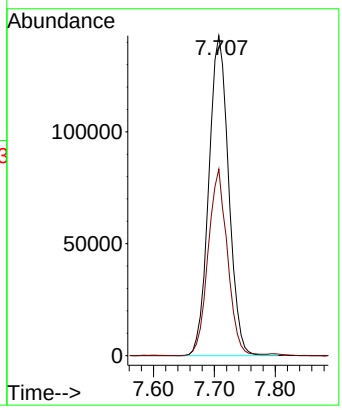




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:168 Resp: 32321

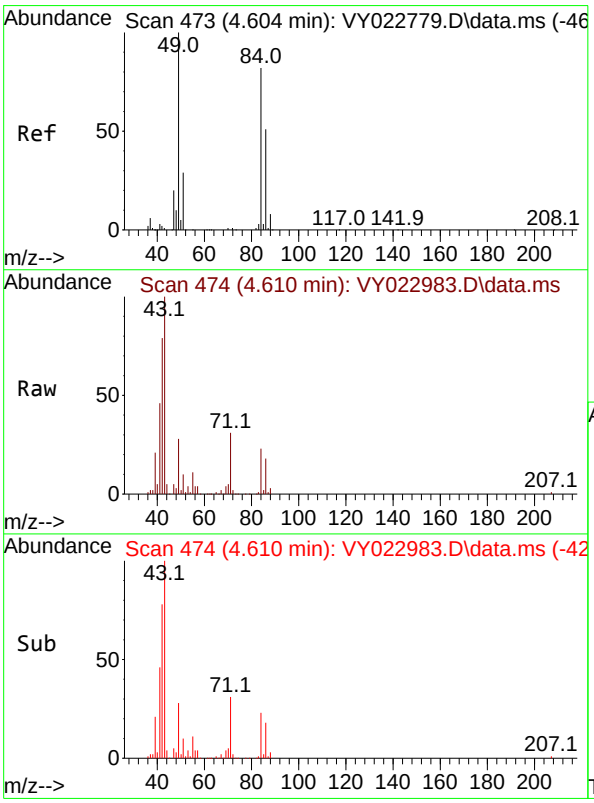
Ion	Ratio	Lower	Upper
168	100		
99	58.3	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

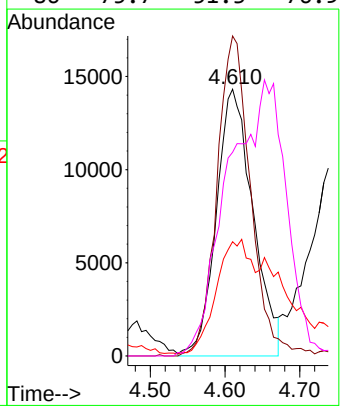
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

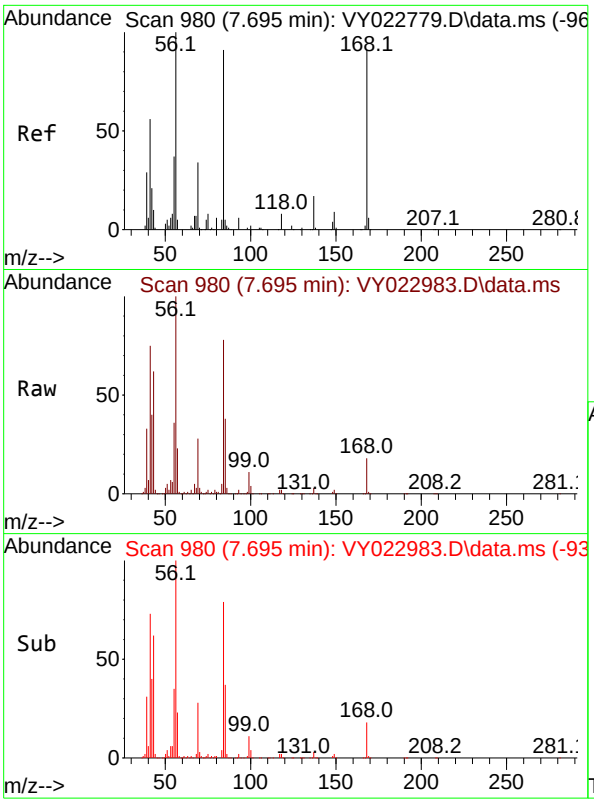


#20
Methylene Chloride
Concen: 11.344 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

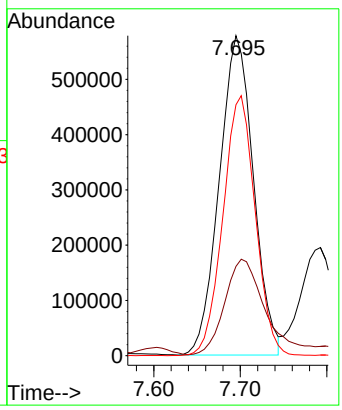




#31
Cyclohexane
Concen: 255.698 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 56 Resp: 158433

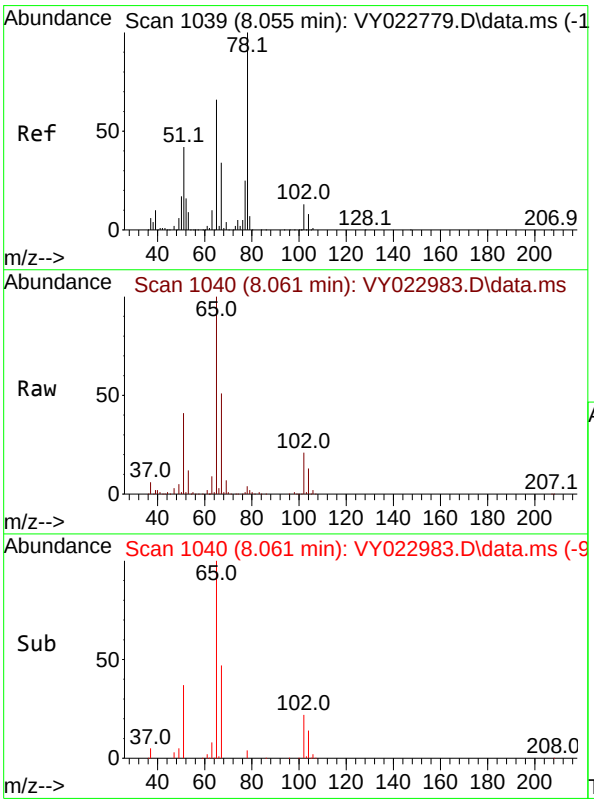
Ion	Ratio	Lower	Upper
56	100		
69	27.1	27.0	40.6
84	78.5	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

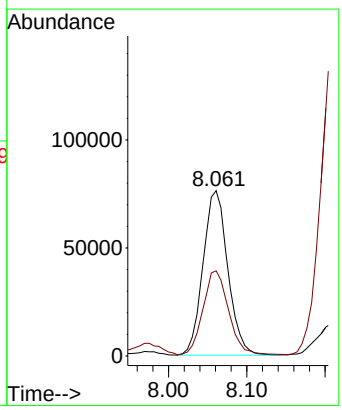
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

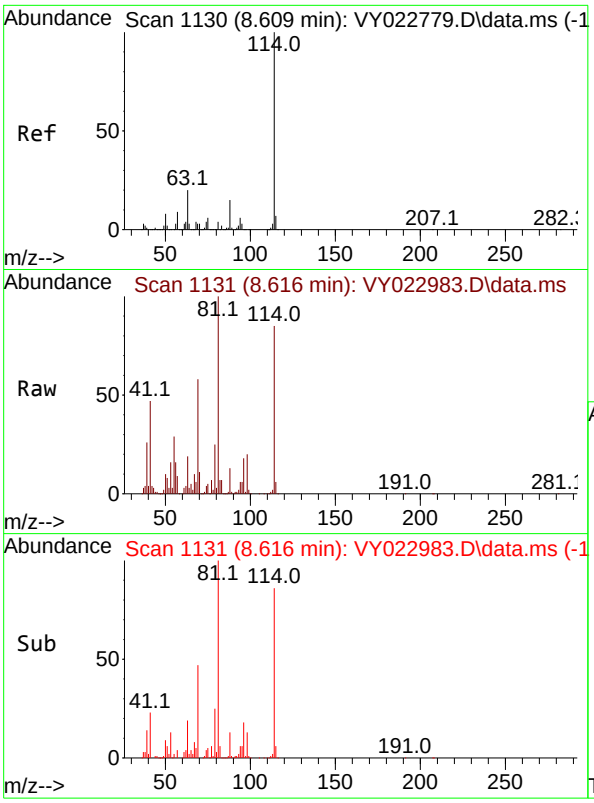


#33
1,2-Dichloroethane-d4
Concen: 46.383 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

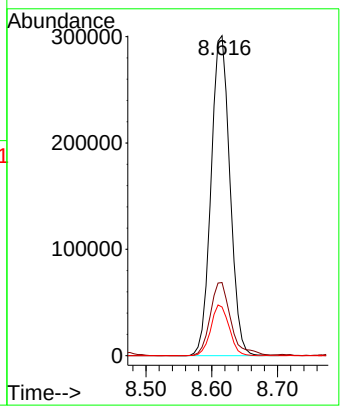
Tgt Ion:114 Resp: 60011

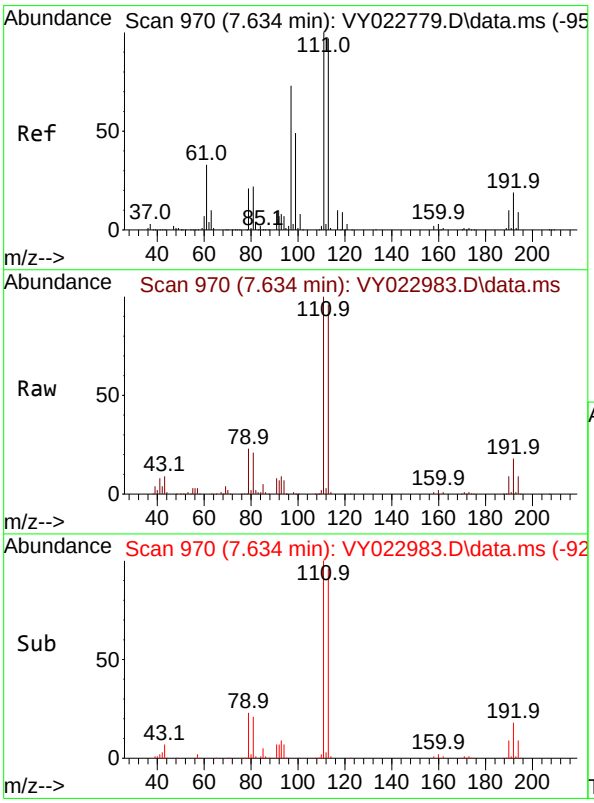
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	40.8
88	15.2	0.0	27.8

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

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

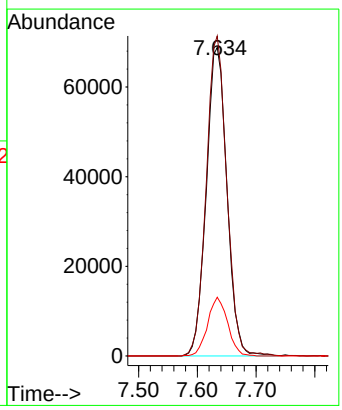


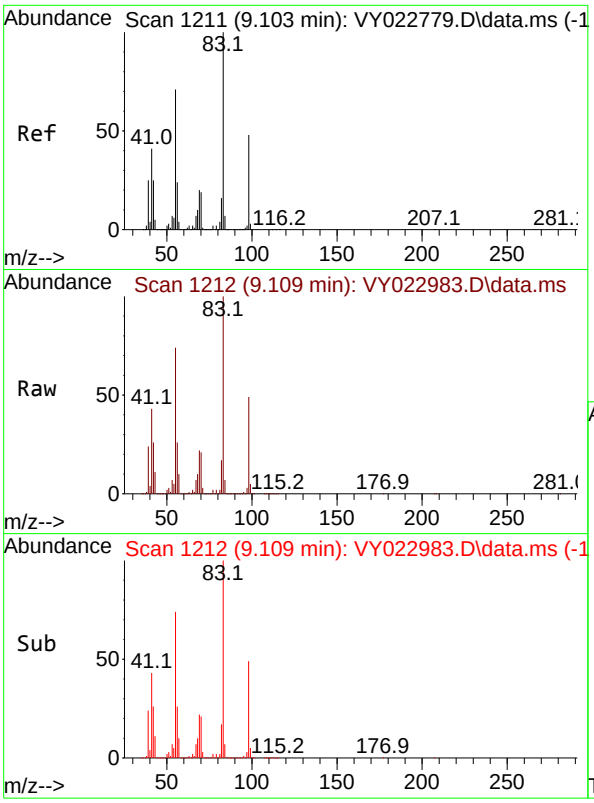


#35
Dibromofluoromethane
Concen: 46.075 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

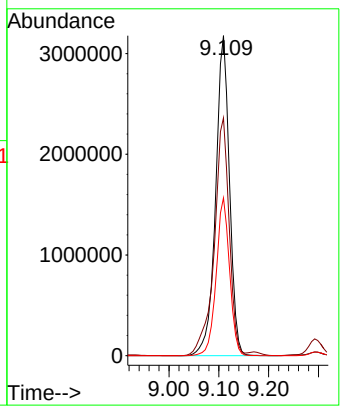
Tgt Ion: 83 Resp: 613955

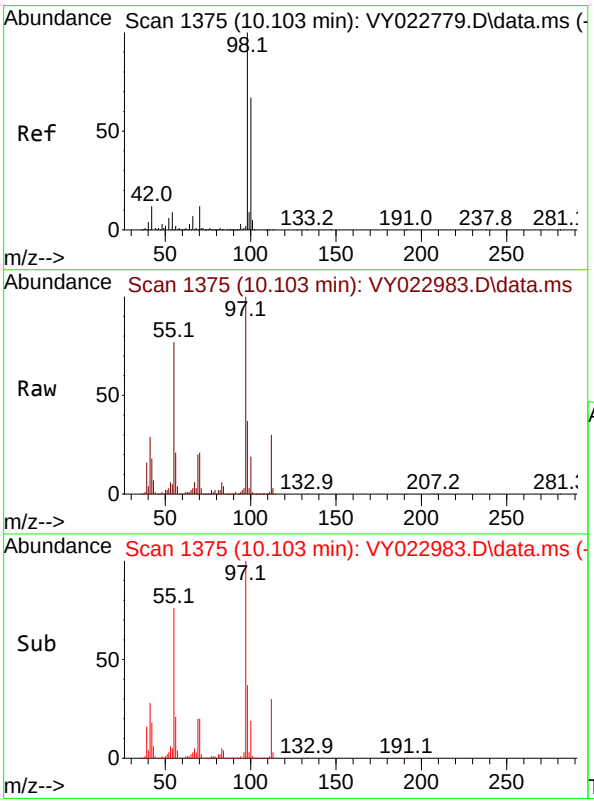
Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.1	87.1
98	49.3	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

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

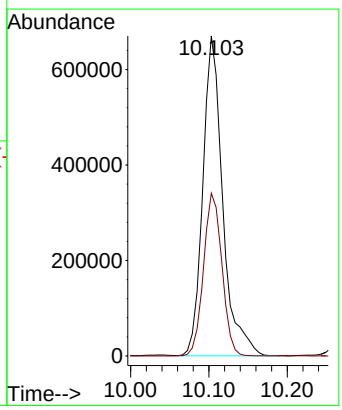


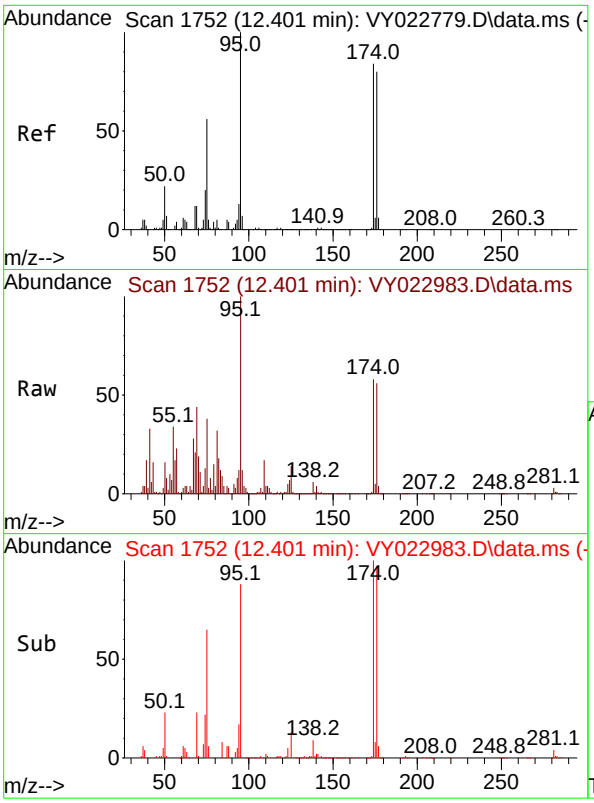


#50
Toluene-d8
Concen: 81.437 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 98 Resp: 1179385

Ion	Ratio	Lower	Upper
98	100		
100	47.1	51.4	77.0#

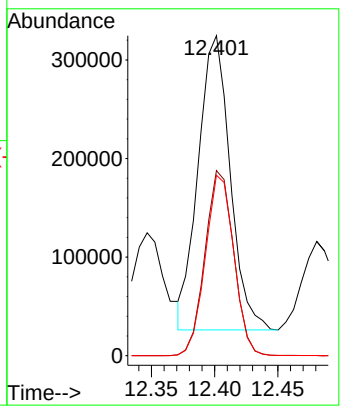




#62
4-Bromofluorobenzene
Concen: 112.774 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 95 Resp: 52502

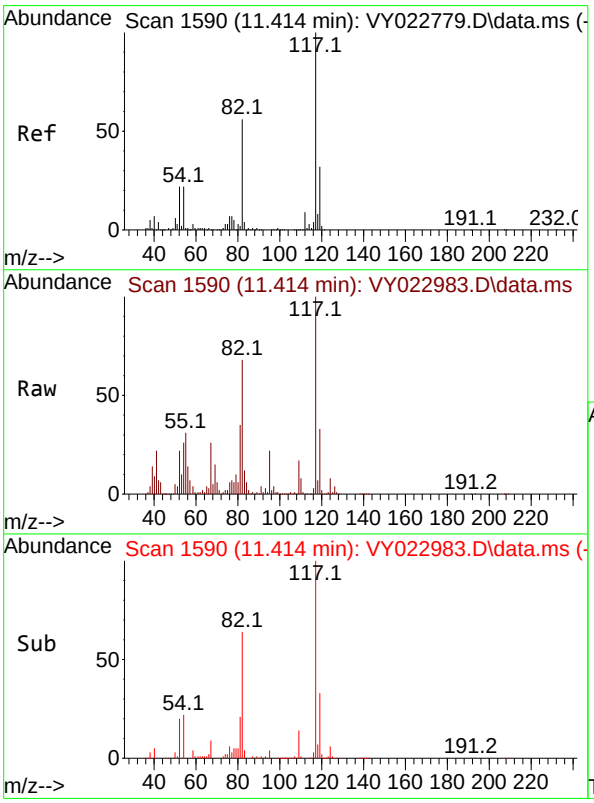
Ion	Ratio	Lower	Upper
95	100		
174	56.5	0.0	170.0
176	54.8	0.0	166.2



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

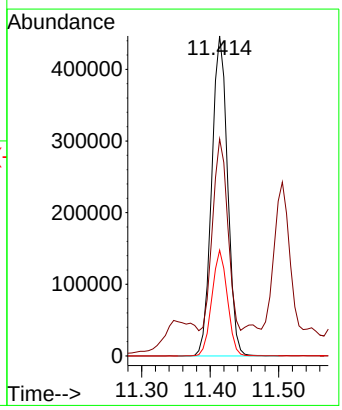
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

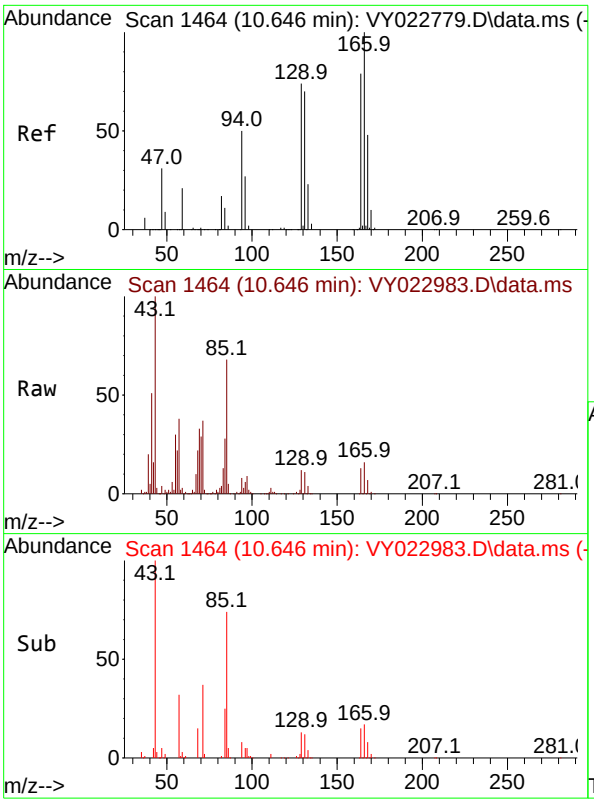


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

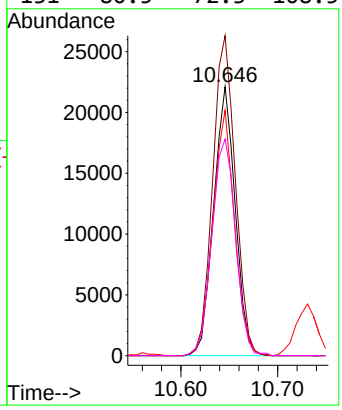




#64
Tetrachloroethene
Concen: 5.057 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:164 Resp: 3436

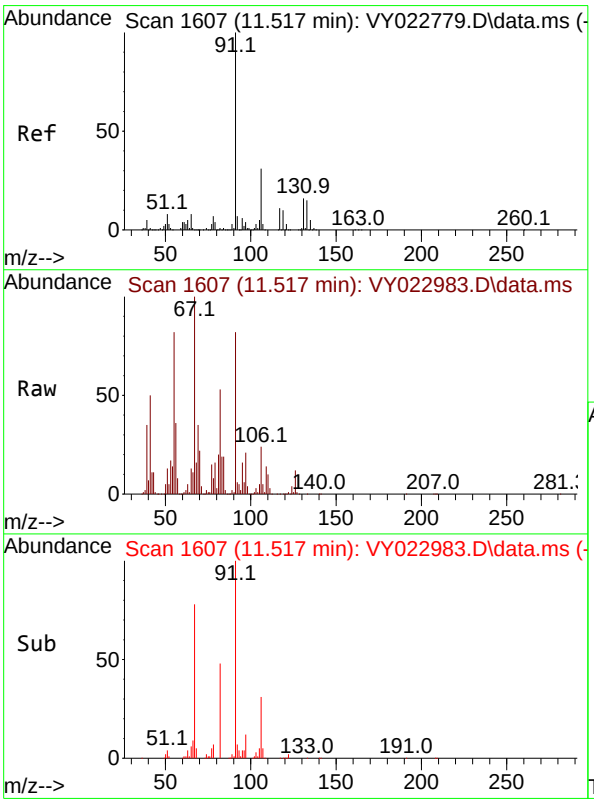
Ion	Ratio	Lower	Upper
164	100		
166	118.9	104.0	156.0
129	91.2	74.5	111.7
131	80.5	72.3	108.5



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

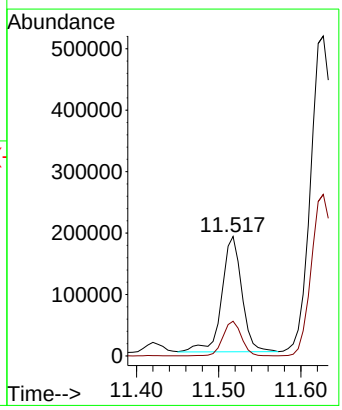
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

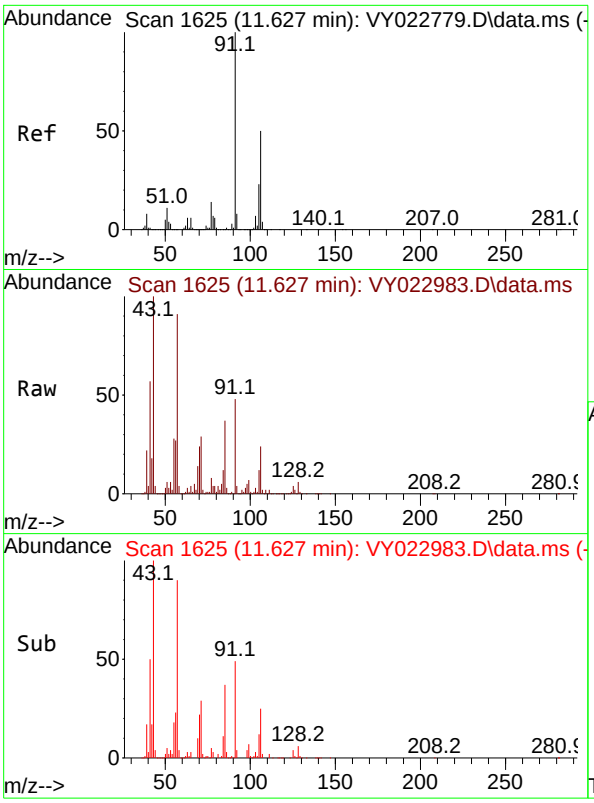


#67
Ethyl Benzene
Concen: 11.465 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 318436

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.4

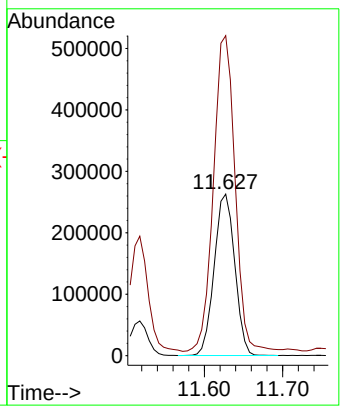




#68
m/p-Xylenes
Concen: 44.679 ug/l
RT: 11.627 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:106 Resp: 47970(

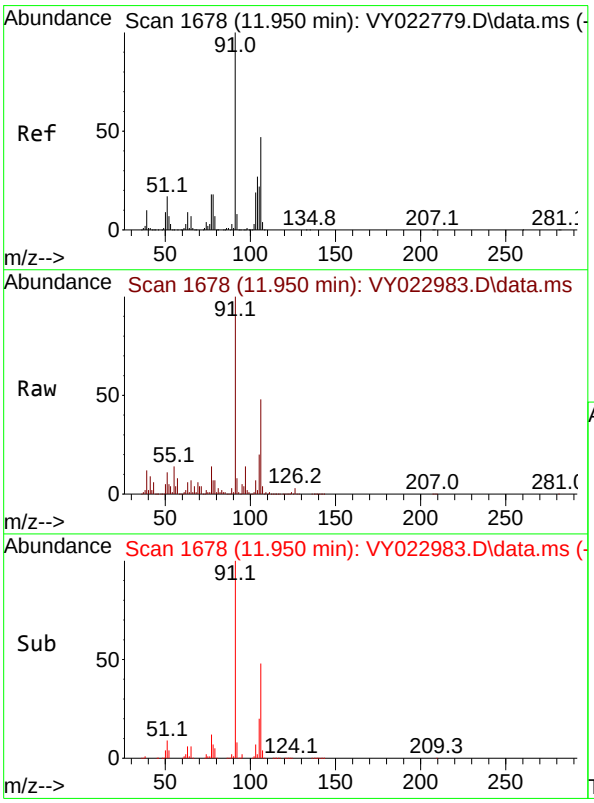
Ion	Ratio	Lower	Upper
106	100		
91	204.3	159.4	239.0



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

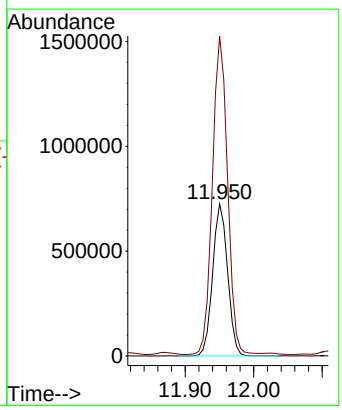
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

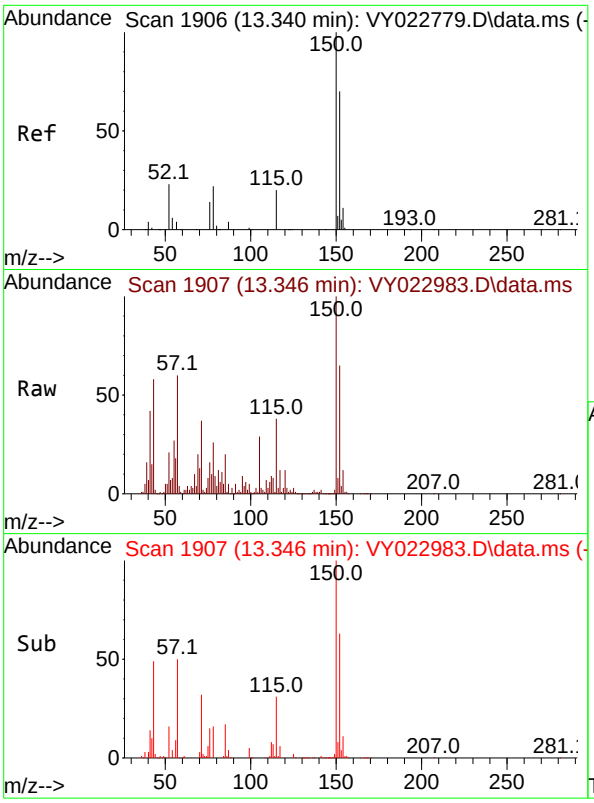


#69
o-Xylene
Concen: 107.948 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:106 Resp: 1092078

Ion	Ratio	Lower	Upper
106	100		
91	212.9	105.8	317.3

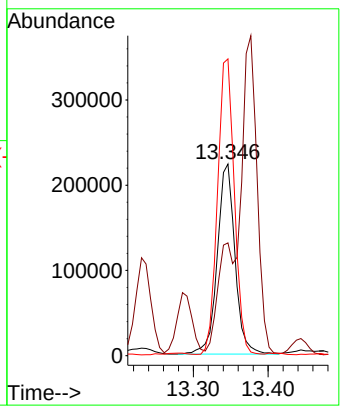




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:152 Resp: 36770

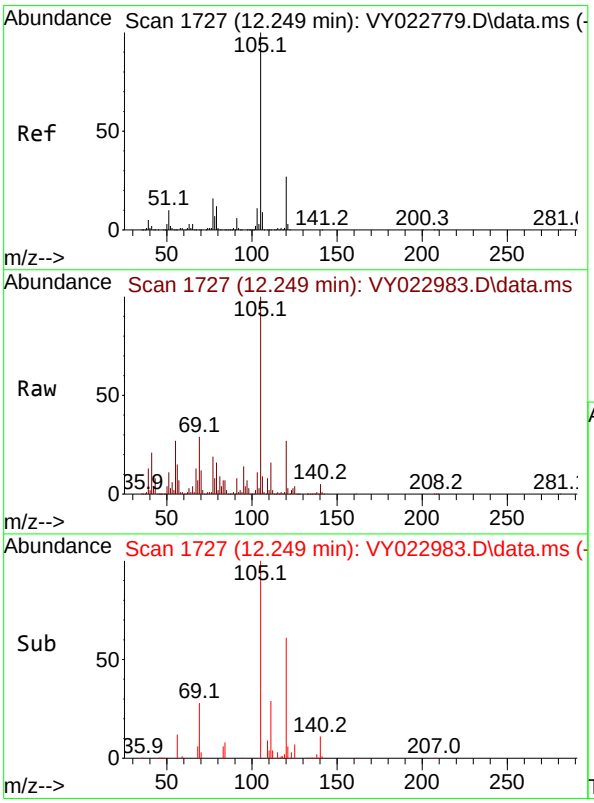
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.9	86.7#
150	147.8	0.0	349.6



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

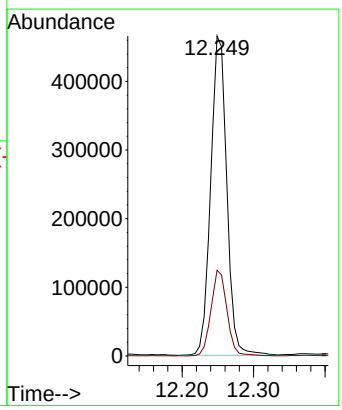
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

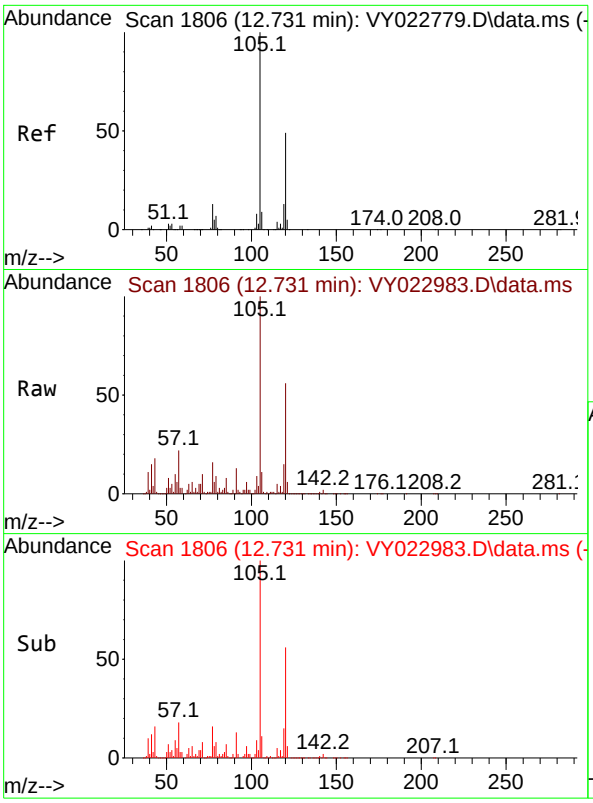


#73
Isopropylbenzene
Concen: 26.733 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 726967

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9

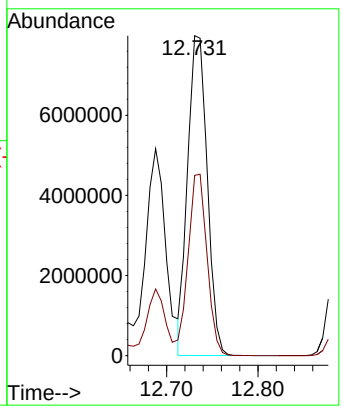




#80
1,3,5-Trimethylbenzene
Concen: 542.162 ug/l
RT: 12.731 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp:1190197

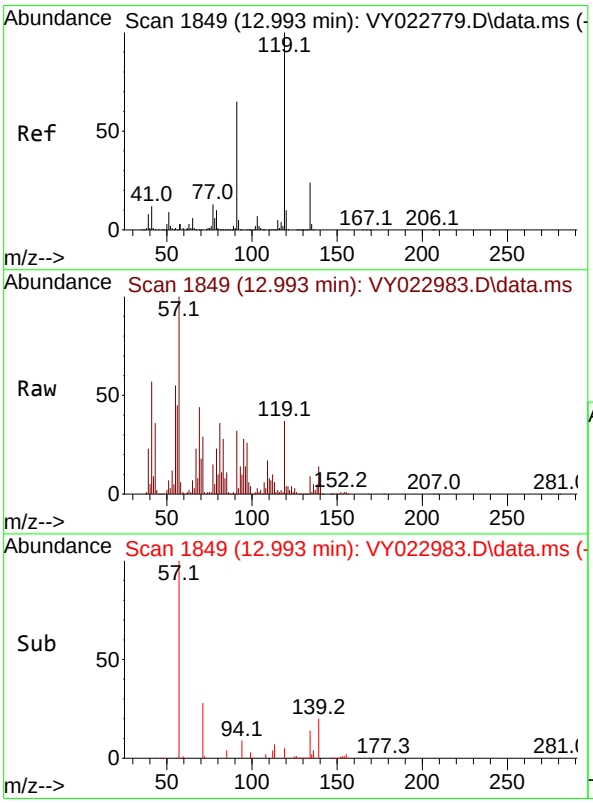
Ion	Ratio	Lower	Upper
105	100		
120	55.4	24.1	72.4



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

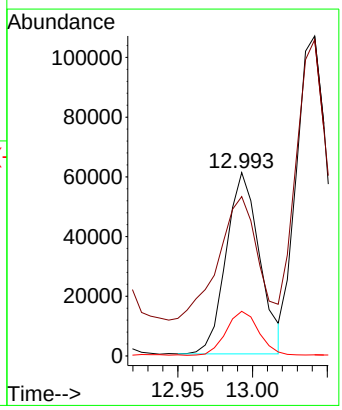
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

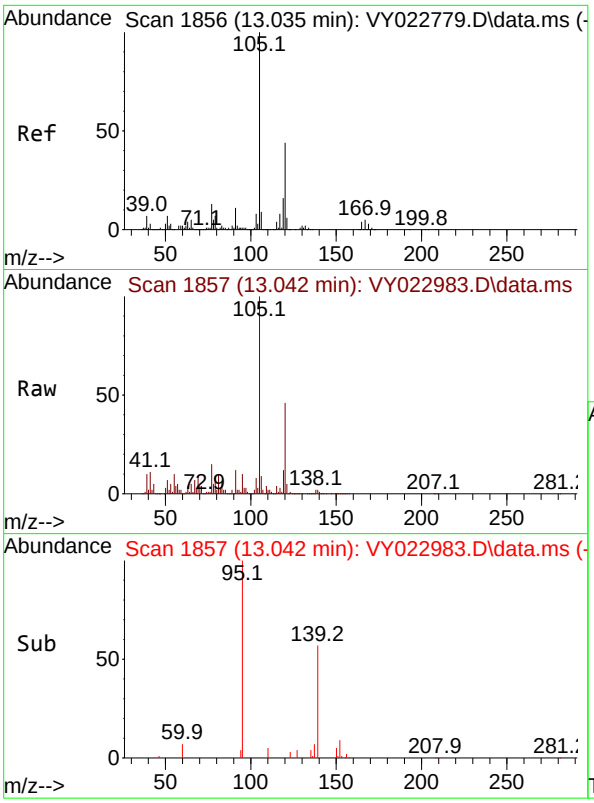


#83
tert-Butylbenzene
Concen: 4.896 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

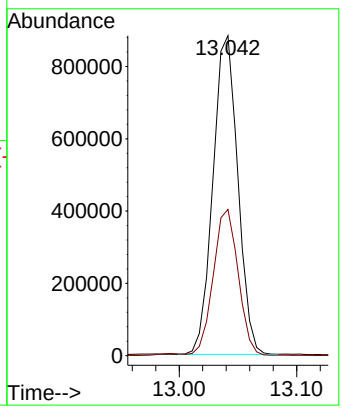




#84
1,2,4-Trimethylbenzene
Concen: 59.018 ug/l
RT: 13.042 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 129715

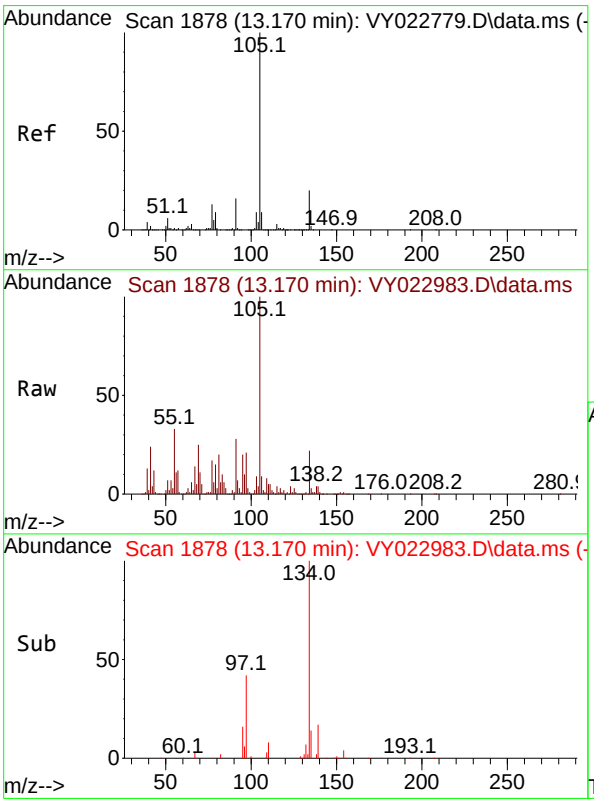
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

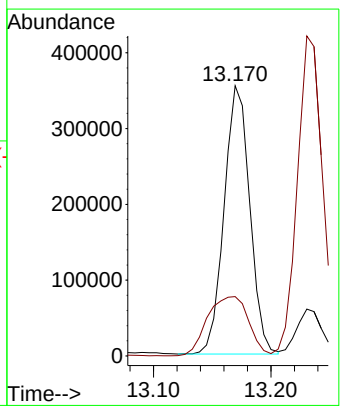
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

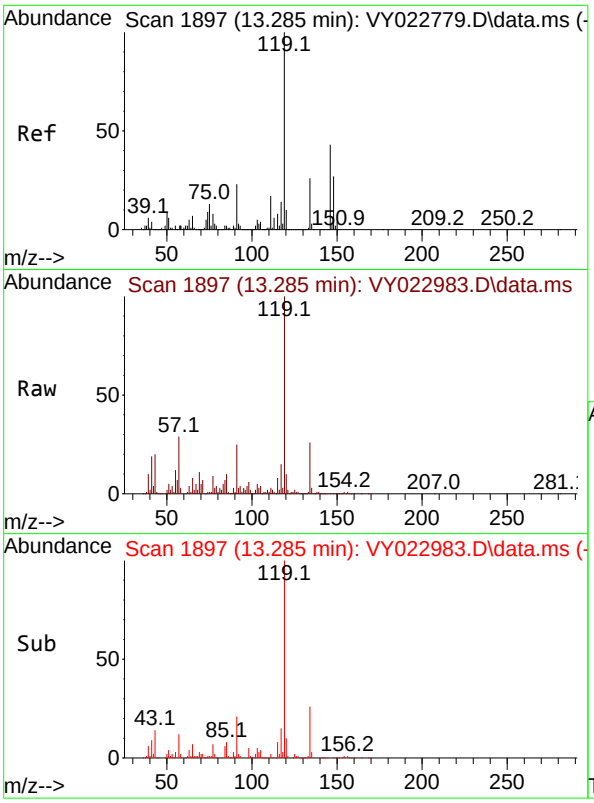


#85
sec-Butylbenzene
Concen: 18.417 ug/l
RT: 13.170 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:105 Resp: 536468

Ion	Ratio	Lower	Upper
105	100		
134	35.5	9.7	28.9#

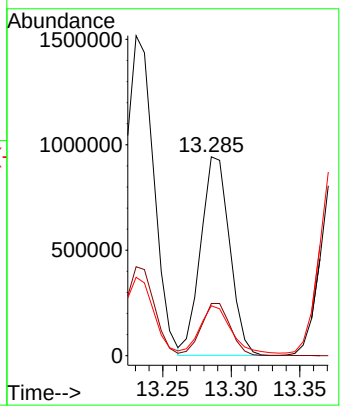




#86
p-Isopropyltoluene
Concen: 57.126 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:119 Resp: 138477

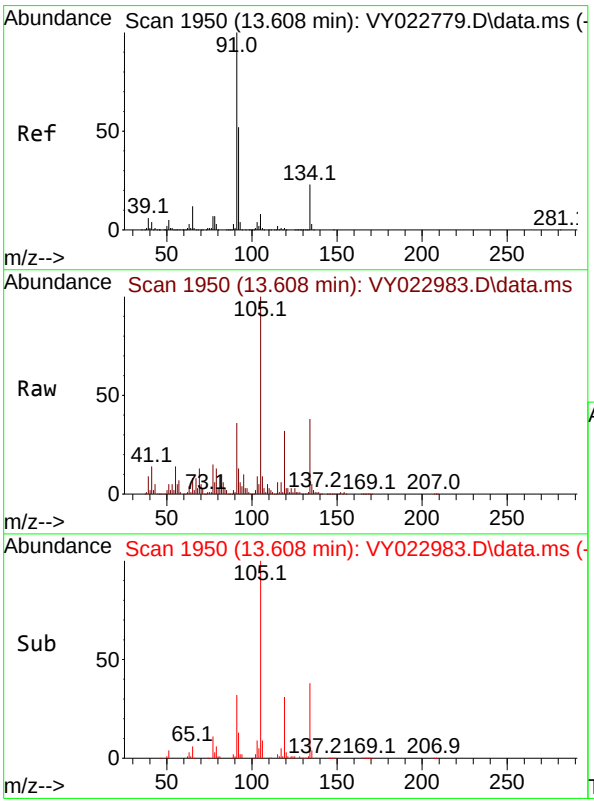
Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	24.6	11.6	34.8



Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Manual Integrations
APPROVED

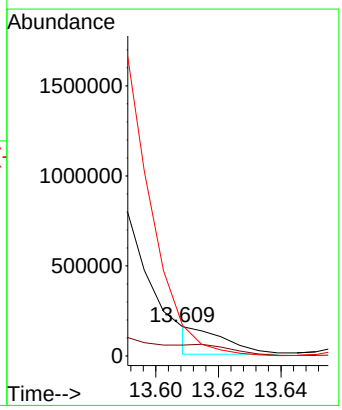
Reviewed By :Mahesh Dadoda 07/09/2025
Supervised By :Semsettin Yesilyurt 07/09/2025

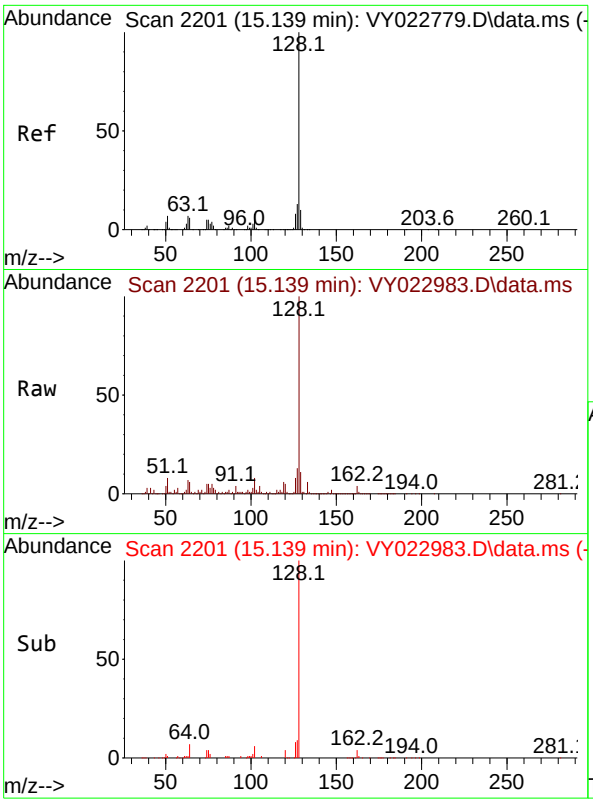


#89
n-Butylbenzene
Concen: 4.854 ug/l m
RT: 13.608 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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#

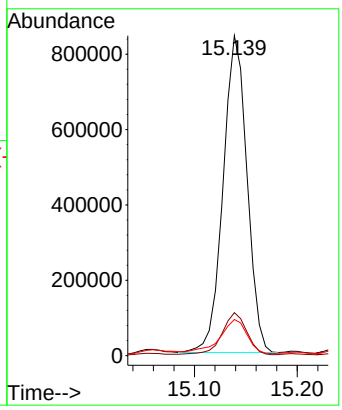




#95
Naphthalene
Concen: 121.913 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

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

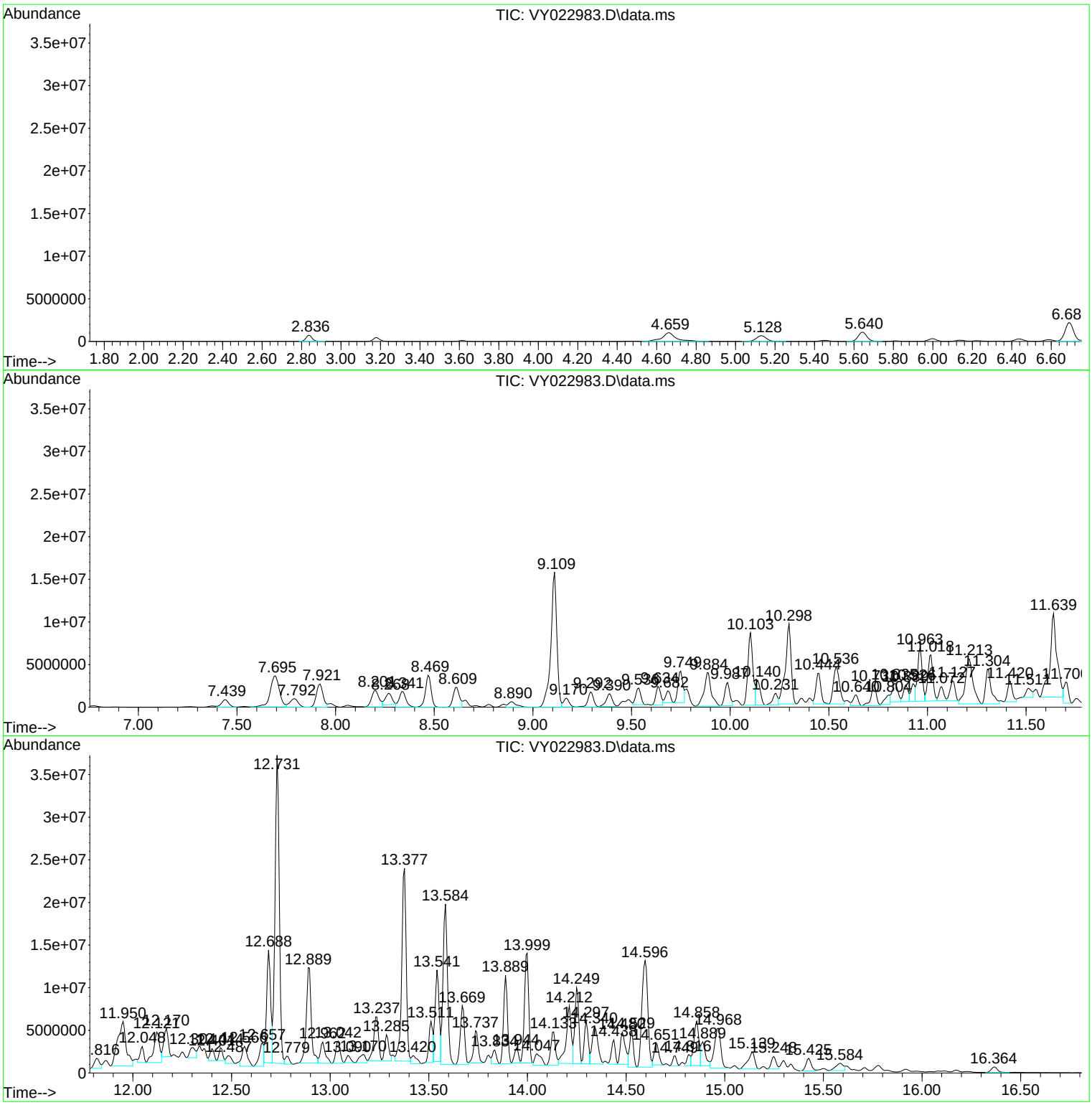
Sample Results: **VY022983.D**

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

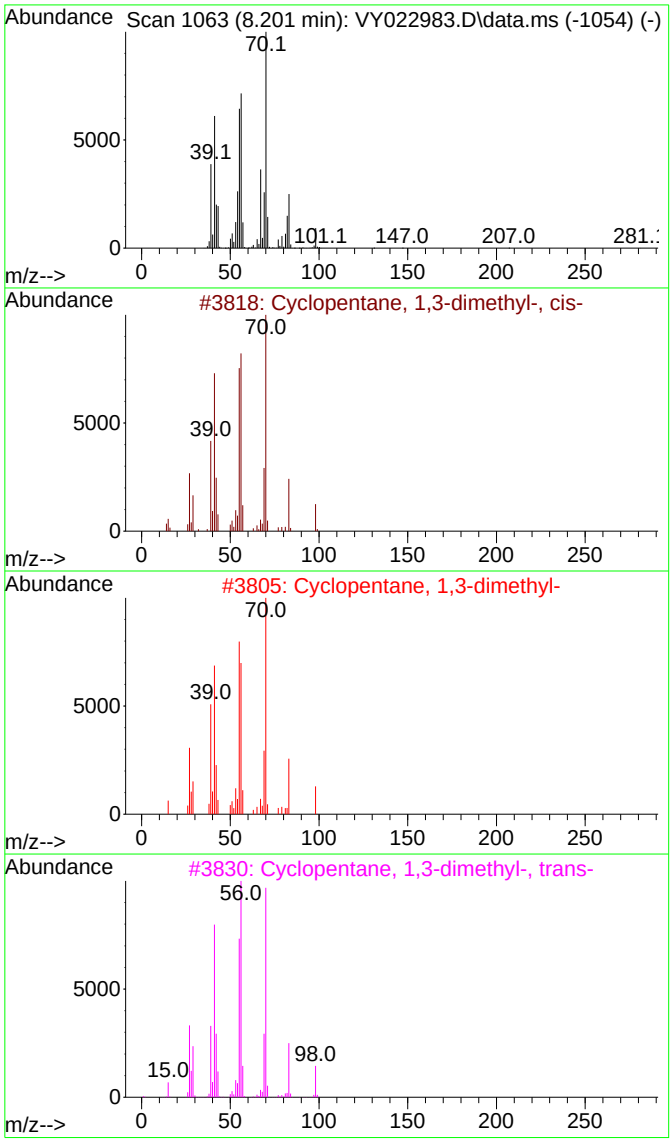
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

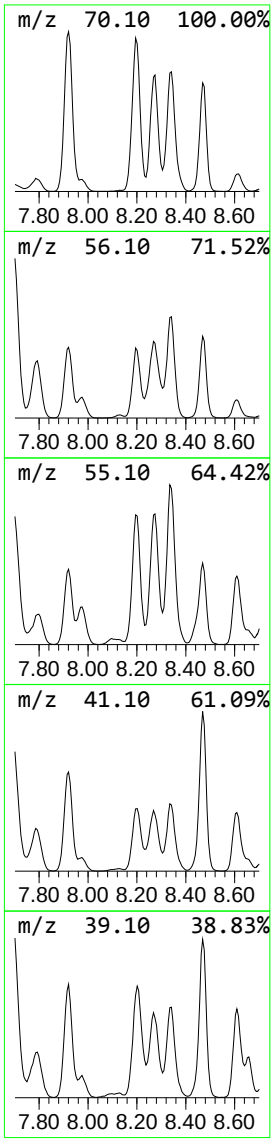
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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

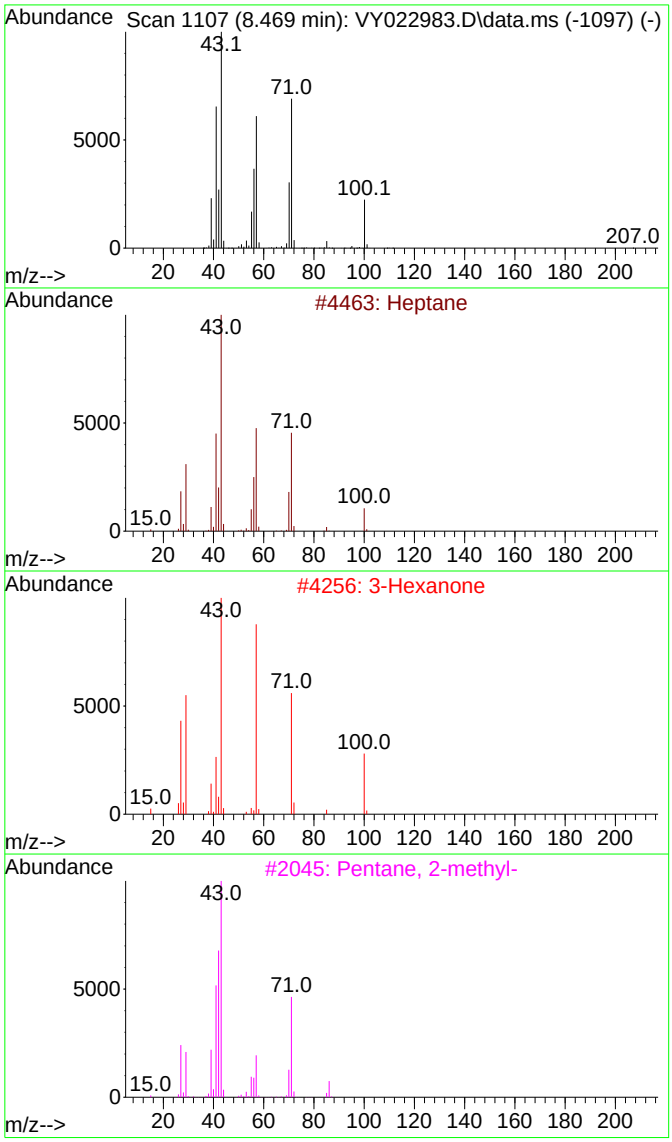
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

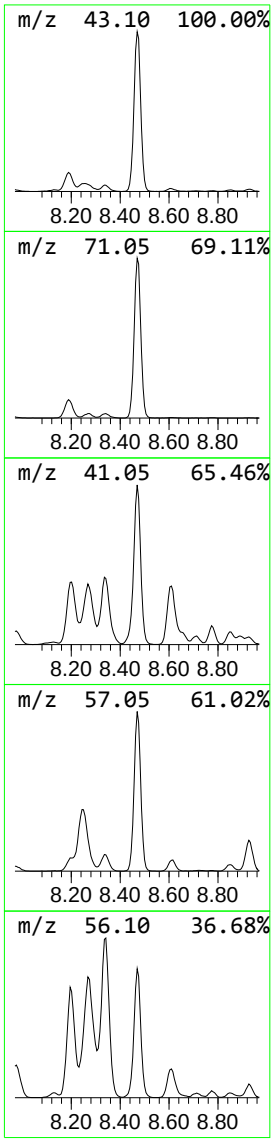
****

Peak Number 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





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

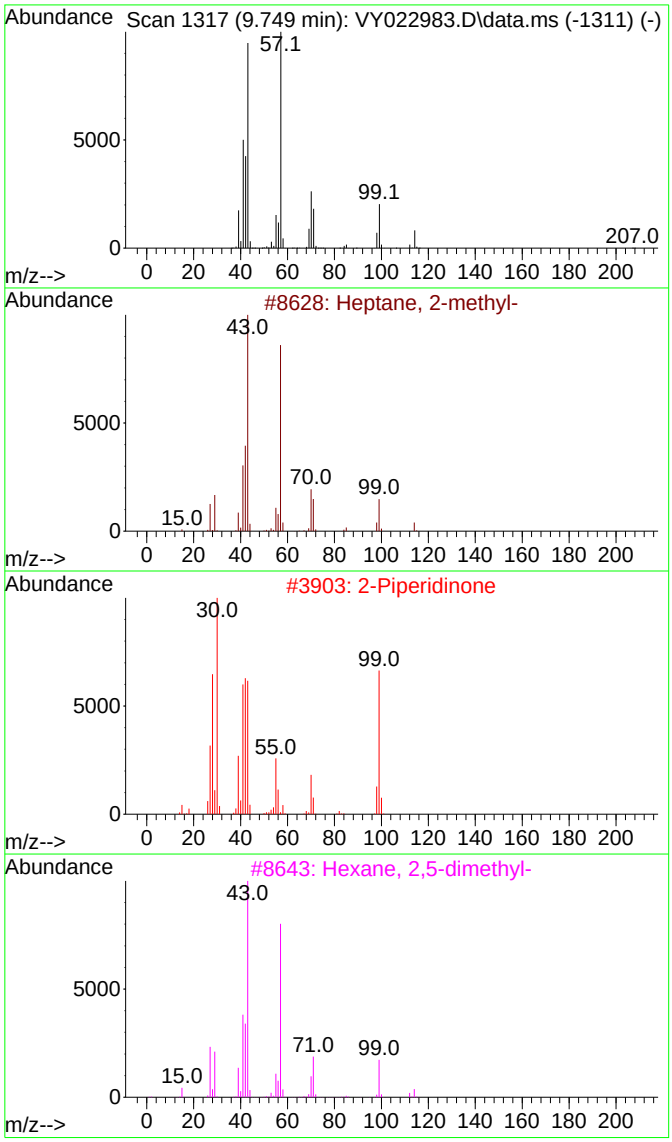
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

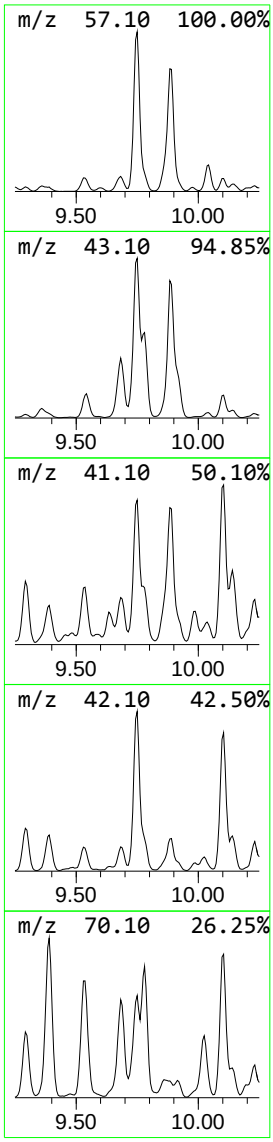
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 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





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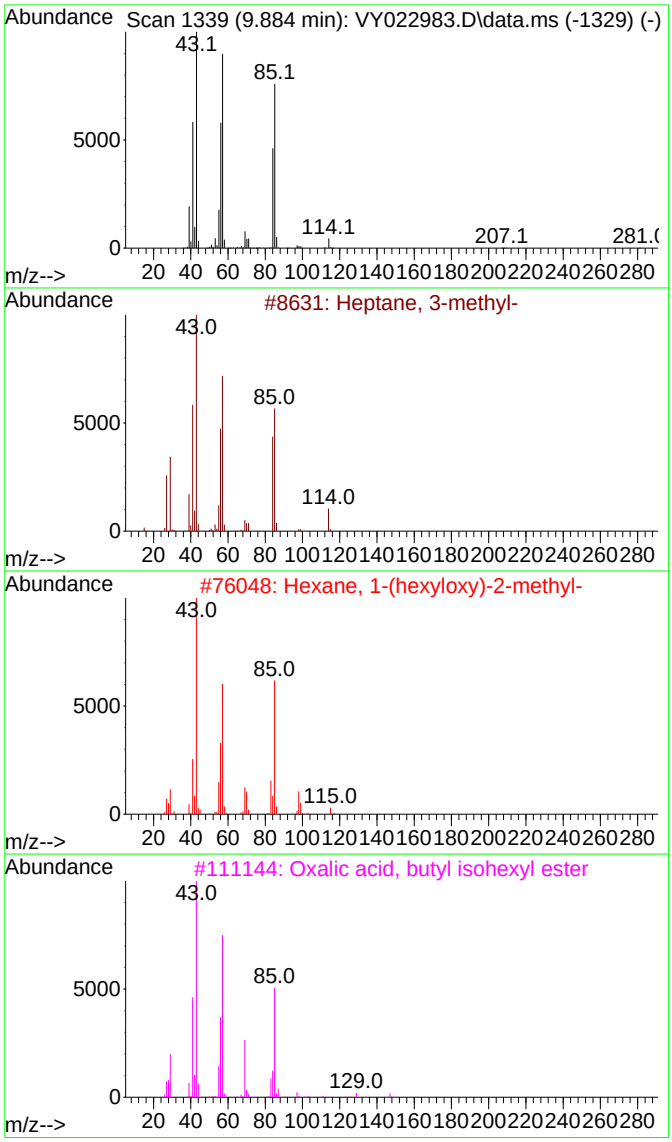
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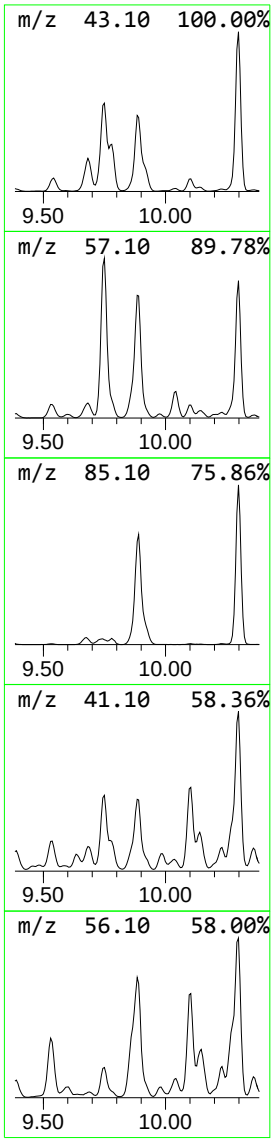
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Peak Number 4 Heptane, 3-methyl- Concentration Rank 7

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
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Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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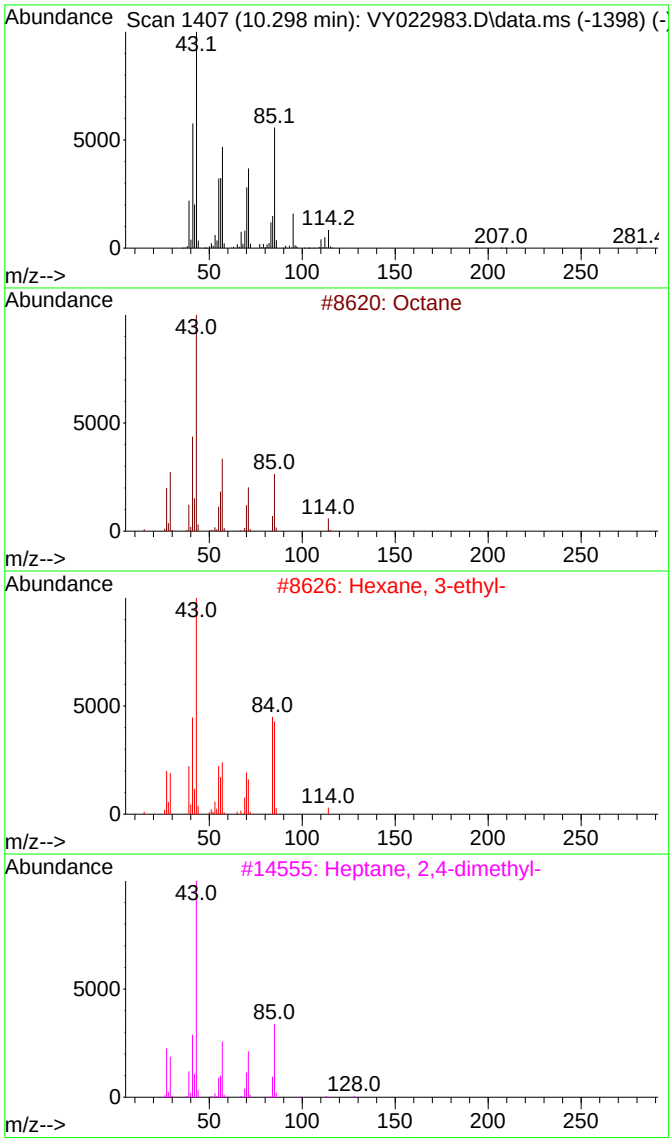
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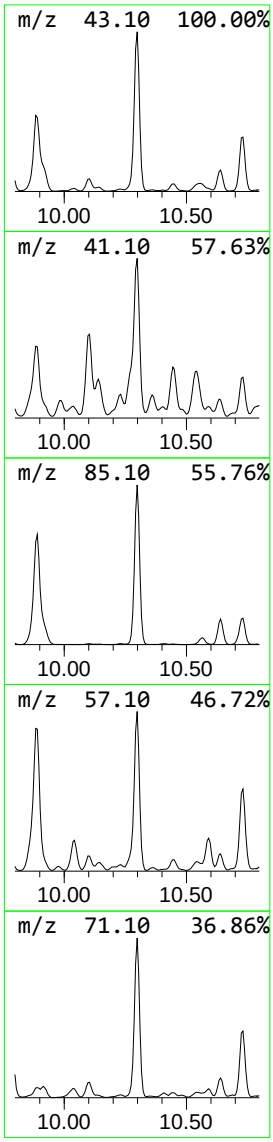
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Peak Number 5 Octane Concentration Rank 1

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





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
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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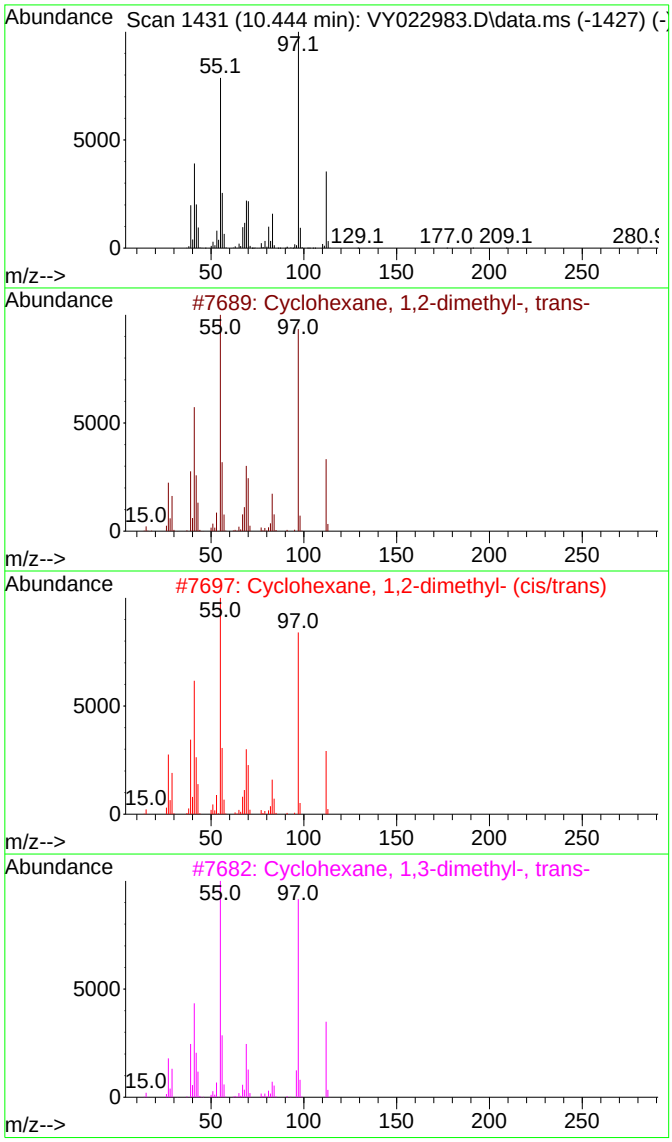
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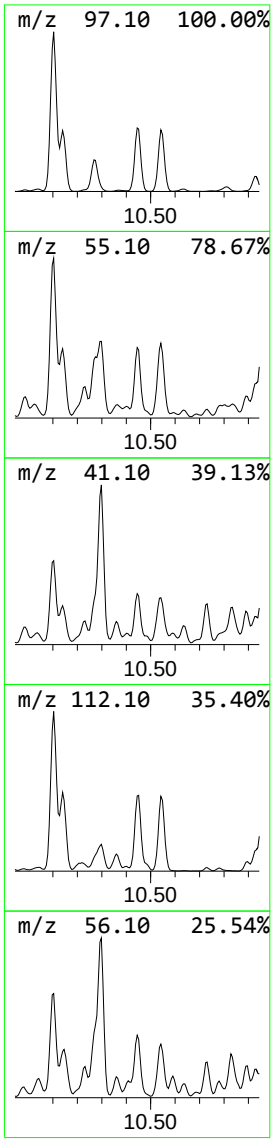
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Peak Number 6 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 9

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





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
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

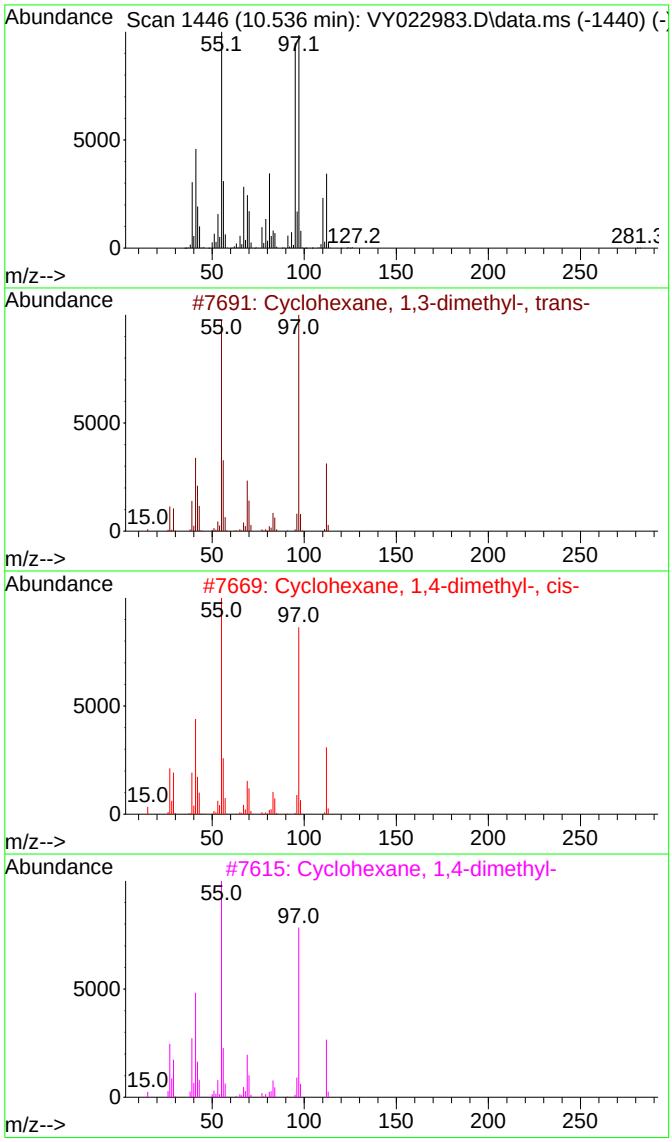
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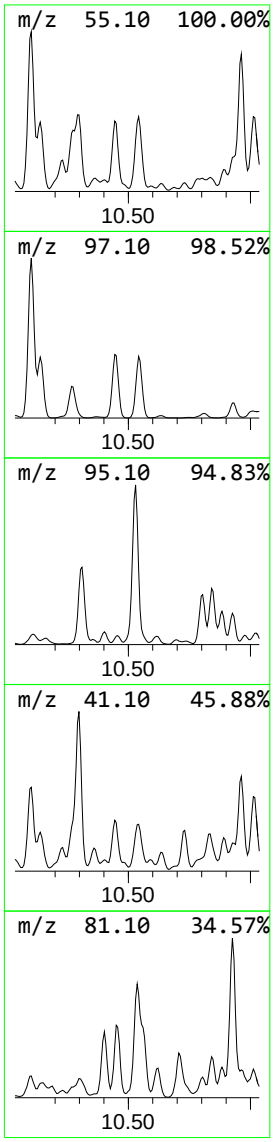
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Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

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





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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
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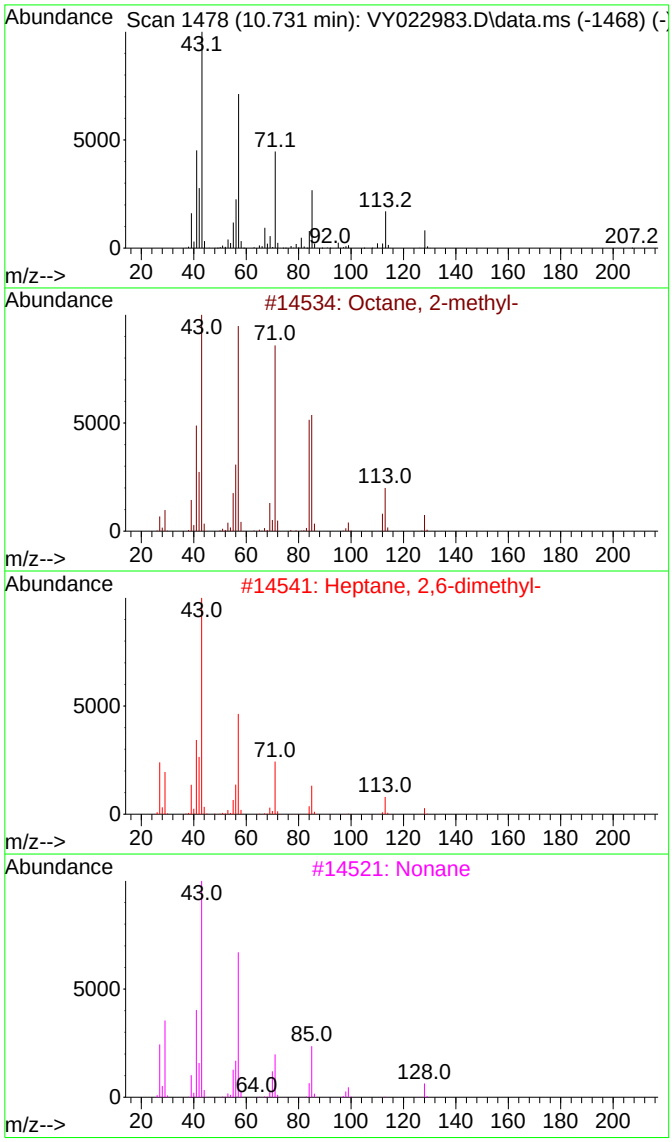
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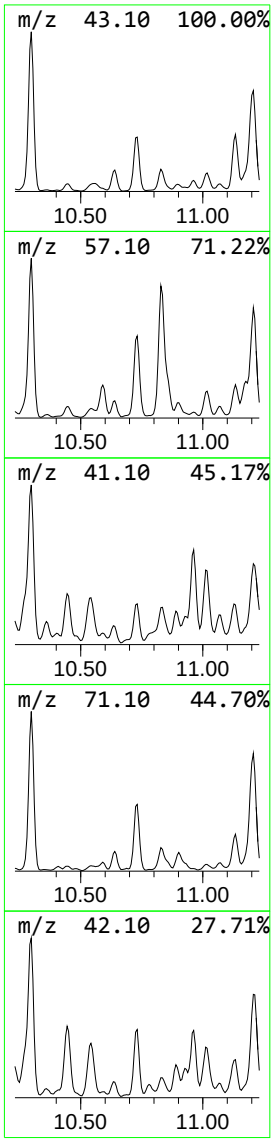
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Peak Number 8 Octane, 2-methyl- Concentration Rank 13

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





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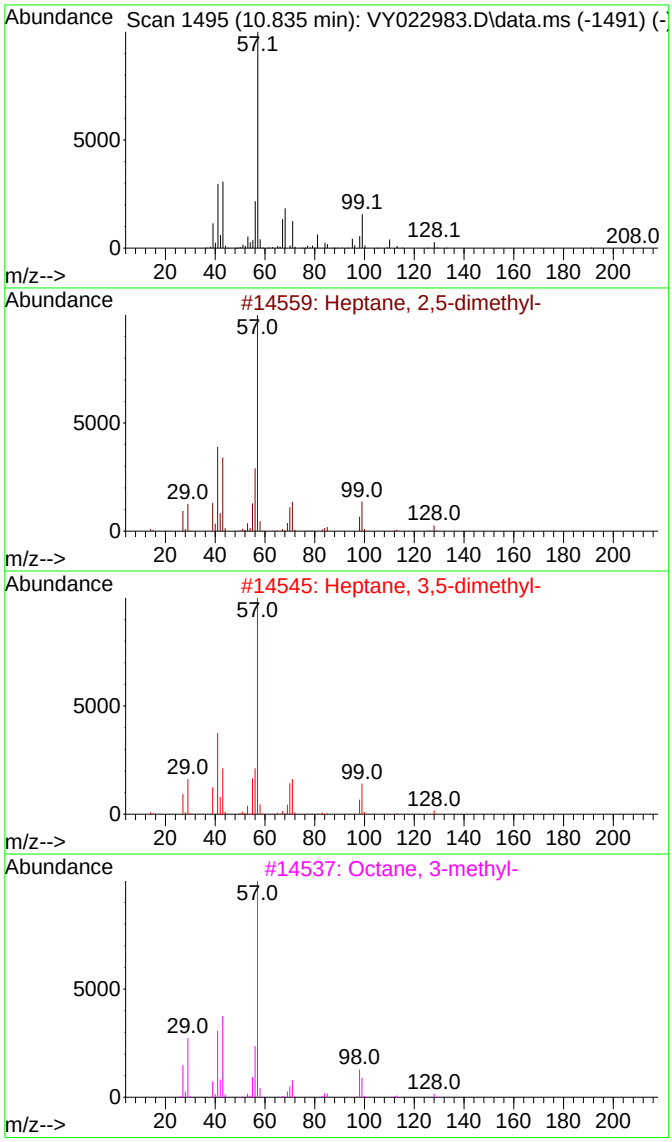
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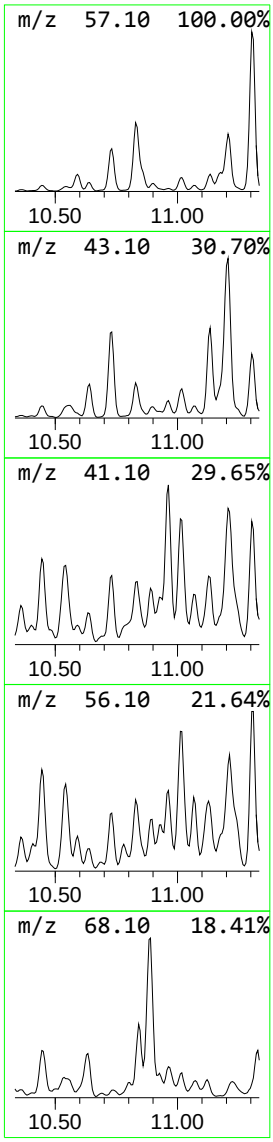
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Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 14

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





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 :
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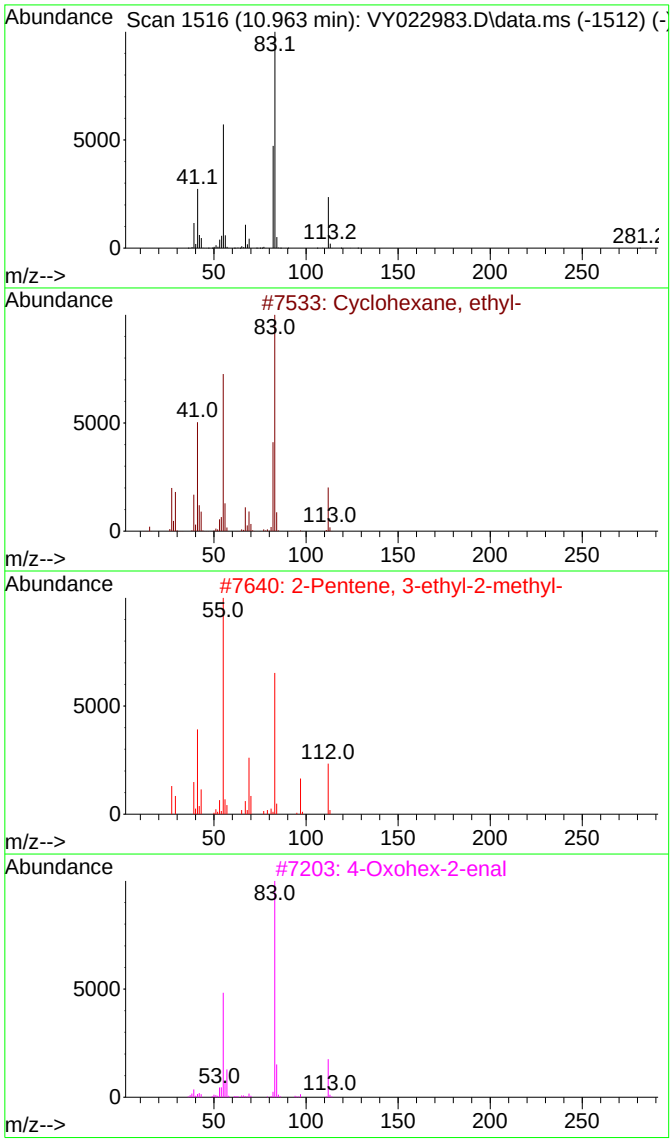
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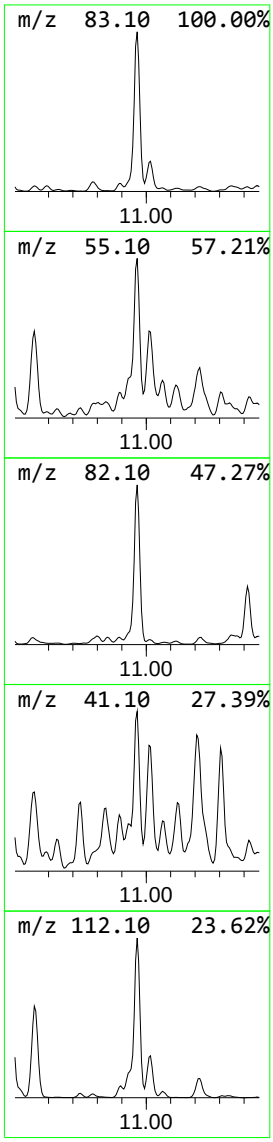
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Peak Number 10 Cyclohexane, ethyl- Concentration Rank 3

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





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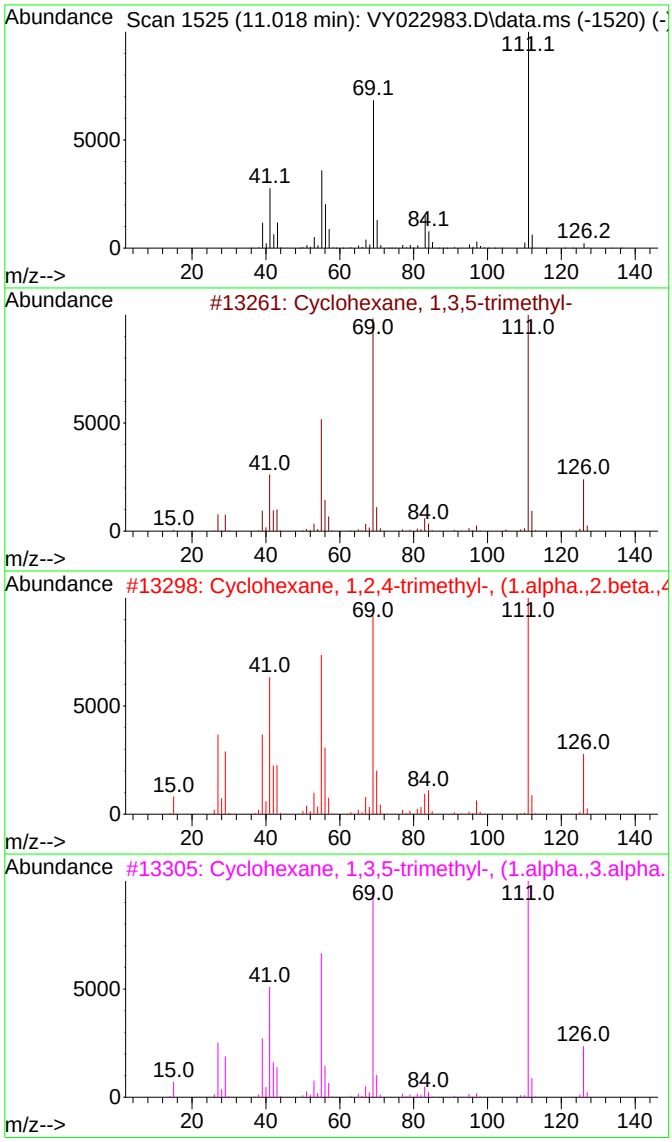
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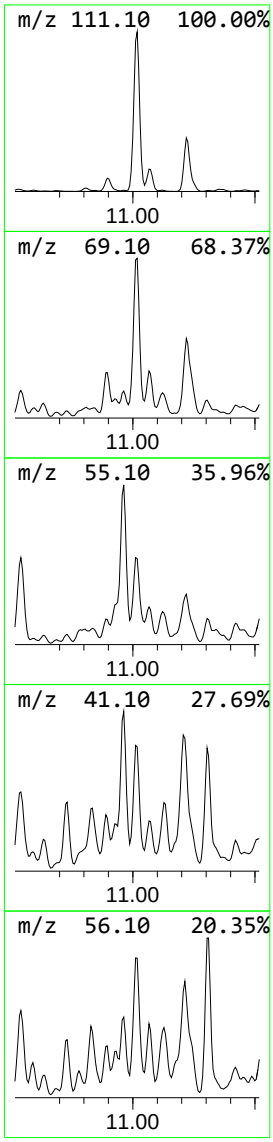
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Peak Number 11 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 4

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
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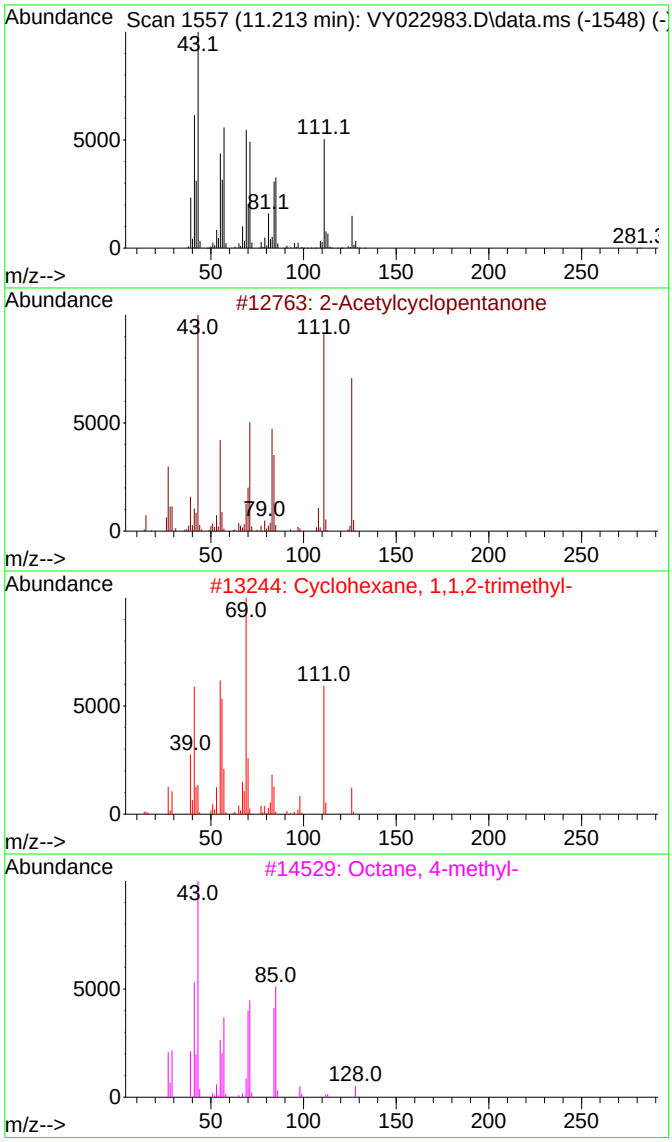
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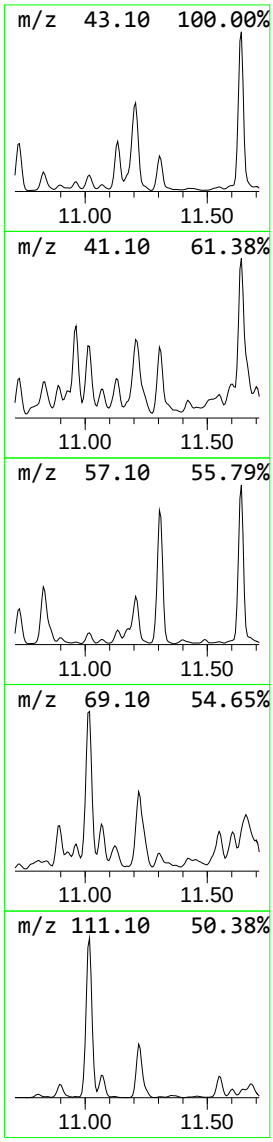
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Peak Number 12 2-Acetylcyclopentanone Concentration Rank 2

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
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ALS Vial : 17 Sample Multiplier: 1

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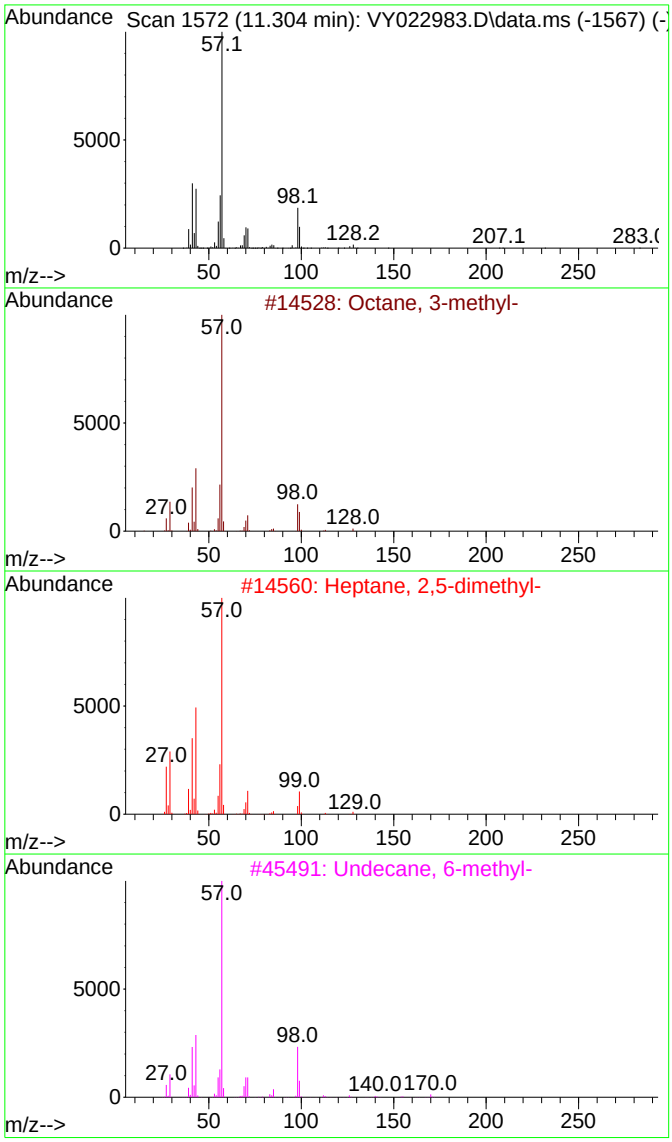
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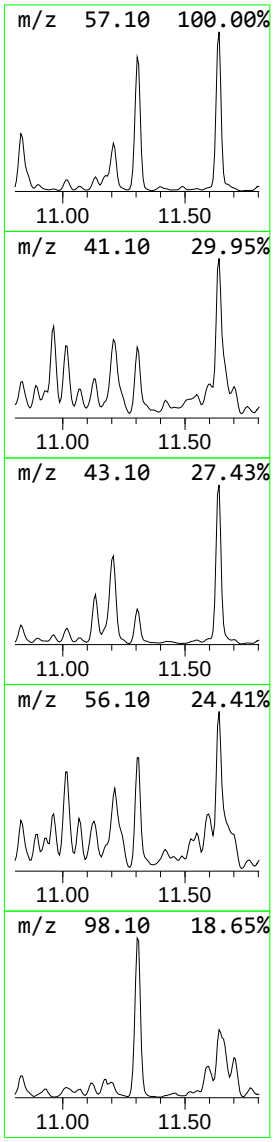
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****
Peak Number 13 Octane, 3-methyl- Concentration Rank 6

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
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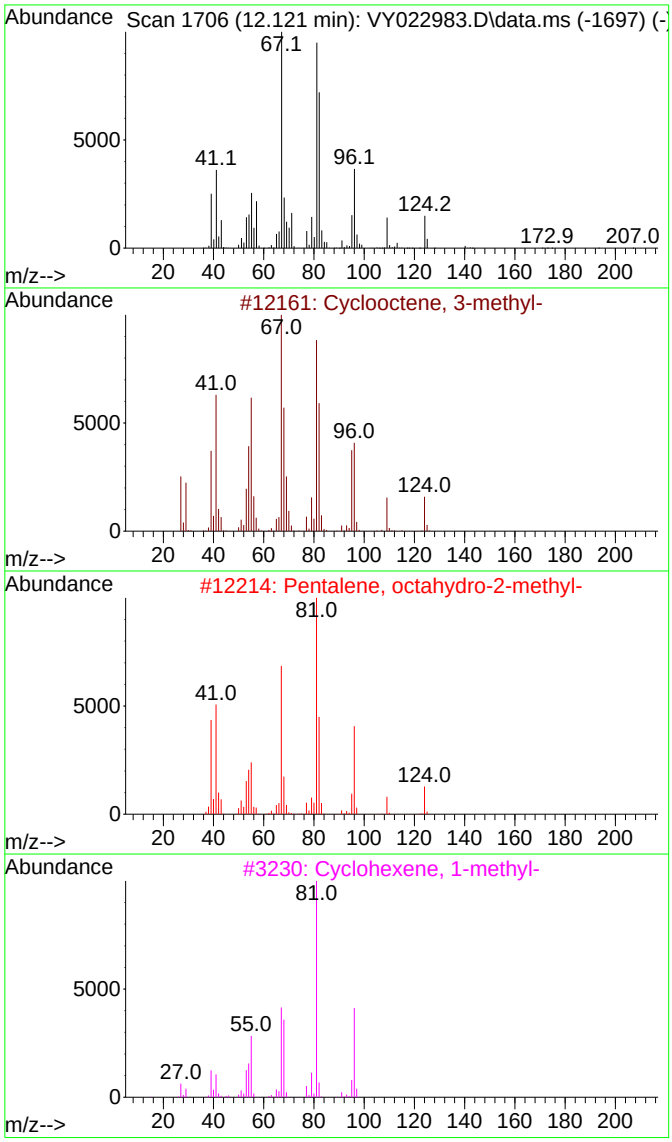
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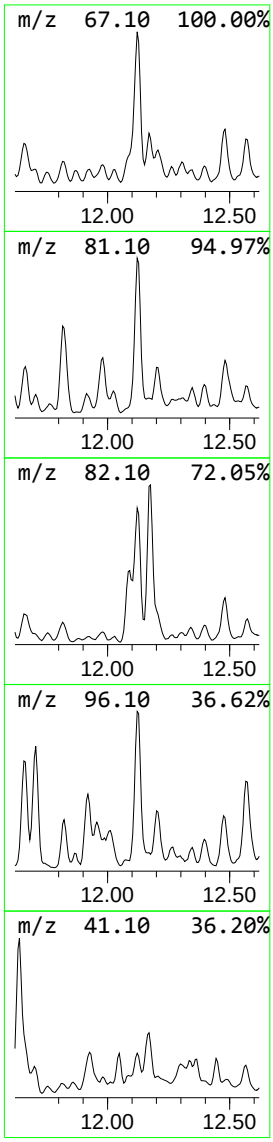
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Peak Number 14 Cyclooctene, 3-methyl- Concentration Rank 8

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

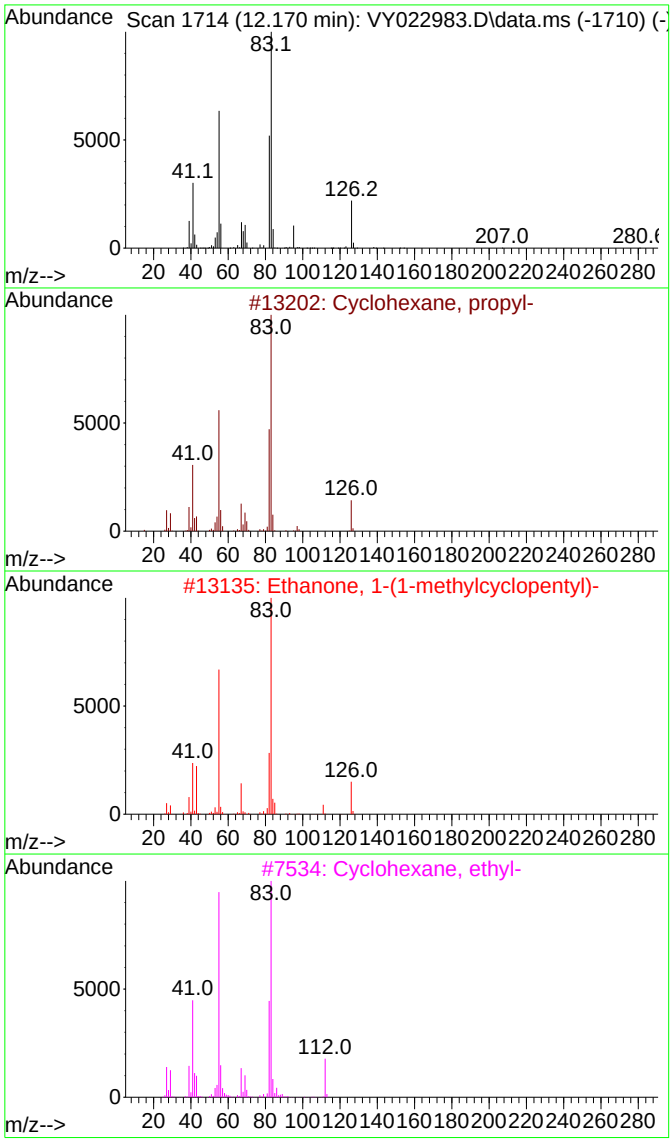
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Quant Title : SW846 8260

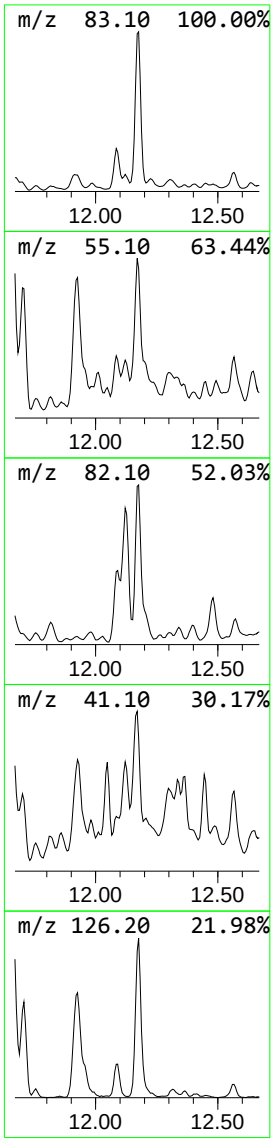
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

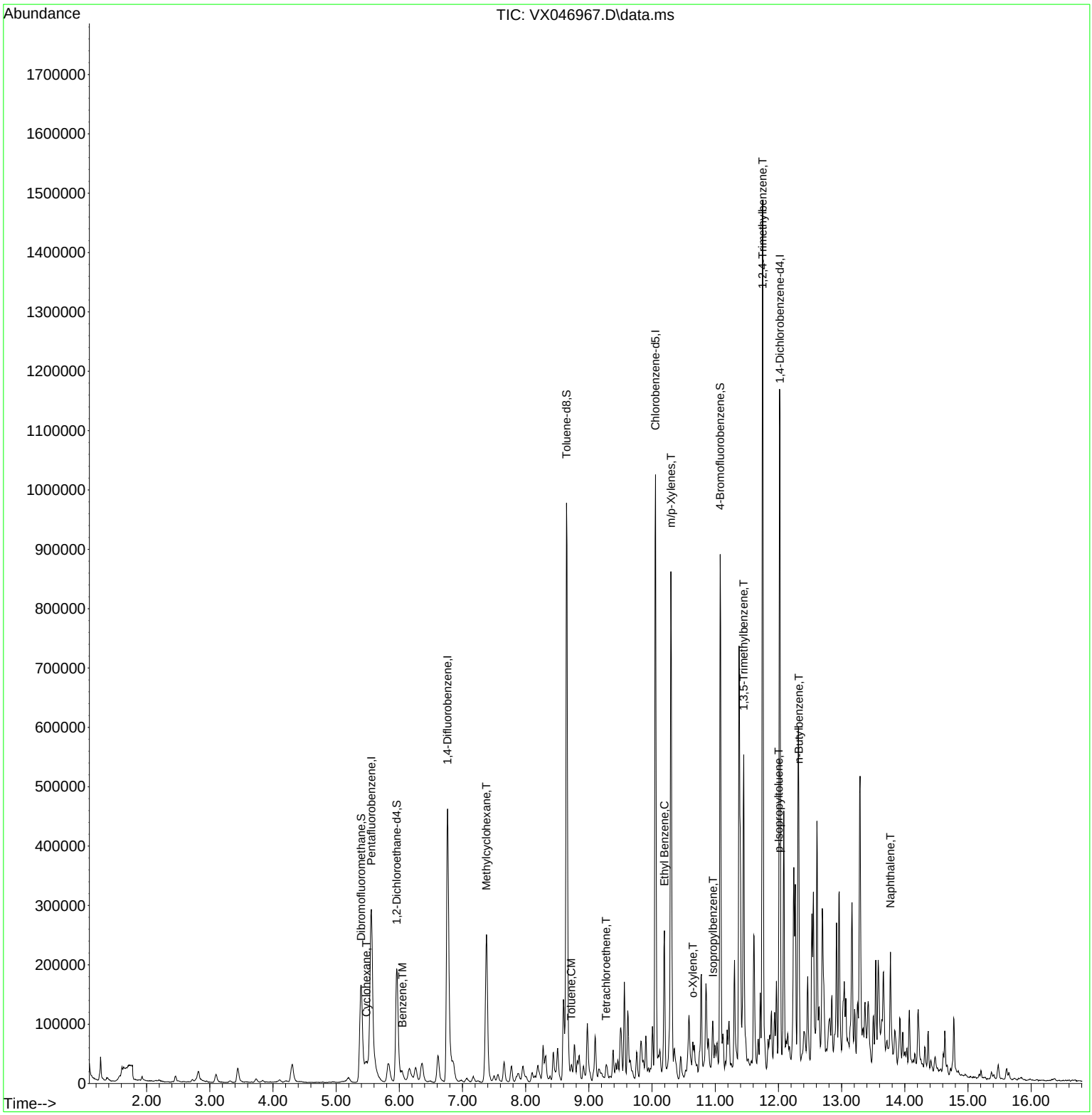
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Data File : VX046967.D
Acq On : 14 Jul 2025 12:49
Operator : JC/MD
Sample : Q2480-02ME
Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

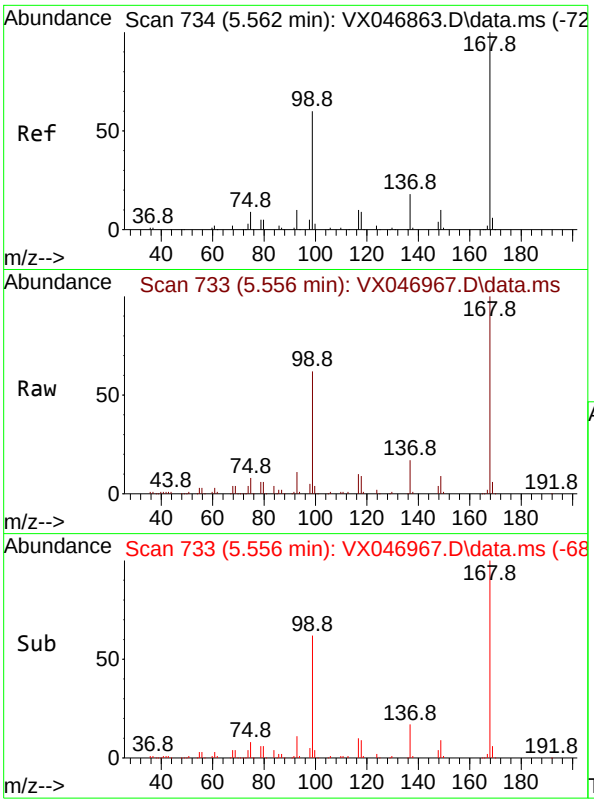
Quant Time: Jul 15 01:17:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations APPROVED

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

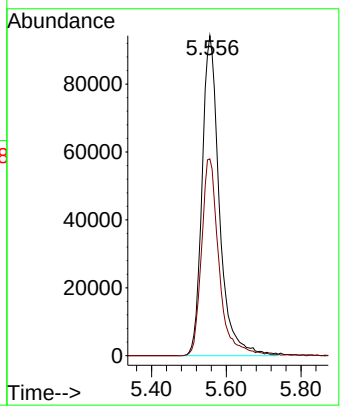




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:168 Resp: 30276

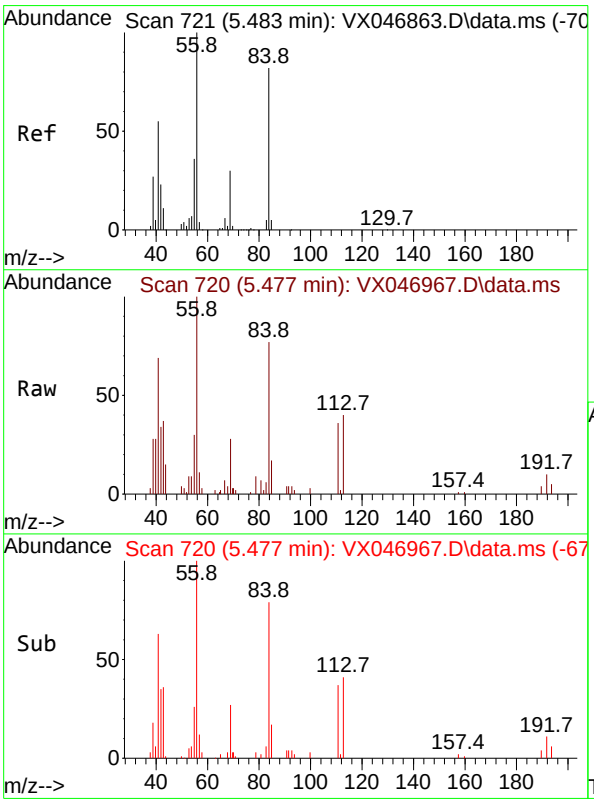
Ion	Ratio	Lower	Upper
168	100		
99	61.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

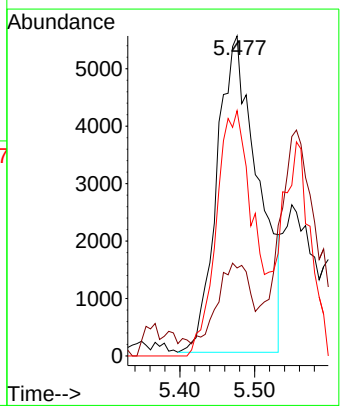
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

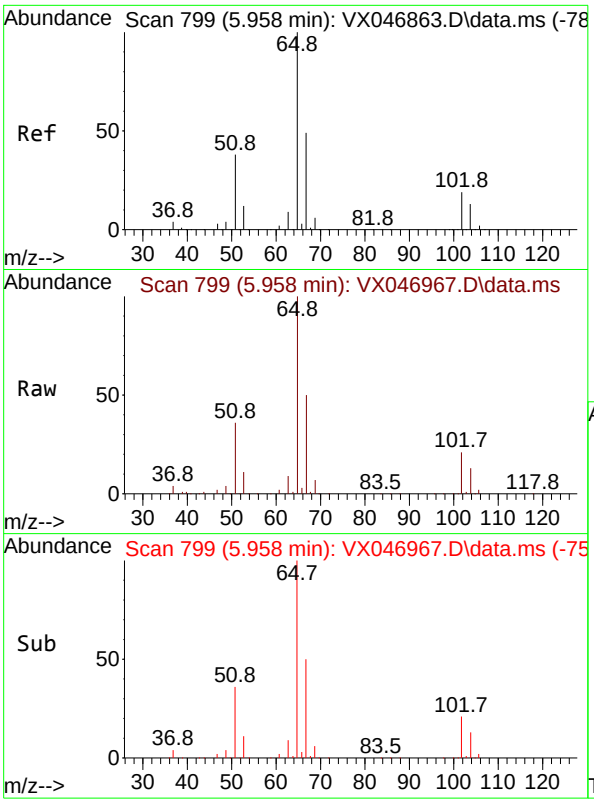


#31
Cyclohexane
Concen: 3.688 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

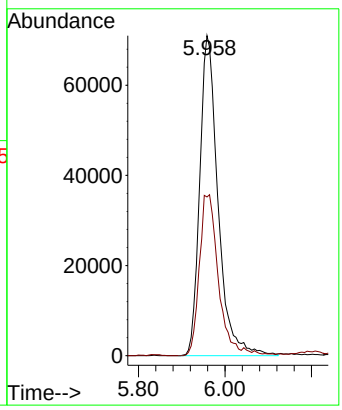




#33
1,2-Dichloroethane-d4
Concen: 52.110 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 65 Resp: 20843

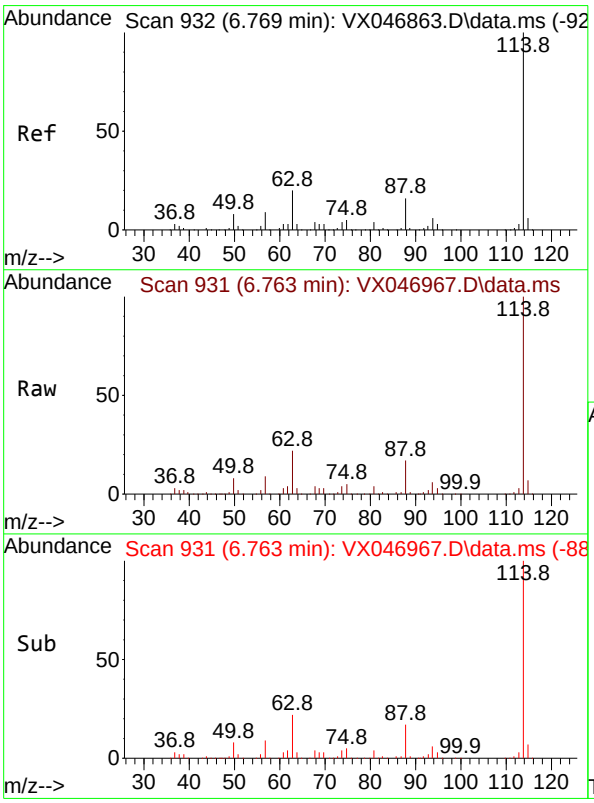
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.2



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

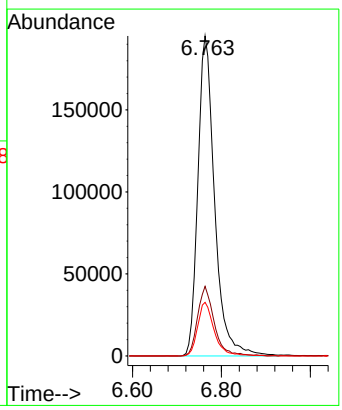
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

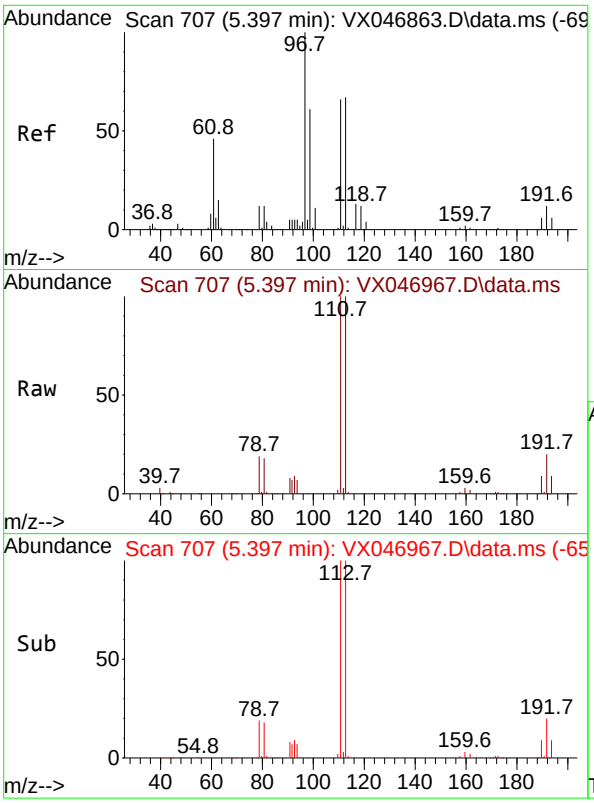


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

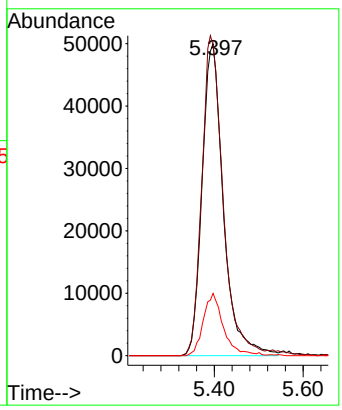




#35
Dibromofluoromethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:113 Resp: 16653

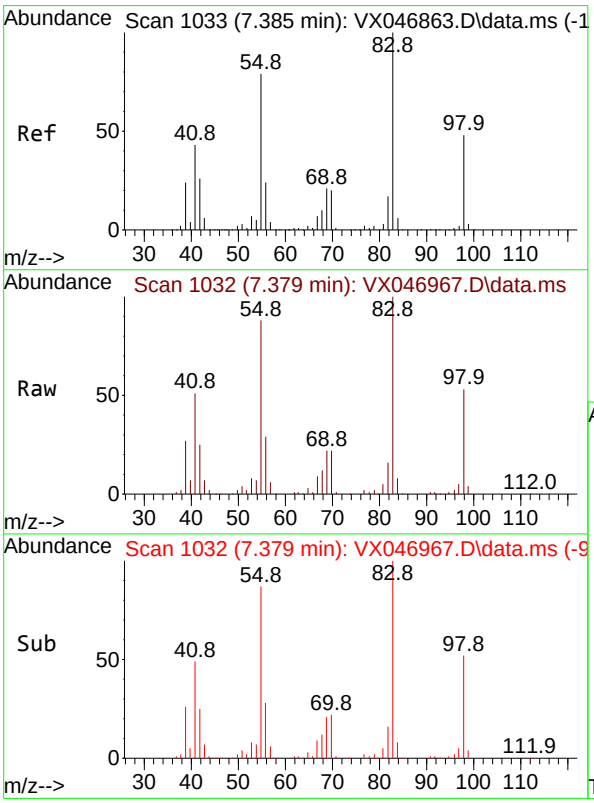
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.9	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

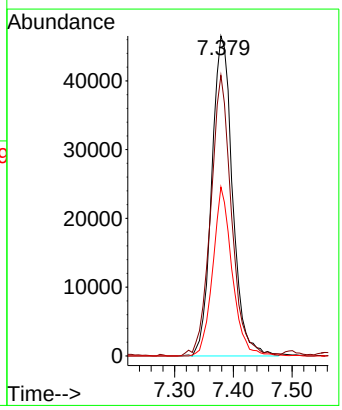
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

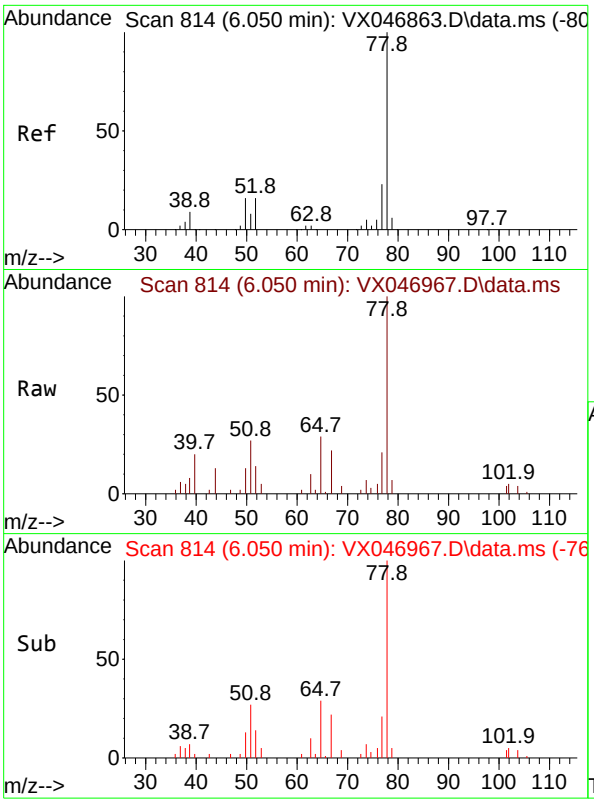


#39
Methylcyclohexane
Concen: 19.536 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

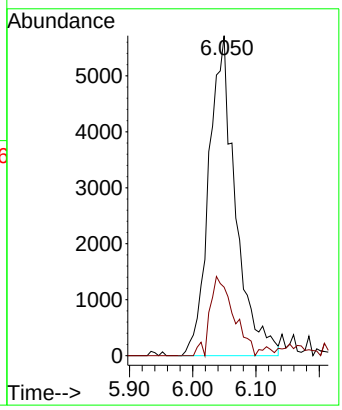




#40
Benzene
Concen: 1.177 ug/l
RT: 6.050 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 78 Resp: 1669

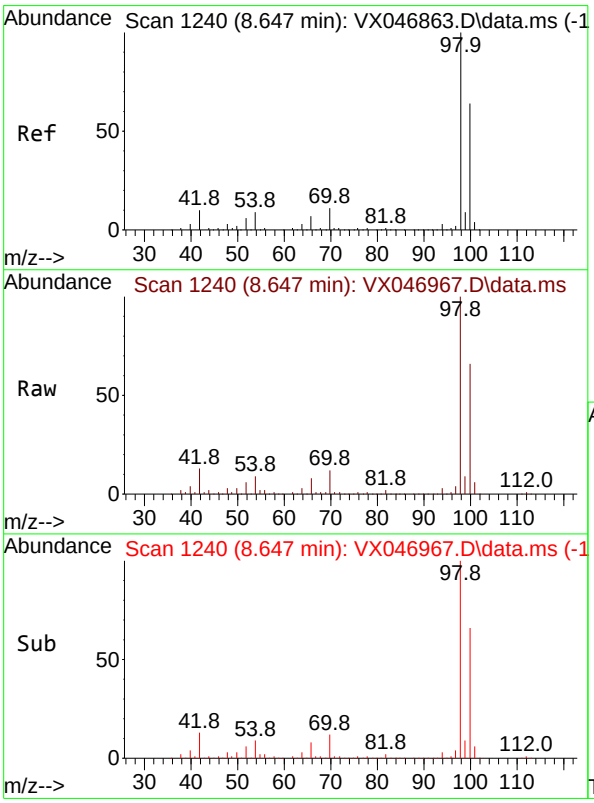
Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.7	28.1



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

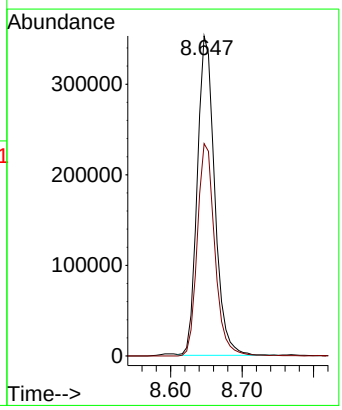
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

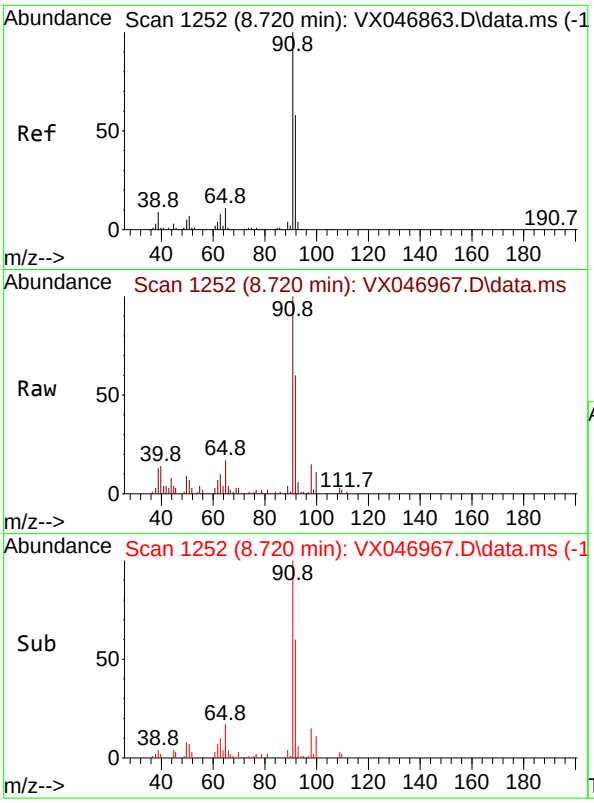


#50
Toluene-d8
Concen: 48.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 98 Resp: 593241

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.6

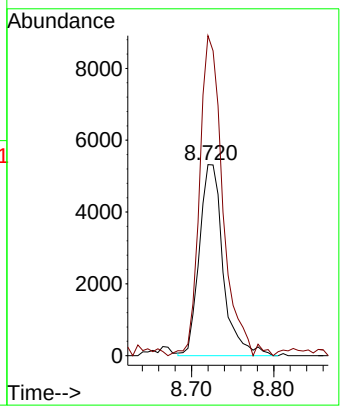




#52
Toluene
Concen: 1.216 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 92 Resp: 1069

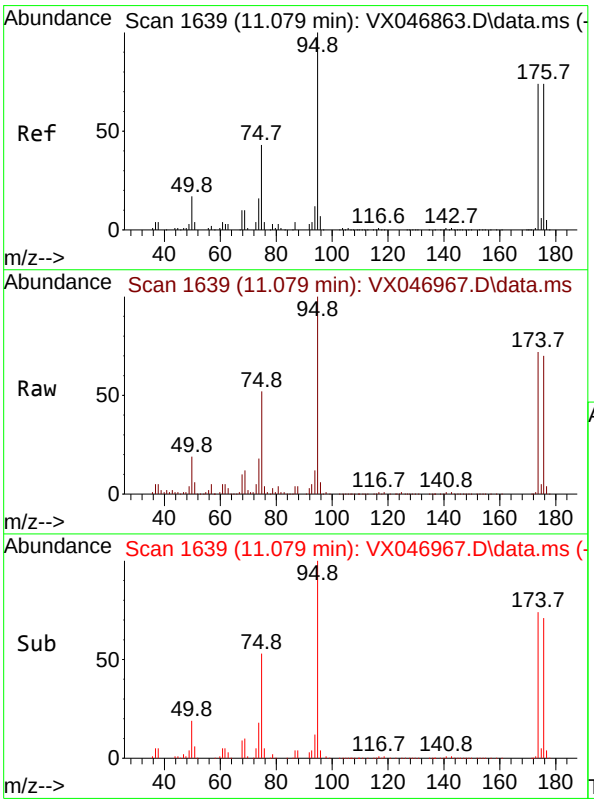
Ion	Ratio	Lower	Upper
92	100		
91	162.0	137.9	206.9



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

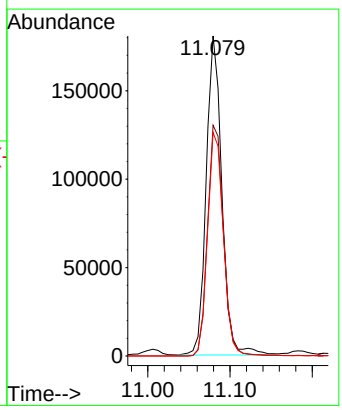
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

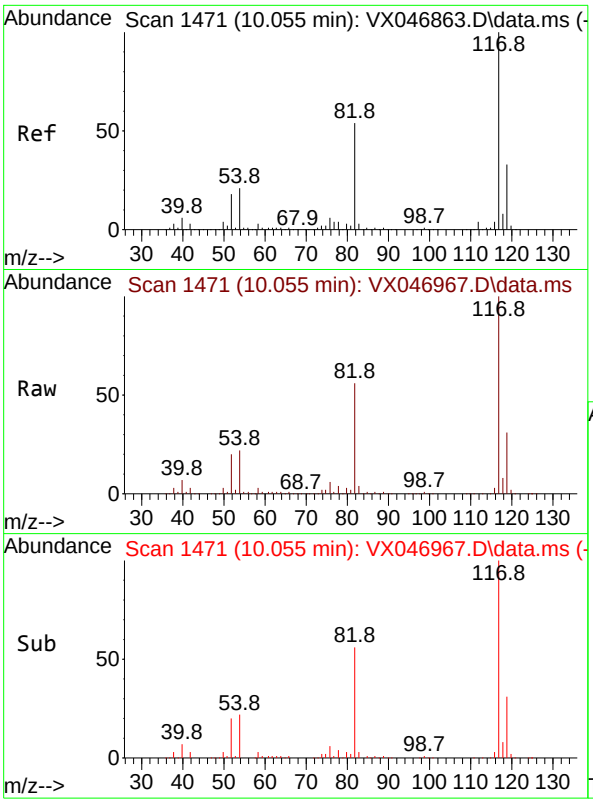


#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

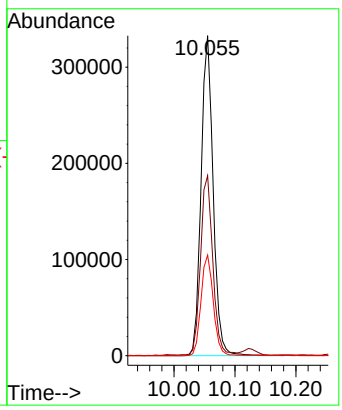




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:117 Resp: 45889

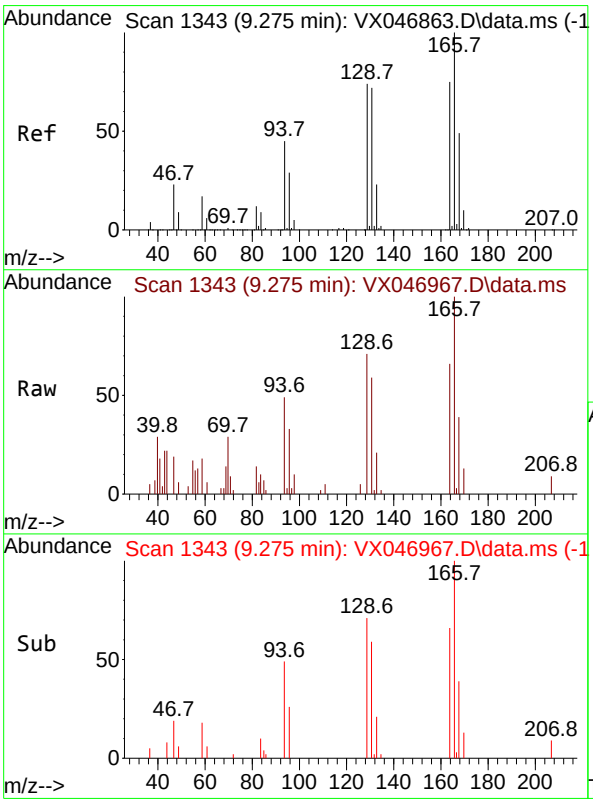
Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.3	64.9
119	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

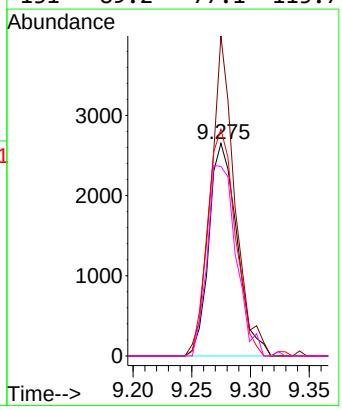
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

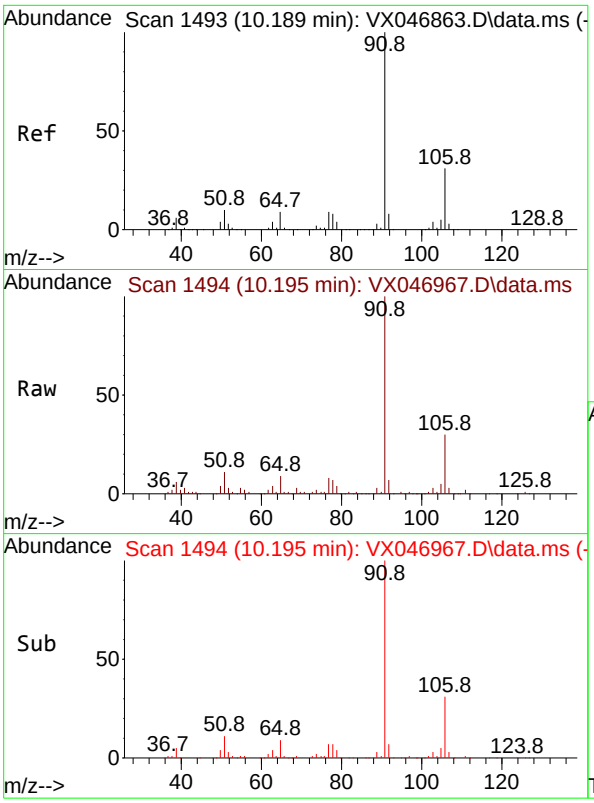


#64
Tetrachloroethene
Concen: 1.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

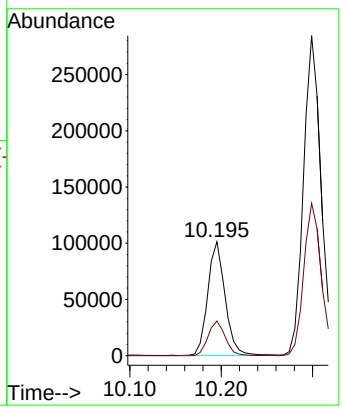




#67
Ethyl Benzene
Concen: 7.850 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 13337

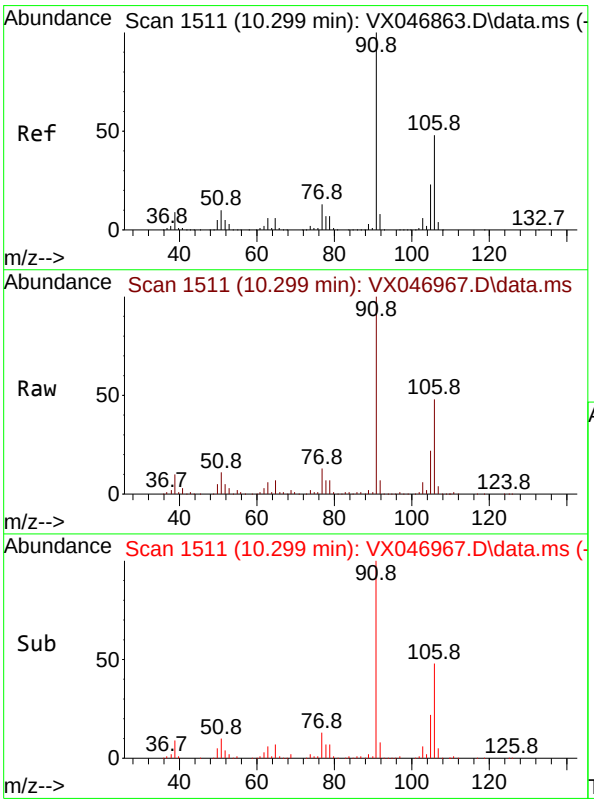
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

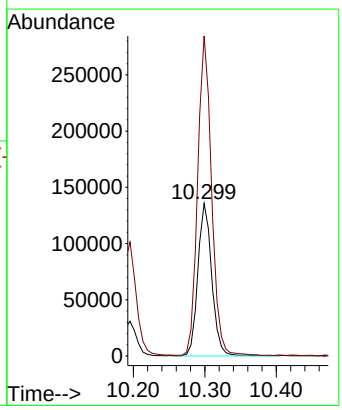
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

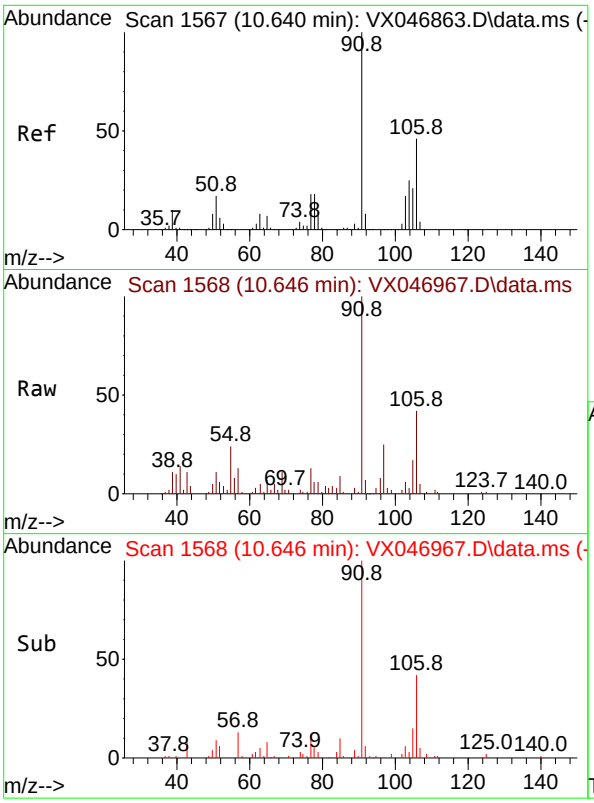


#68
m/p-Xylenes
Concen: 28.553 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

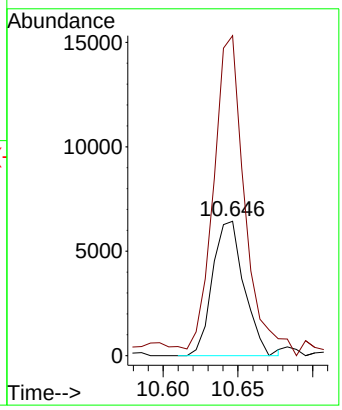
Tgt Ion:106 Resp: 947

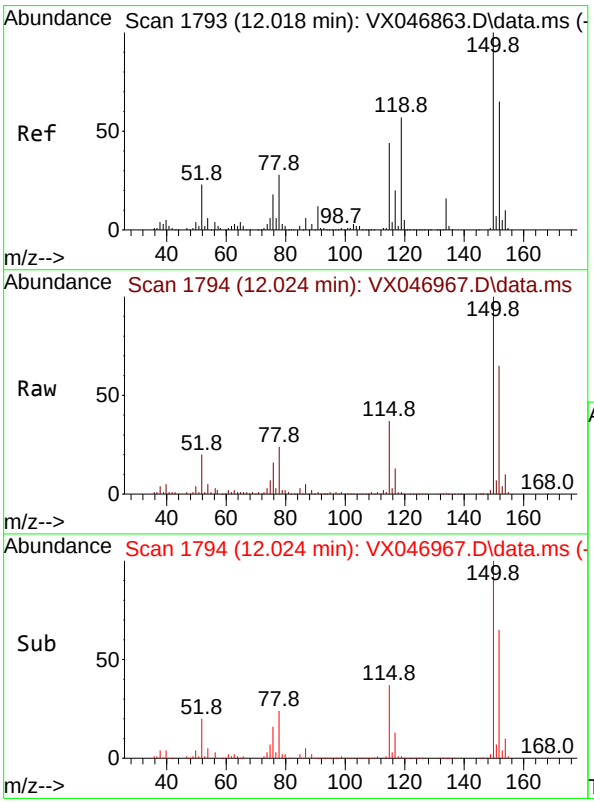
Ion	Ratio	Lower	Upper
106	100		
91	235.5	109.5	328.5

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

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

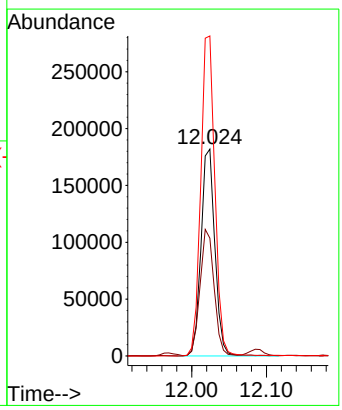


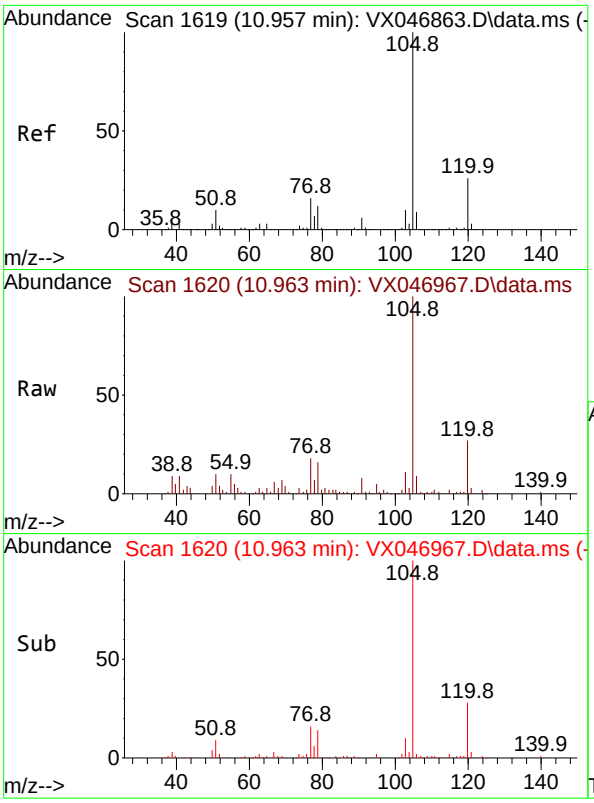


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

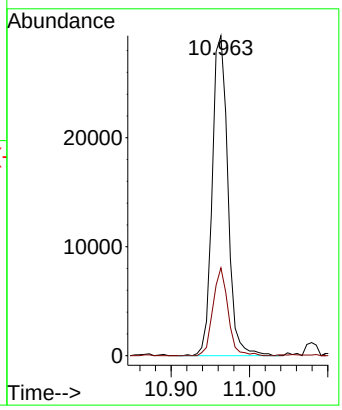




#73
Isopropylbenzene
Concen: 2.471 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 4077

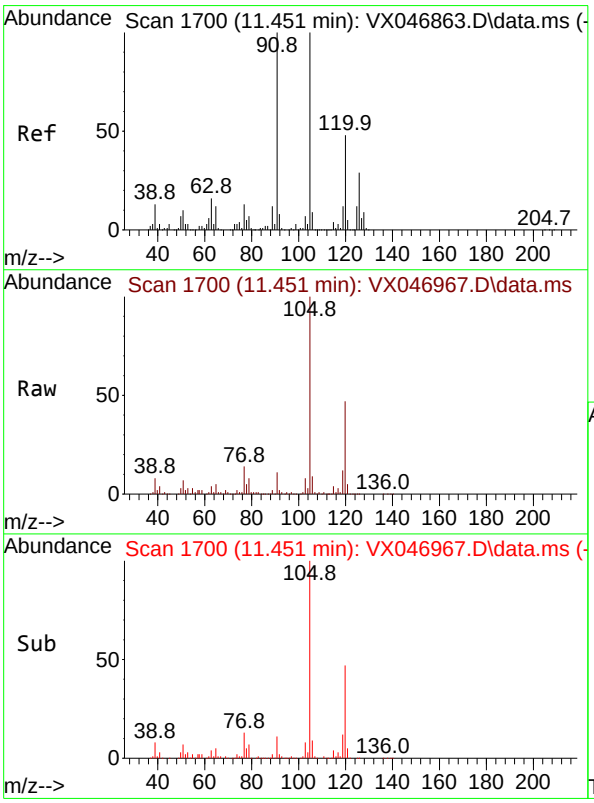
Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

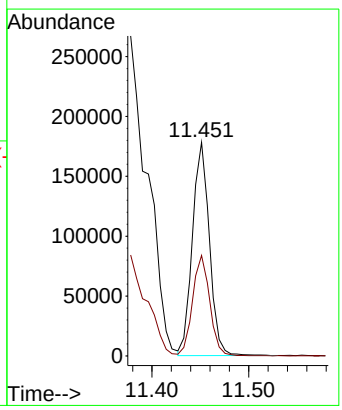
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

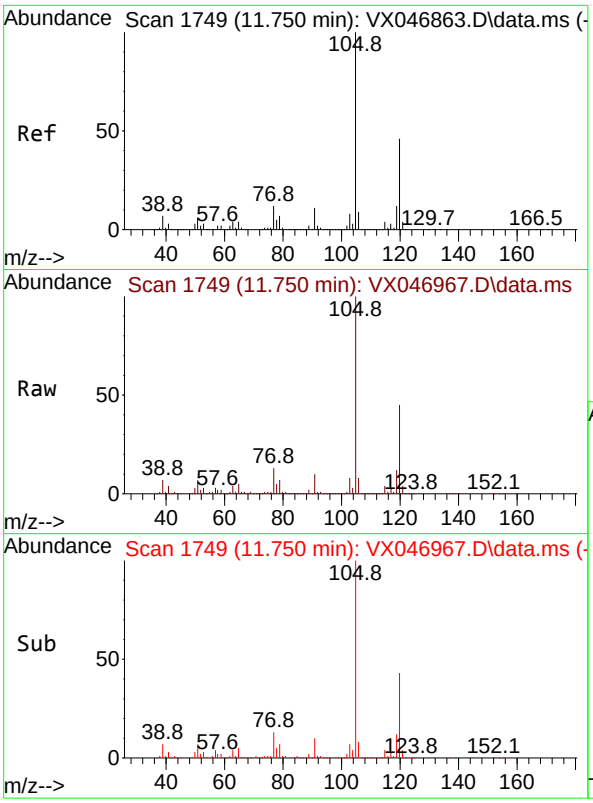


#80
1,3,5-Trimethylbenzene
Concen: 16.259 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 218024

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.1	72.4

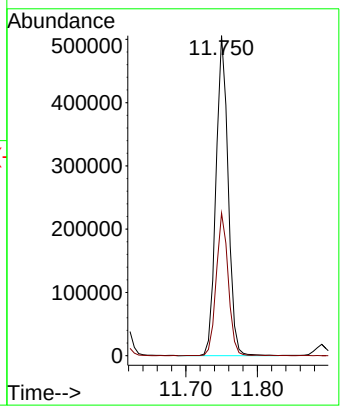




#84
1,2,4-Trimethylbenzene
Concen: 43.962 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 59584

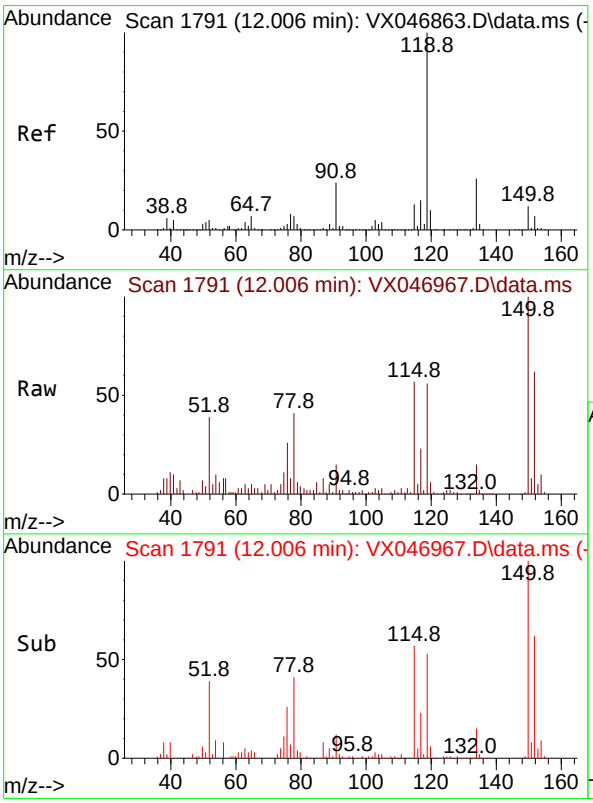
Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

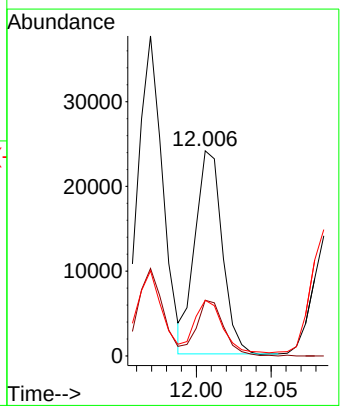
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

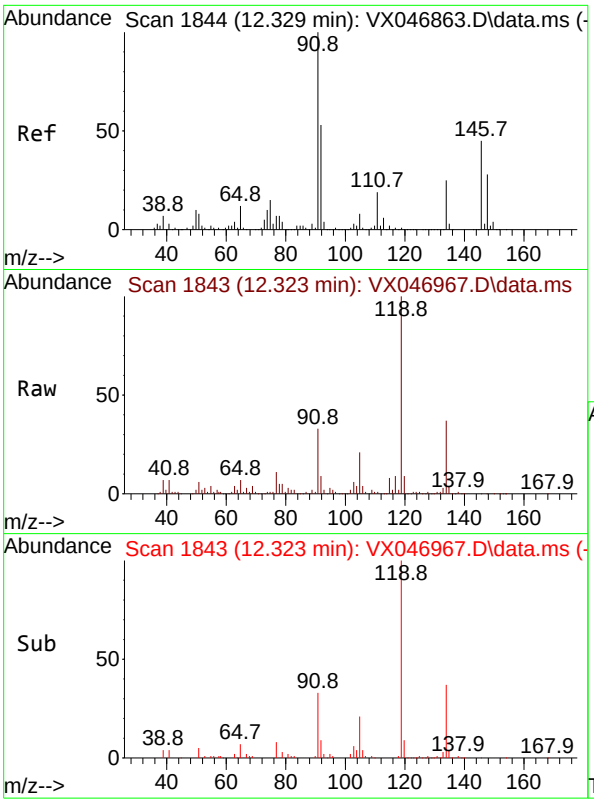


#86
p-Isopropyltoluene
Concen: 2.081 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

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

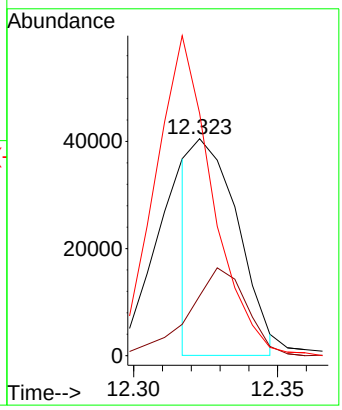




#89
n-Butylbenzene
Concen: 3.237 ug/l m
RT: 12.323 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 4448

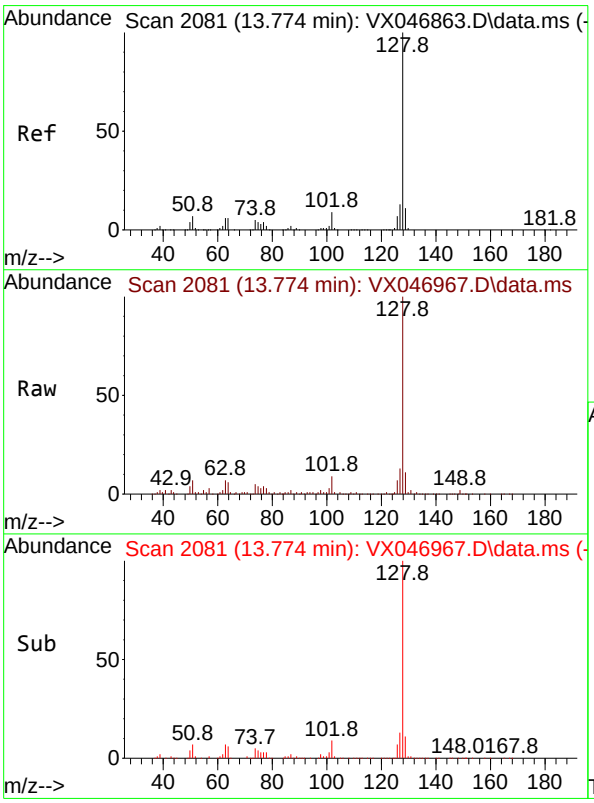
Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.0	81.0
134	184.1	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

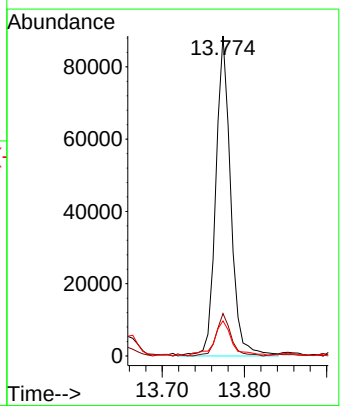
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#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



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

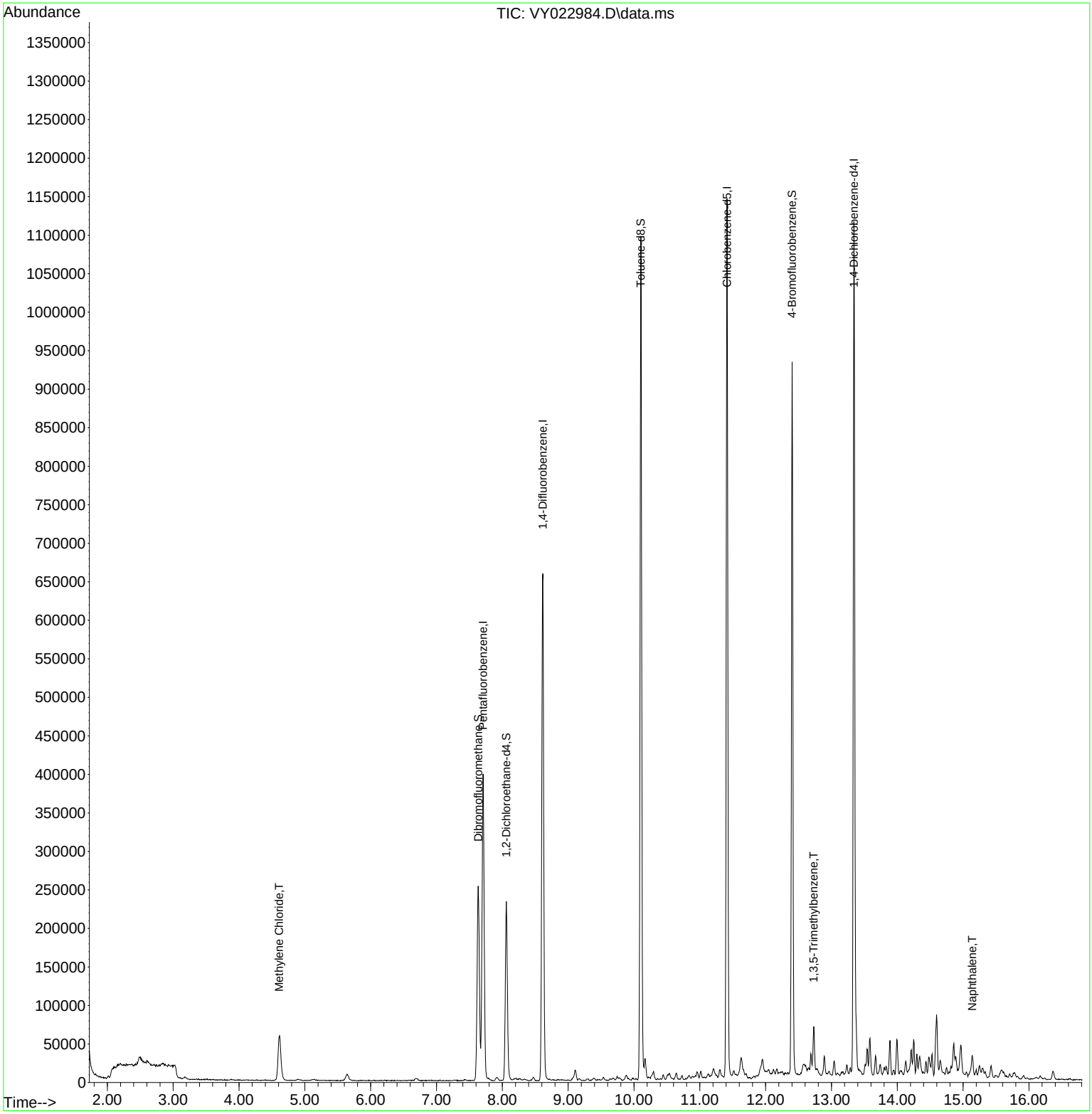
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	292899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	553522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	267602	50.000	ug/l	0.00
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

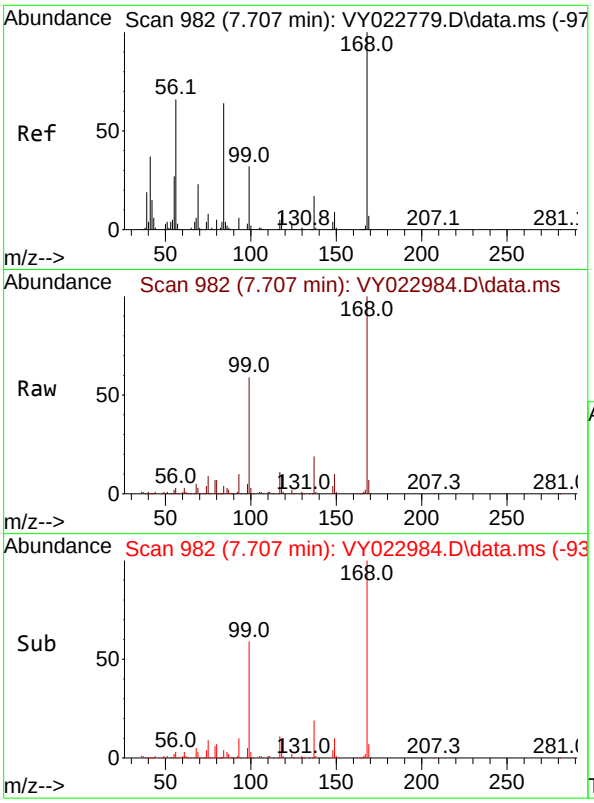
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



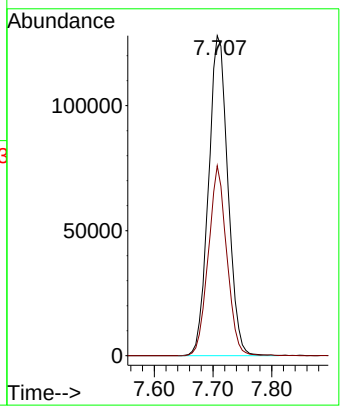


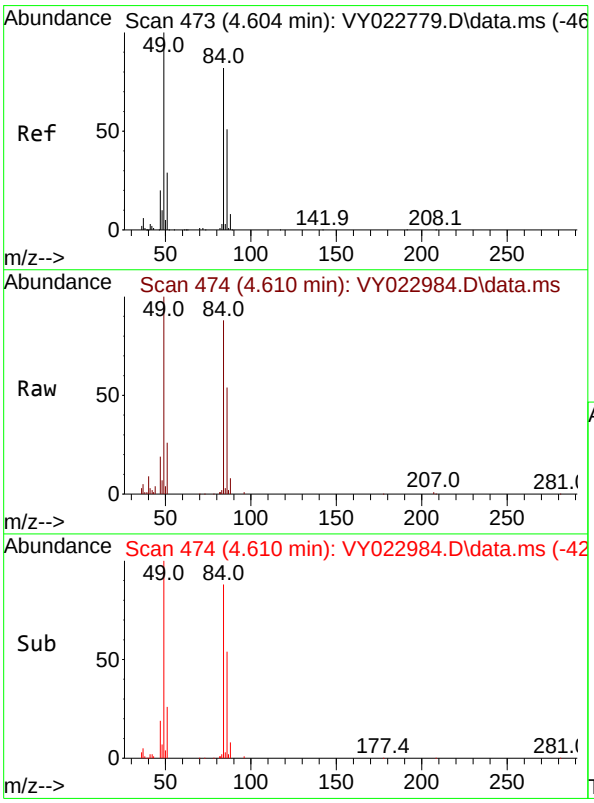
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion:168 Resp: 292899

Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5

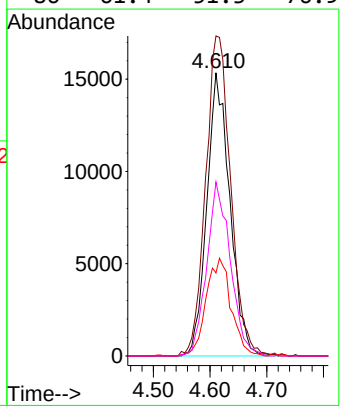


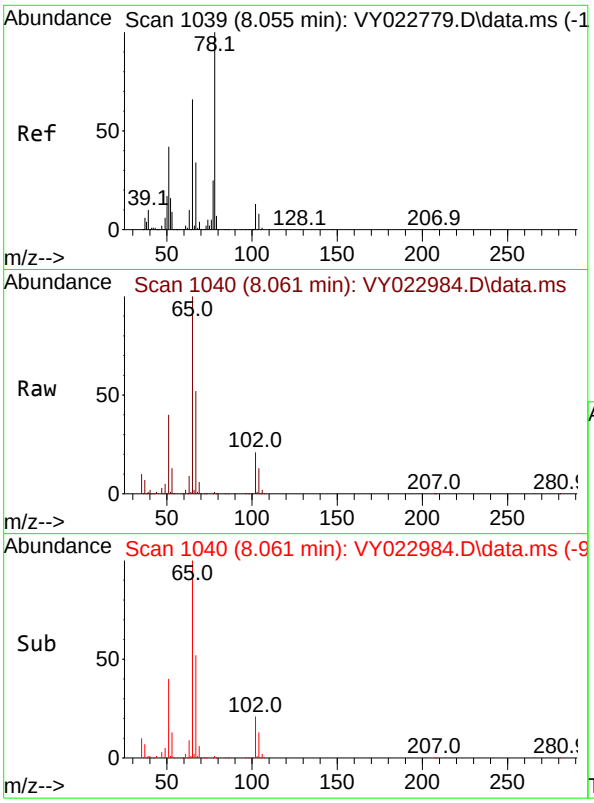


#20
Methylene Chloride
Concen: 11.144 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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



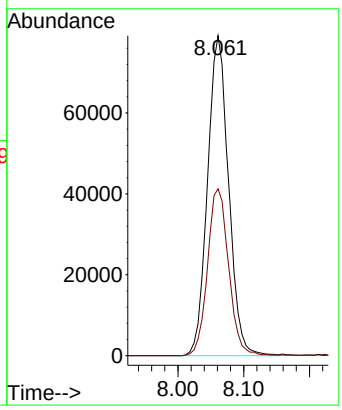


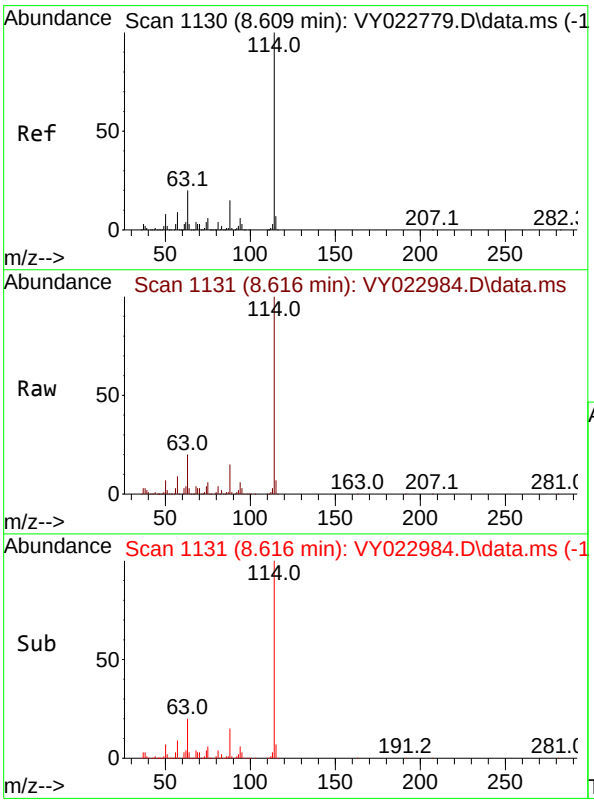
#33
1,2-Dichloroethane-d4
Concen: 53.914 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
GPX3

Tgt Ion: 65 Resp: 176246

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.4

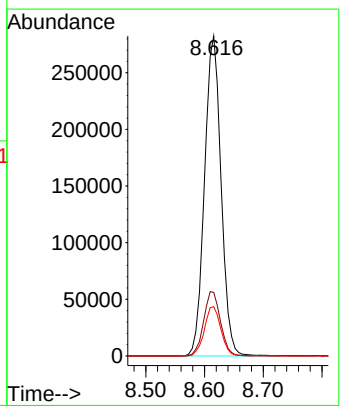


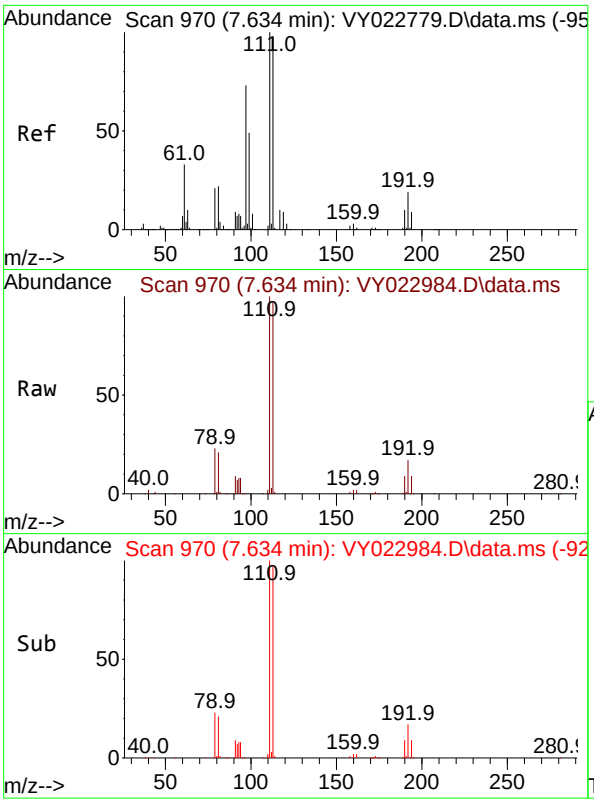


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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



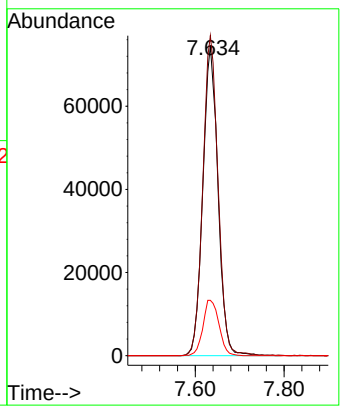


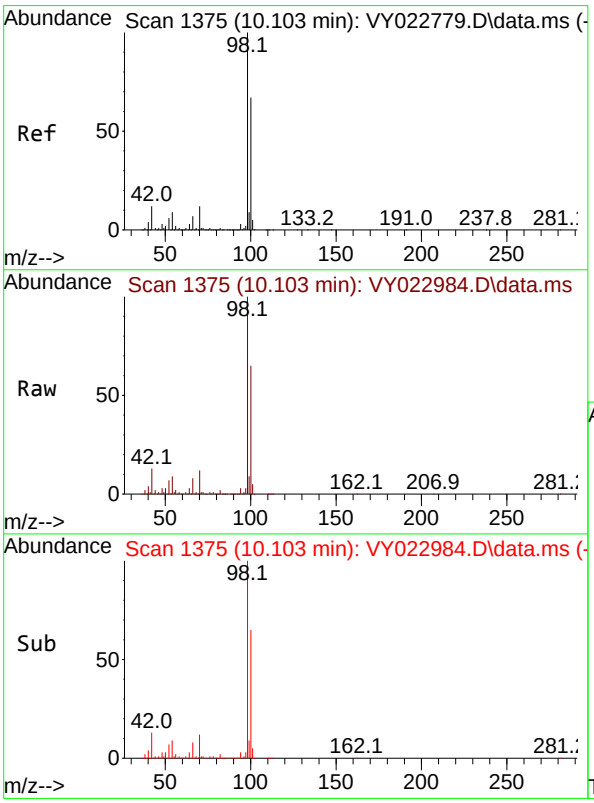
#35
Dibromofluoromethane
Concen: 52.553 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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

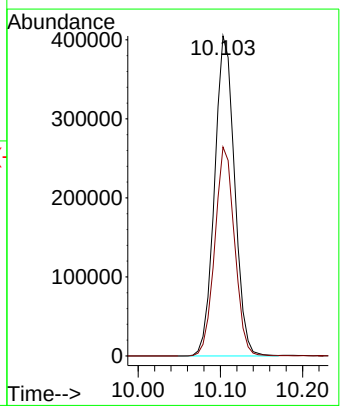


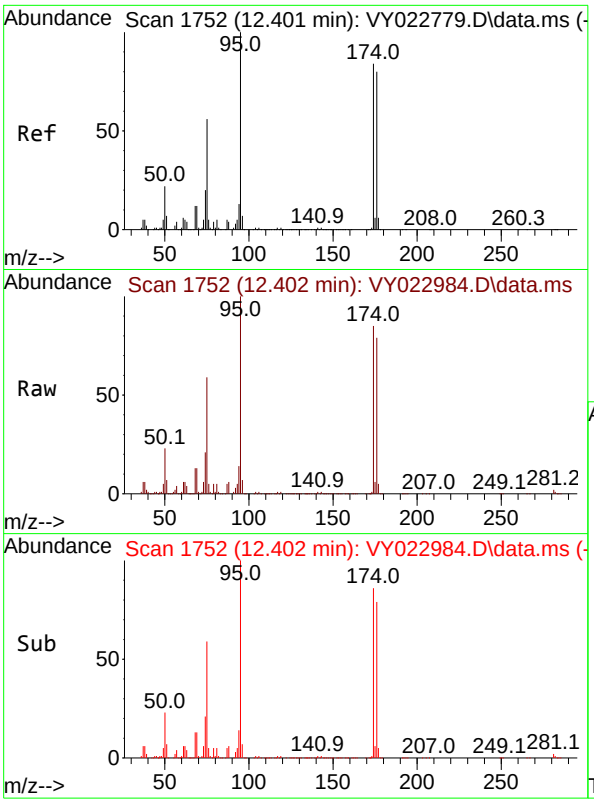


#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion: 98 Resp: 685048

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



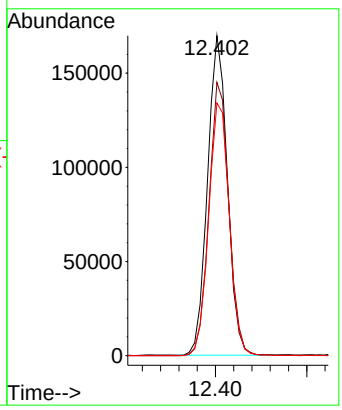


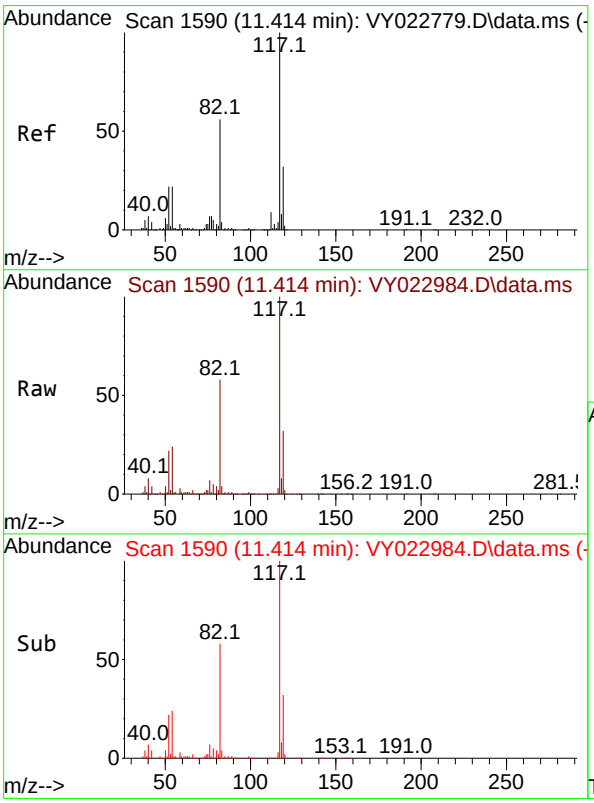
#62
4-Bromofluorobenzene
Concen: 59.386 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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

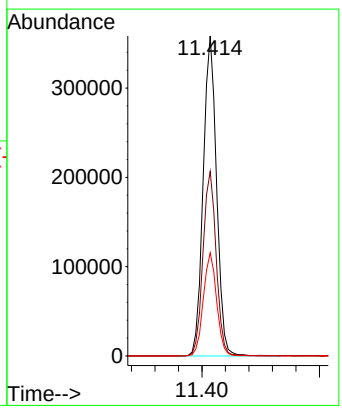


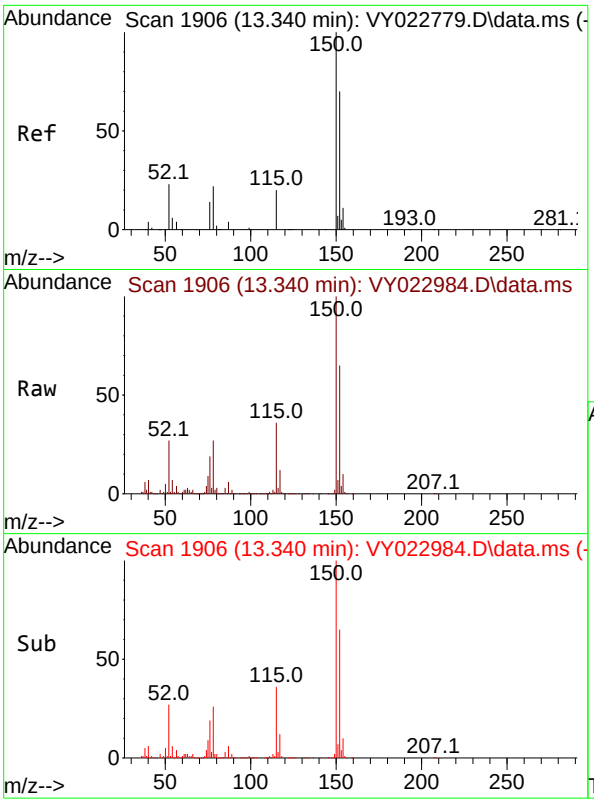


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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



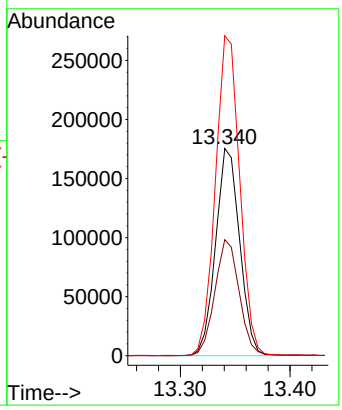


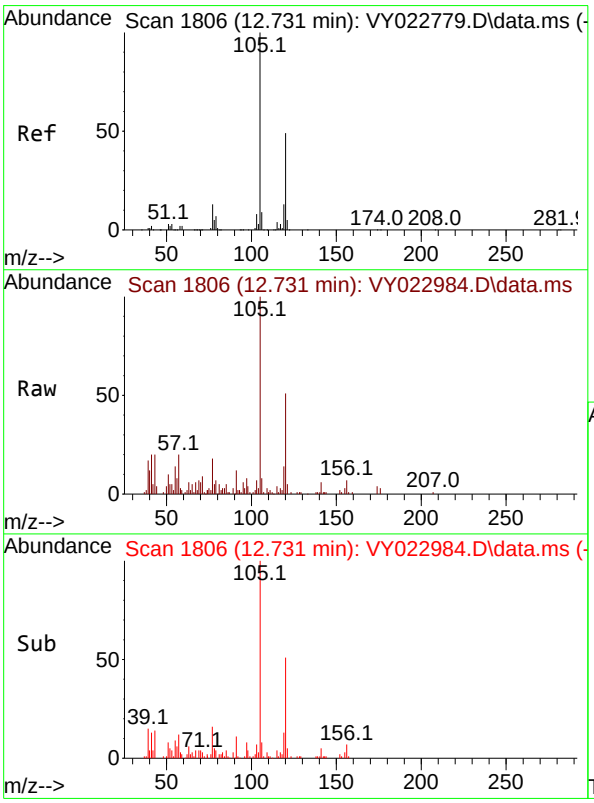
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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

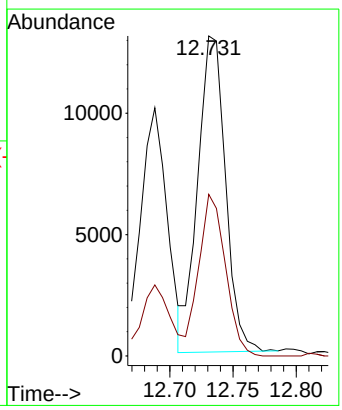


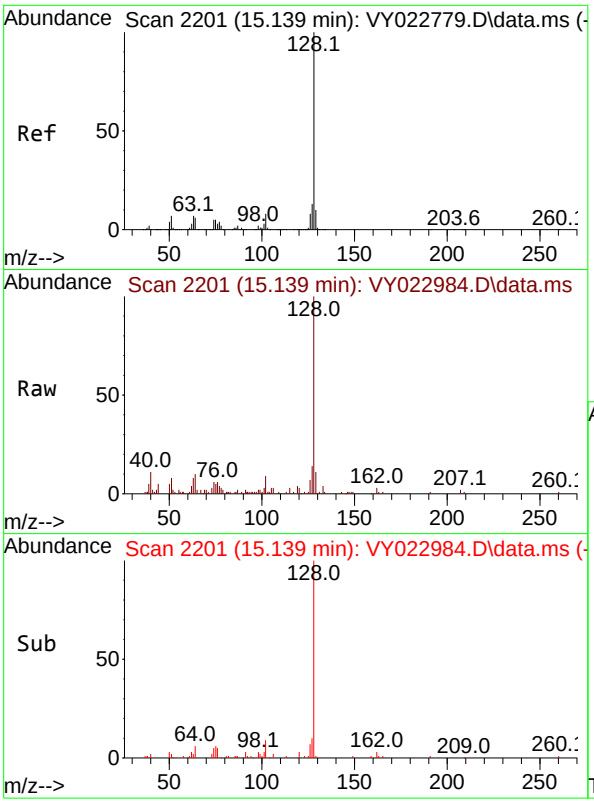


#80
1,3,5-Trimethylbenzene
Concen: 1.247 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

Tgt Ion:105 Resp: 19925

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.4



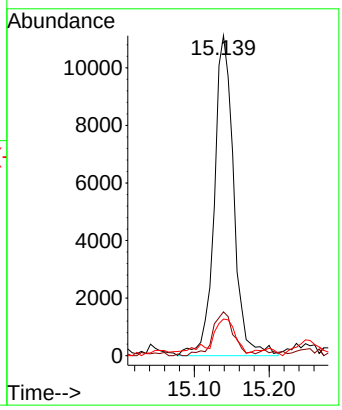


#95
Naphthalene
Concen: 2.485 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022984.D
Acq: 08 Jul 2025 18:34

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

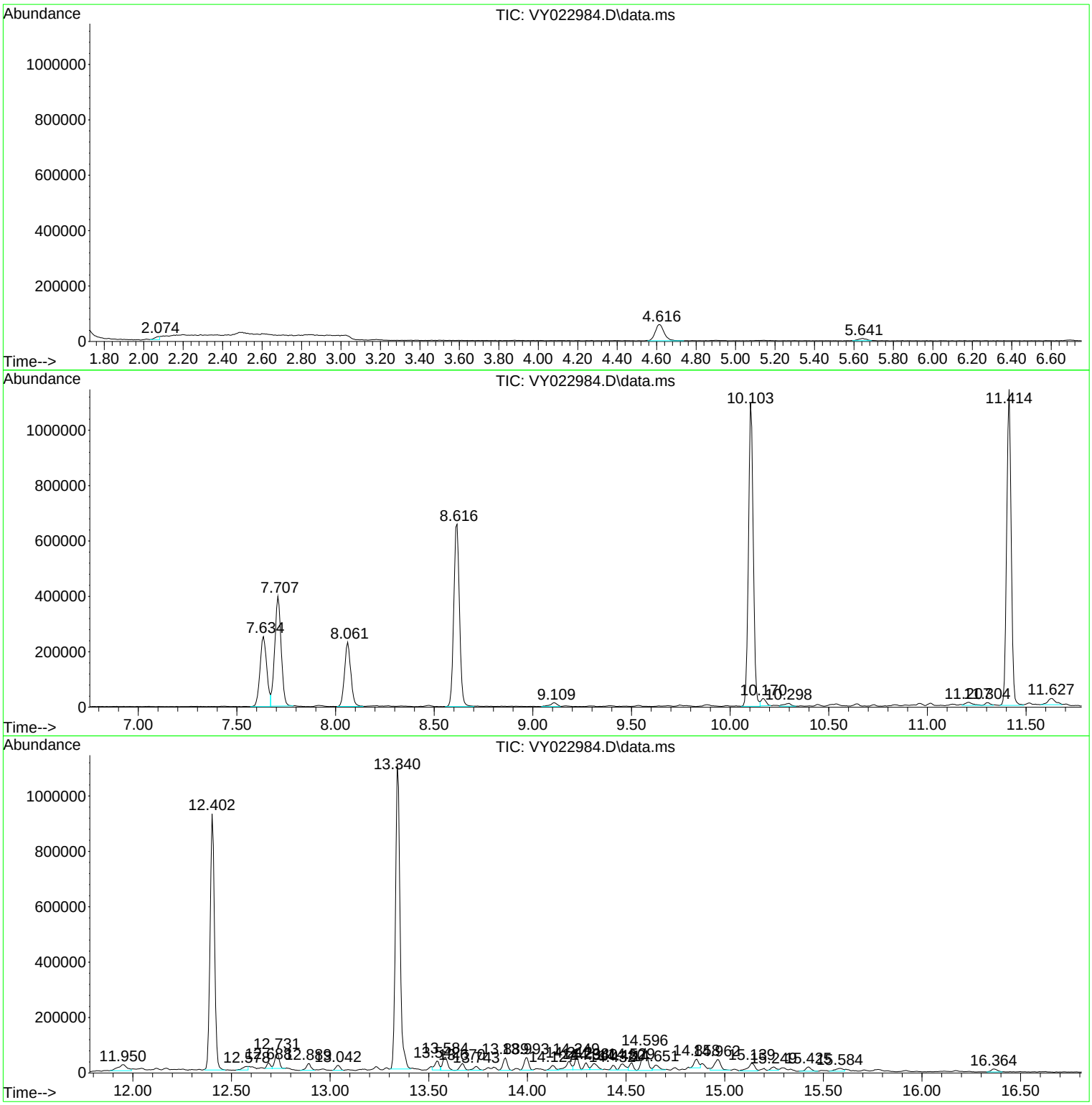
Sample Results: **VY022984.D**

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%			

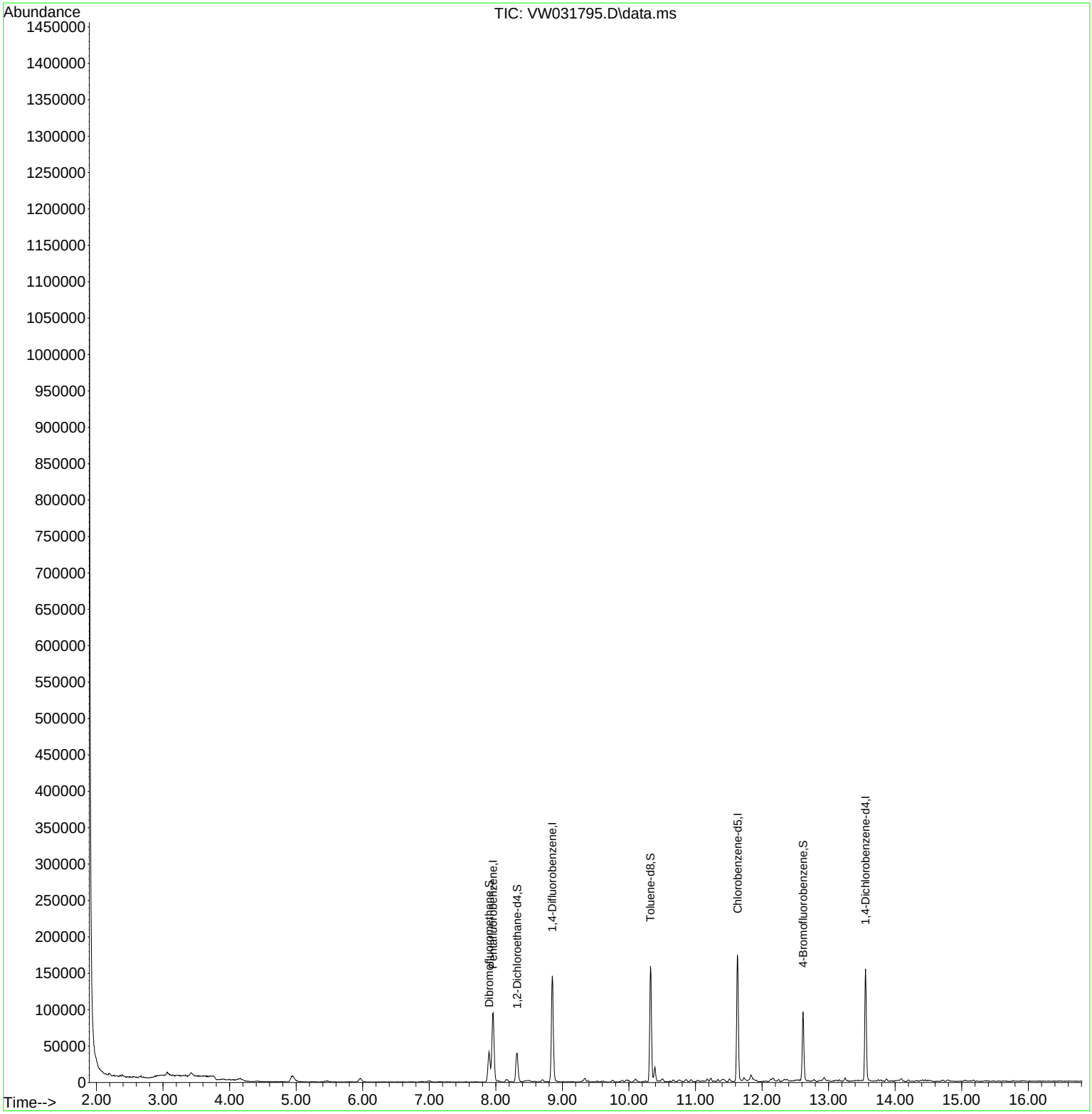
Target Compounds Qvalue

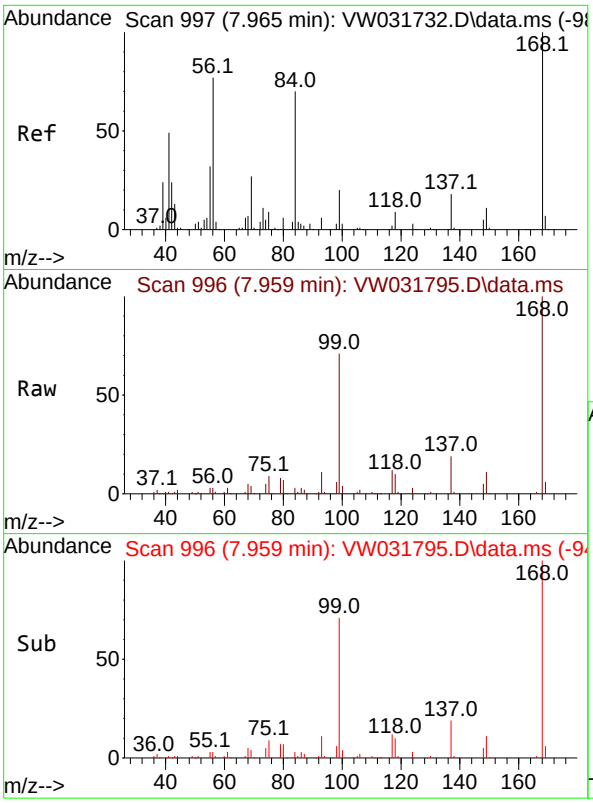
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



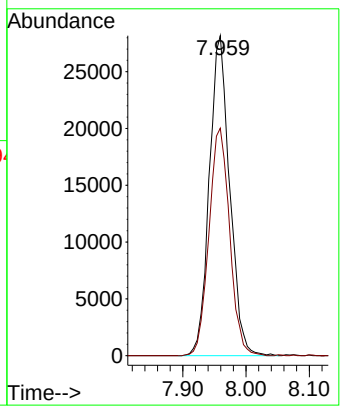


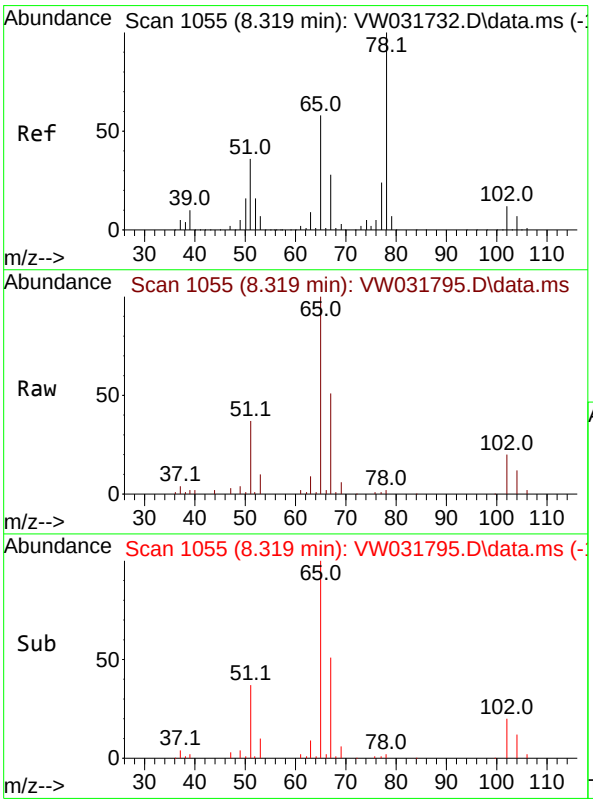
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion:168 Resp: 62804

Ion	Ratio	Lower	Upper
168	100		
99	71.1	49.4	74.2

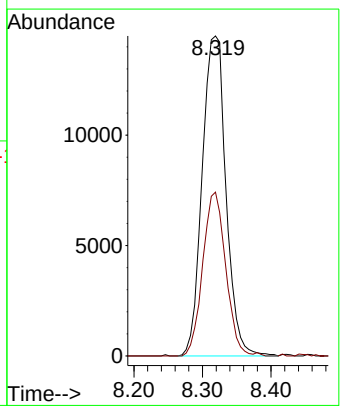


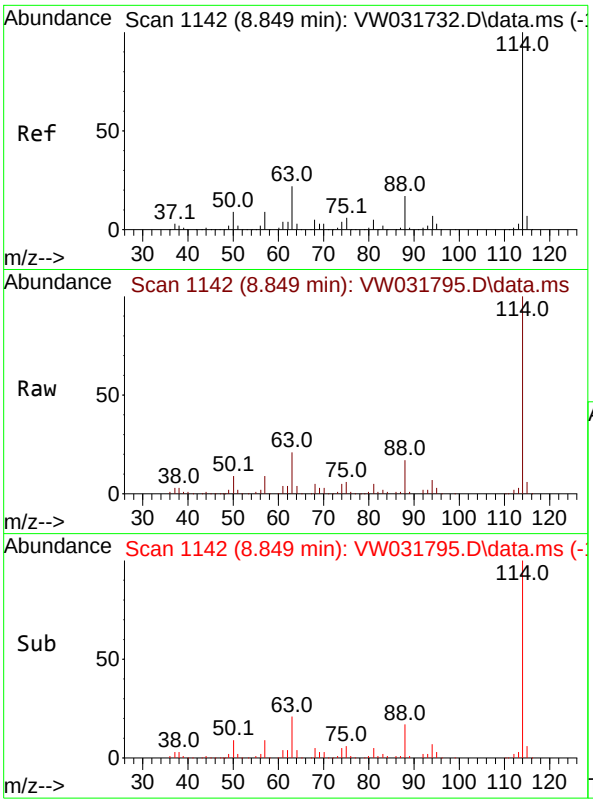


#33
1,2-Dichloroethane-d4
Concen: 38.876 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Tgt Ion: 65 Resp: 35039

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.4



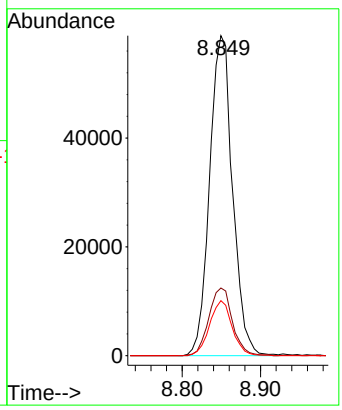


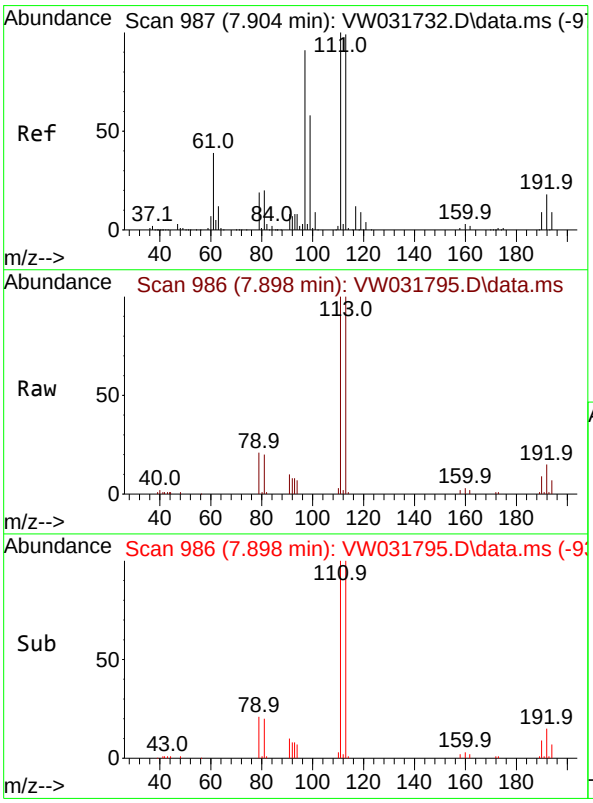
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

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

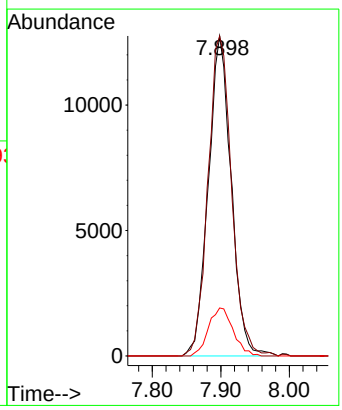


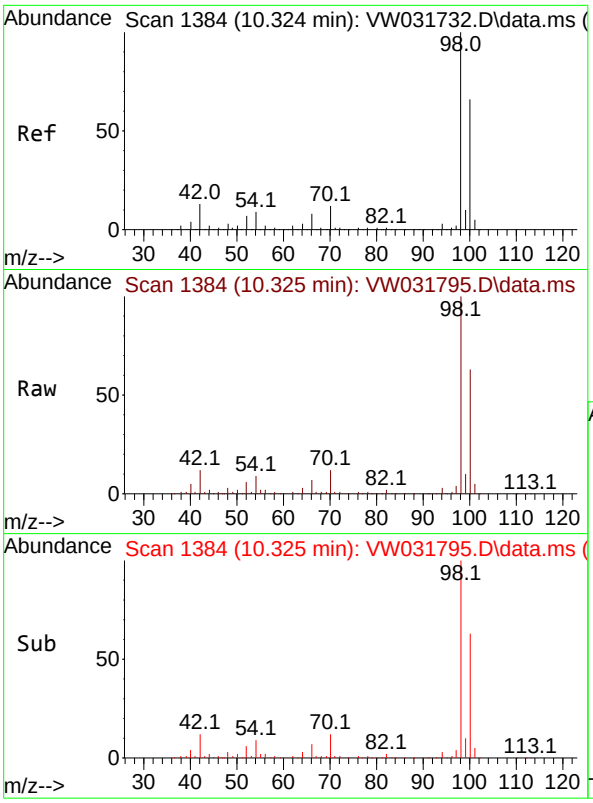


#35
Dibromofluoromethane
Concen: 37.719 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

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



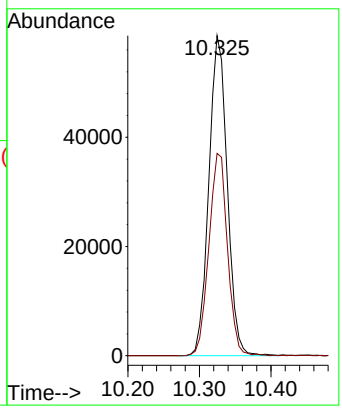


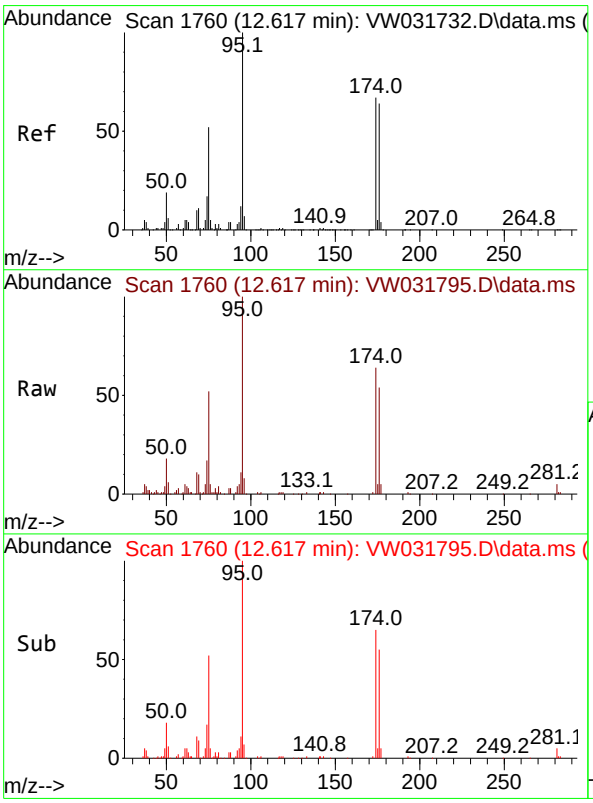
#50
Toluene-d8
Concen: 35.924 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

Instrument :
MSVOA_W
ClientSampleId :
GPX3RE

Tgt Ion: 98 Resp: 104494

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.0	79.4

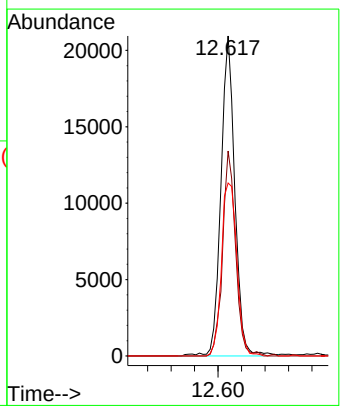


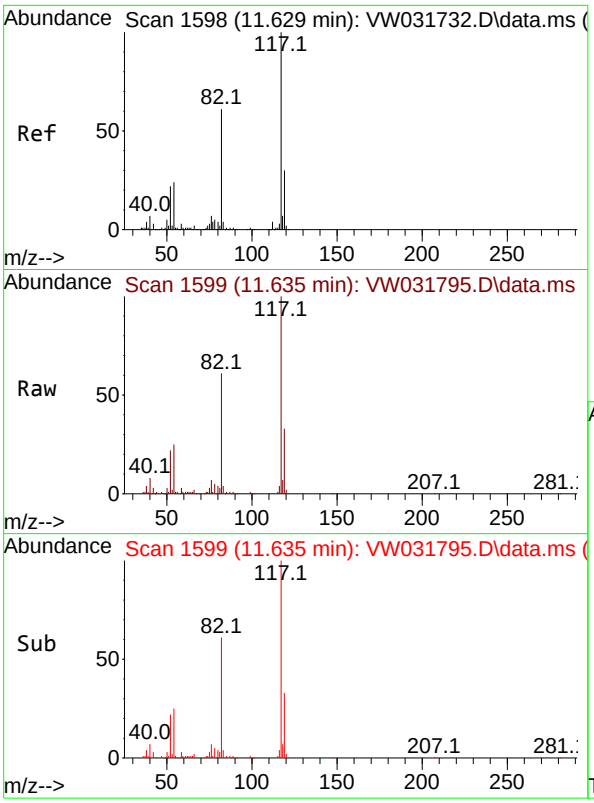


#62
4-Bromofluorobenzene
Concen: 32.175 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

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



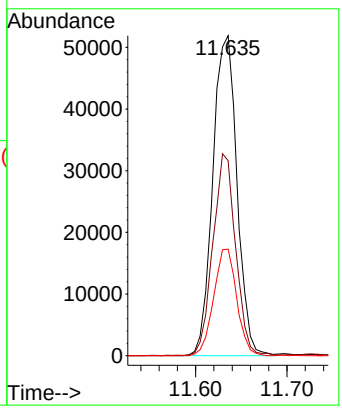


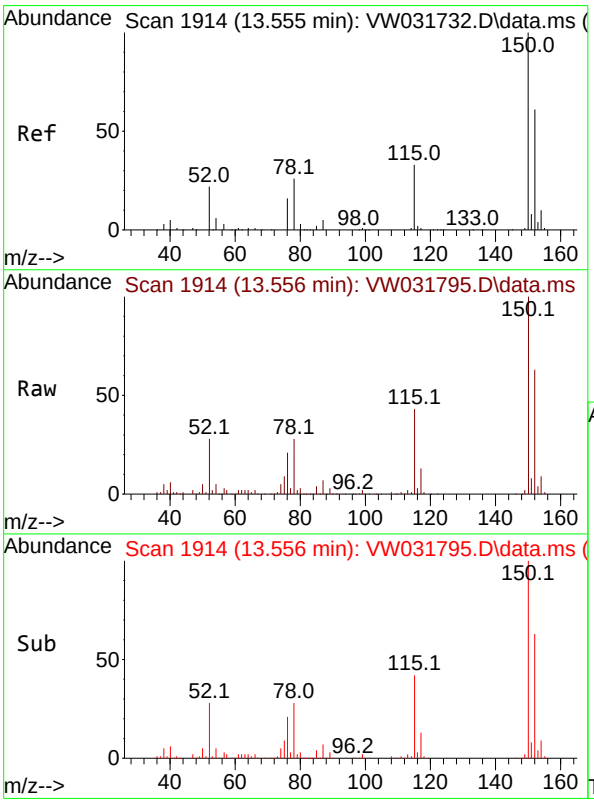
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

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

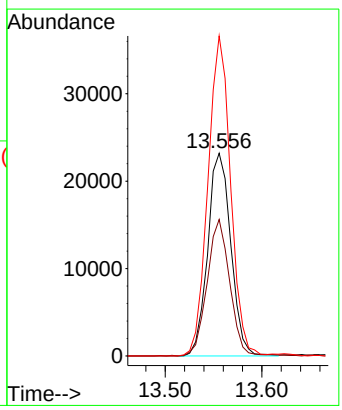




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031795.D
Acq: 10 Jul 2025 12:19

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

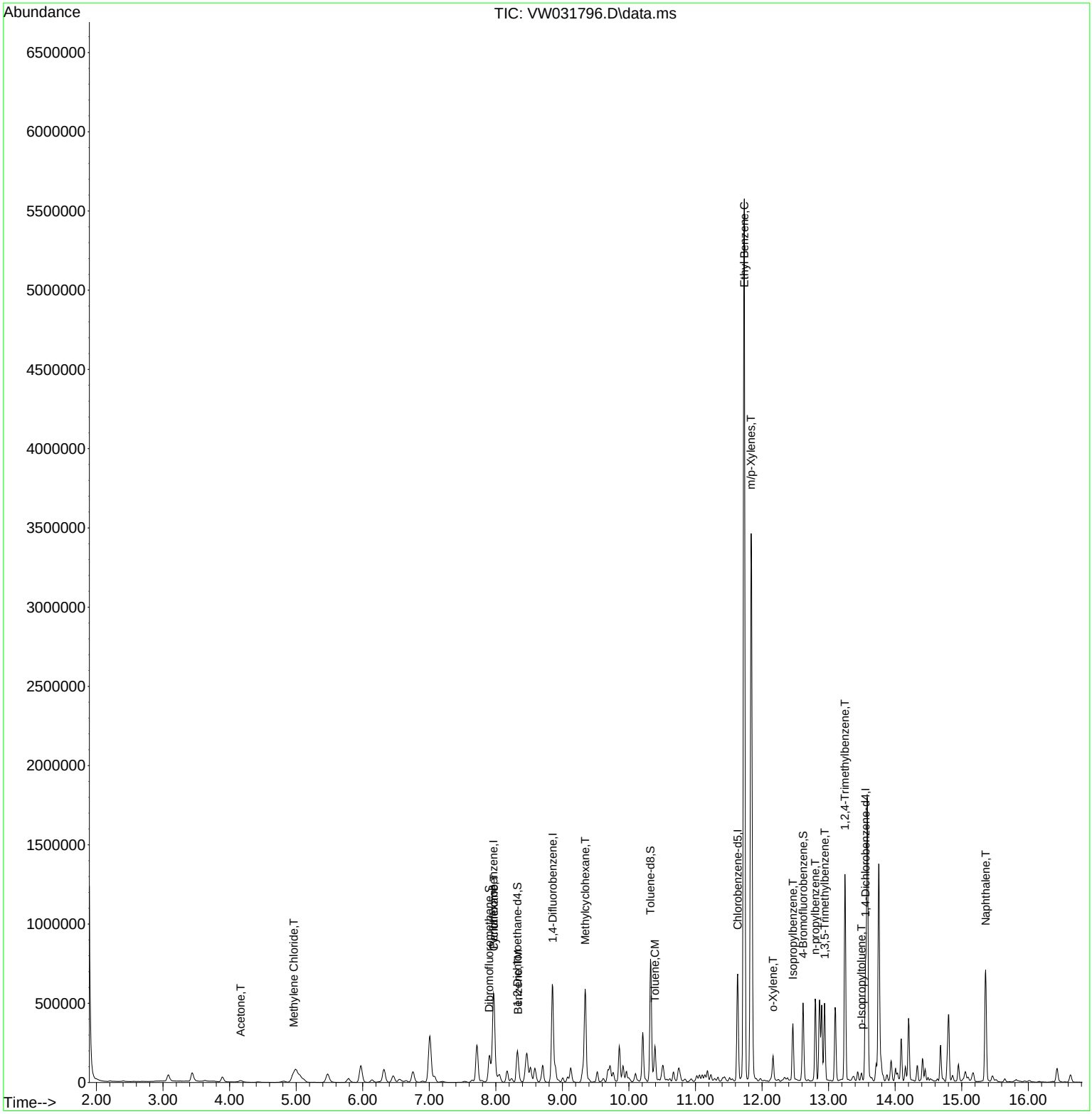
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	183364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	381218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162355	50.000	ug/l	0.00
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

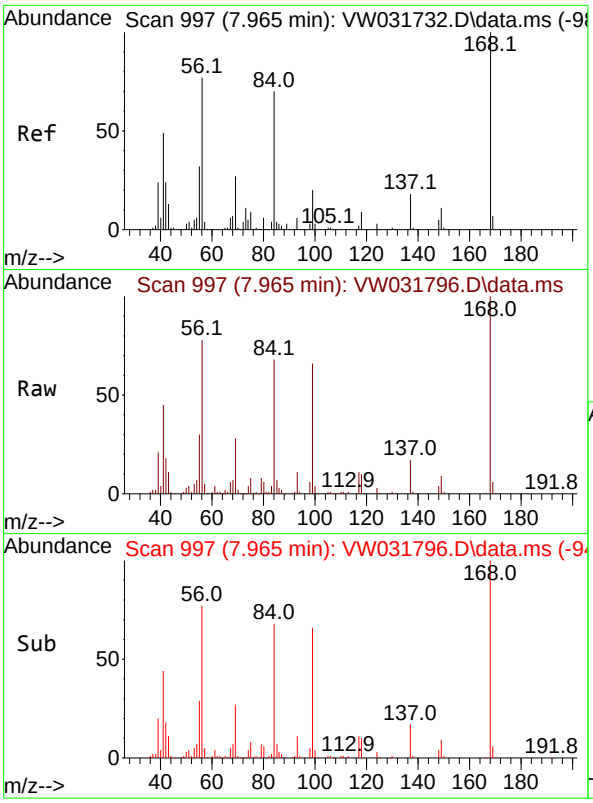
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



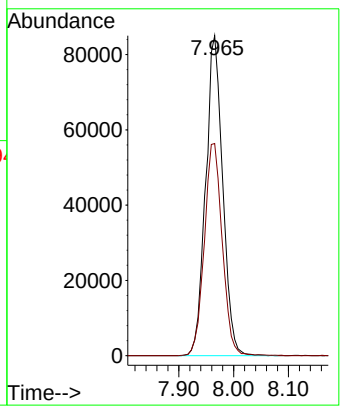


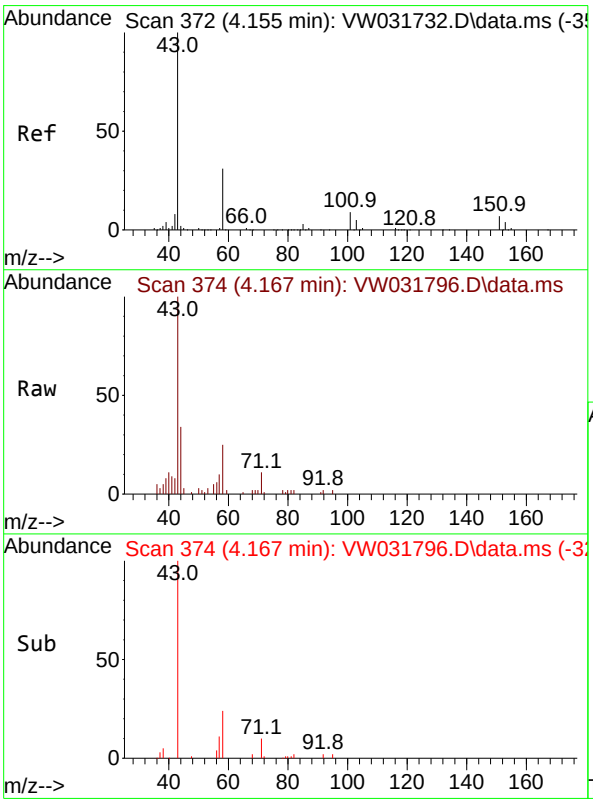
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:168 Resp: 183364

Ion	Ratio	Lower	Upper
168	100		
99	66.3	49.4	74.2

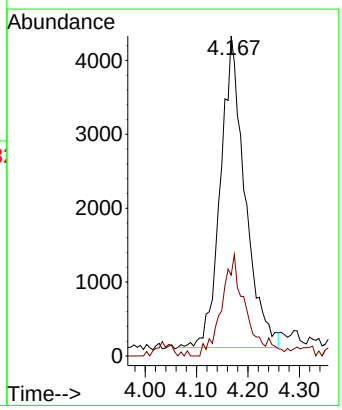


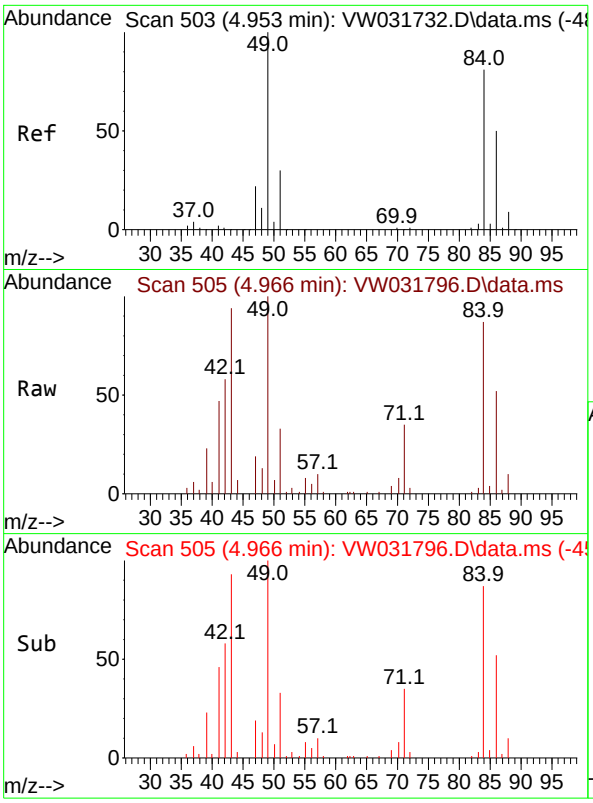


#16
Acetone
Concen: 21.481 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 43 Resp: 13972

Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.8	37.2



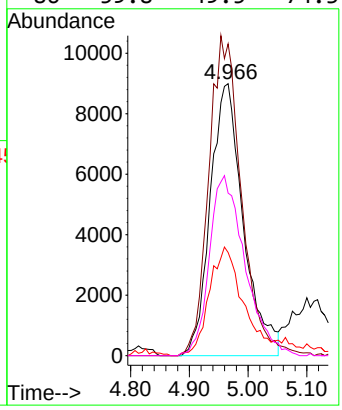


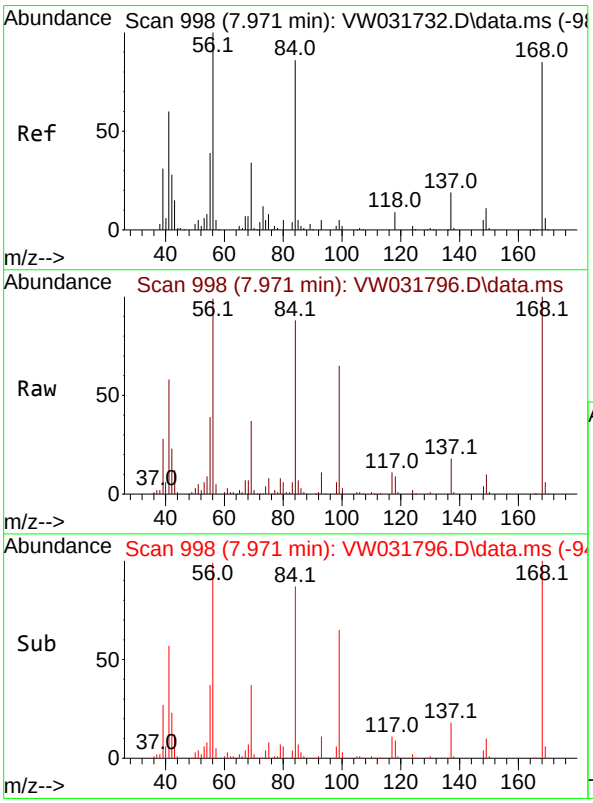
#20
Methylene Chloride
Concen: 9.852 ug/l
RT: 4.966 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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

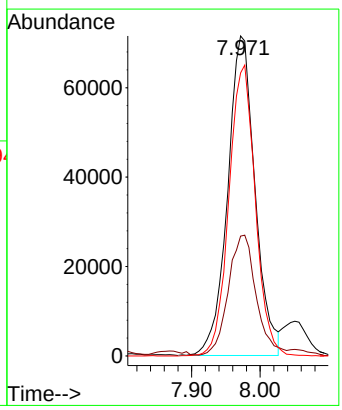


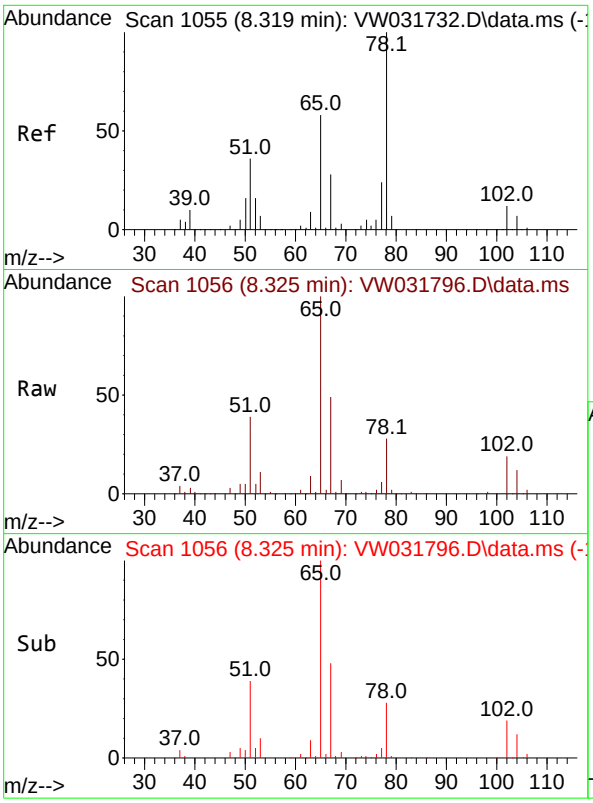


#31
Cyclohexane
Concen: 53.100 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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



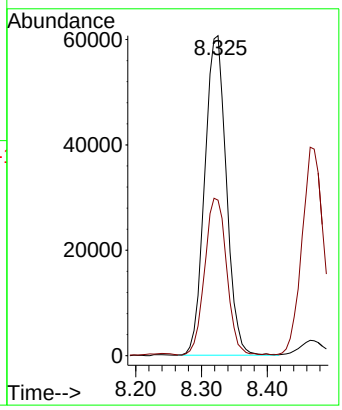


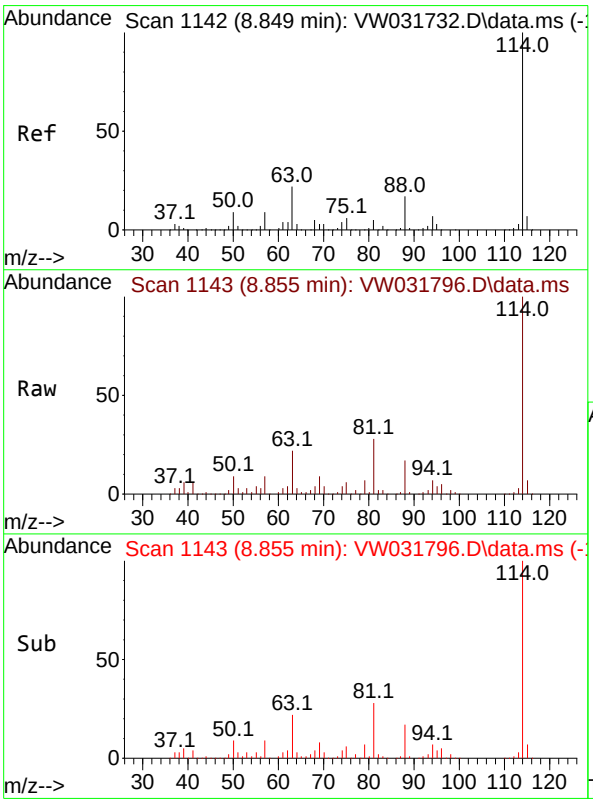
#33
1,2-Dichloroethane-d4
Concen: 52.790 ug/l
RT: 8.325 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 65 Resp: 138917

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.4

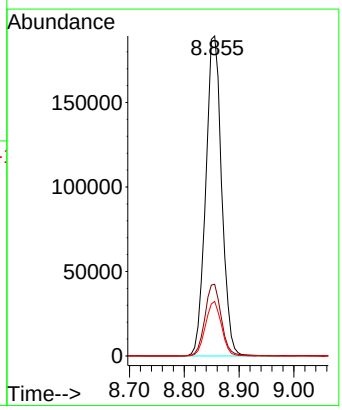


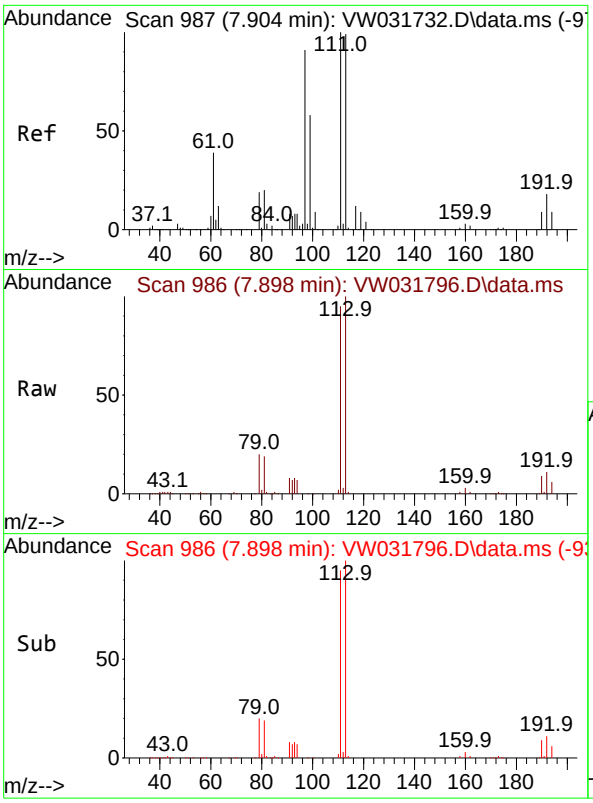


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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



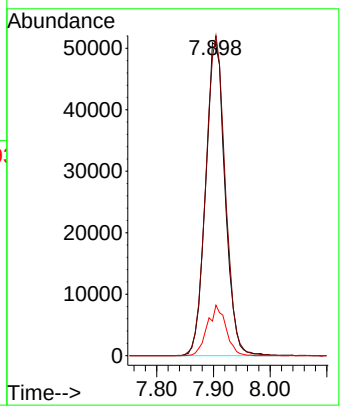


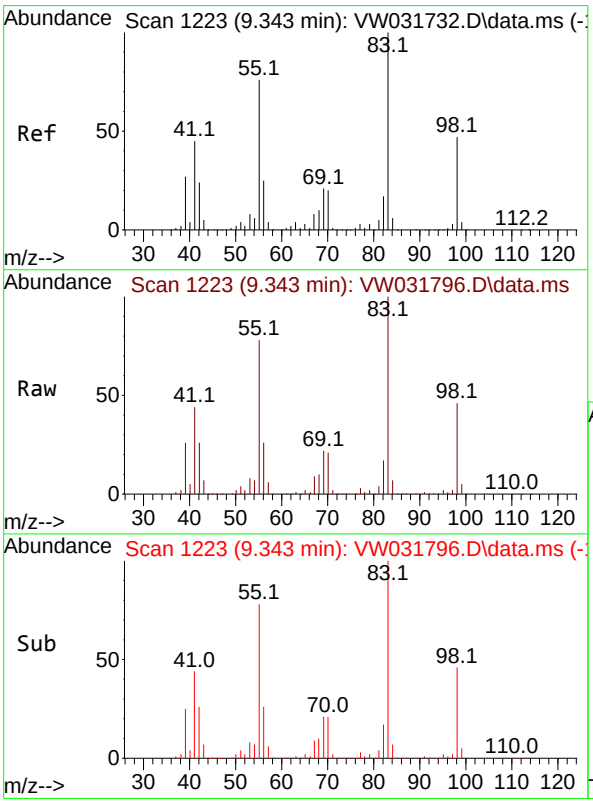
#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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

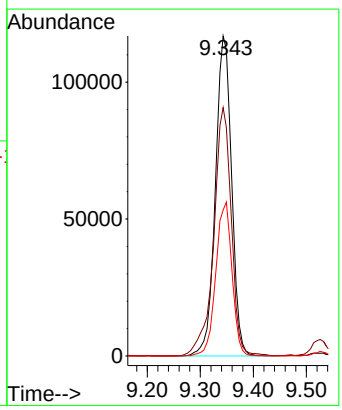


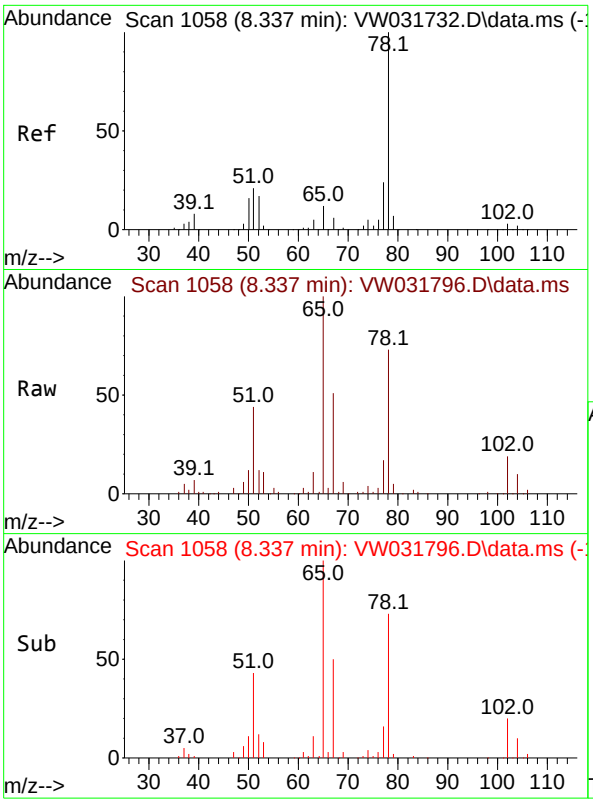


#39
Methylcyclohexane
Concen: 55.544 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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



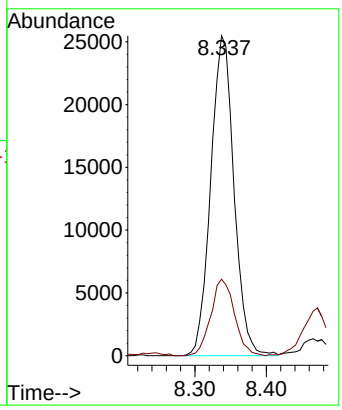


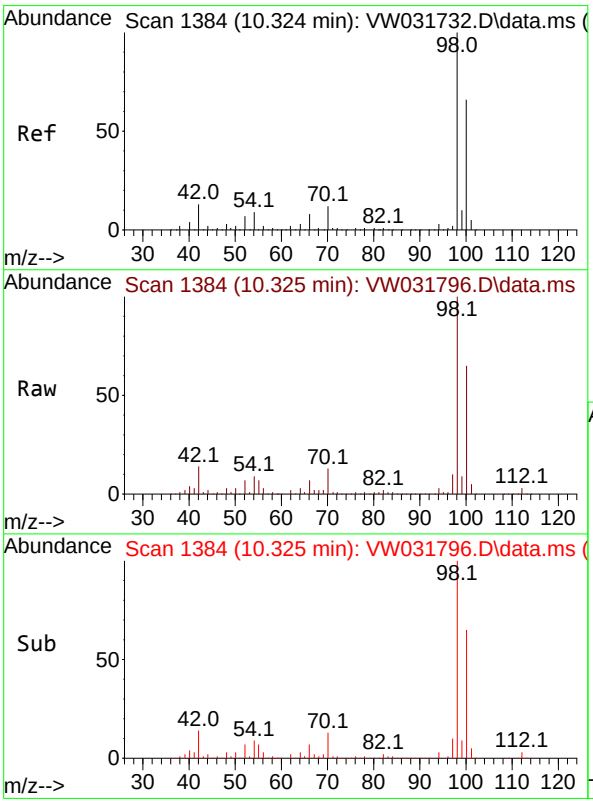
#40
Benzene
Concen: 5.403 ug/l
RT: 8.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 78 Resp: 57545

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8

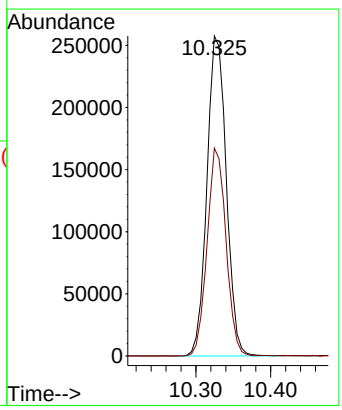


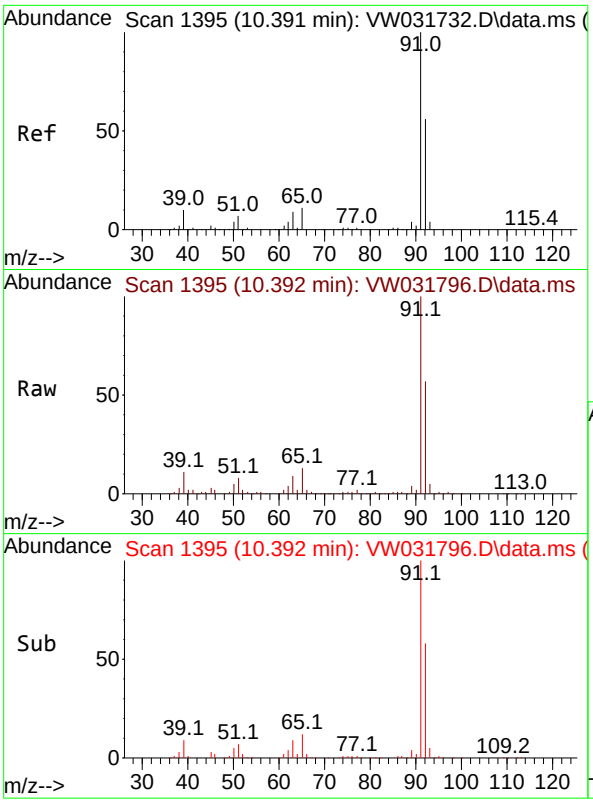


#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 98 Resp: 463861

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.0	79.4



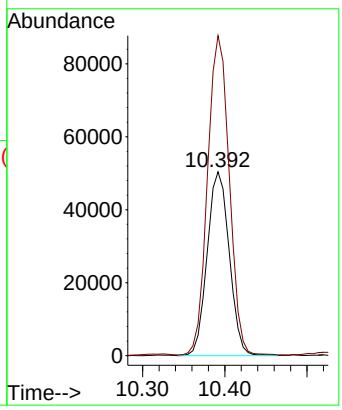


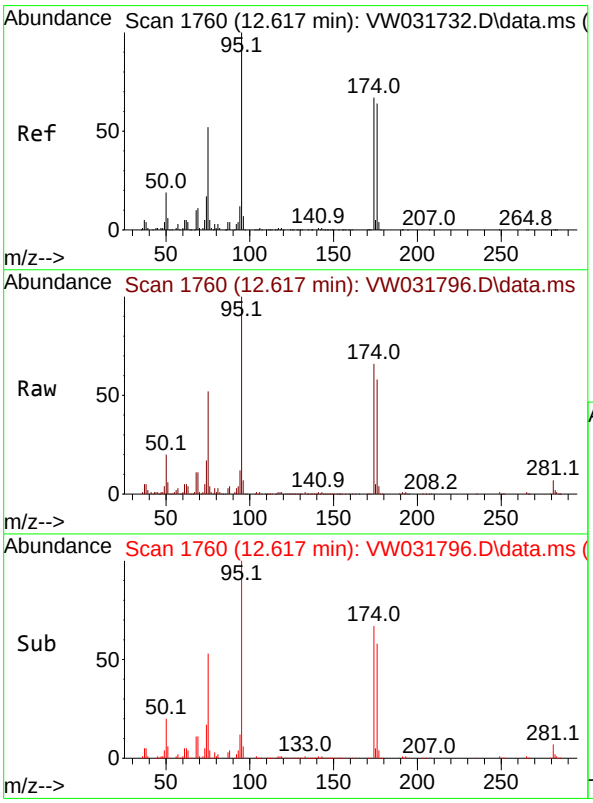
#52
Toluene
Concen: 13.769 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 92 Resp: 93886

Ion	Ratio	Lower	Upper
92	100		
91	170.6	139.5	209.3

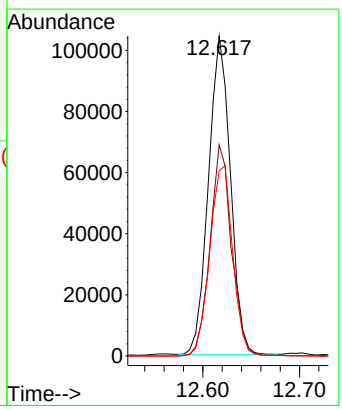


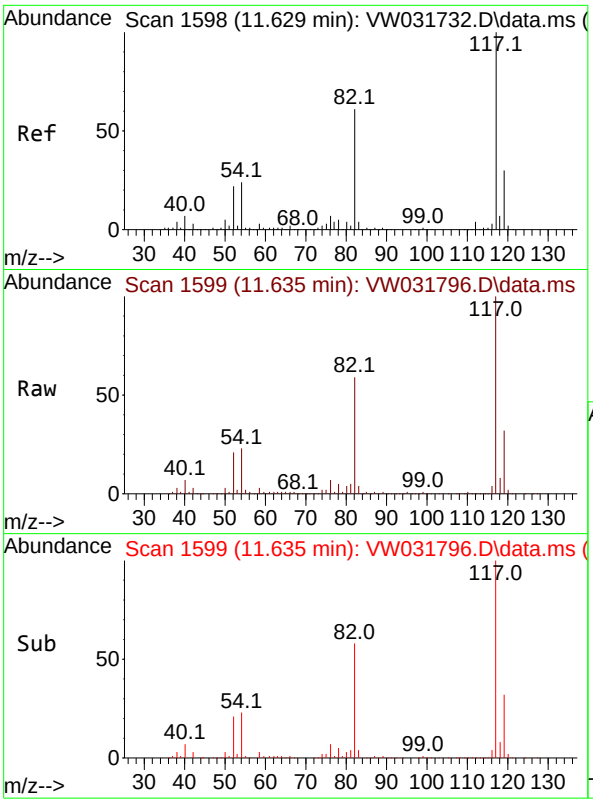


#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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



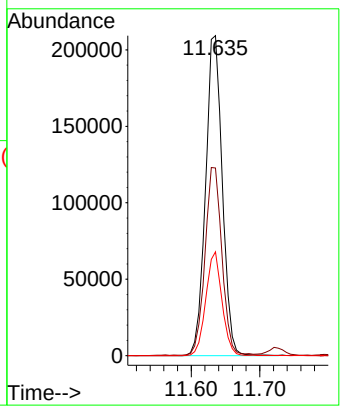


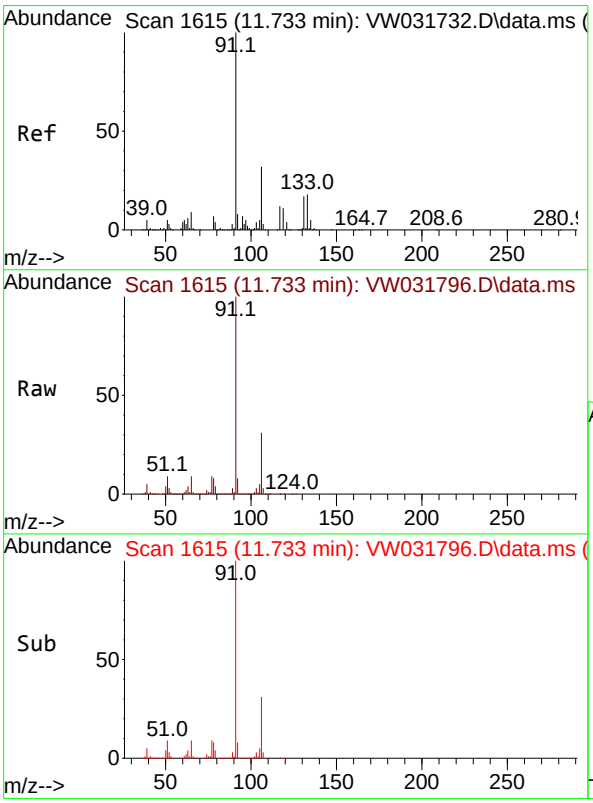
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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

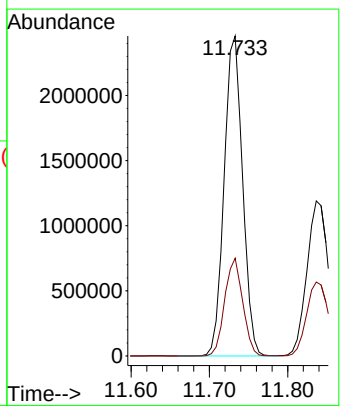


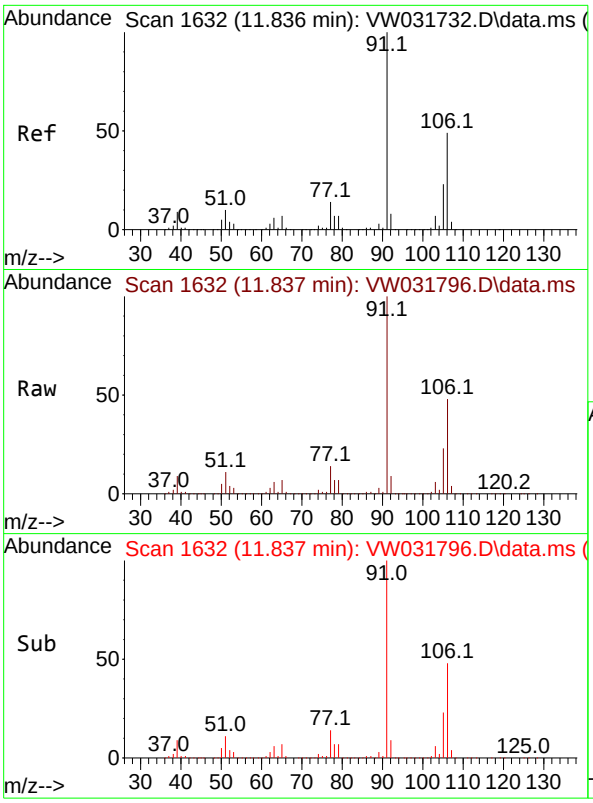


#67
Ethyl Benzene
Concen: 295.667 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion: 91 Resp: 4021800

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.4	38.2



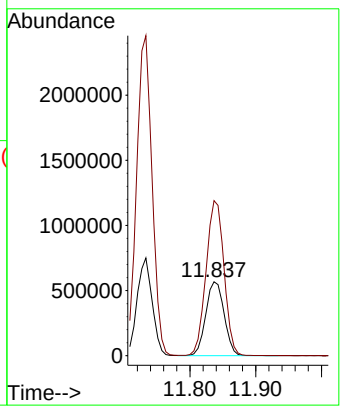


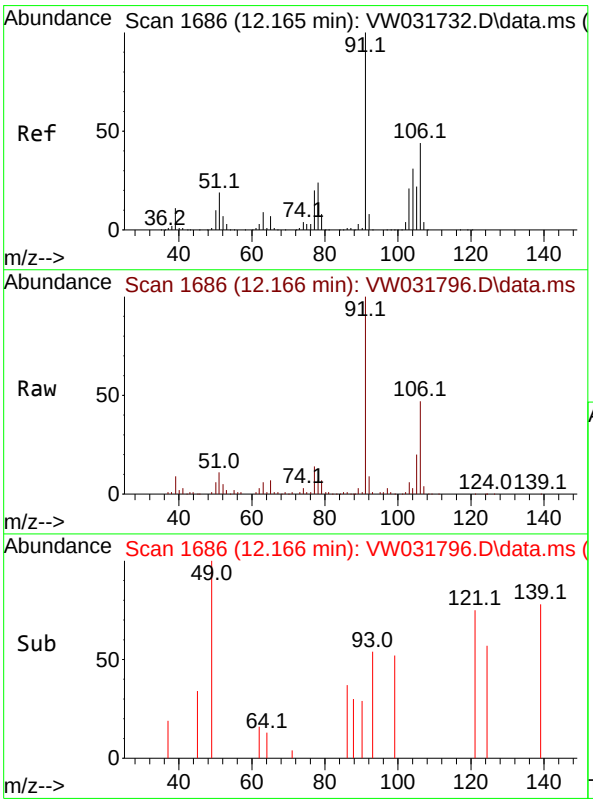
#68
m/p-Xylenes
Concen: 210.091 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:106 Resp: 1098568

Ion	Ratio	Lower	Upper
106	100		
91	205.7	166.4	249.6

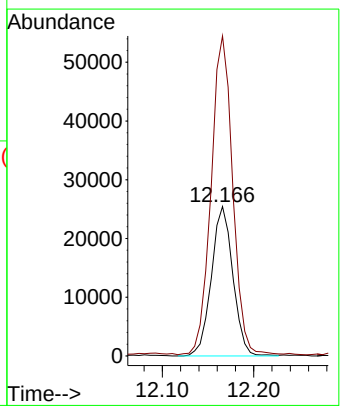


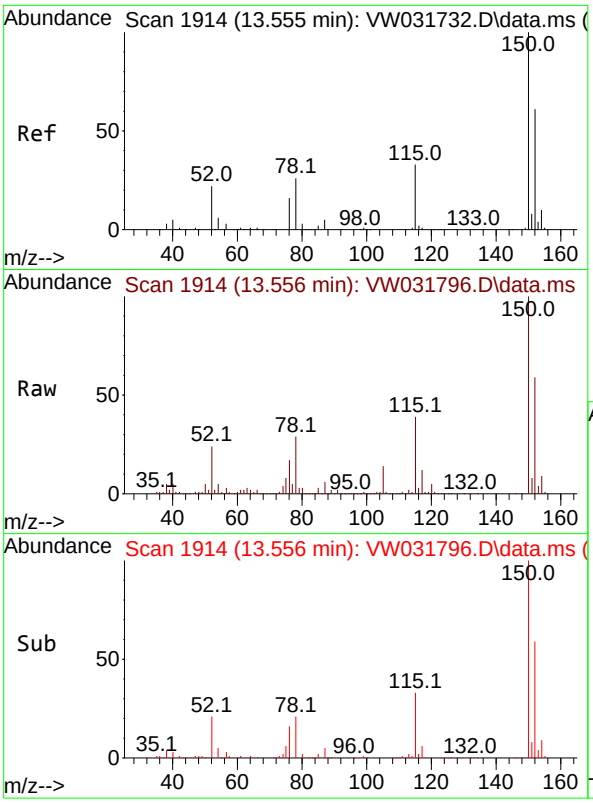


#69
o-Xylene
Concen: 8.595 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:106 Resp: 41611

Ion	Ratio	Lower	Upper
106	100		
91	214.0	111.5	334.4



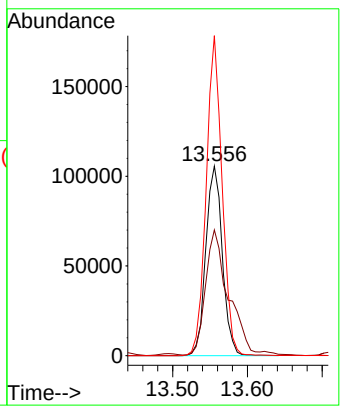


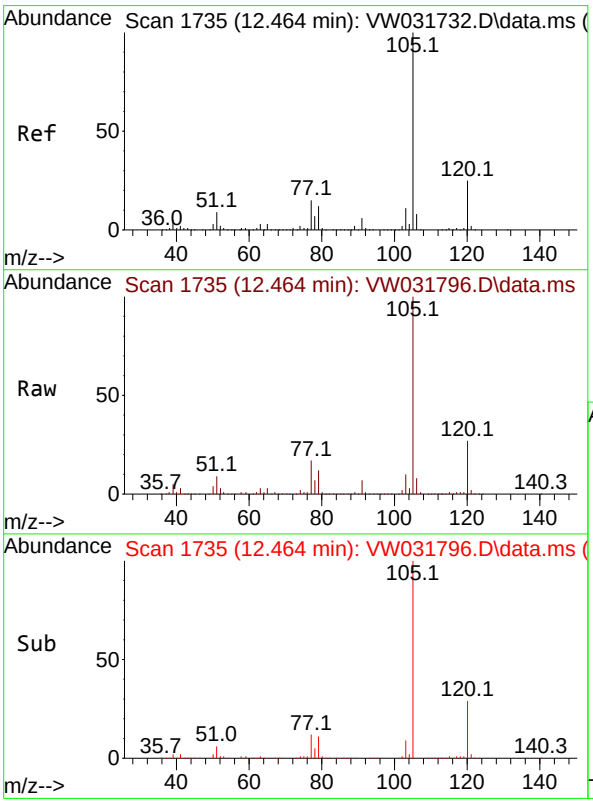
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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

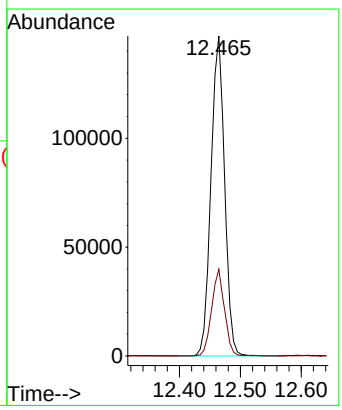


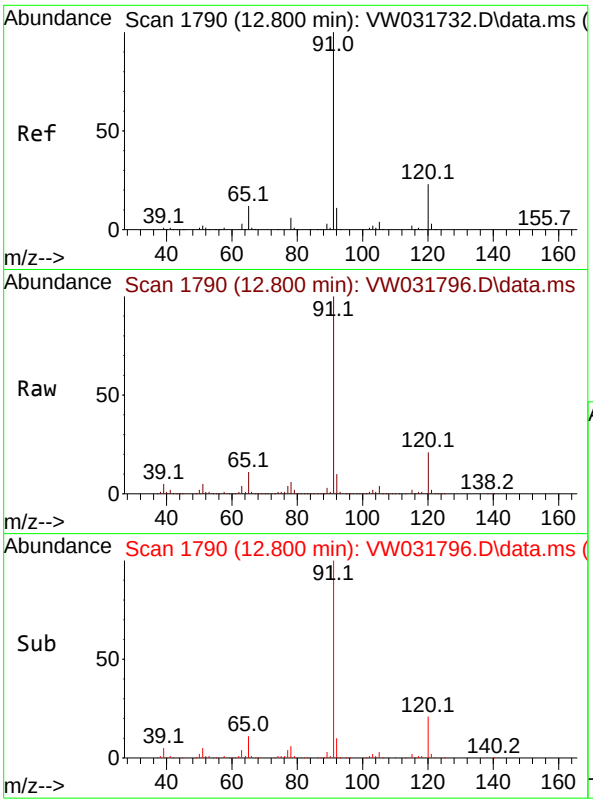


#73
Isopropylbenzene
Concen: 18.494 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 228390

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4



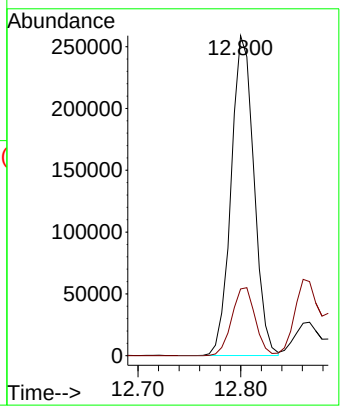


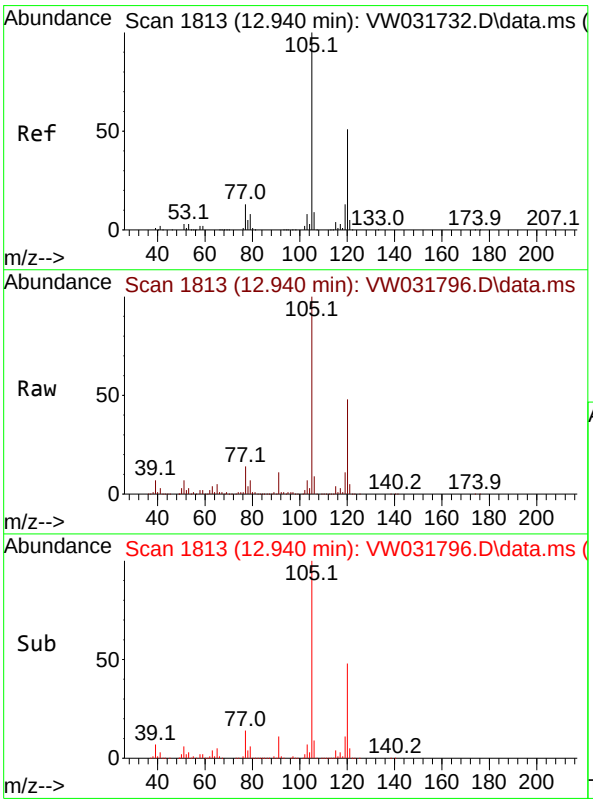
#78
n-propylbenzene
Concen: 26.975 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion: 91 Resp: 398920

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4

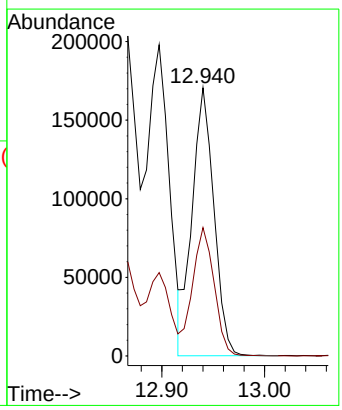


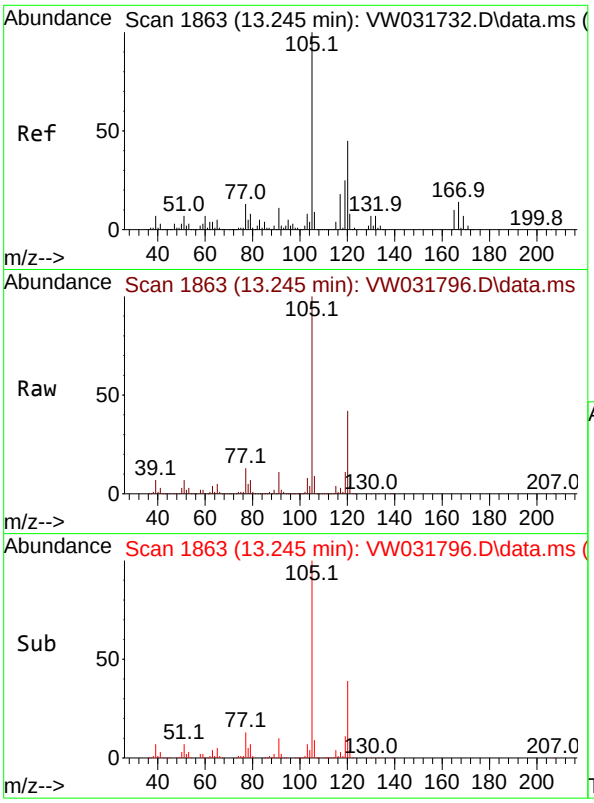


#80
1,3,5-Trimethylbenzene
Concen: 24.608 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Tgt Ion:105 Resp: 251549

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.2



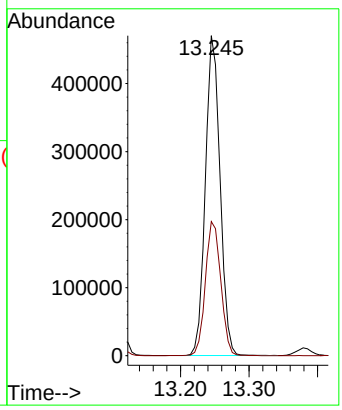


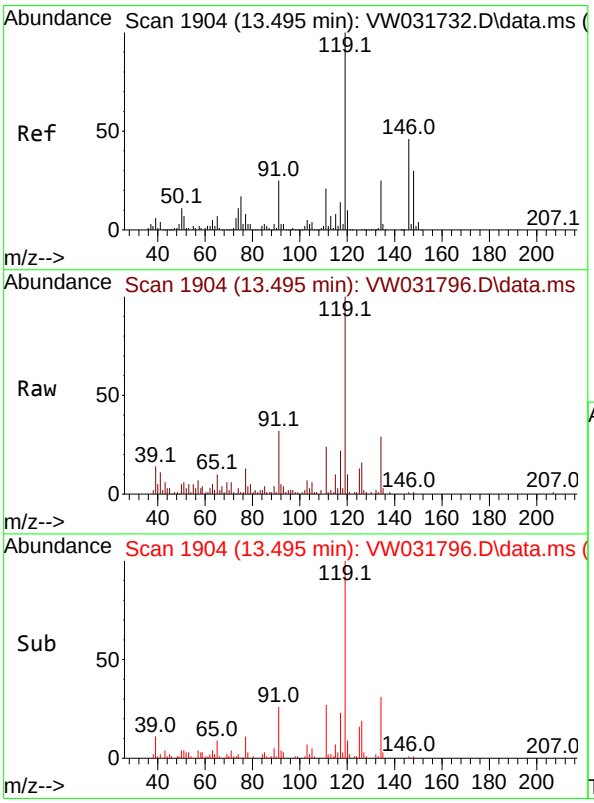
#84
1,2,4-Trimethylbenzene
Concen: 67.710 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Tgt Ion:105 Resp: 701299

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1

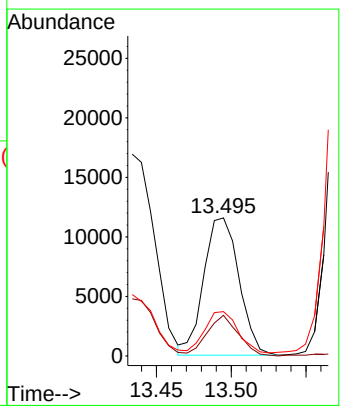


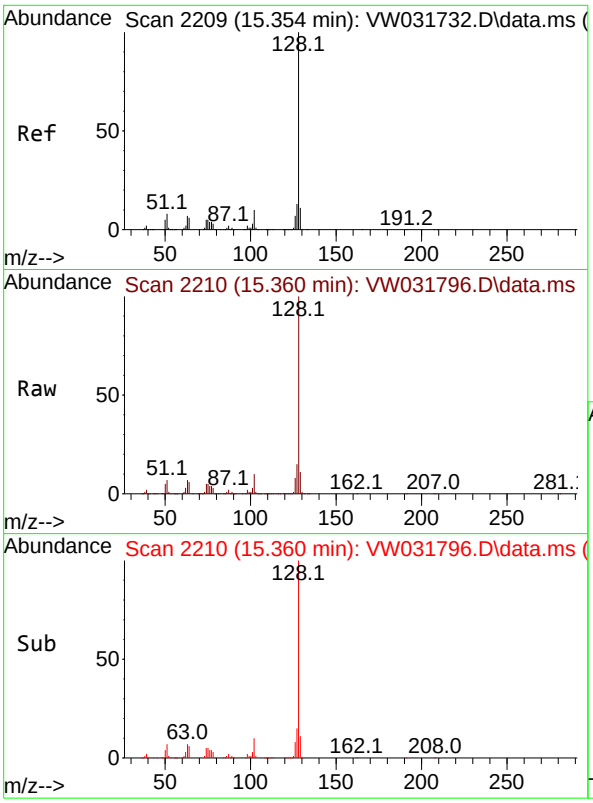


#86
p-Isopropyltoluene
Concen: 1.741 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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



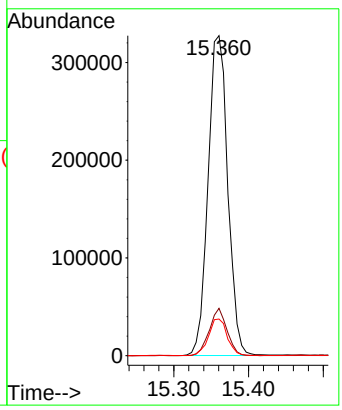


#95
Naphthalene
Concen: 78.710 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW031796.D
Acq: 10 Jul 2025 12:41

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

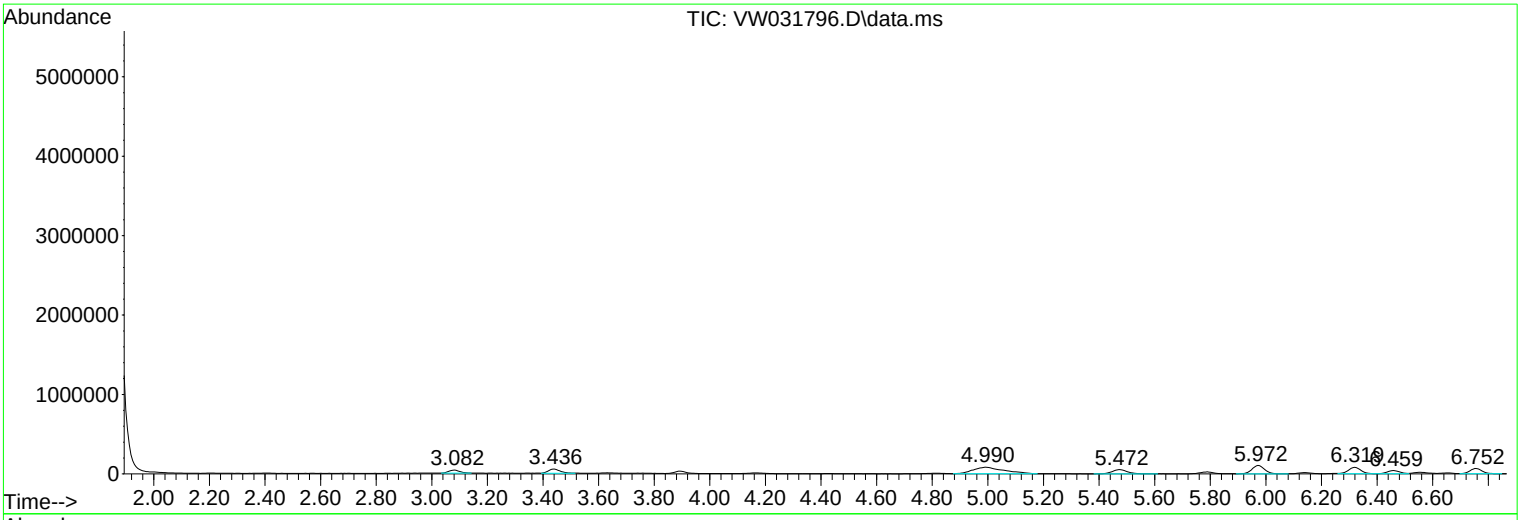
Sample Results: **VW031796.D**

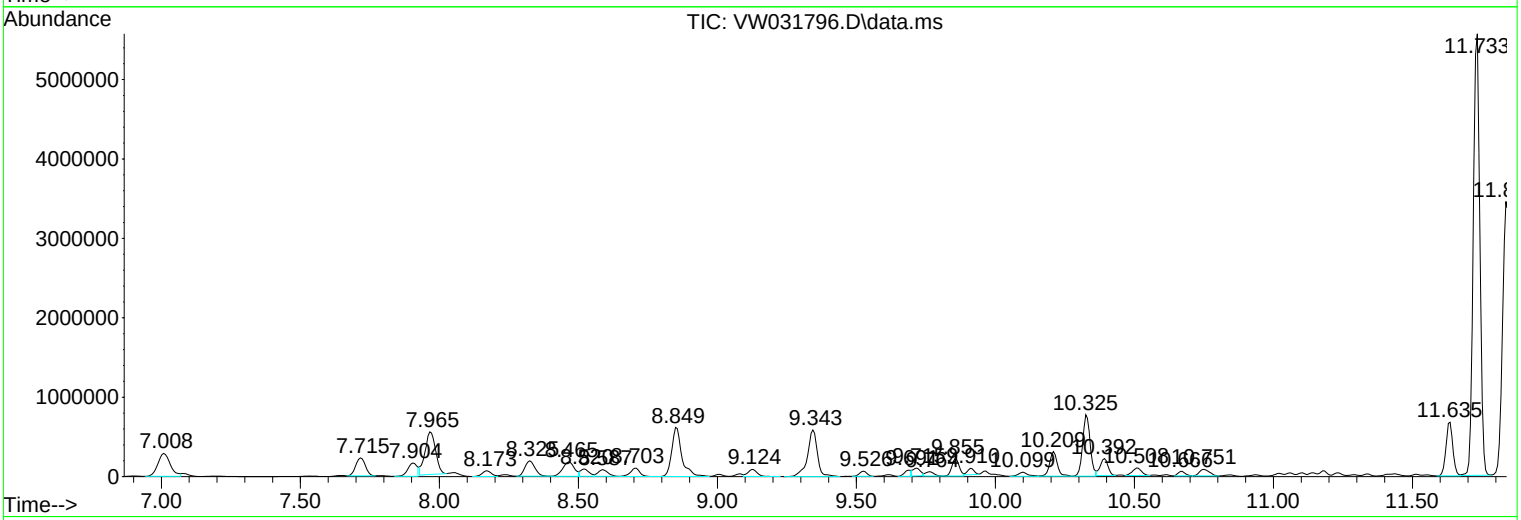
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

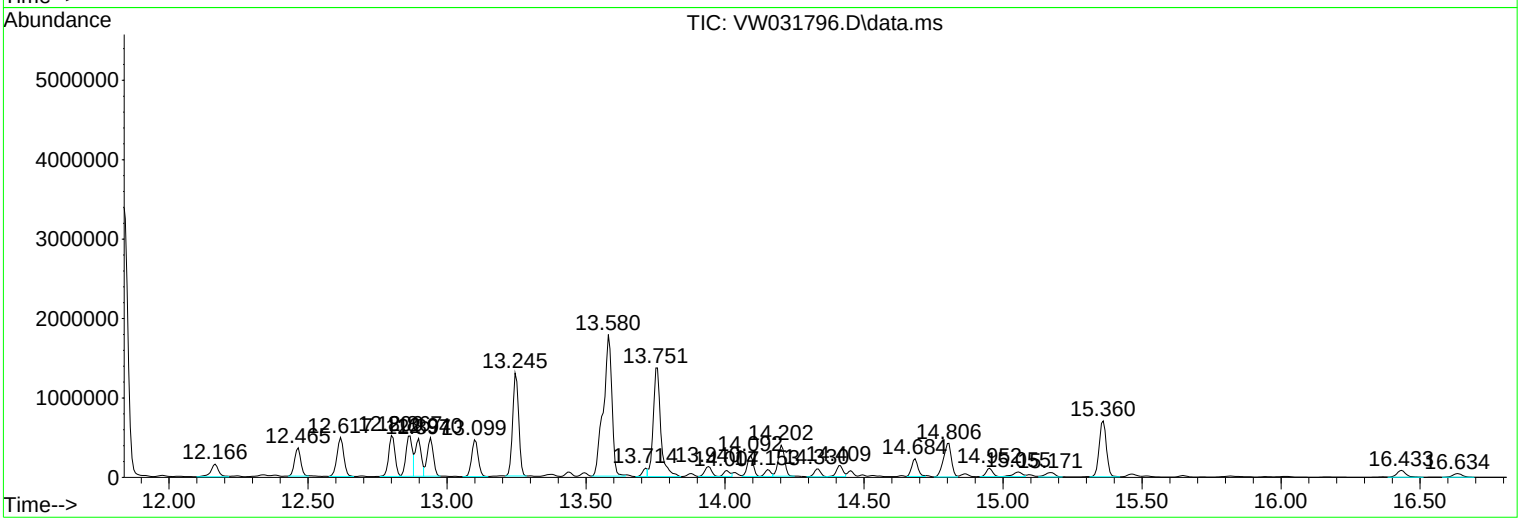
Instrument :
MSVOA_W
ClientSampleId :
GPX4

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

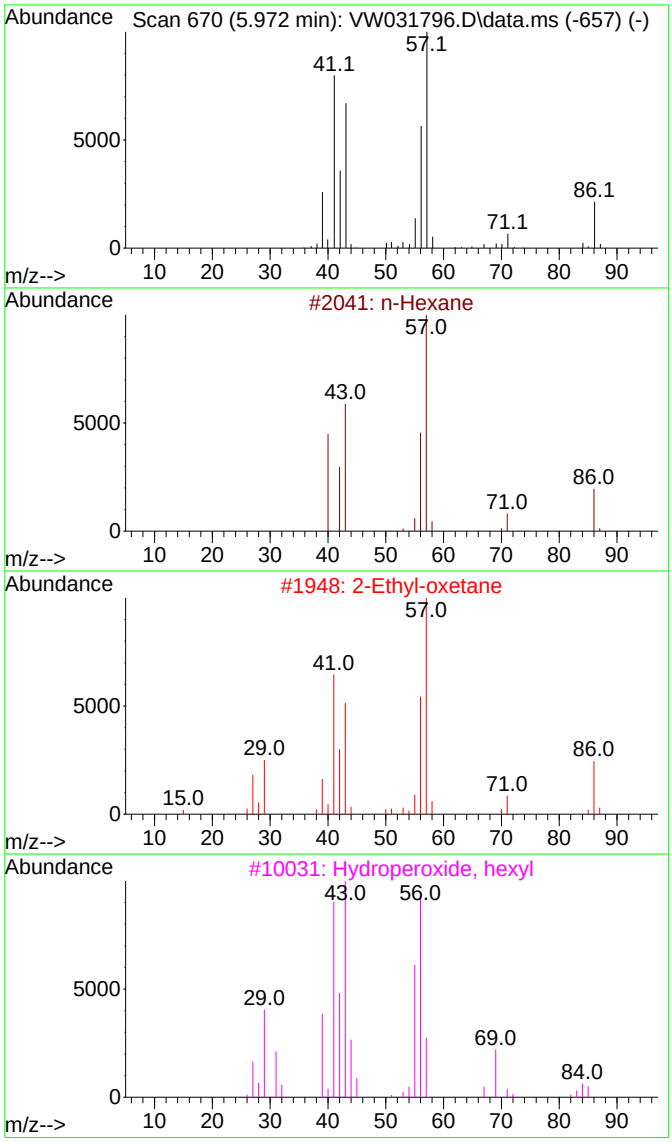
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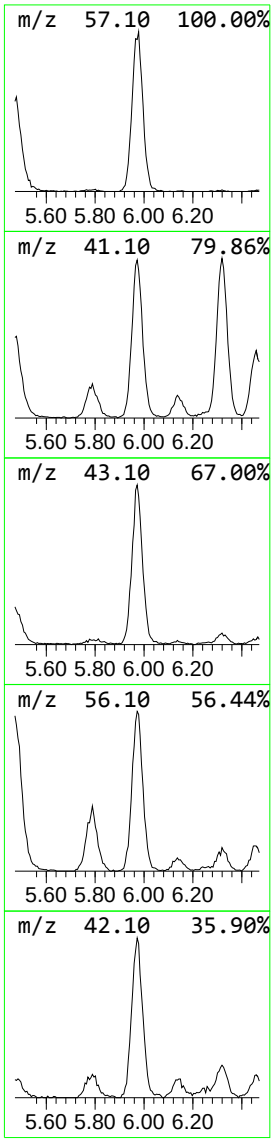
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Peak Number 1 n-Hexane Concentration Rank 7

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

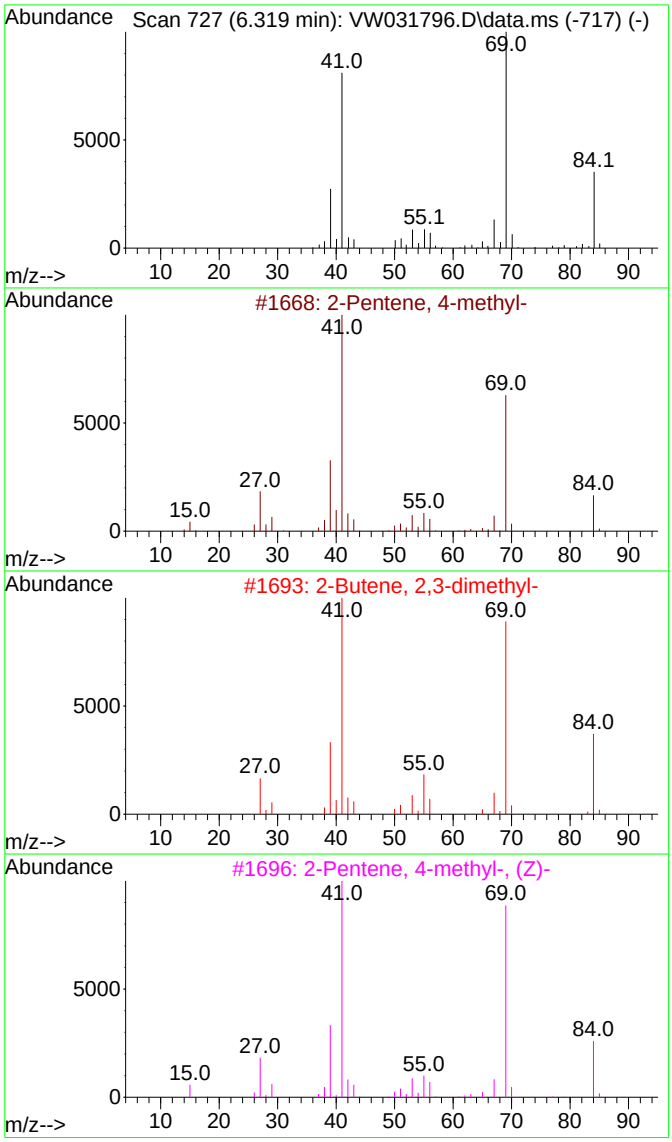
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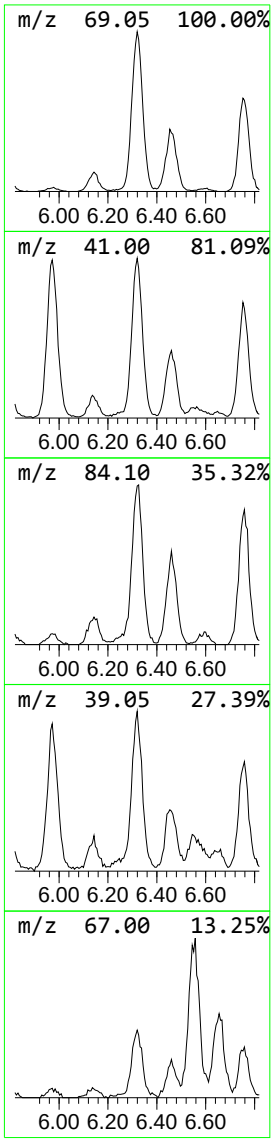
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Peak Number 2 2-Pentene, 4-methyl- Concentration Rank 13

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

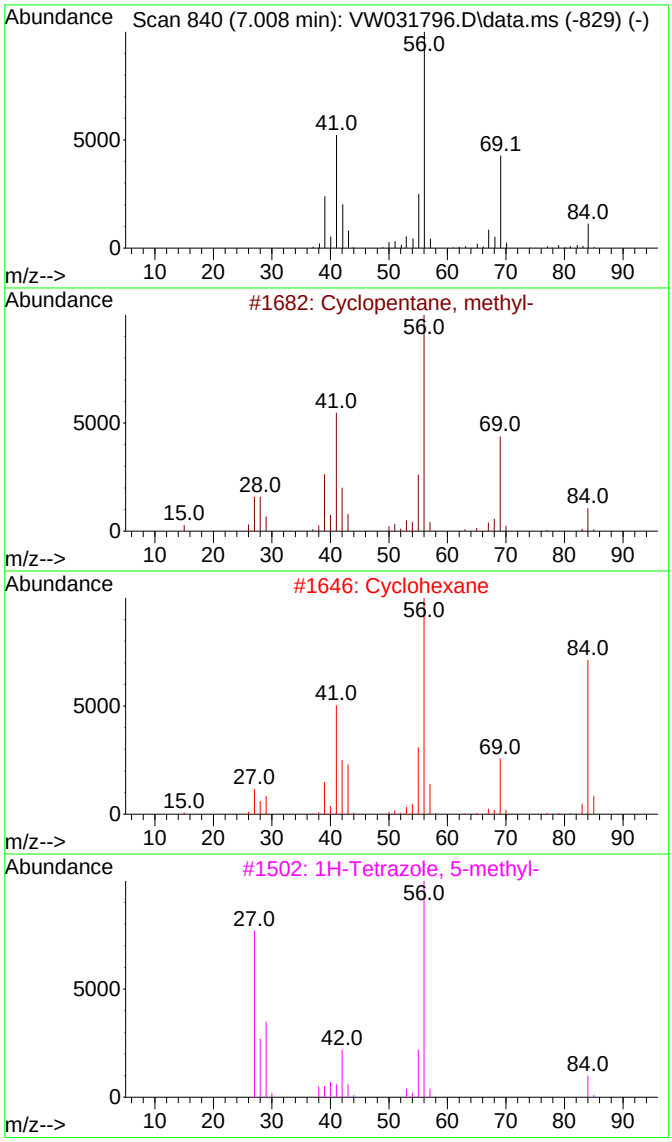
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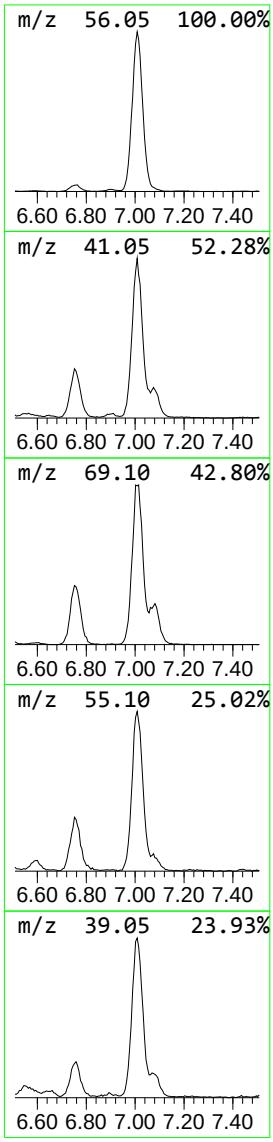
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Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

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

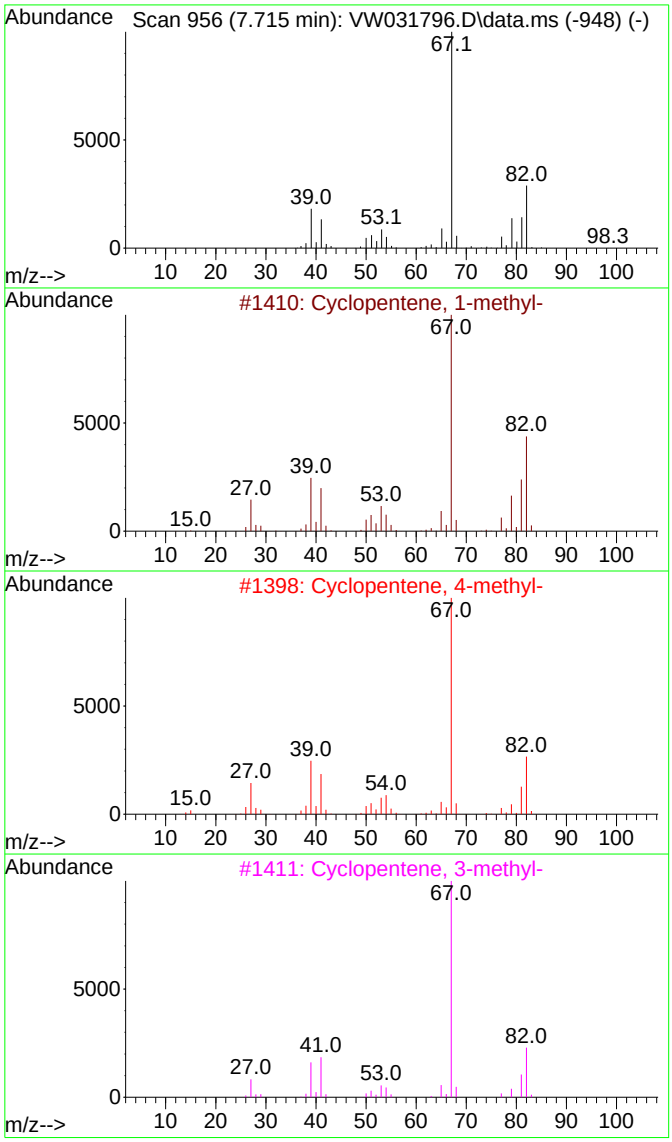
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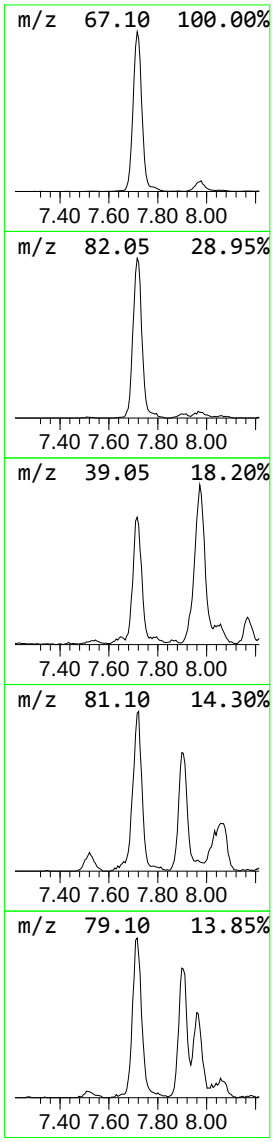
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Peak Number 4 Cyclopentene, 1-methyl- Concentration Rank 3

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
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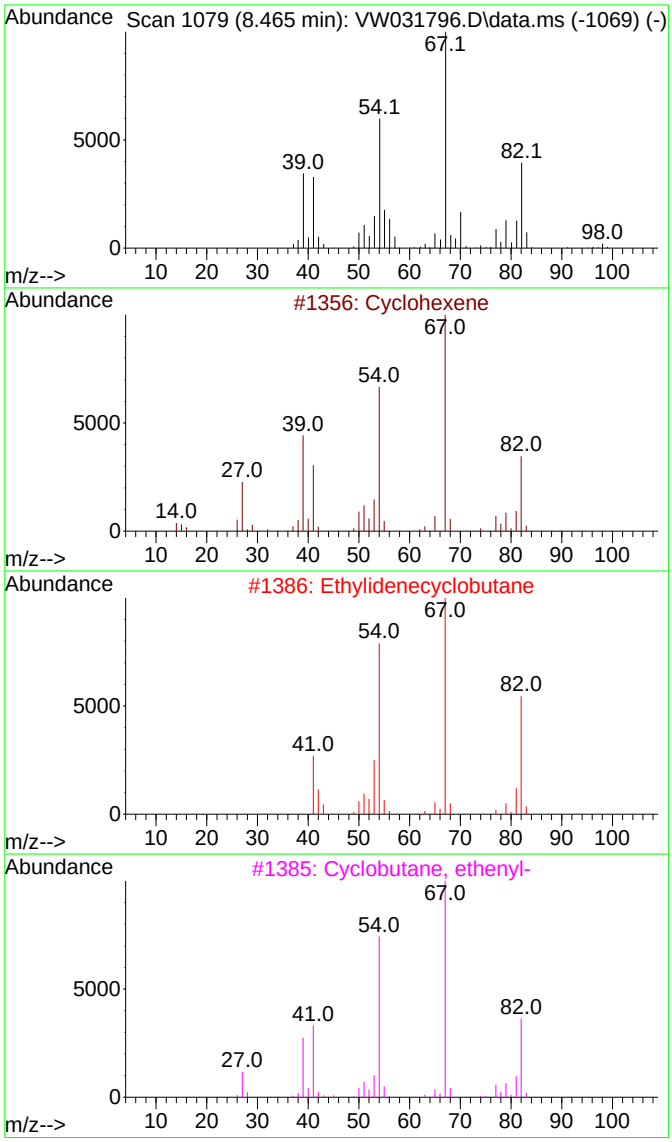
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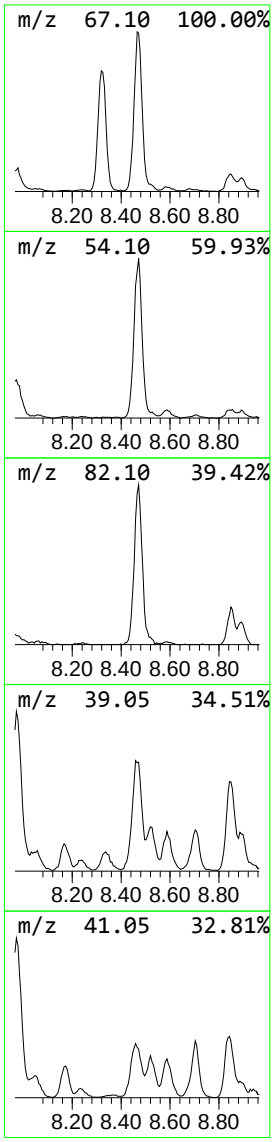
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Peak Number 5 Cyclohexene Concentration Rank 5

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





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 :
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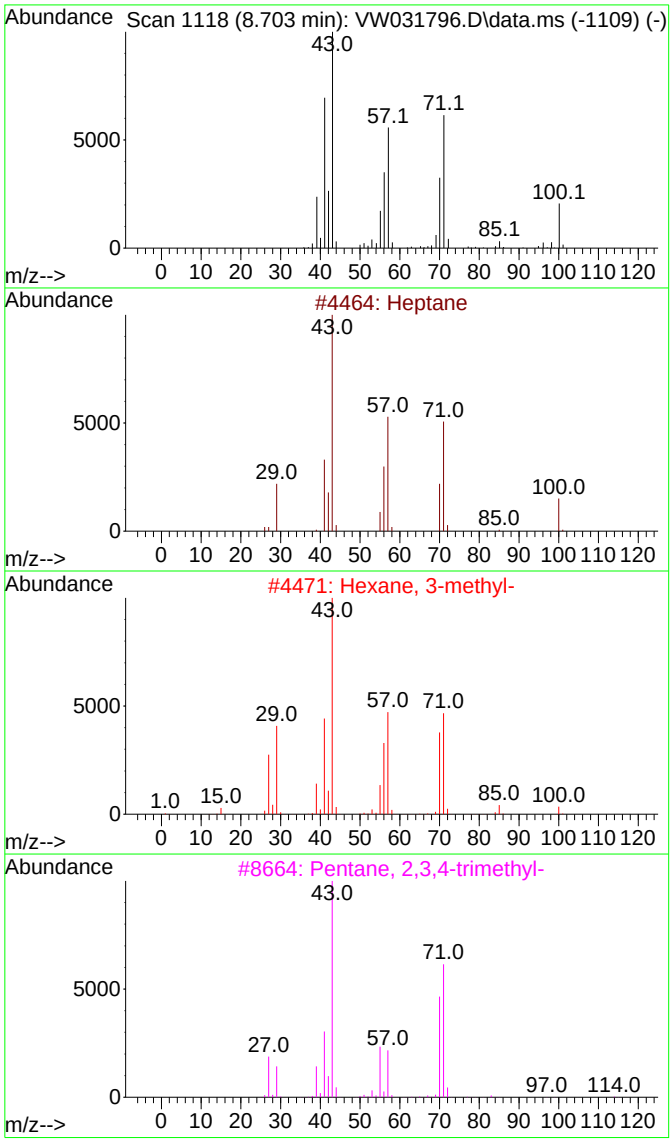
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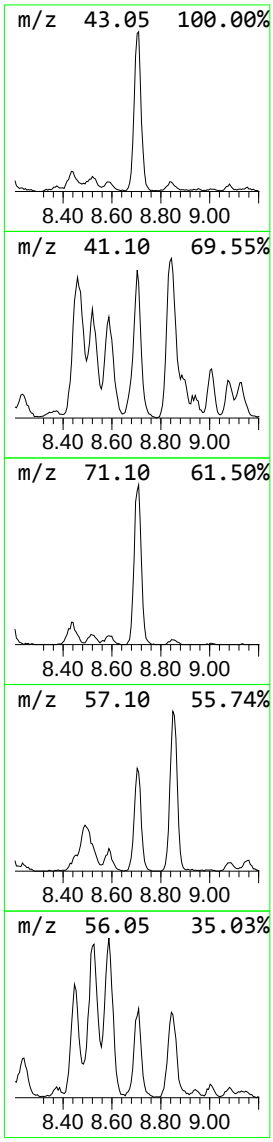
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Peak Number 6 Heptane Concentration Rank 15

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





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 :
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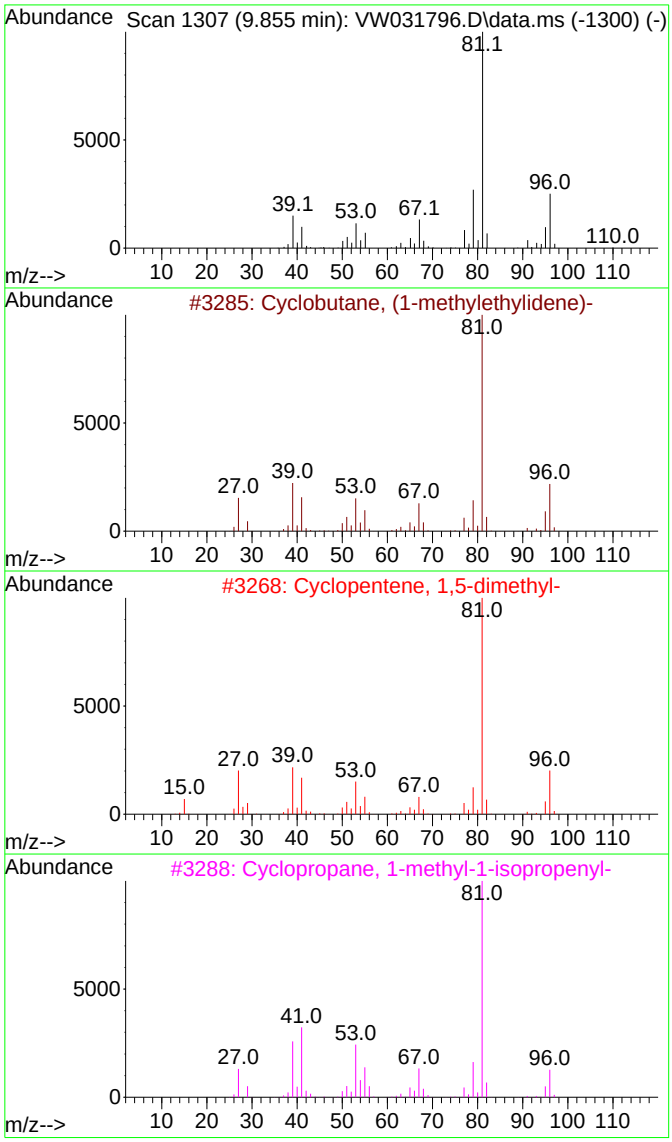
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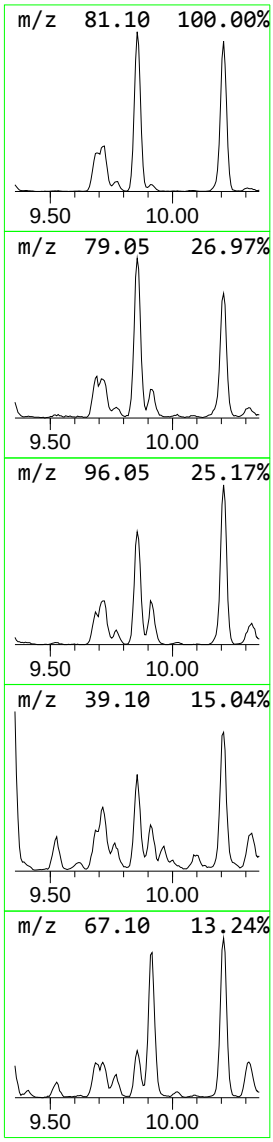
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TIC Integration Parameters: LSCINT.P

****
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





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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

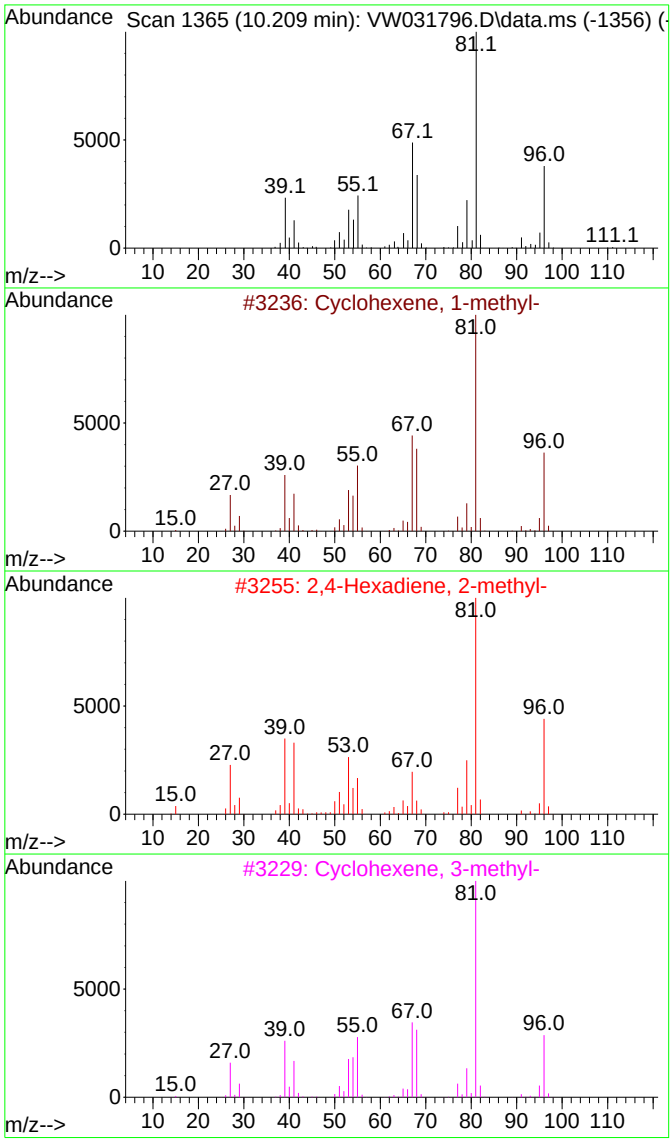
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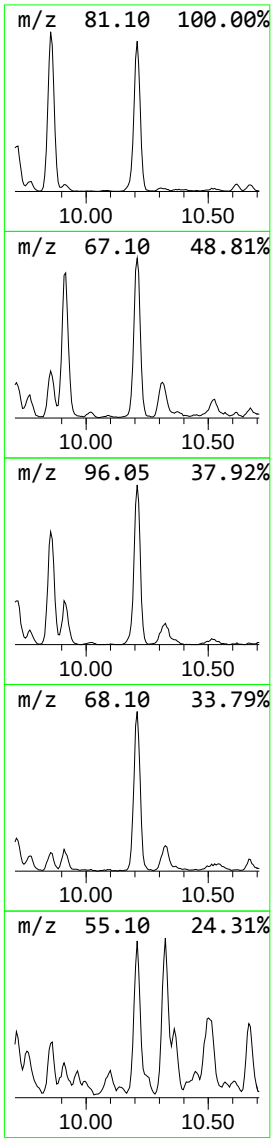
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Peak Number 8 Cyclohexene, 1-methyl- Concentration Rank 4

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





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
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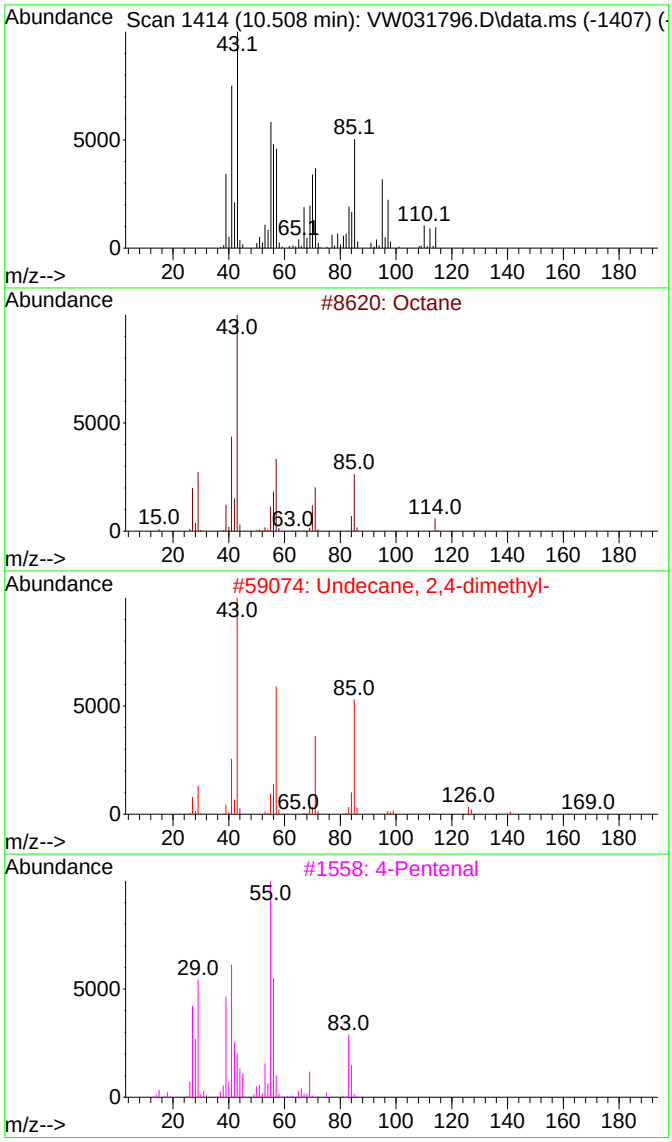
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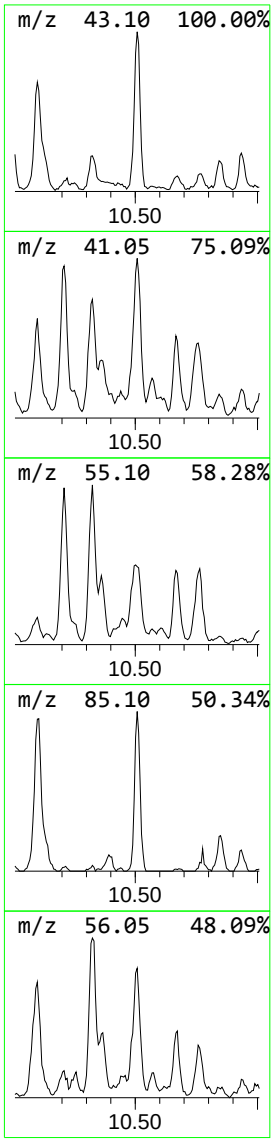
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Peak Number 9 unknown10.508 Concentration Rank 11

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





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 :
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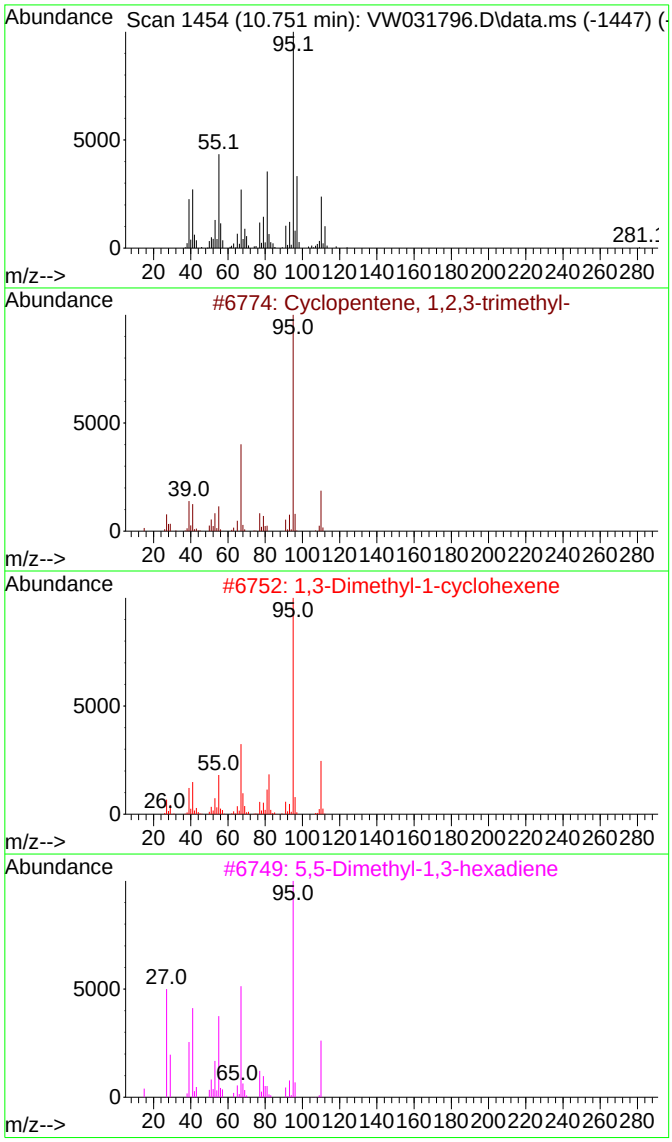
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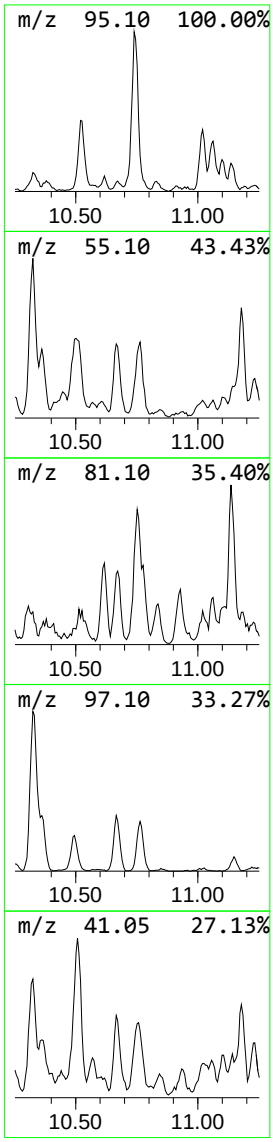
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TIC Integration Parameters: LSCINT.P

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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





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
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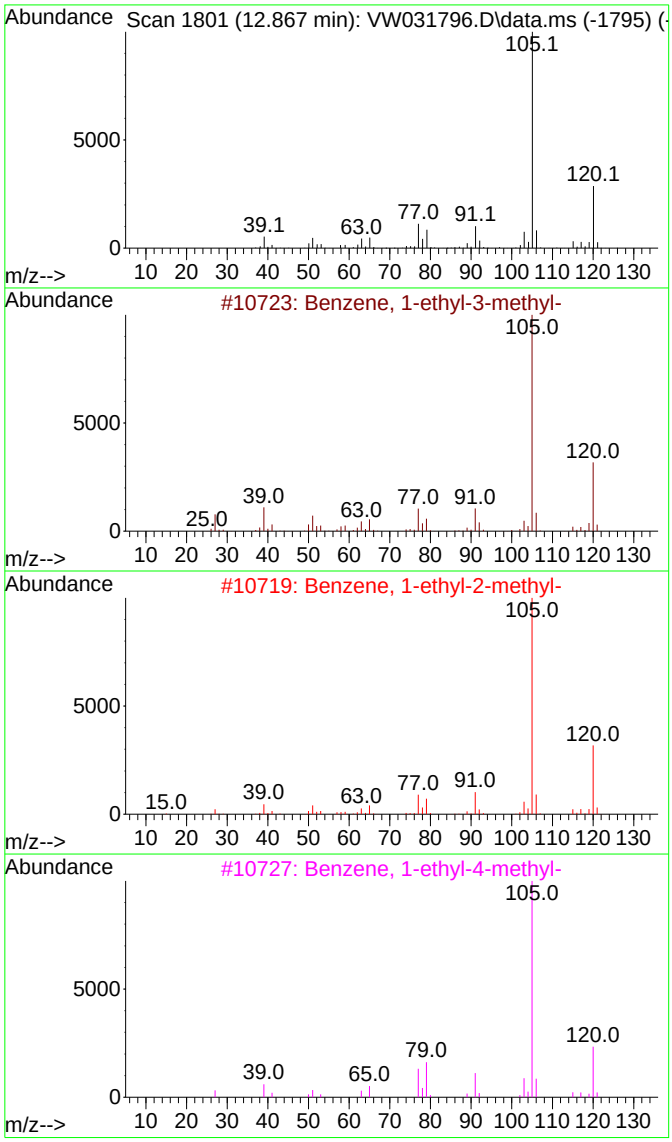
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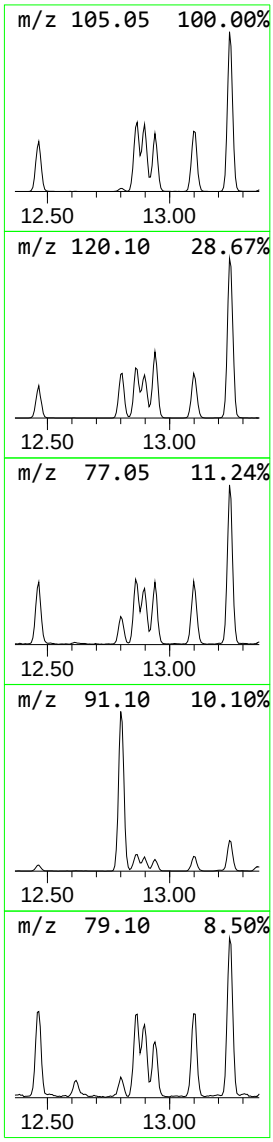
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Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

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





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
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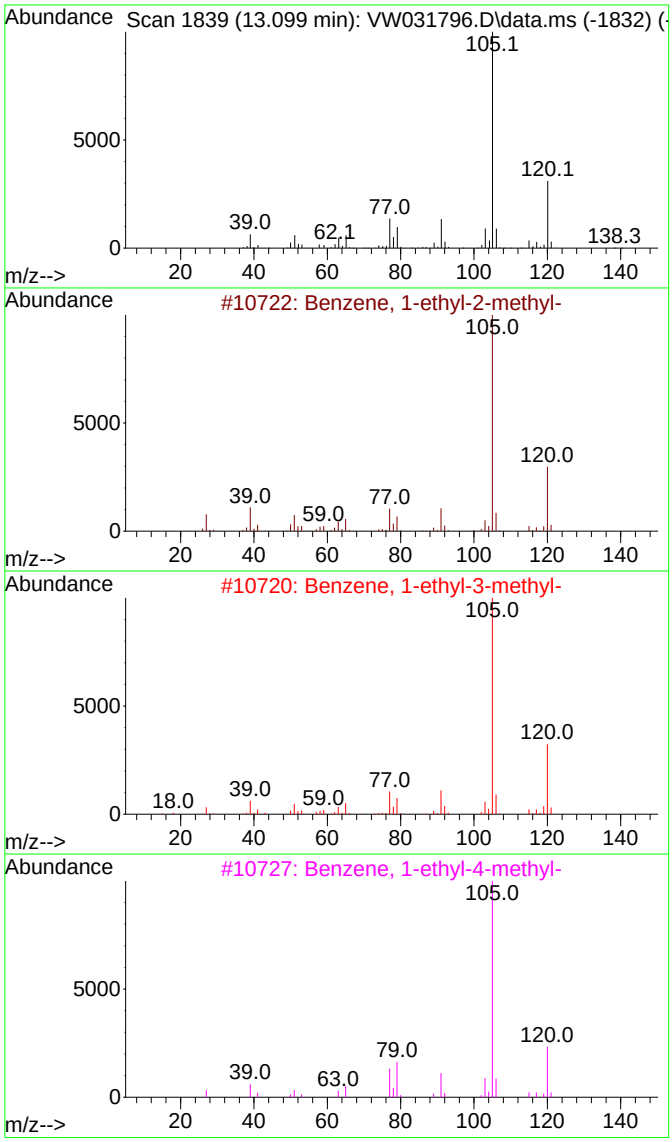
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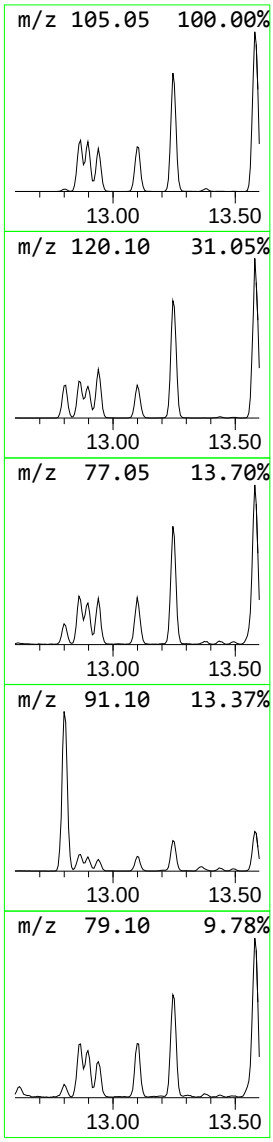
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Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

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





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

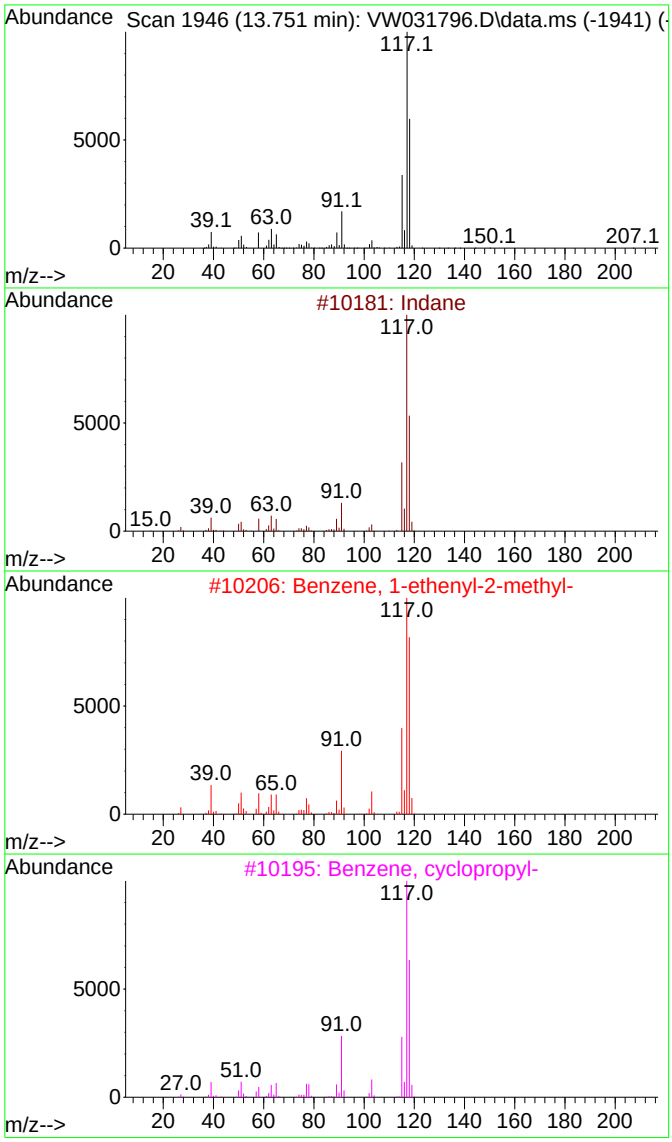
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TIC Integration Parameters: LSCINT.P

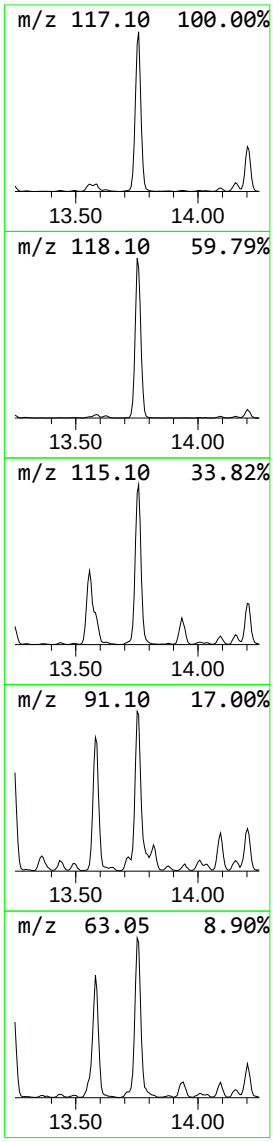
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Peak Number 13 Indane Concentration Rank 1

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





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

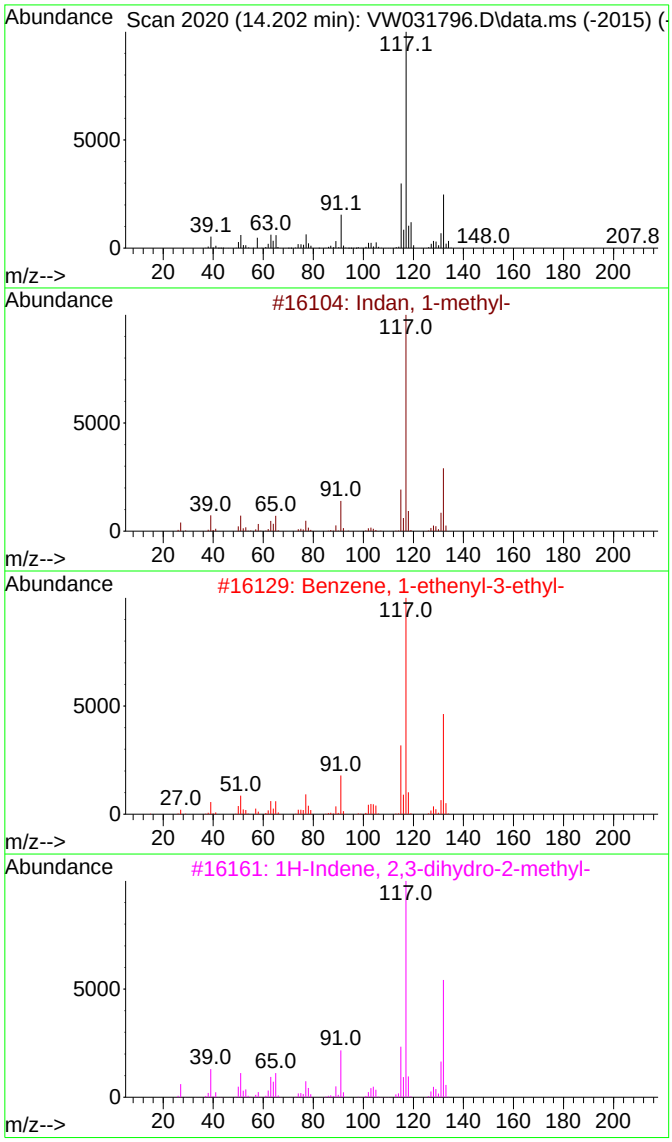
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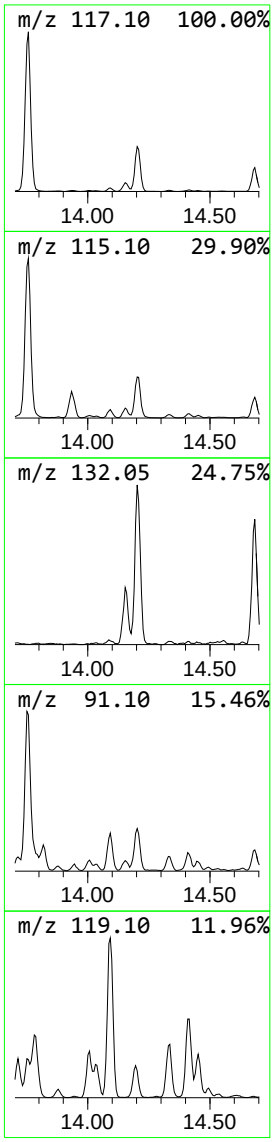
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Peak Number 14 Indan, 1-methyl- Concentration Rank 14

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





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

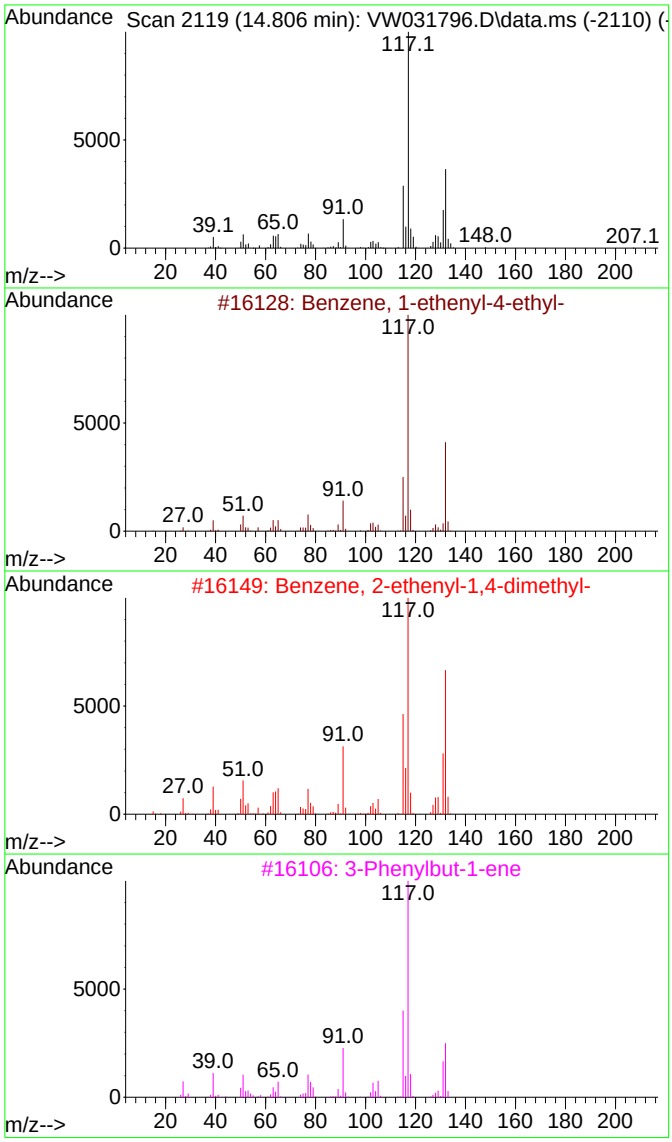
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Quant Title : SW846 8260

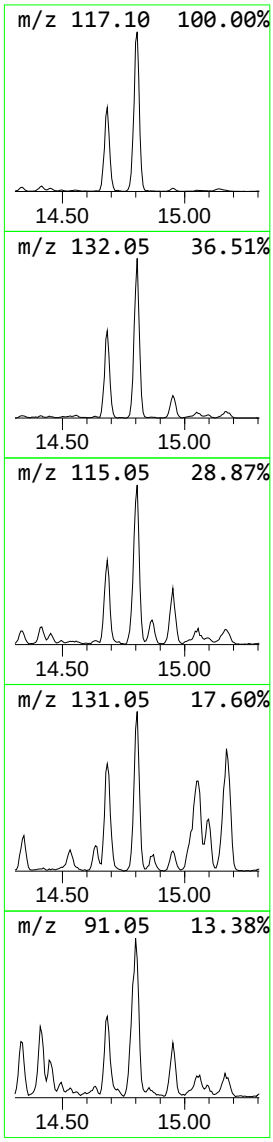
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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

					--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

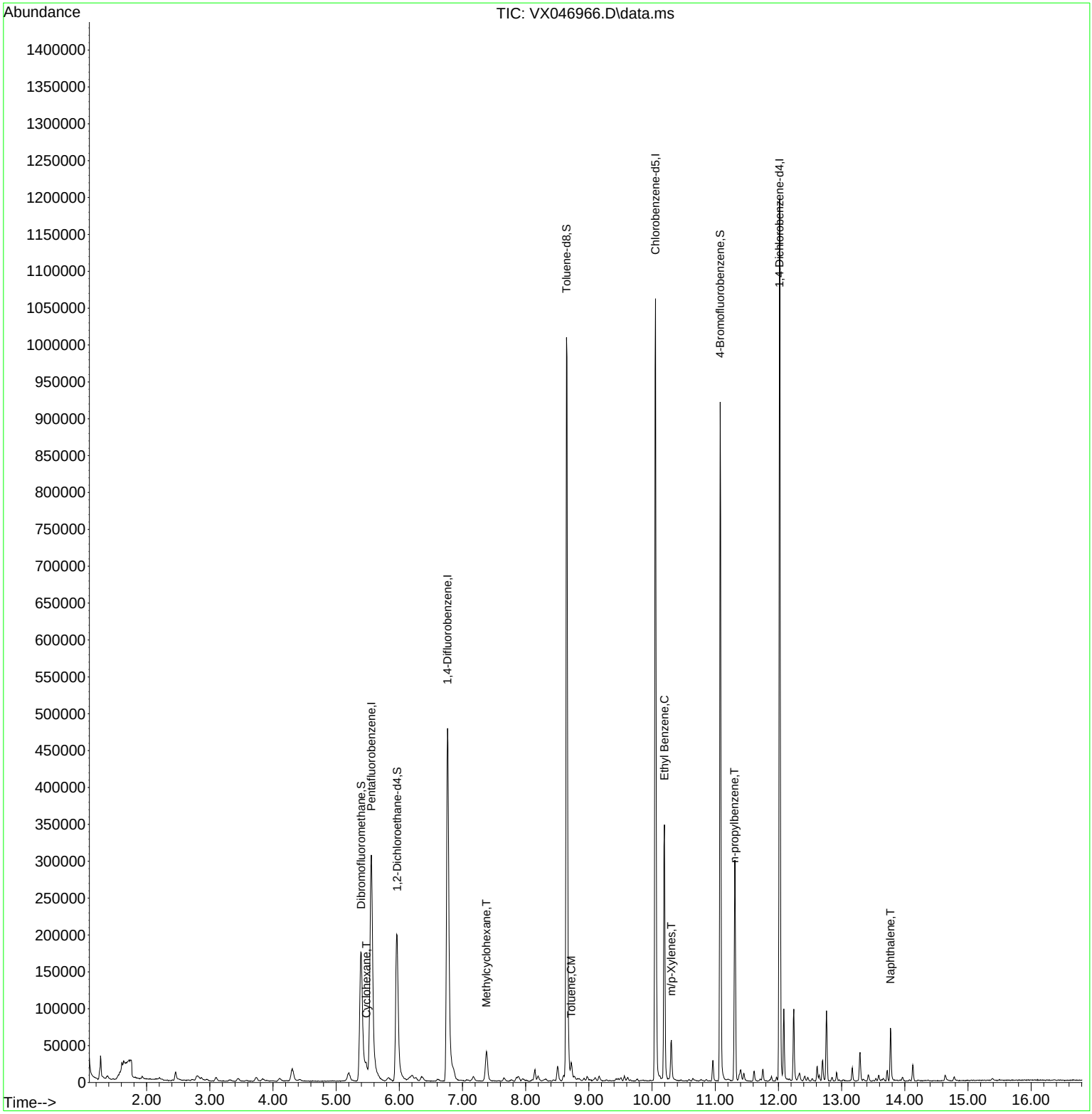
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	315290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	247915	50.000	ug/l	0.00
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

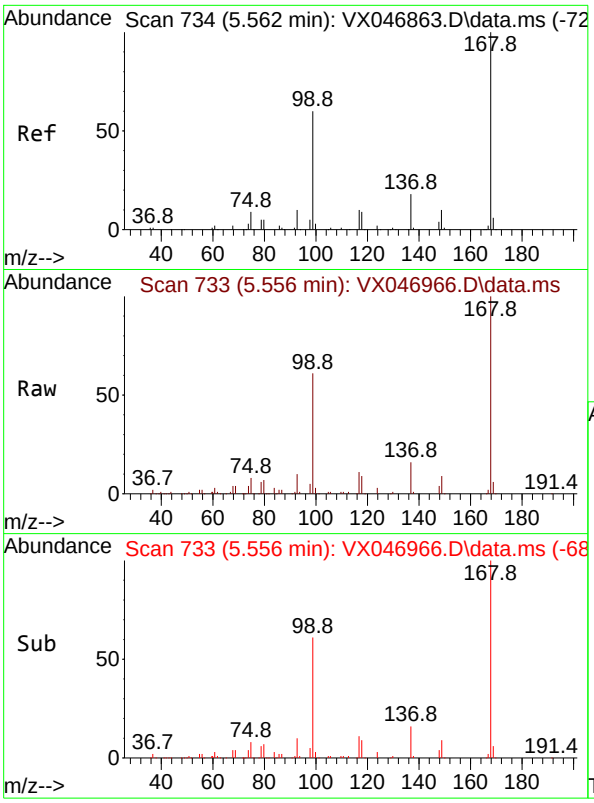
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



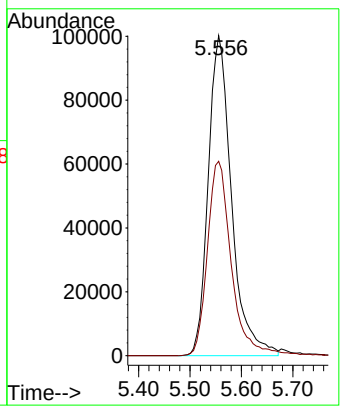


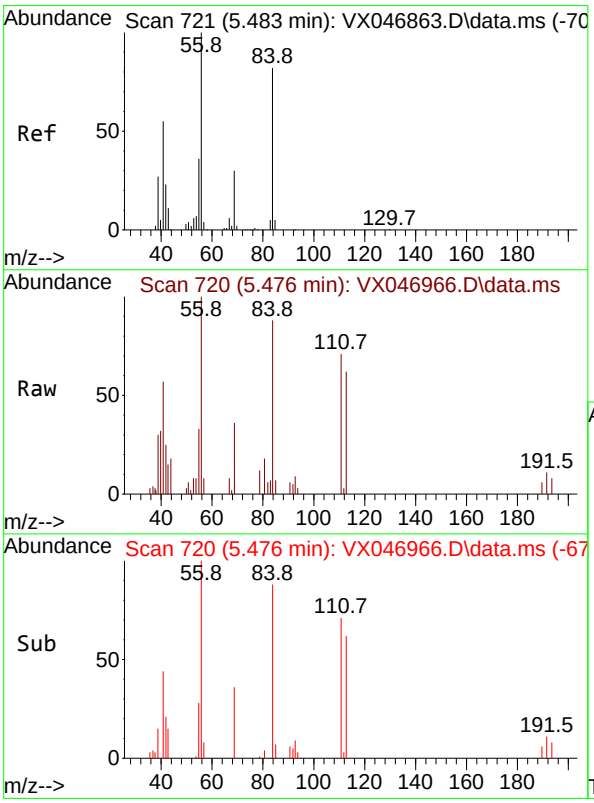
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion:168 Resp: 315290

Ion	Ratio	Lower	Upper
168	100		
99	60.8	48.8	73.2

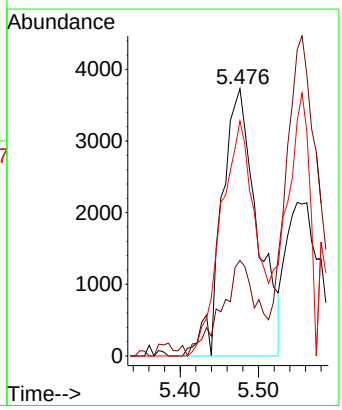


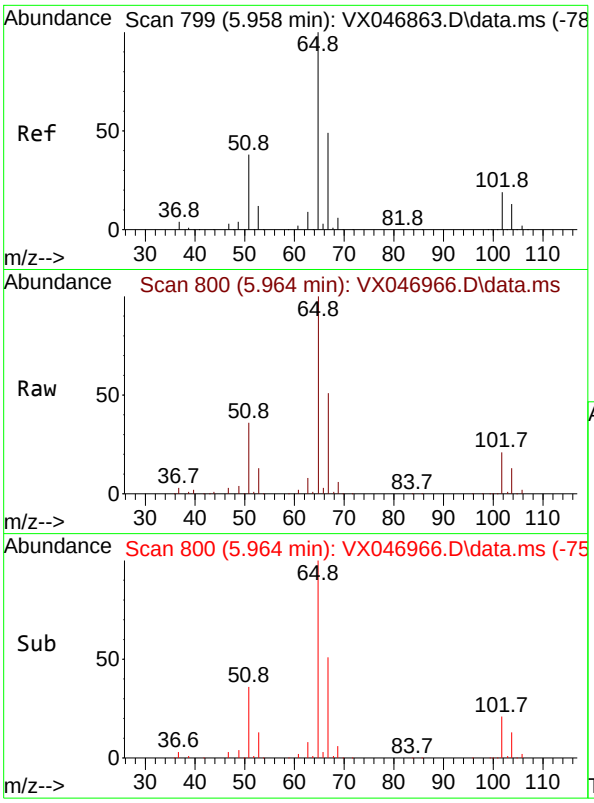


#31
Cyclohexane
Concen: 1.964 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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



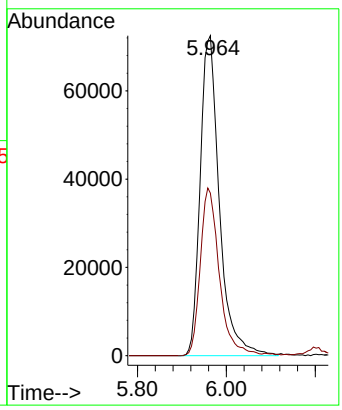


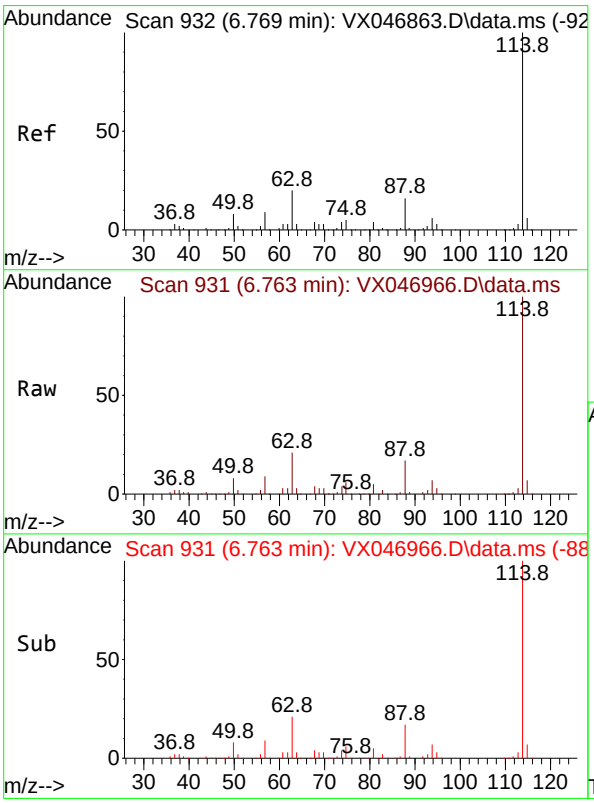
#33
1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 65 Resp: 218114

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2

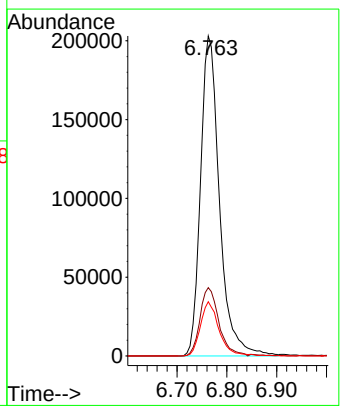


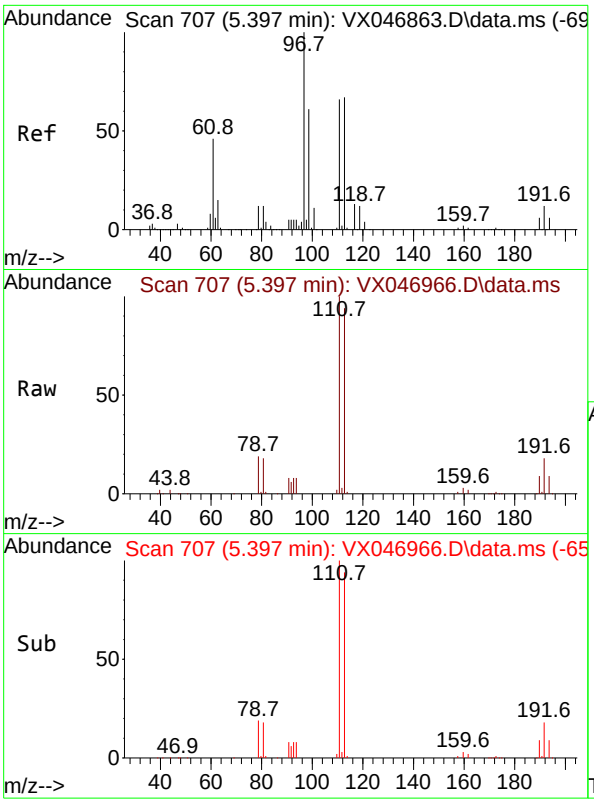


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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



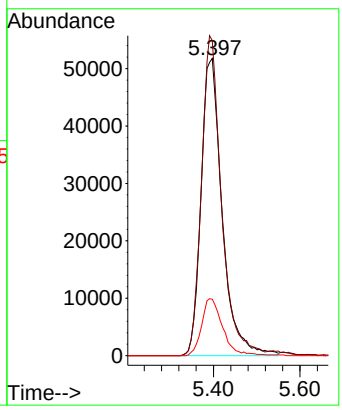


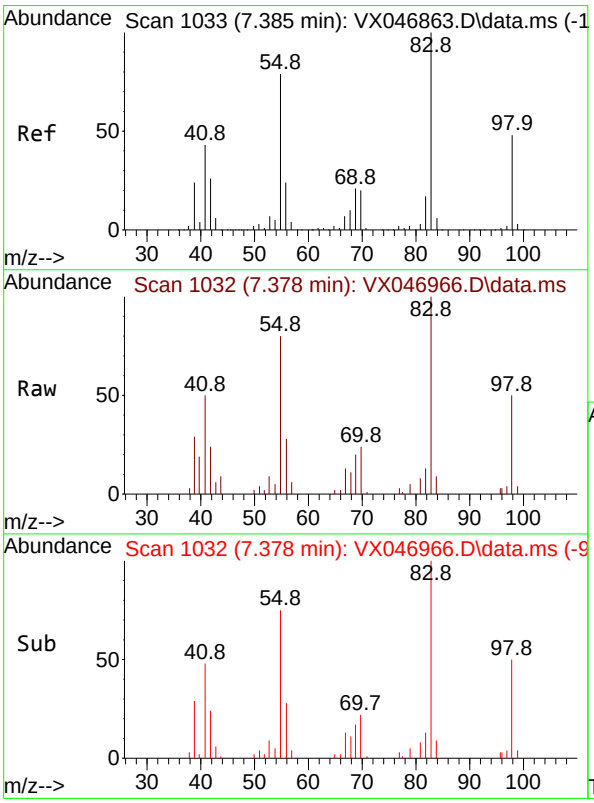
#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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

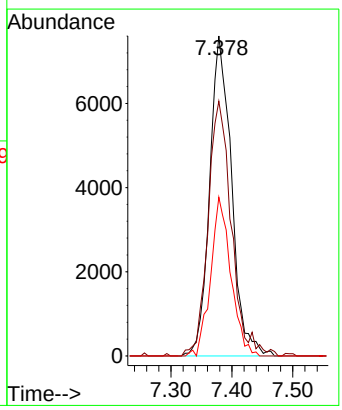


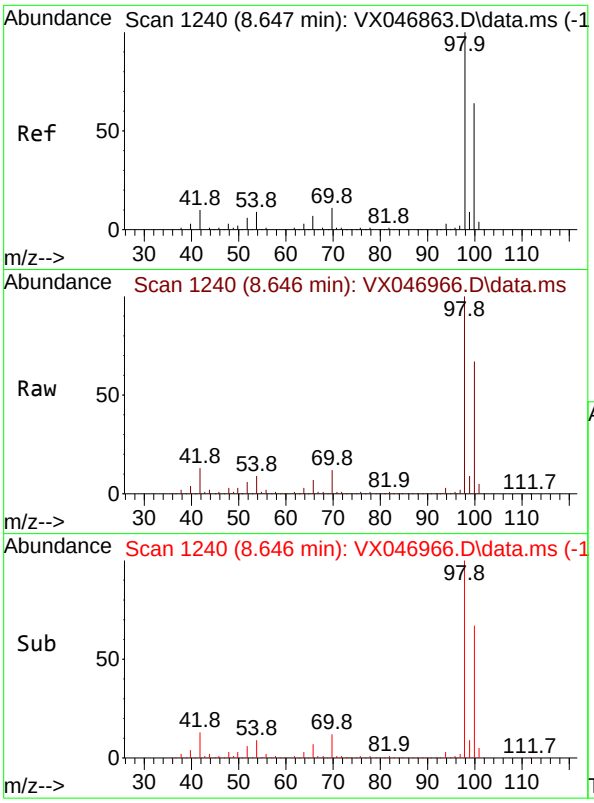


#39
Methylcyclohexane
Concen: 3.080 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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



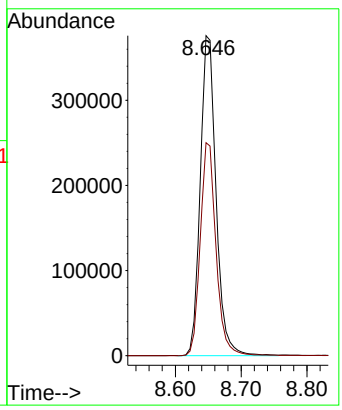


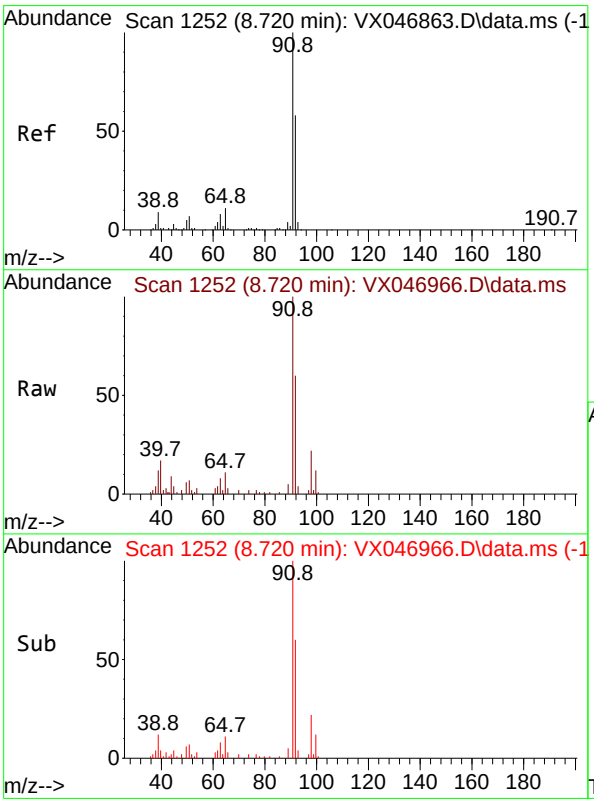
#50
Toluene-d8
Concen: 48.905 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 98 Resp: 628116

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

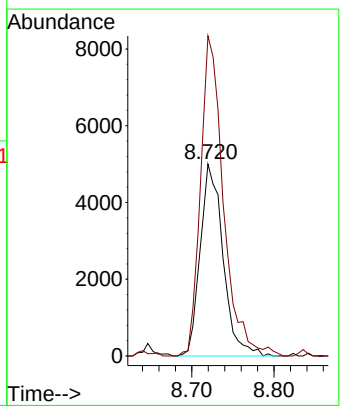


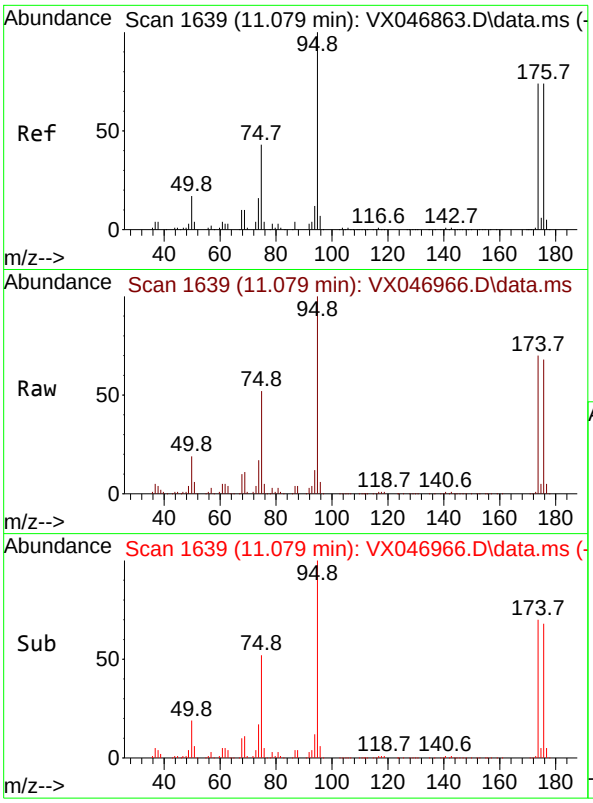


#52
Toluene
Concen: 1.047 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 92 Resp: 9641

Ion	Ratio	Lower	Upper
92	100		
91	167.7	137.9	206.9



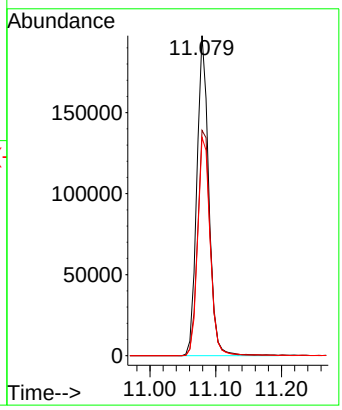


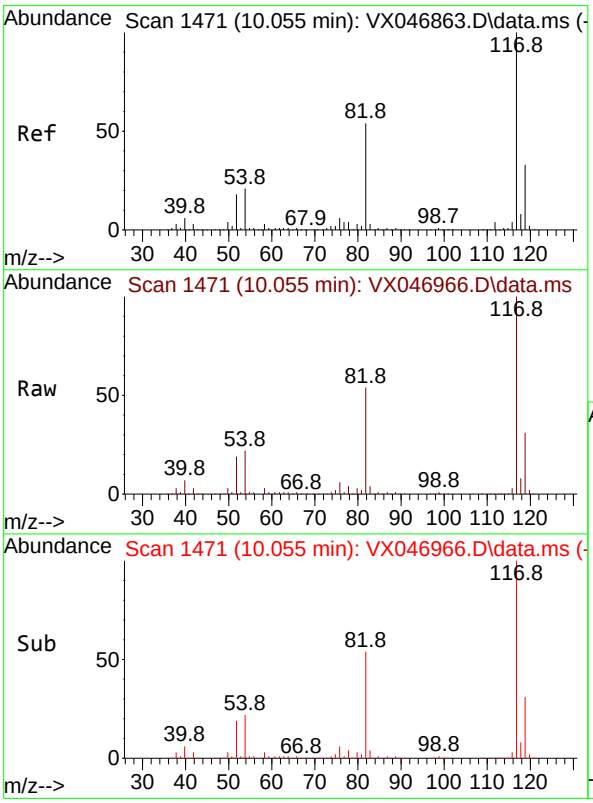
#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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

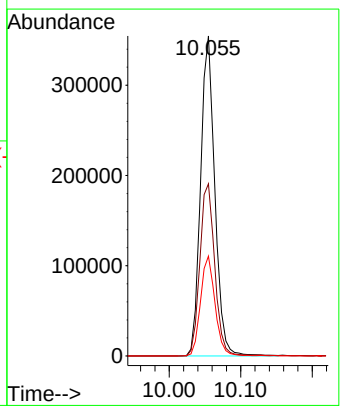


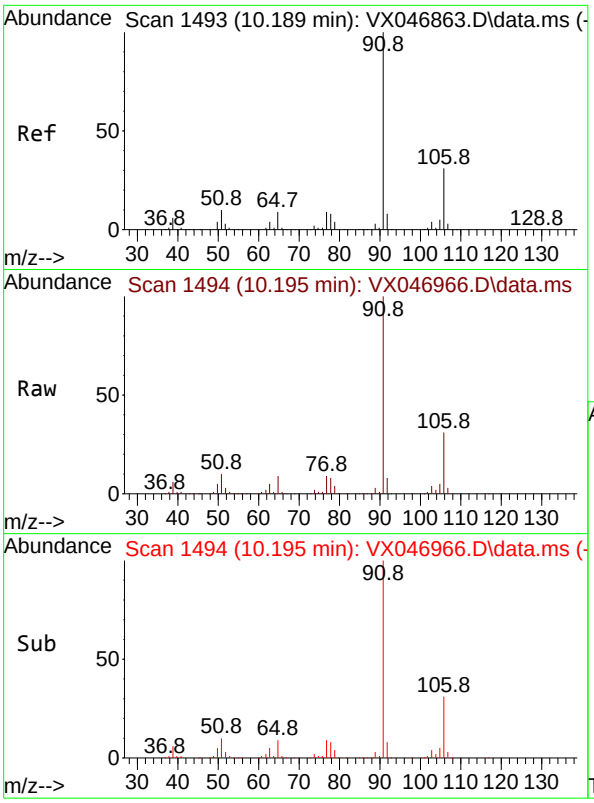


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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



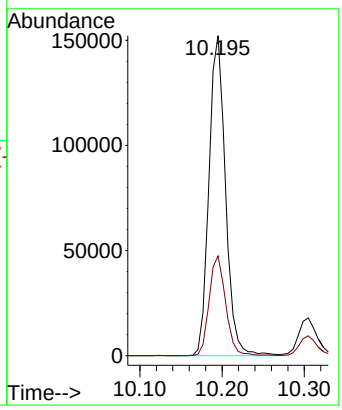


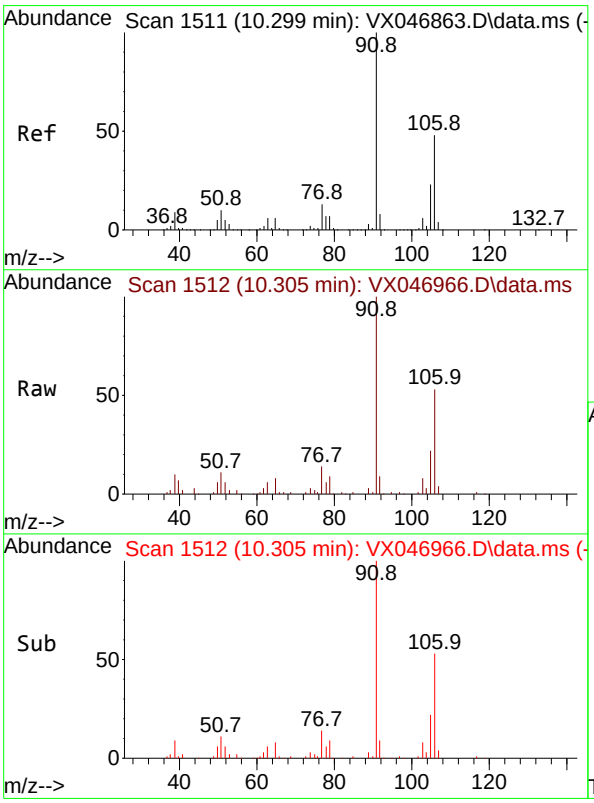
#67
Ethyl Benzene
Concen: 11.740 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

Tgt Ion: 91 Resp: 213257

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6

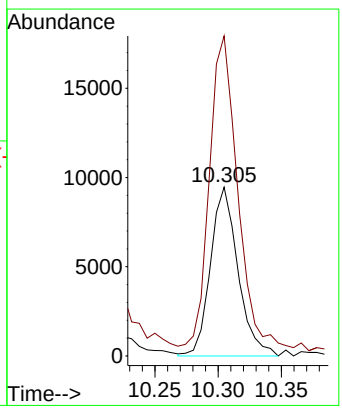


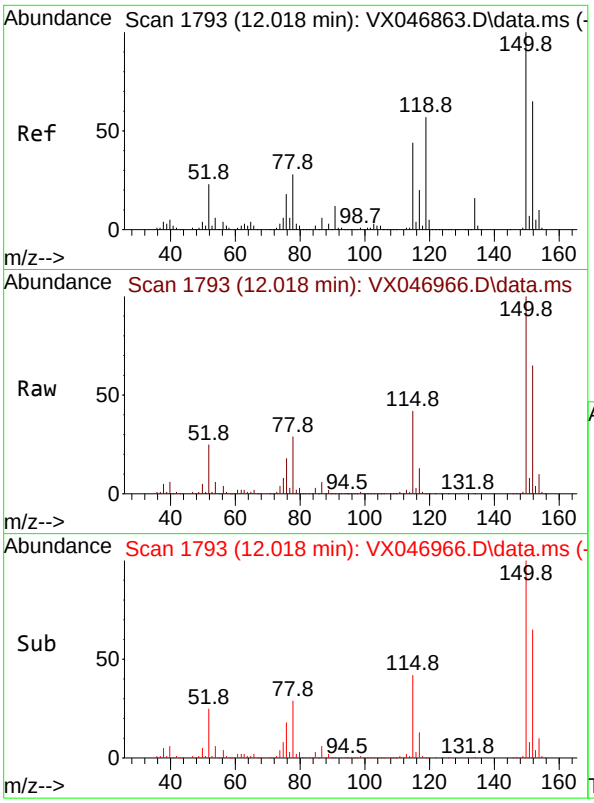


#68
m/p-Xylenes
Concen: 2.090 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion:106 Resp: 14307

Ion	Ratio	Lower	Upper
106	100		
91	202.2	164.6	246.8



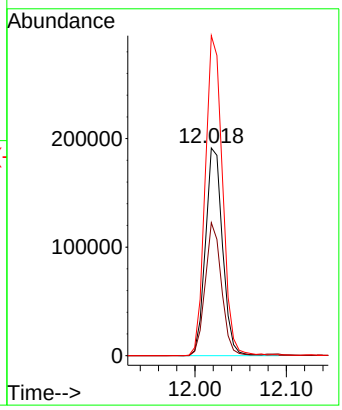


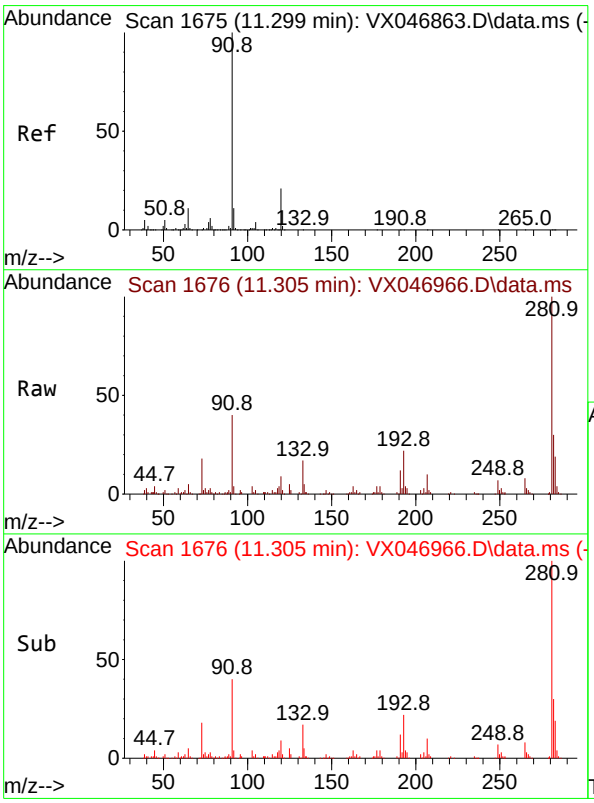
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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

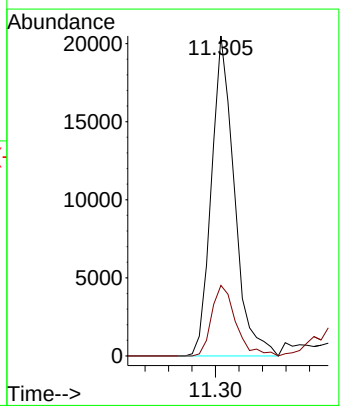


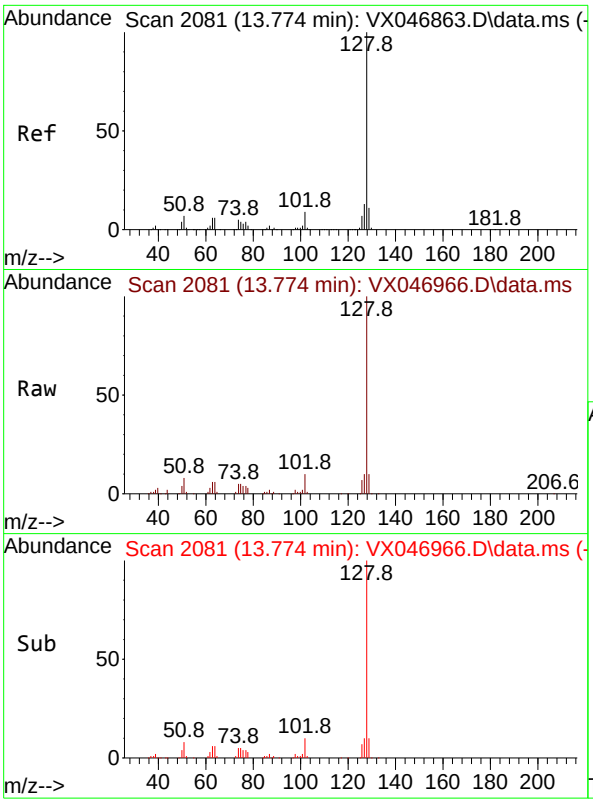


#78
n-propylbenzene
Concen: 1.322 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 91 Resp: 27785

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5



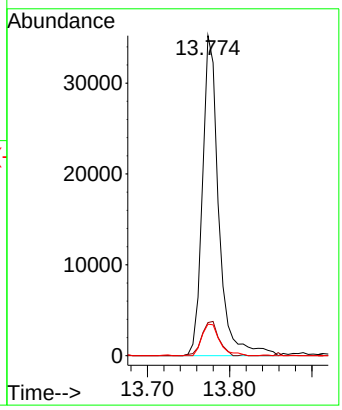


#95
Naphthalene
Concen: 3.434 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

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

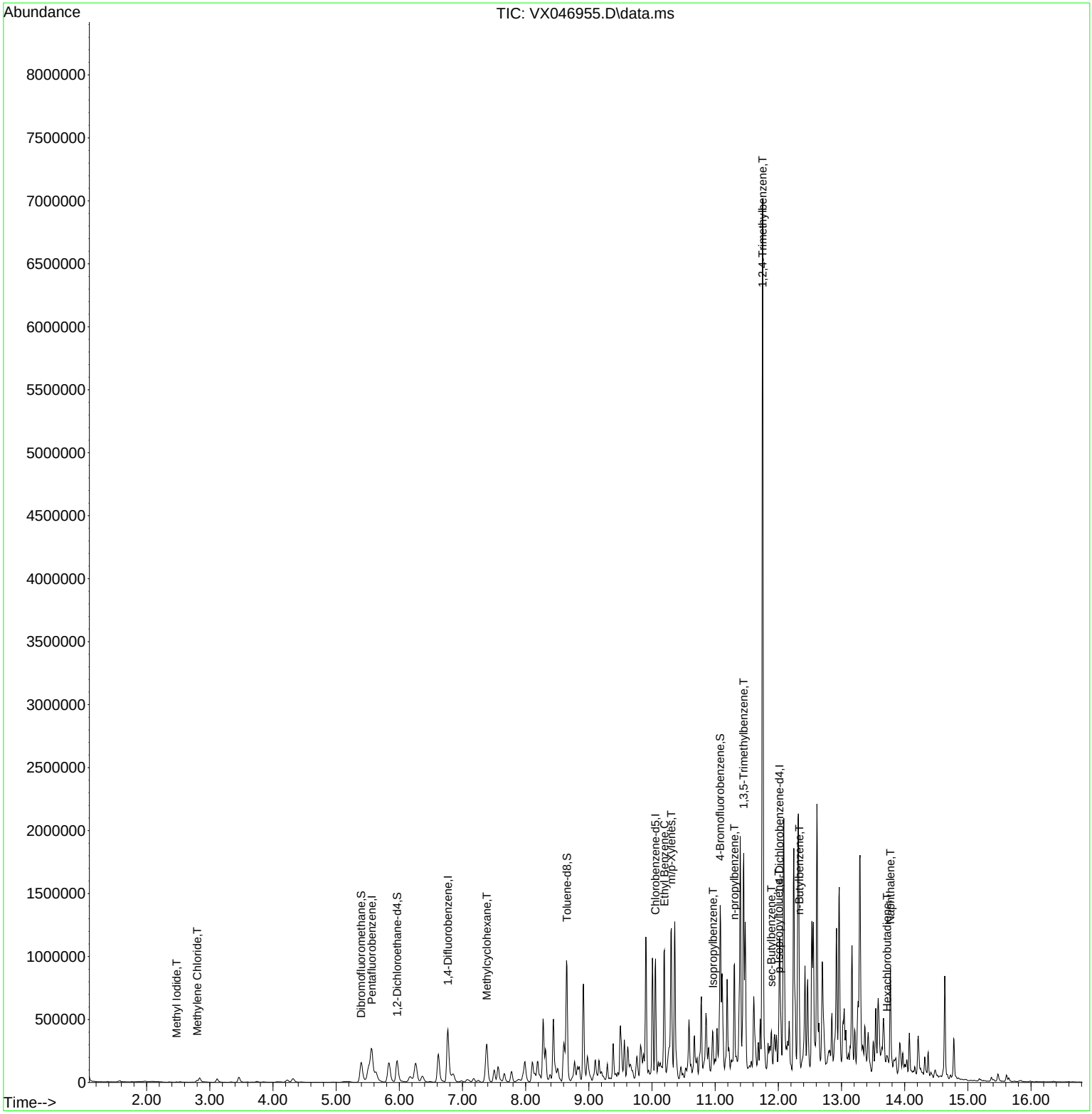
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

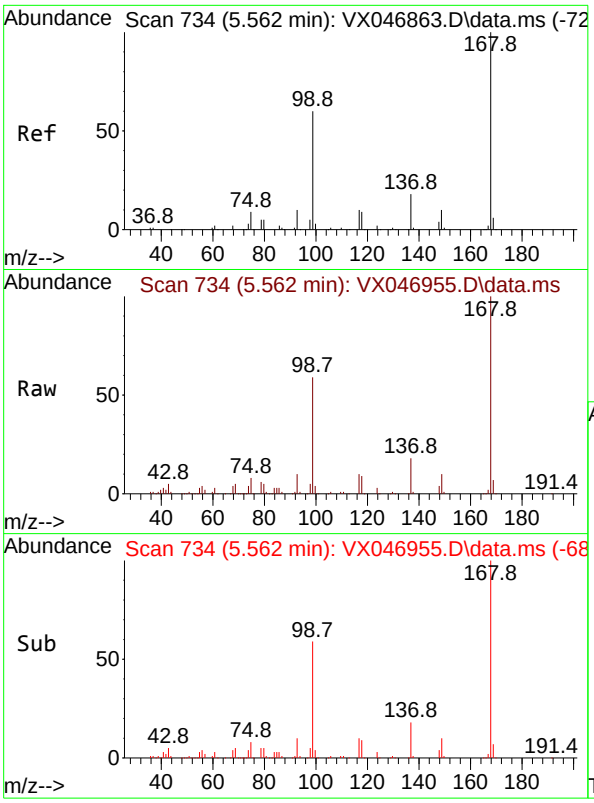
Quant Time: Jul 11 01:37:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

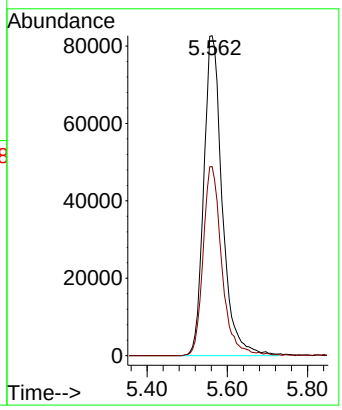




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:168 Resp: 26486

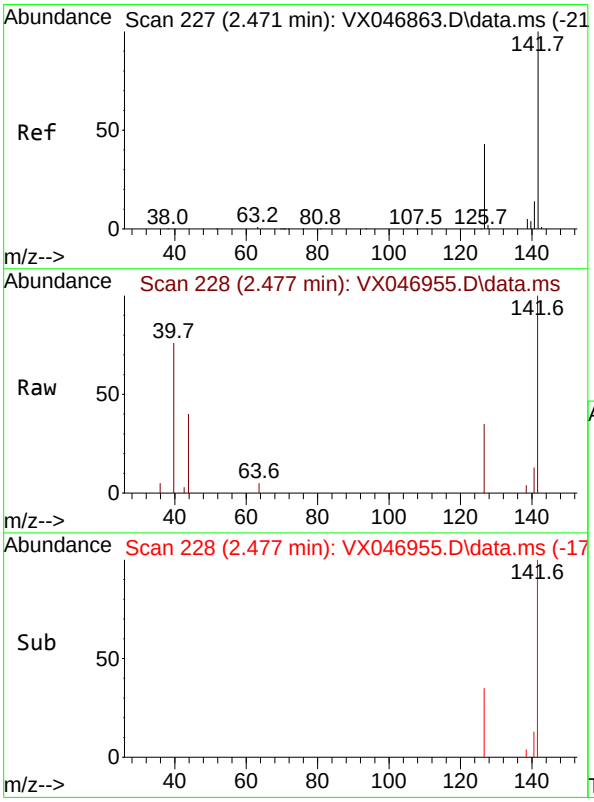
Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

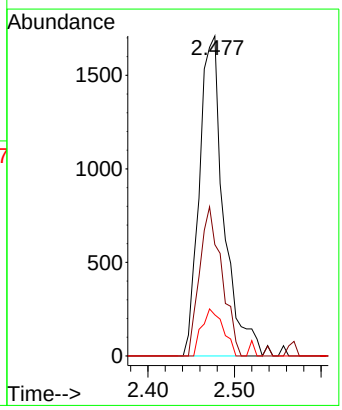
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

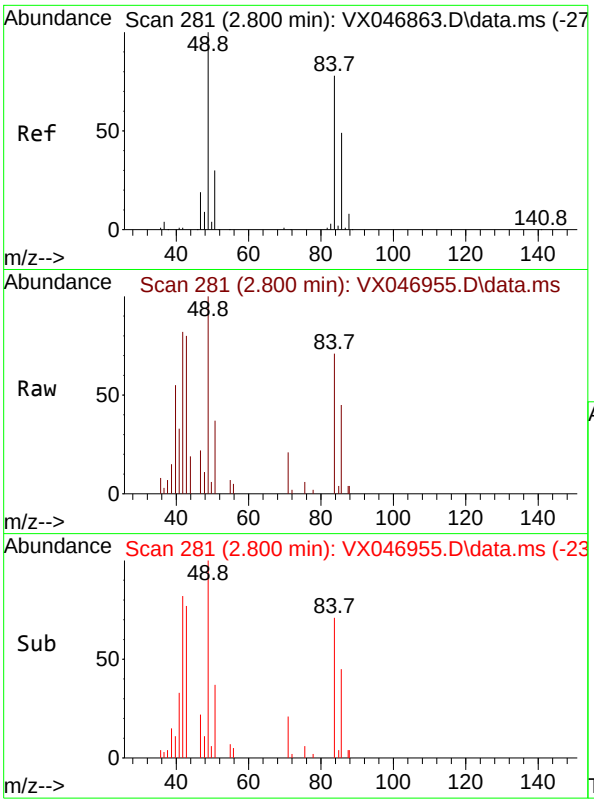


#10
Methyl Iodide
Concen: 1.038 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

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

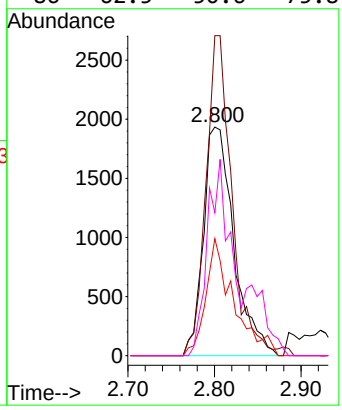




#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 2.800 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 84 Resp: 473

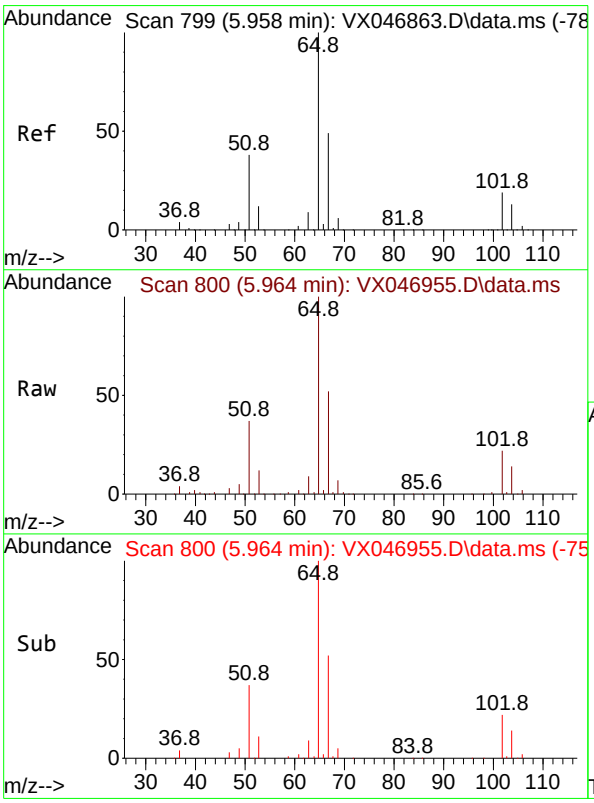
Ion	Ratio	Lower	Upper
84	100		
49	140.0	102.8	154.2
51	51.1	31.1	46.7#
86	62.5	50.6	75.8



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

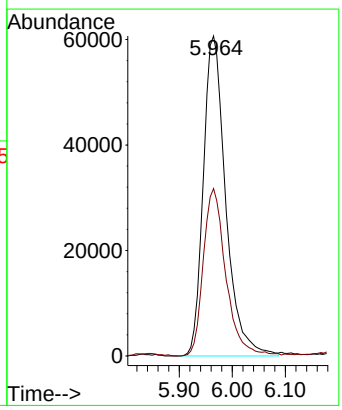
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

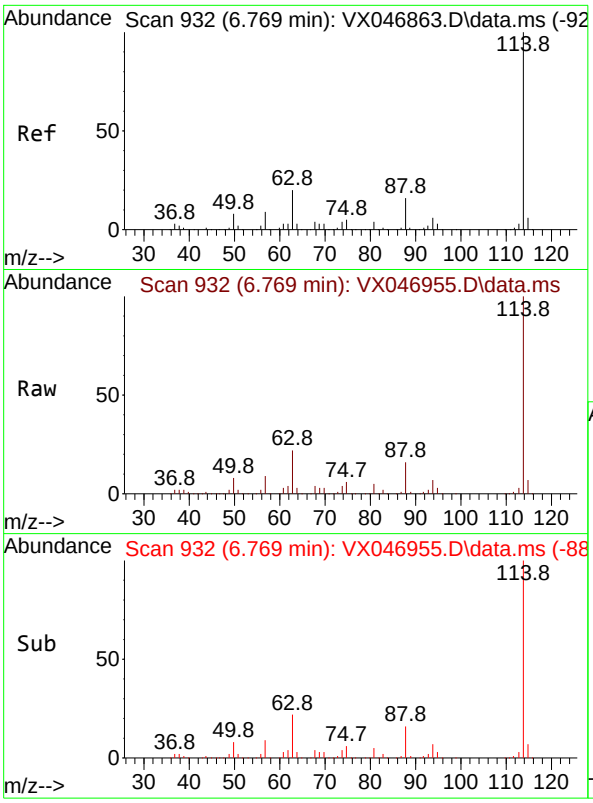


#33
1,2-Dichloroethane-d4
Concen: 50.997 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 65 Resp: 178446

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2

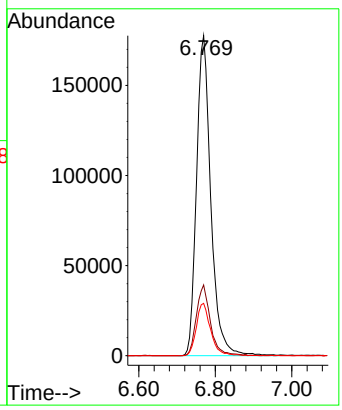




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:114 Resp: 46134

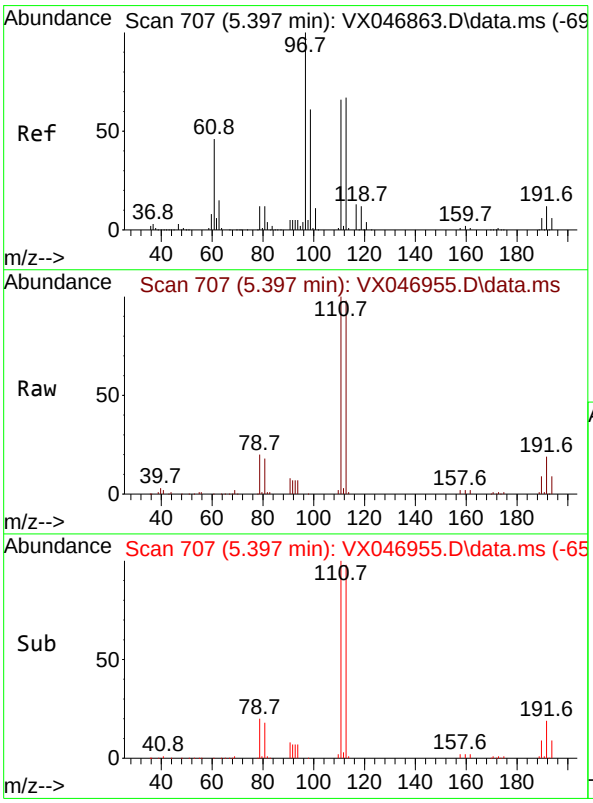
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.4
88	16.4	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

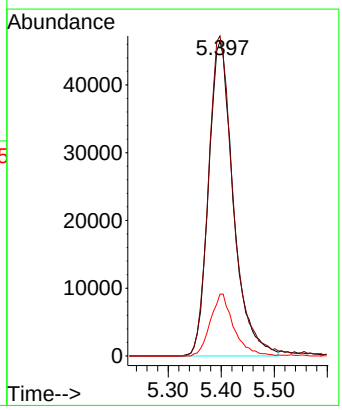
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

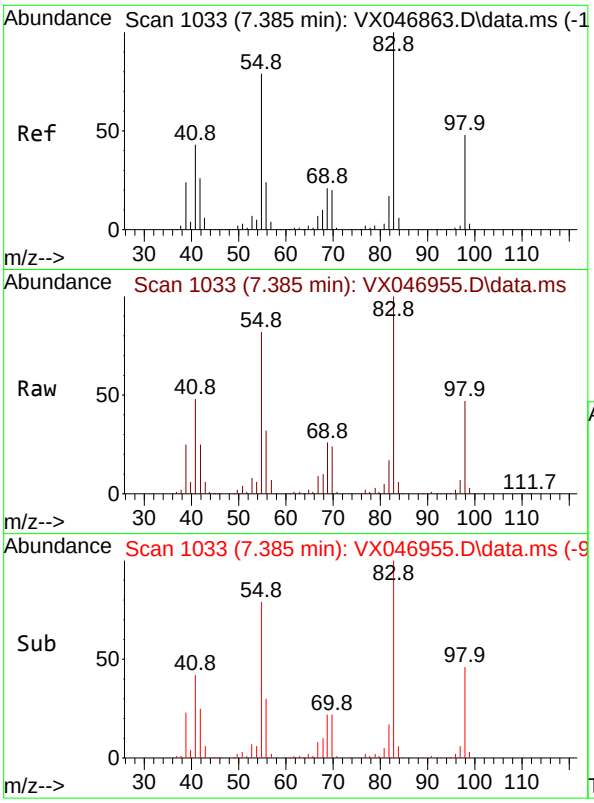


#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

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

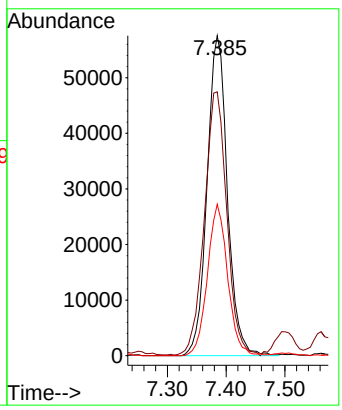
Tgt Ion: 83 Resp: 13858

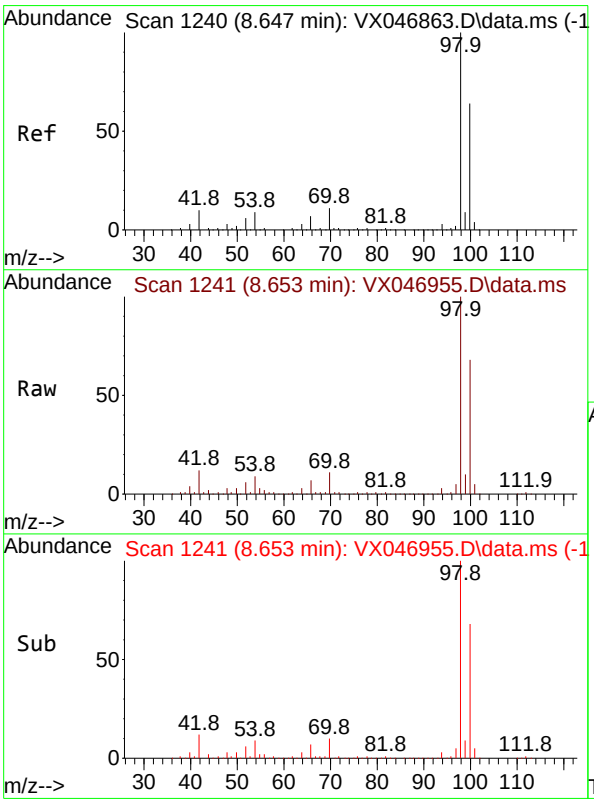
Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.0	94.4
98	47.3	38.5	57.7

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

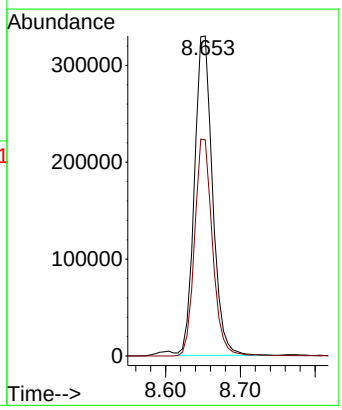


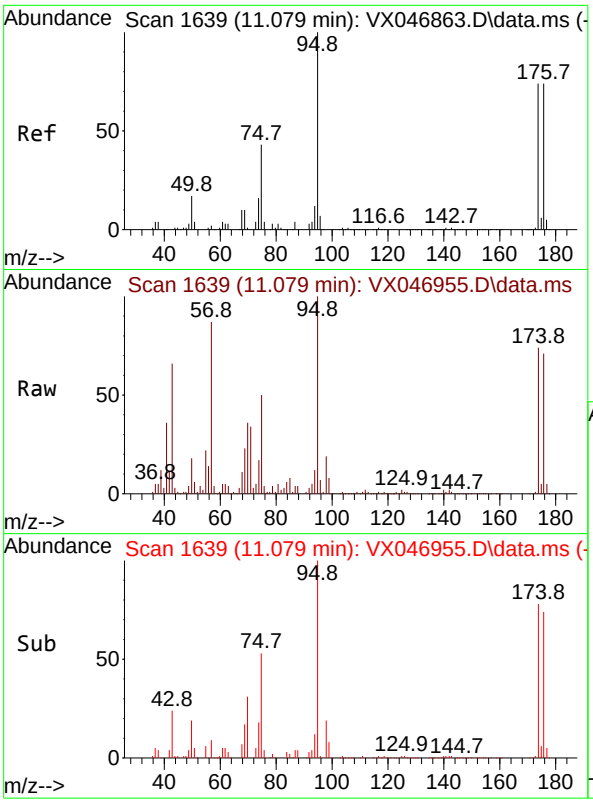


#50
Toluene-d8
Concen: 49.942 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 98 Resp: 551801

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.6

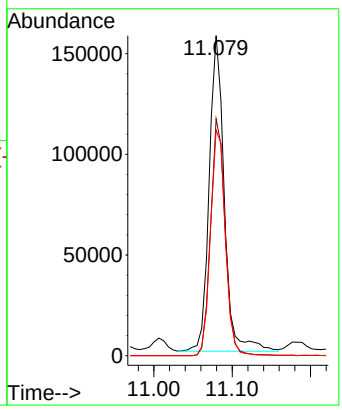




#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 95 Resp: 20901

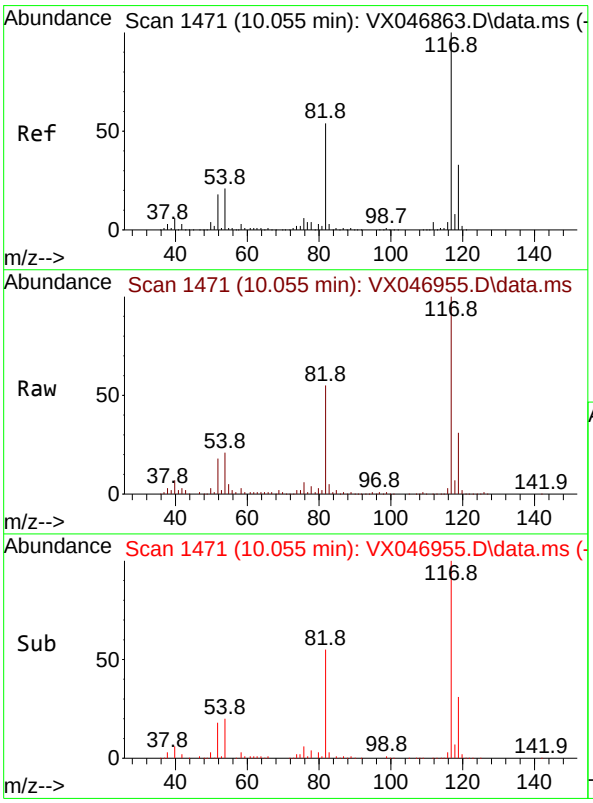
Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	152.0
176	70.4	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

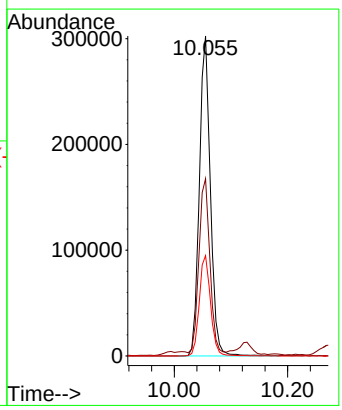
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

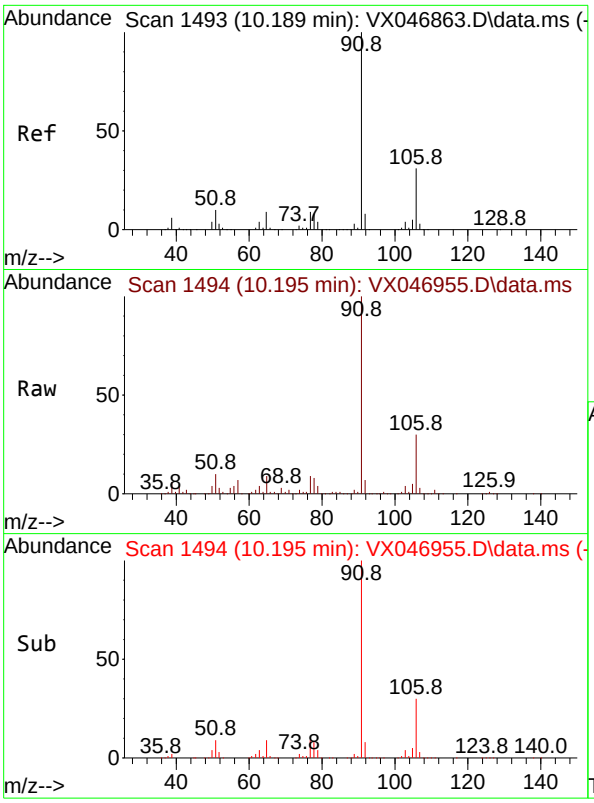


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

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

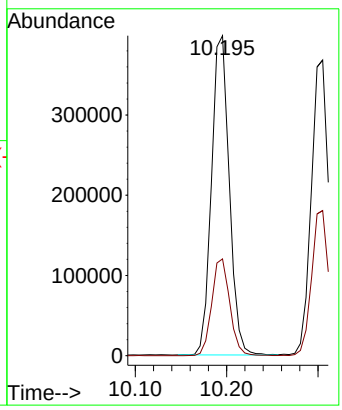




#67
Ethyl Benzene
Concen: 35.598 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 91 Resp: 53774

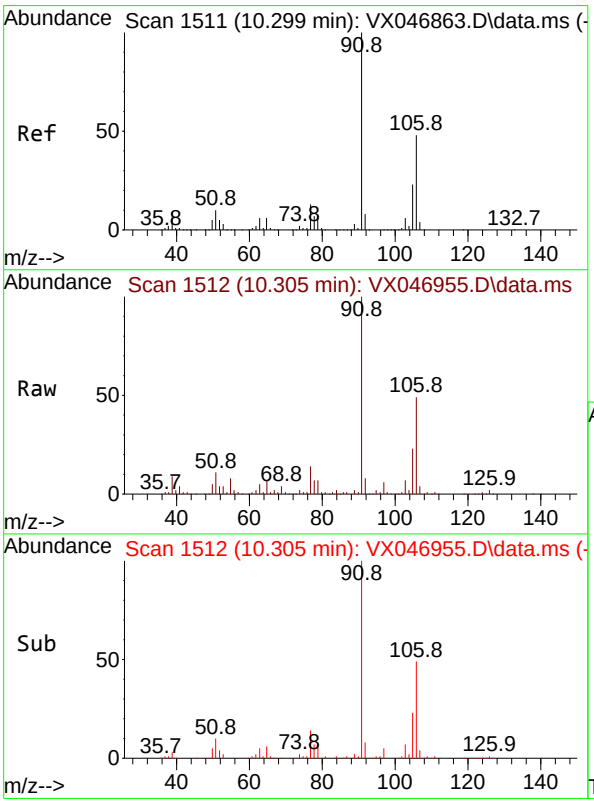
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

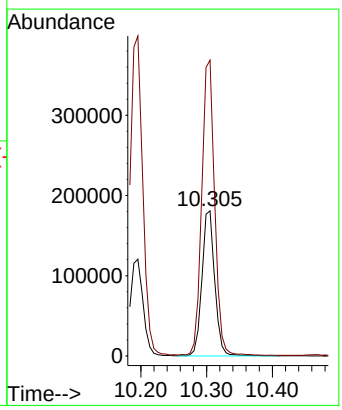
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

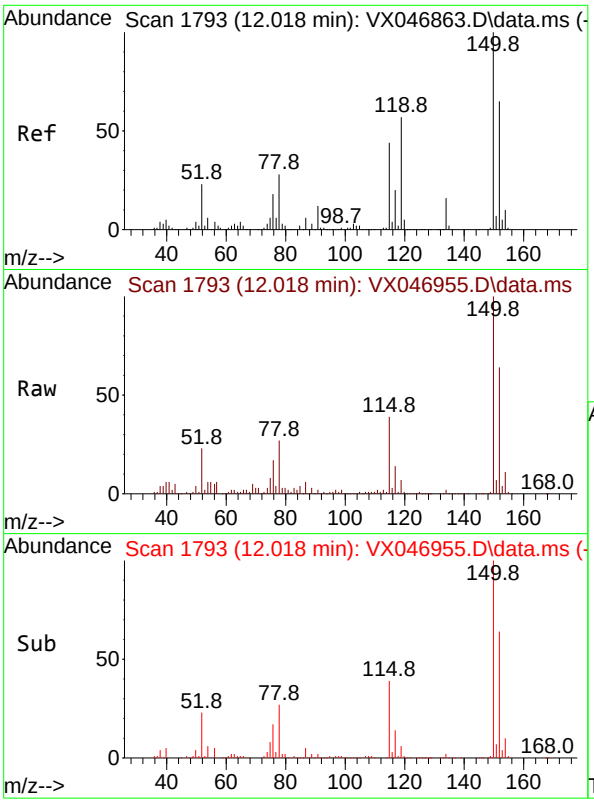


#68
m/p-Xylenes
Concen: 42.953 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:106 Resp: 244497

Ion	Ratio	Lower	Upper
106	100		
91	205.5	164.6	246.8

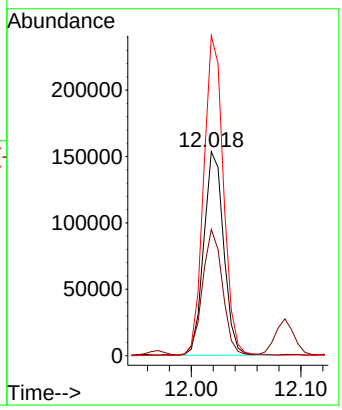




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:152 Resp: 19263

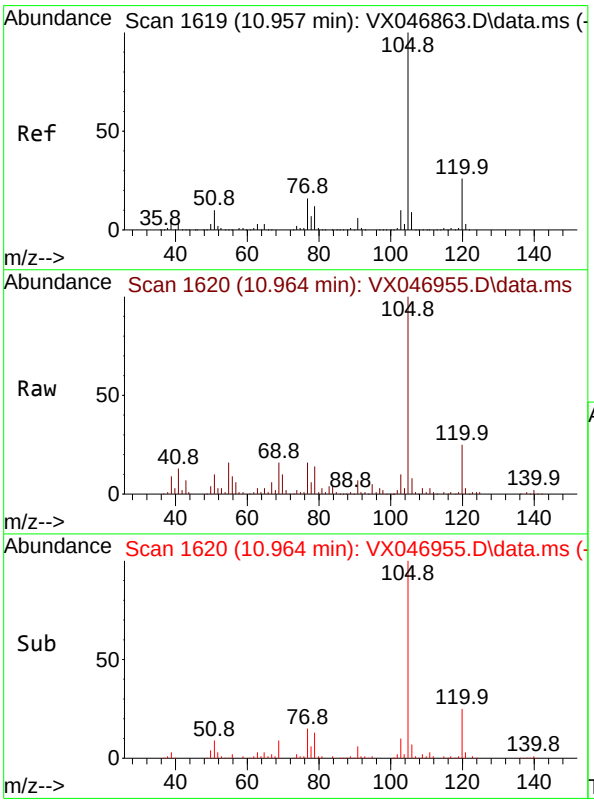
Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.4	127.1
150	157.1	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

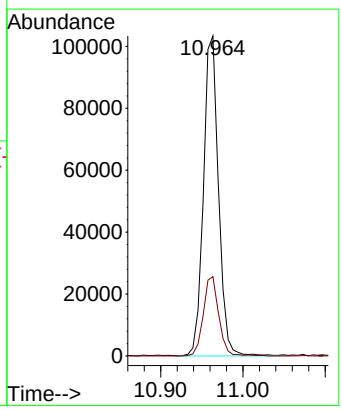
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

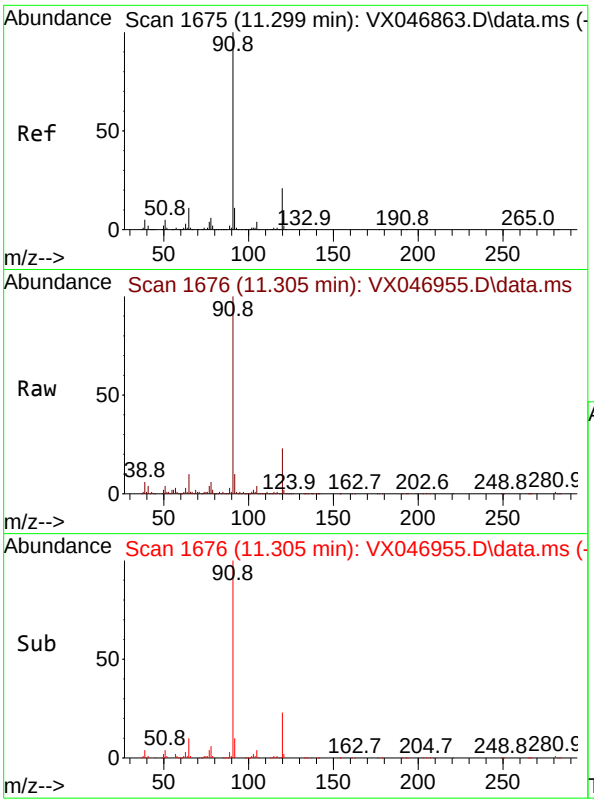


#73
Isopropylbenzene
Concen: 9.736 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:105 Resp: 131839

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.2	39.5

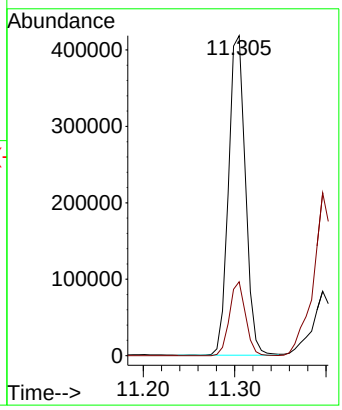




#78
n-propylbenzene
Concen: 32.932 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion: 91 Resp: 53774

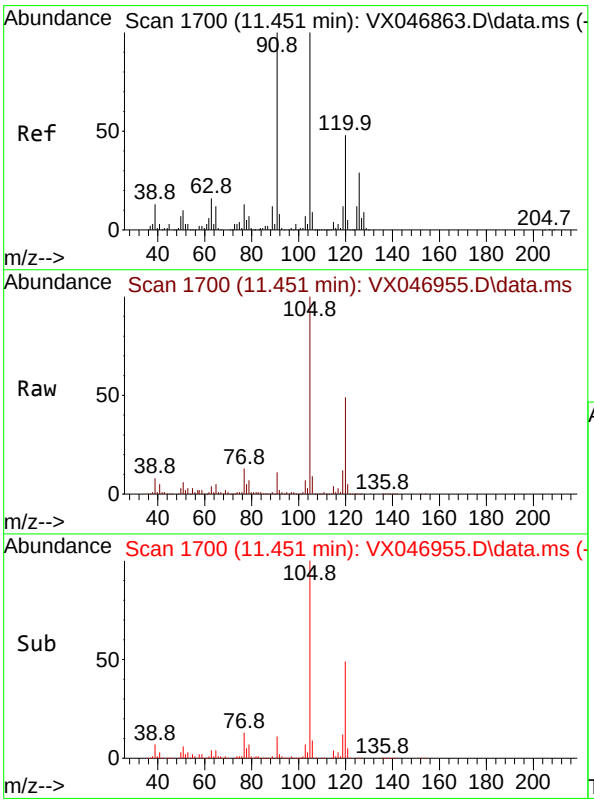
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

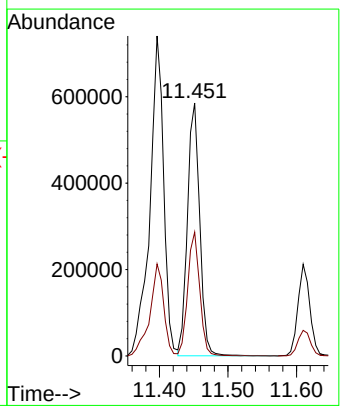
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

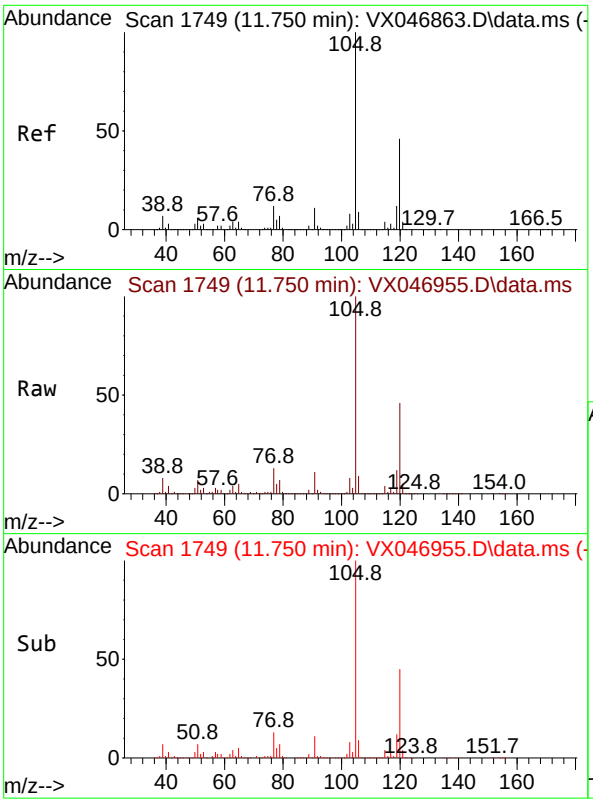


#80
1,3,5-Trimethylbenzene
Concen: 66.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

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

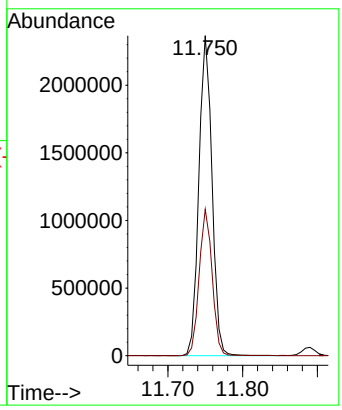
Tgt Ion:105 Resp: 287174

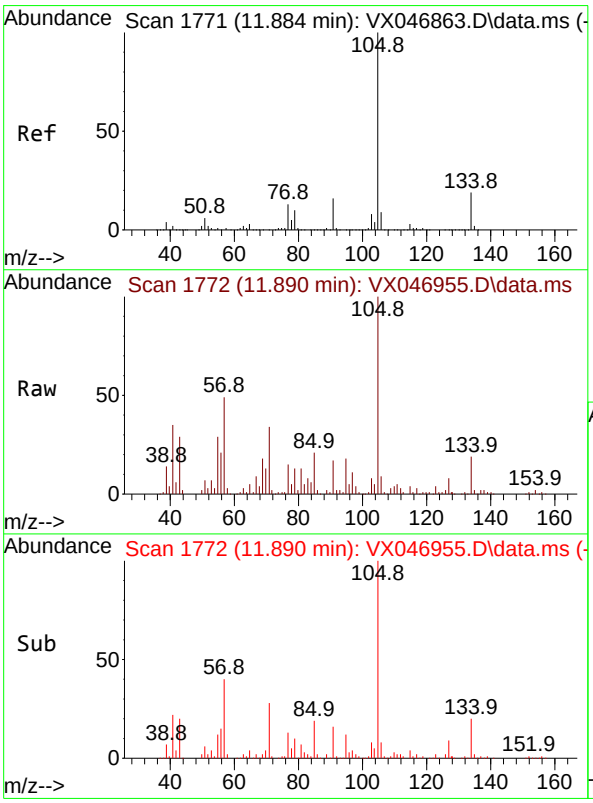
Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.3	69.8

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

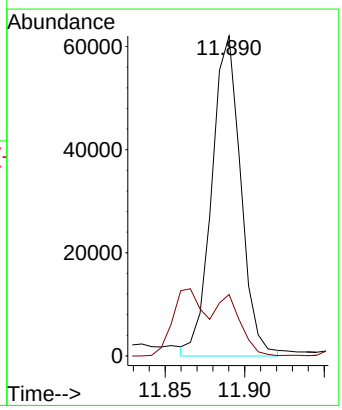


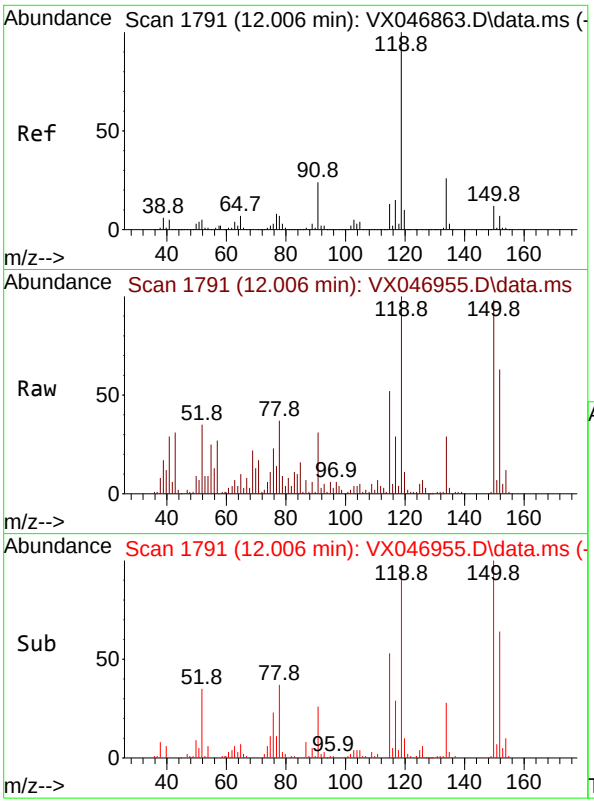


#85
sec-Butylbenzene
Concen: 5.494 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:105 Resp: 78727

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

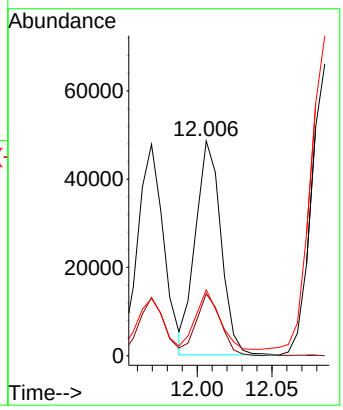




#86
p-Isopropyltoluene
Concen: 4.797 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:119 Resp: 5756

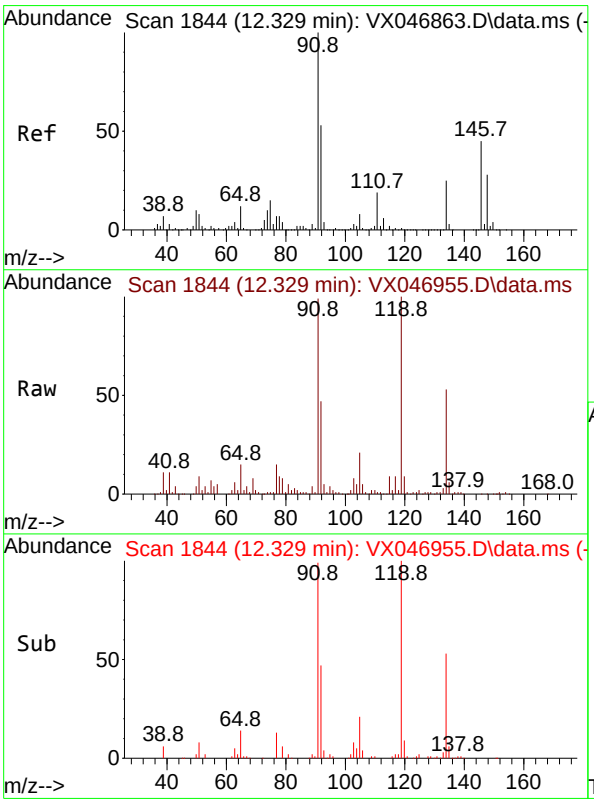
Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.0	39.0
91	25.6	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

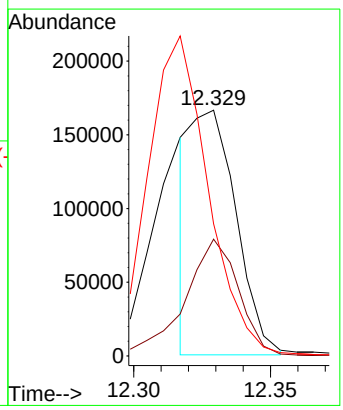
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

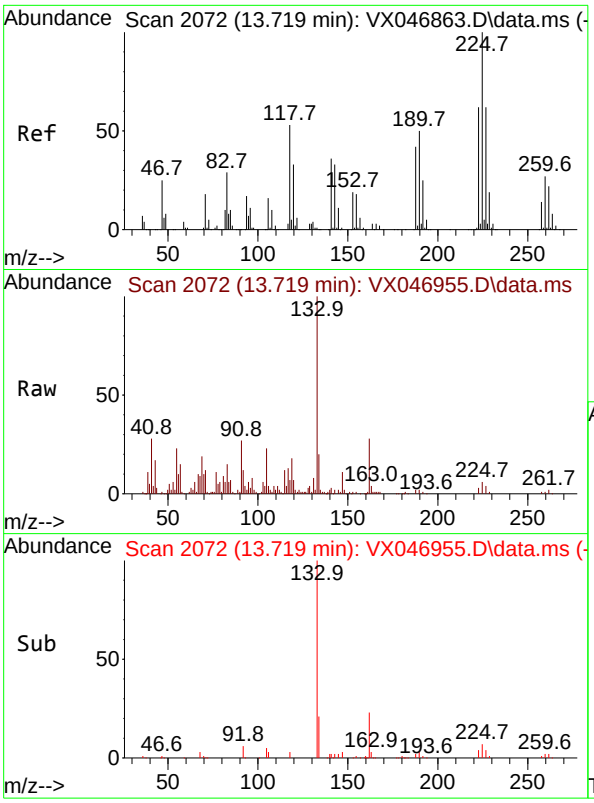


#89
n-Butylbenzene
Concen: 16.754 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

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#

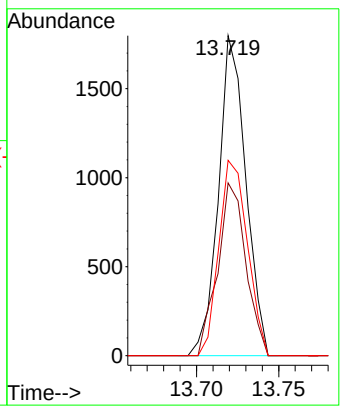




#94
Hexachlorobutadiene
Concen: 1.327 ug/l
RT: 13.719 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Tgt Ion:225 Resp: 207

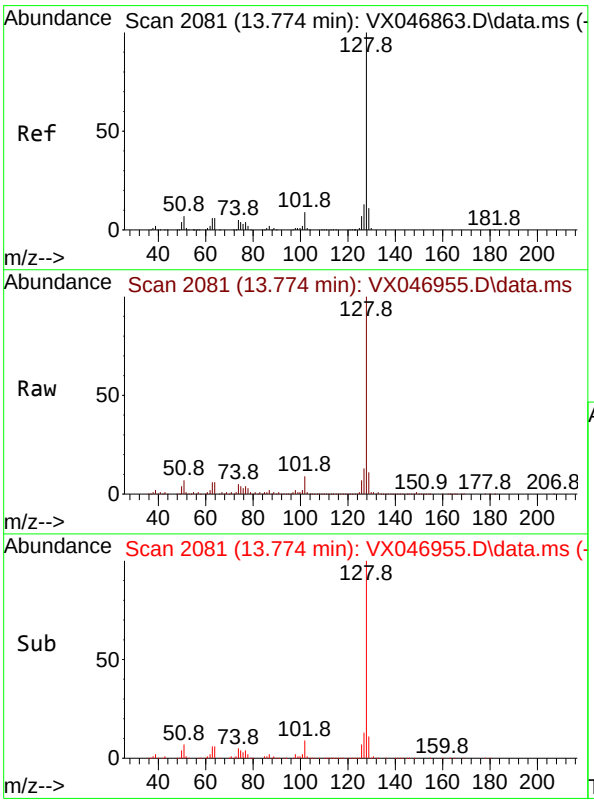
Ion	Ratio	Lower	Upper
225	100		
223	55.6	31.6	94.7
227	63.7	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
GPX5

Manual Integrations
APPROVED

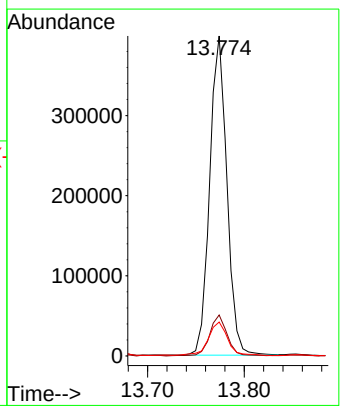
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#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

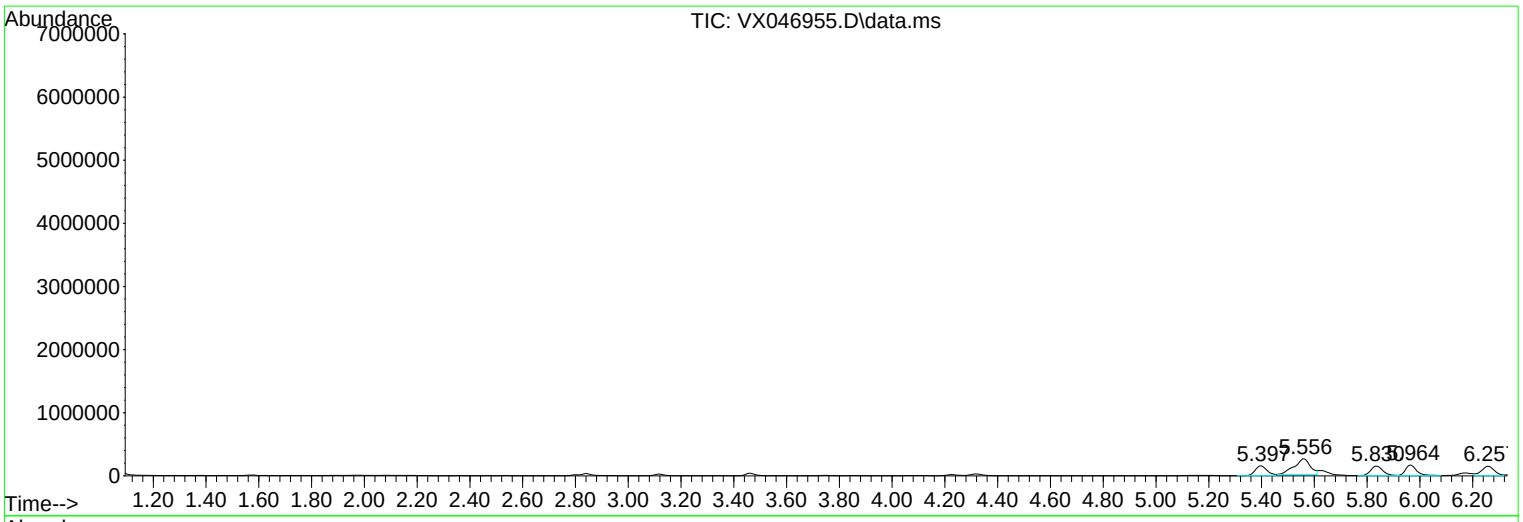
Sample Results: **VX046955.D**

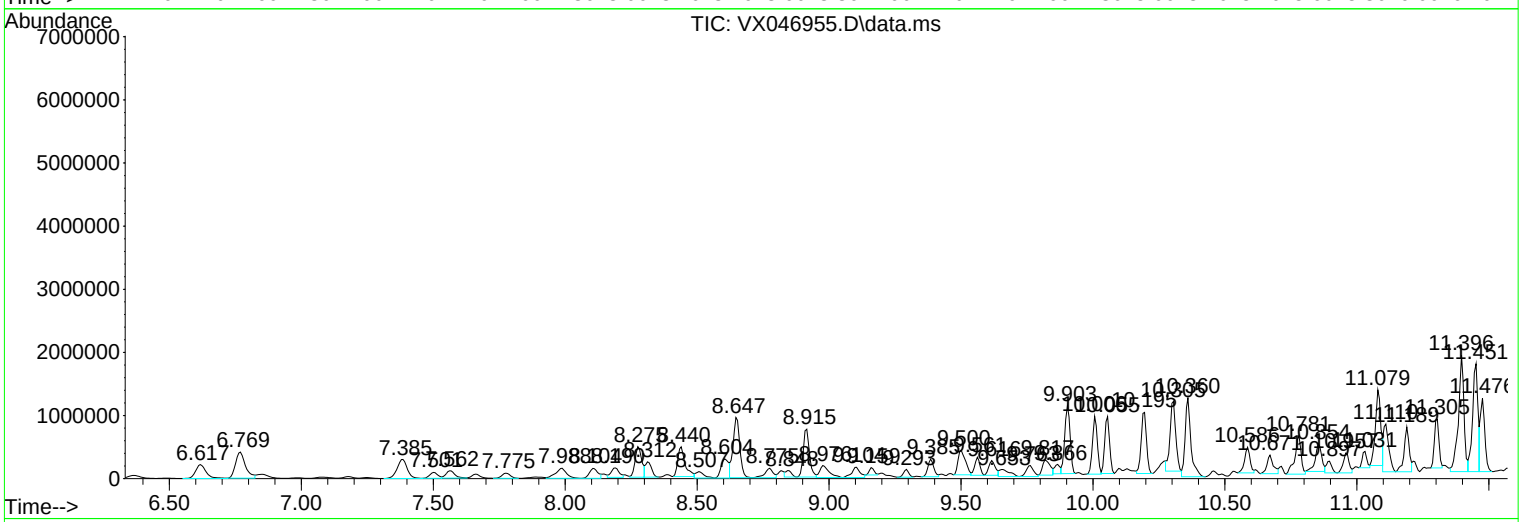
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Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

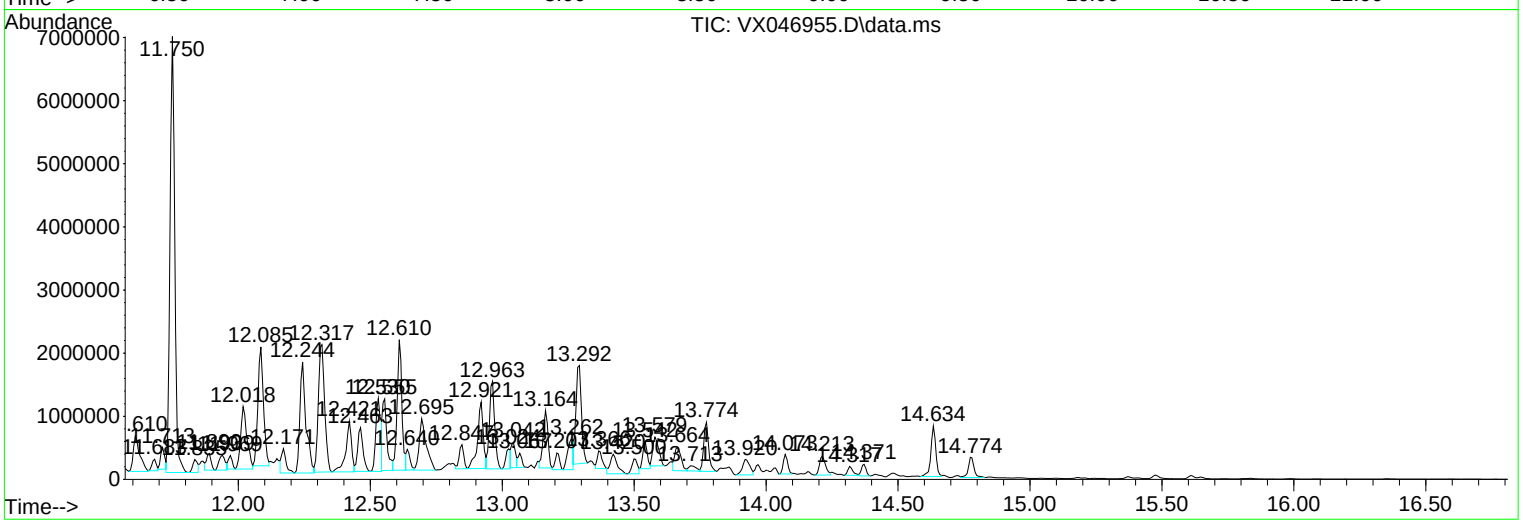
Instrument :
MSVOA_X
ClientSampleId :
GPX5

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







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

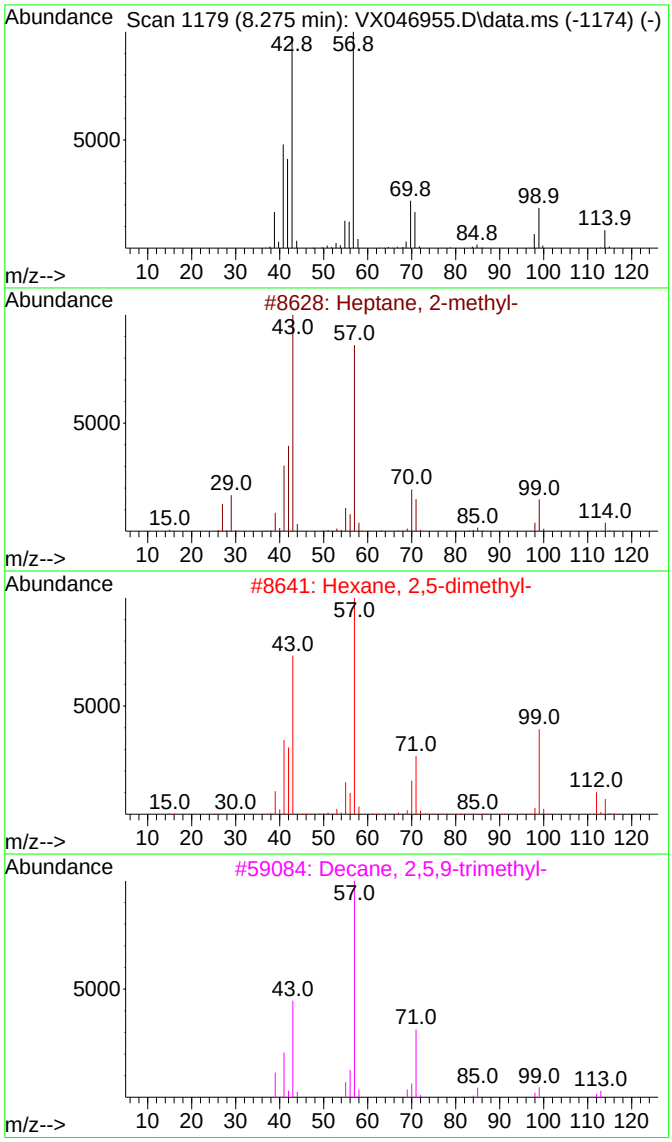
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Quant Title : SW846 8260

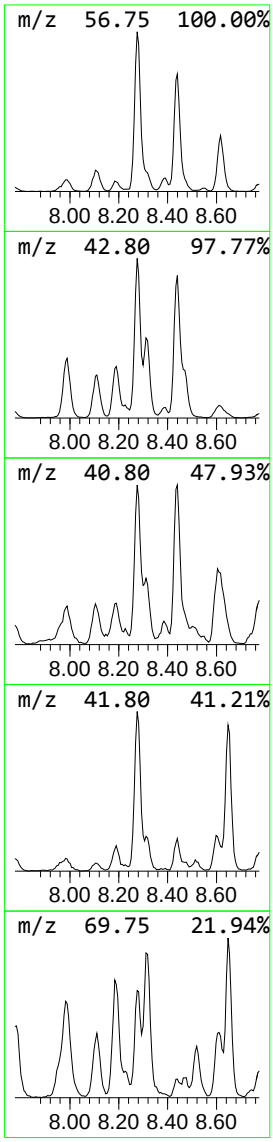
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

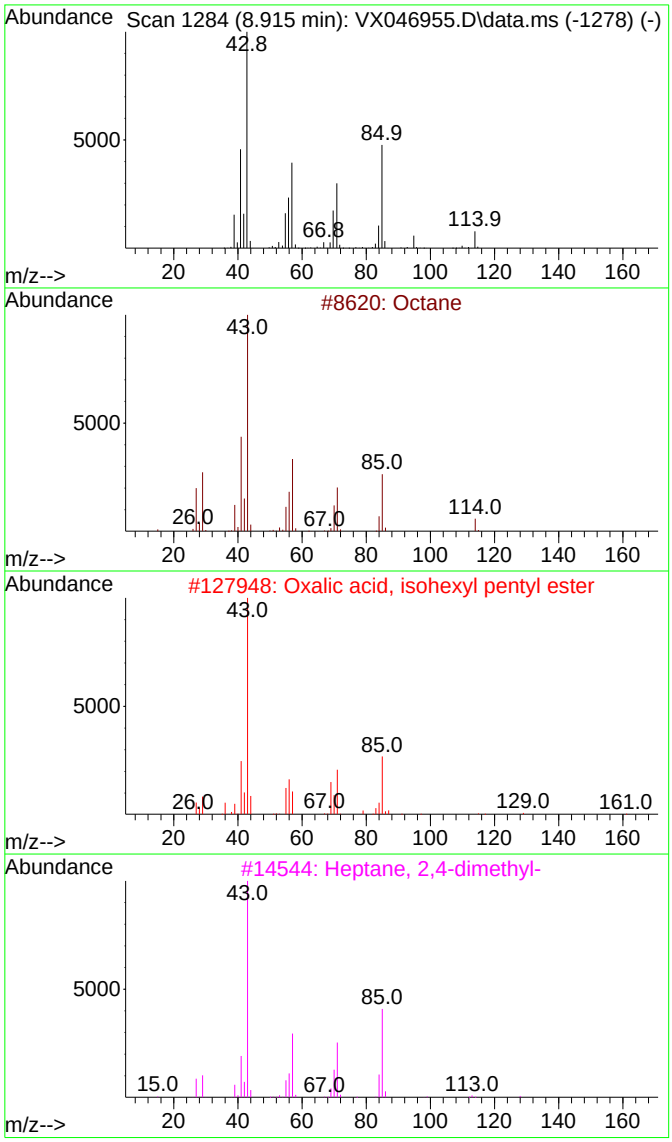
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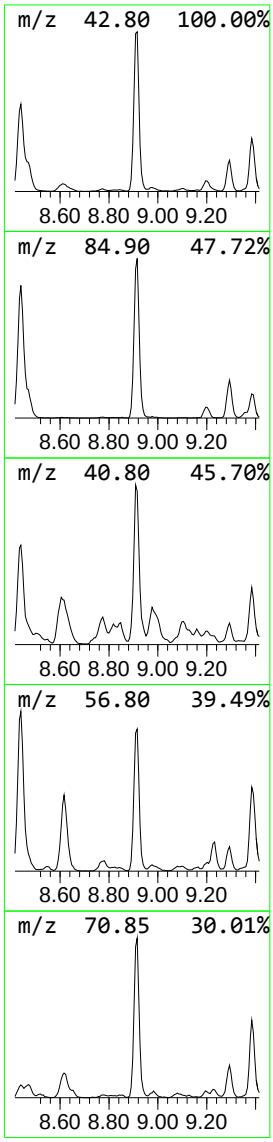
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Peak Number 2 Octane Concentration Rank 9

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 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 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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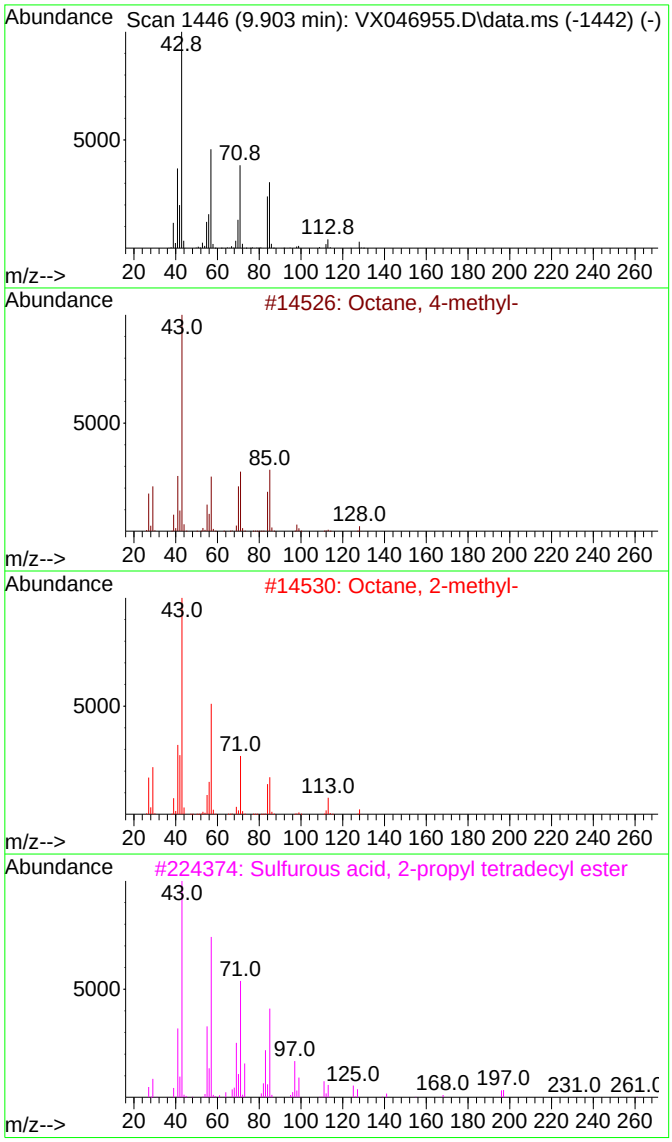
Instrument :
MSVOA_X
ClientSampleId :
GPX5

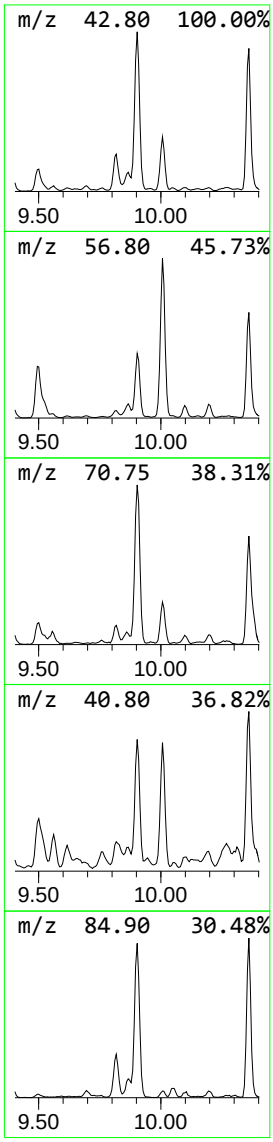
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Peak Number 3 Octane, 4-methyl- Concentration Rank 7

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





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

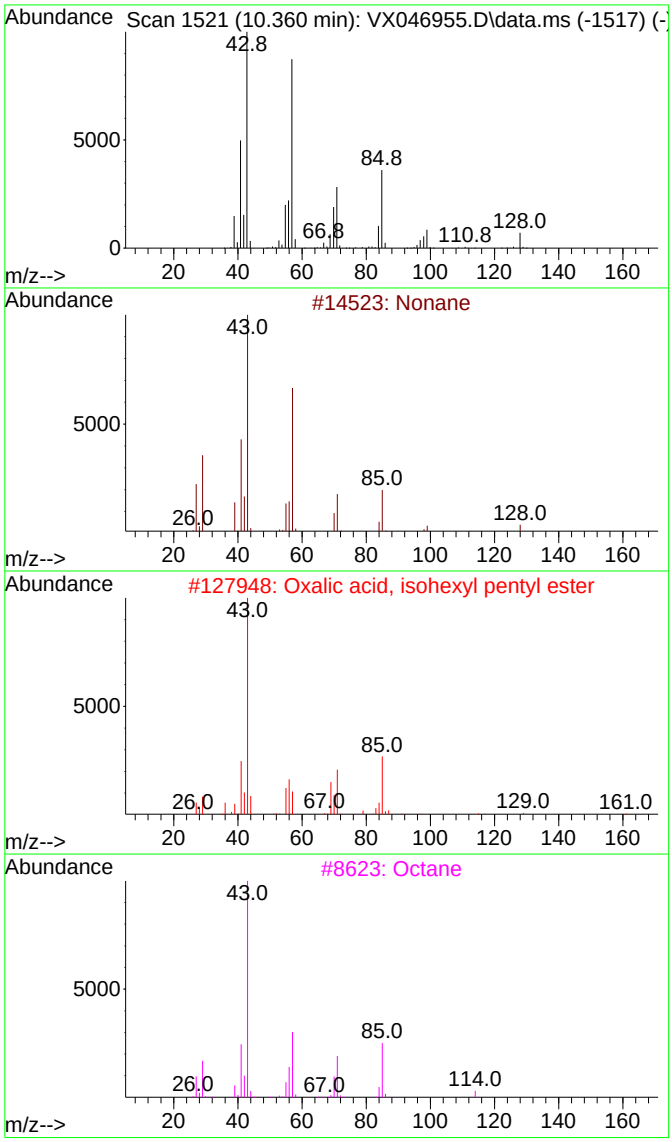
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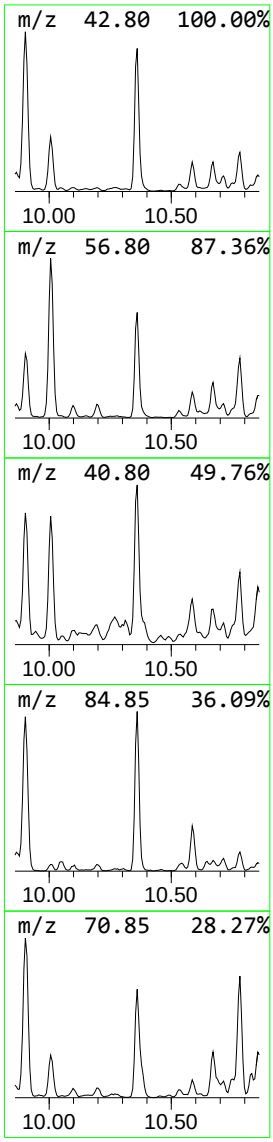
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Peak Number 4 Nonane Concentration Rank 4

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





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

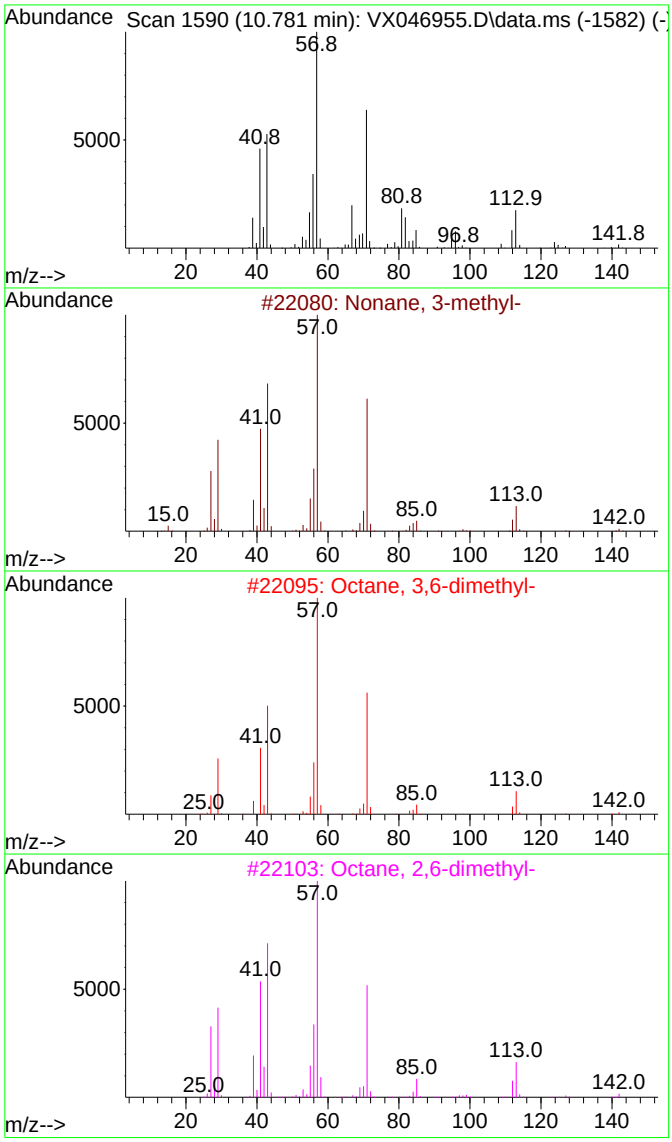
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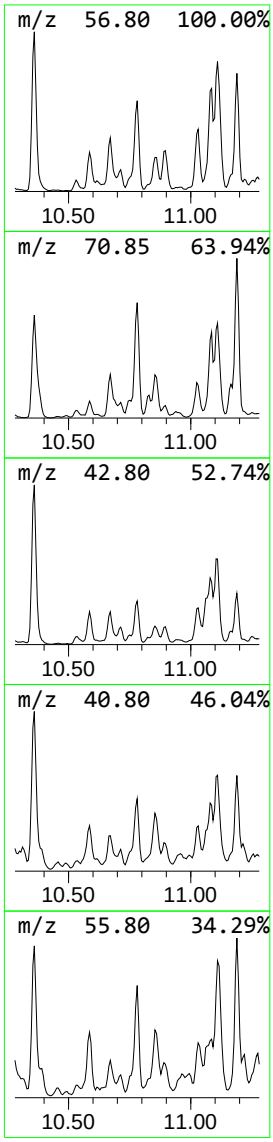
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Peak Number 5 Nonane, 3-methyl- Concentration Rank 13

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

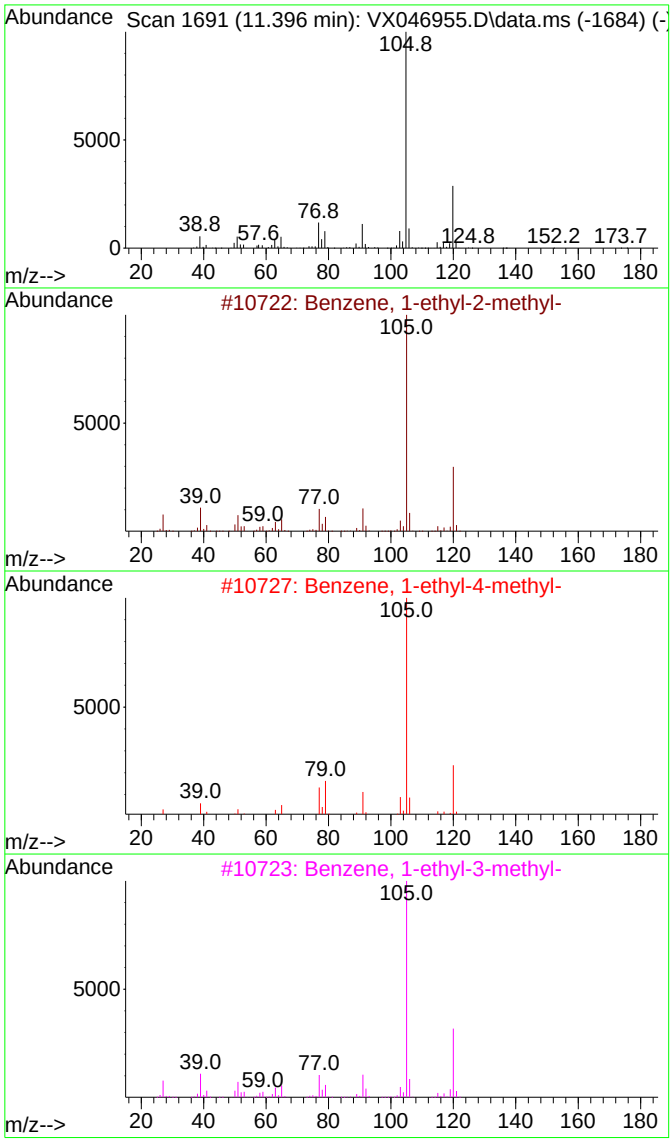
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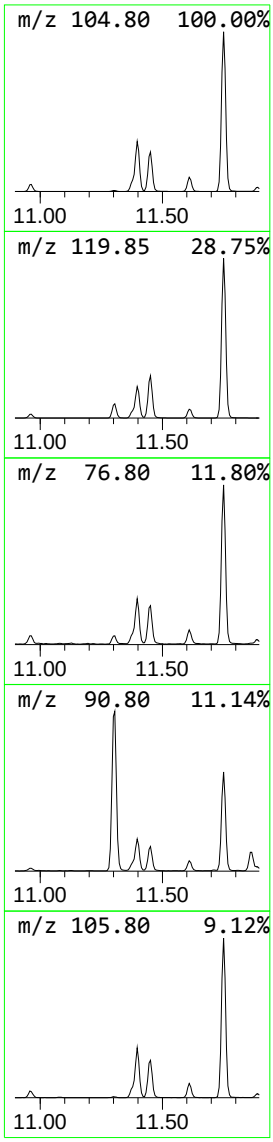
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Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

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





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

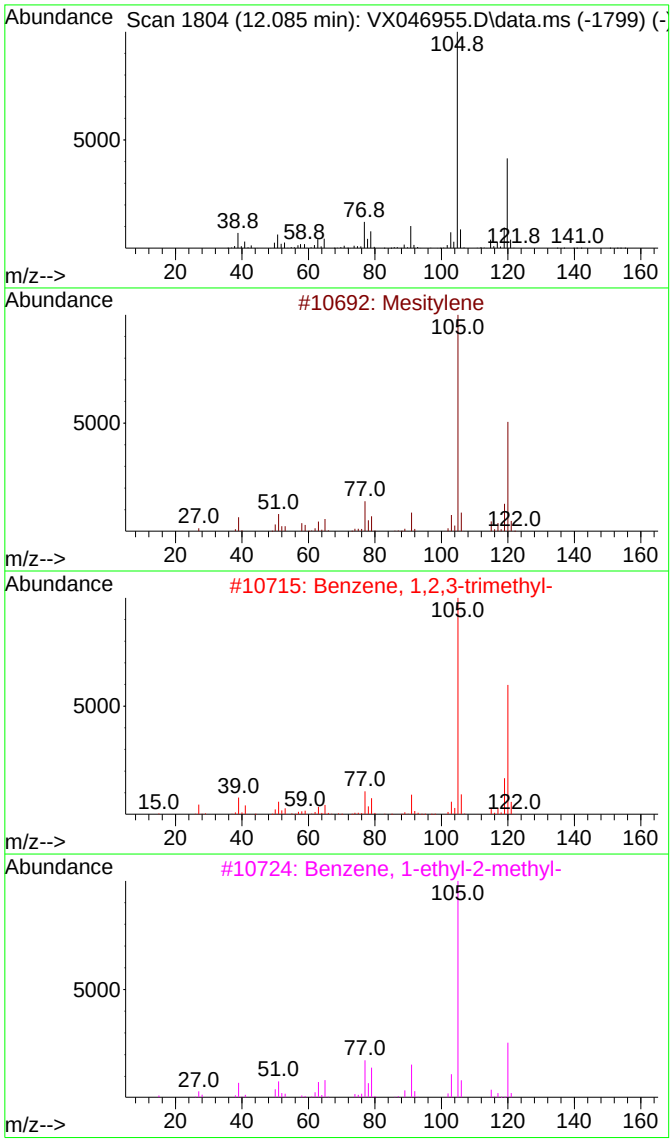
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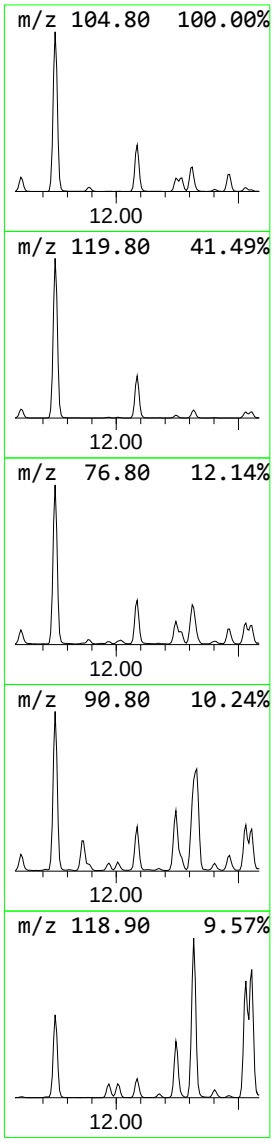
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Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

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





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

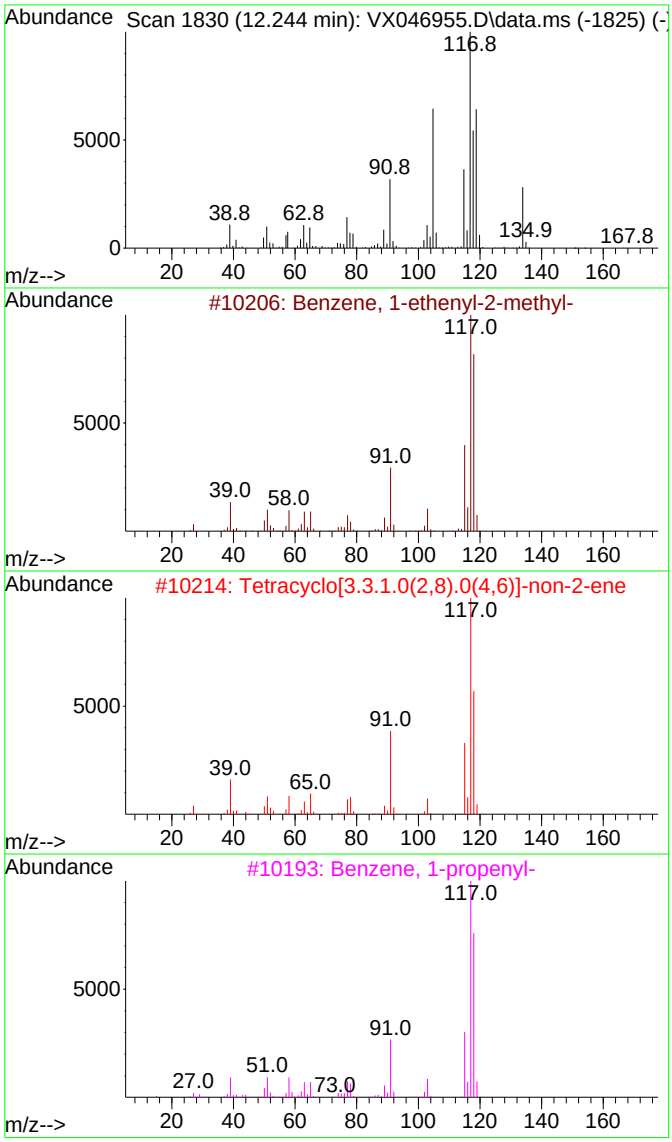
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Quant Title : SW846 8260

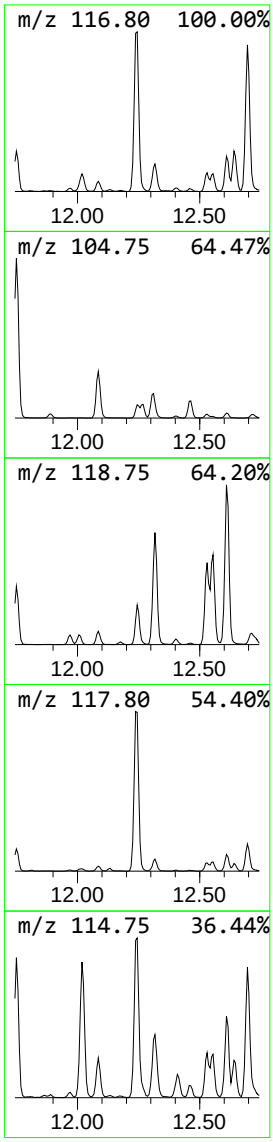
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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

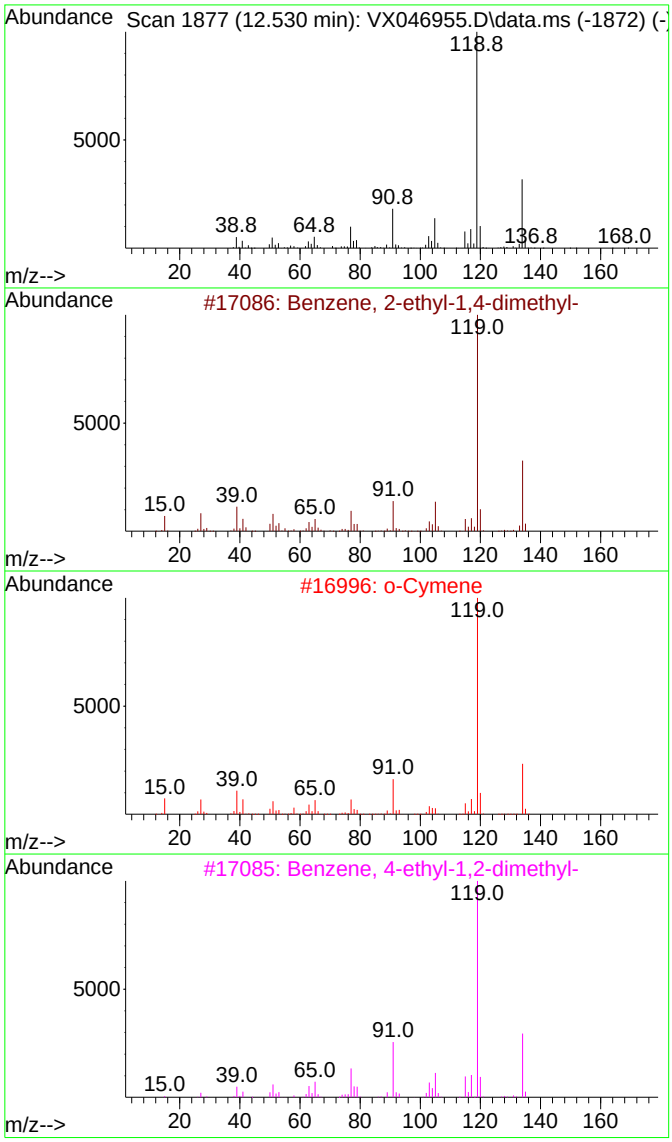
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Quant Title : SW846 8260

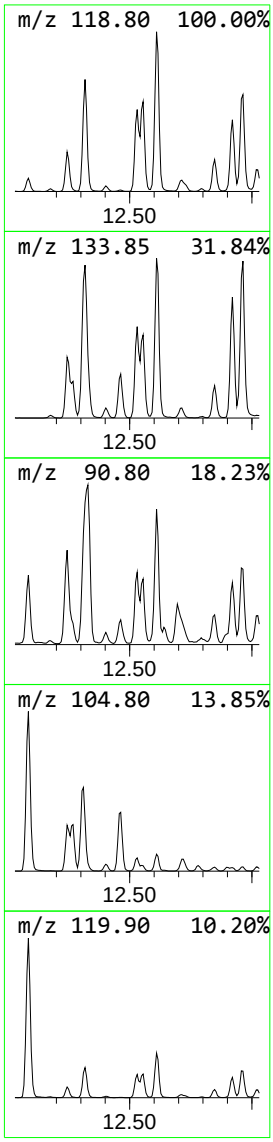
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

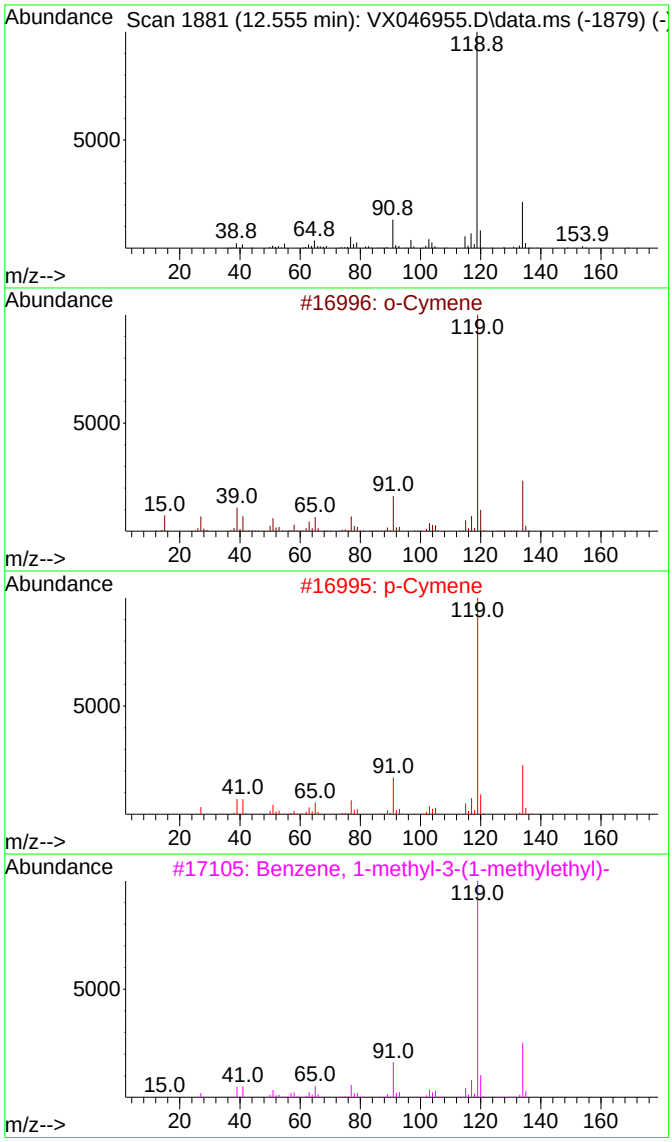
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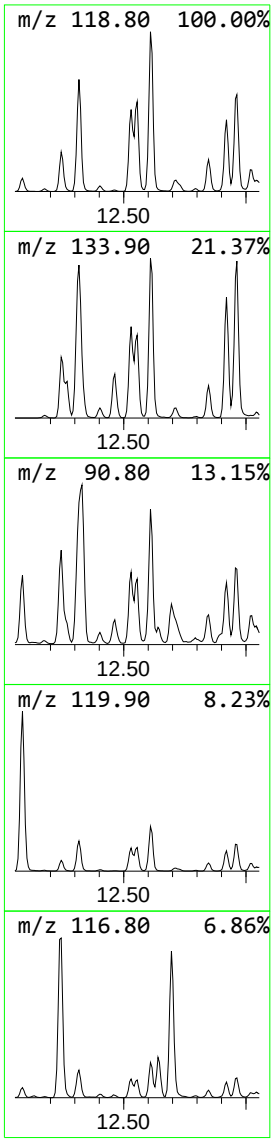
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Peak Number 10 o-Cymene Concentration Rank 14

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

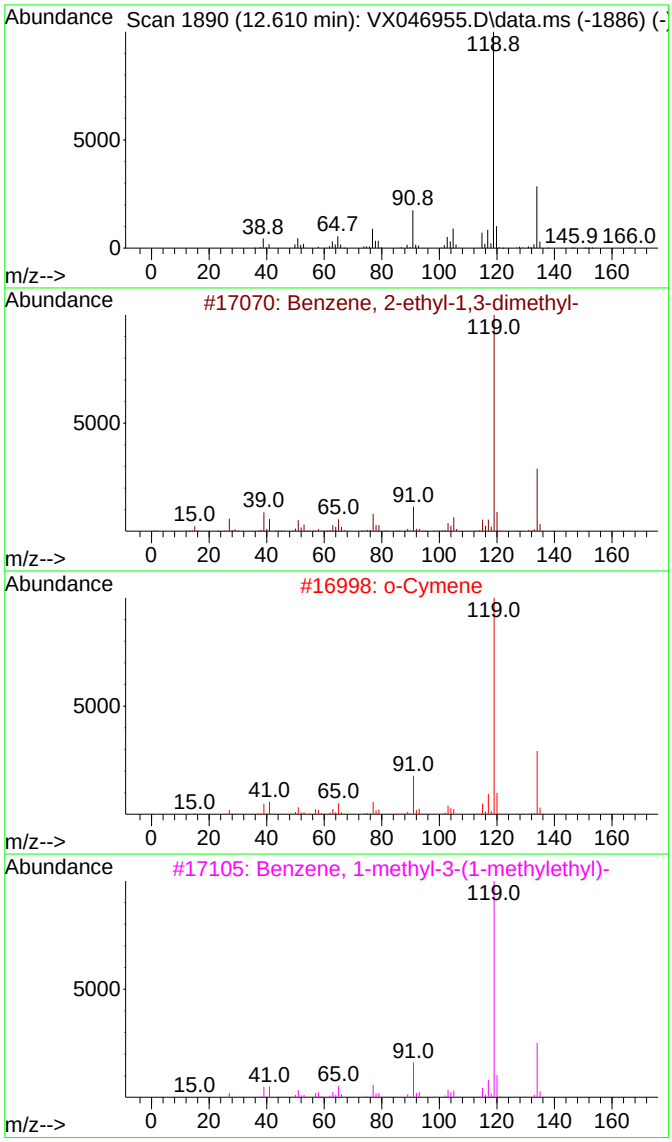
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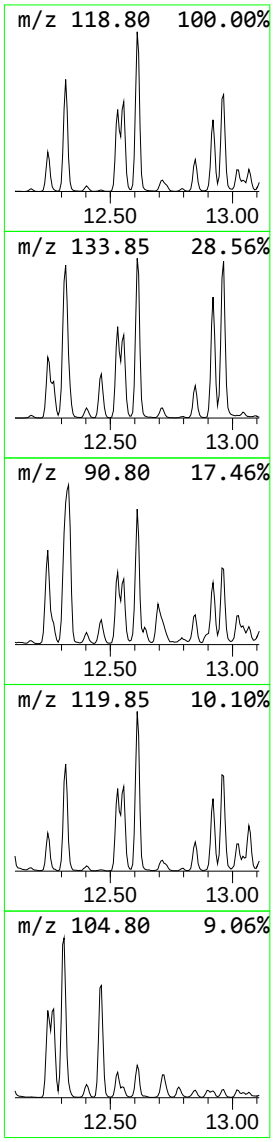
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

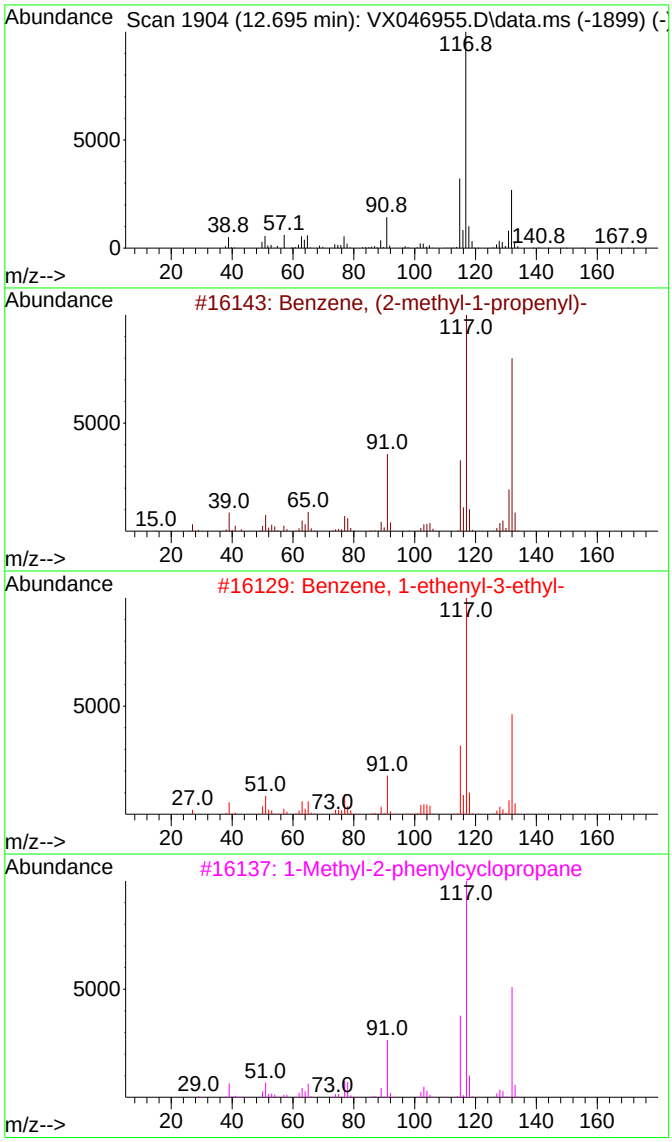
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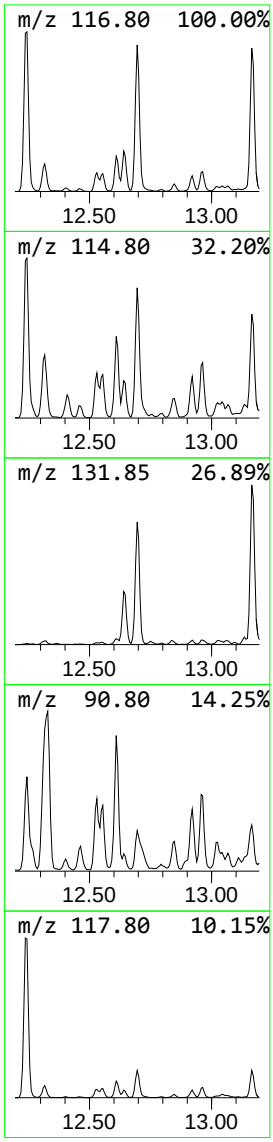
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

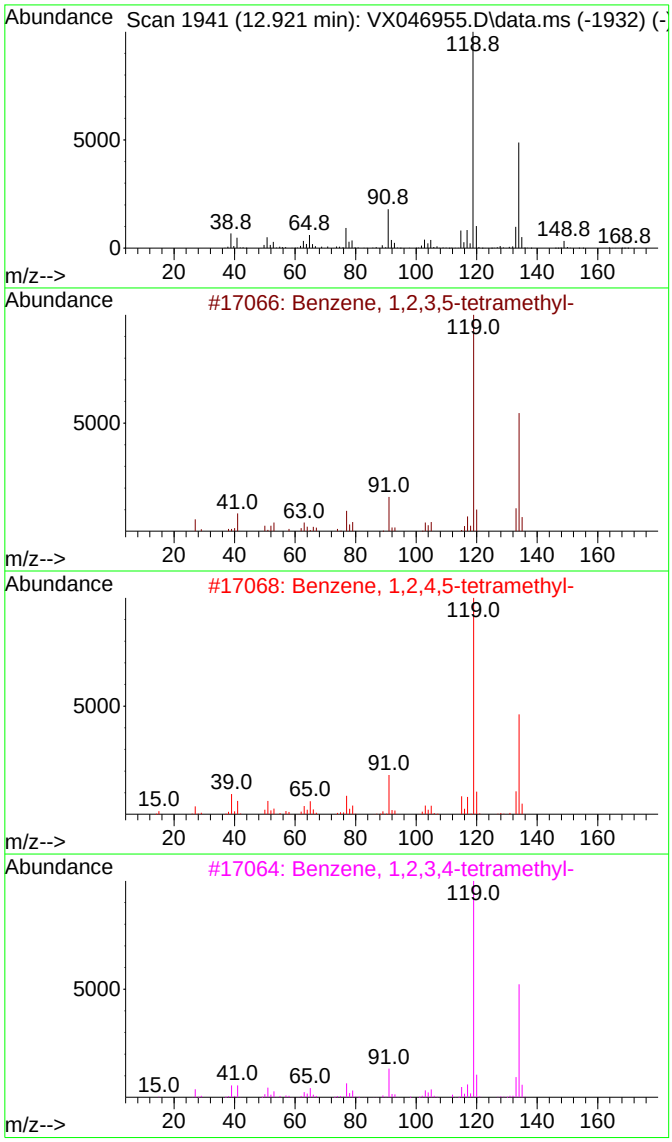
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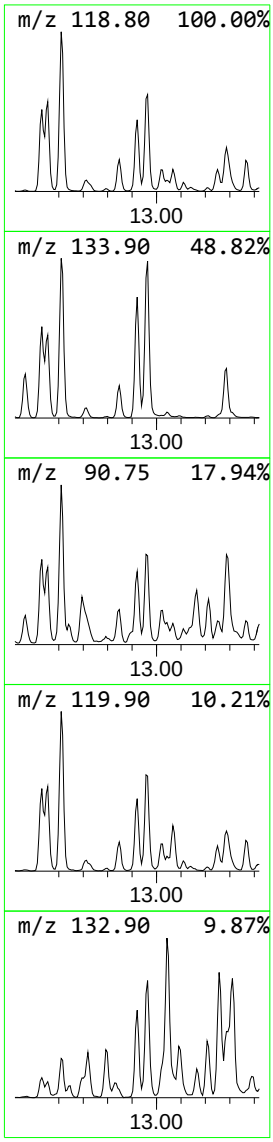
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

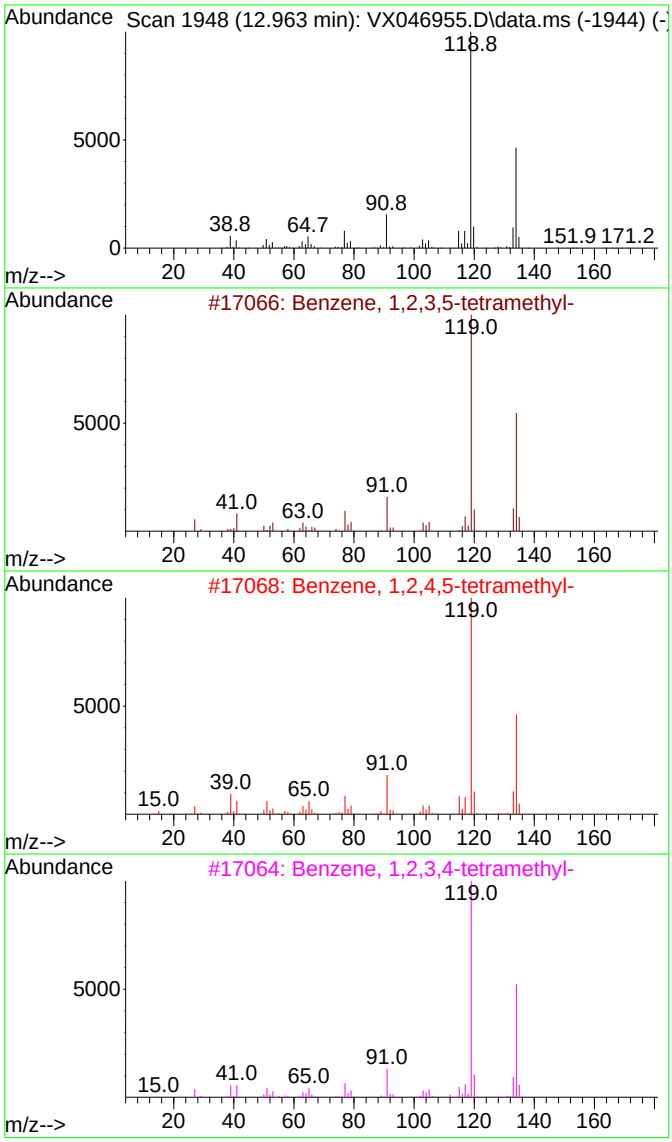
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Quant Title : SW846 8260

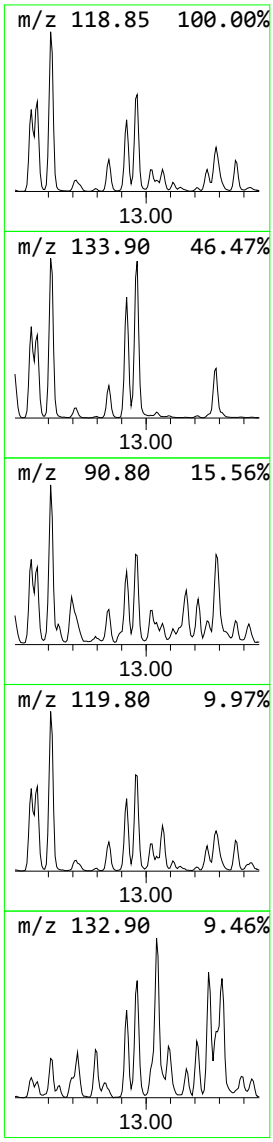
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TIC Integration Parameters: LSCINT.P

****
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

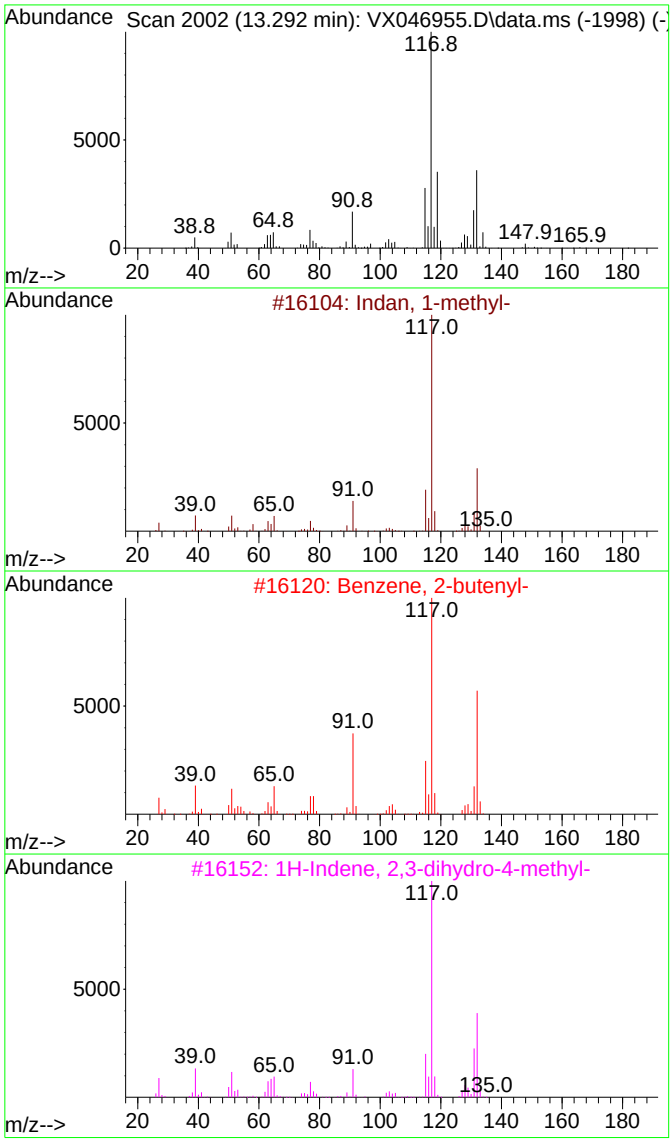
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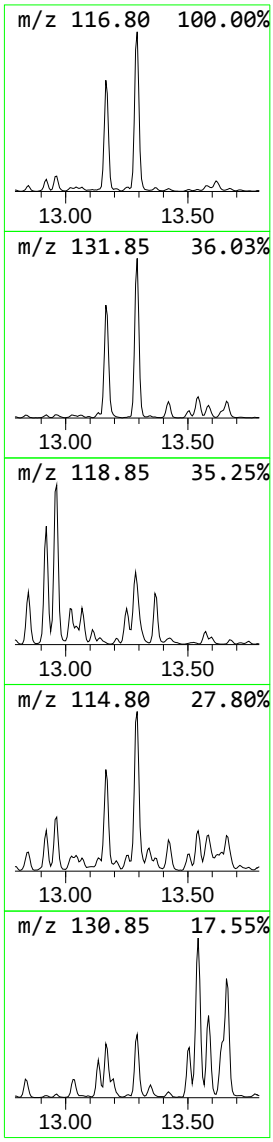
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Peak Number 15 Indan, 1-methyl- Concentration Rank 6

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**

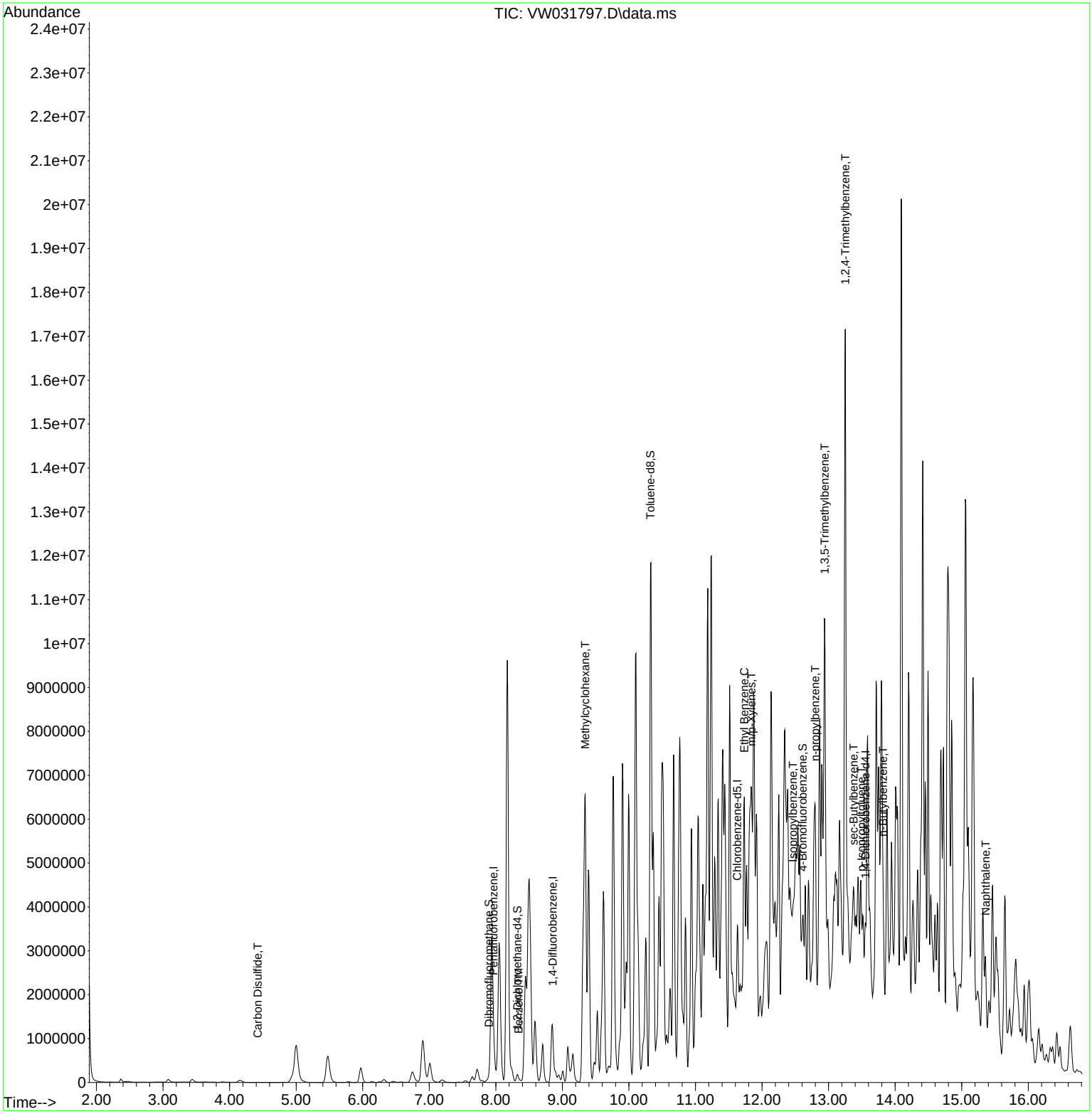
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Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

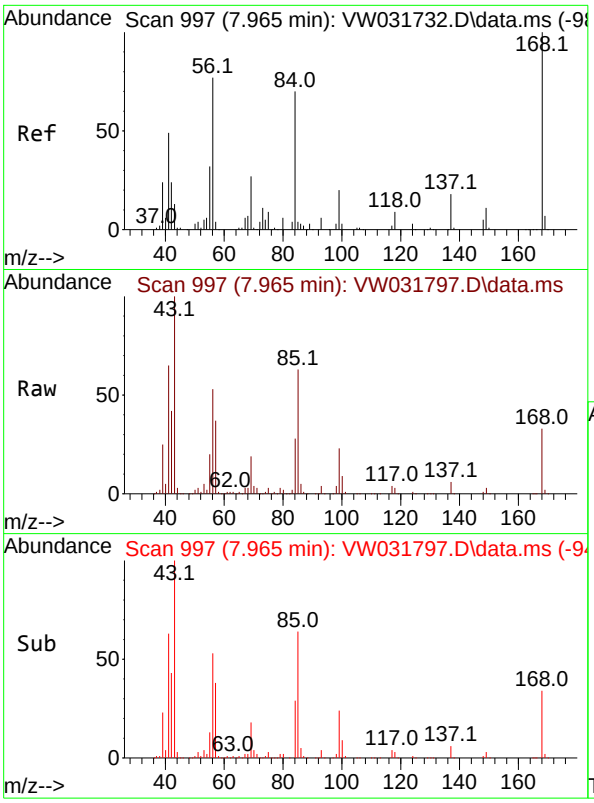
Quant Time: Jul 11 02:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

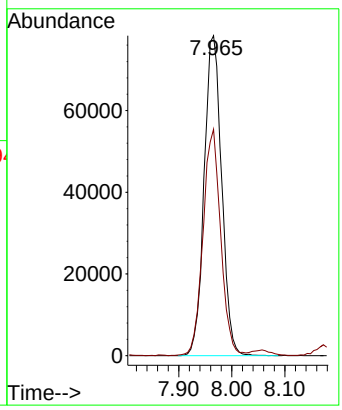
Tgt Ion:168 Resp: 17925

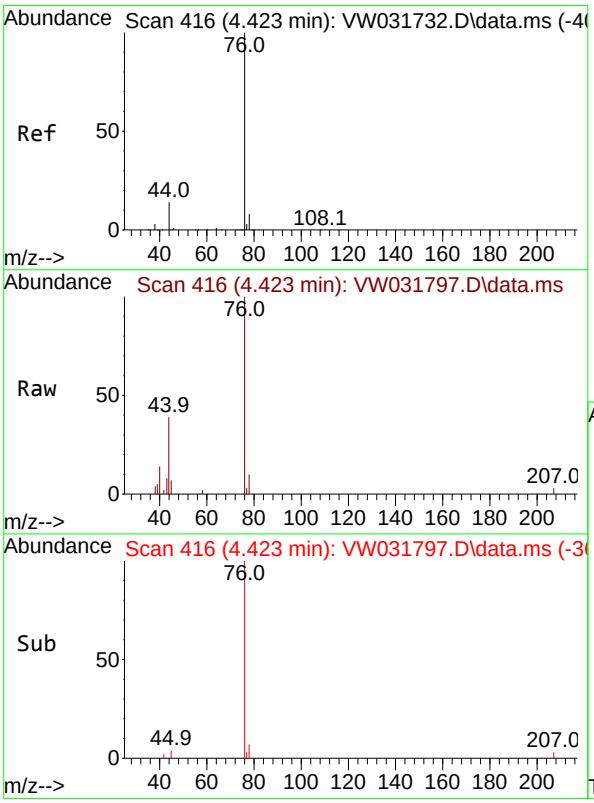
Ion	Ratio	Lower	Upper
168	100		
99	70.5	49.4	74.2

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

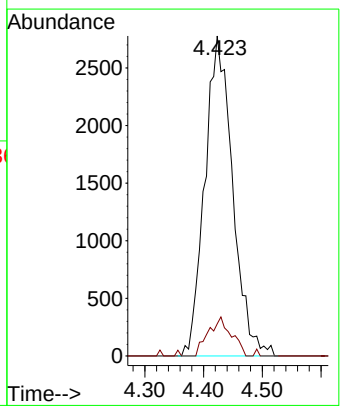


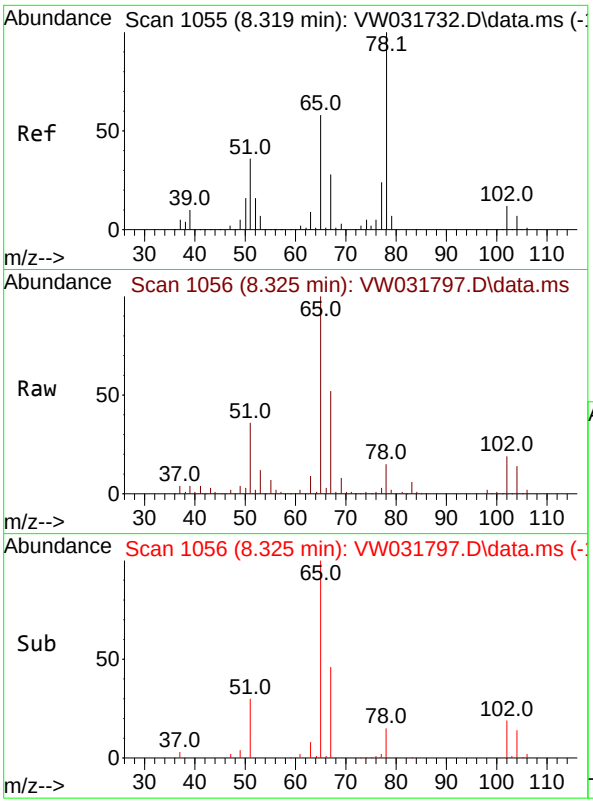


#17
Carbon Disulfide
Concen: 1.599 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

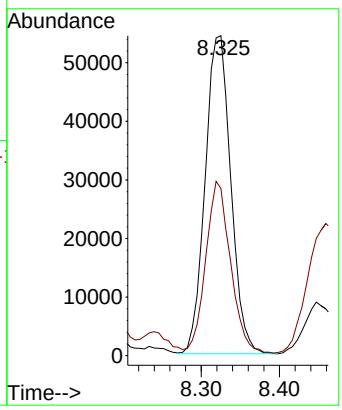
Tgt Ion: 65 Resp: 12367

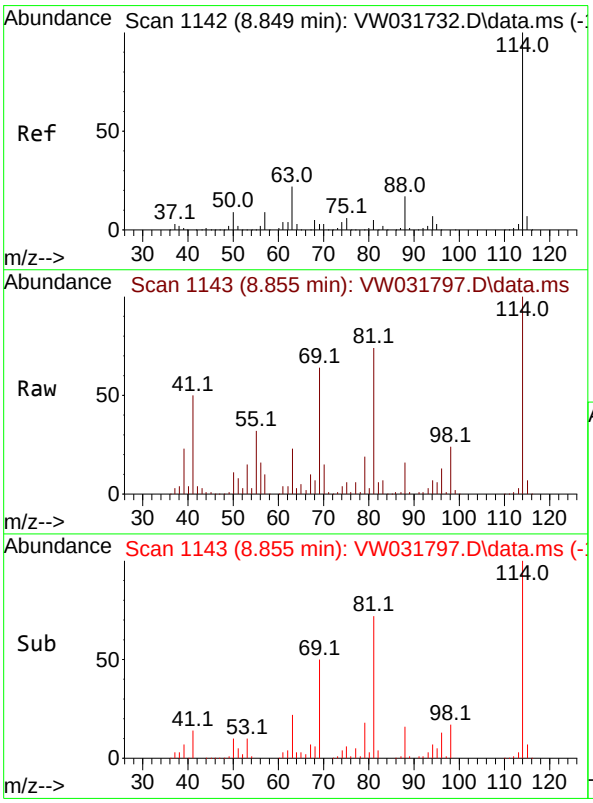
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	99.4

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

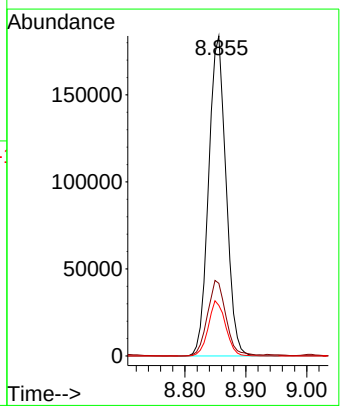


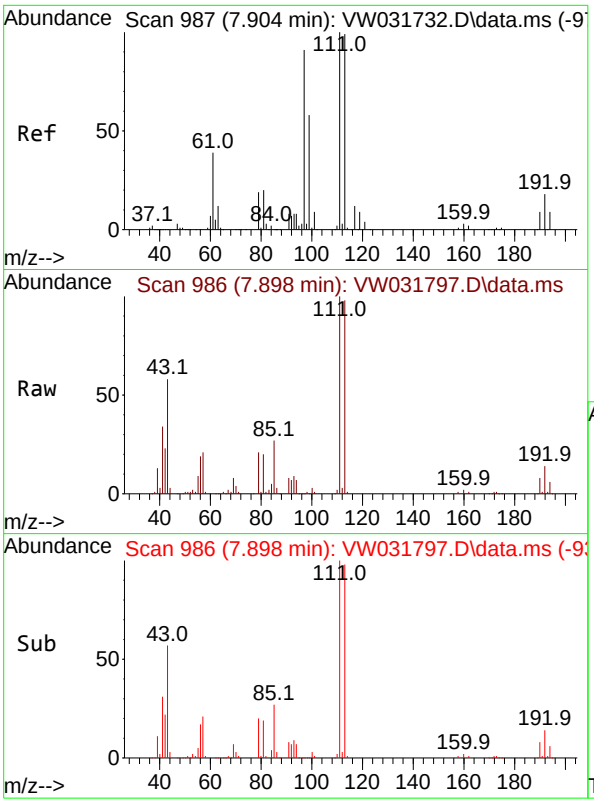


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

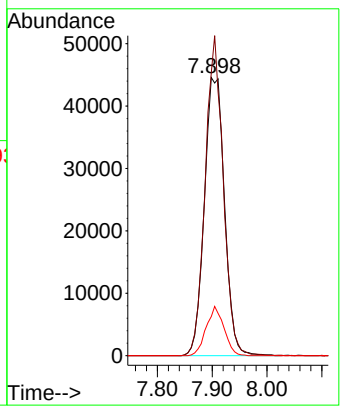




#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:113 Resp: 11397

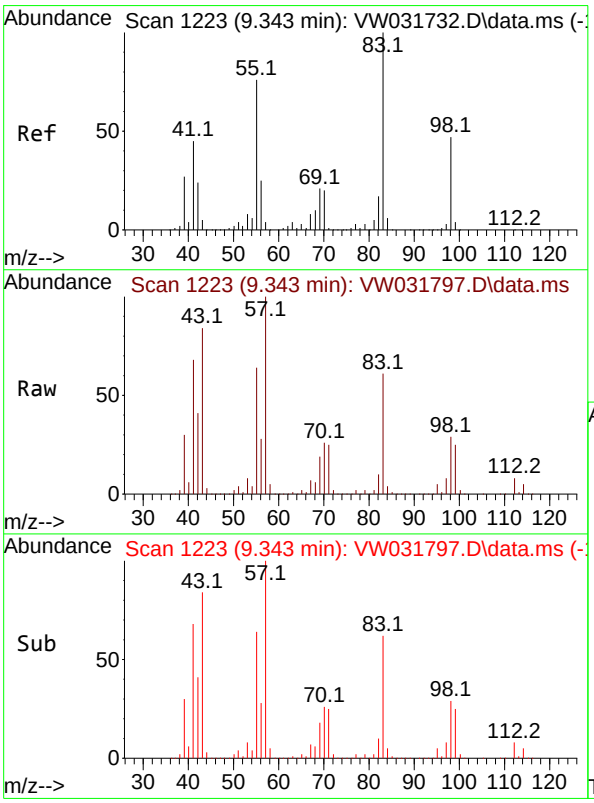
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	15.6	13.8	20.6



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

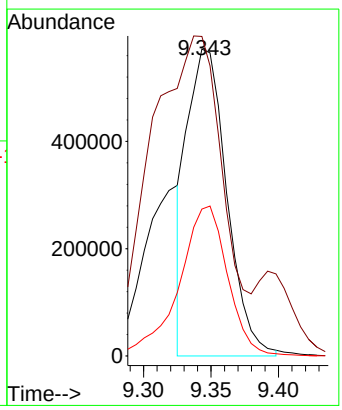
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

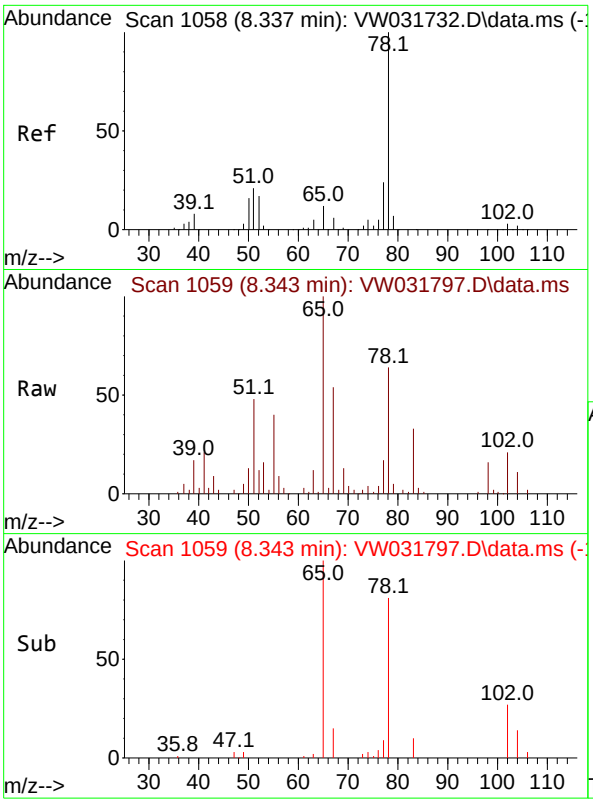


#39
Methylcyclohexane
Concen: 273.667 ug/l m
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

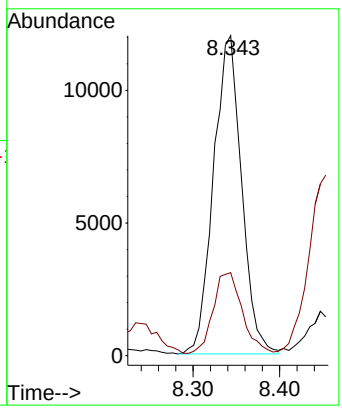




#40
Benzene
Concen: 2.656 ug/l
RT: 8.343 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 78 Resp: 2699(

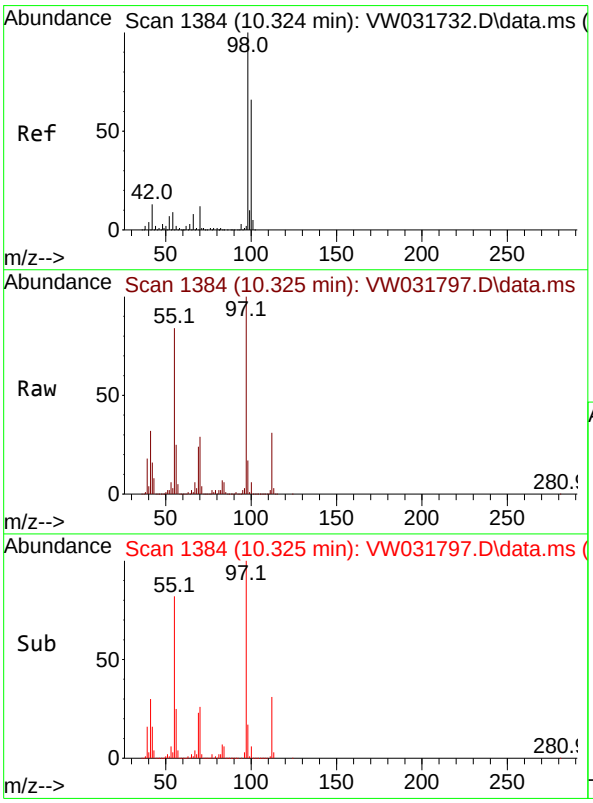
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

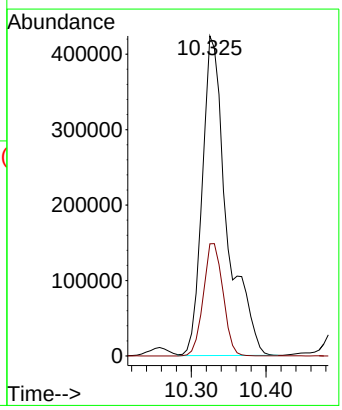
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

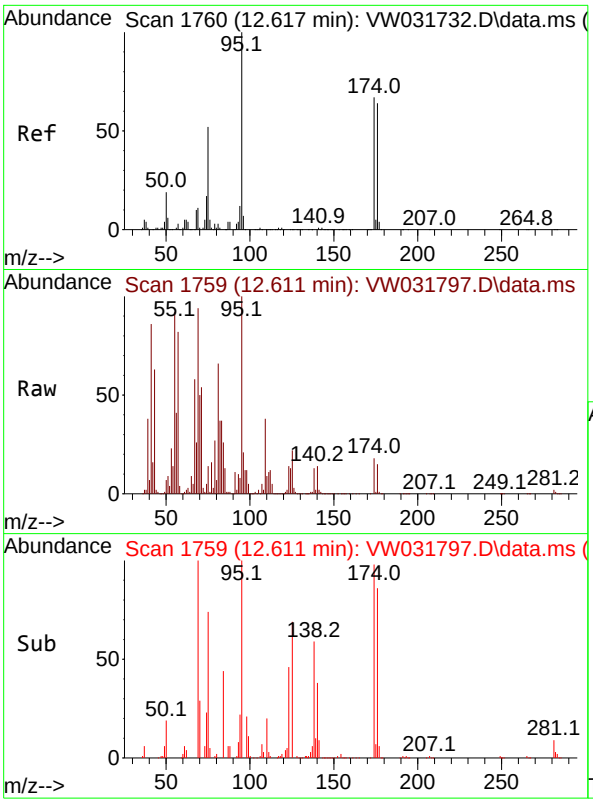


#50
Toluene-d8
Concen: 109.336 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 98 Resp: 966069

Ion	Ratio	Lower	Upper
98	100		
100	28.2	53.0	79.4#

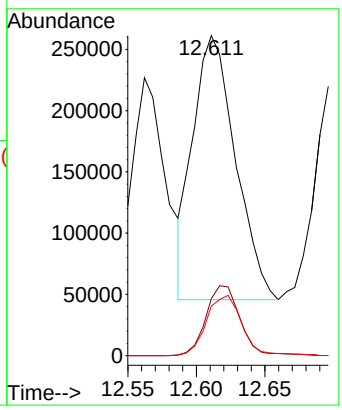




#62
4-Bromofluorobenzene
Concen: 143.098 ug/l
RT: 12.611 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 95 Resp: 46529

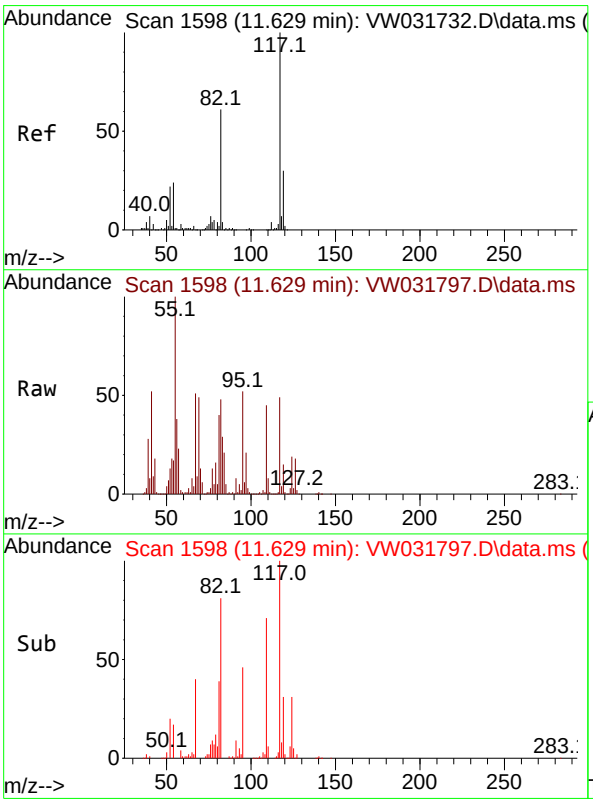
Ion	Ratio	Lower	Upper
95	100		
174	21.5	0.0	133.8
176	19.1	0.0	126.0



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

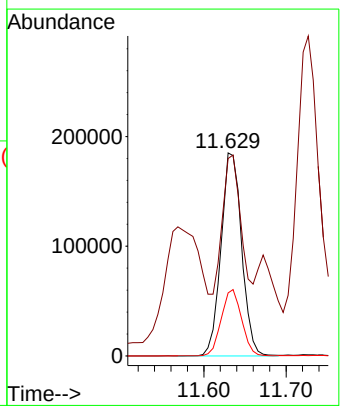
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

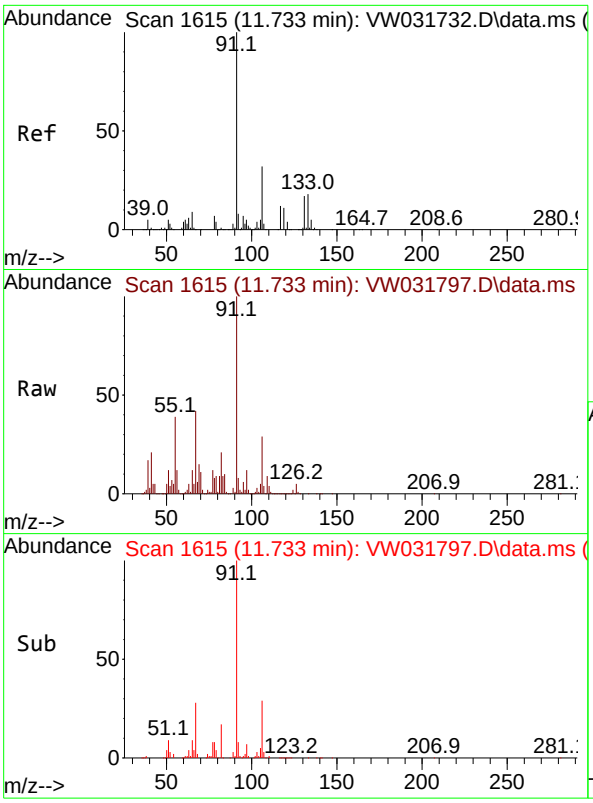


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

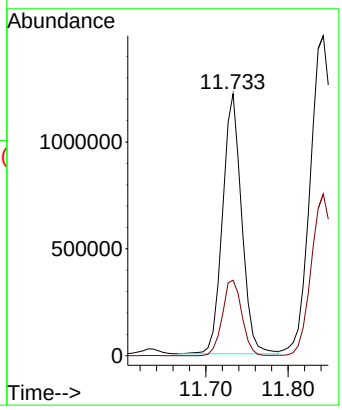




#67
Ethyl Benzene
Concen: 158.820 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 91 Resp: 195999

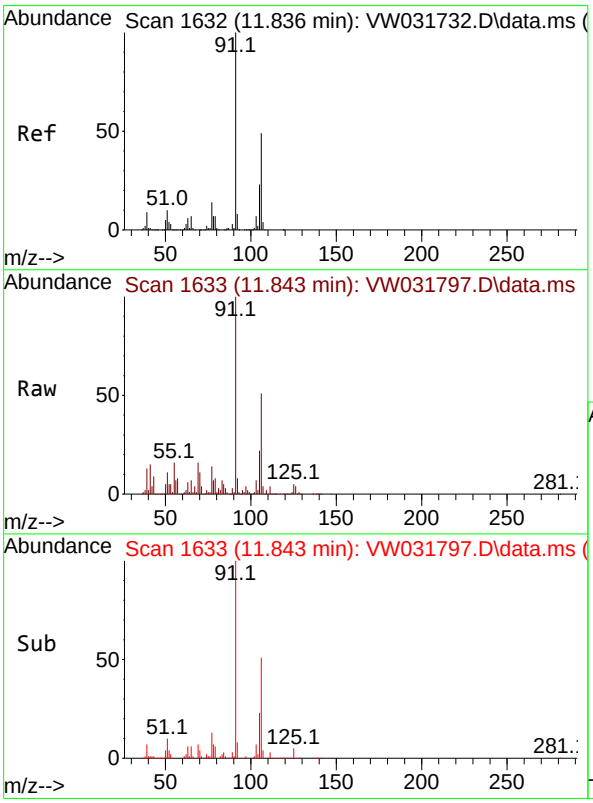
Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.4	38.2



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

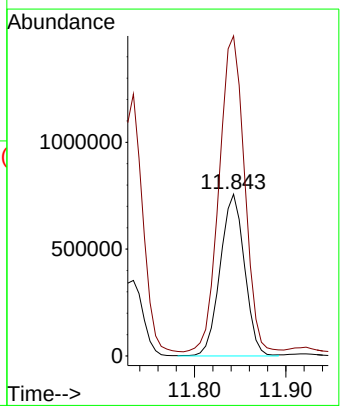
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

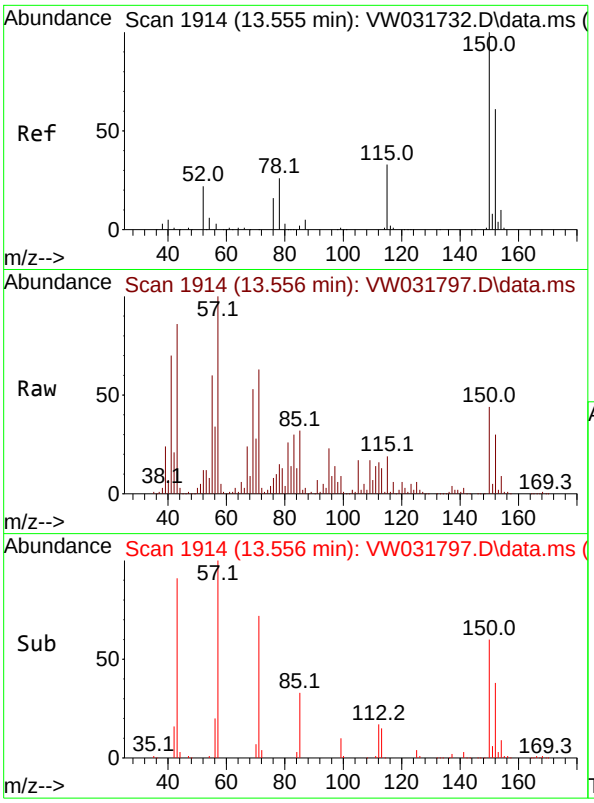


#68
m/p-Xylenes
Concen: 295.347 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:106 Resp: 1401145

Ion	Ratio	Lower	Upper
106	100		
91	207.4	166.4	249.6

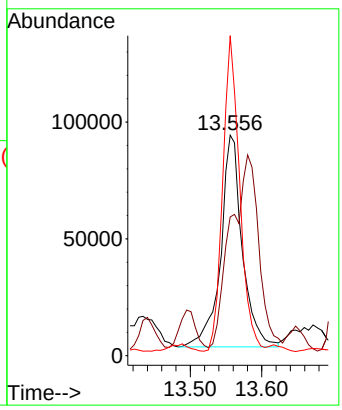




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:152 Resp: 19001

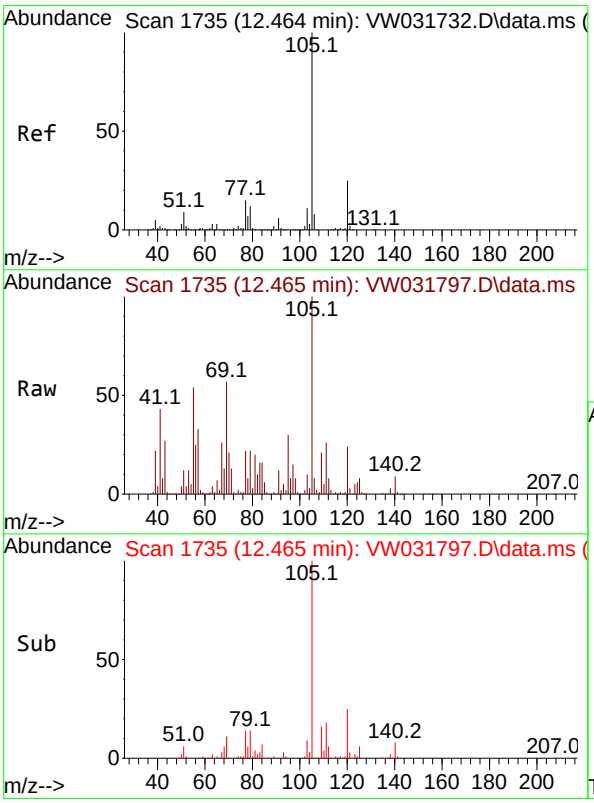
Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.9	95.7
150	116.7	0.0	356.4



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

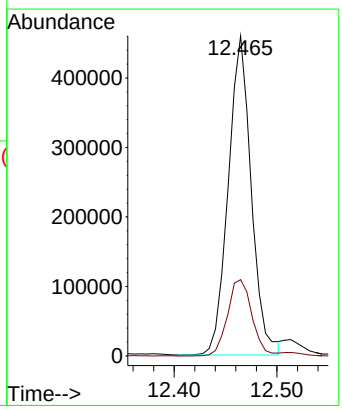
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

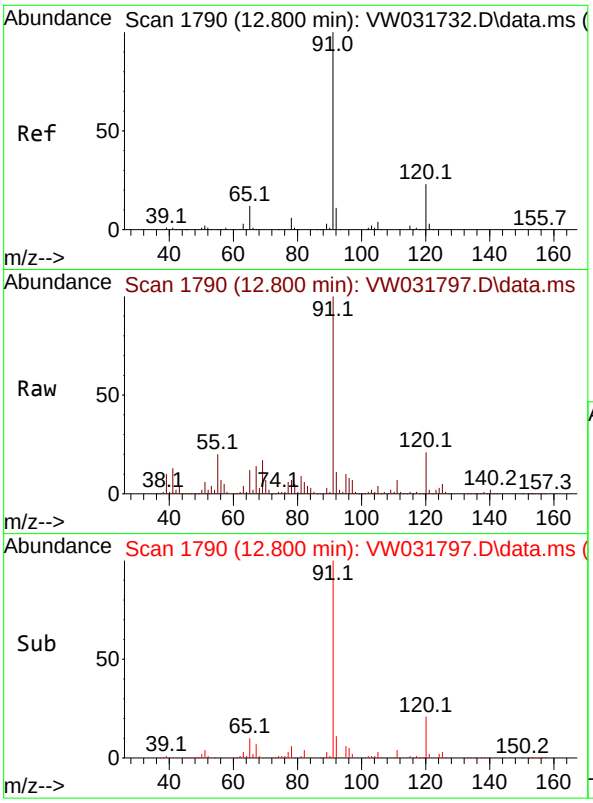


#73
Isopropylbenzene
Concen: 49.488 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 715293

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

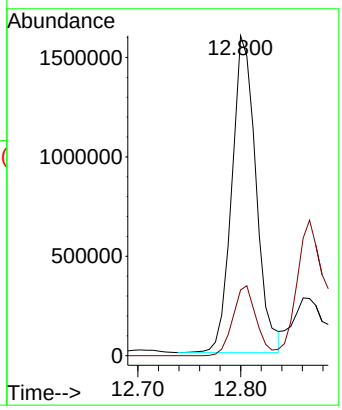




#78
n-propylbenzene
Concen: 150.581 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion: 91 Resp: 260627

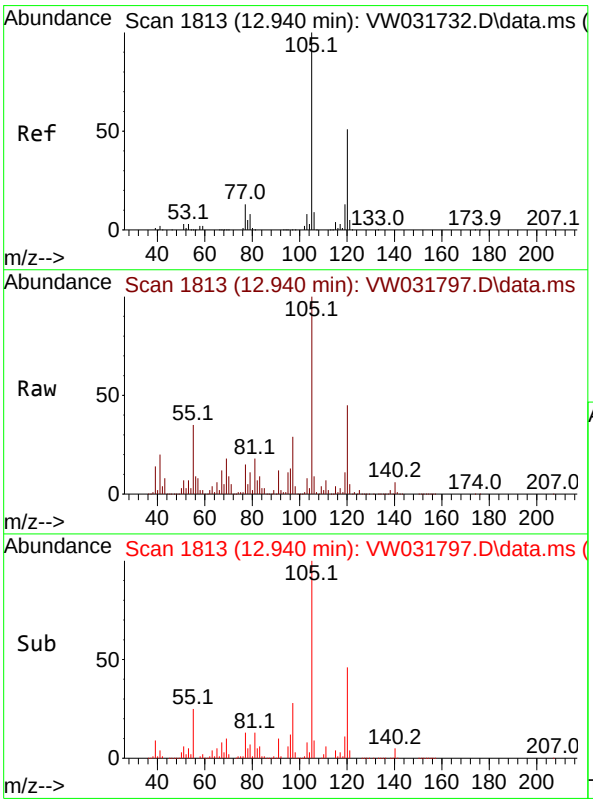
Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.5	34.4



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

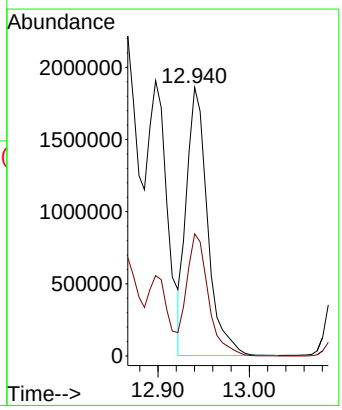
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

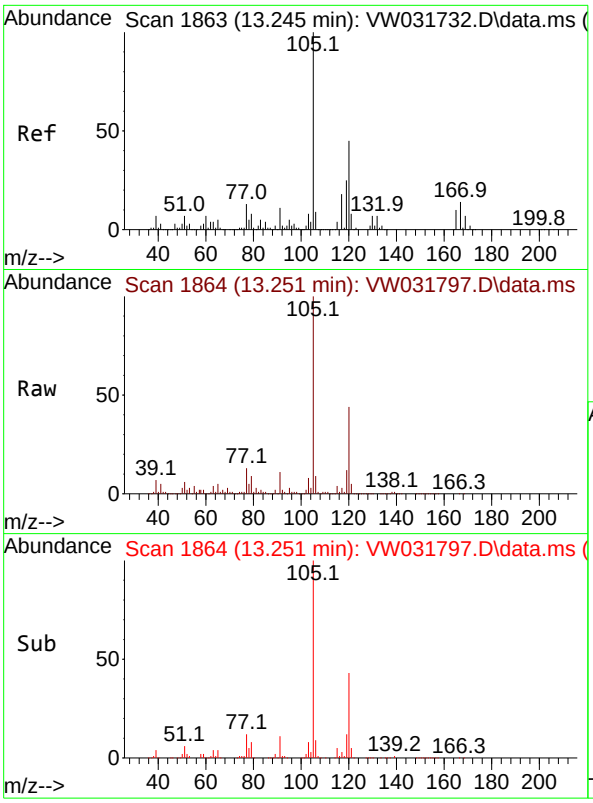


#80
1,3,5-Trimethylbenzene
Concen: 249.155 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 2980928

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.8	71.2

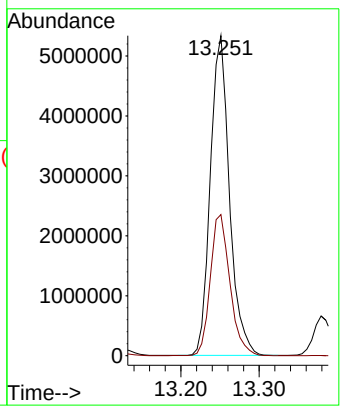




#84
1,2,4-Trimethylbenzene
Concen: 745.313 ug/l
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

Tgt Ion:105 Resp: 903485

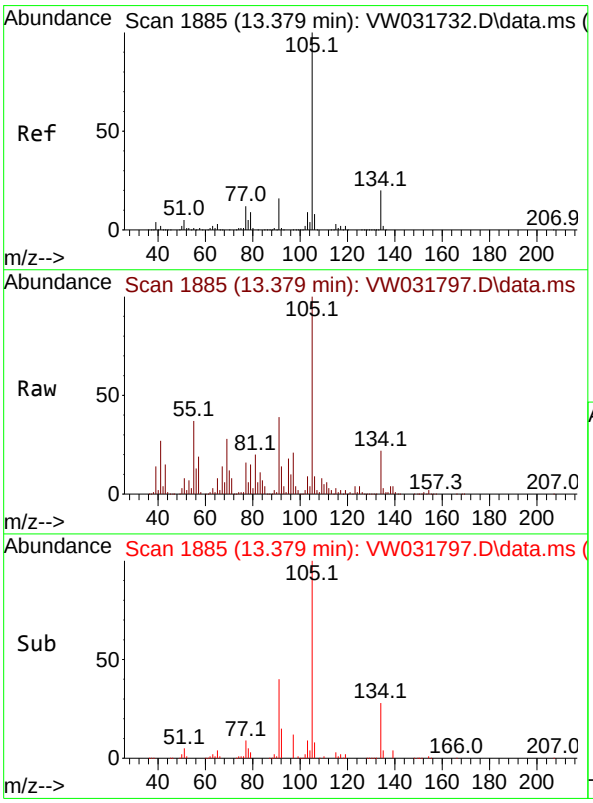
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

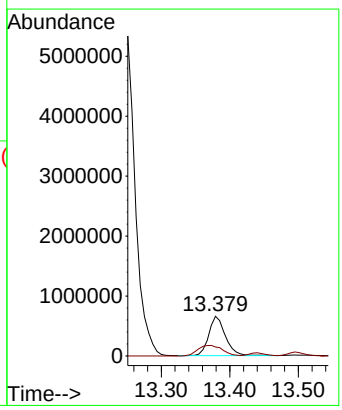
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

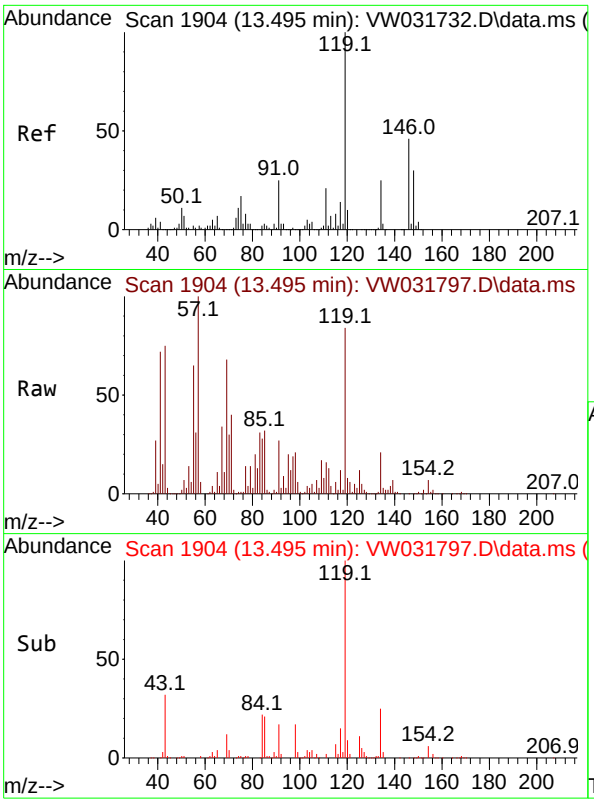


#85
sec-Butylbenzene
Concen: 71.865 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

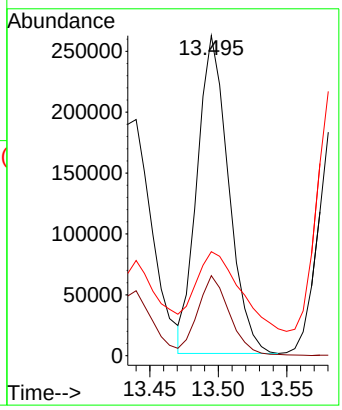
Tgt Ion:119 Resp: 41660

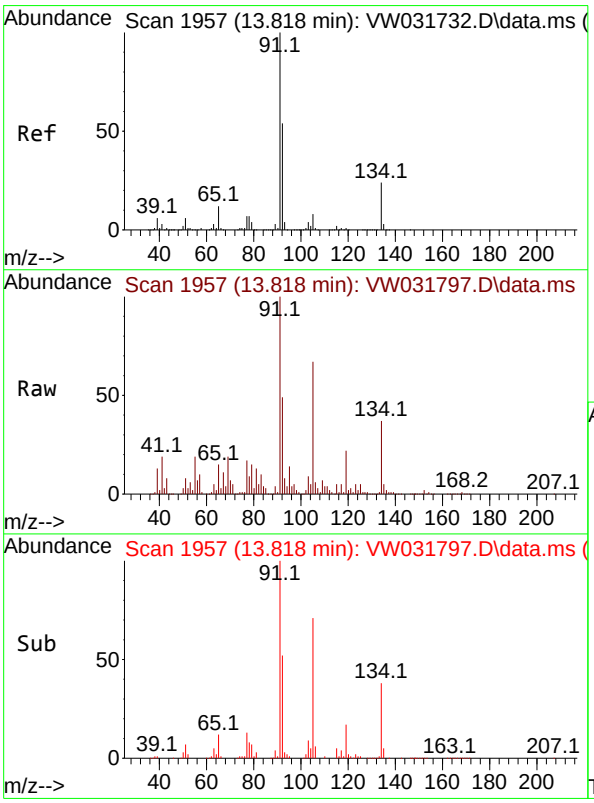
Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	34.9	12.7	38.0

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

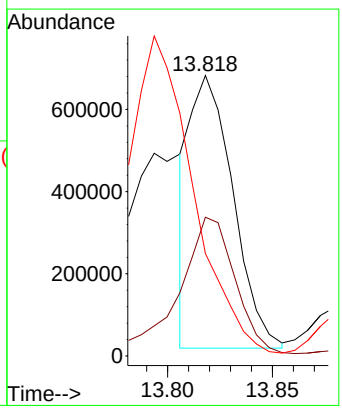


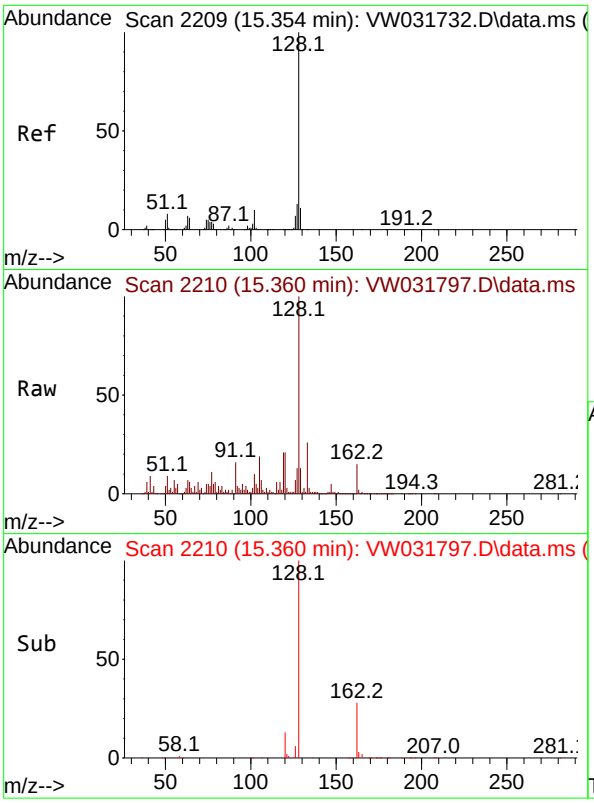


#89
n-Butylbenzene
Concen: 77.005 ug/l m
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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#

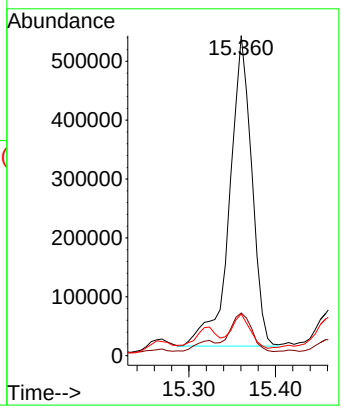




#95
Naphthalene
Concen: 105.146 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW031797.D
Acq: 10 Jul 2025 13:03

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

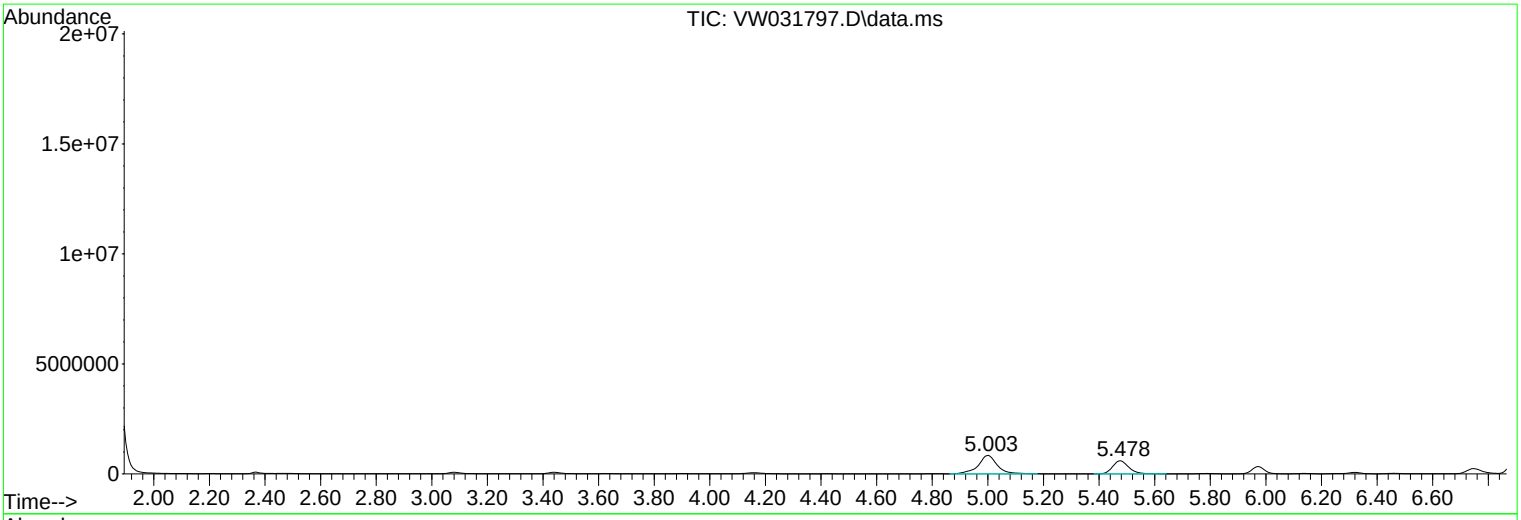
Sample Results: **VW031797.D**

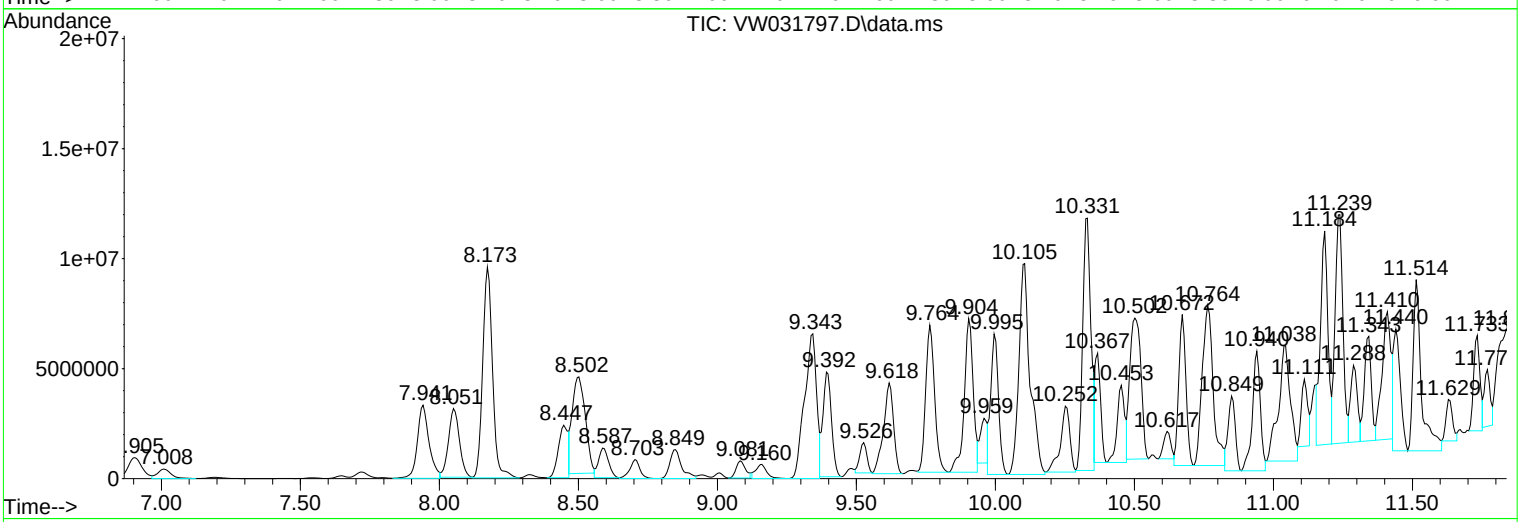
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031797.D
Acq On : 10 Jul 2025 13:03
Operator : SY/MD
Sample : Q2480-06
Misc : 5.51g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

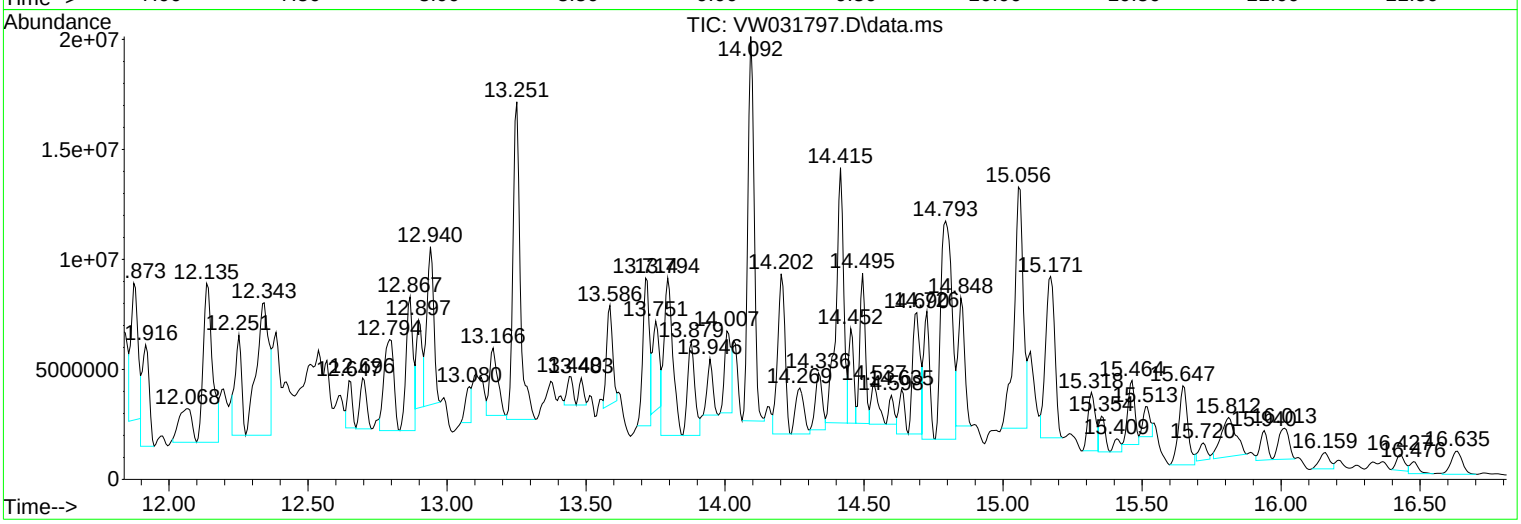
Instrument :
MSVOA_W
ClientSampleId :
GPX6

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

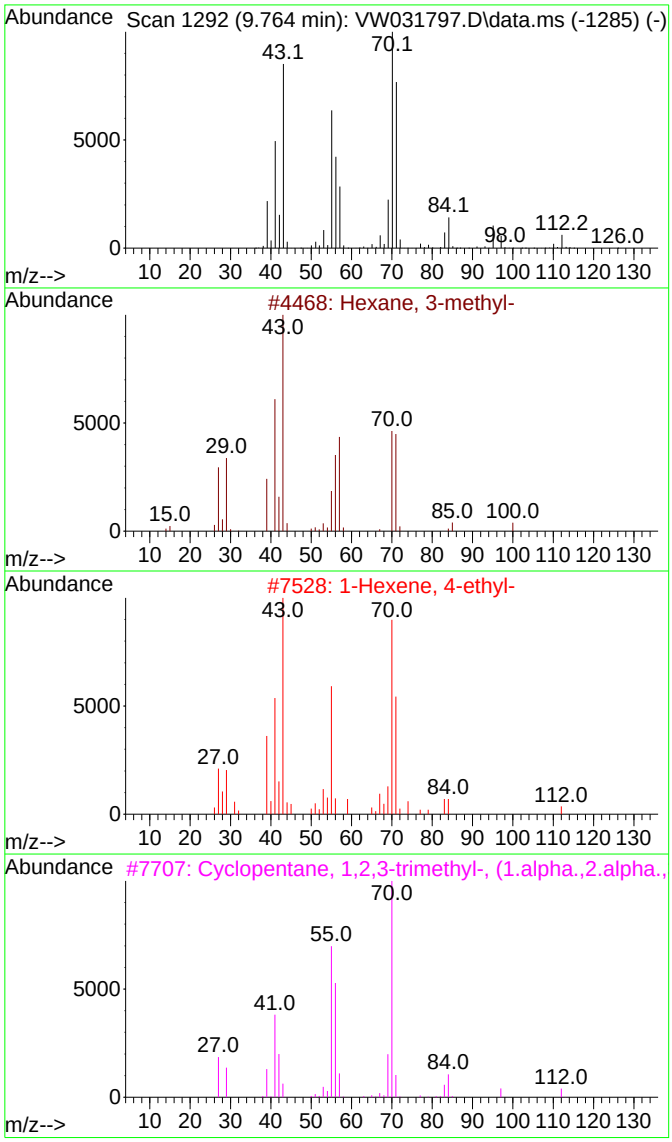
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TIC Integration Parameters: LSCINT.P

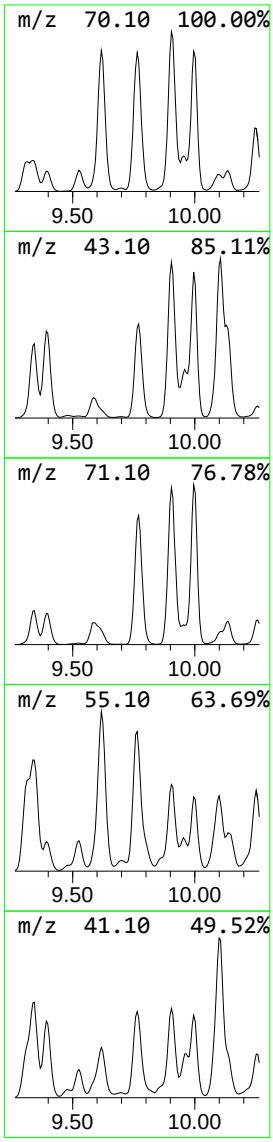
****

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

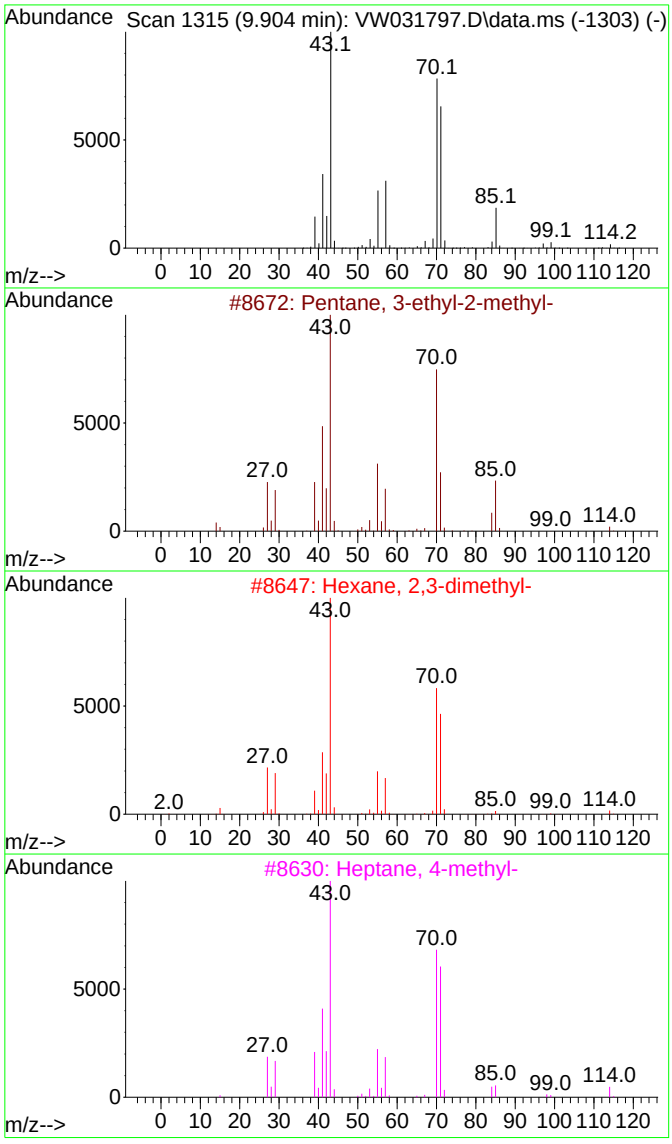
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

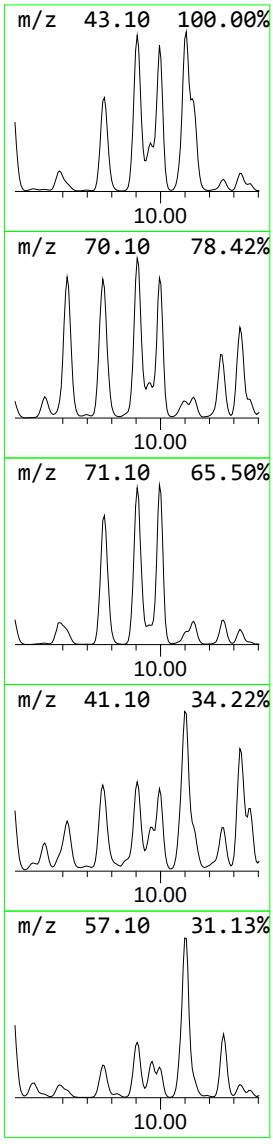
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

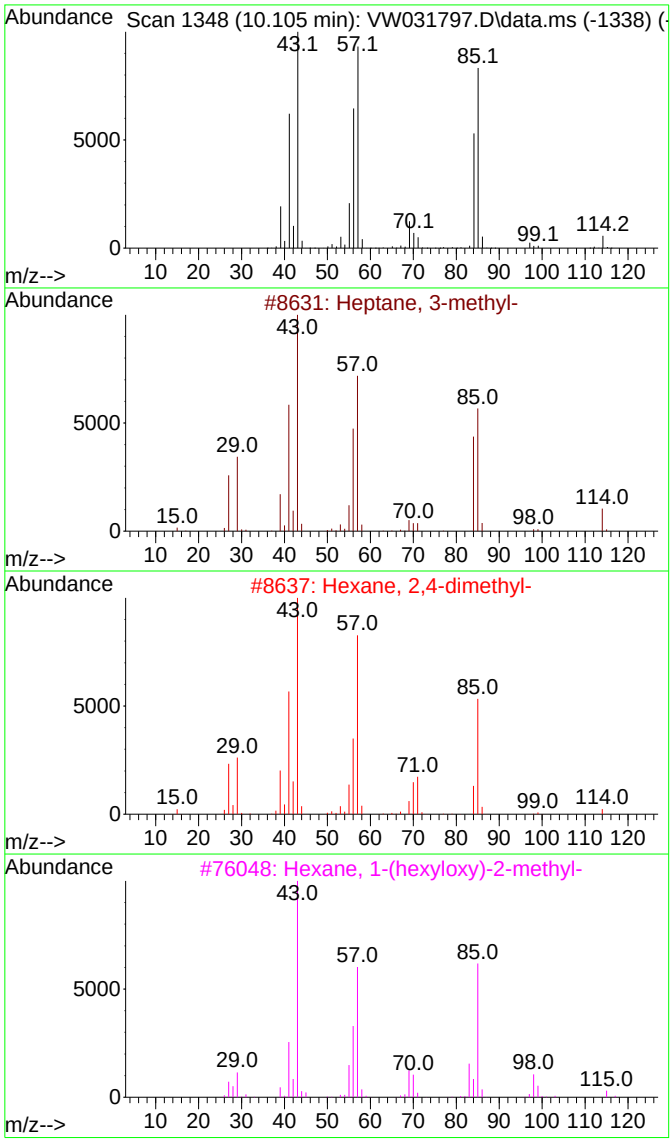
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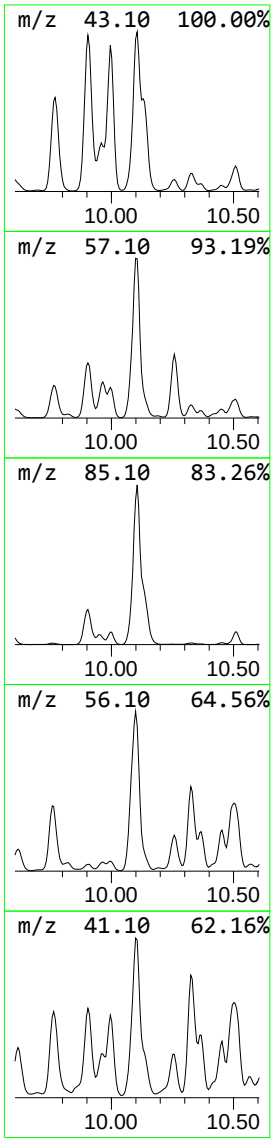
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Peak Number 3 Heptane, 3-methyl- Concentration Rank 1

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





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 :
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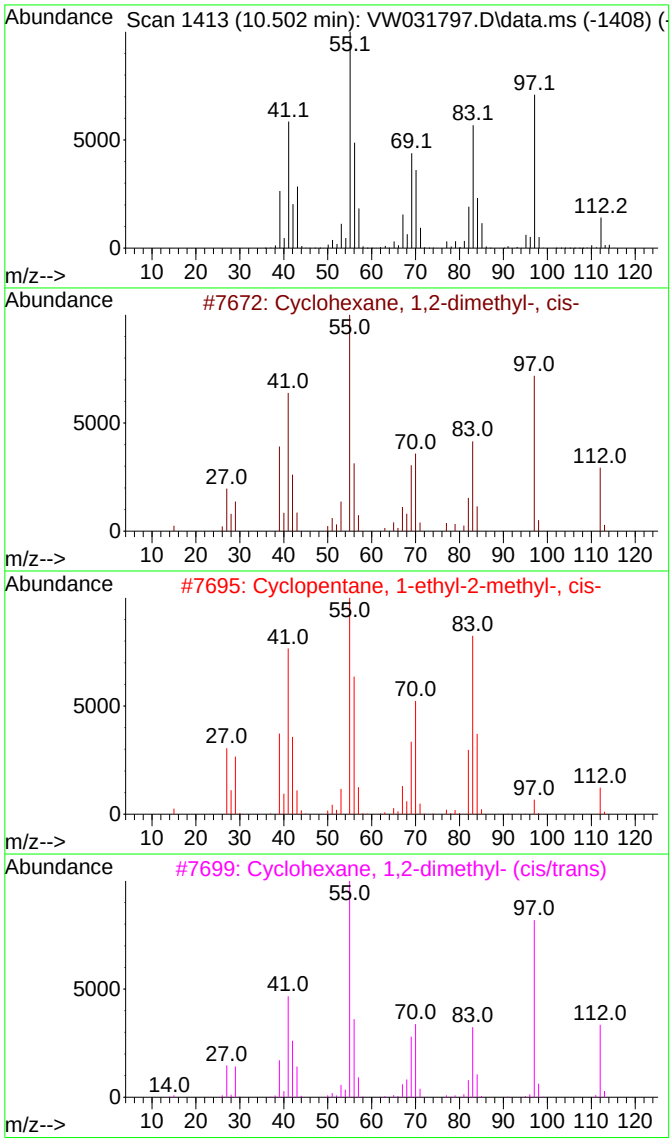
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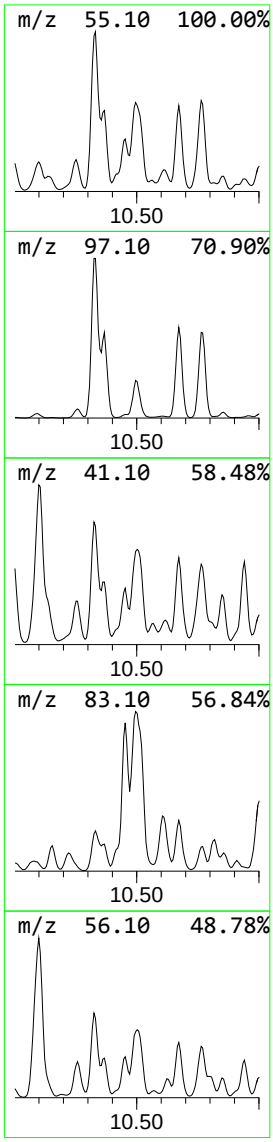
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Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

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





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 :
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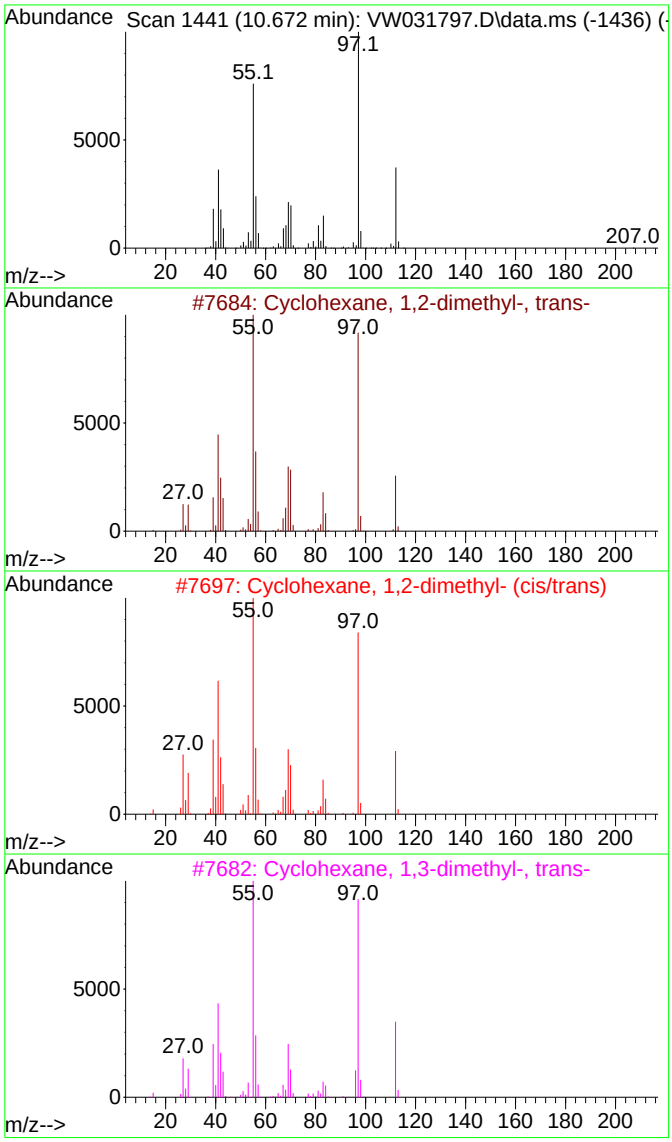
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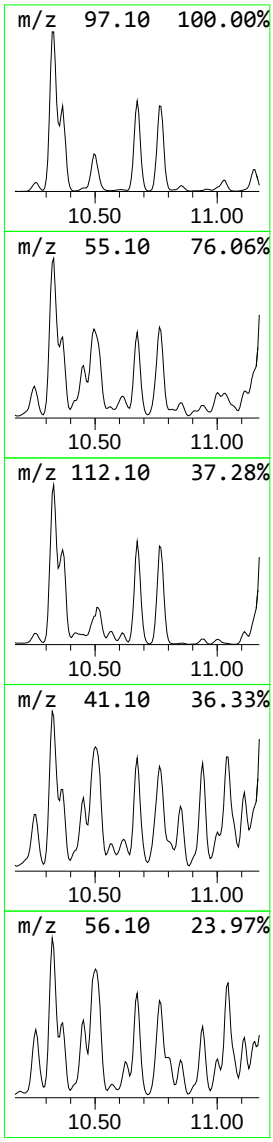
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Peak Number 5 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 14

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





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 :
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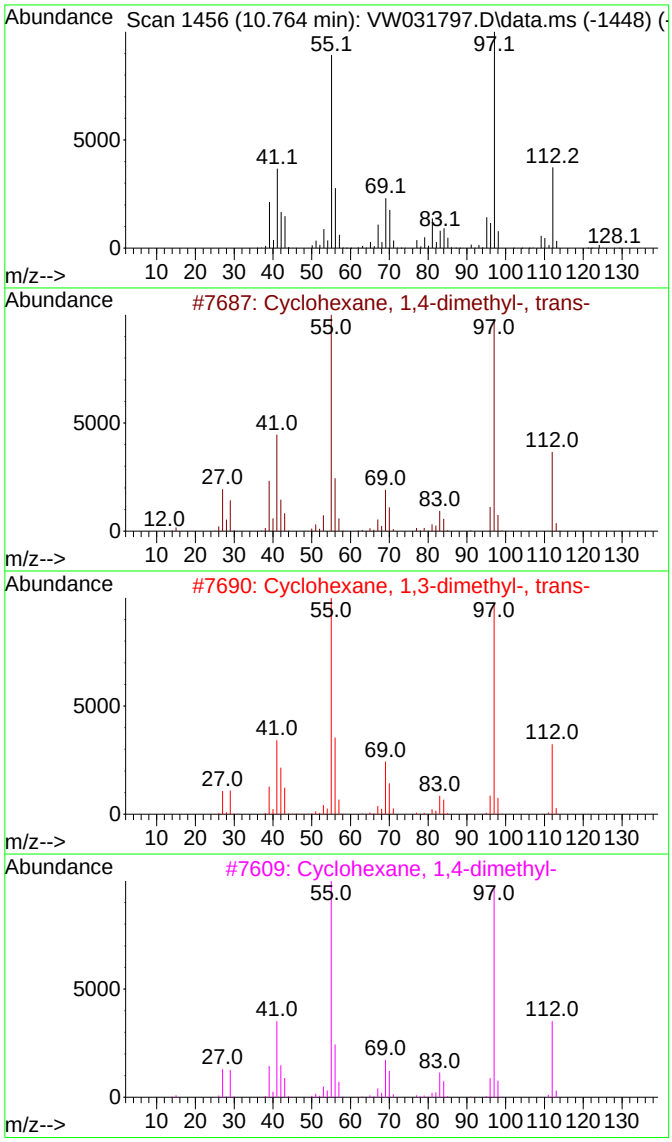
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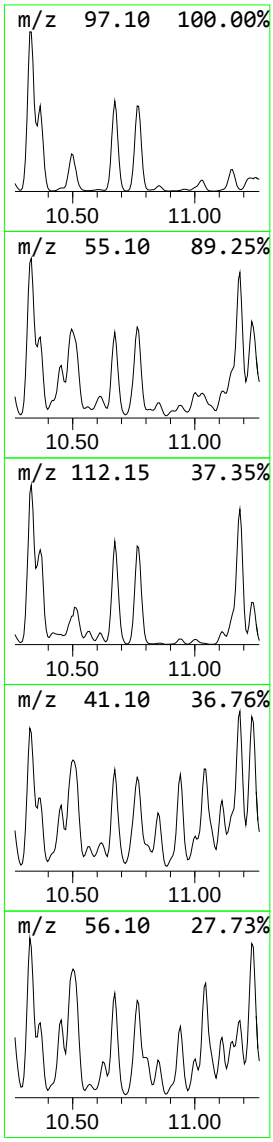
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TIC Integration Parameters: LSCINT.P

****
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





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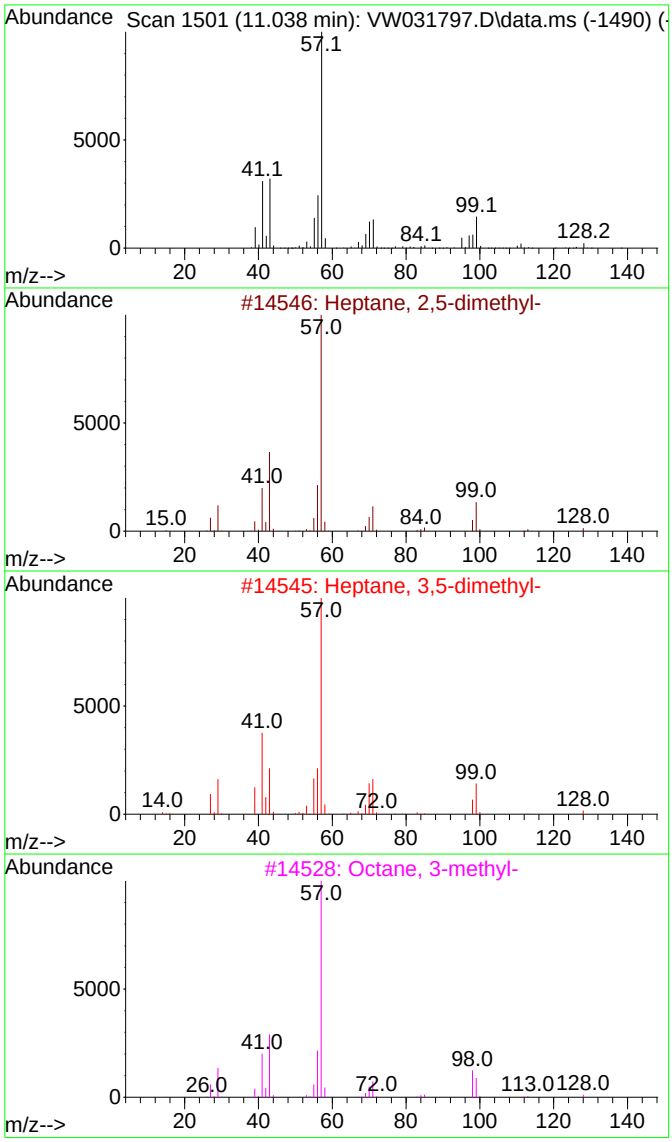
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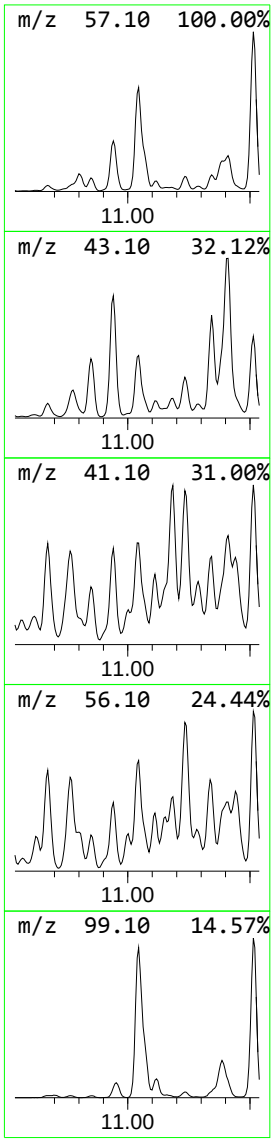
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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 :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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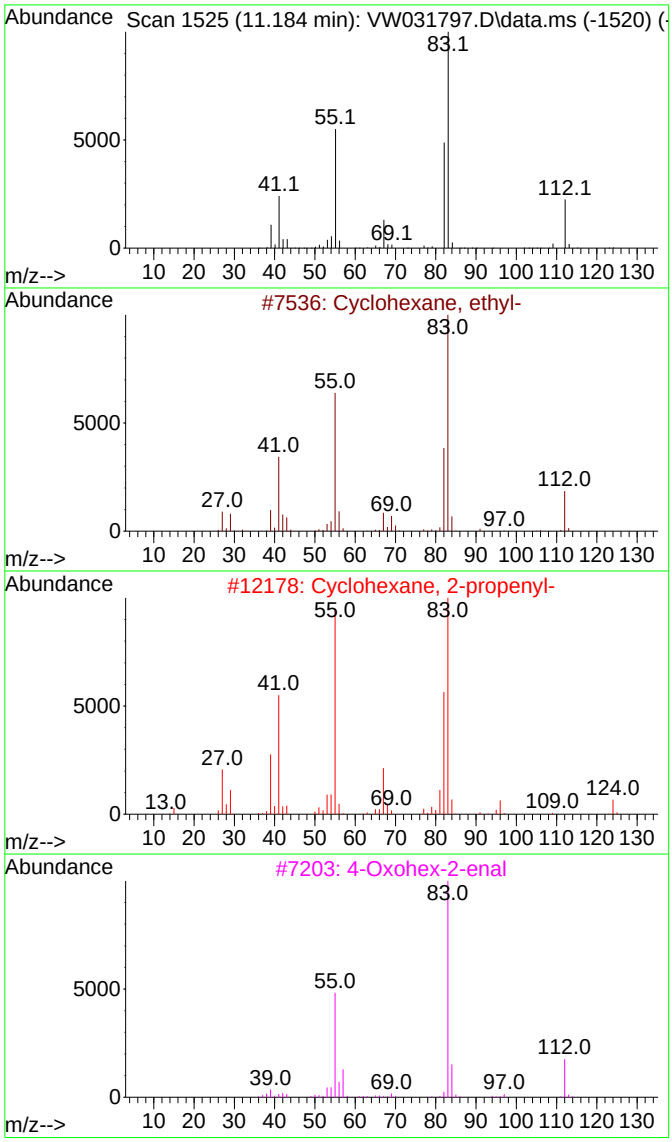
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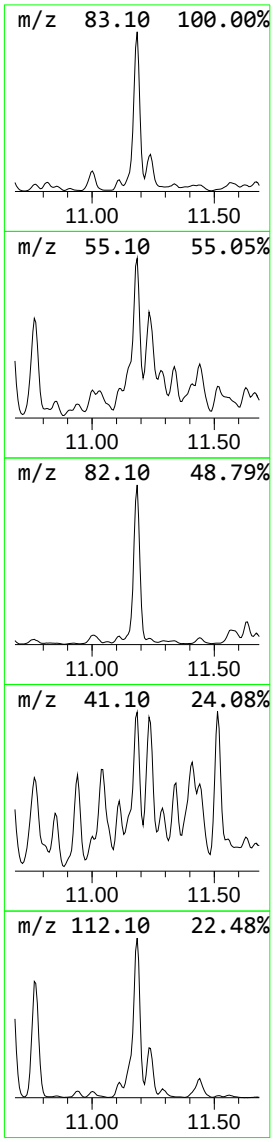
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Peak Number 8 Cyclohexane, ethyl- Concentration Rank 5

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





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 :
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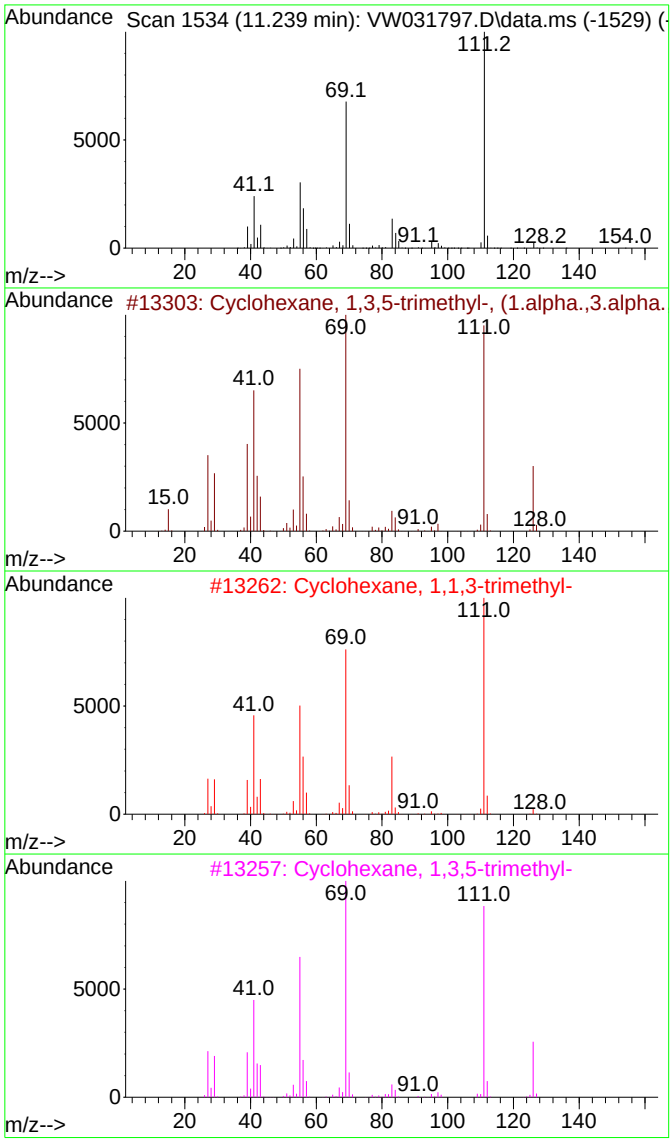
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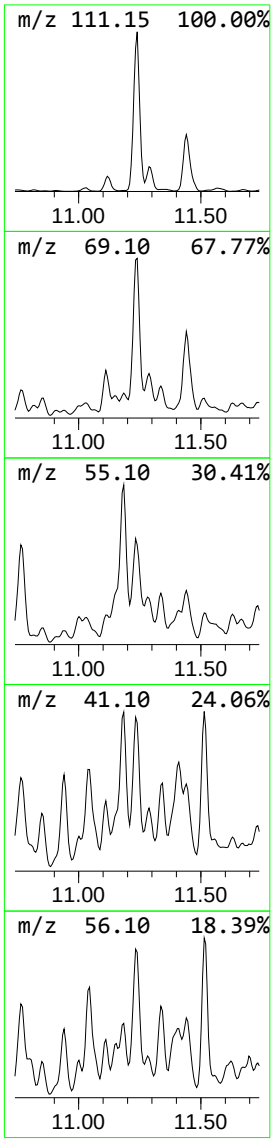
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TIC Integration Parameters: LSCINT.P

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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





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 :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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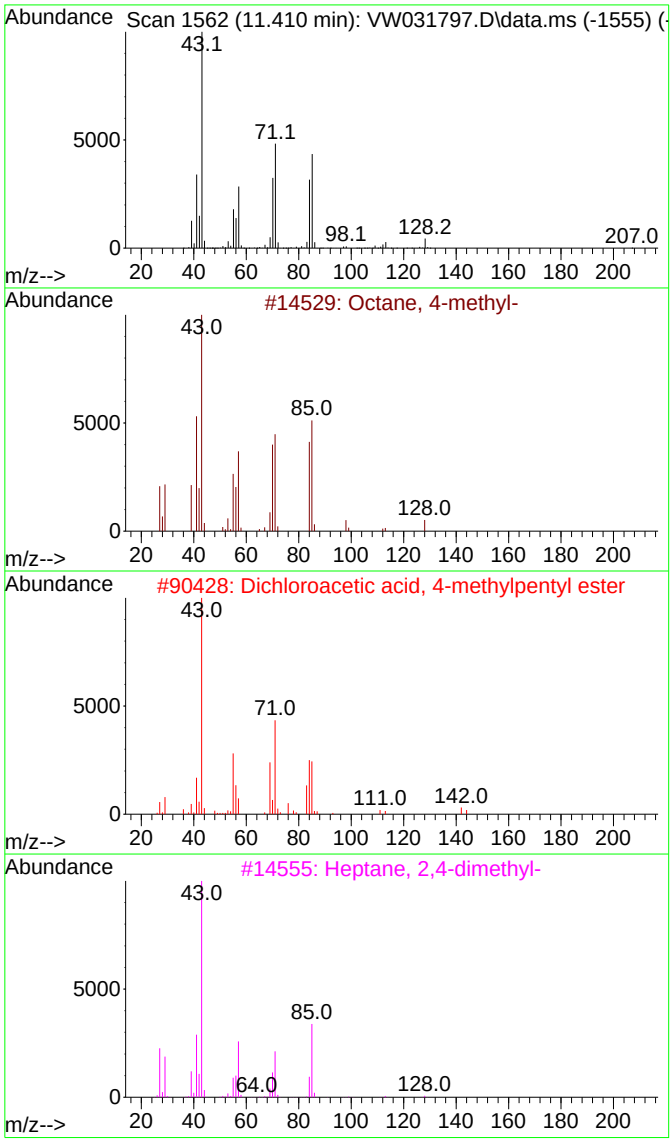
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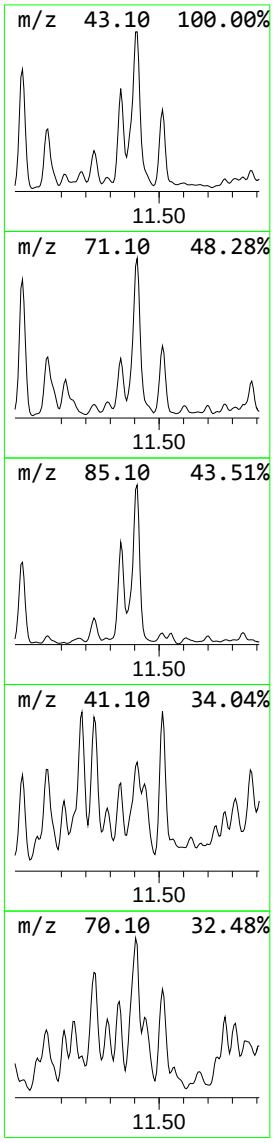
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Peak Number 10 Octane, 4-methyl- Concentration Rank 10

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





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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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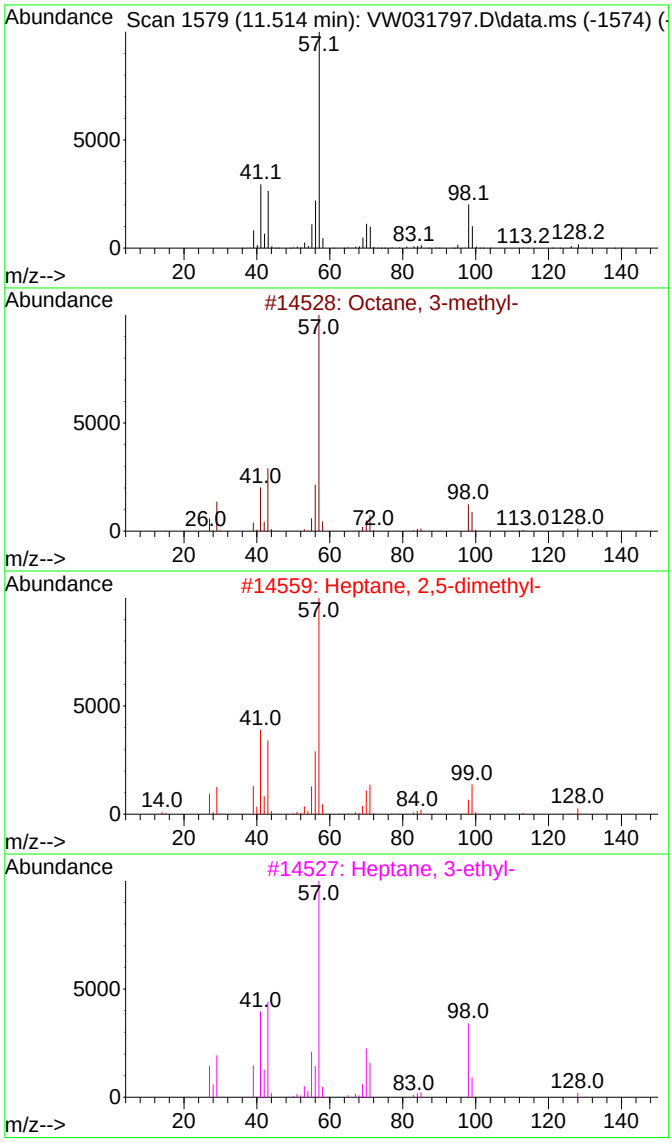
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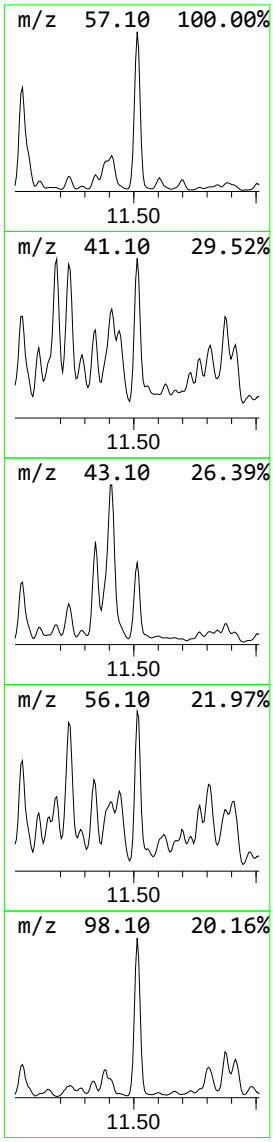
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Peak Number 11 Octane, 3-methyl- Concentration Rank 8

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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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

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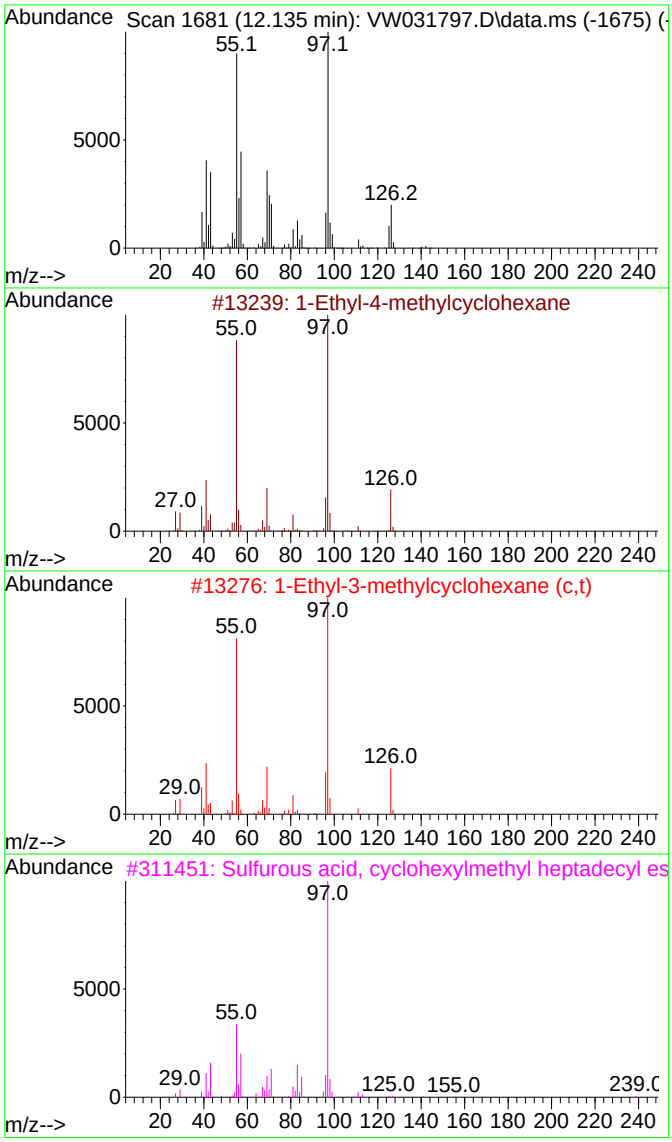
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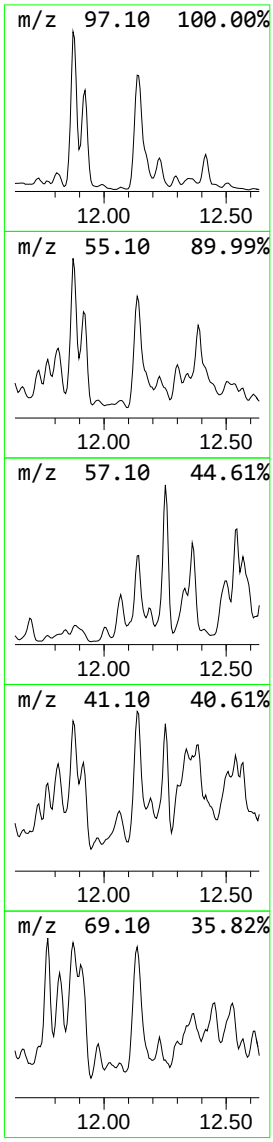
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Peak Number 12 1-Ethyl-4-methylcyclohexane Concentration Rank 7

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





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
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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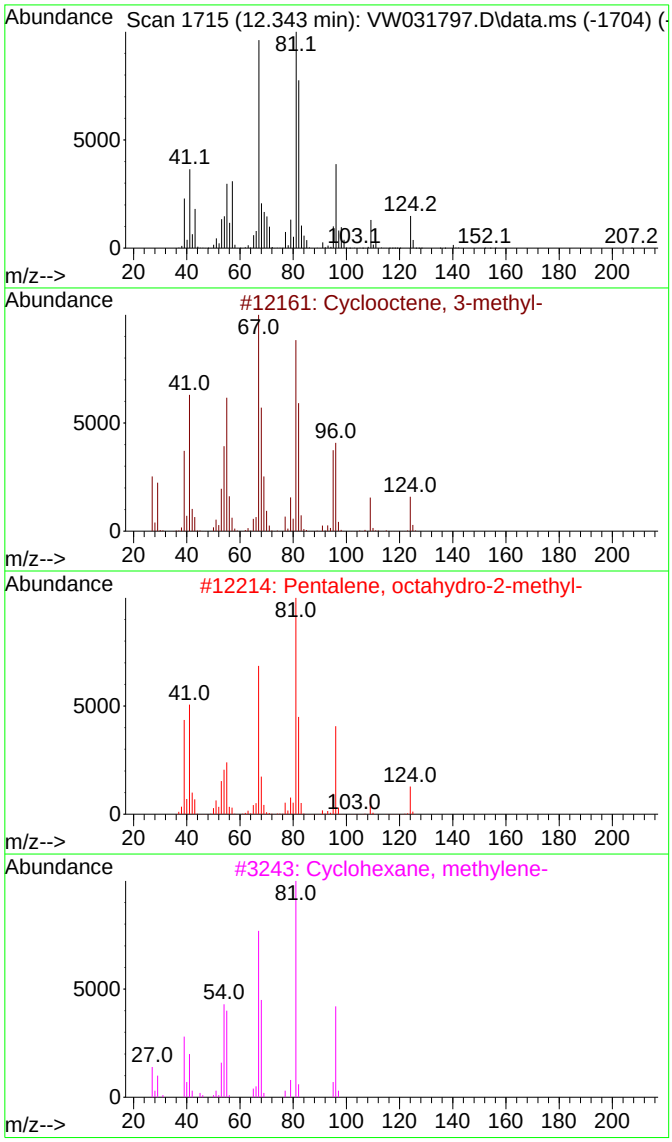
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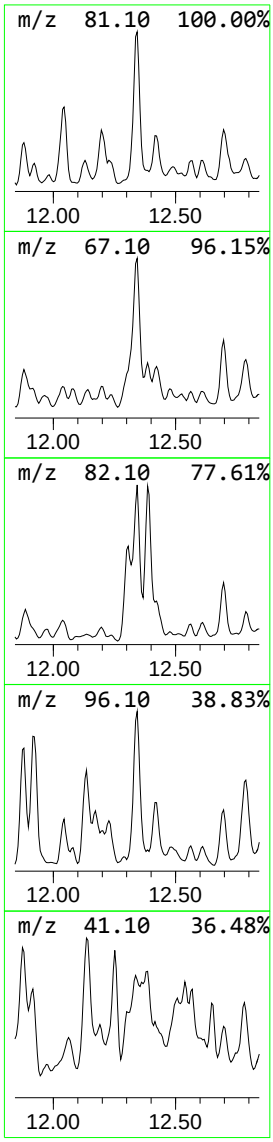
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Peak Number 13 Cyclooctene, 3-methyl- Concentration Rank 4

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

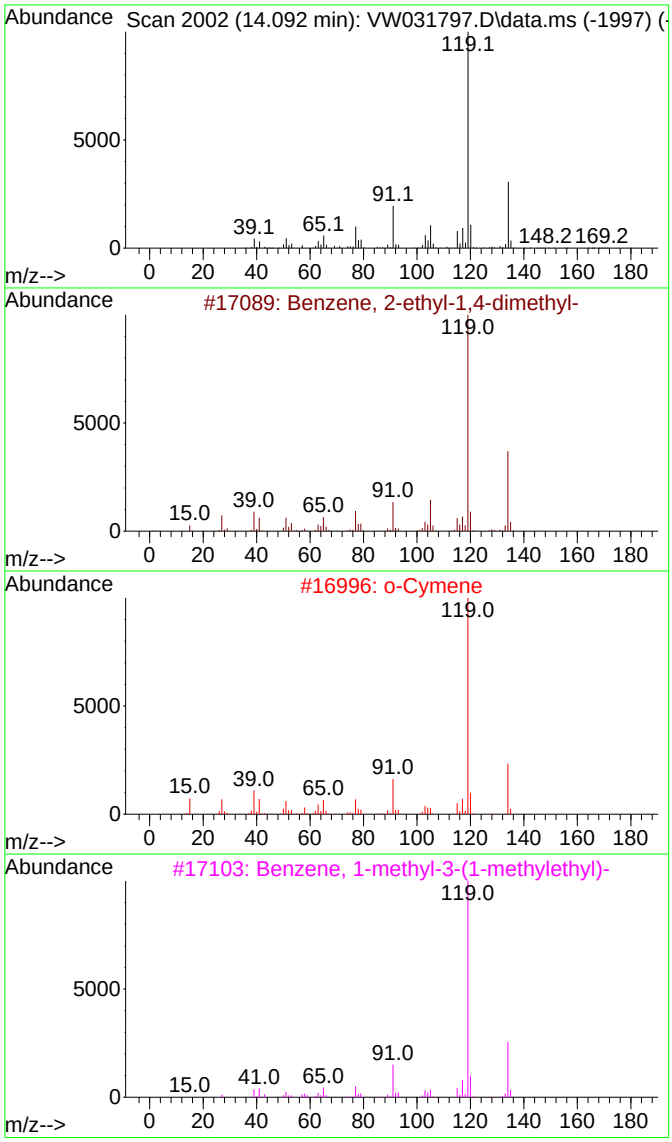
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Quant Title : SW846 8260

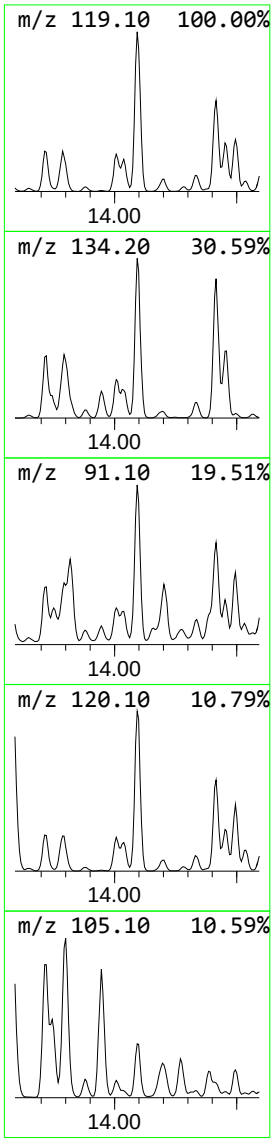
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

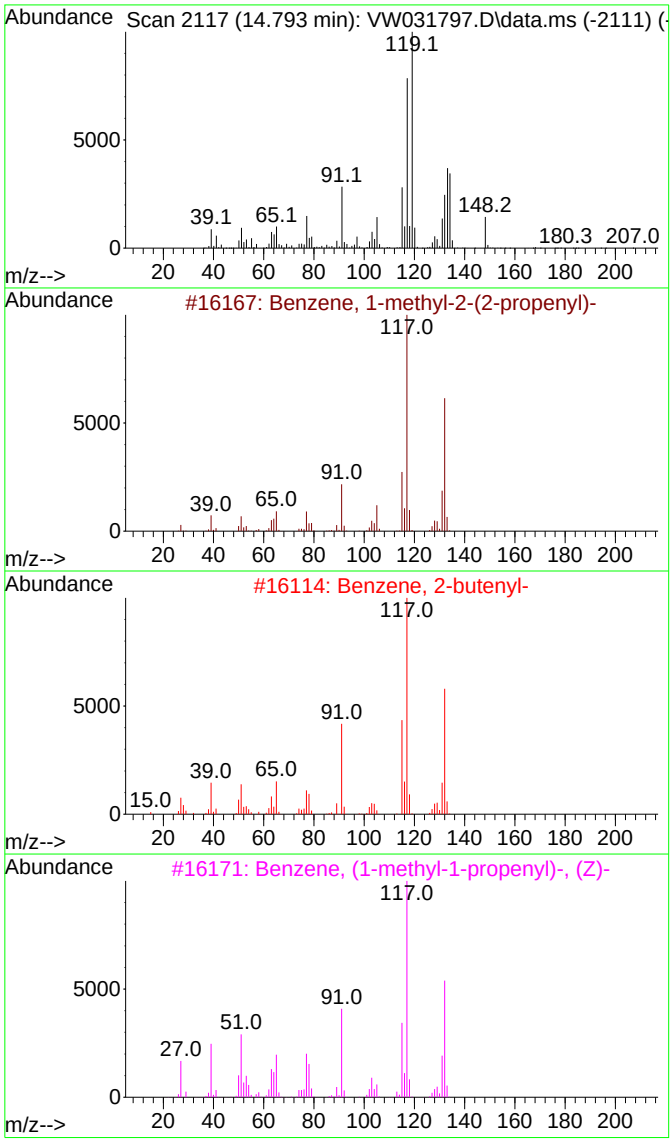
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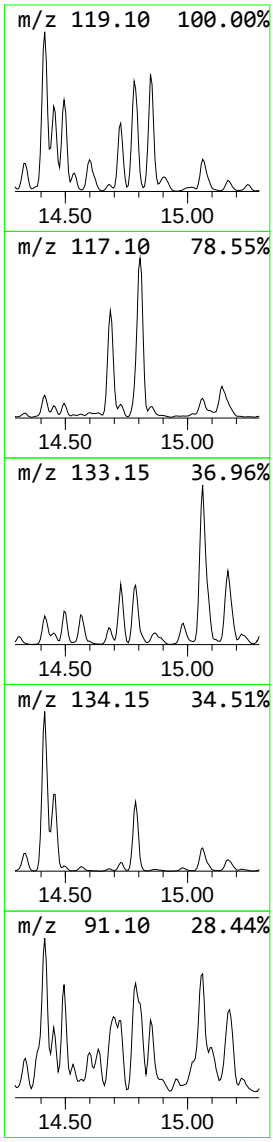
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

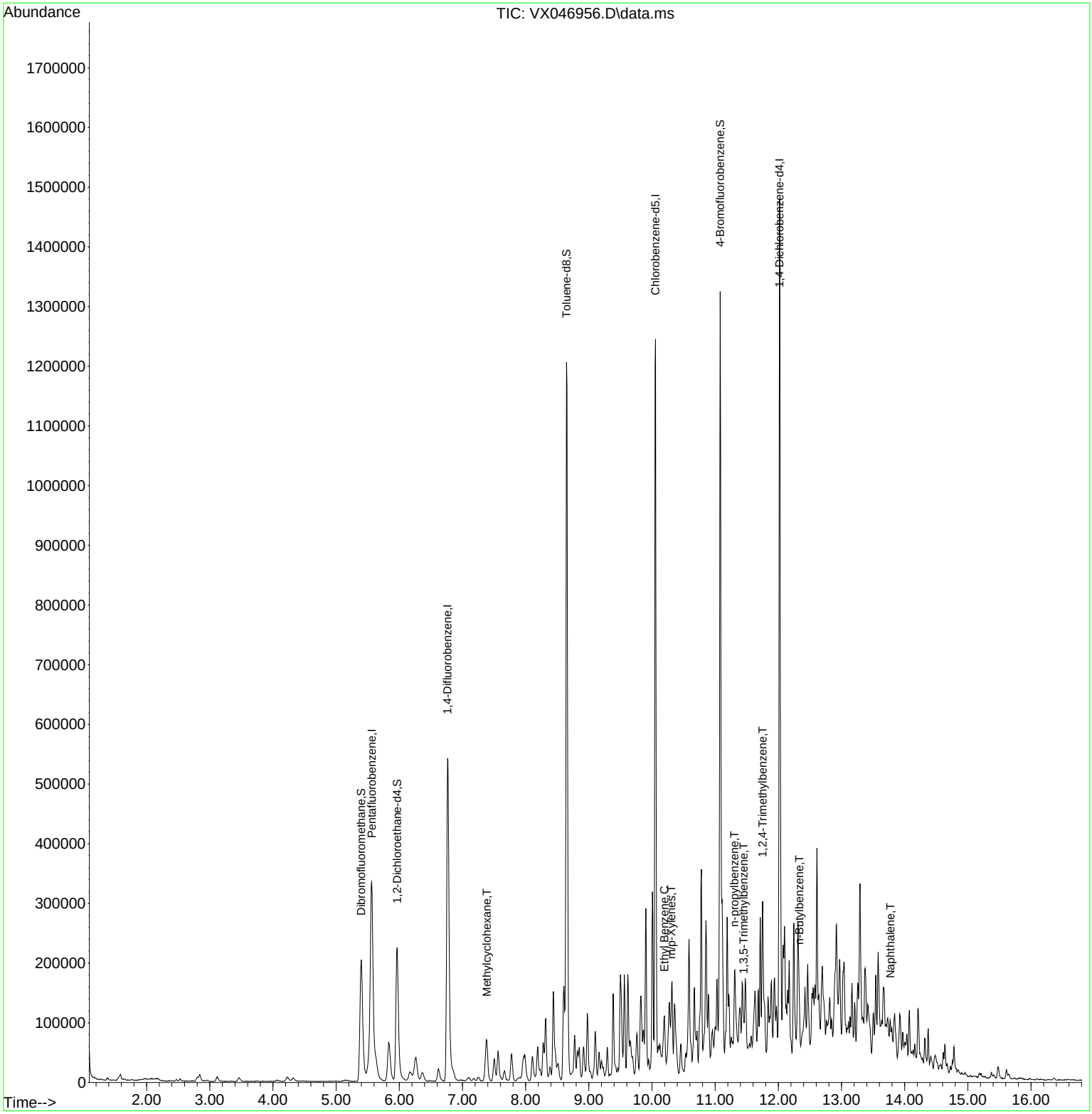
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Data File : VX046956.D
Acq On : 10 Jul 2025 19:20
Operator : JC/MD
Sample : Q2480-06ME 10X
Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

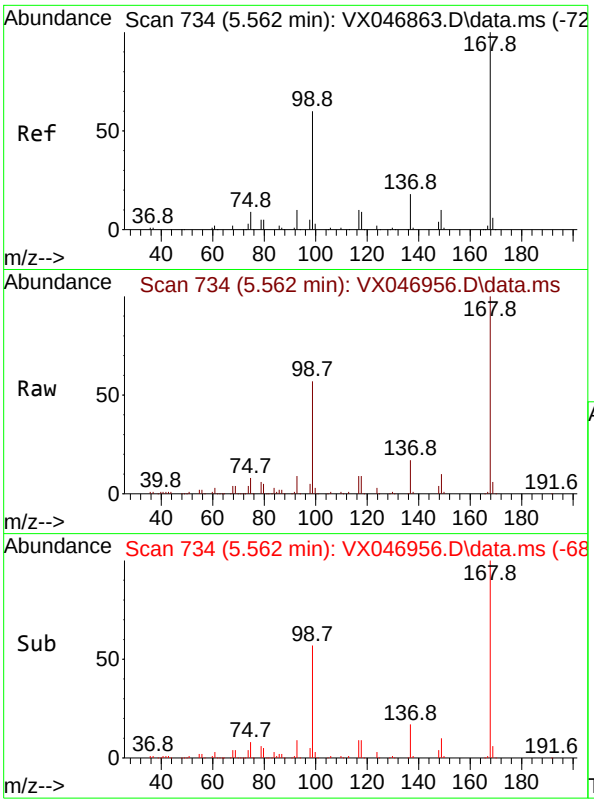
Quant Time: Jul 11 01:38:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

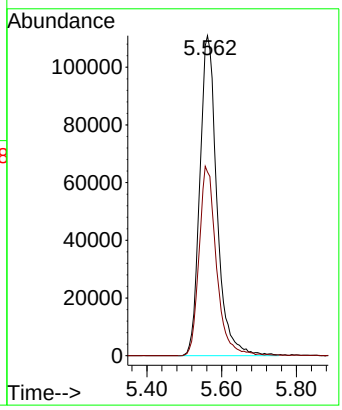




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:168 Resp: 35255

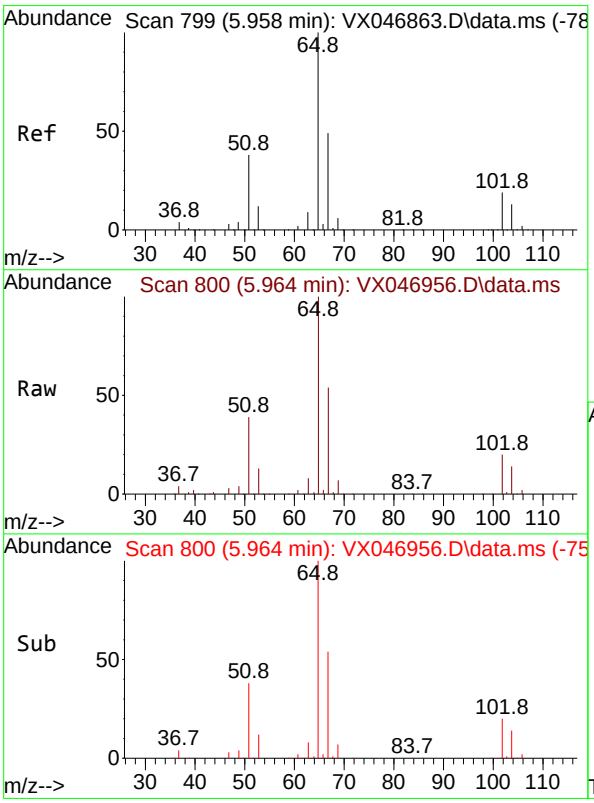
Ion	Ratio	Lower	Upper
168	100		
99	57.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations APPROVED

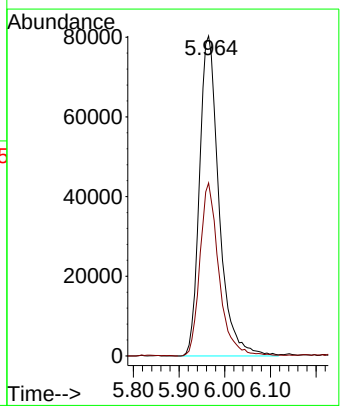
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

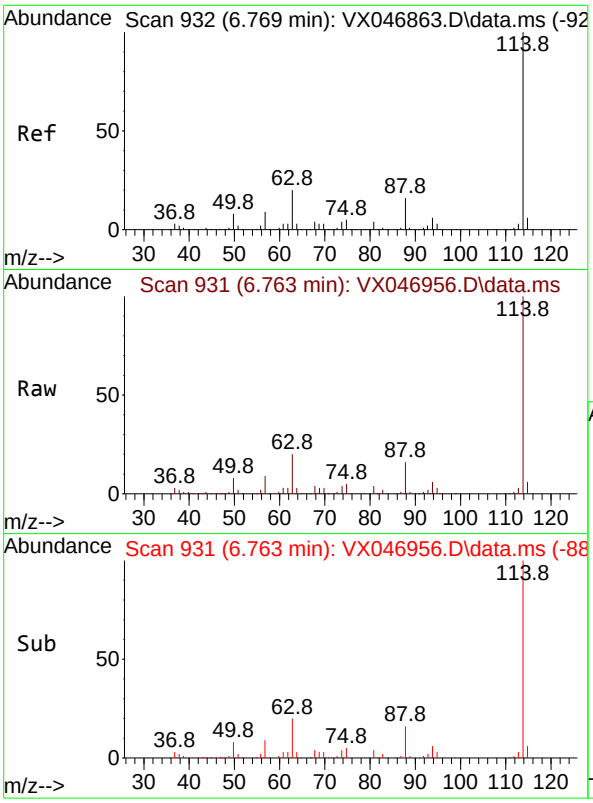


#33
1,2-Dichloroethane-d4
Concen: 51.080 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 65 Resp: 237906

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.2

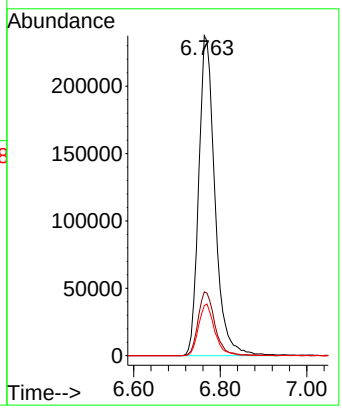




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:114 Resp: 61730

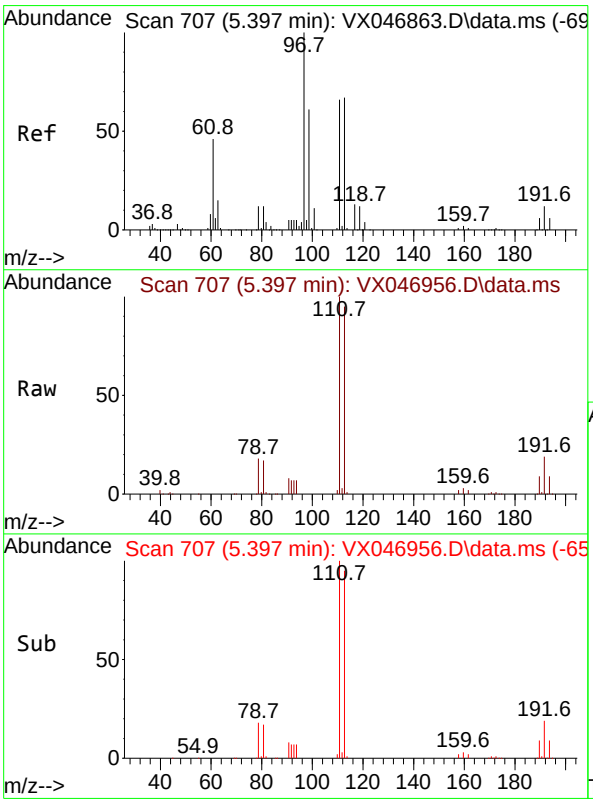
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.4
88	15.6	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

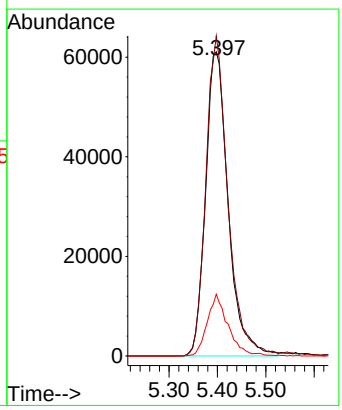
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

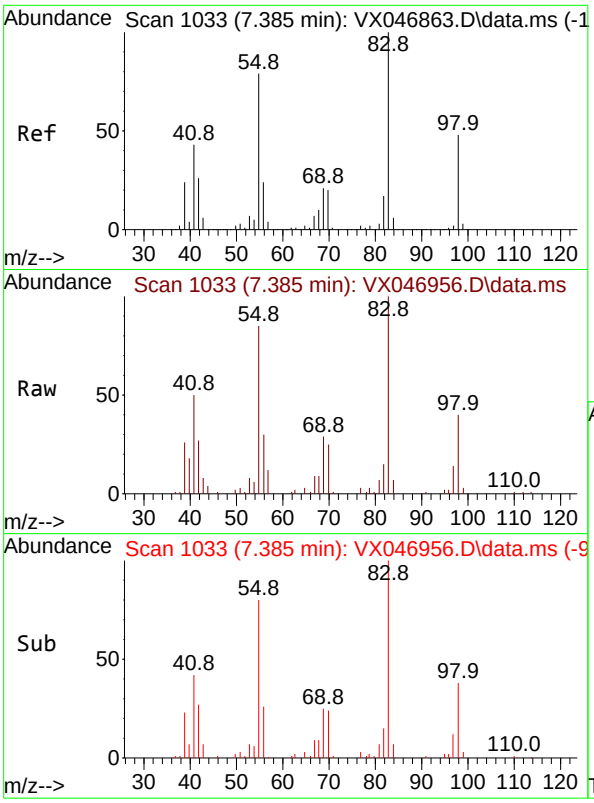


#35
Dibromofluoromethane
Concen: 47.352 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

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

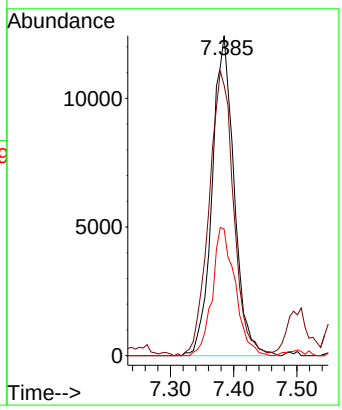




#39
Methylcyclohexane
Concen: 4.252 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 83 Resp: 3007

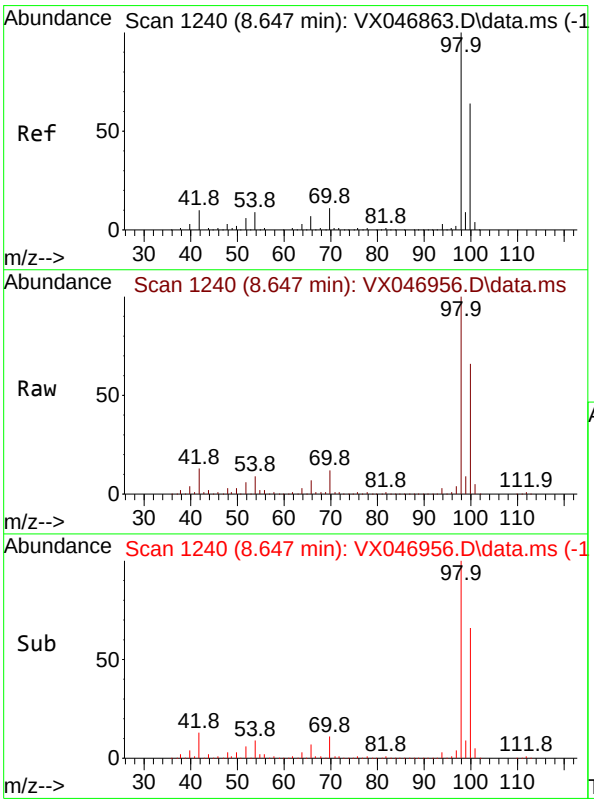
Ion	Ratio	Lower	Upper
83	100		
55	83.9	63.0	94.4
98	39.5	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

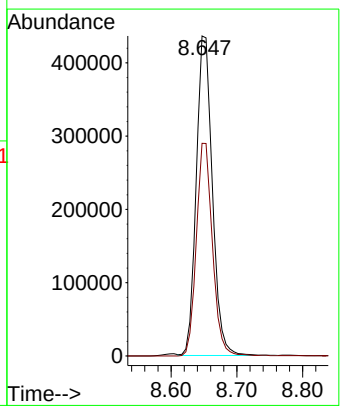
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

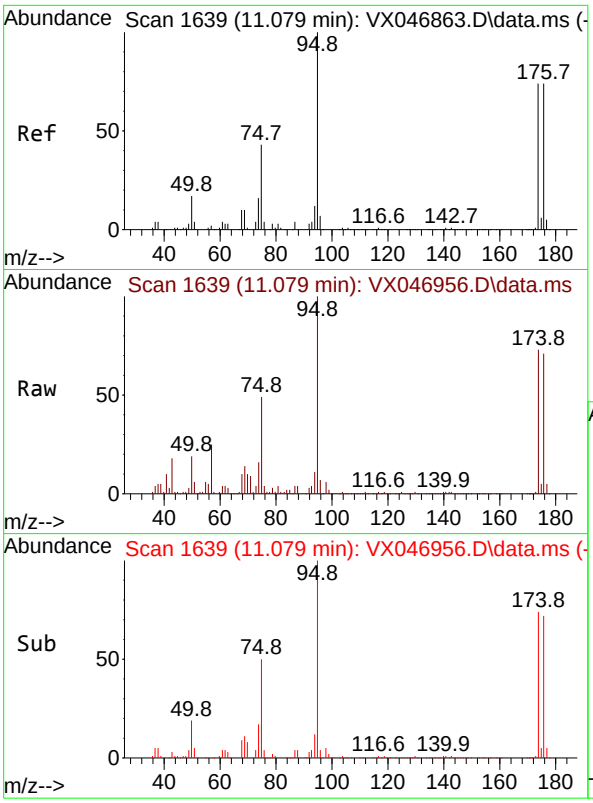


#50
Toluene-d8
Concen: 49.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 98 Resp: 739021

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

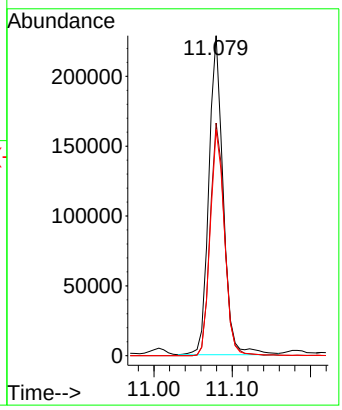




#62
4-Bromofluorobenzene
Concen: 51.575 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 95 Resp: 28979

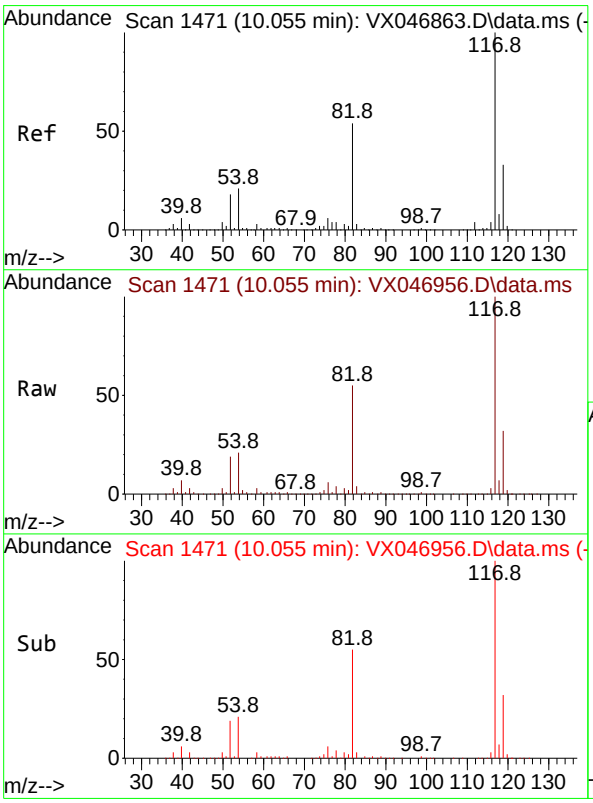
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	152.0
176	71.1	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

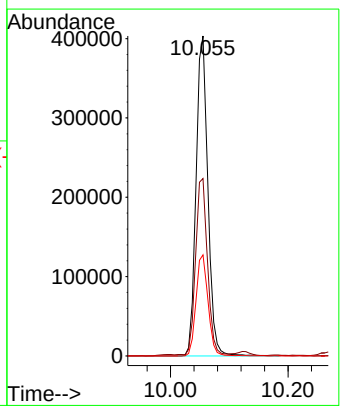
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

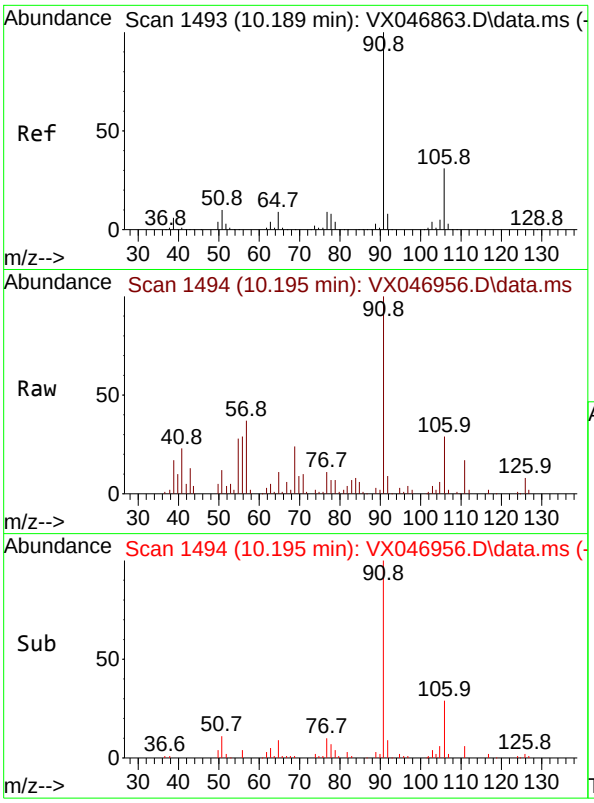


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

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

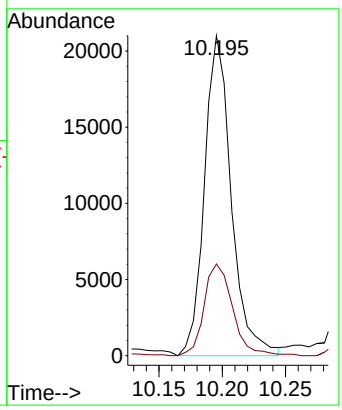




#67
Ethyl Benzene
Concen: 1.487 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 3101

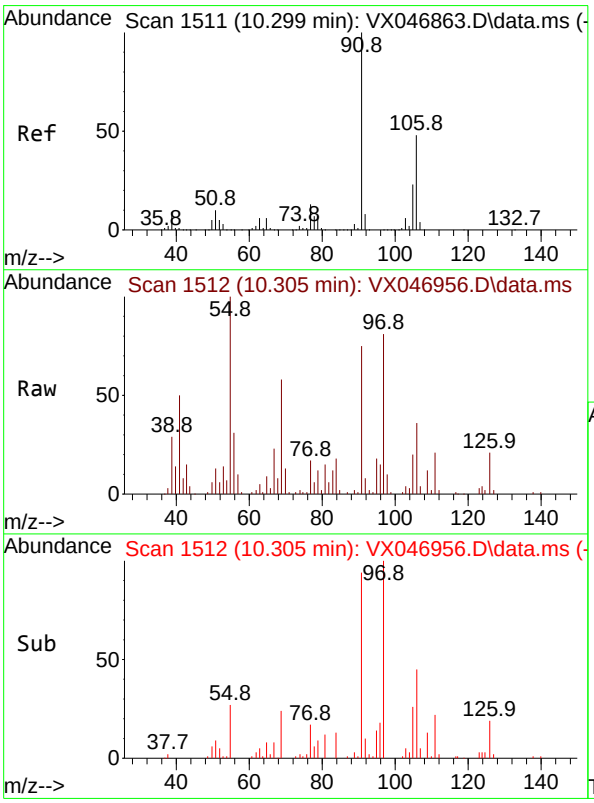
Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

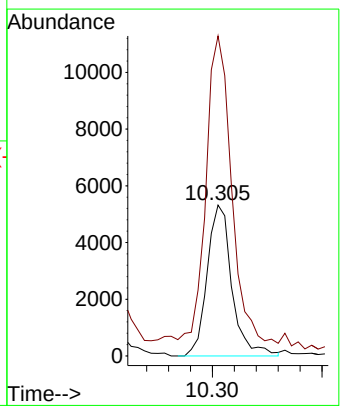
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

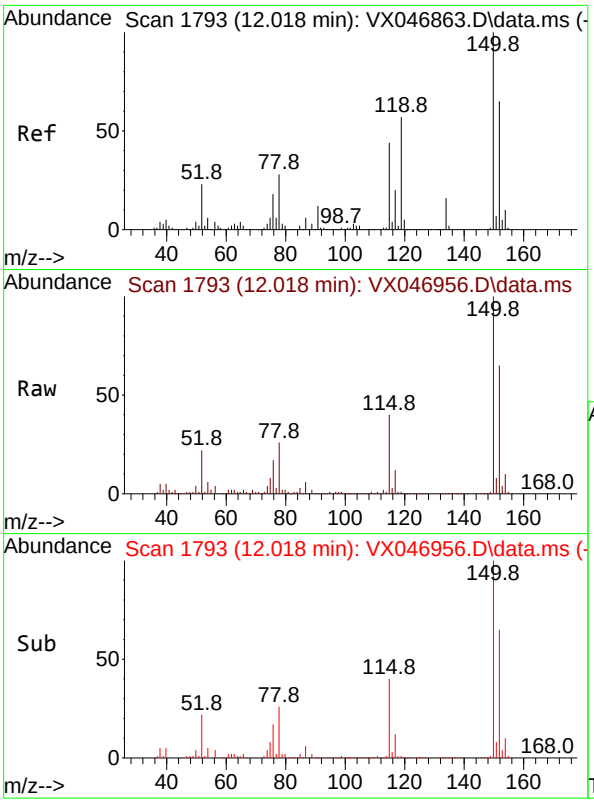


#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:106 Resp: 8349

Ion	Ratio	Lower	Upper
106	100		
91	220.0	164.6	246.8

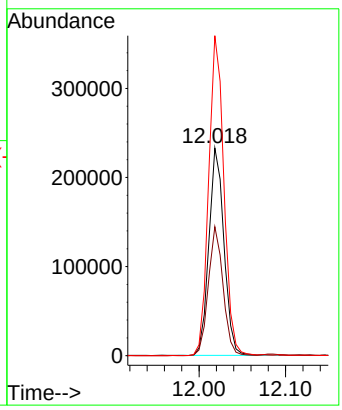




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:152 Resp: 28247

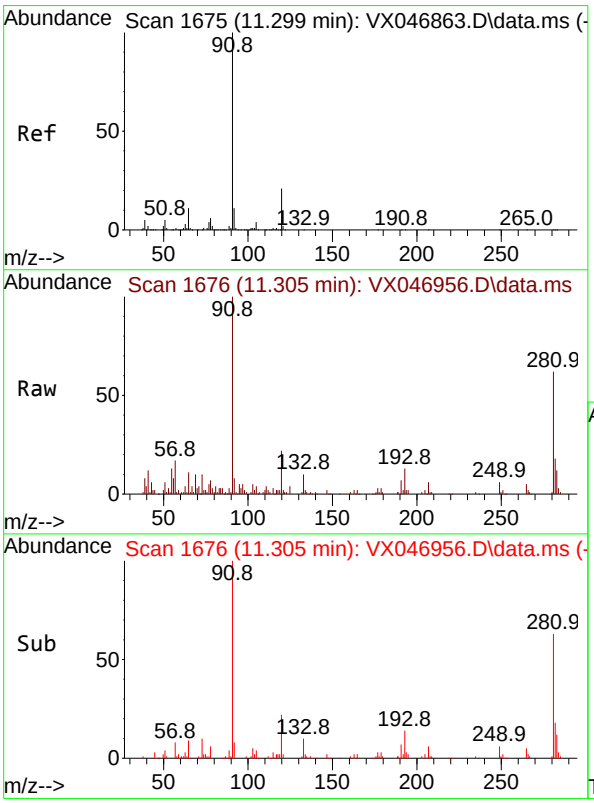
Ion	Ratio	Lower	Upper
152	100		
115	60.7	42.4	127.1
150	155.5	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

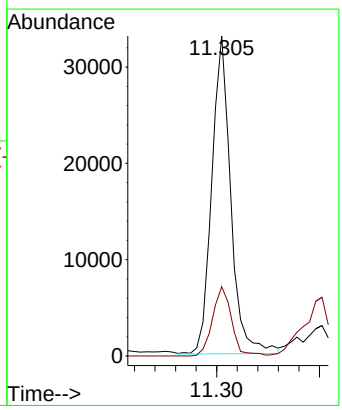
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

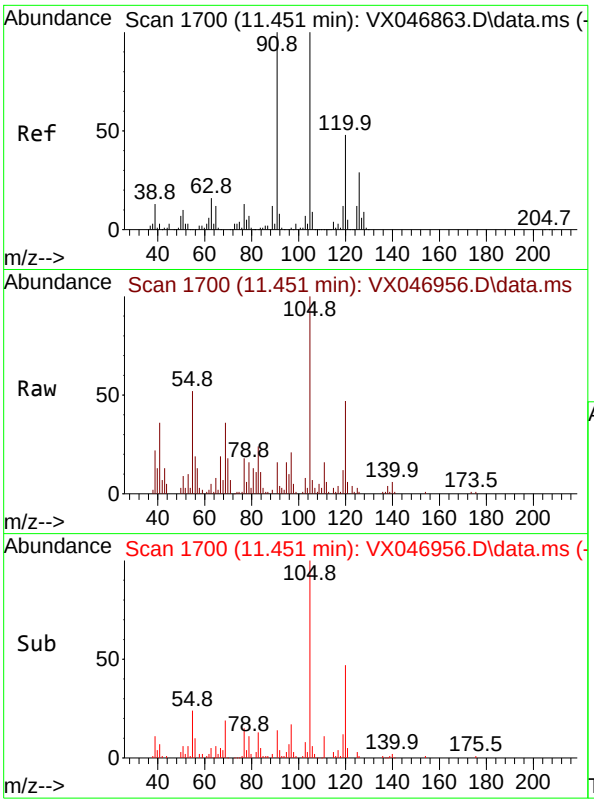


#78
n-propylbenzene
Concen: 1.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 42293

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.5

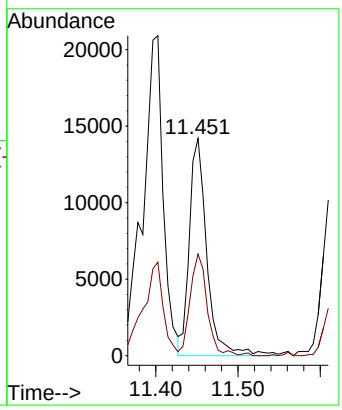




#80
1,3,5-Trimethylbenzene
Concen: 1.303 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:105 Resp: 2102

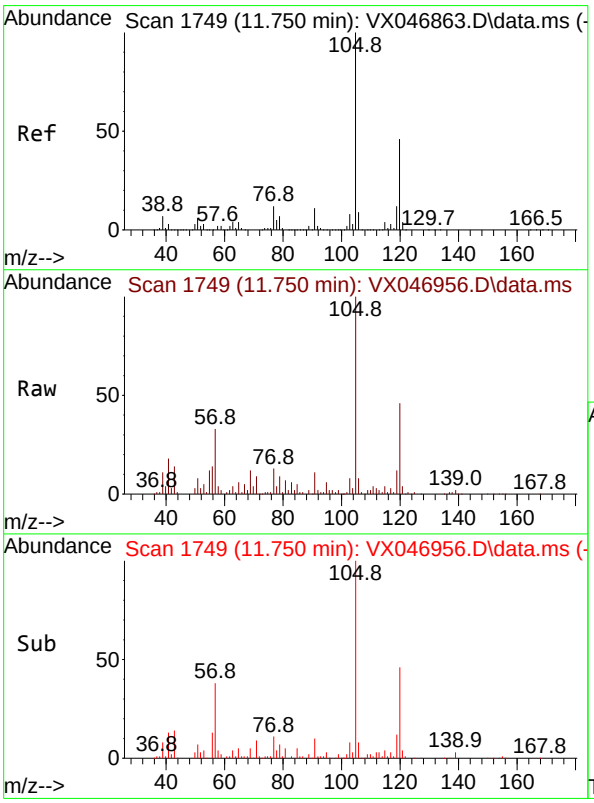
Ion	Ratio	Lower	Upper
105	100		
120	45.6	24.1	72.4



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

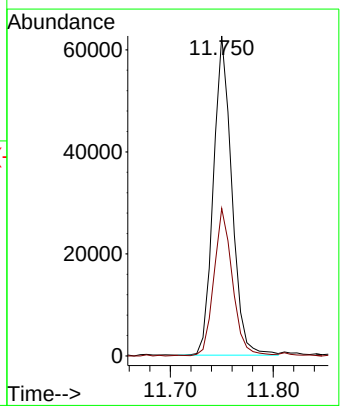
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

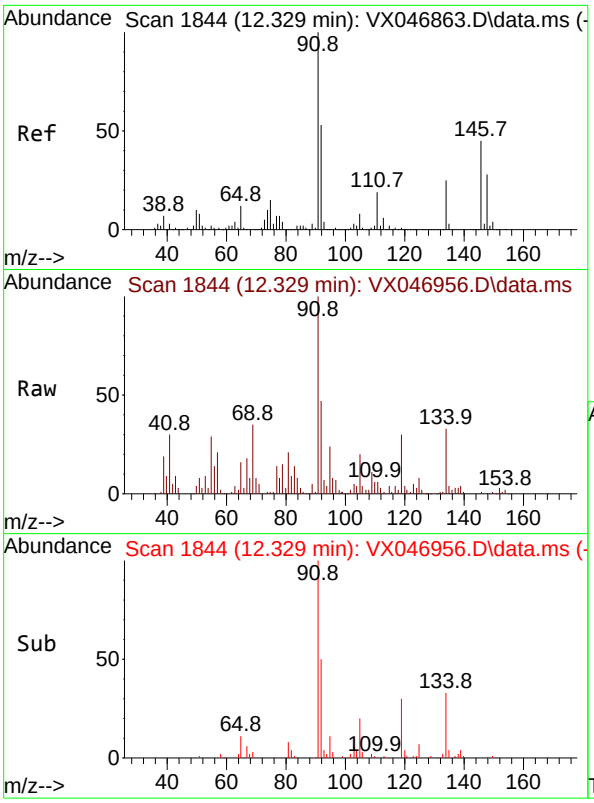


#84
1,2,4-Trimethylbenzene
Concen: 4.767 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion:105 Resp: 77750

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.3	69.8

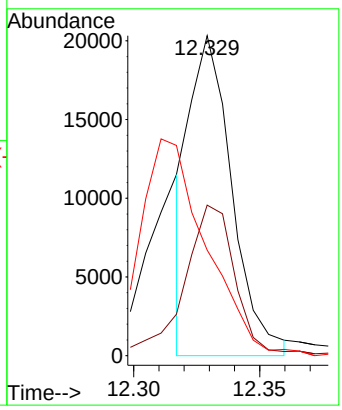




#89
n-Butylbenzene
Concen: 1.443 ug/l m
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 2385

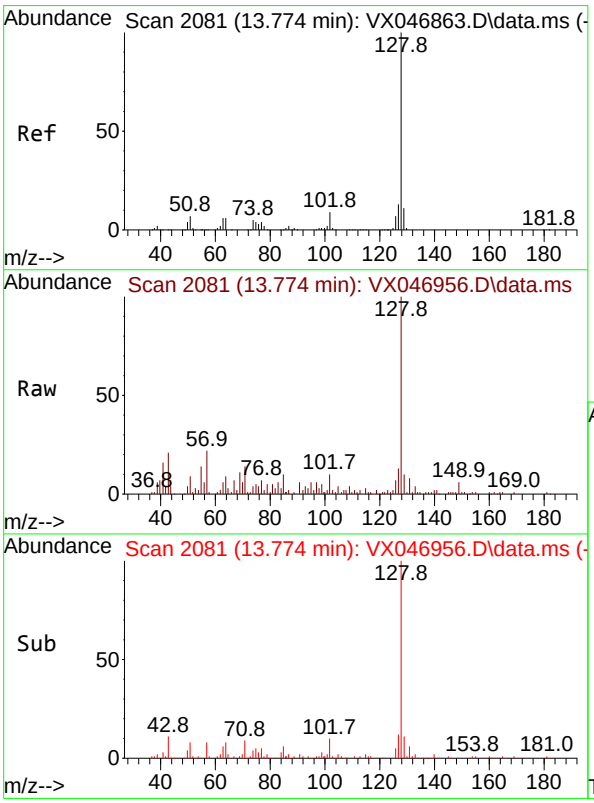
Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.0	81.0
134	104.4	12.8	38.4#



Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Manual Integrations
APPROVED

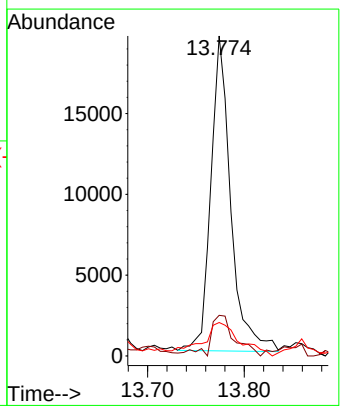
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#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**

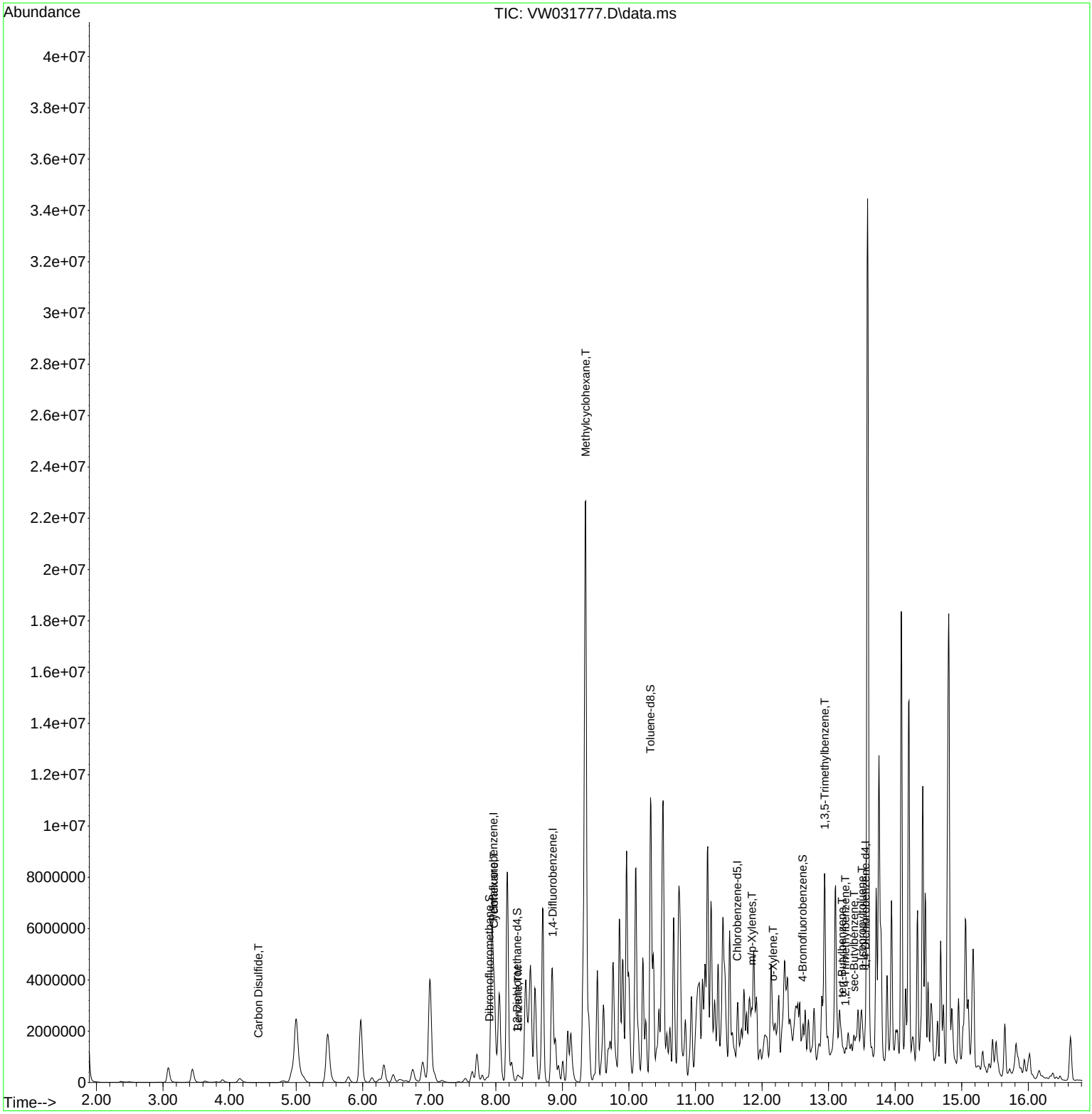
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

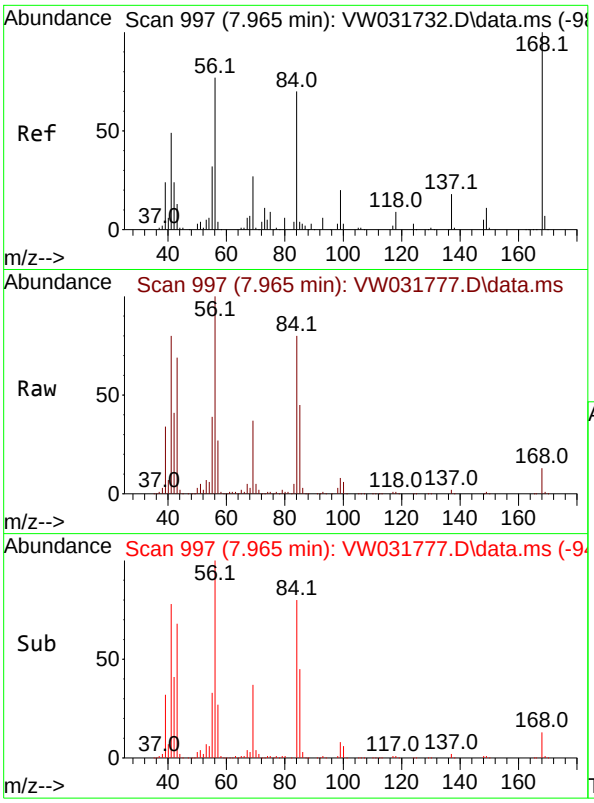
Quant Time: Jul 10 01:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

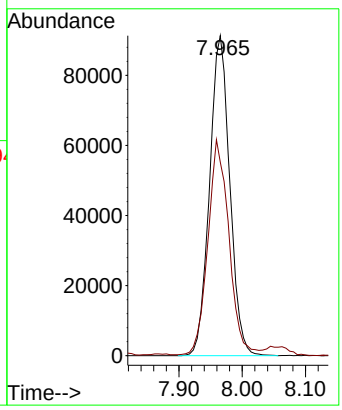




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:168 Resp: 20257

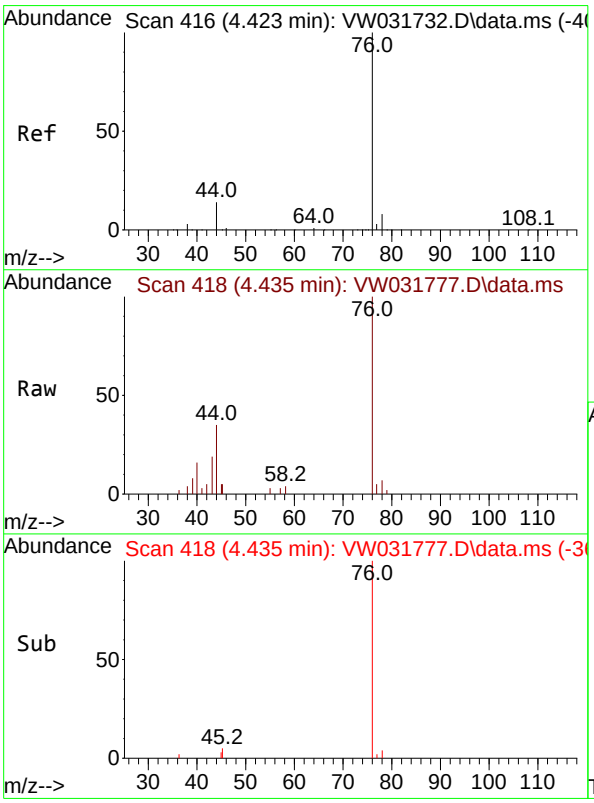
Ion	Ratio	Lower	Upper
168	100		
99	60.2	49.4	74.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

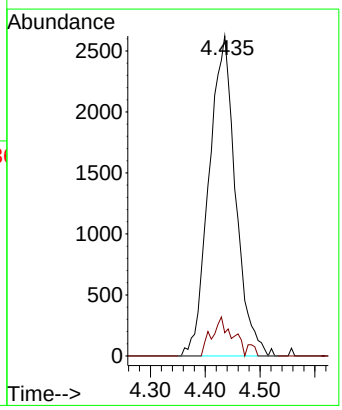
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

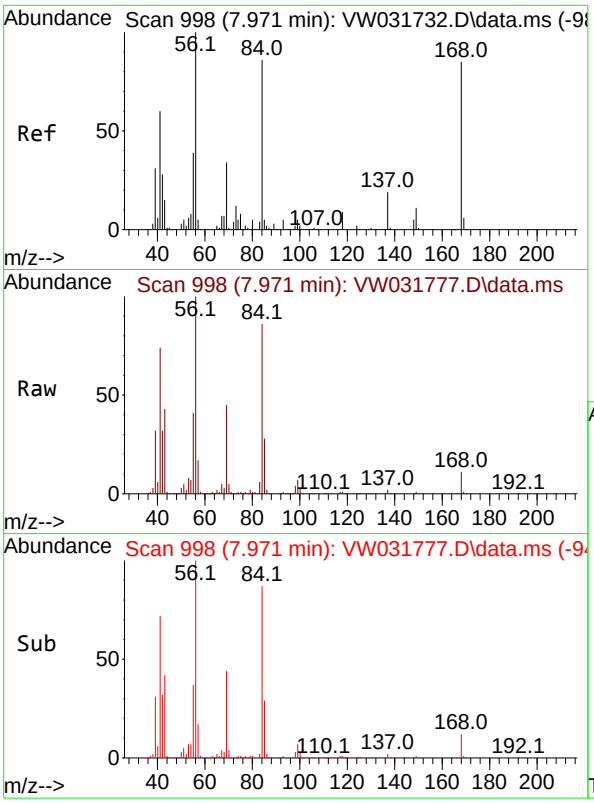


#17
Carbon Disulfide
Concen: 1.368 ug/l
RT: 4.435 min Scan# 418
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 76 Resp: 8839

Ion	Ratio	Lower	Upper
76	100		
78	7.2	6.6	10.0

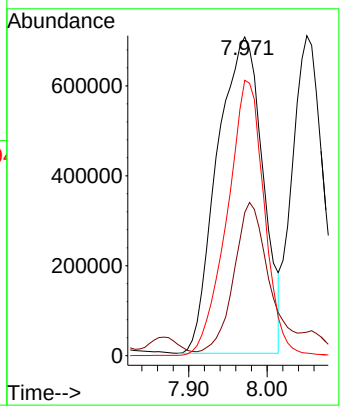




#31
Cyclohexane
Concen: 685.663 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 56 Resp: 283817

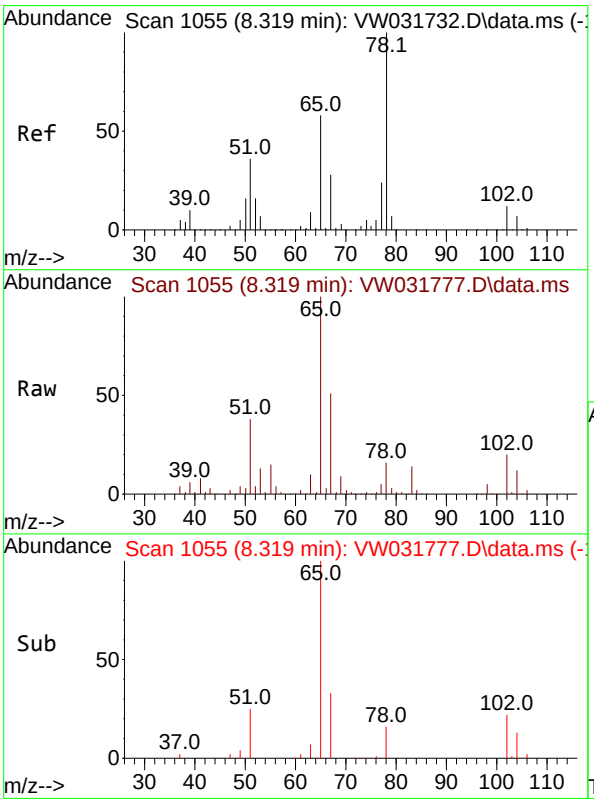
Ion	Ratio	Lower	Upper
56	100		
69	41.7	27.2	40.8
84	86.9	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

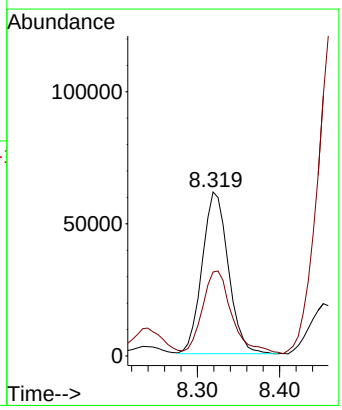
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

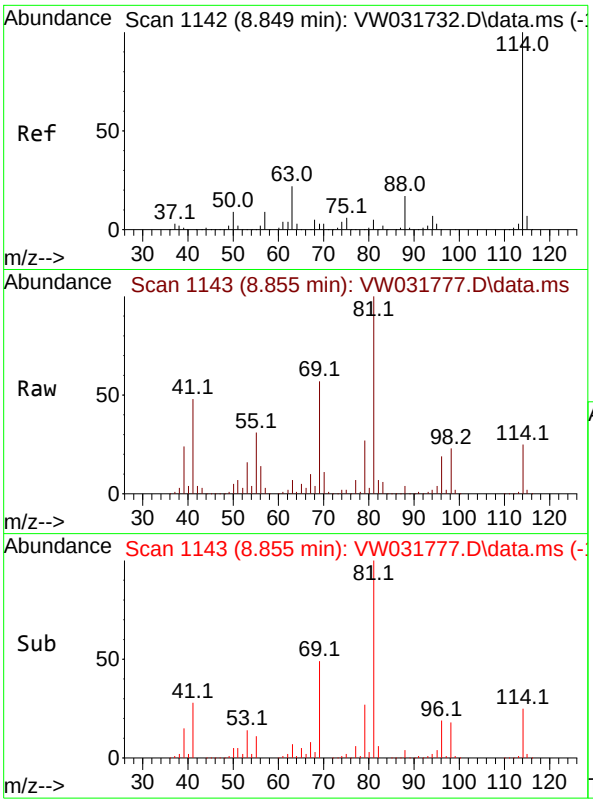


#33
1,2-Dichloroethane-d4
Concen: 46.697 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 65 Resp: 135752

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	99.4

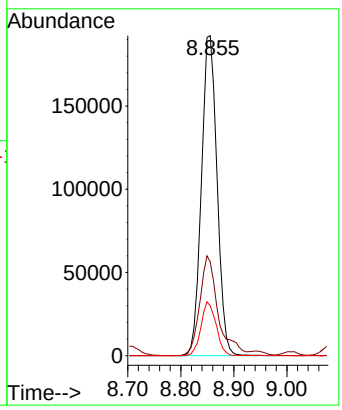




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:114 Resp: 39341

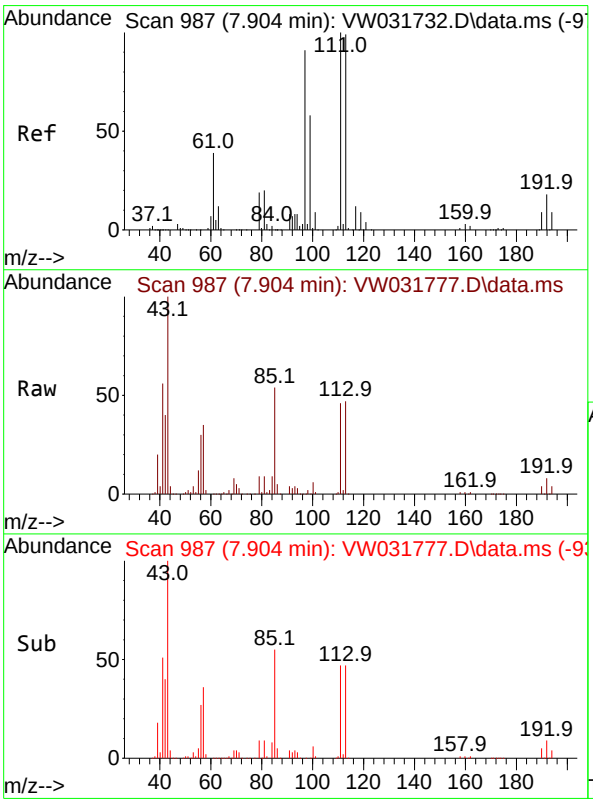
Ion	Ratio	Lower	Upper
114	100		
63	29.3	0.0	43.6
88	15.6	0.0	34.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

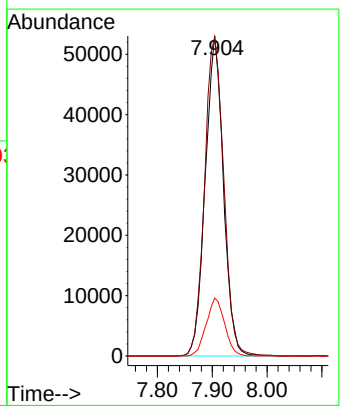
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

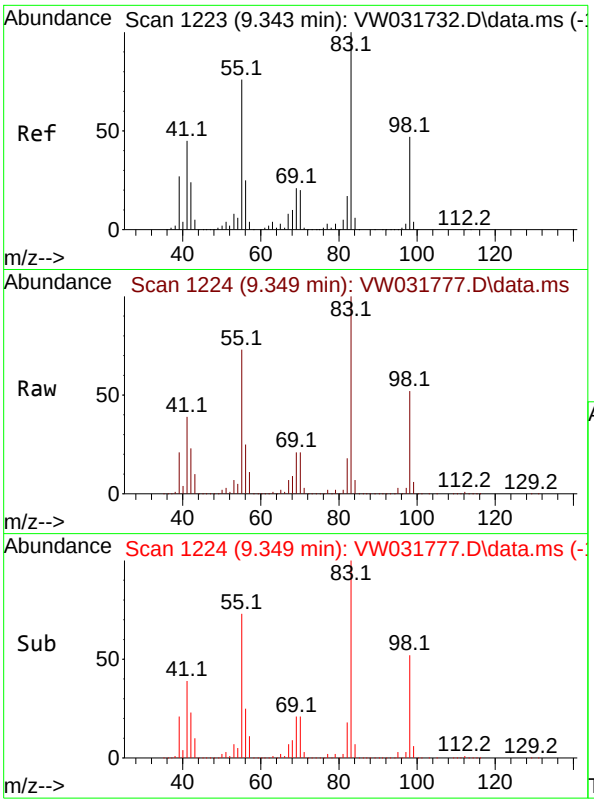


#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

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

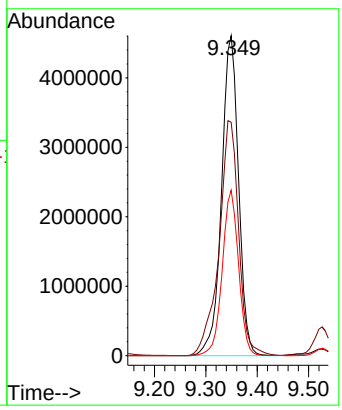




#39
Methylcyclohexane
Concen: 2291.187 ug/l
RT: 9.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 83 Resp:1058979

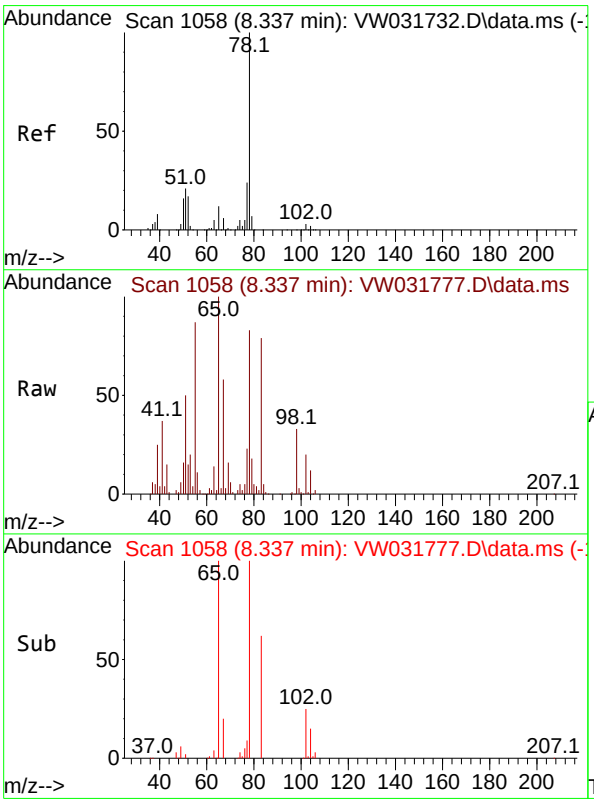
Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.0	91.4
98	51.7	37.9	56.9



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

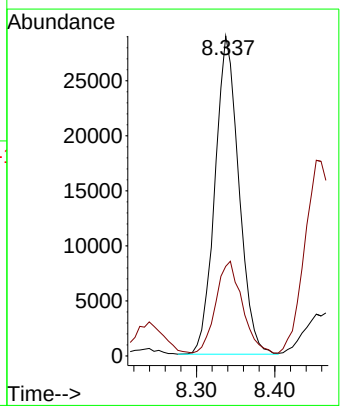
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

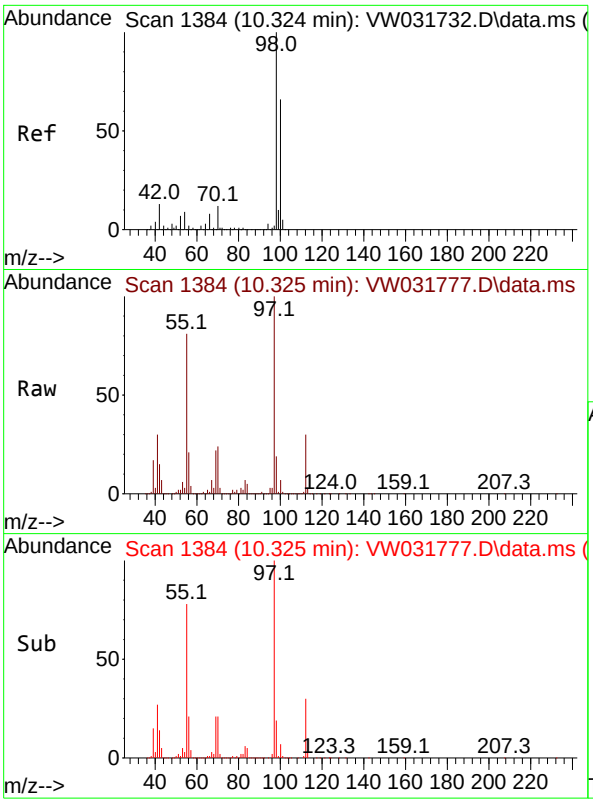


#40
Benzene
Concen: 5.577 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 78 Resp: 61300

Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.2	28.8

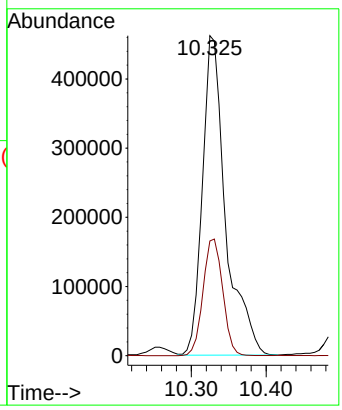




#50
Toluene-d8
Concen: 104.272 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion: 98 Resp: 99618

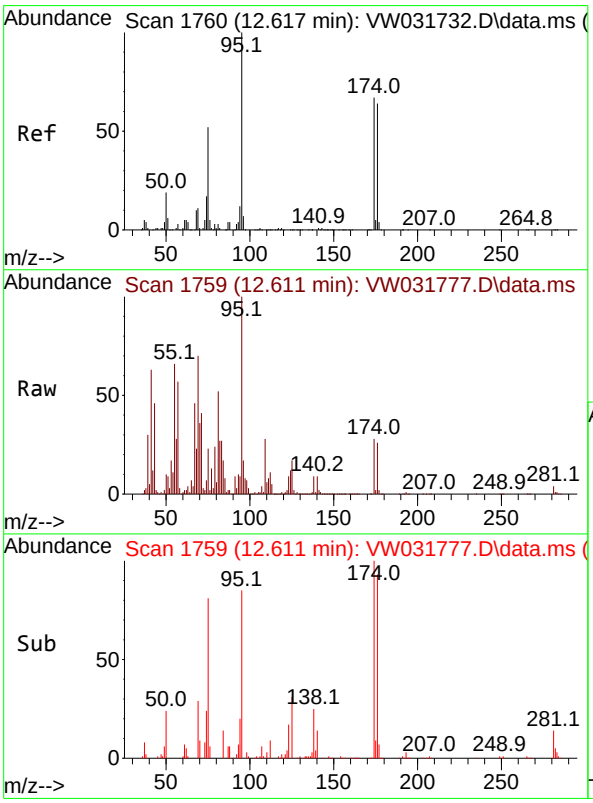
Ion	Ratio	Lower	Upper
98	100		
100	31.0	53.0	79.4



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

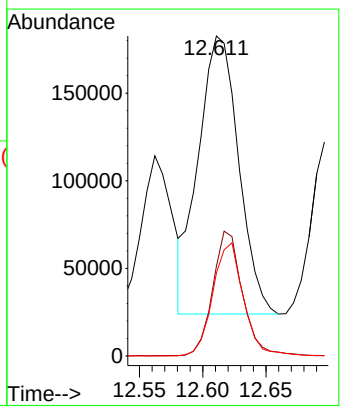
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

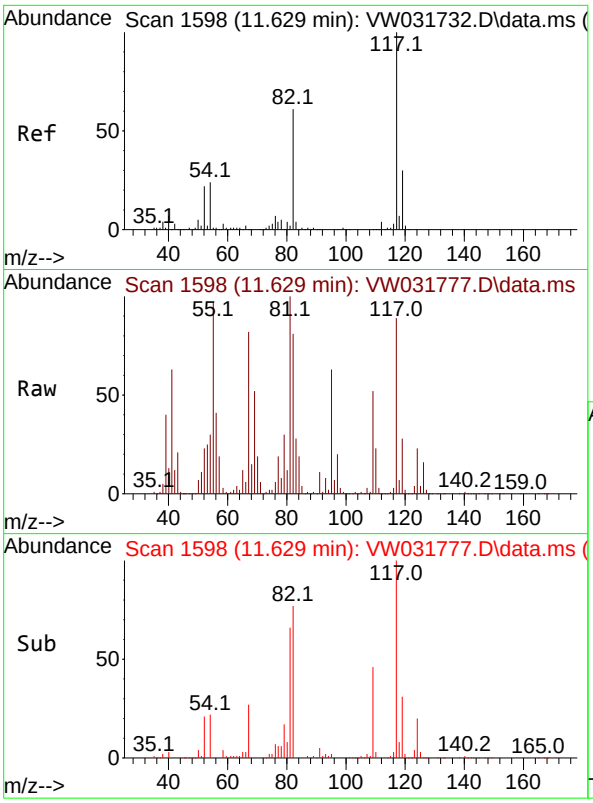


#62
4-Bromofluorobenzene
Concen: 100.389 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

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

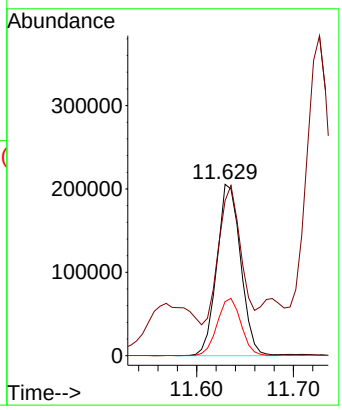




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:117 Resp: 35081

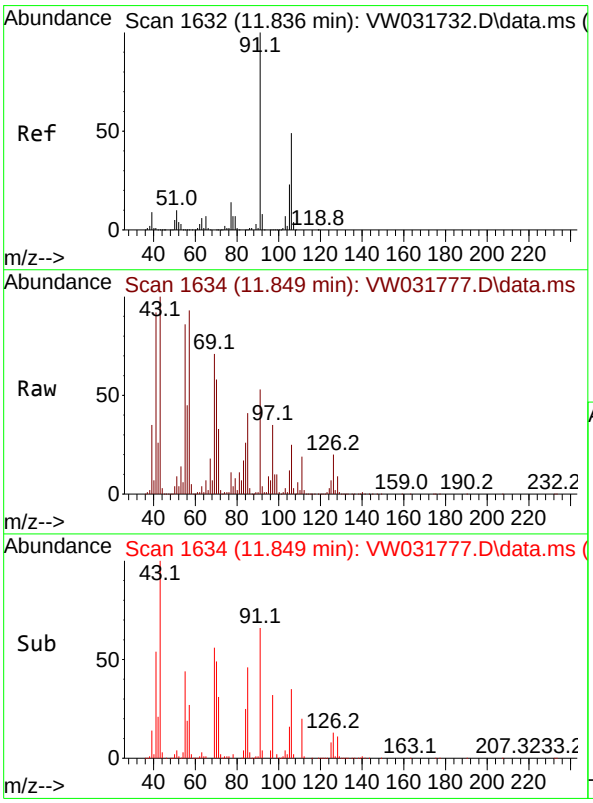
Ion	Ratio	Lower	Upper
117	100		
82	62.5	48.6	72.8
119	31.4	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

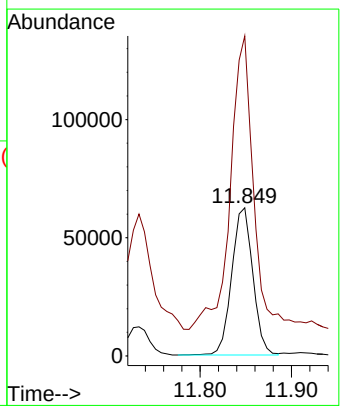
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

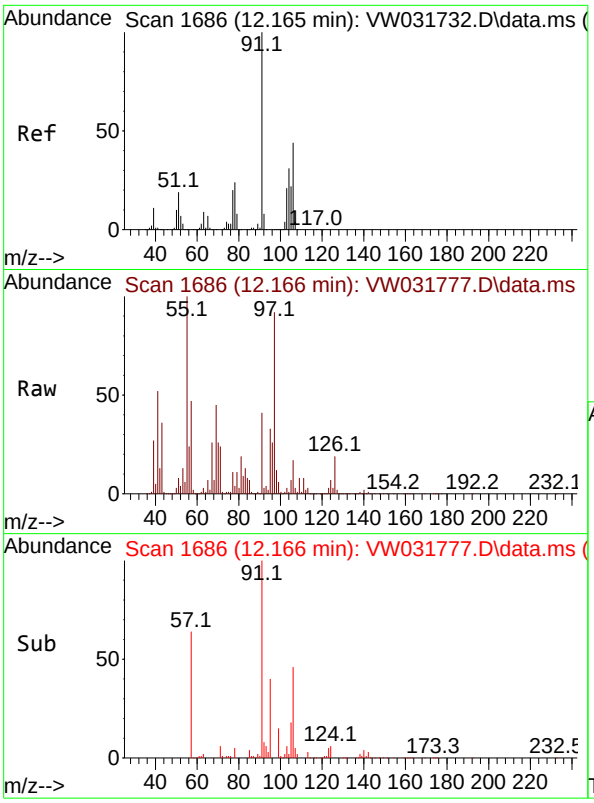


#68
m/p-Xylenes
Concen: 19.334 ug/l
RT: 11.849 min Scan# 1634
Delta R.T. 0.012 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:106 Resp: 99754

Ion	Ratio	Lower	Upper
106	100		
91	252.2	166.4	249.6#

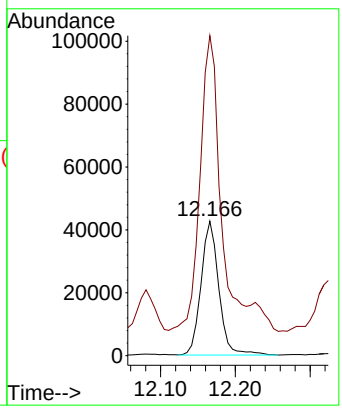




#69
o-Xylene
Concen: 14.683 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:106 Resp: 7014

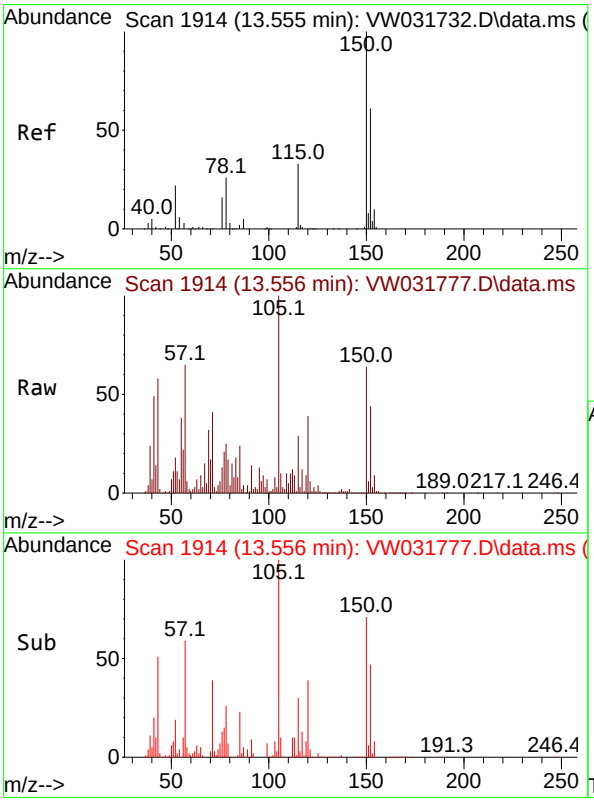
Ion	Ratio	Lower	Upper
106	100		
91	250.9	111.5	334.4



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

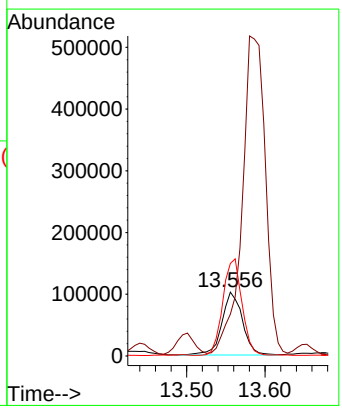
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

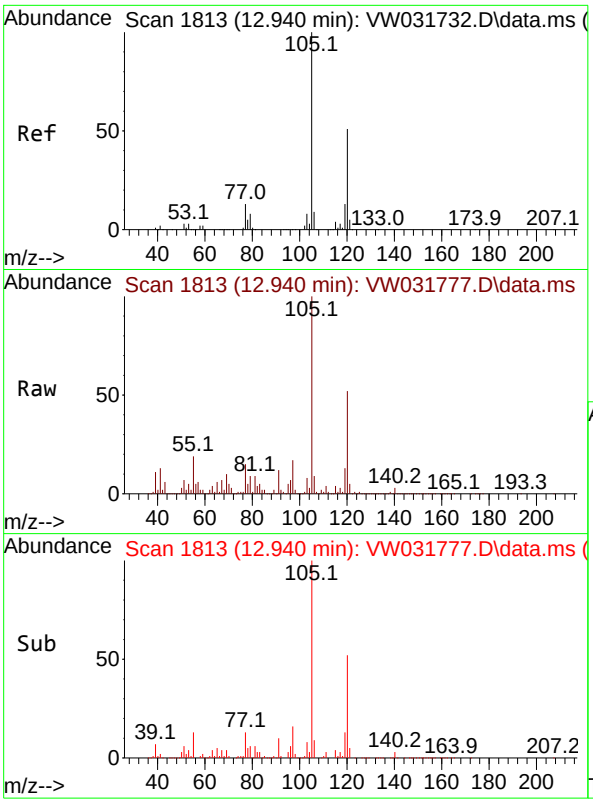


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

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

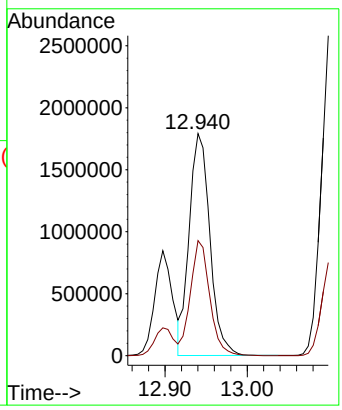




#80
1,3,5-Trimethylbenzene
Concen: 267.066 ug/l
RT: 12.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 312085

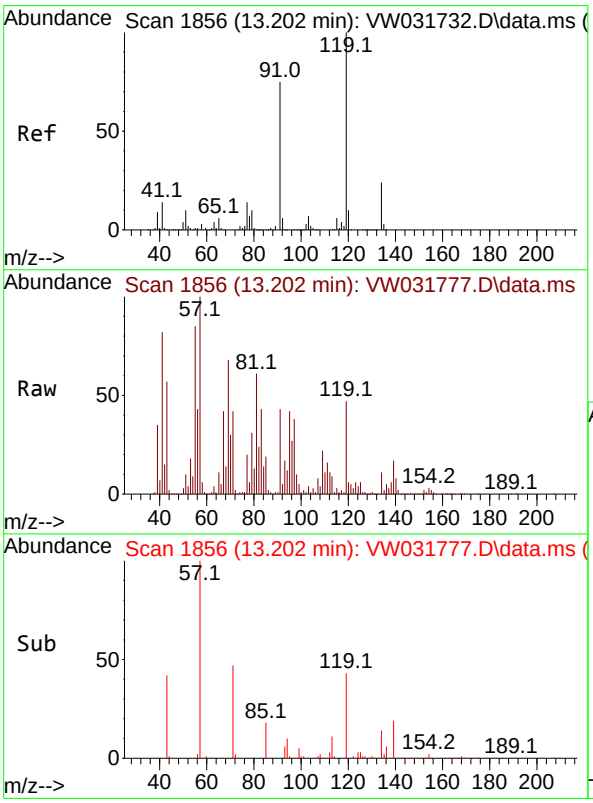
Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.8	71.2



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

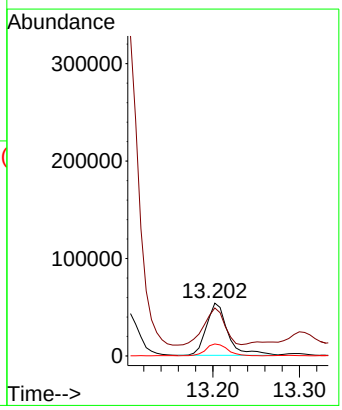
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

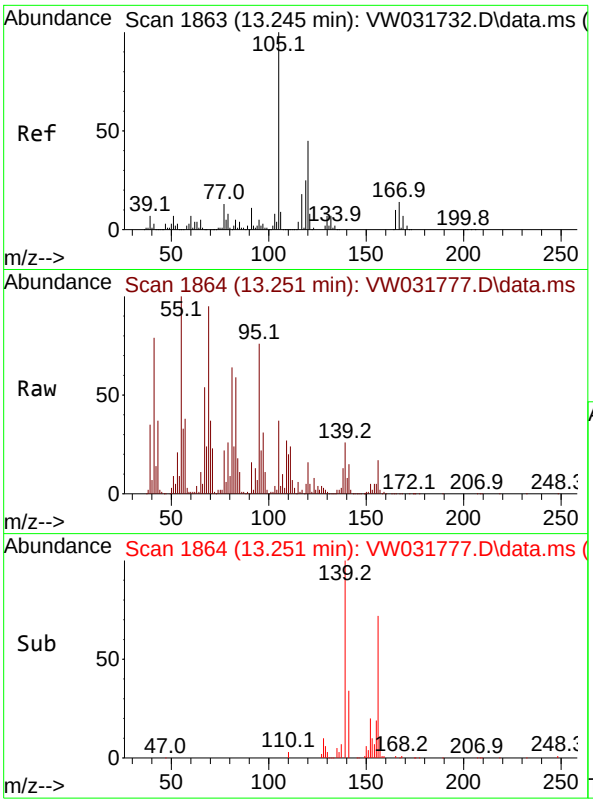


#83
tert-Butylbenzene
Concen: 9.202 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

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

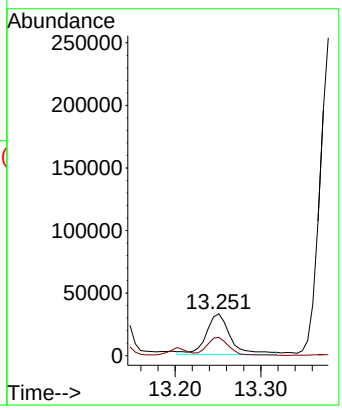




#84
1,2,4-Trimethylbenzene
Concen: 5.362 ug/l m
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 6348

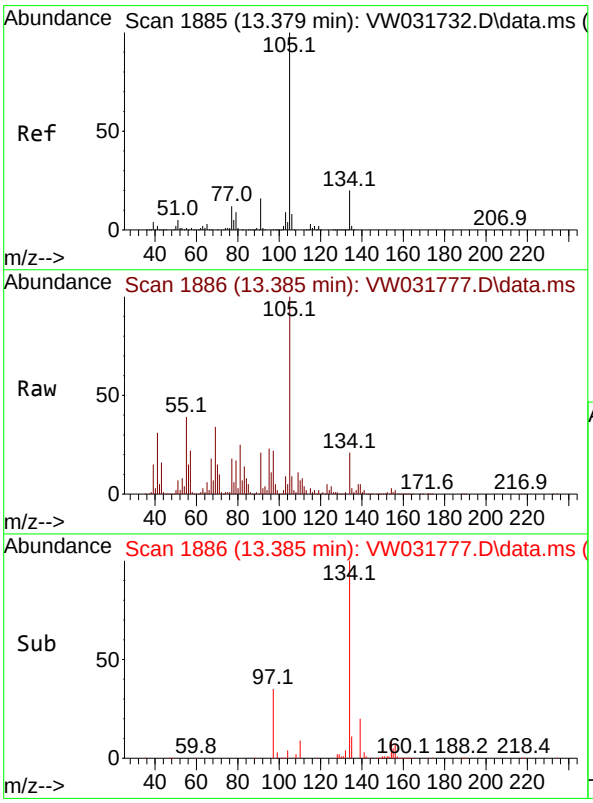
Ion	Ratio	Lower	Upper
105	100		
120	2089.4	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GPX7

Manual Integrations
APPROVED

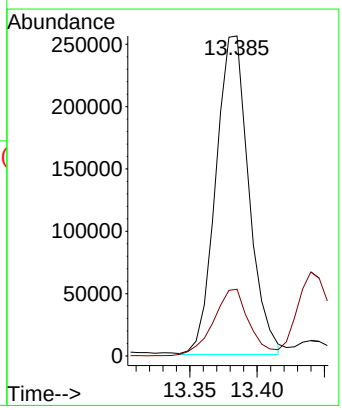
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

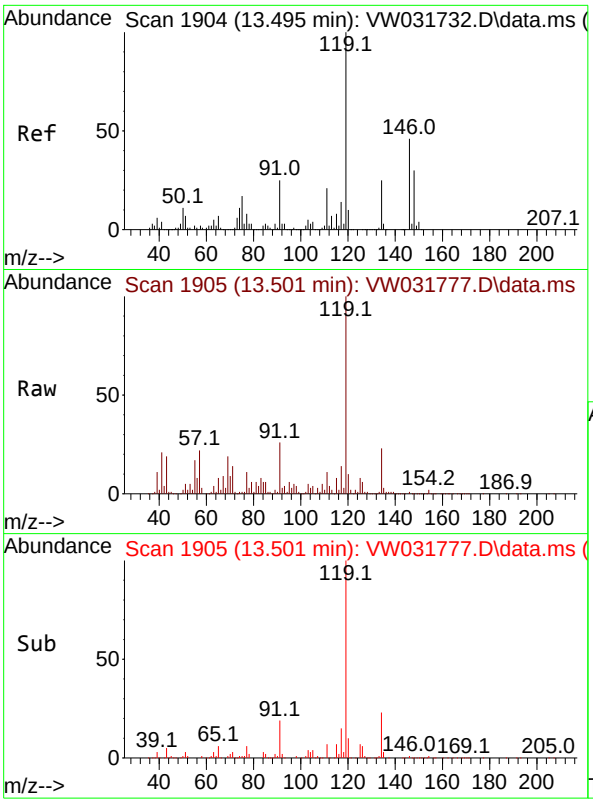


#85
sec-Butylbenzene
Concen: 29.085 ug/l m
RT: 13.385 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

Tgt Ion:105 Resp: 436986

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8#

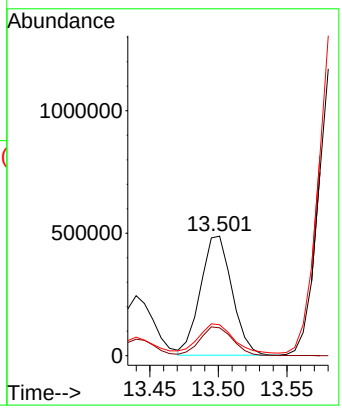




#86
p-Isopropyltoluene
Concen: 62.885 ug/l
RT: 13.501 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031777.D
Acq: 09 Jul 2025 15:40

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
APPROVED

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%

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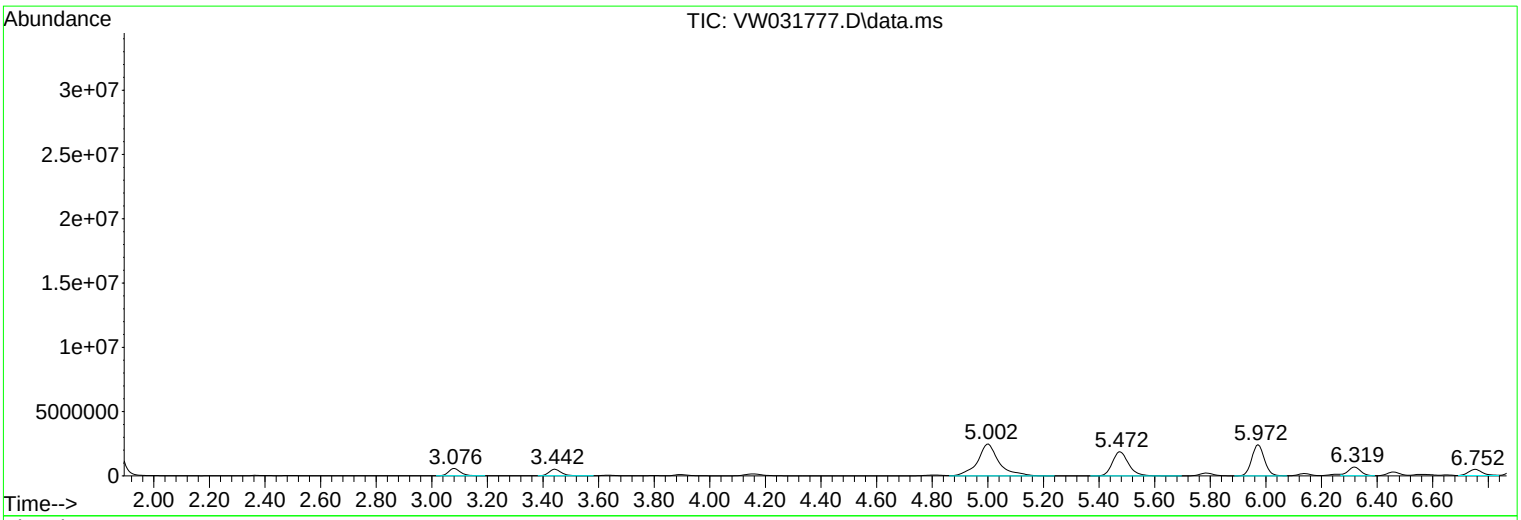
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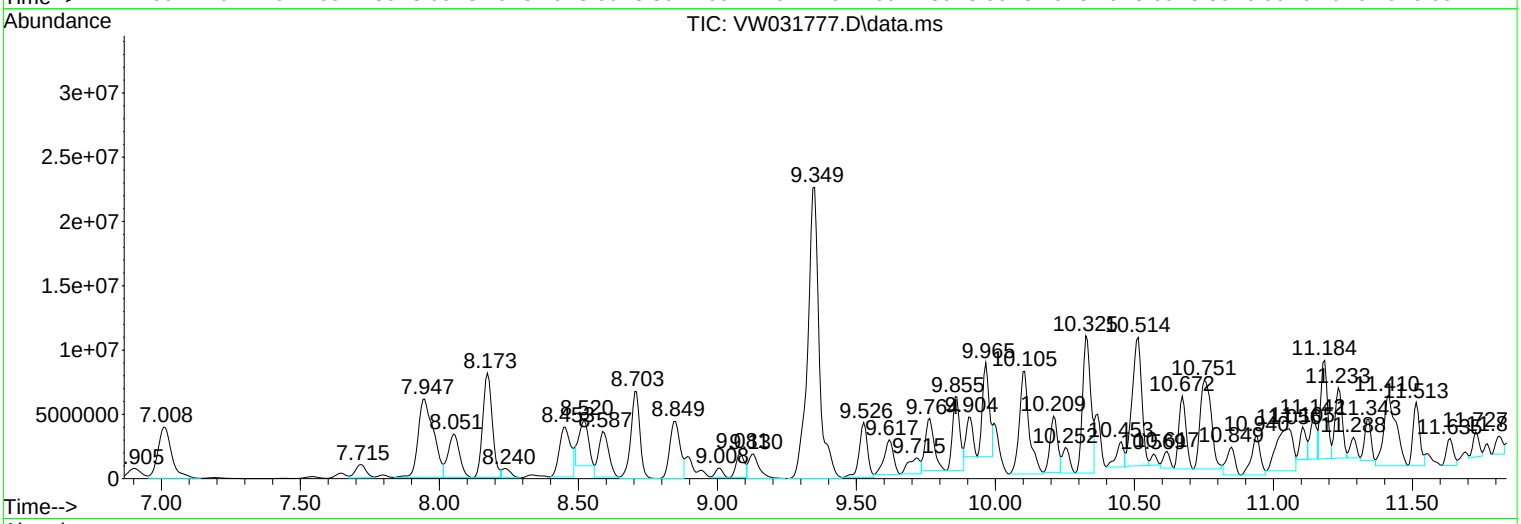
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Acq On : 09 Jul 2025 15:40
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Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

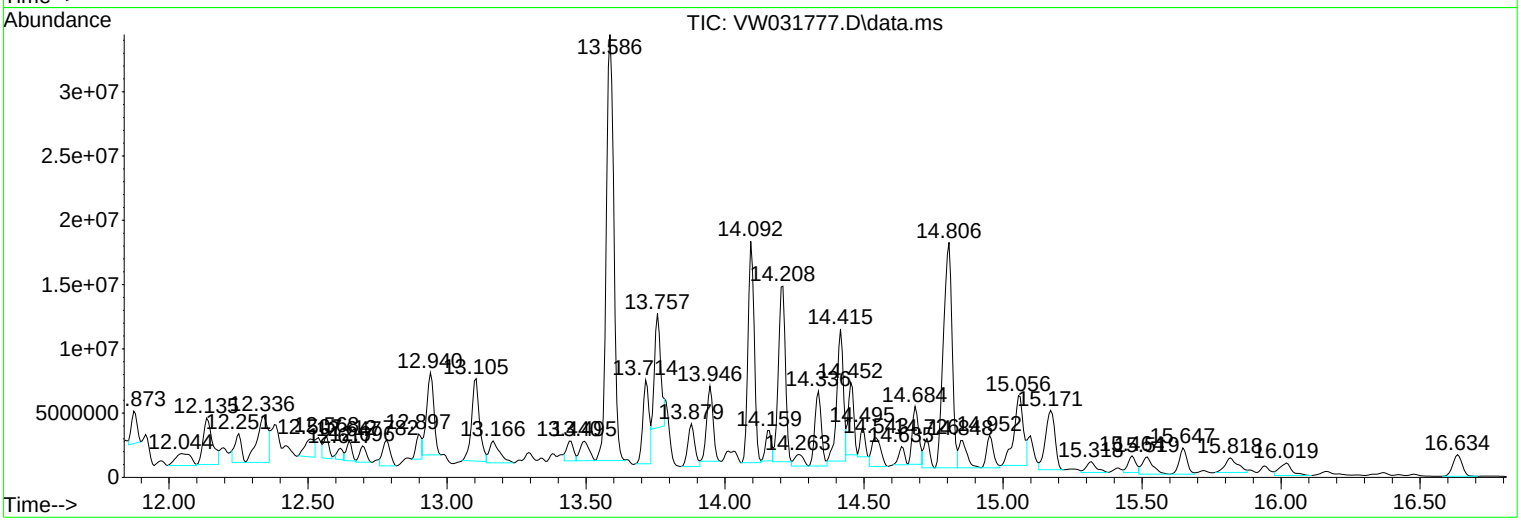
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ClientSampleId :
GPX7

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

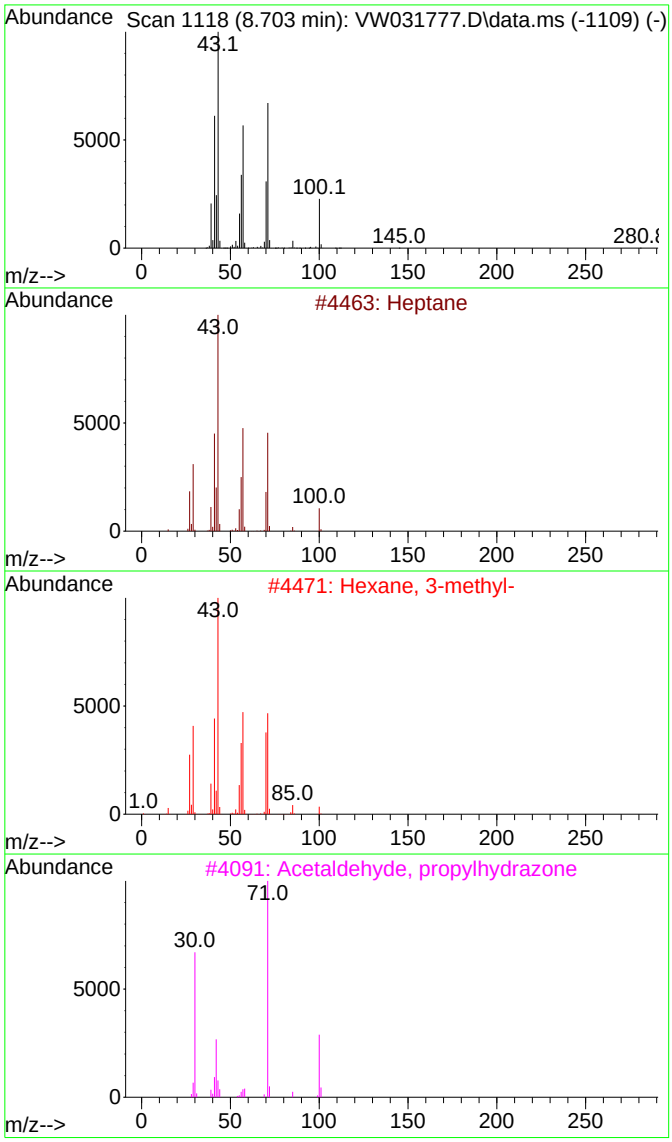
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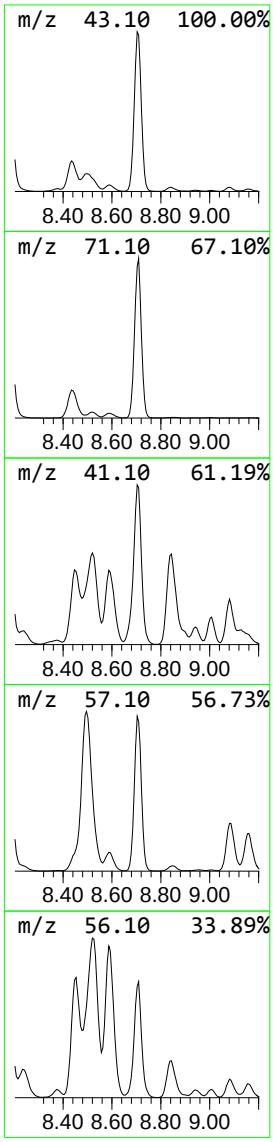
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Peak Number 1 Heptane Concentration Rank 14

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

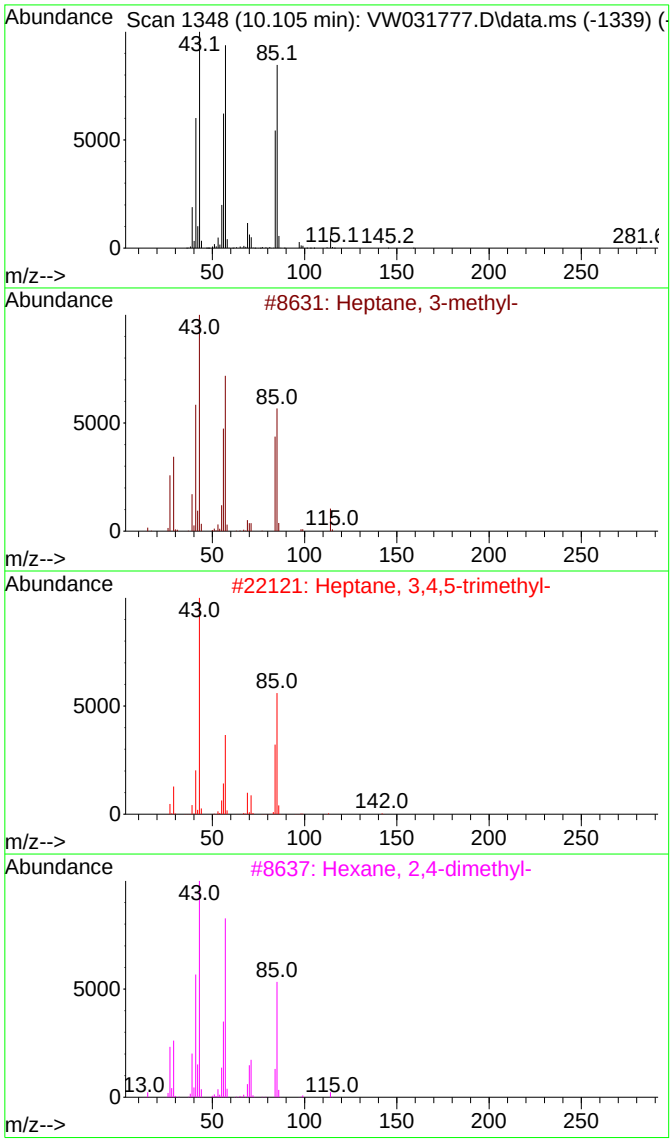
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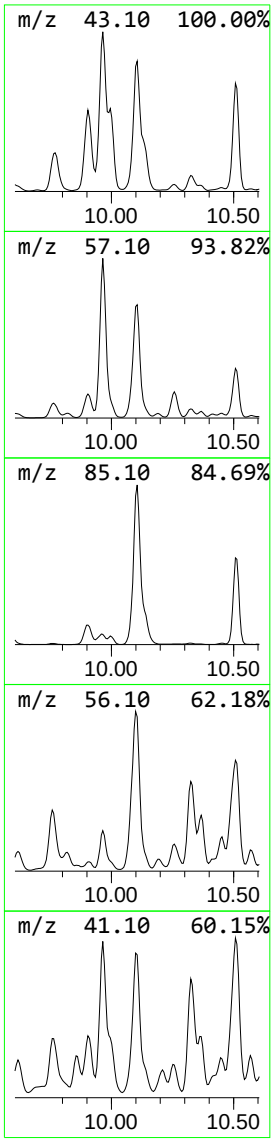
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Peak Number 2 Heptane, 3-methyl- Concentration Rank 11

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

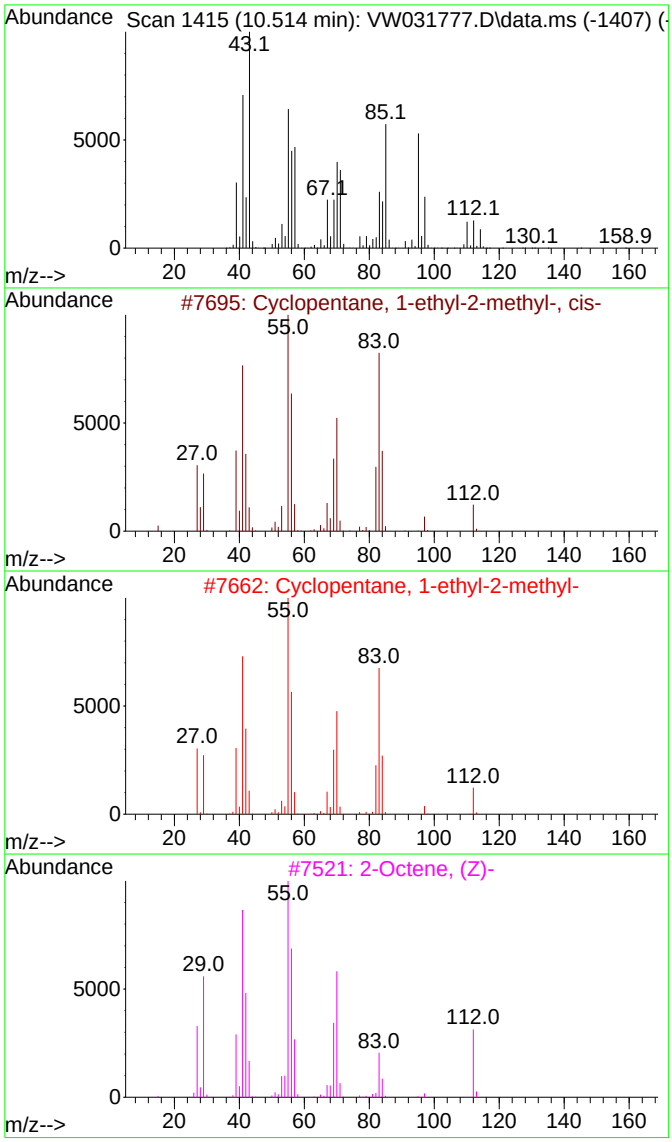
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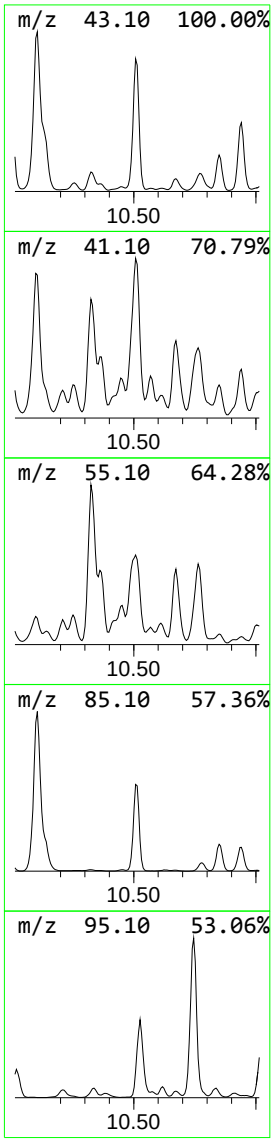
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Peak Number 3 unknown10.514 Concentration Rank 1

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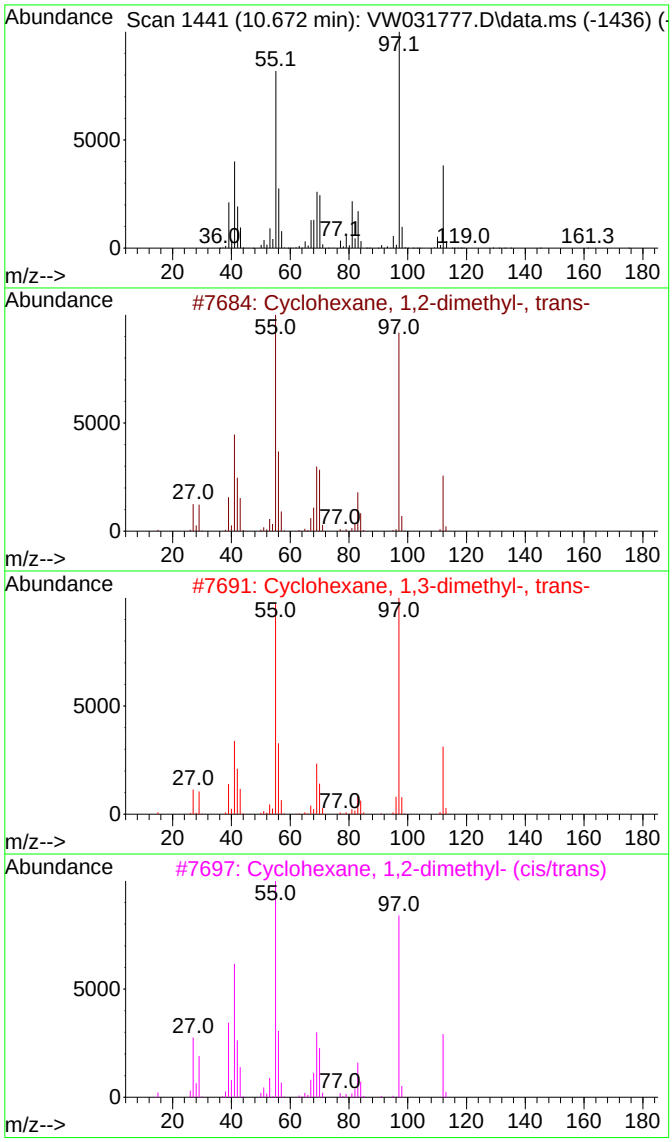
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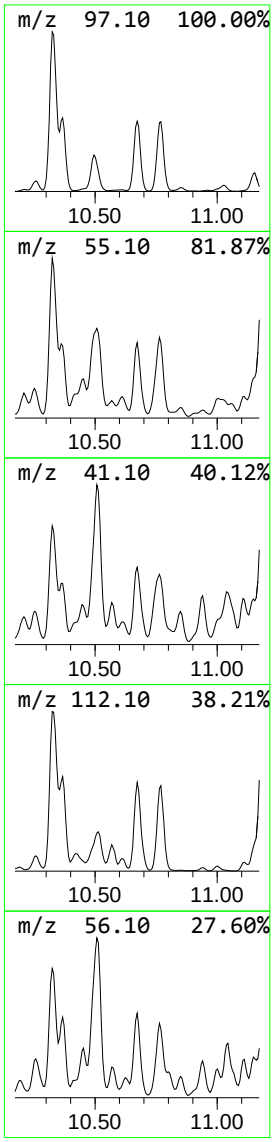
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

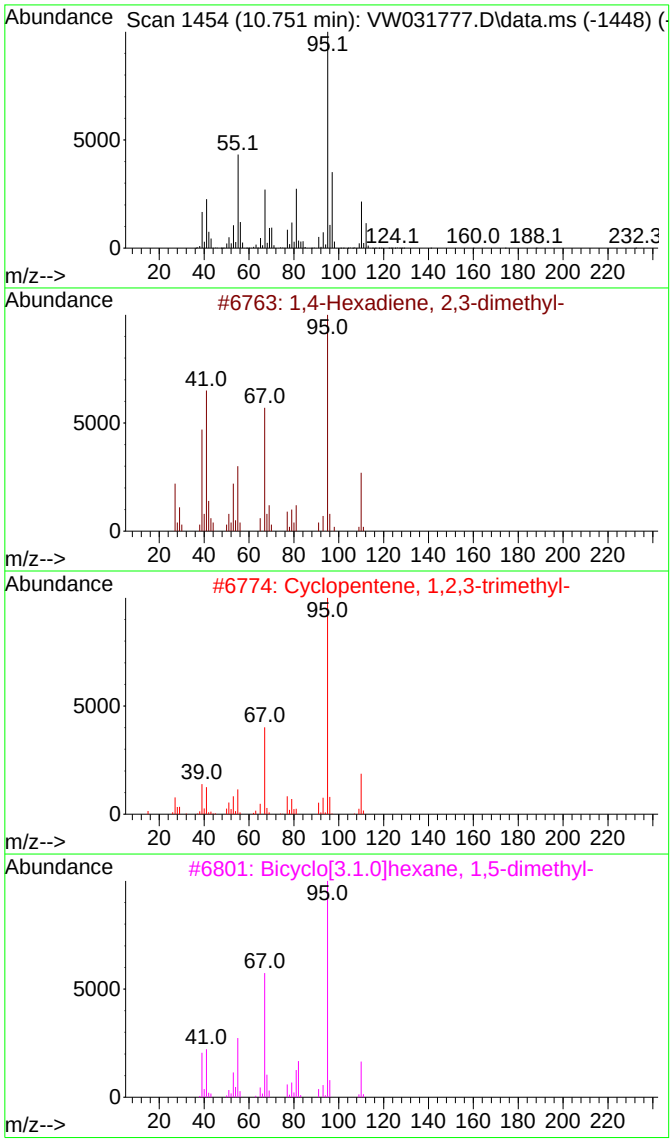
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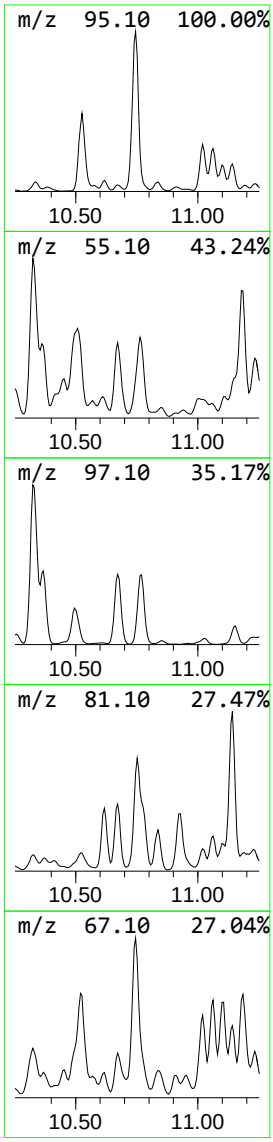
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

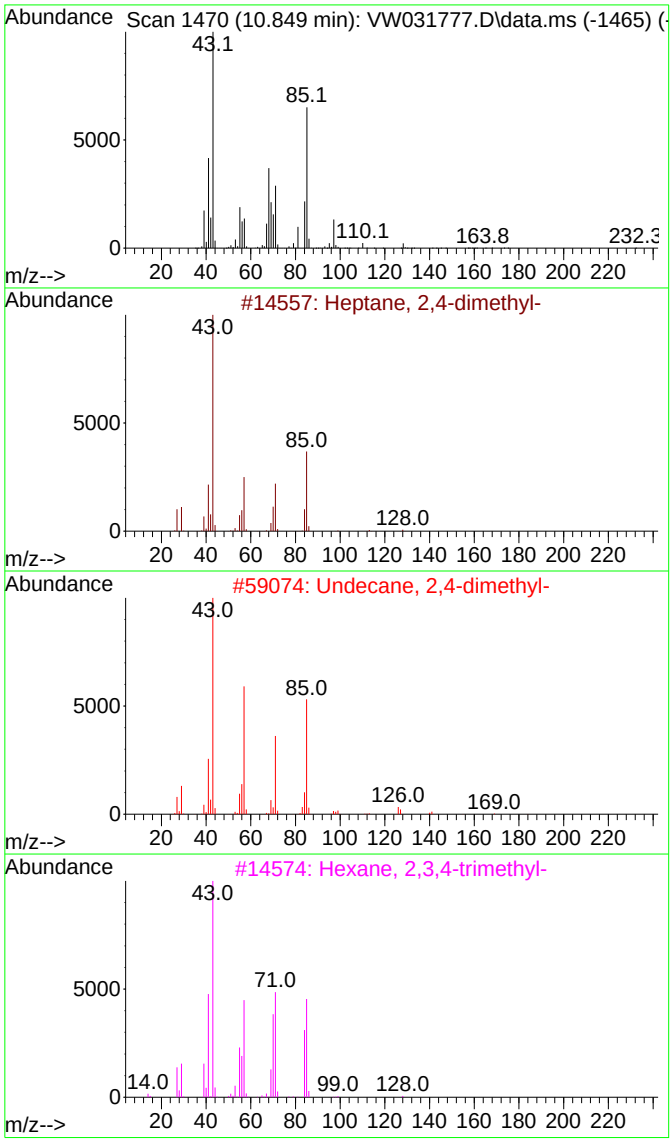
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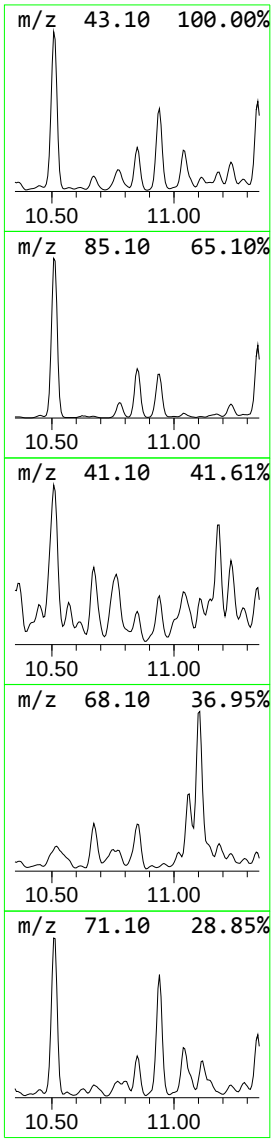
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Peak Number 6 unknown10.849 Concentration Rank 15

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

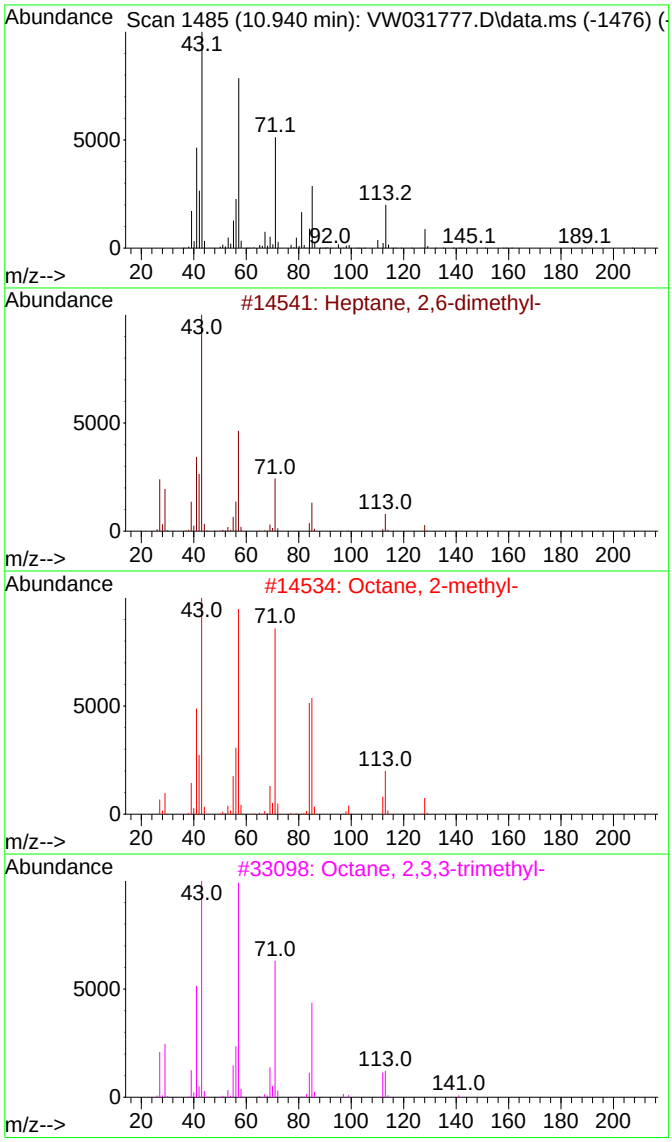
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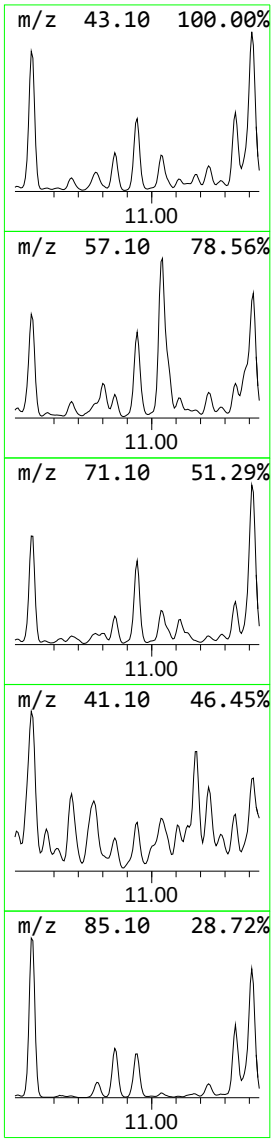
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Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 10

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





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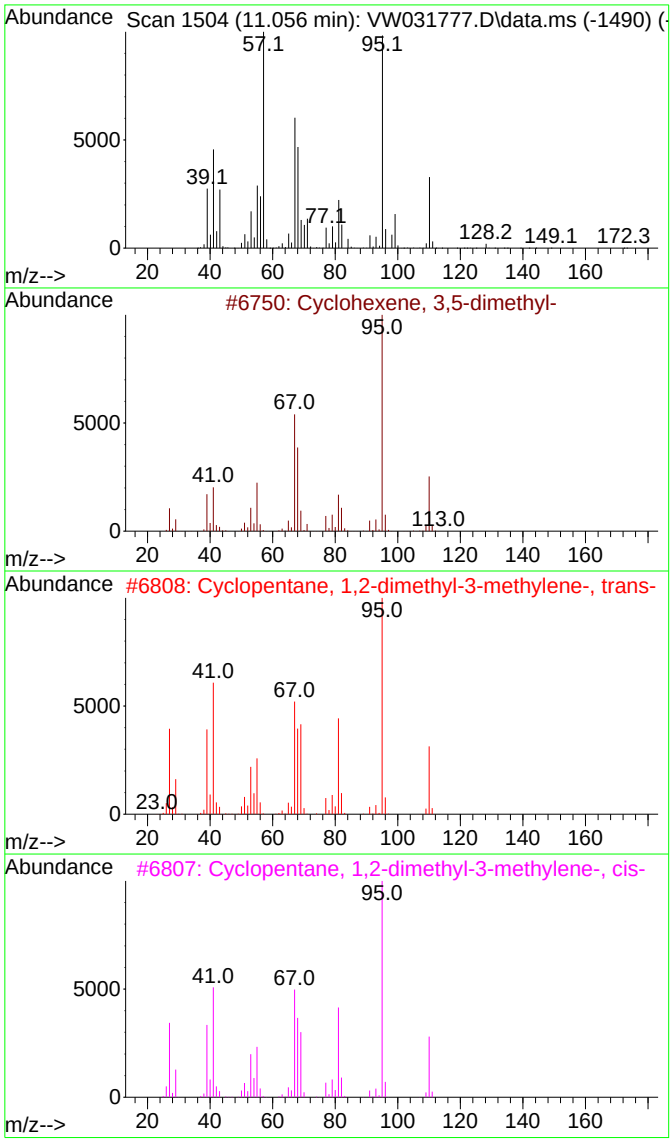
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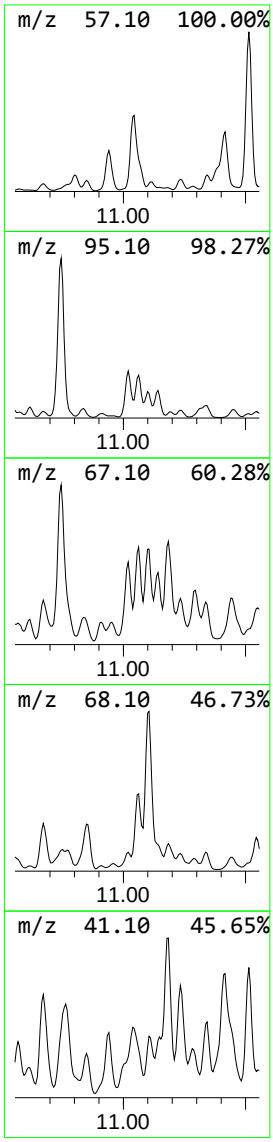
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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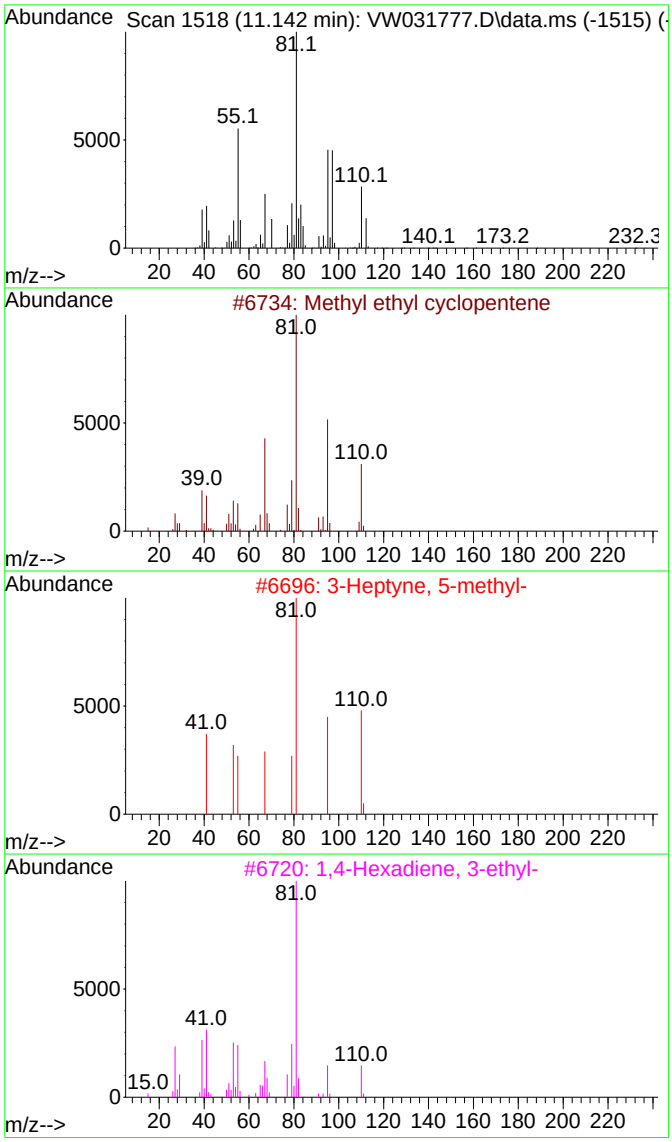
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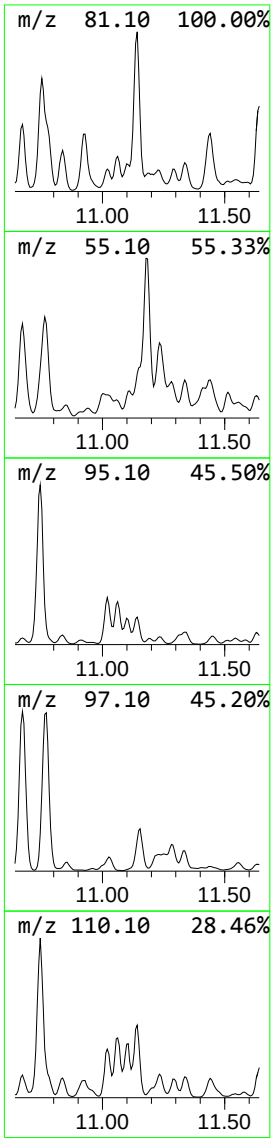
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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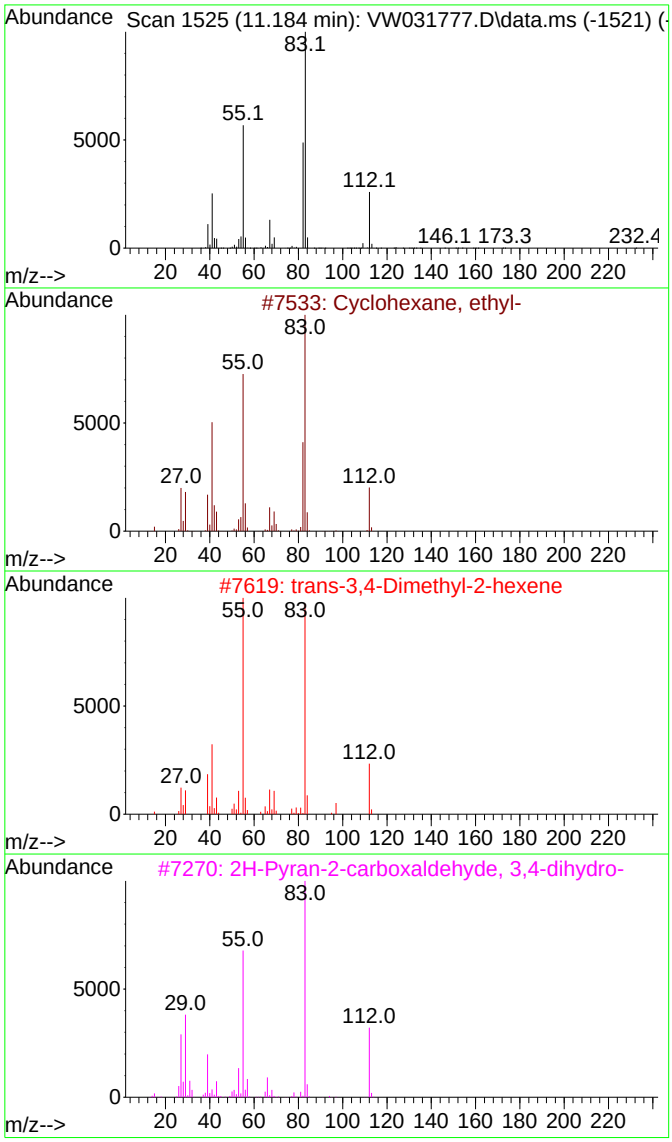
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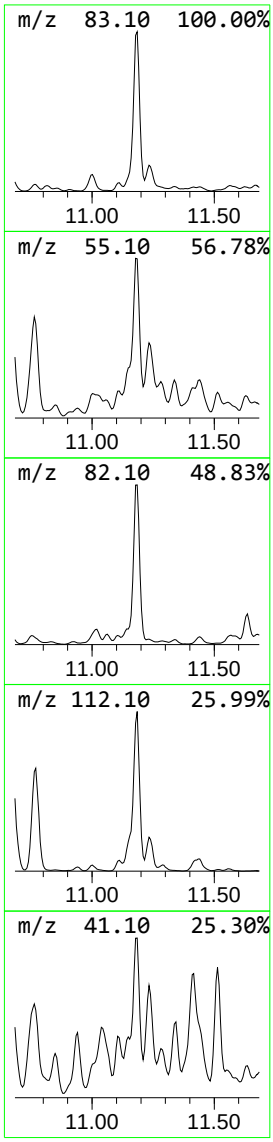
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

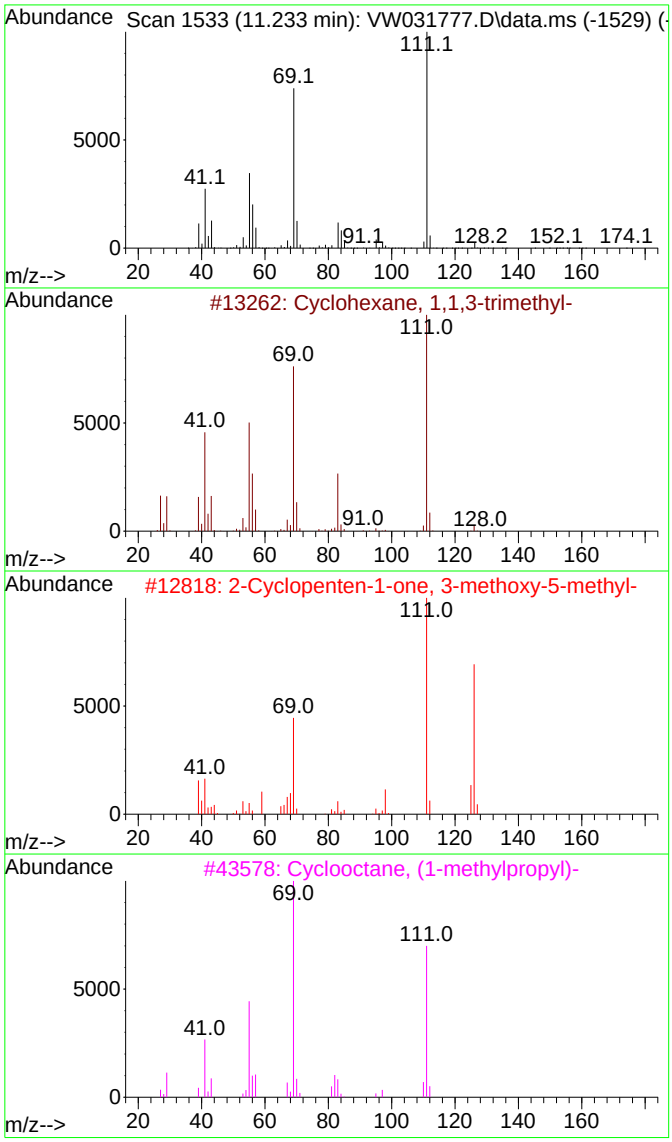
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Quant Title : SW846 8260

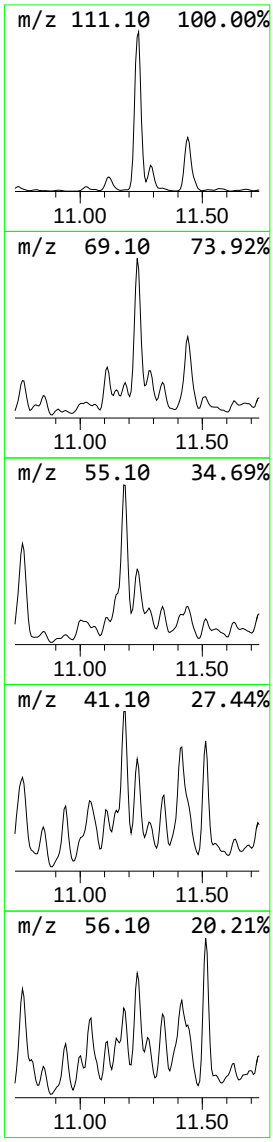
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

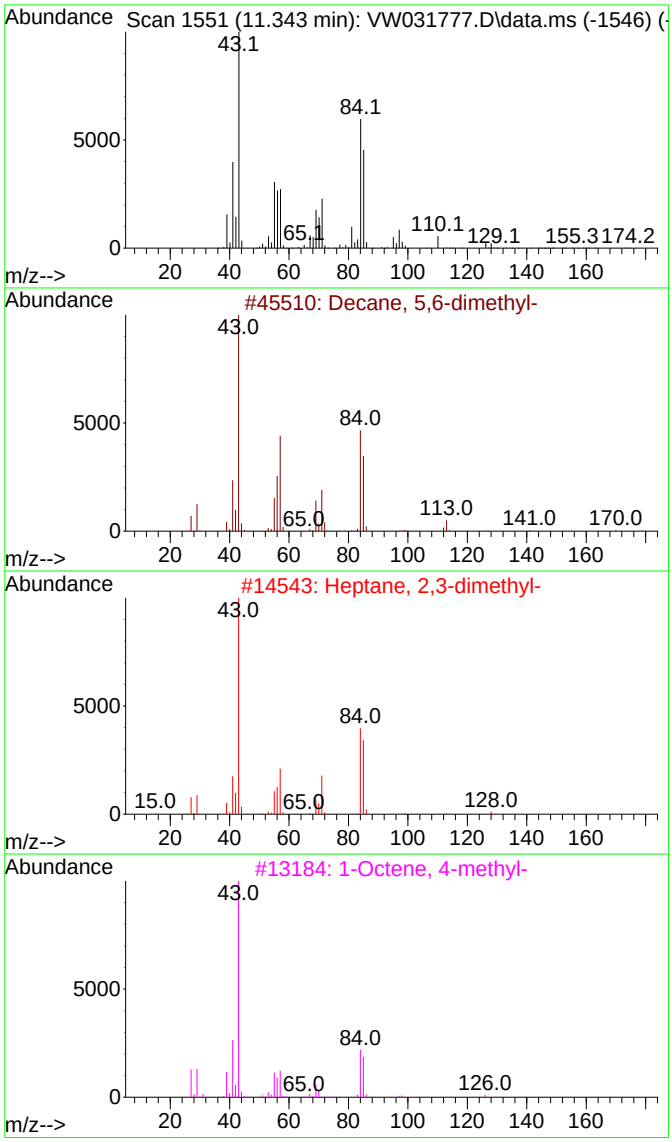
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Quant Title : SW846 8260

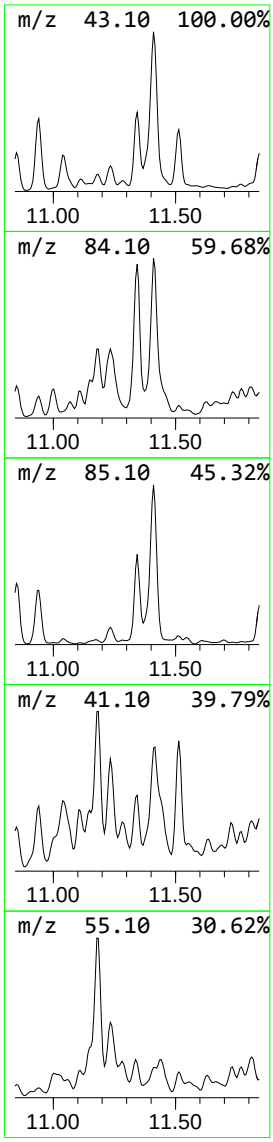
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

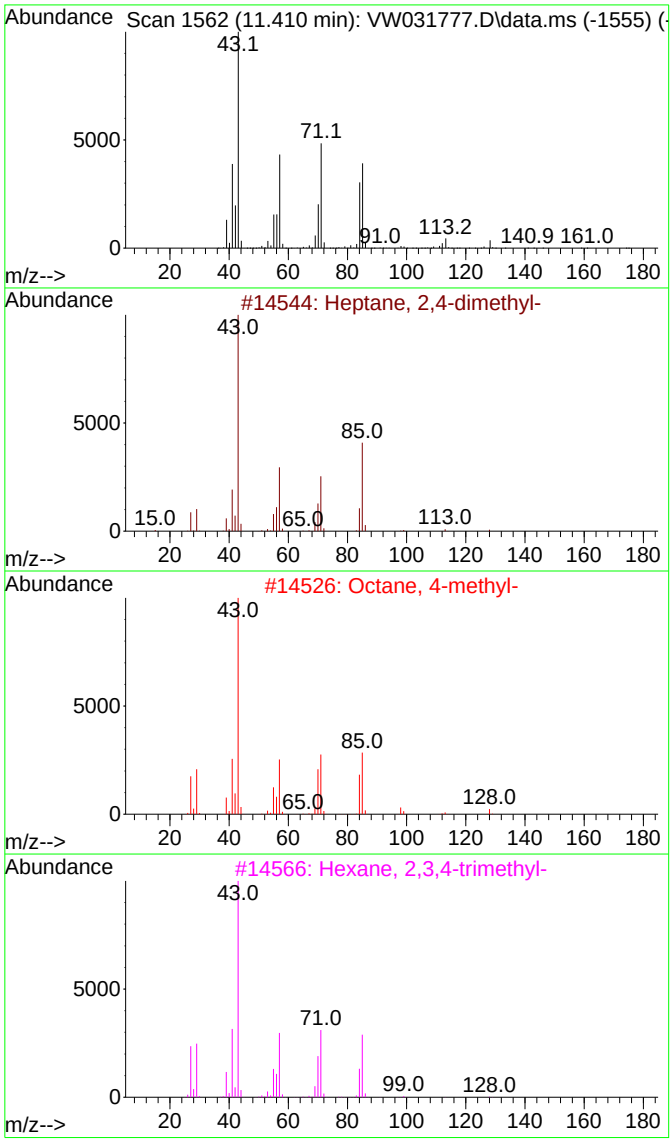
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Quant Title : SW846 8260

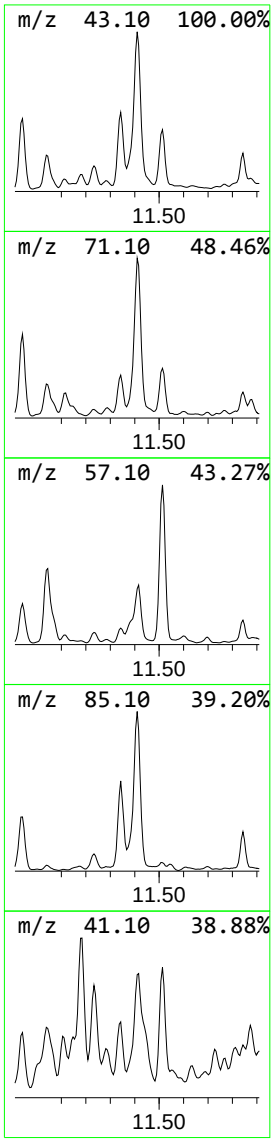
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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

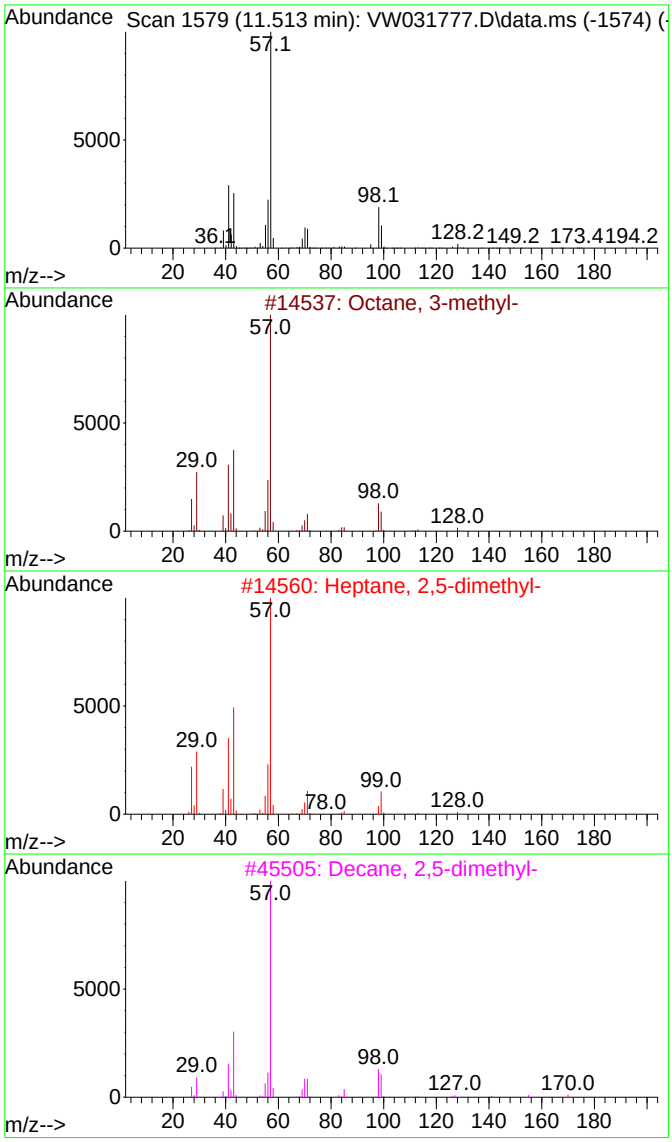
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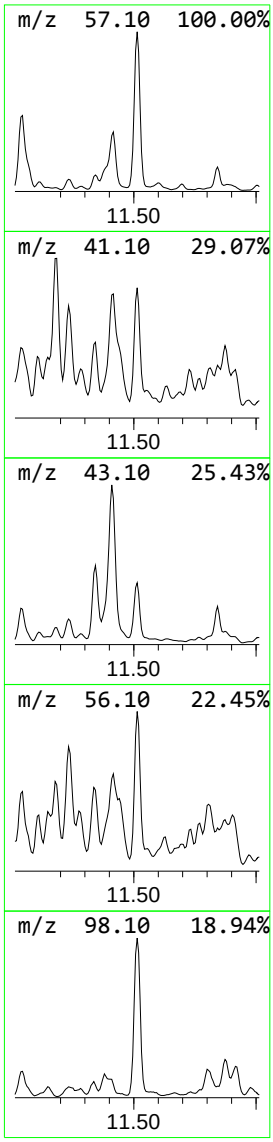
****

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

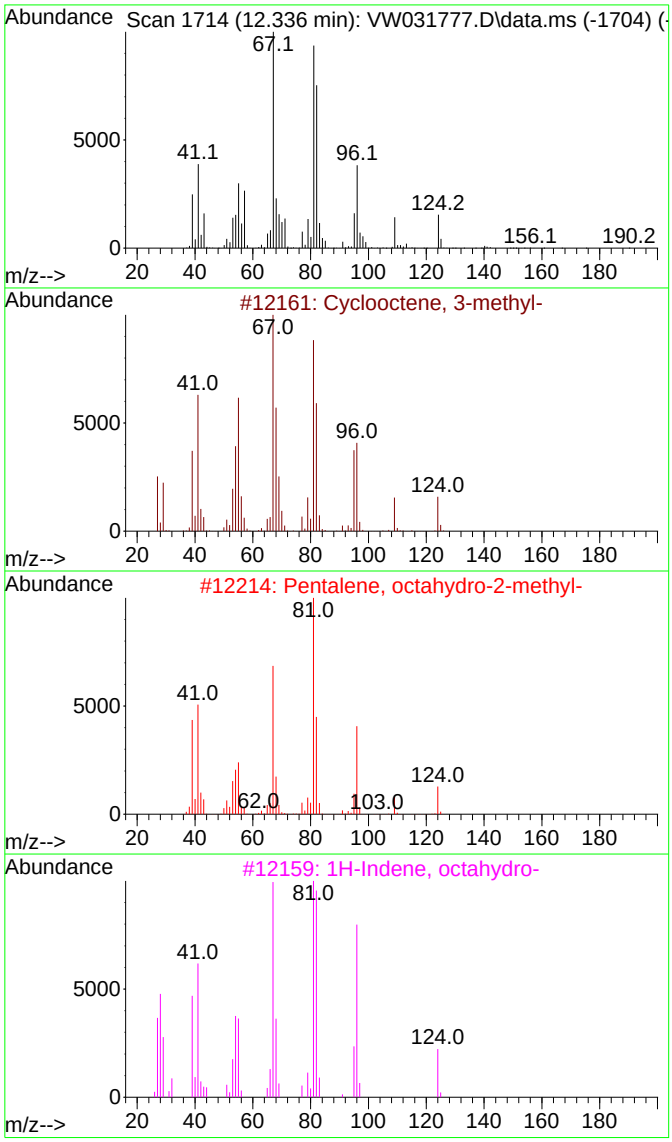
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Quant Title : SW846 8260

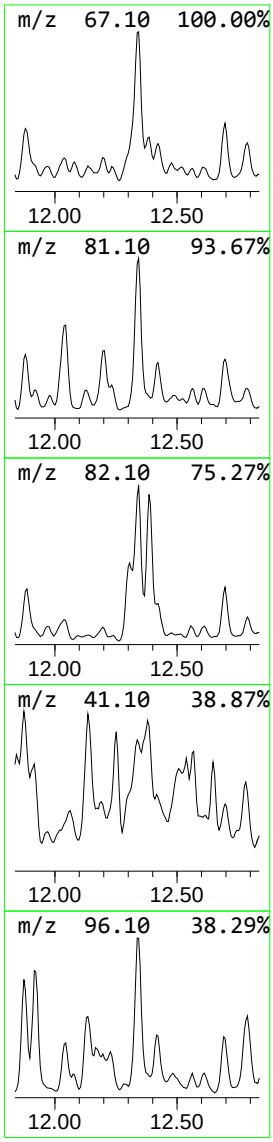
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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

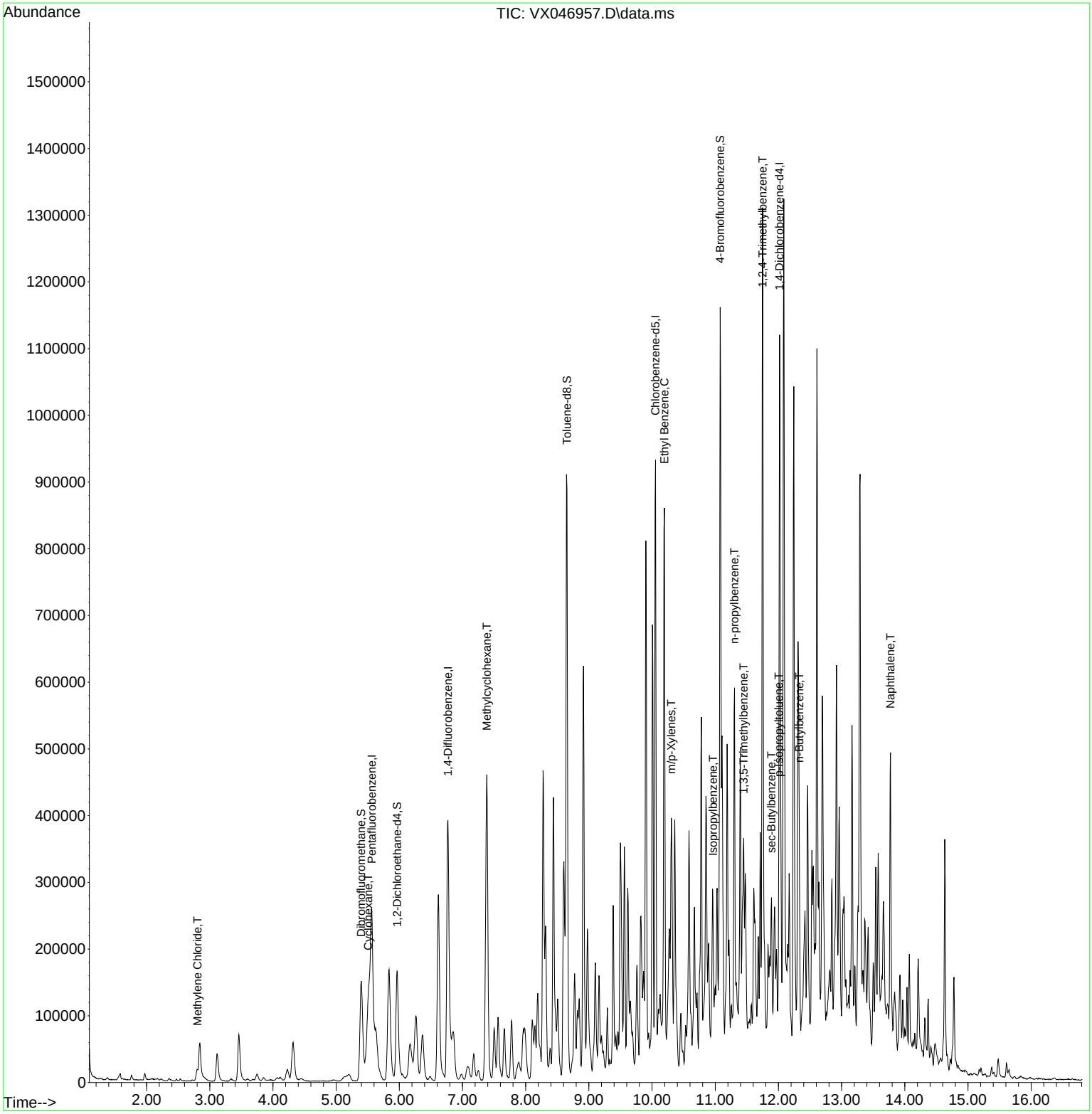
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Data File : VX046957.D
Acq On : 10 Jul 2025 19:41
Operator : JC/MD
Sample : Q2480-07ME 10X
Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

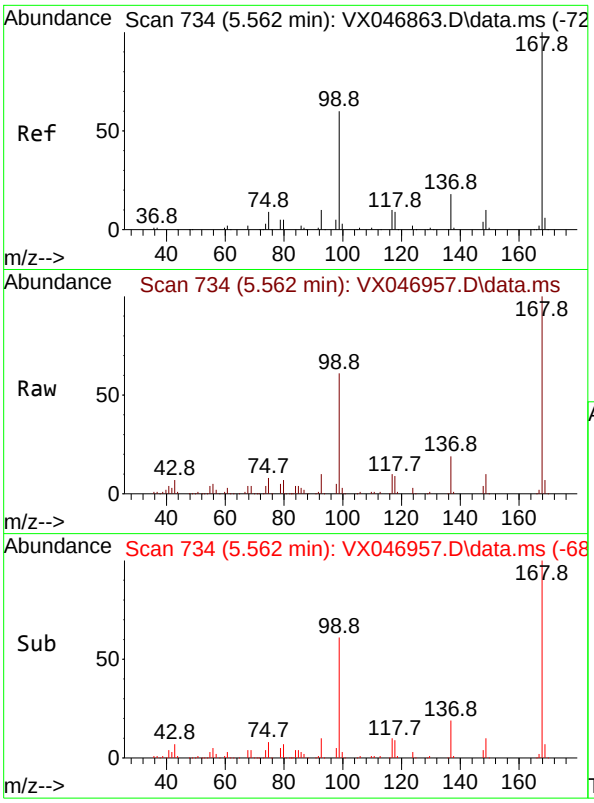
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

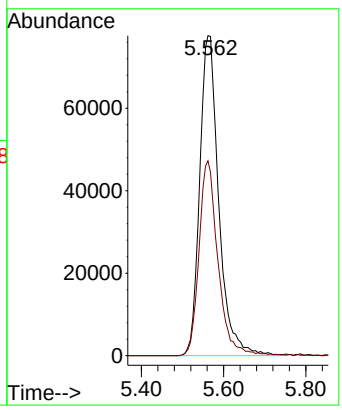




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:168 Resp: 24955

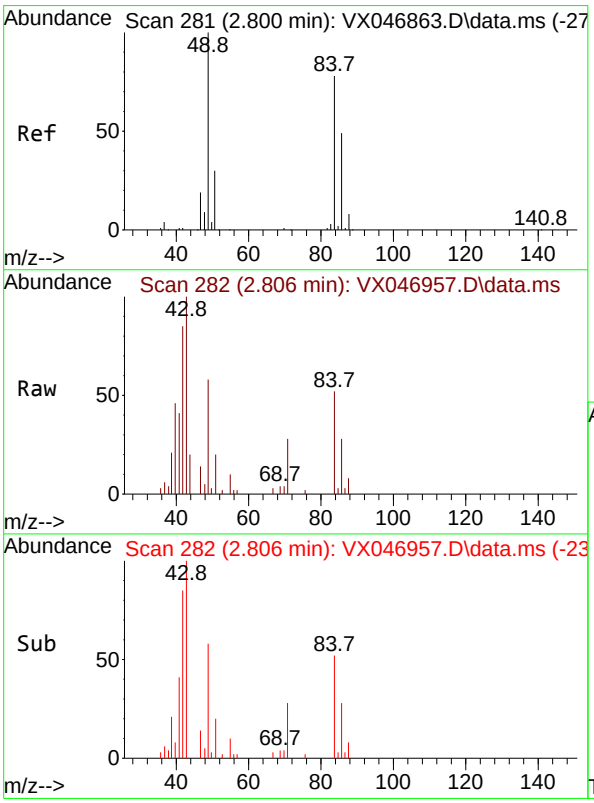
Ion	Ratio	Lower	Upper
168	100		
99	60.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

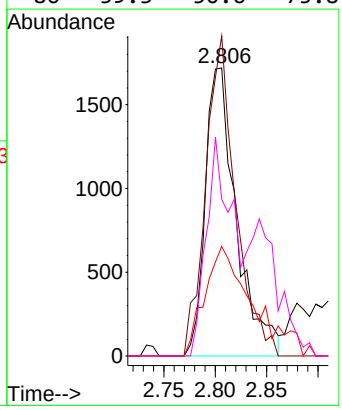
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

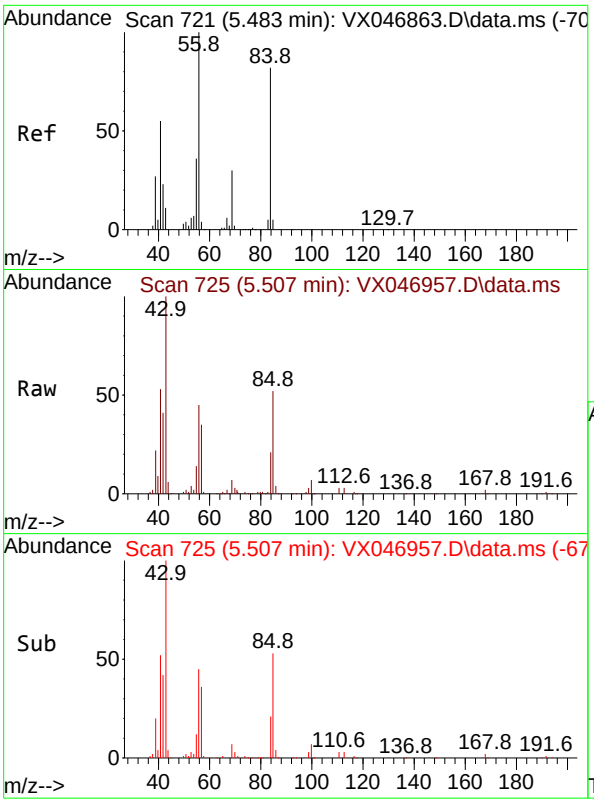


#20
Methylene Chloride
Concen: 1.198 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

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

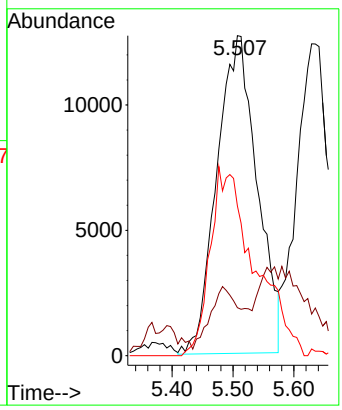




#31
Cyclohexane
Concen: 12.352 ug/l
RT: 5.507 min Scan# 7
Delta R.T. 0.024 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 56 Resp: 5821

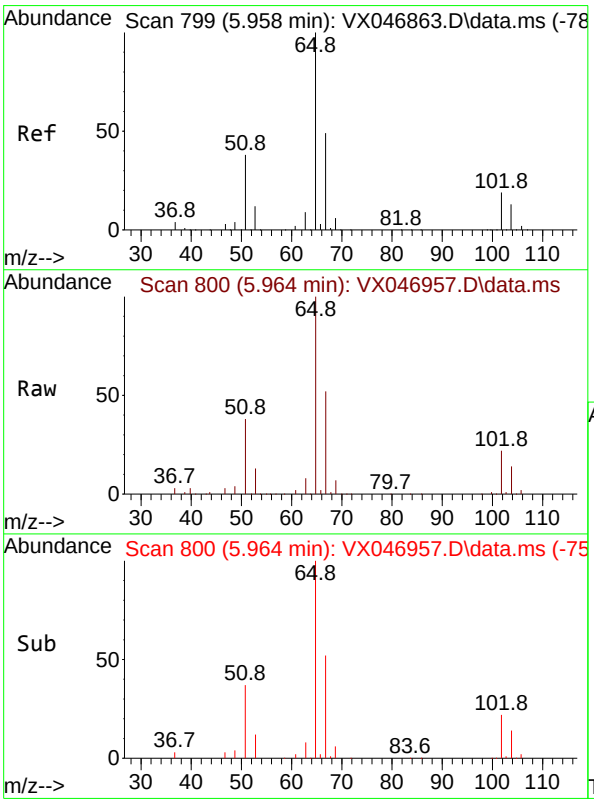
Ion	Ratio	Lower	Upper
56	100		
69	11.5	24.0	36.0#
84	47.2	66.5	99.7#



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

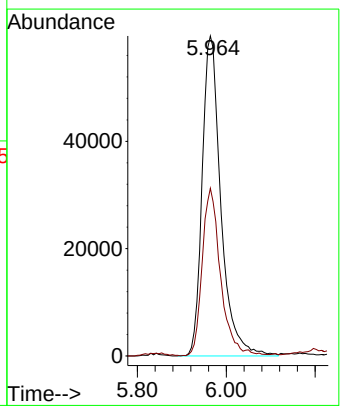
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

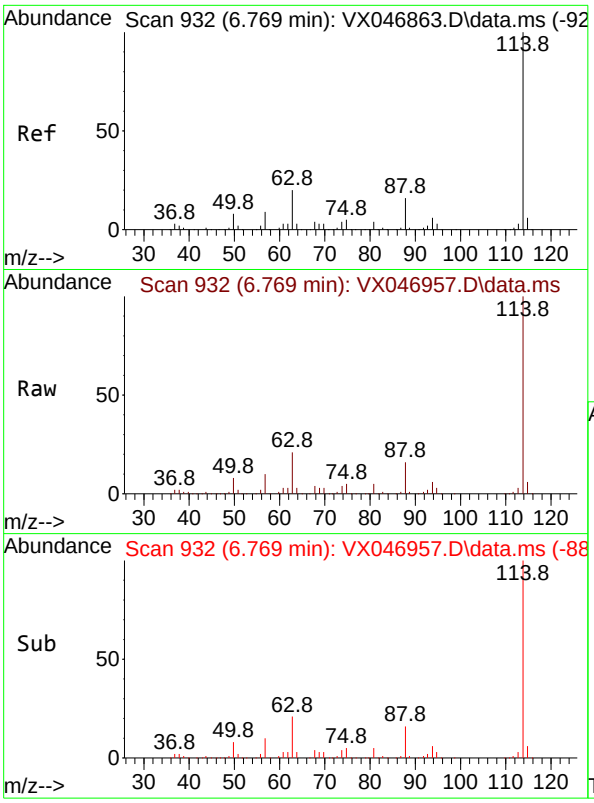


#33
1,2-Dichloroethane-d4
Concen: 53.095 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 65 Resp: 175050

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.2

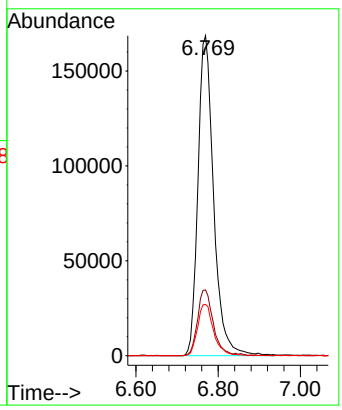




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:114 Resp: 44578

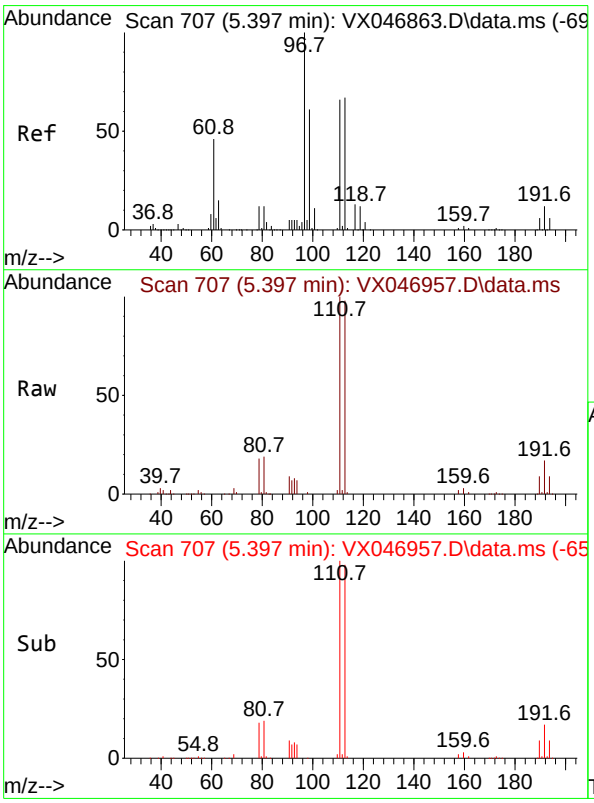
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	16.0	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

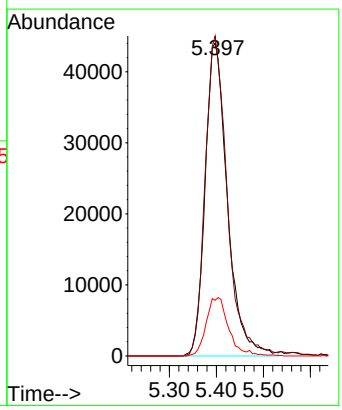
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

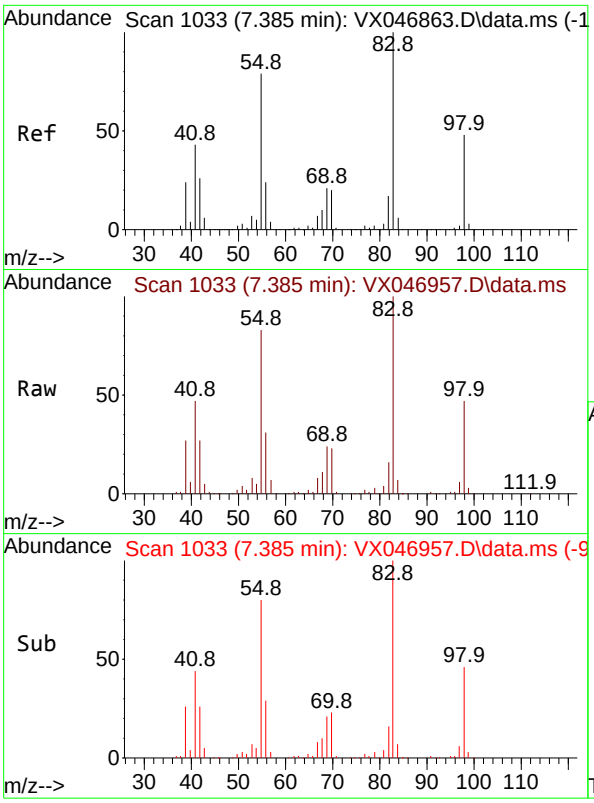


#35
Dibromofluoromethane
Concen: 47.971 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

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

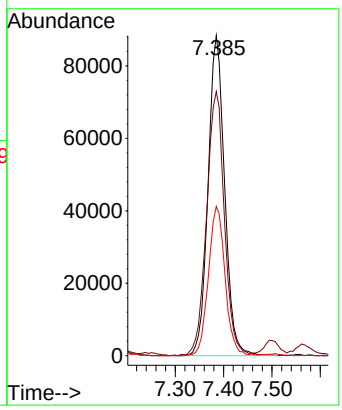




#39
Methylcyclohexane
Concen: 41.145 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 83 Resp: 21012

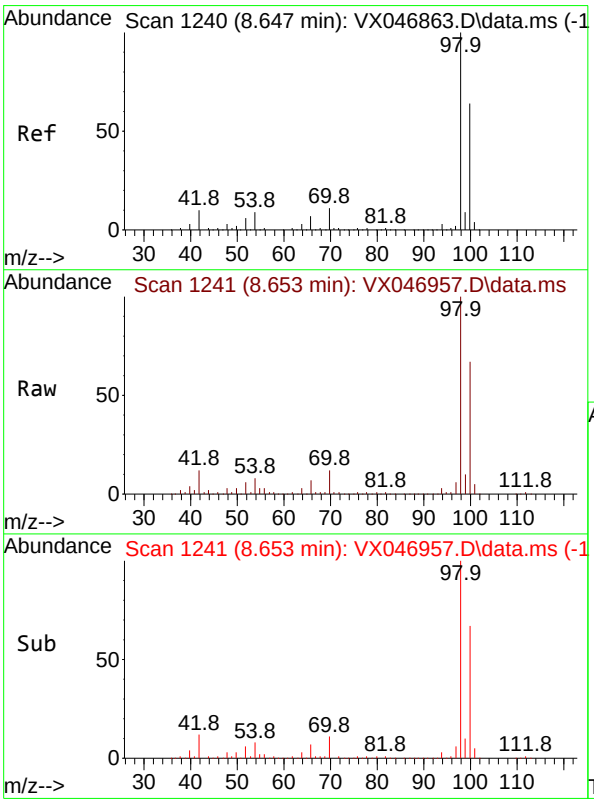
Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.0	94.4
98	46.7	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

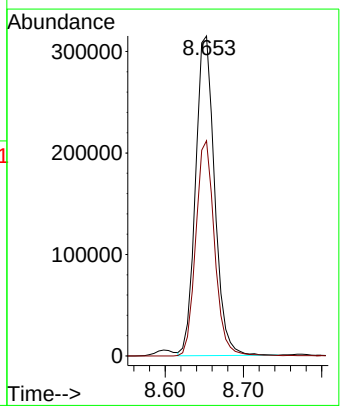
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

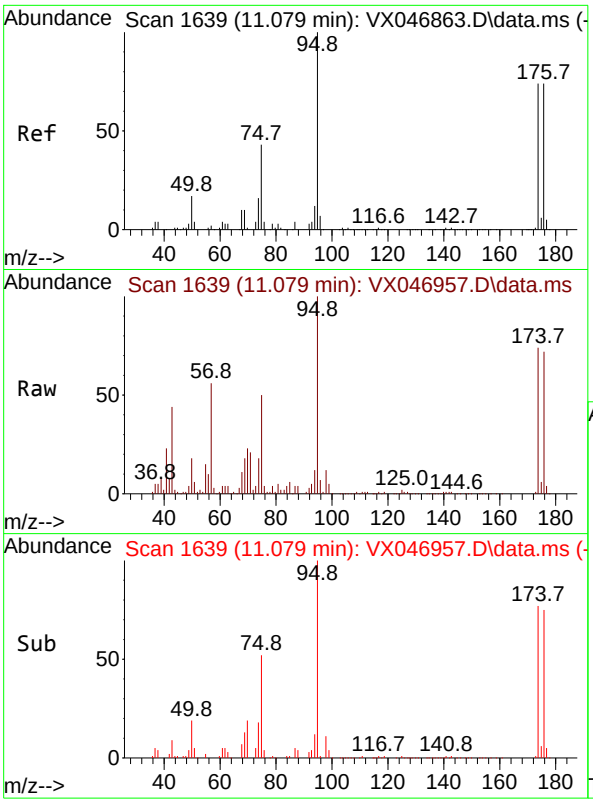


#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 98 Resp: 533493

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

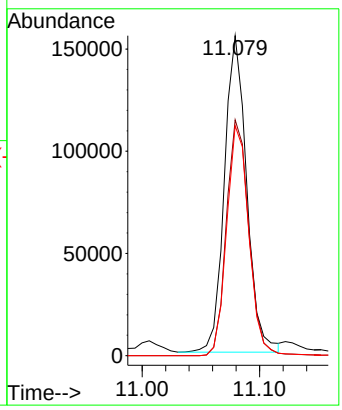




#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 95 Resp: 20420

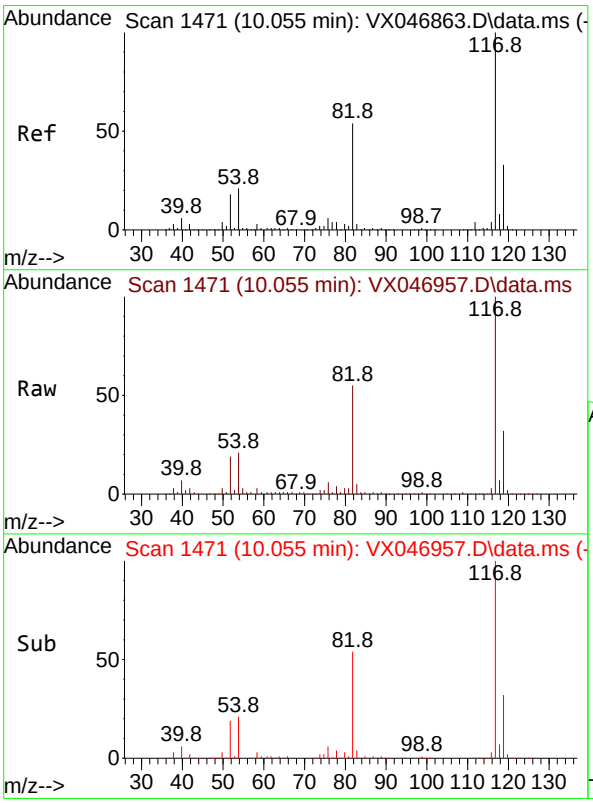
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	152.0
176	72.5	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

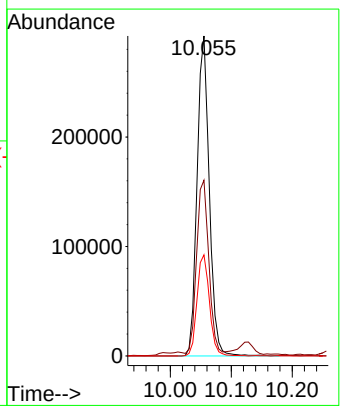
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

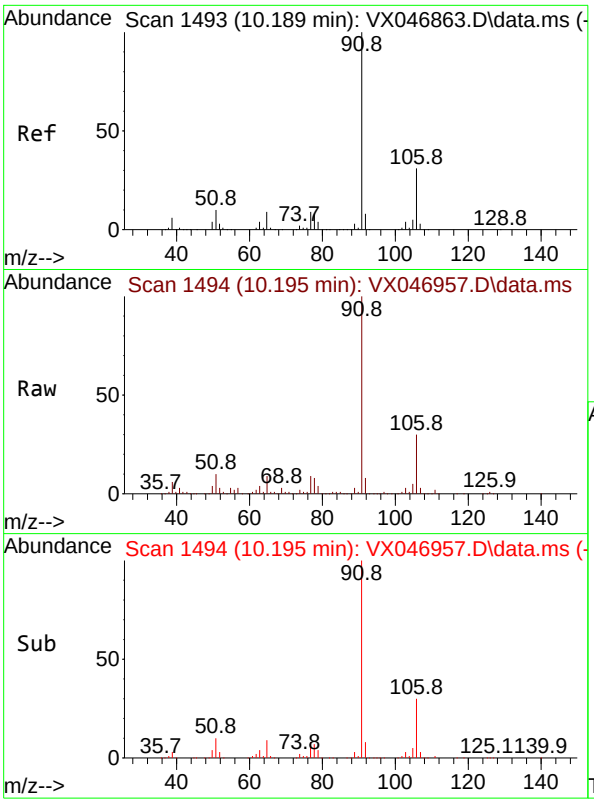


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

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

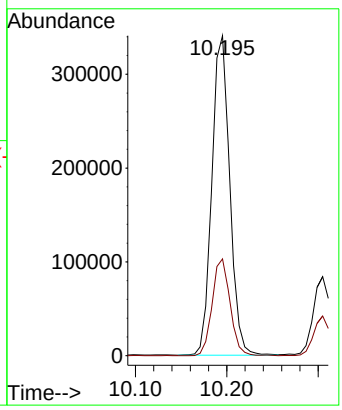




#67
Ethyl Benzene
Concen: 30.736 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 91 Resp: 46212

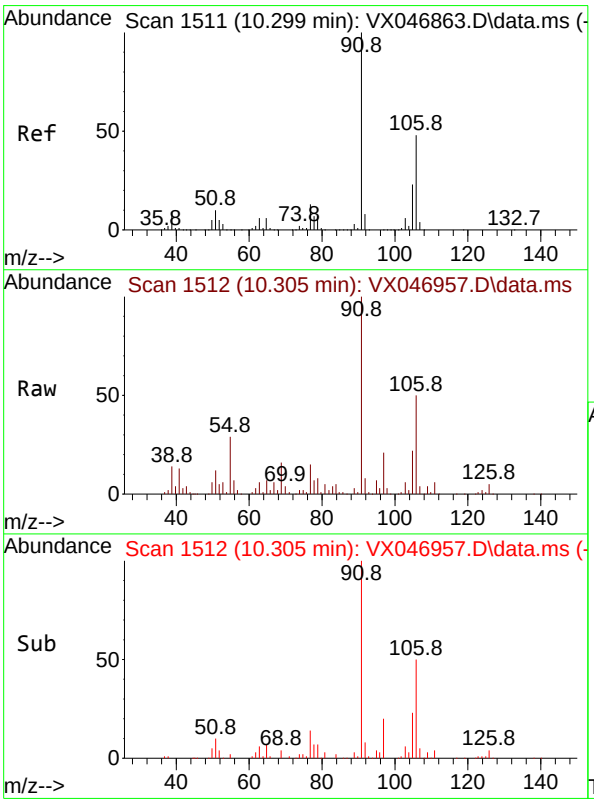
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

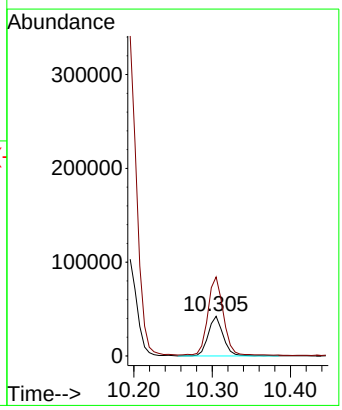
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

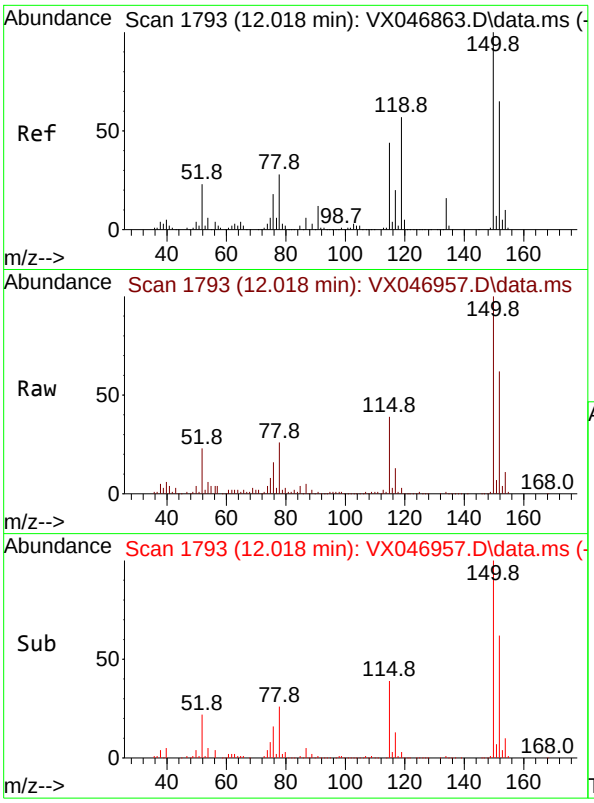


#68
m/p-Xylenes
Concen: 9.871 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:106 Resp: 55922

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.6	246.8

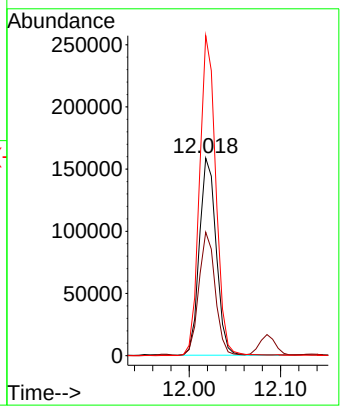




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:152 Resp: 20129

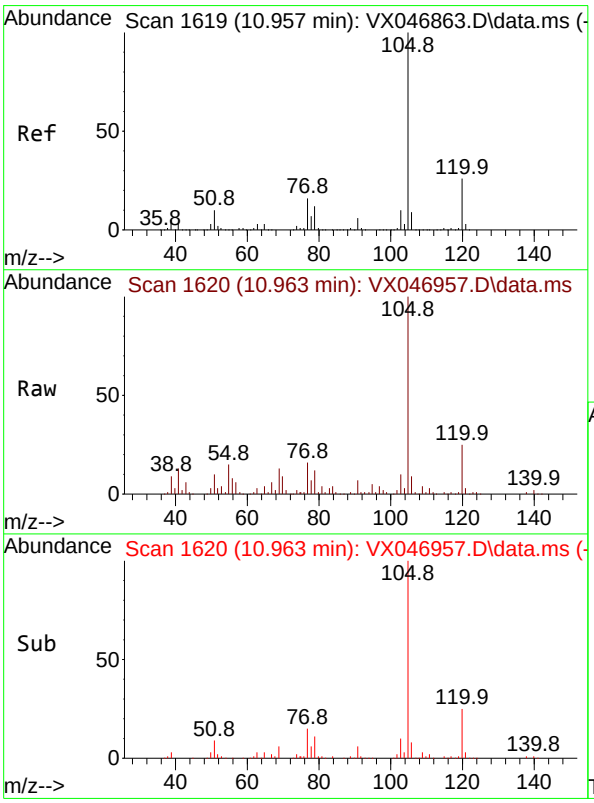
Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.4	127.1
150	158.6	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

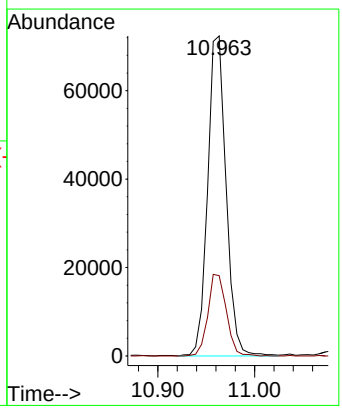
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

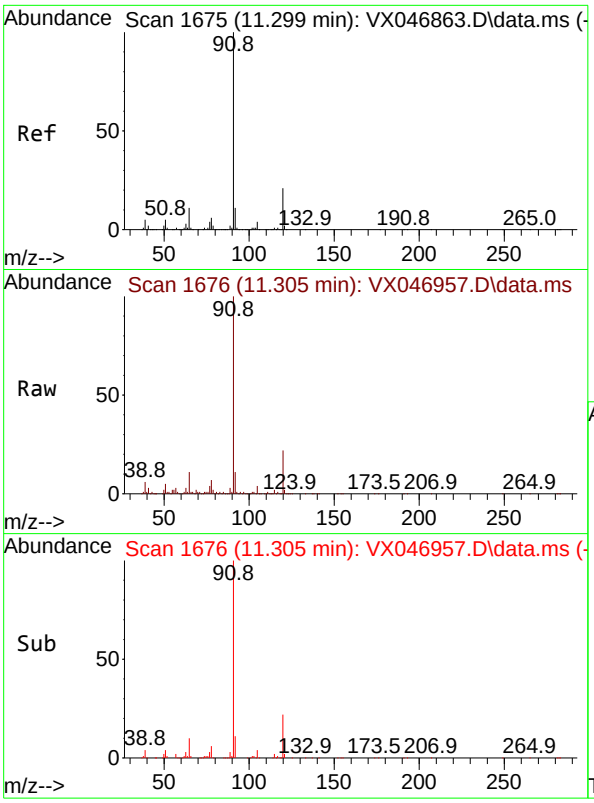


#73
Isopropylbenzene
Concen: 6.784 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 95991

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

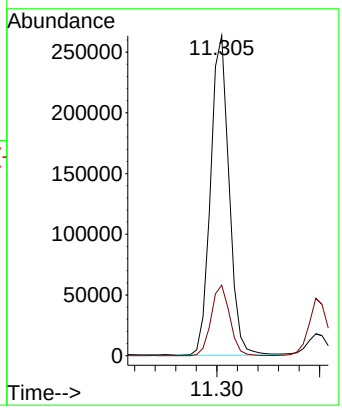




#78
n-propylbenzene
Concen: 19.252 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion: 91 Resp: 32848

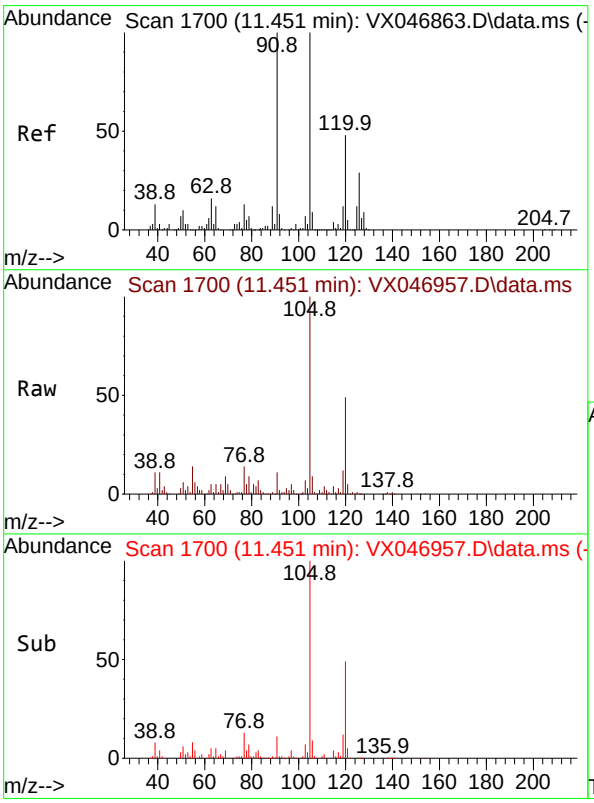
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

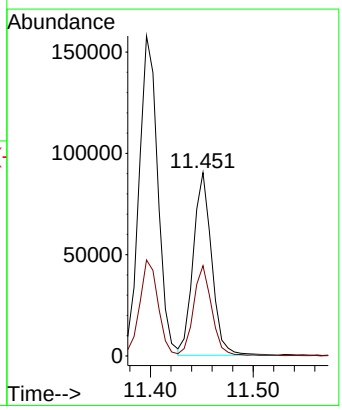
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

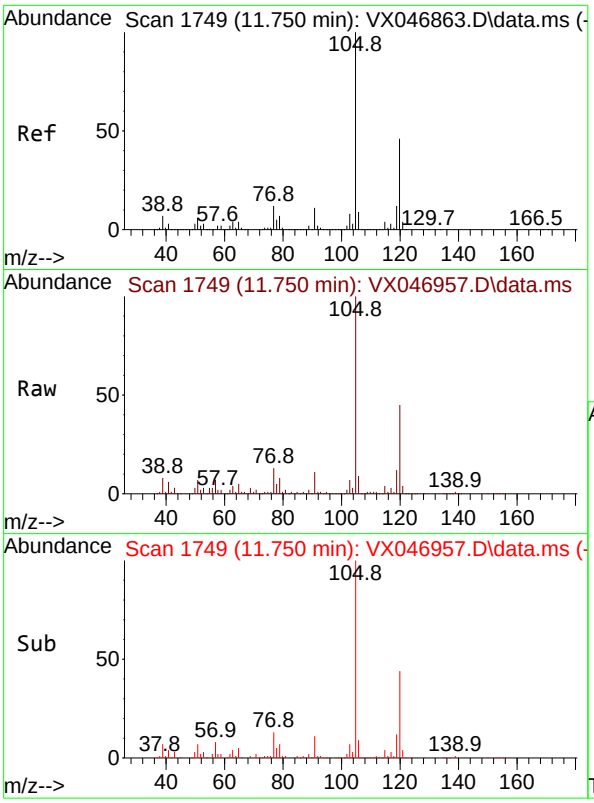


#80
1,3,5-Trimethylbenzene
Concen: 9.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 112636

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.1	72.4

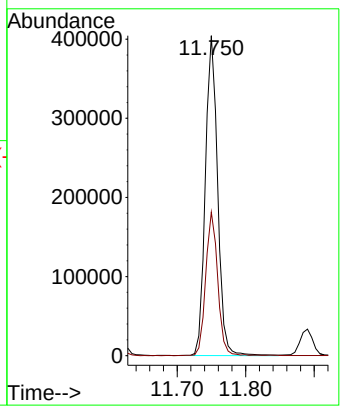




#84
1,2,4-Trimethylbenzene
Concen: 43.324 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 50349

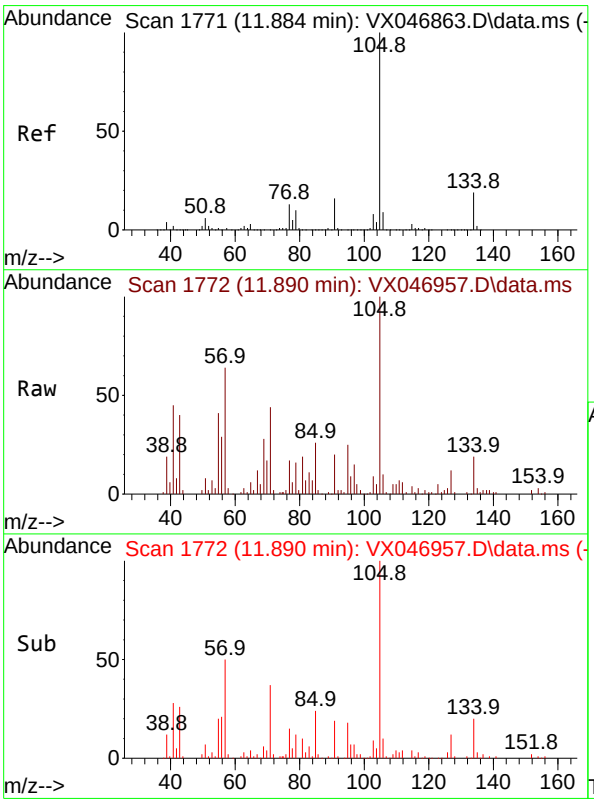
Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

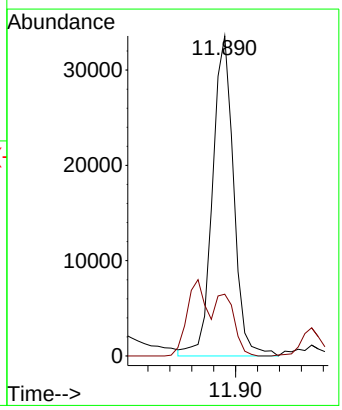
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

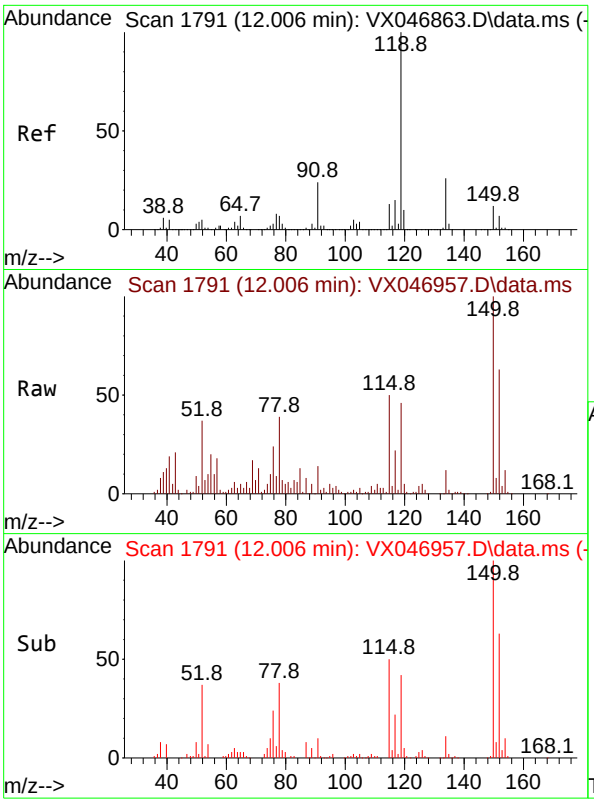


#85
sec-Butylbenzene
Concen: 3.000 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 44919

Ion	Ratio	Lower	Upper
105	100		
134	17.0	9.9	29.7

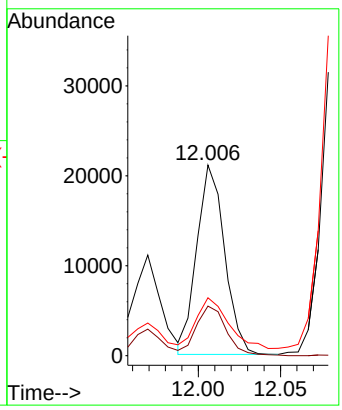




#86
p-Isopropyltoluene
Concen: 1.981 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:119 Resp: 2483

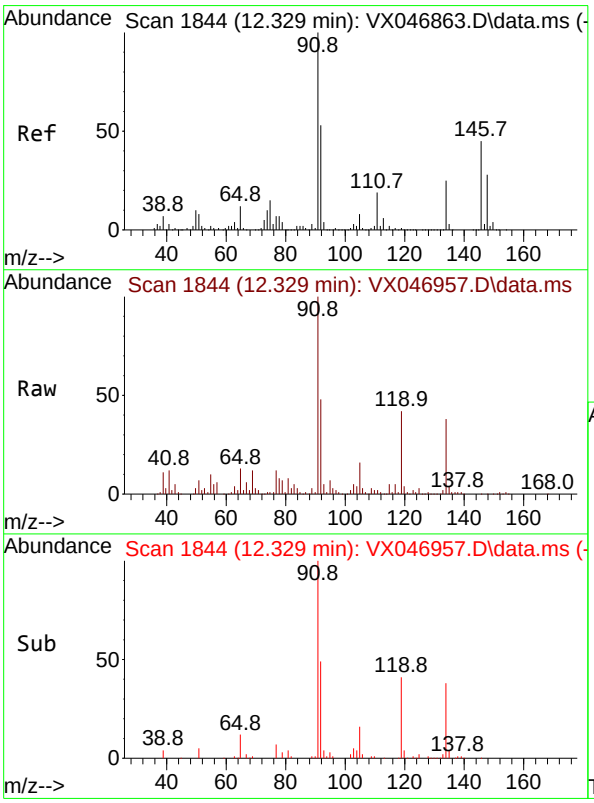
Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.0	39.0
91	30.1	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Manual Integrations
APPROVED

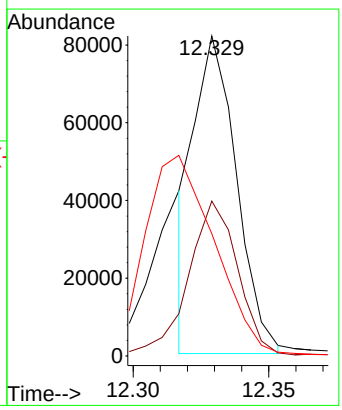
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

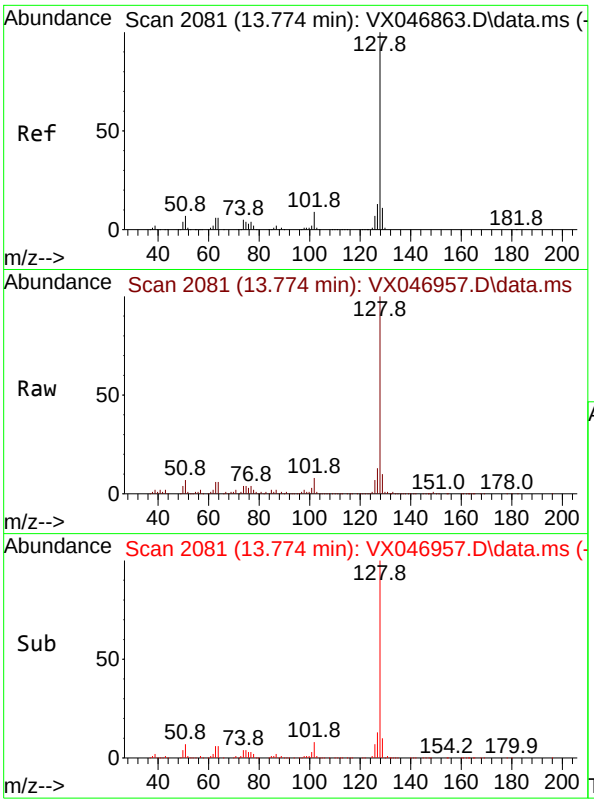


#89
n-Butylbenzene
Concen: 7.550 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

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#

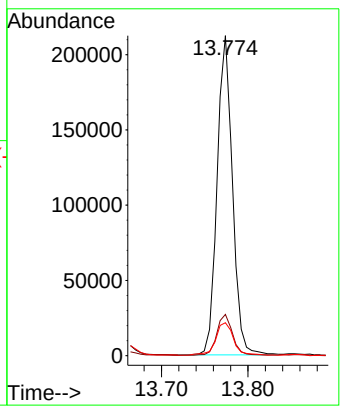




#95
Naphthalene
Concen: 22.832 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

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

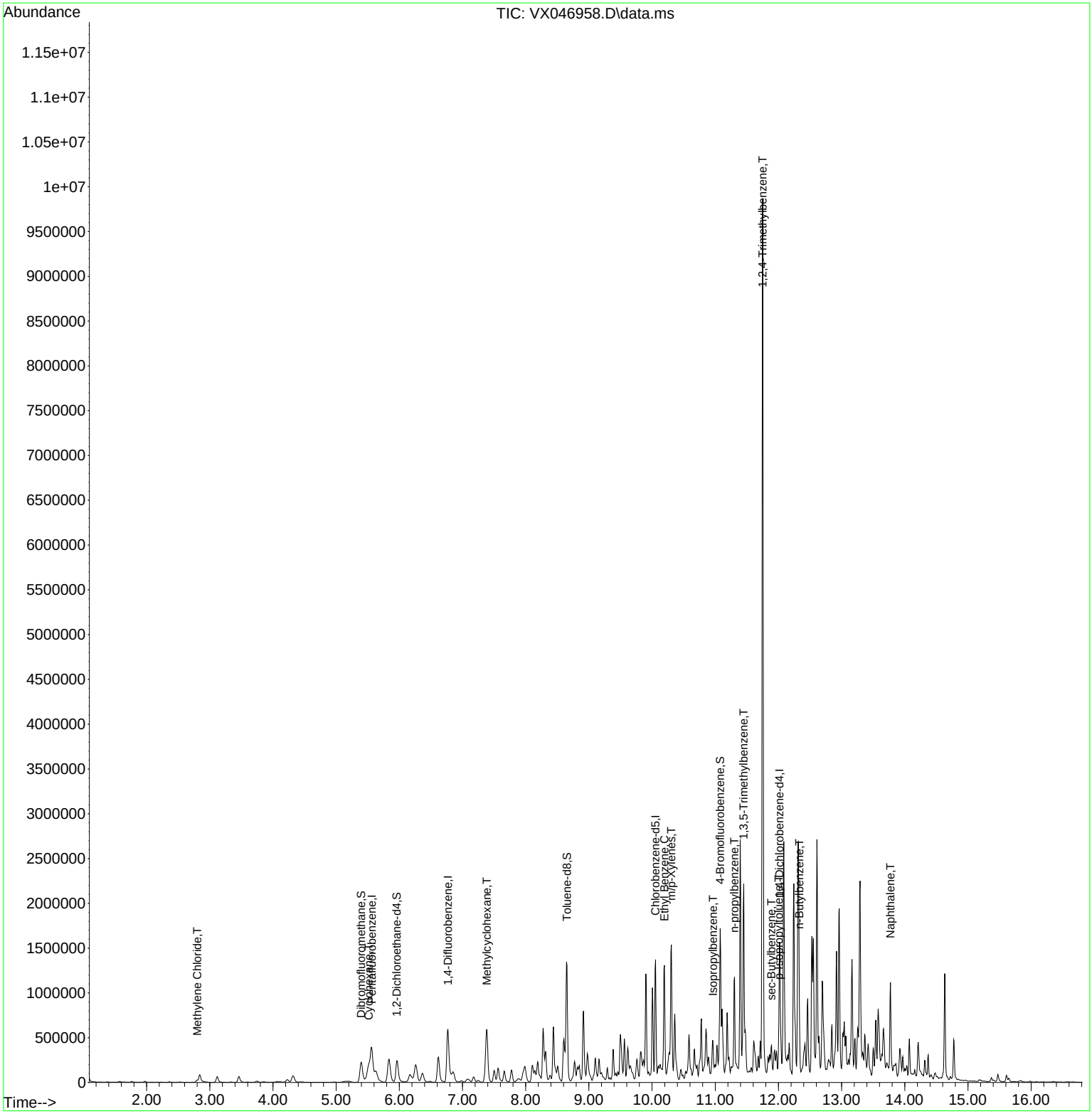
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

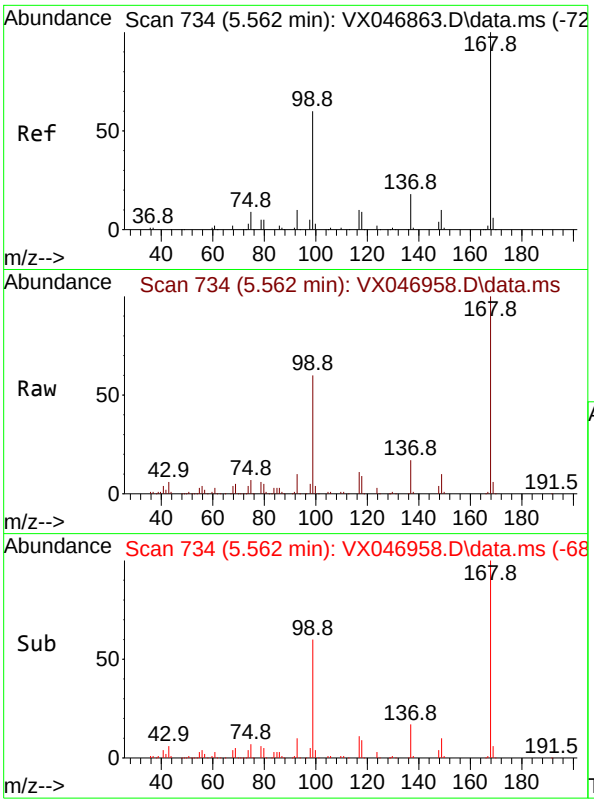
Quant Time: Jul 11 01:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

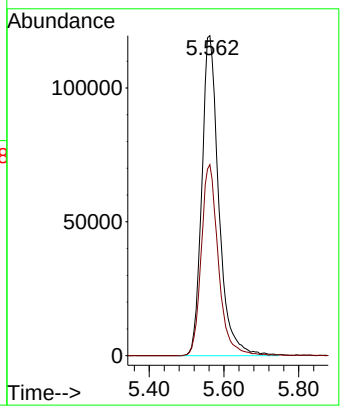




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:168 Resp: 37722

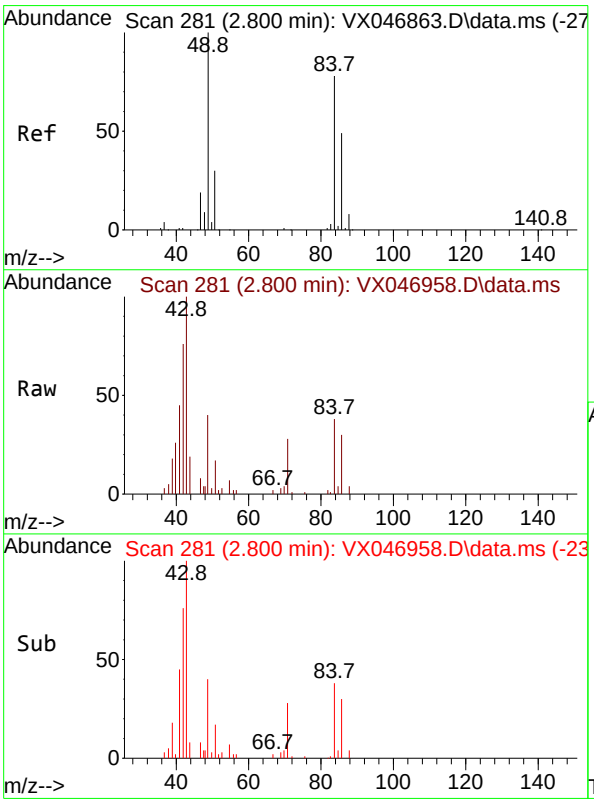
Ion	Ratio	Lower	Upper
168	100		
99	59.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

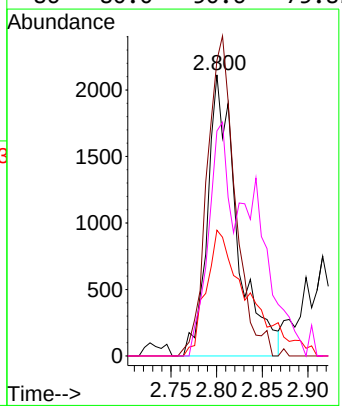
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

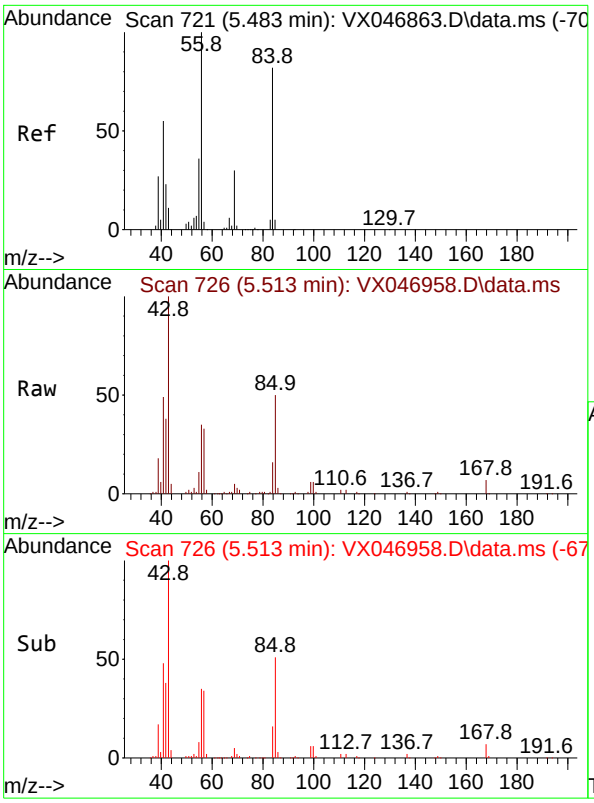


#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

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

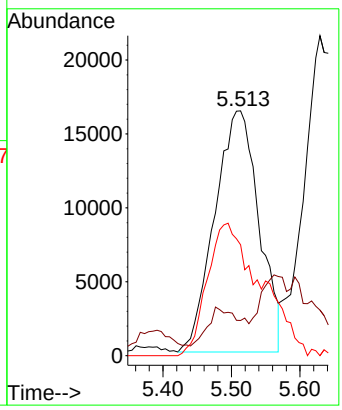
Tgt Ion: 56 Resp: 7344

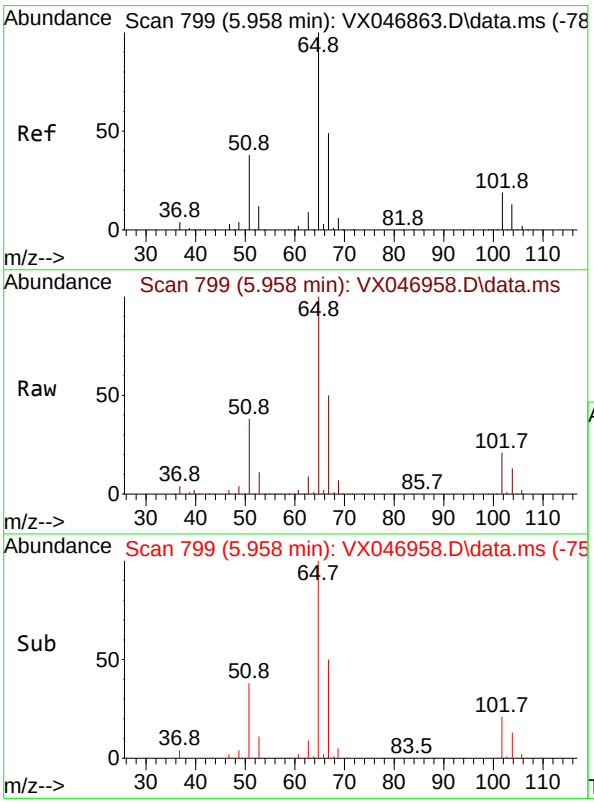
Ion	Ratio	Lower	Upper
56	100		
69	7.7	24.0	36.0#
84	46.0	66.5	99.7#

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

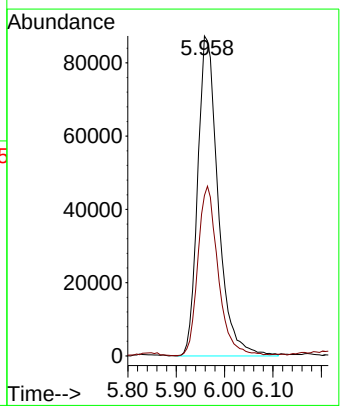


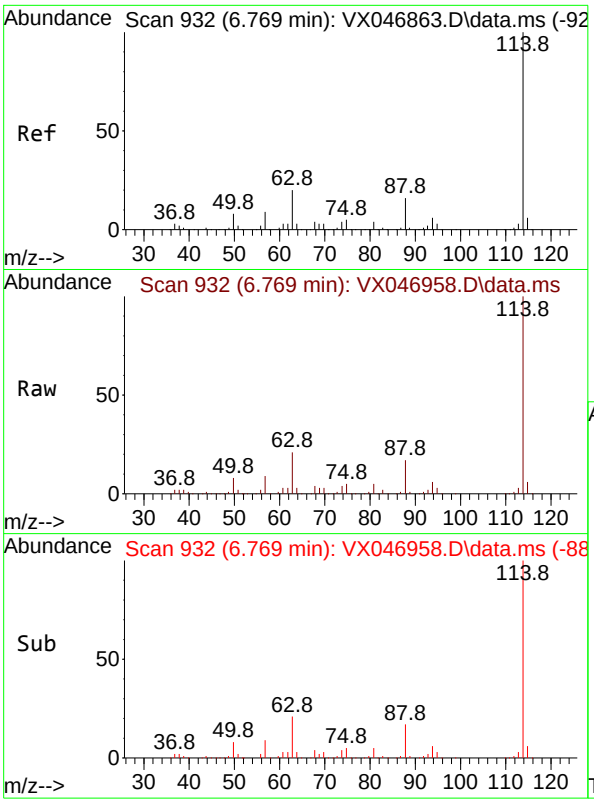


#33
1,2-Dichloroethane-d4
Concen: 51.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 65 Resp: 255953

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2

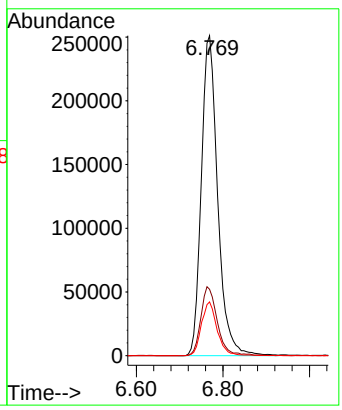




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:114 Resp: 65807

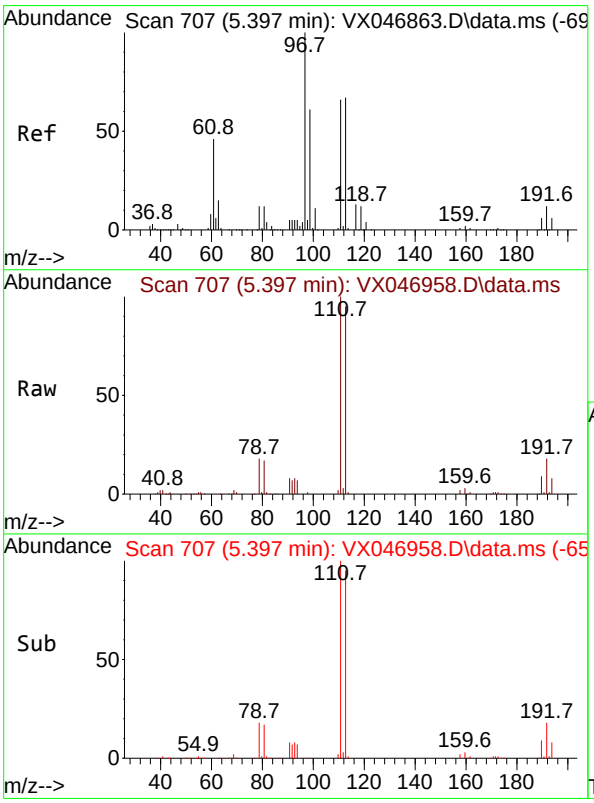
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	16.8	0.0	31.0



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

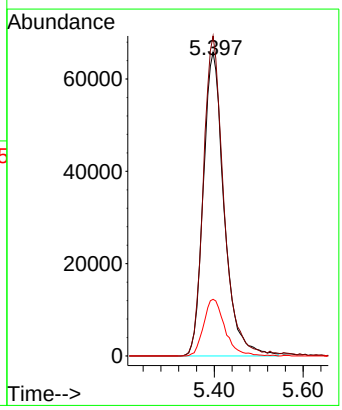
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

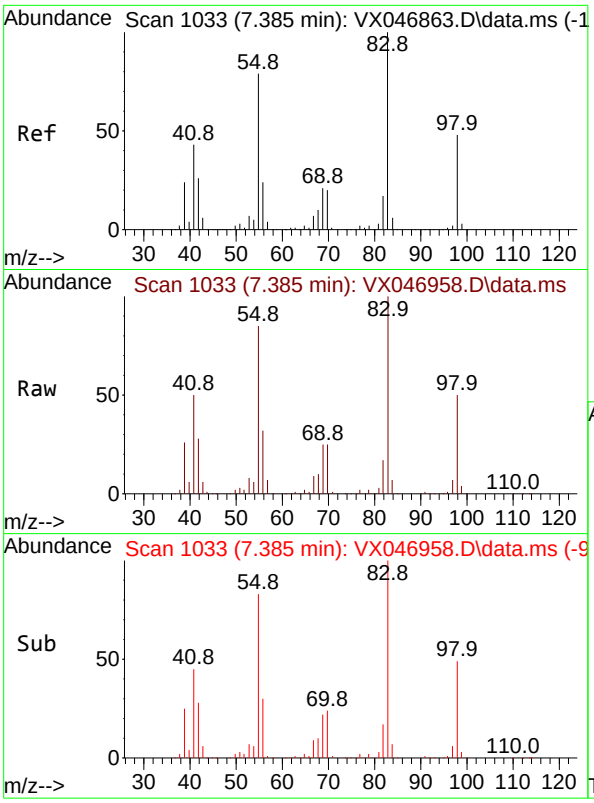


#35
Dibromofluoromethane
Concen: 47.925 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

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

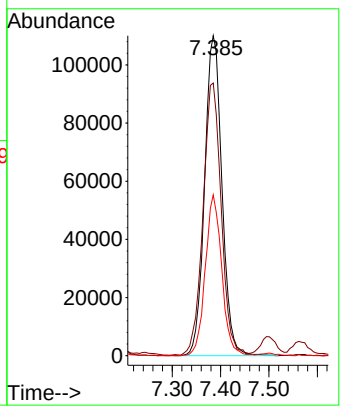
Tgt Ion: 83 Resp: 27400

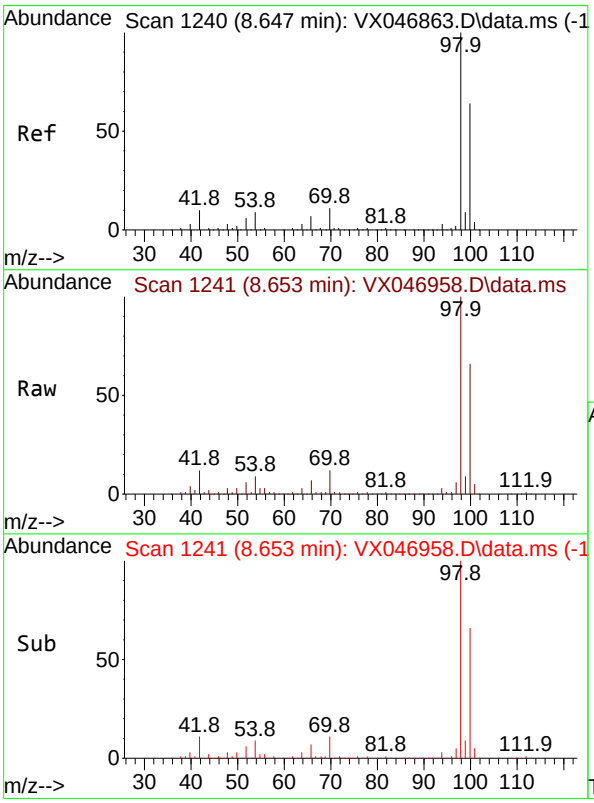
Ion	Ratio	Lower	Upper
83	100		
55	84.9	63.0	94.4
98	50.3	38.5	57.7

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

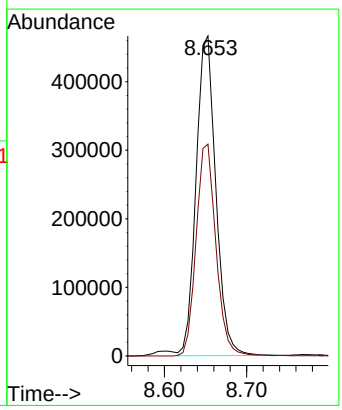


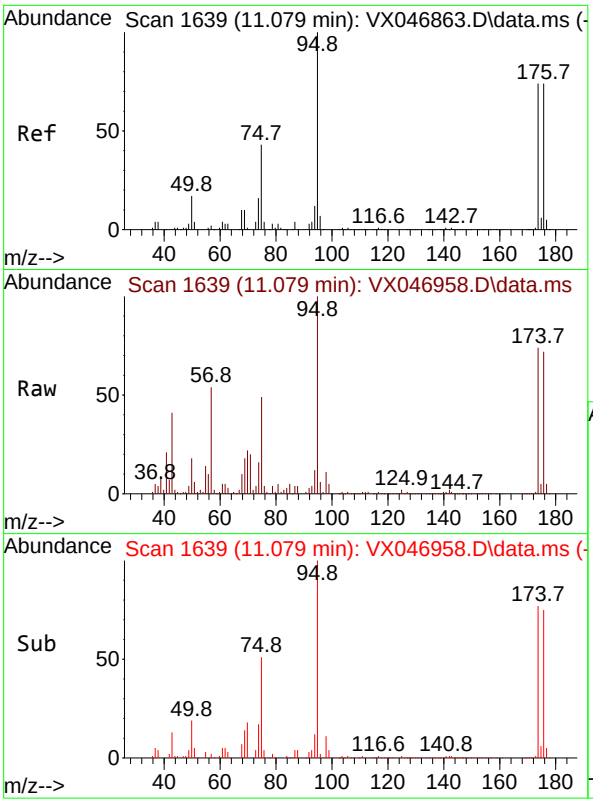


#50
Toluene-d8
Concen: 49.323 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 98 Resp: 777364

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

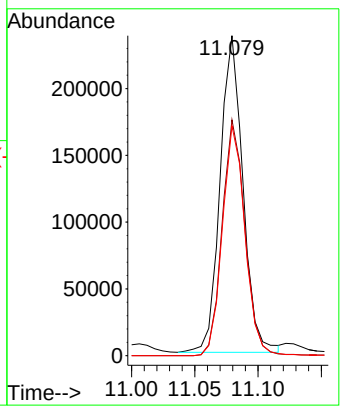




#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 95 Resp: 29709

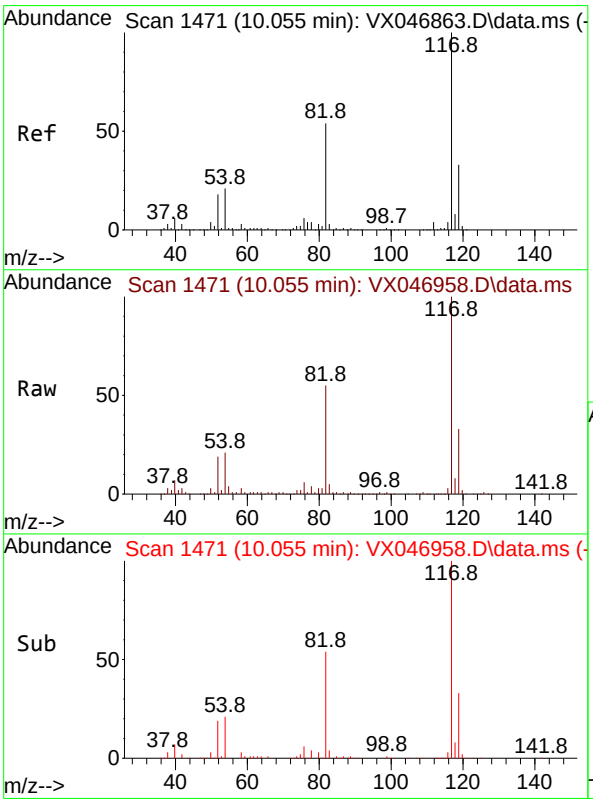
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	152.0
176	72.3	0.0	145.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

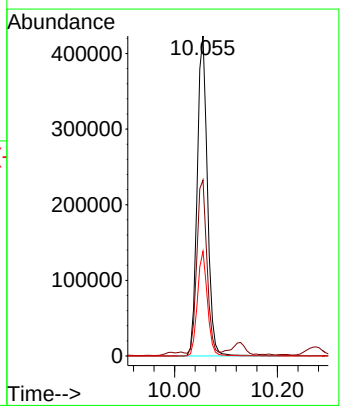
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

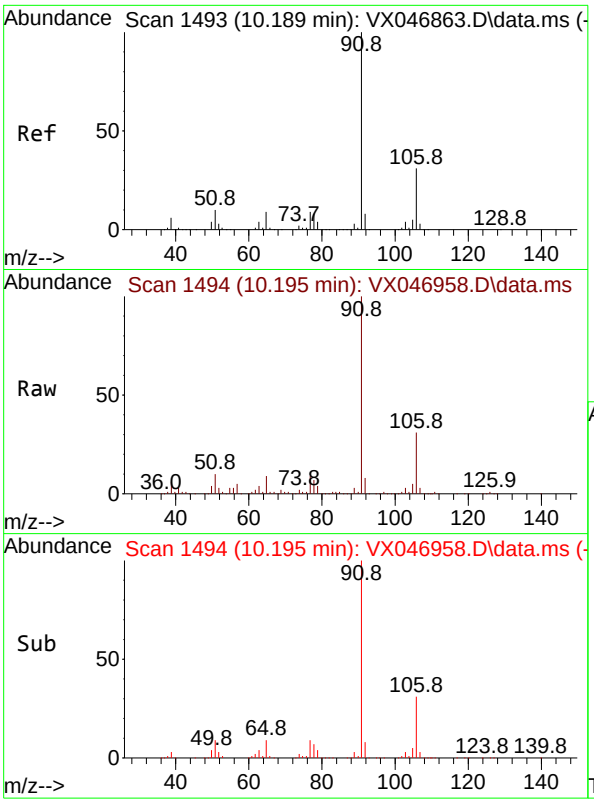


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

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

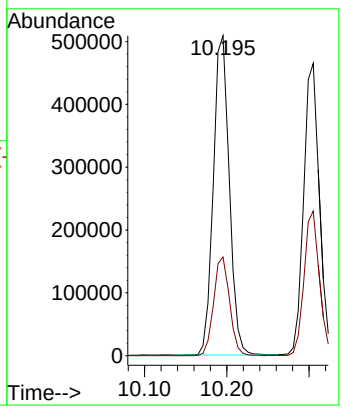




#67
Ethyl Benzene
Concen: 31.734 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 91 Resp: 68709

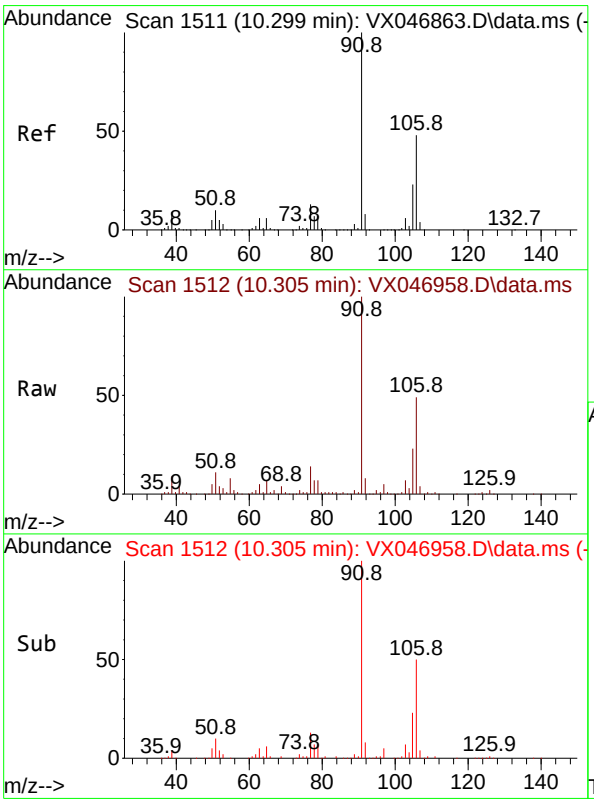
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.4	36.6



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

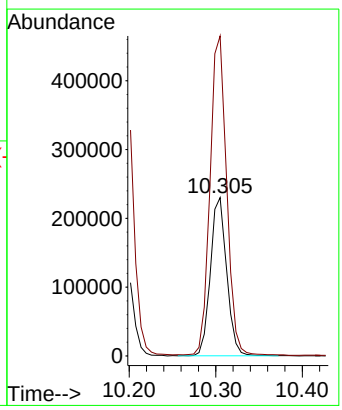
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

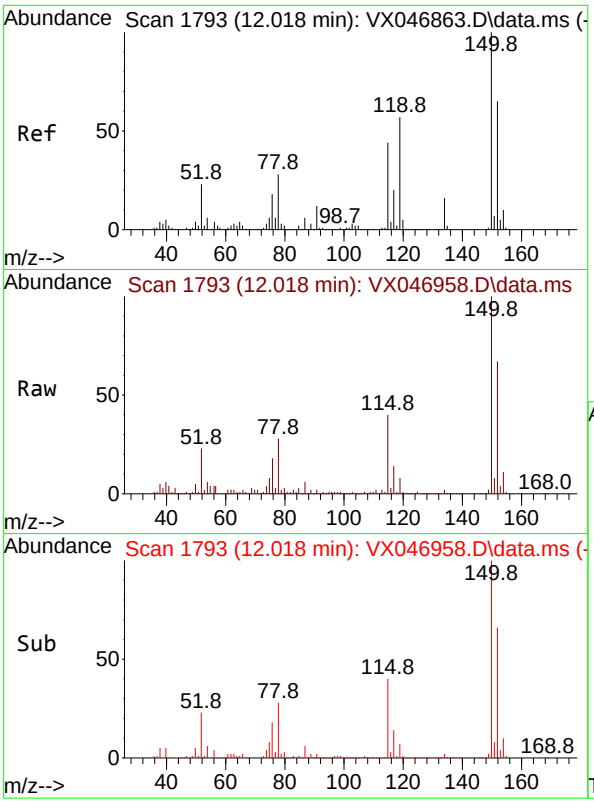


#68
m/p-Xylenes
Concen: 36.698 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:106 Resp: 299409

Ion	Ratio	Lower	Upper
106	100		
91	206.7	164.6	246.8

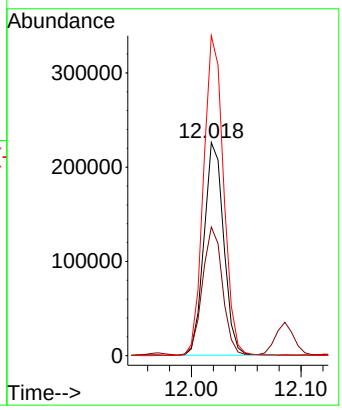




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:152 Resp: 28151

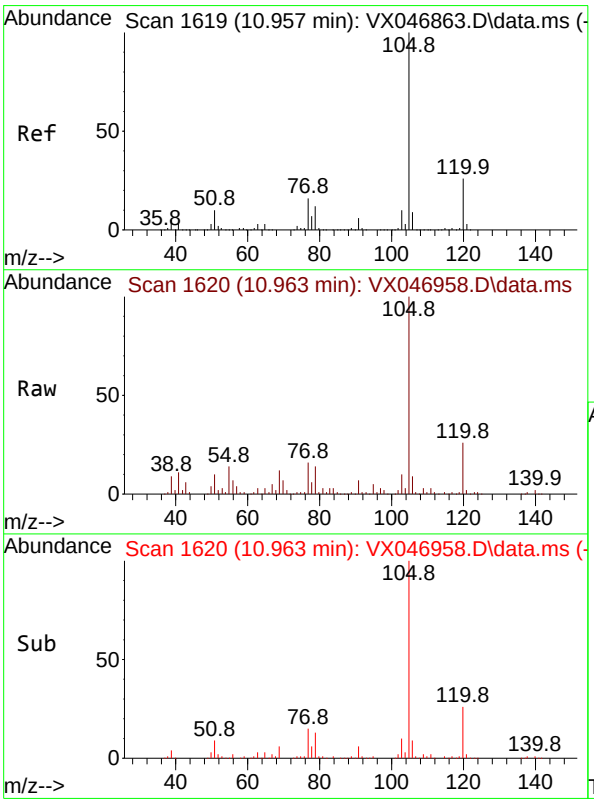
Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.4	127.1
150	152.8	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

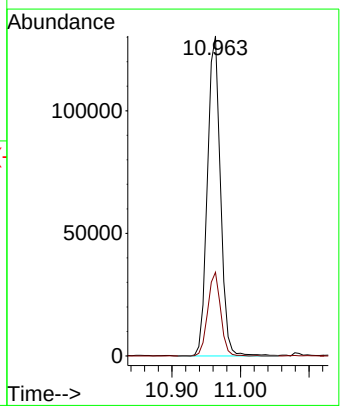
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

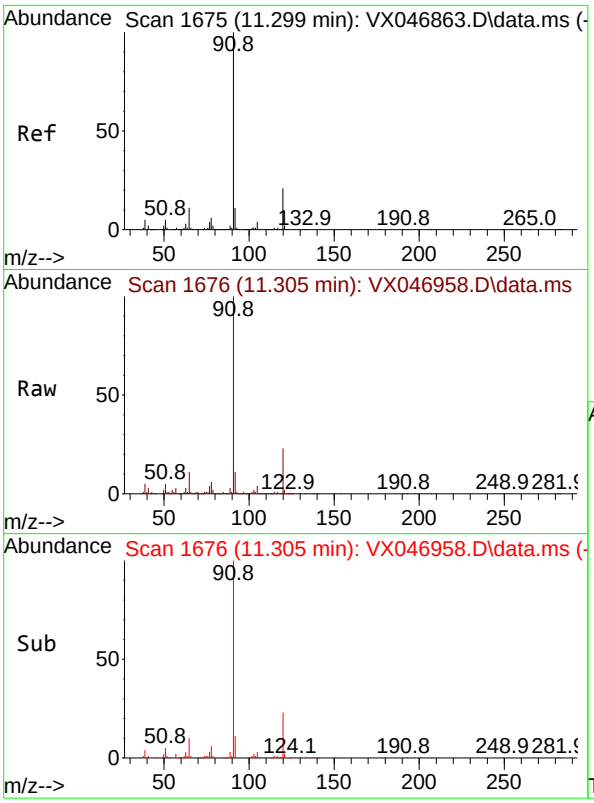


#73
Isopropylbenzene
Concen: 8.726 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 172680

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.2	39.5

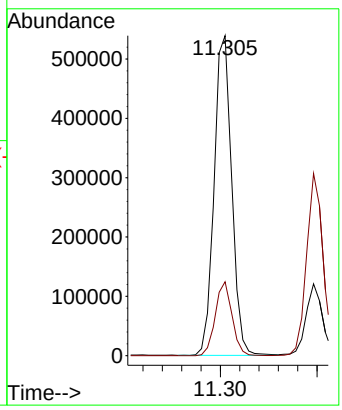




#78
n-propylbenzene
Concen: 28.469 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion: 91 Resp: 67932

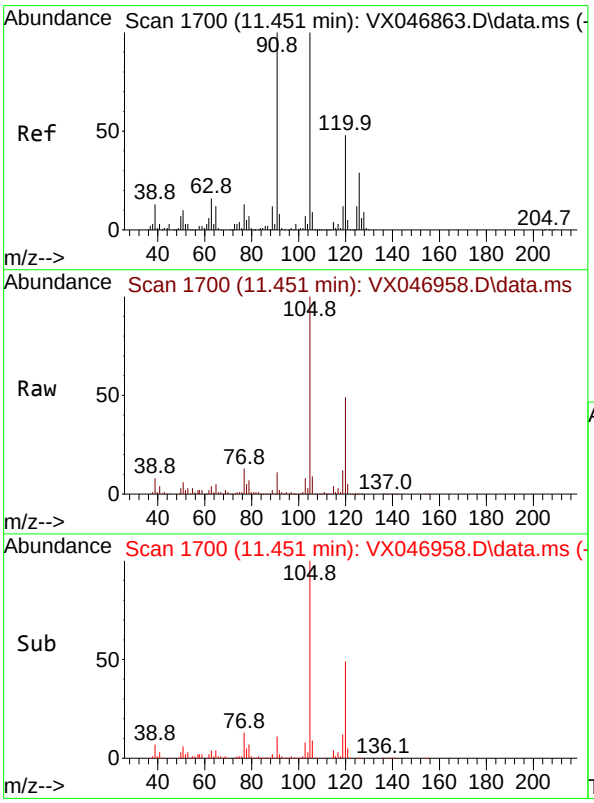
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

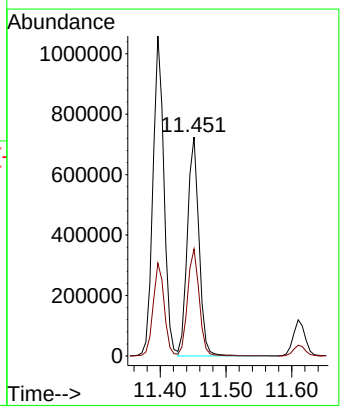
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

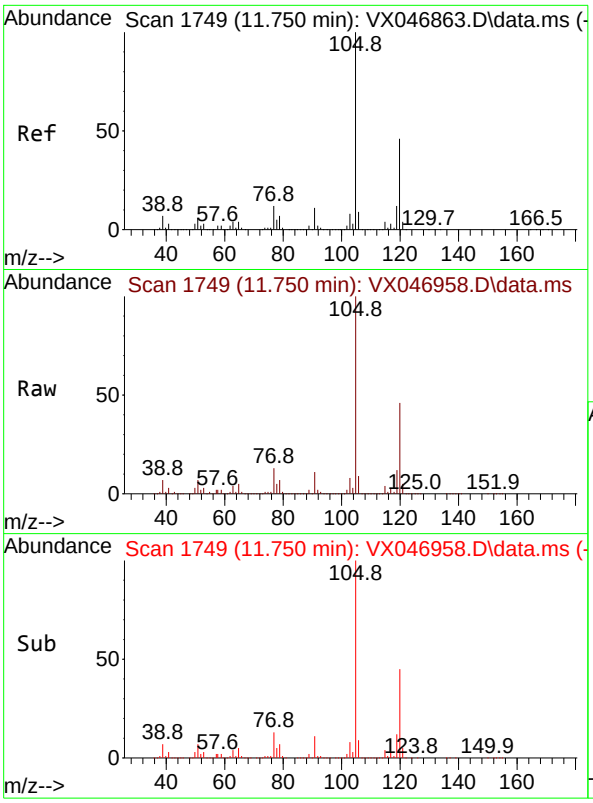


#80
1,3,5-Trimethylbenzene
Concen: 54.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 880135

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4

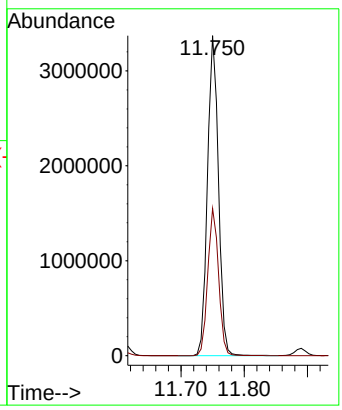




#84
1,2,4-Trimethylbenzene
Concen: 250.053 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 406406

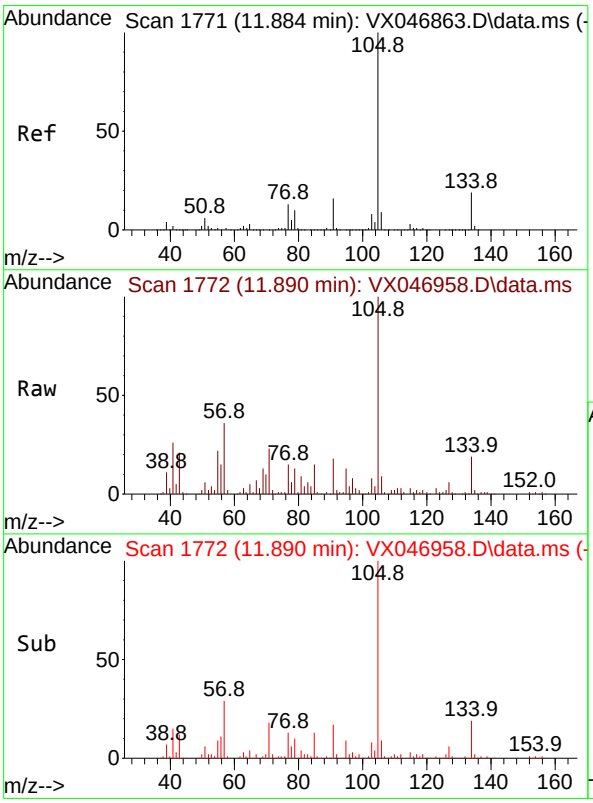
Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

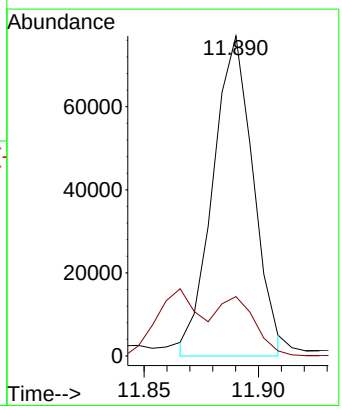
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

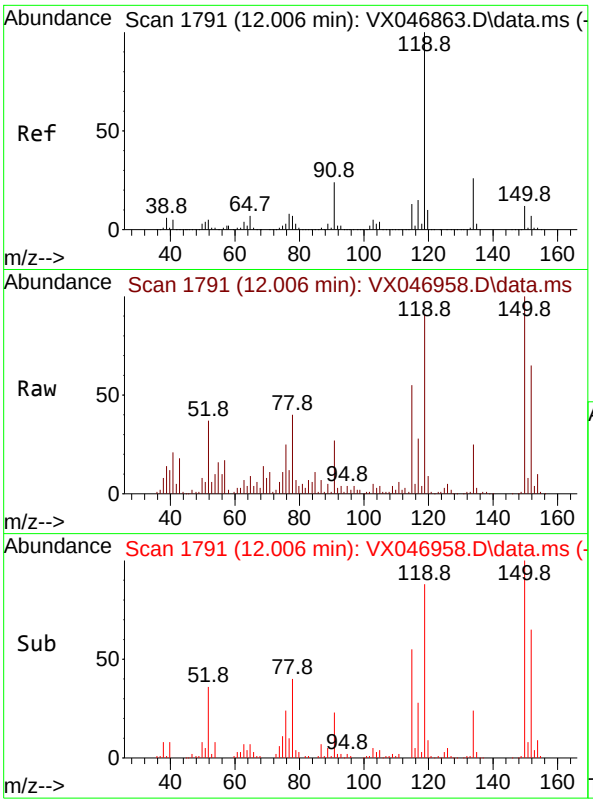


#85
sec-Butylbenzene
Concen: 4.506 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:105 Resp: 94342

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

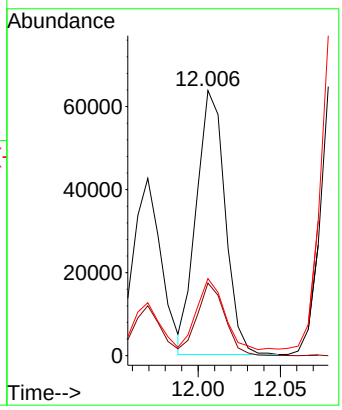




#86
p-Isopropyltoluene
Concen: 4.404 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:119 Resp: 7721

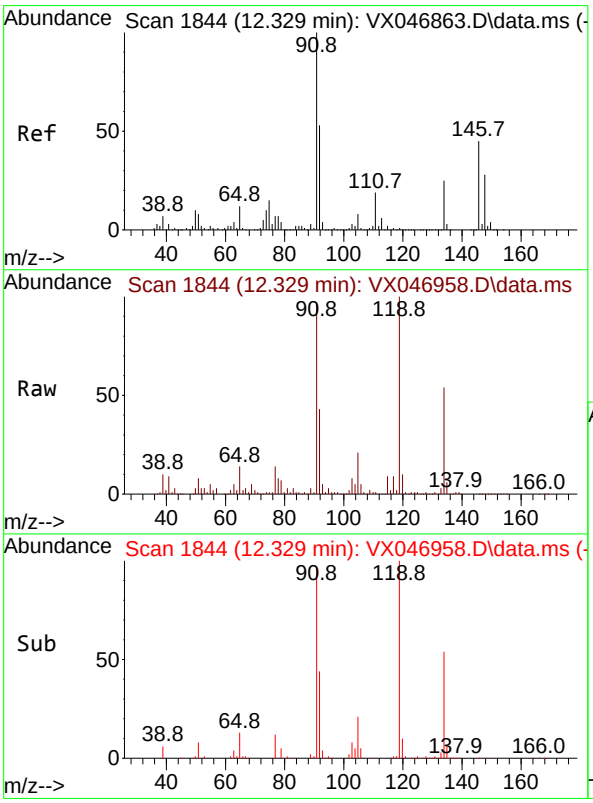
Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	39.0
91	26.8	12.0	36.1



Instrument :
MSVOA_X
ClientSampleId :
GPX8

Manual Integrations
APPROVED

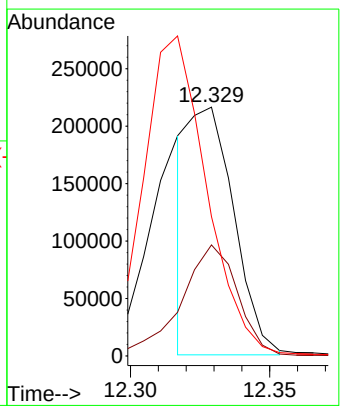
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

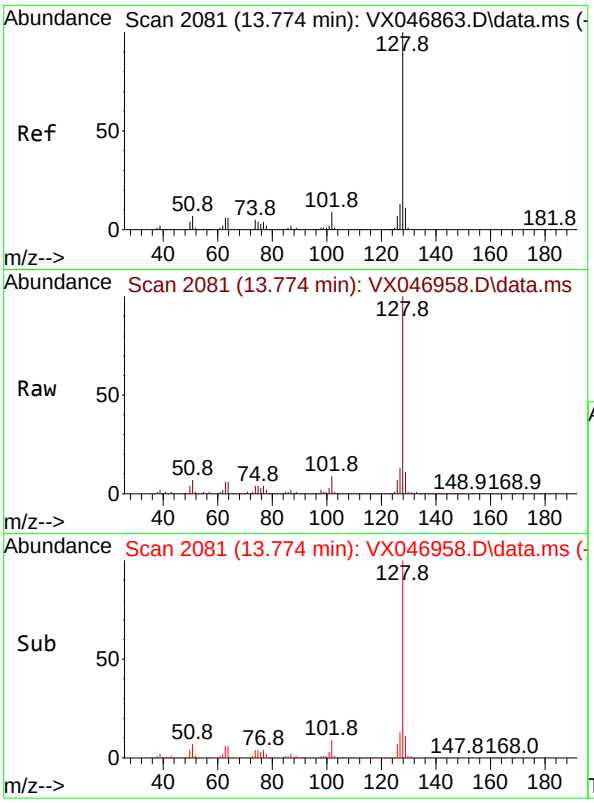


#89
n-Butylbenzene
Concen: 14.734 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

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#

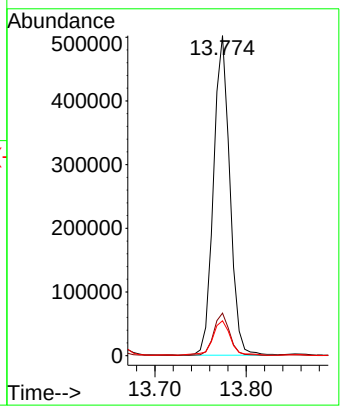




#95
Naphthalene
Concen: 38.875 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

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

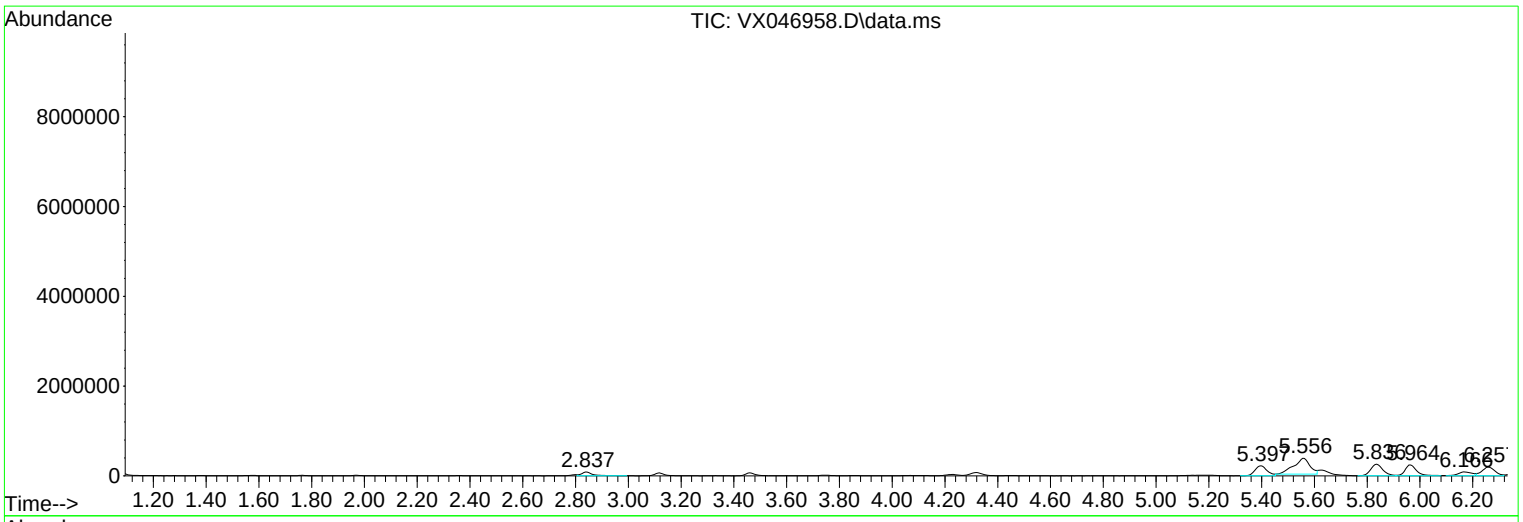
Sample Results: **VX046958.D**

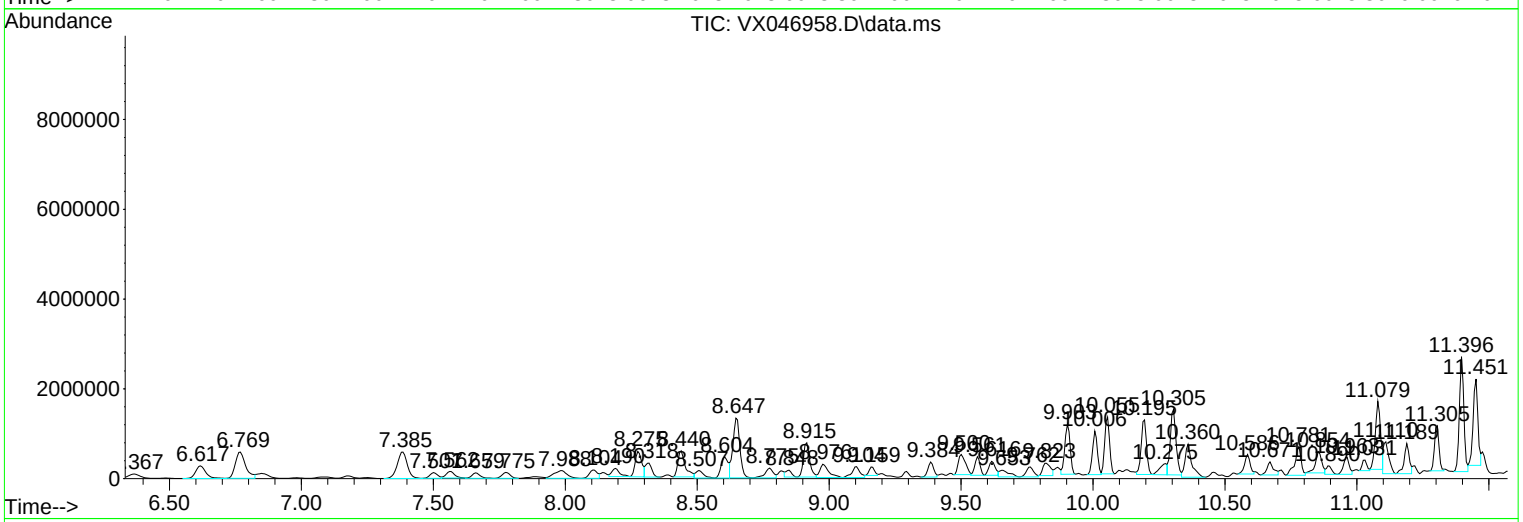
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
Acq On : 10 Jul 2025 20:02
Operator : JC/MD
Sample : Q2480-08 10X
Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

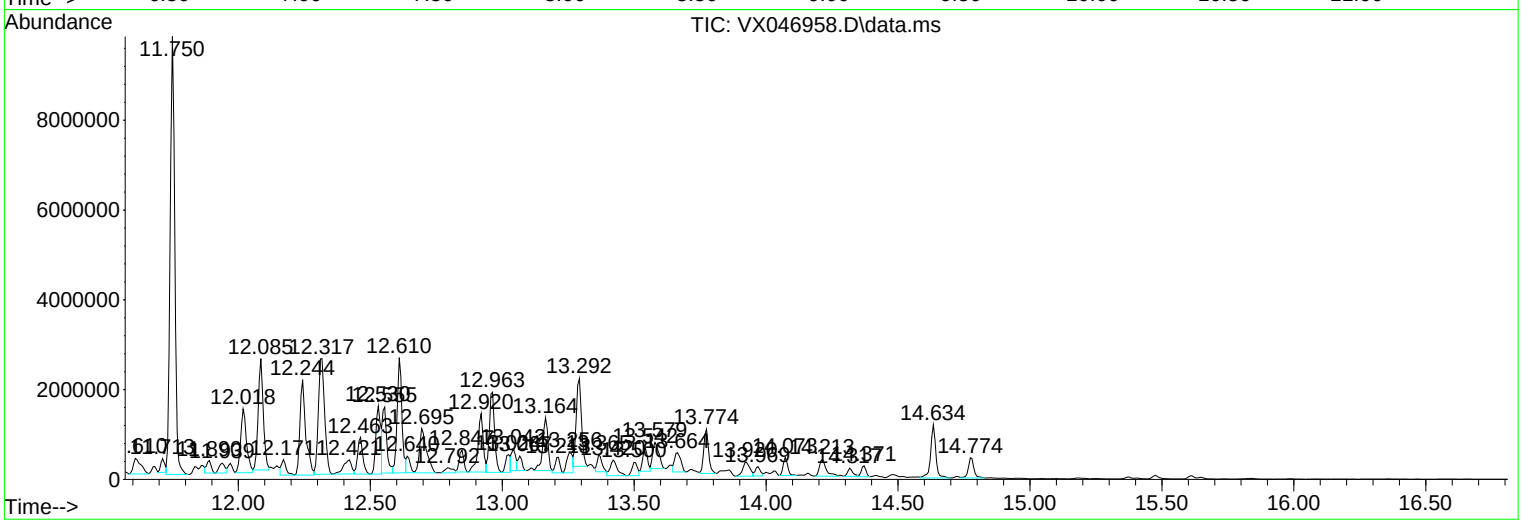
Instrument :
MSVOA_X
ClientSampleId :
GPX8

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

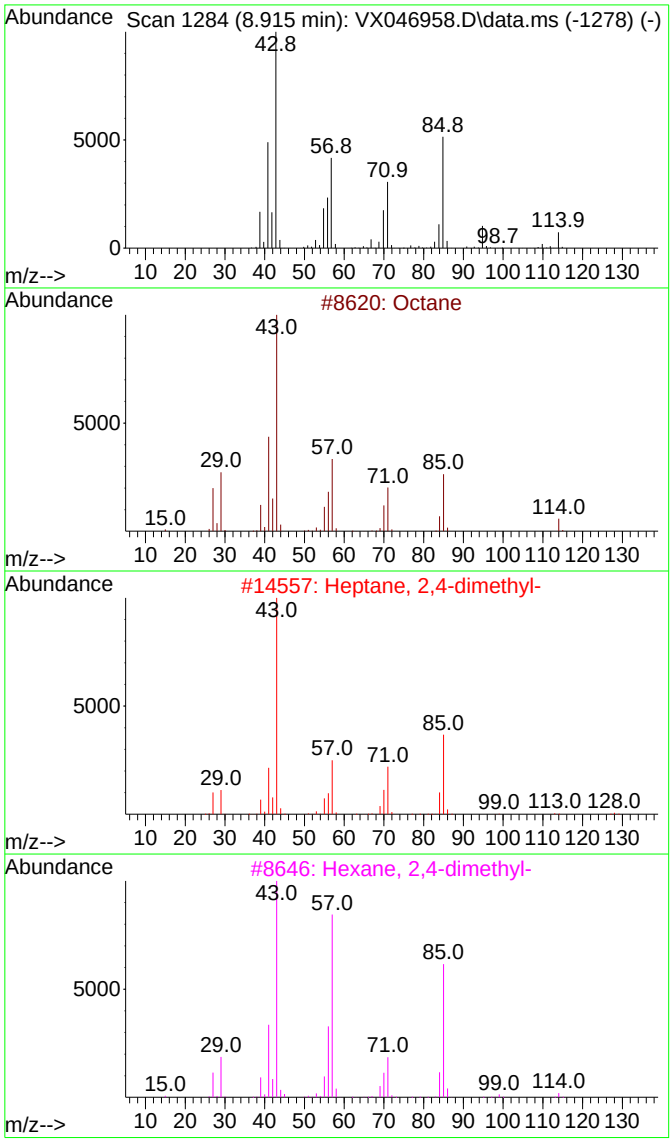
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TIC Integration Parameters: LSCINT.P

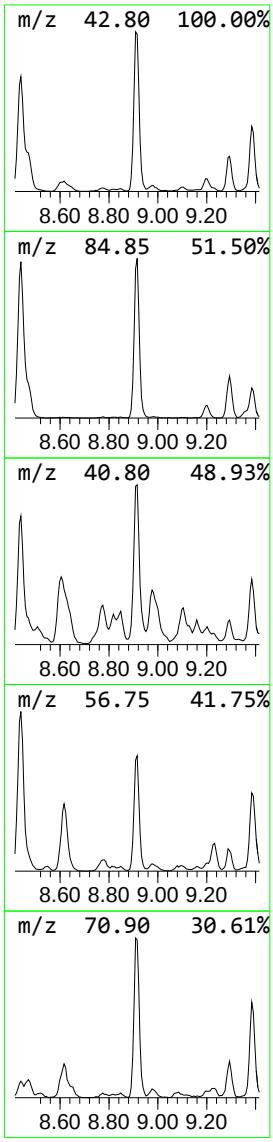
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Peak Number 1 Octane Concentration Rank 11

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

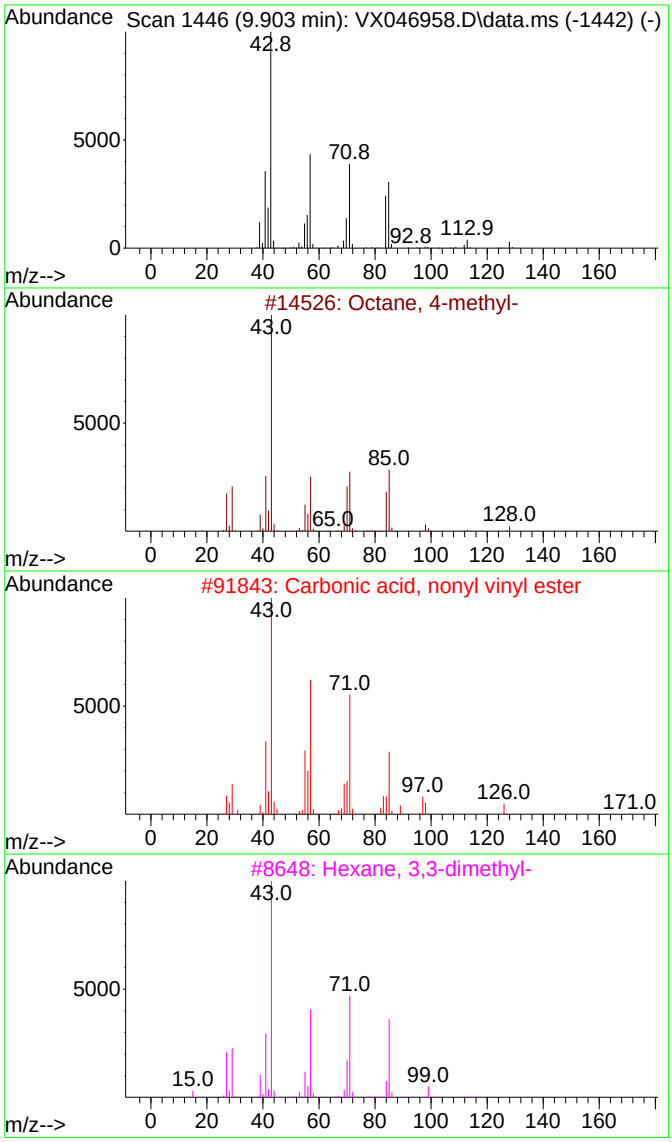
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

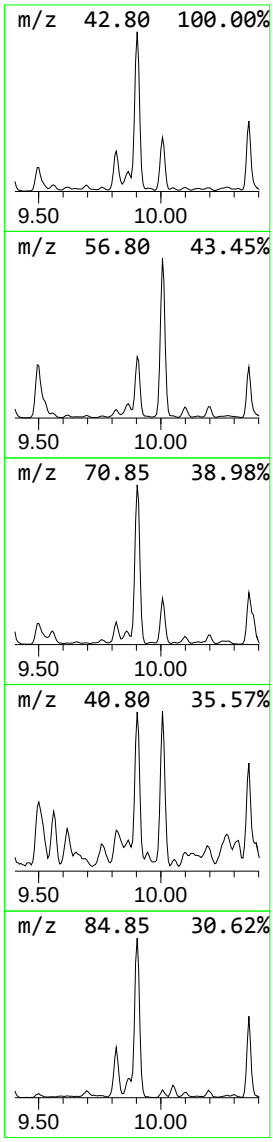
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Peak Number 2 Octane, 4-methyl- Concentration Rank 8

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

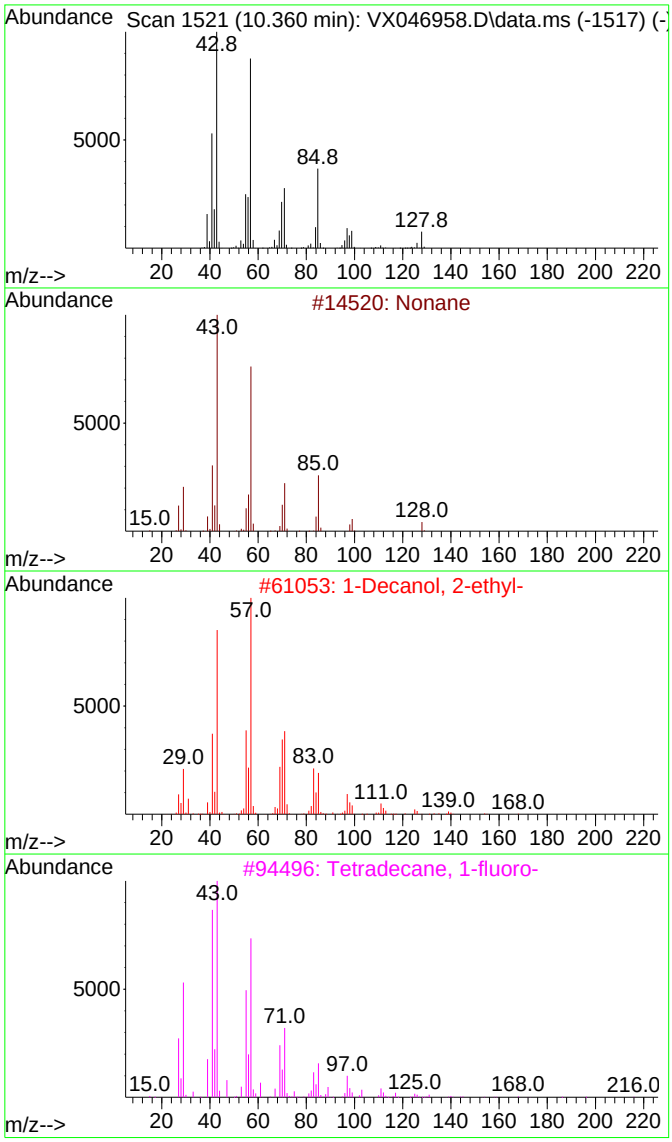
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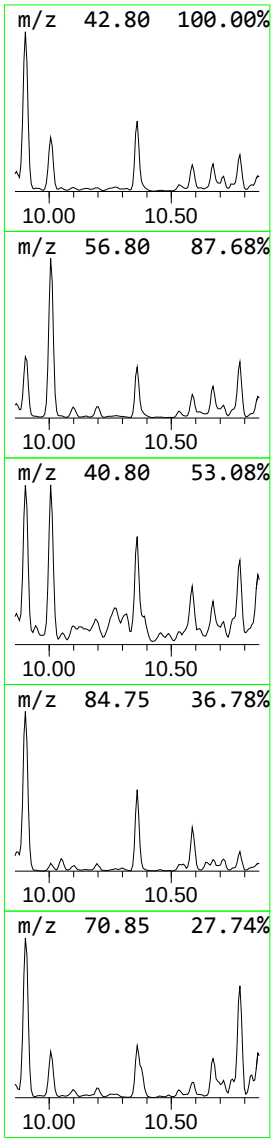
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Peak Number 3 Nonane Concentration Rank 12

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

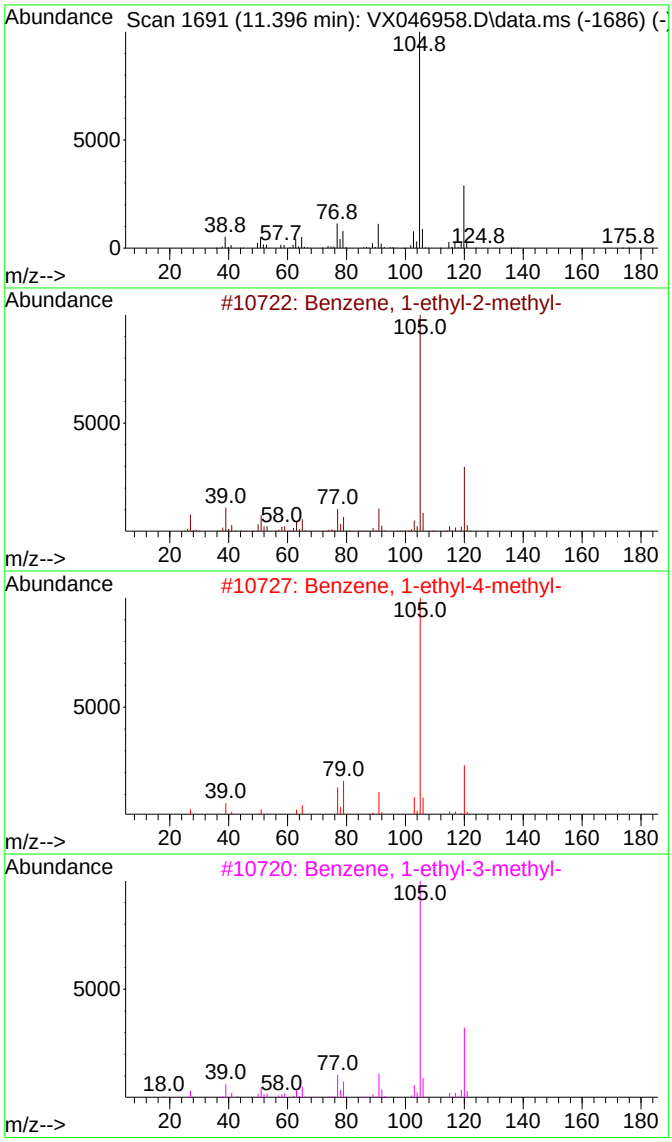
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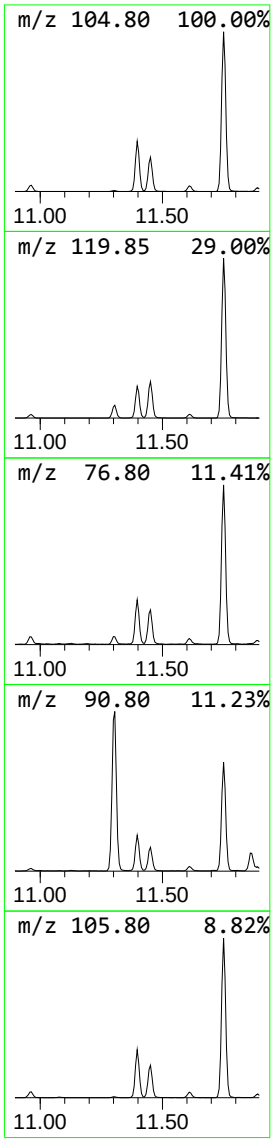
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Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

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 :
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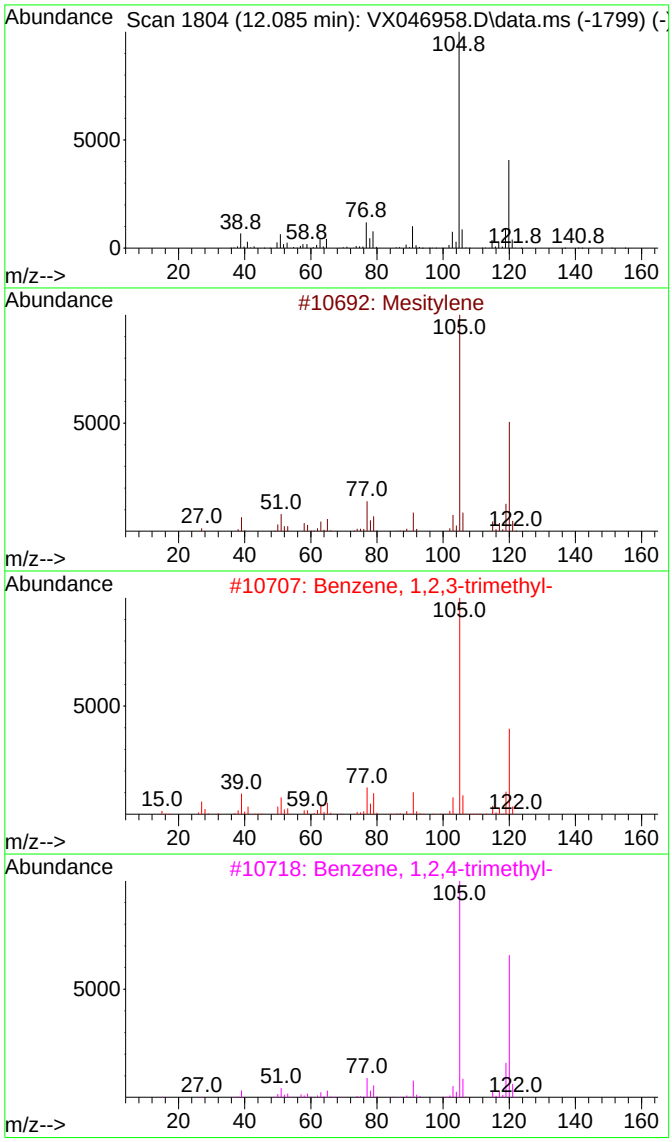
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Quant Title : SW846 8260

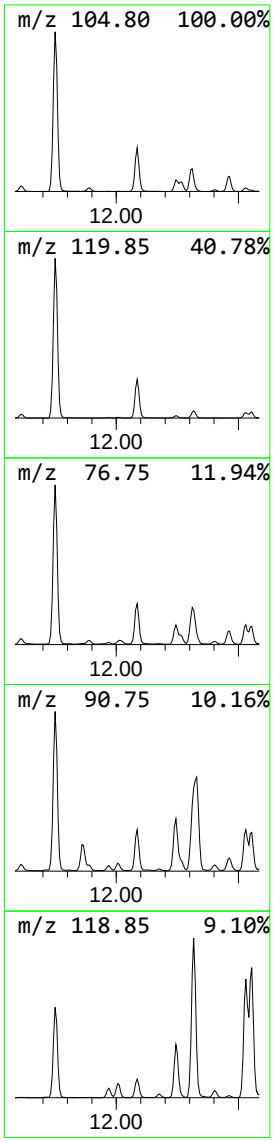
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TIC Integration Parameters: LSCINT.P

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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

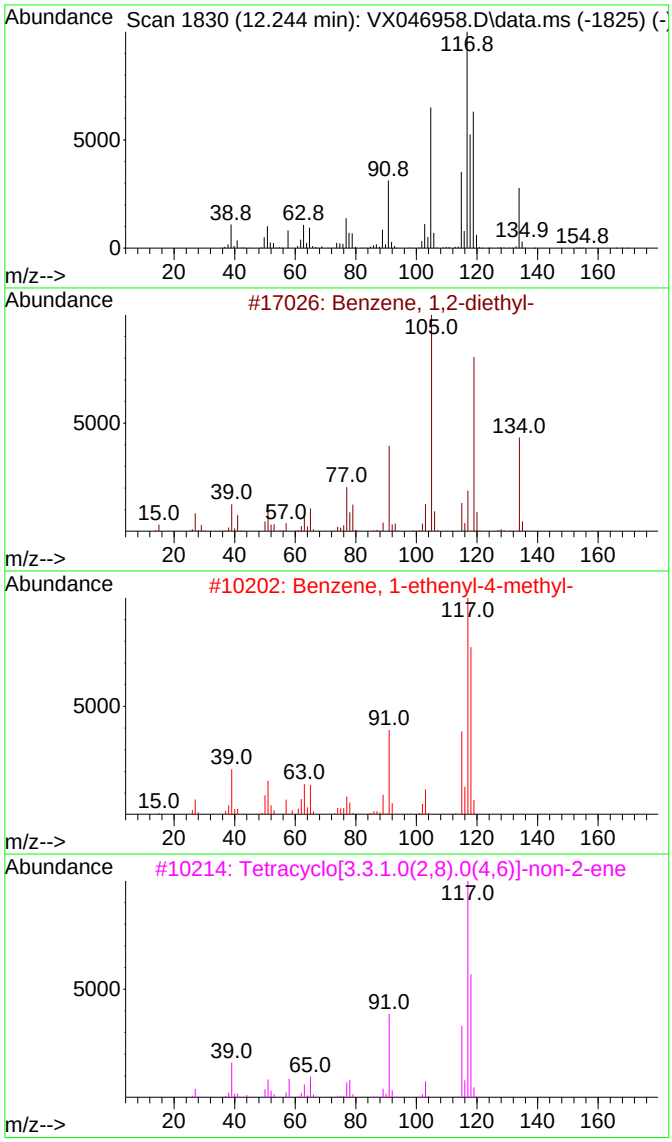
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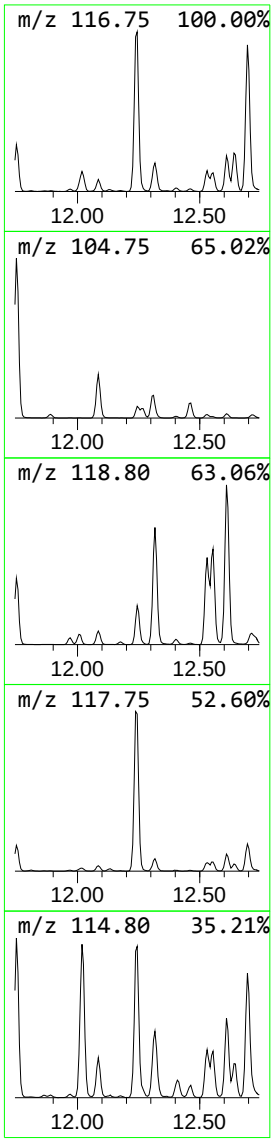
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Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 2

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 :
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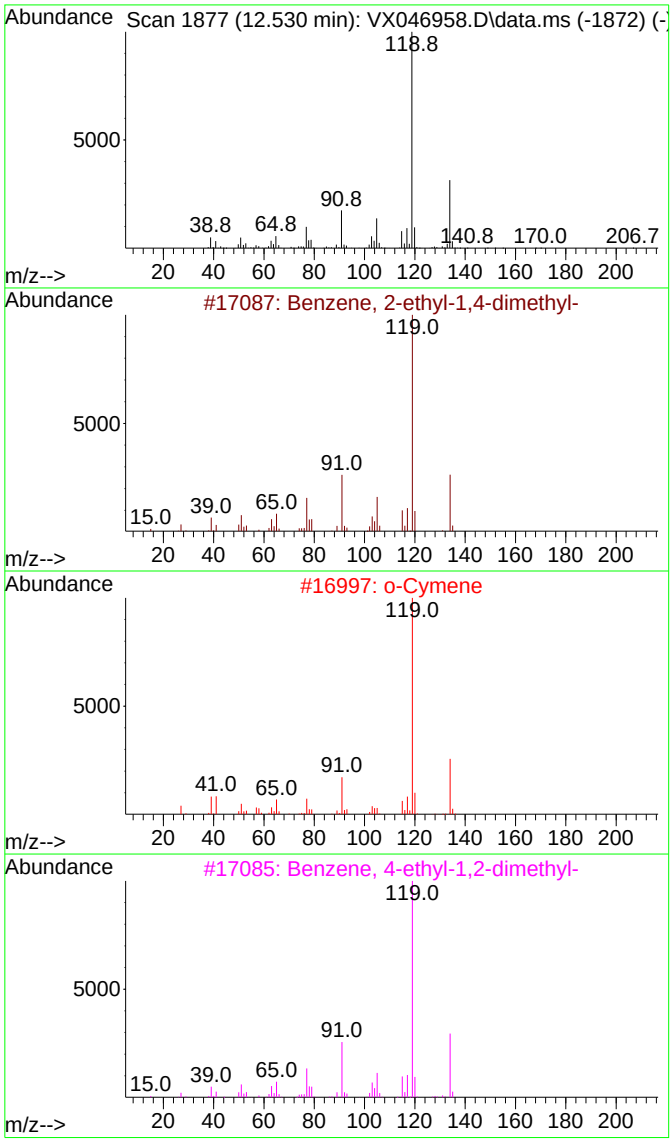
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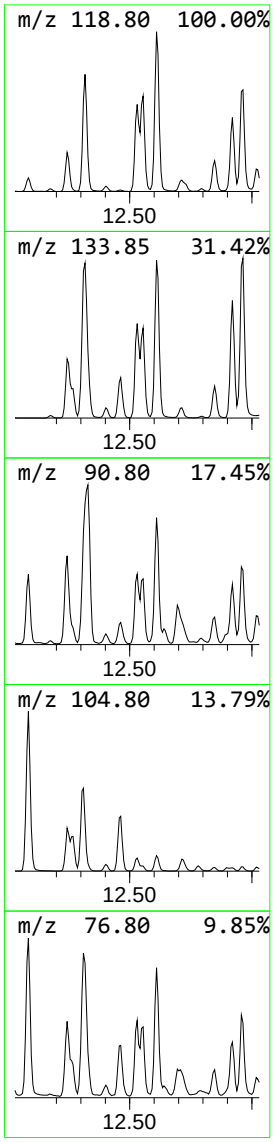
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TIC Integration Parameters: LSCINT.P

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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





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 :
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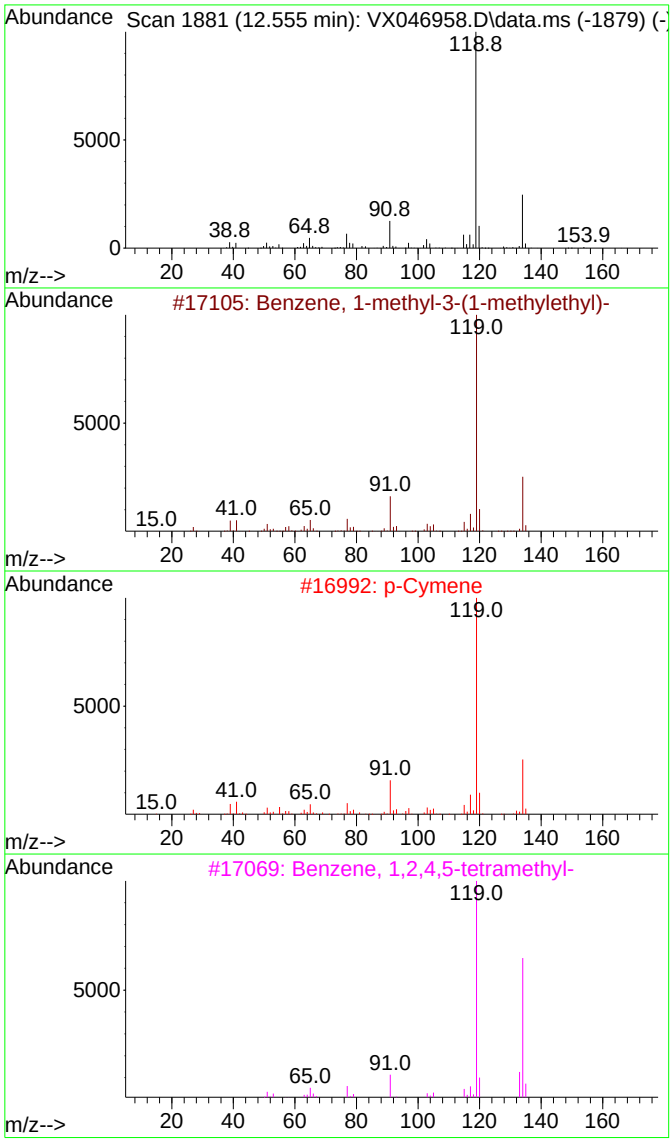
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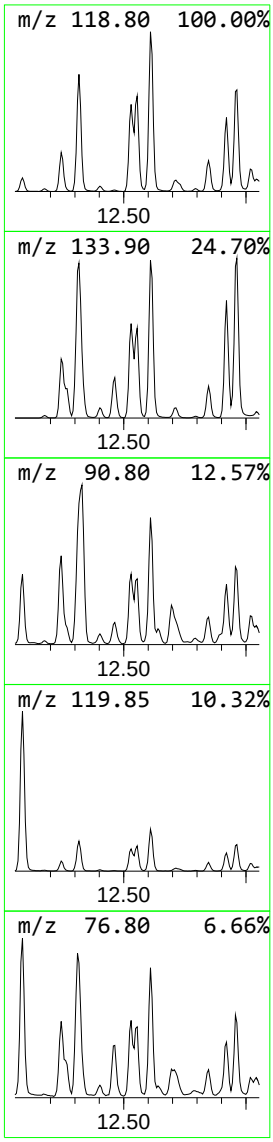
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TIC Integration Parameters: LSCINT.P

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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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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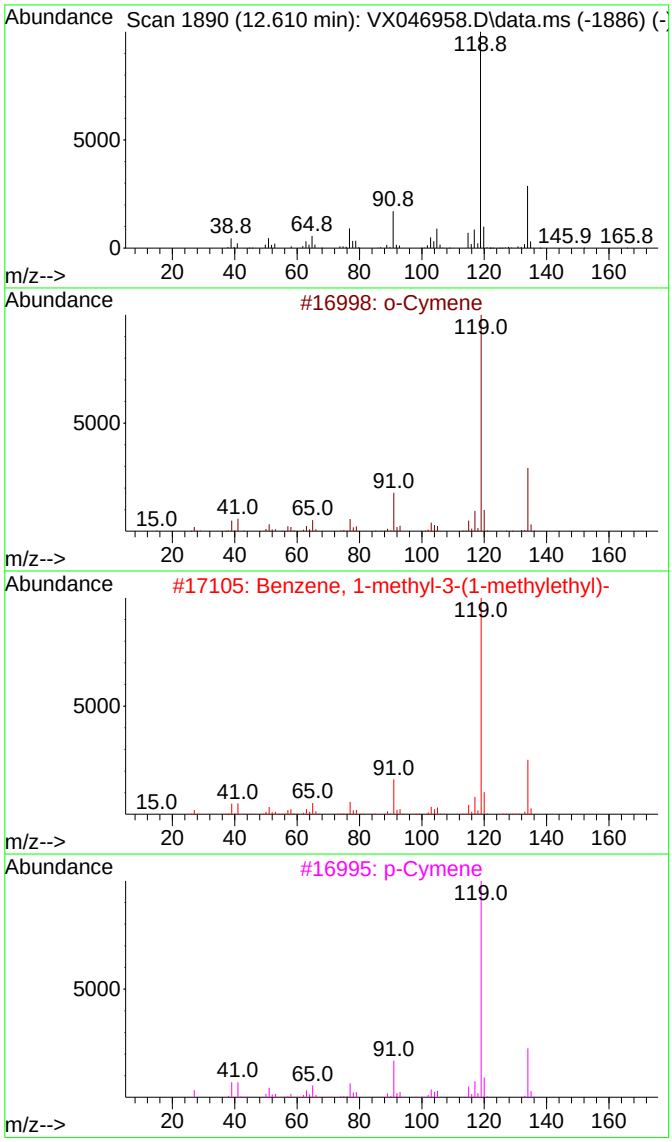
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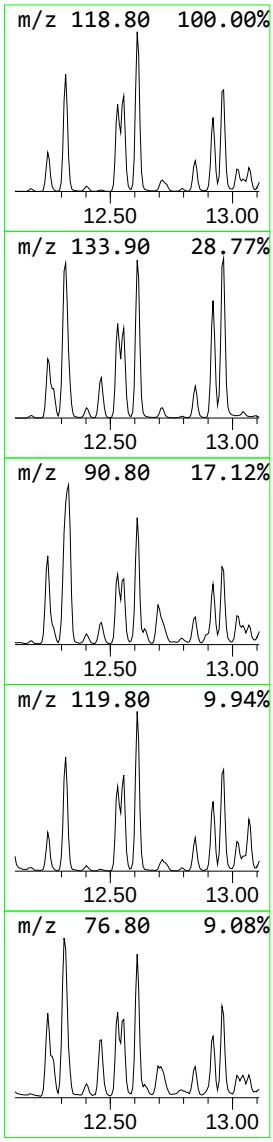
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Peak Number 9 o-Cymene Concentration Rank 3

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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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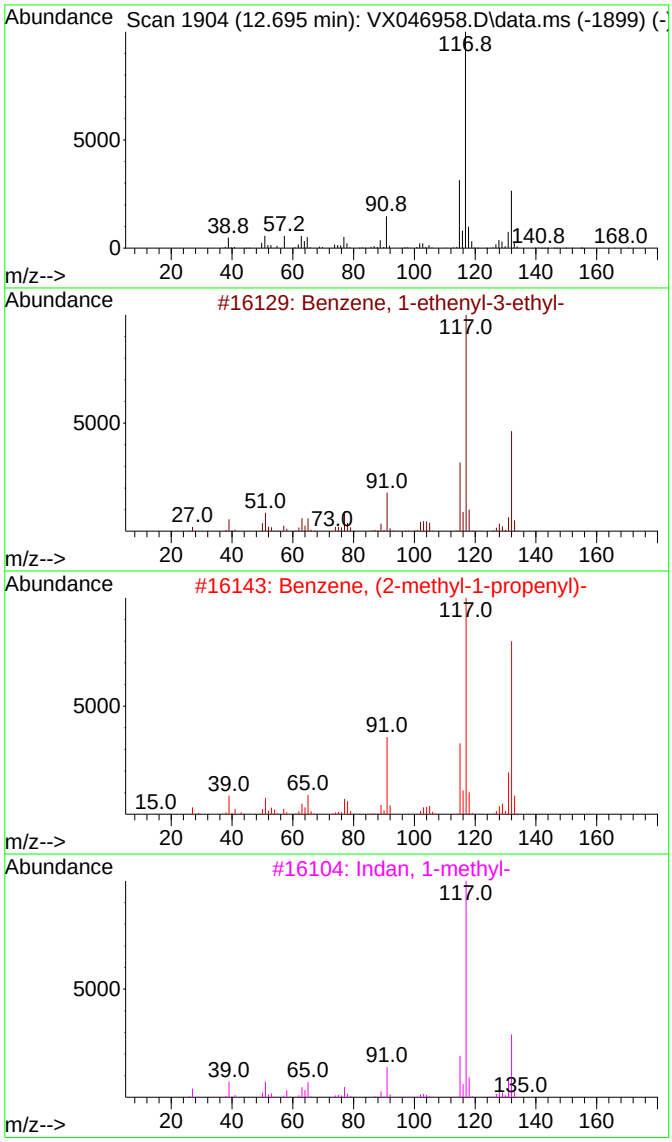
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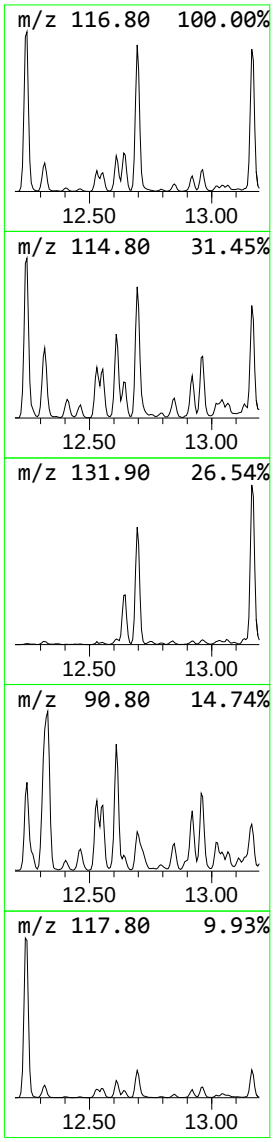
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Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

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

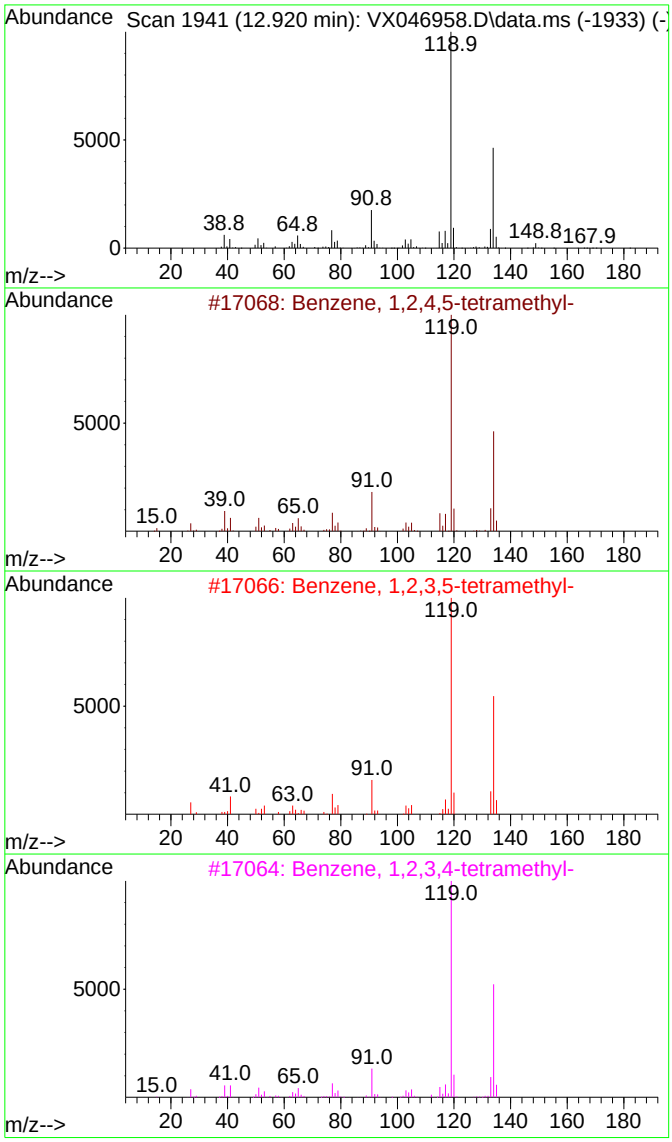
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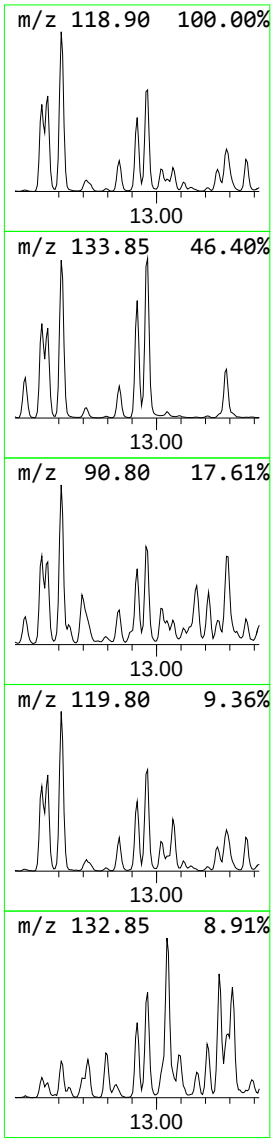
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TIC Integration Parameters: LSCINT.P

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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 :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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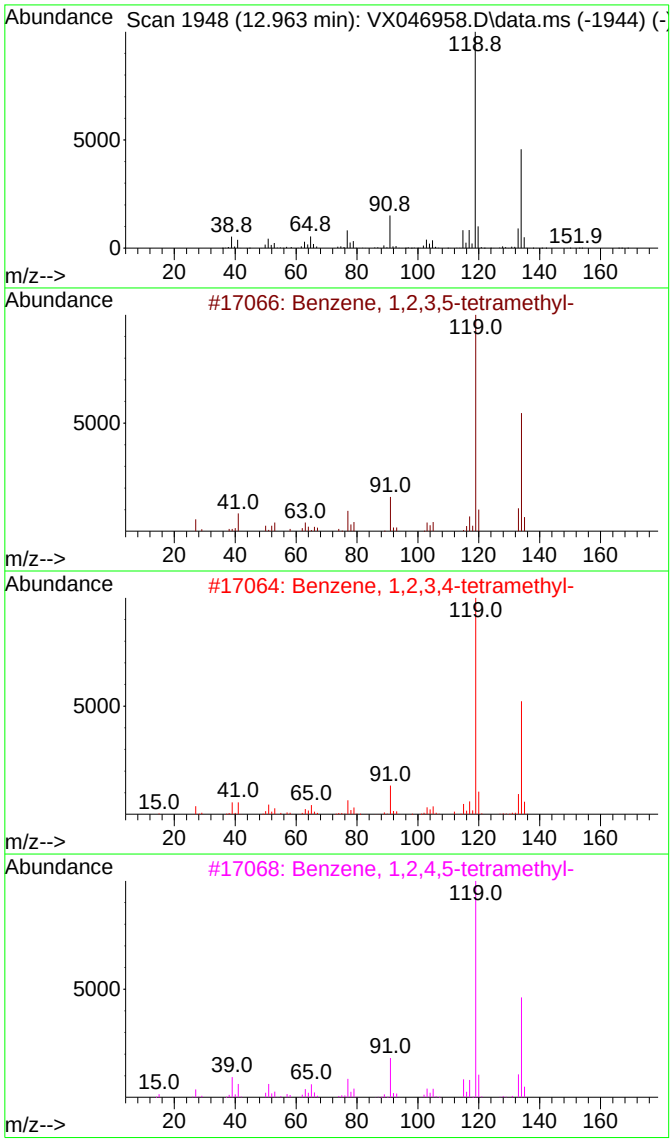
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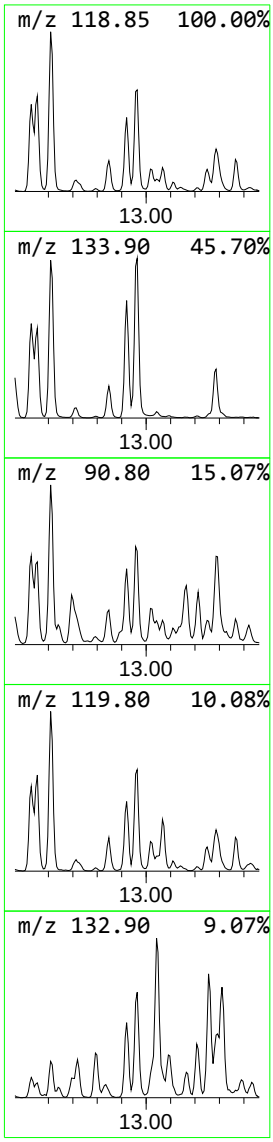
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Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

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 :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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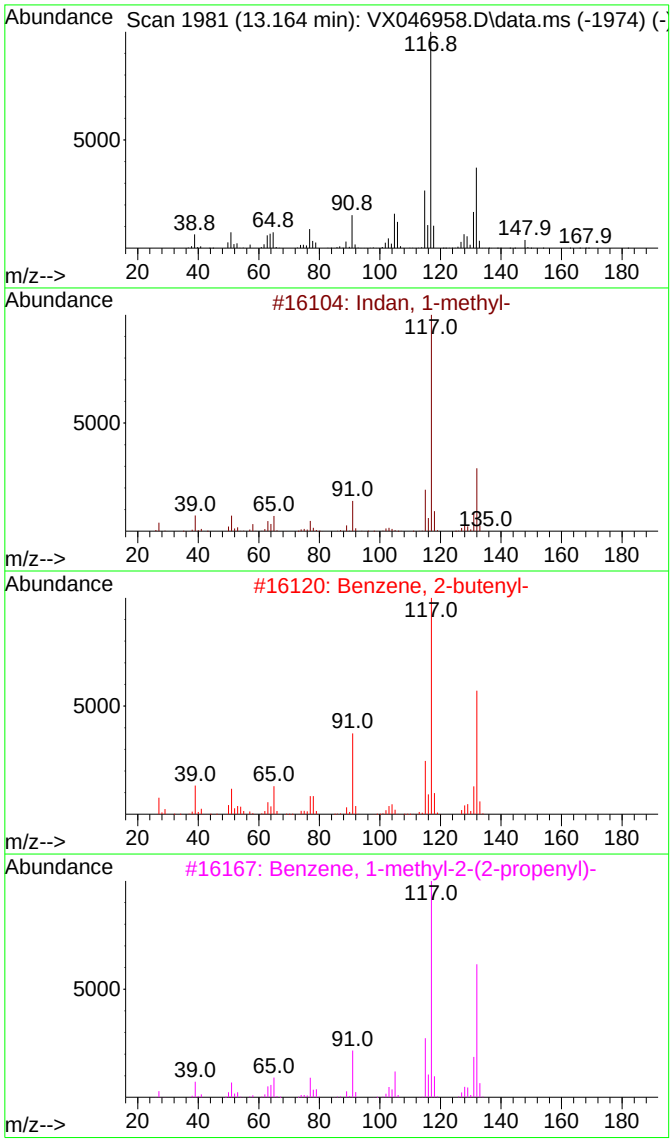
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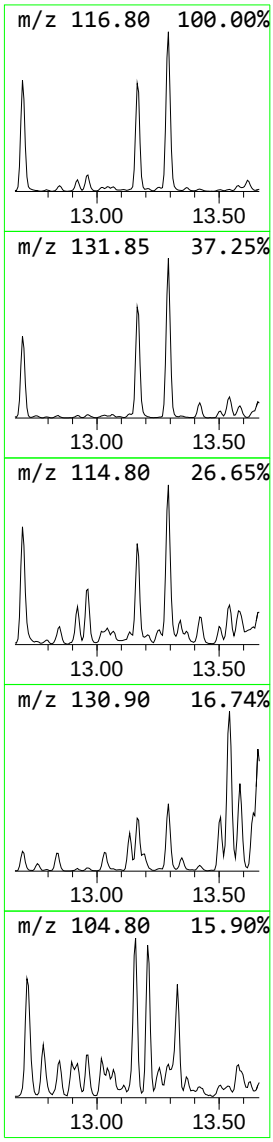
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Peak Number 13 Indan, 1-methyl- Concentration Rank 15

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

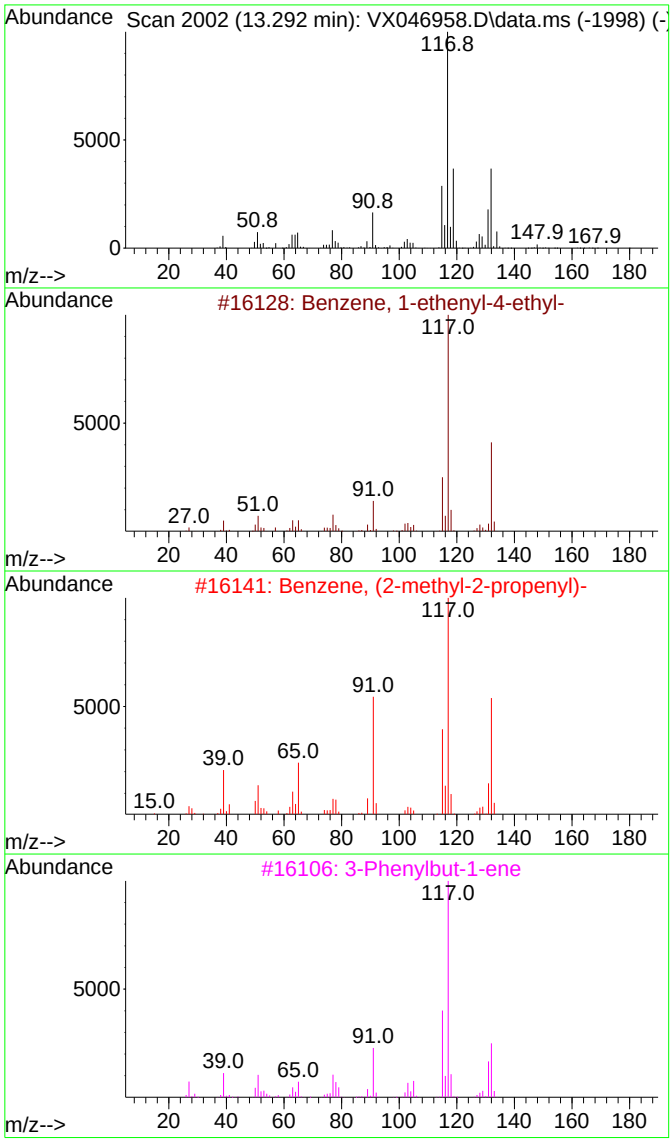
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TIC Integration Parameters: LSCINT.P

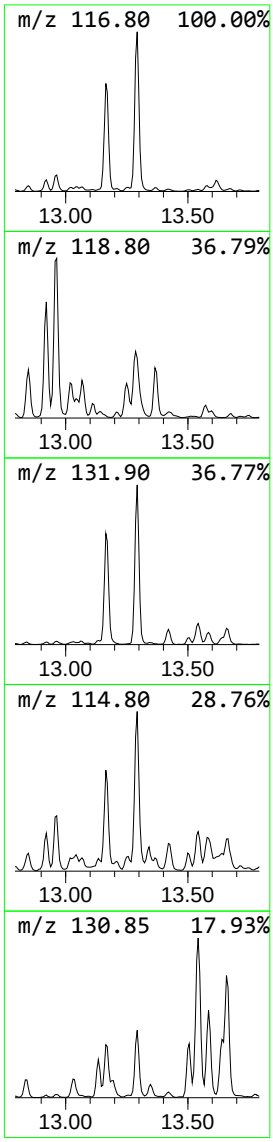
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Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

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

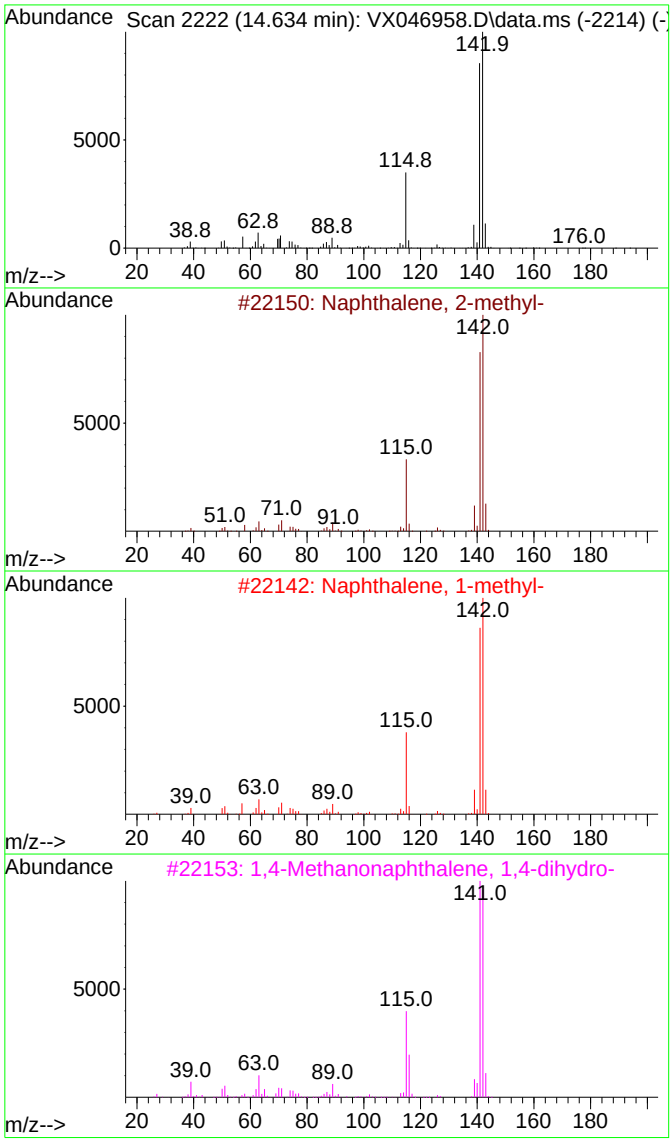
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TIC Integration Parameters: LSCINT.P

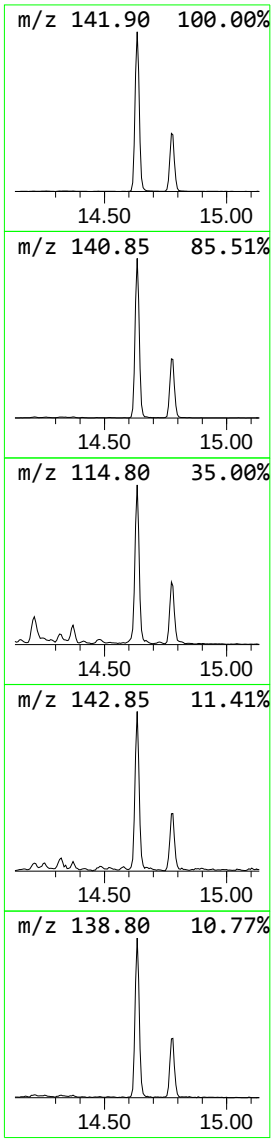
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Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 14

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

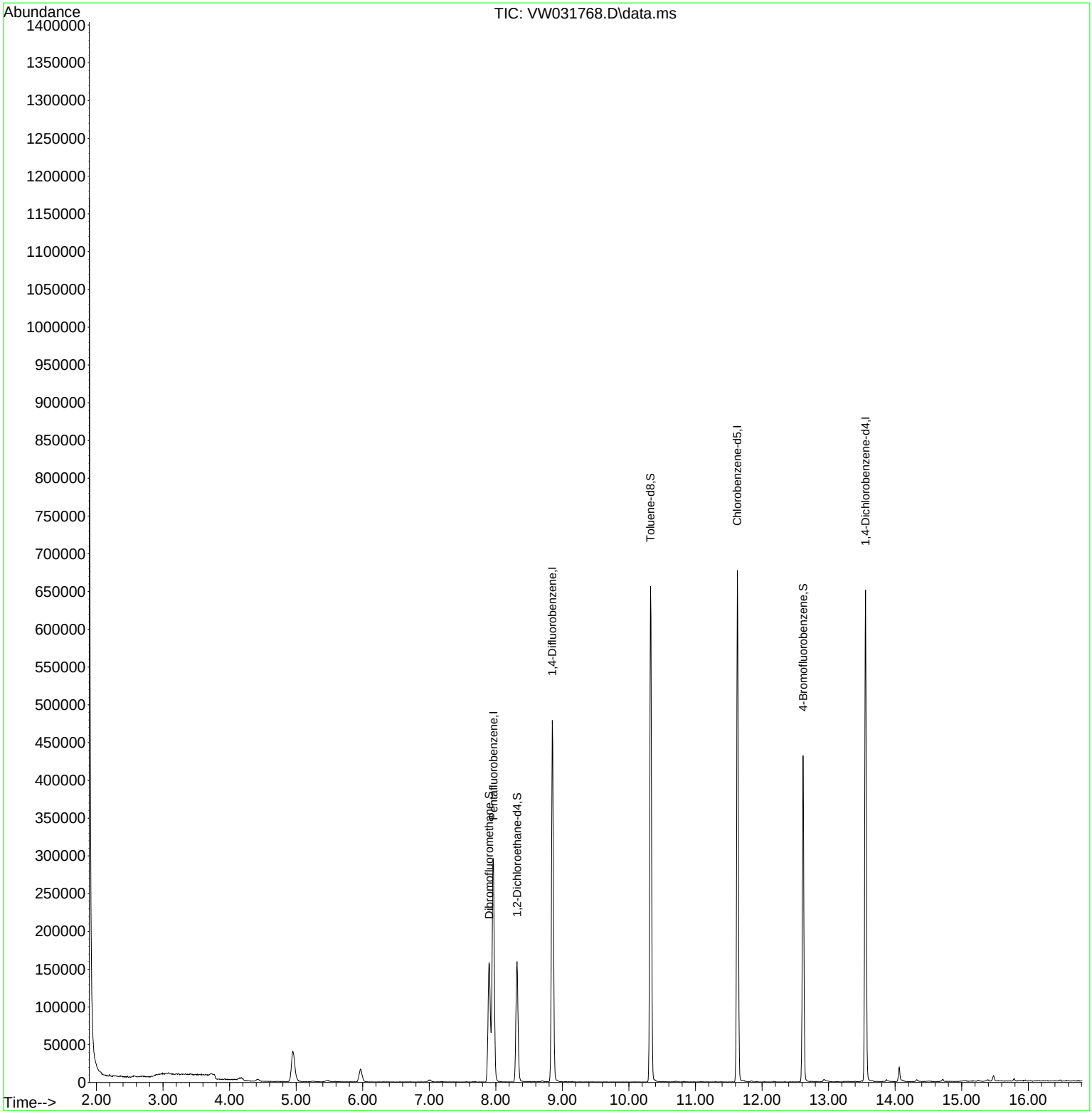
(#) = qualifier out of range (m) = manual integration (+) = signals summed

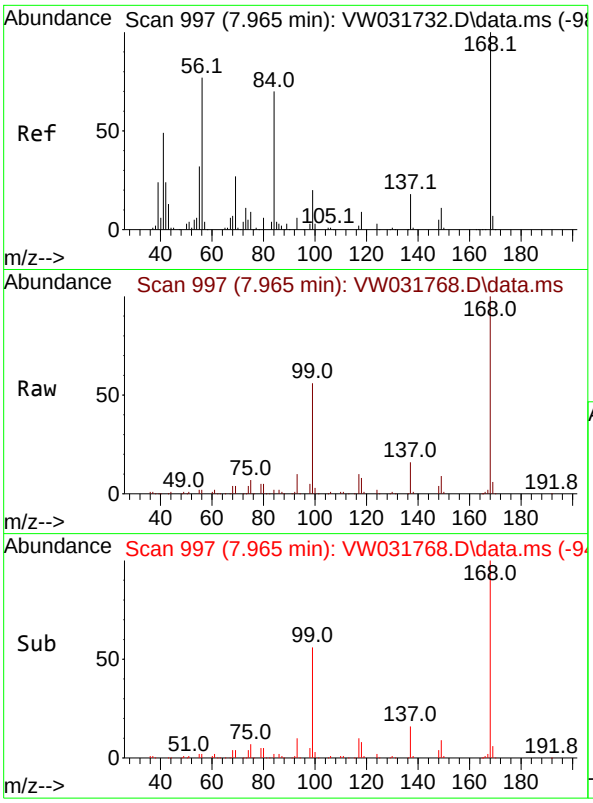
Sample Results: **VW031768.D**

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



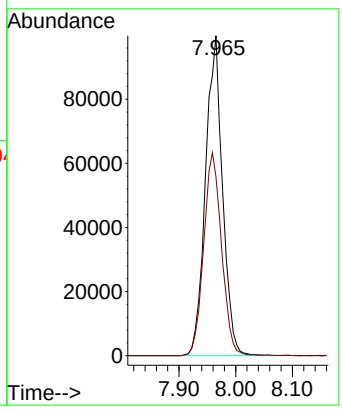


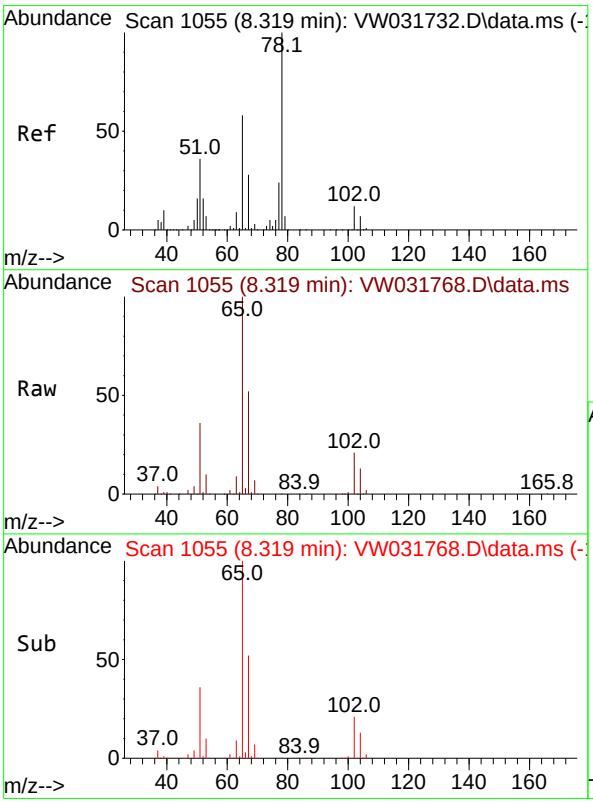
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion:168 Resp: 208773

Ion	Ratio	Lower	Upper
168	100		
99	55.9	49.4	74.2

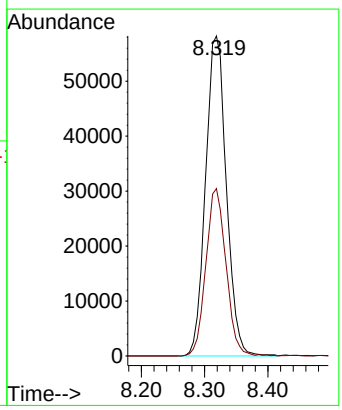


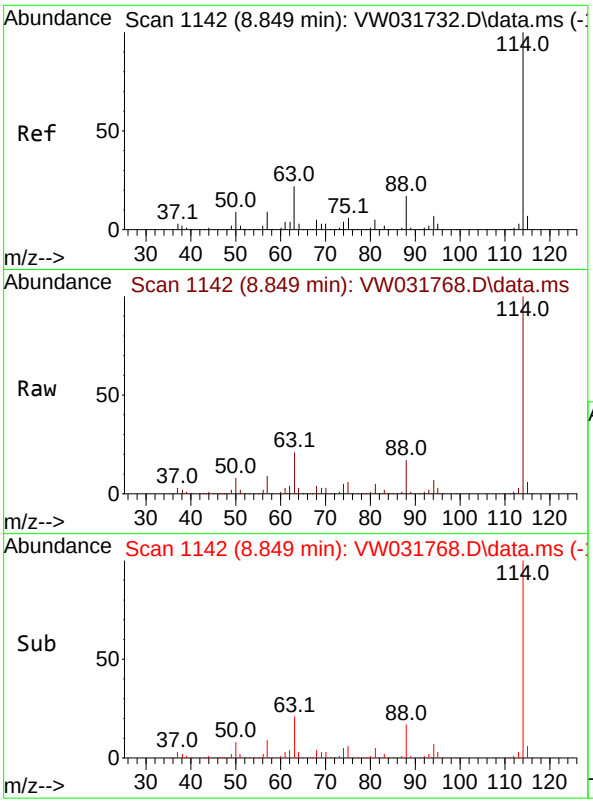


#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion: 65 Resp: 132908

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4



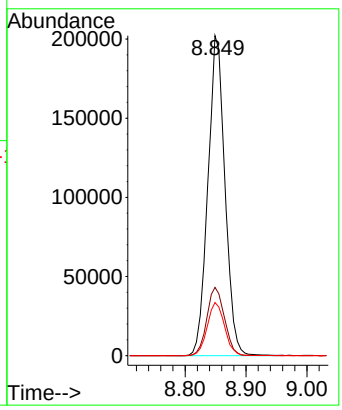


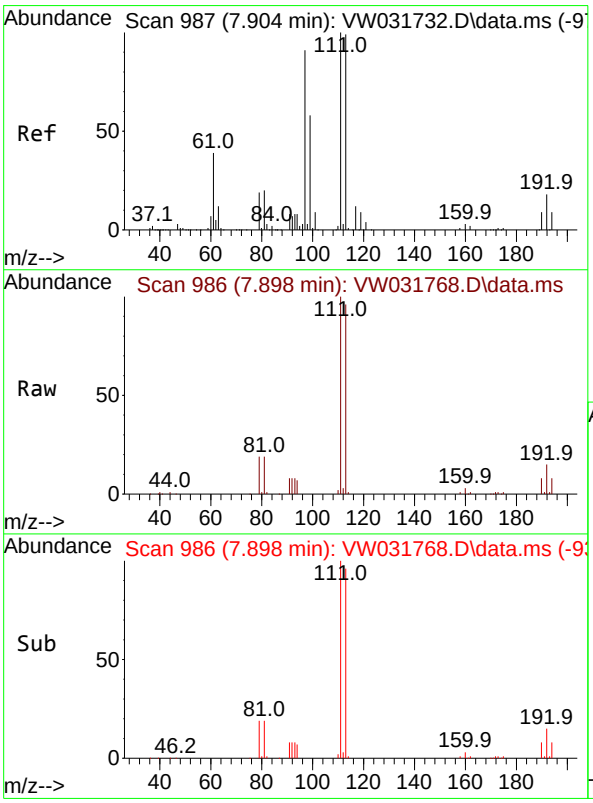
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

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

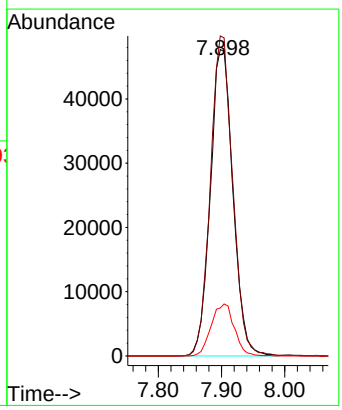


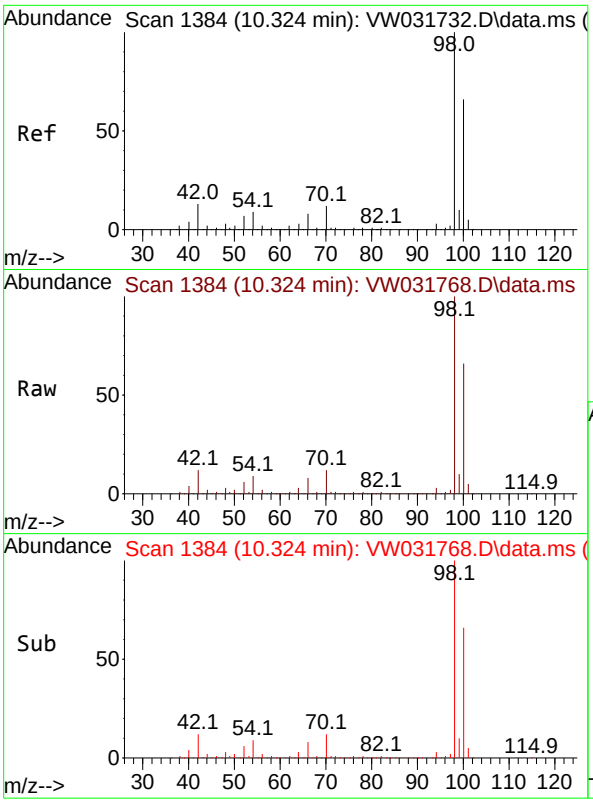


#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

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



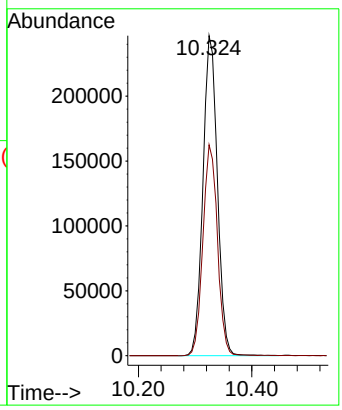


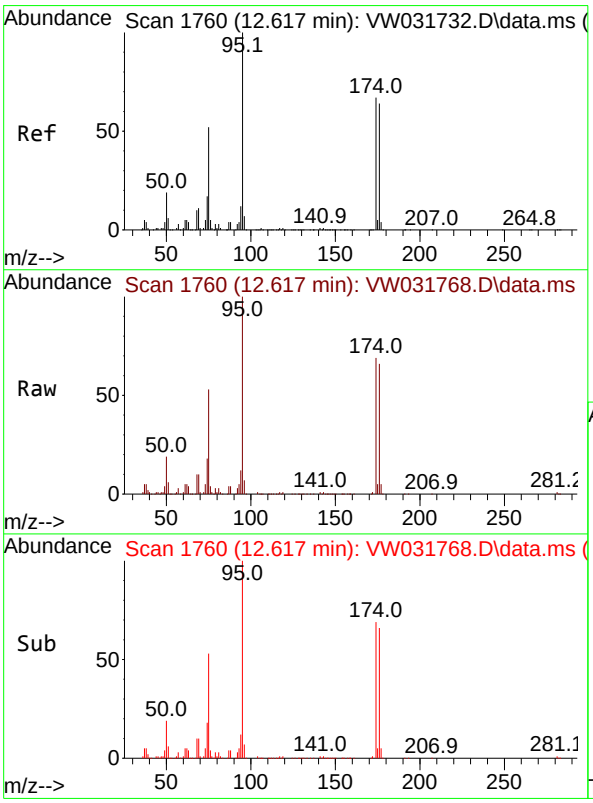
#50
Toluene-d8
Concen: 45.627 ug/l
RT: 10.324 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion: 98 Resp: 436151

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

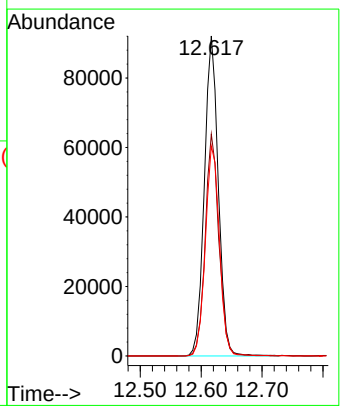


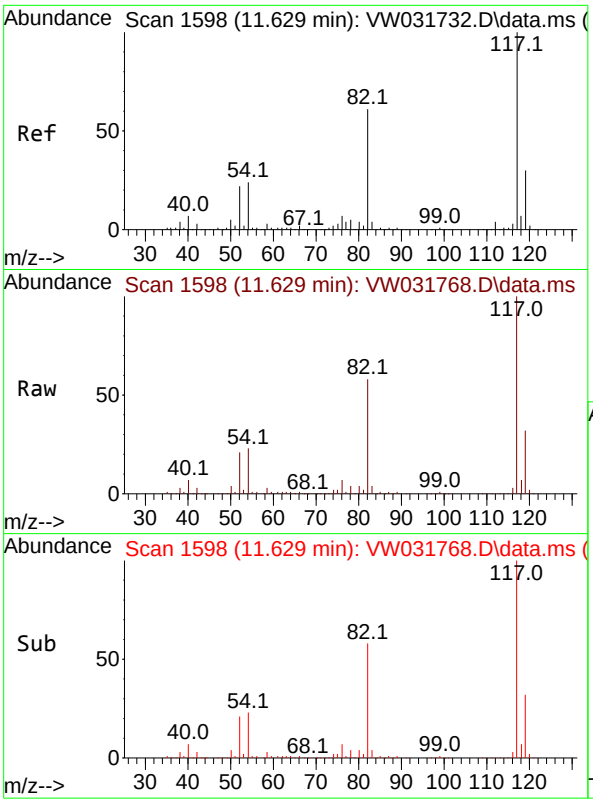


#62
4-Bromofluorobenzene
Concen: 41.818 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

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



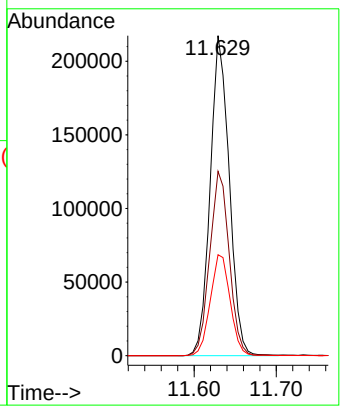


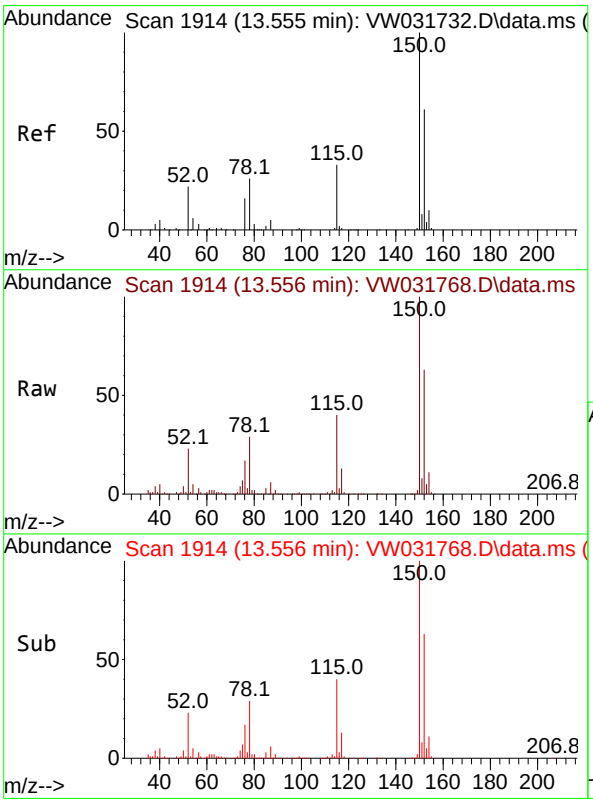
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

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

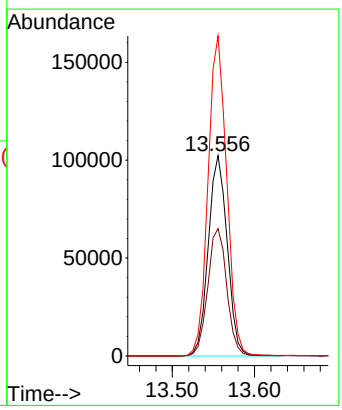




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

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

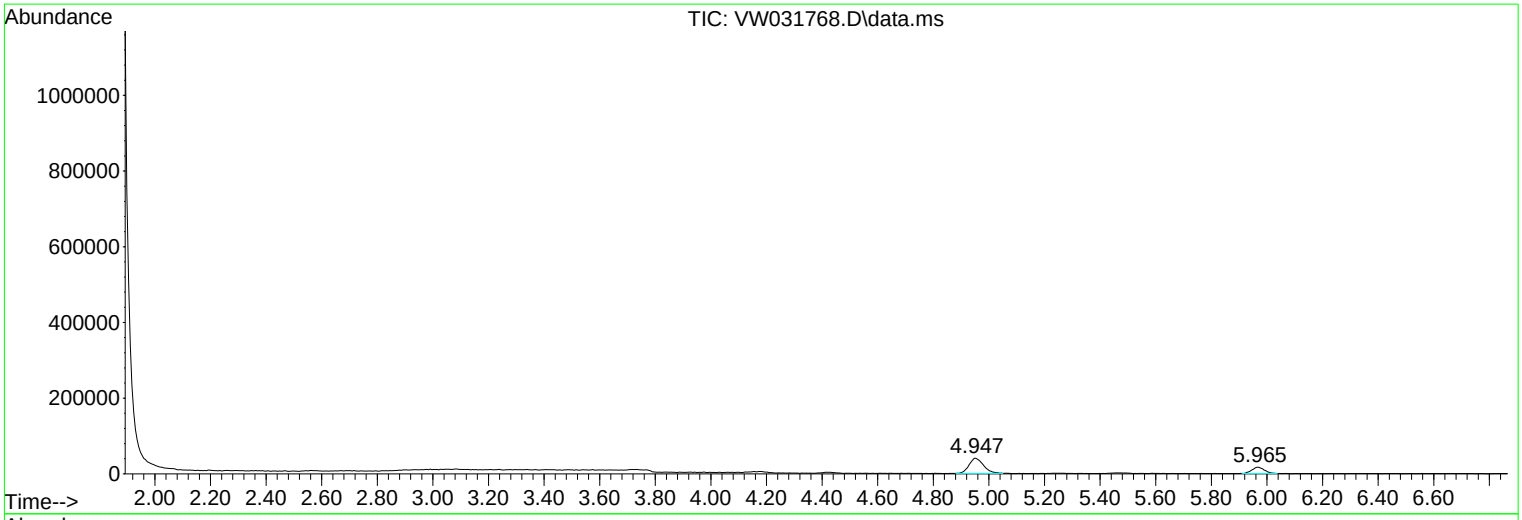
Sample Results: **VW031768.D**

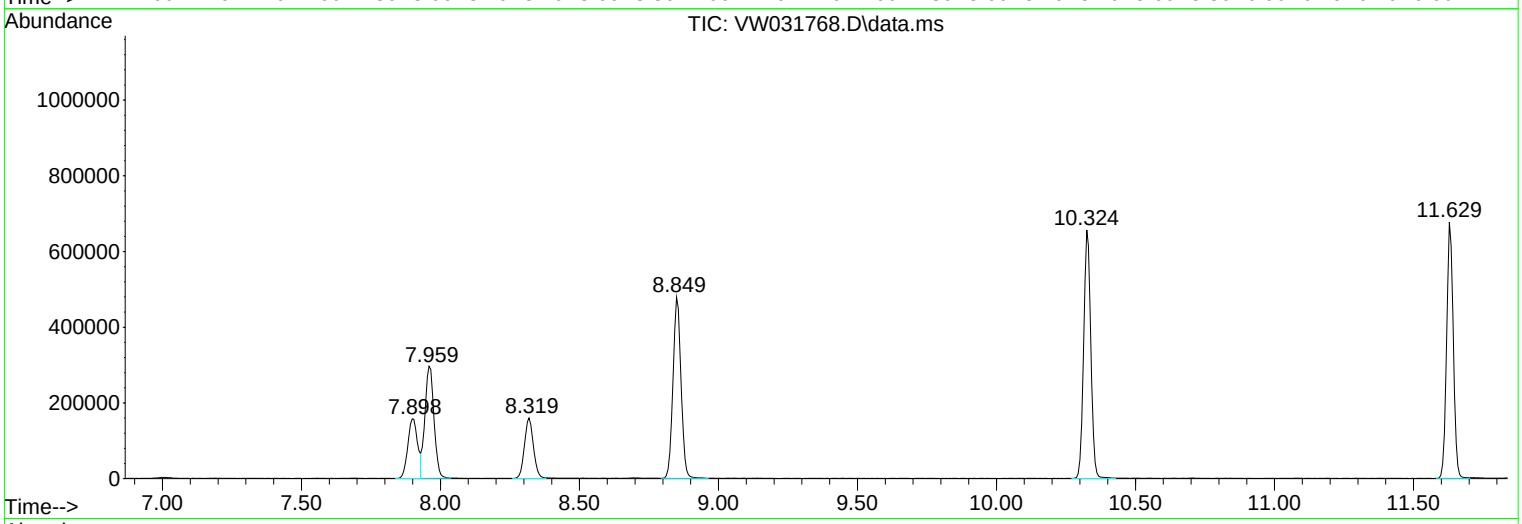
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031768.D
Acq On : 09 Jul 2025 10:58
Operator : SY/MD
Sample : VW0709SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

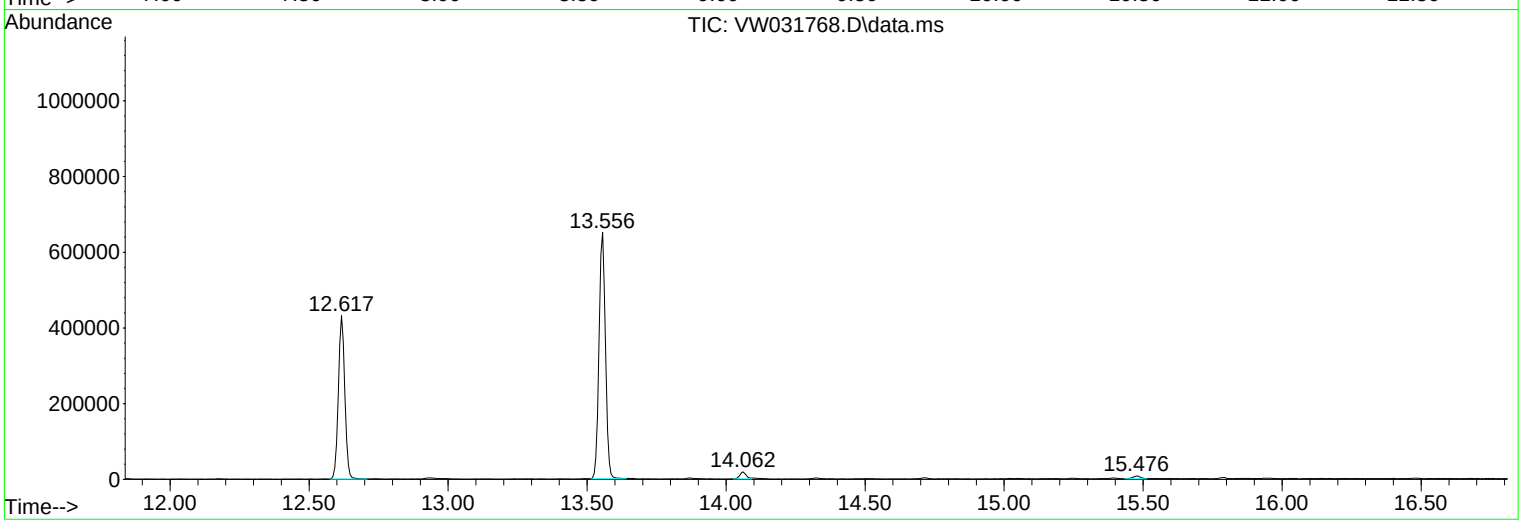
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

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

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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%			

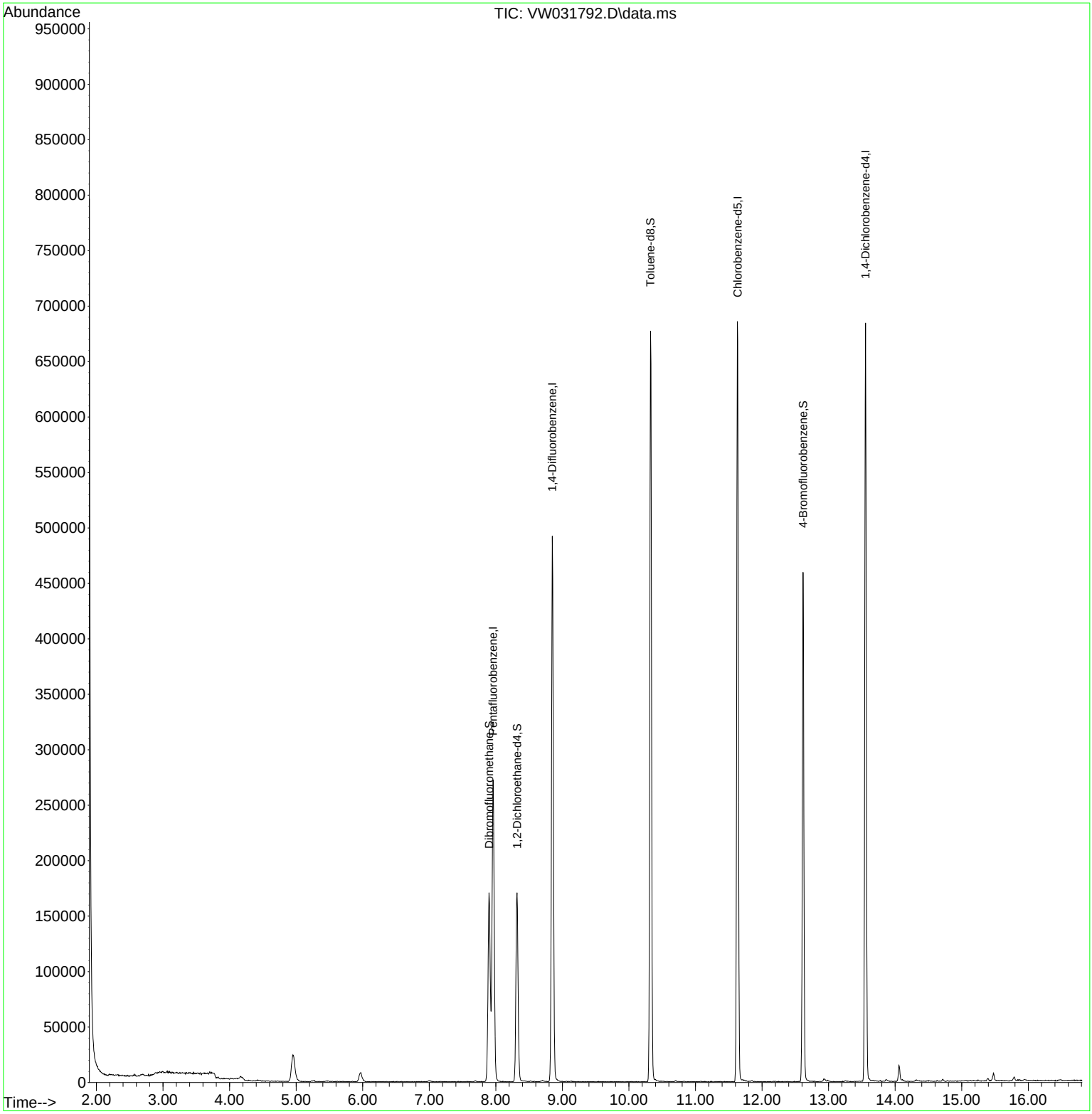
Target Compounds Qvalue

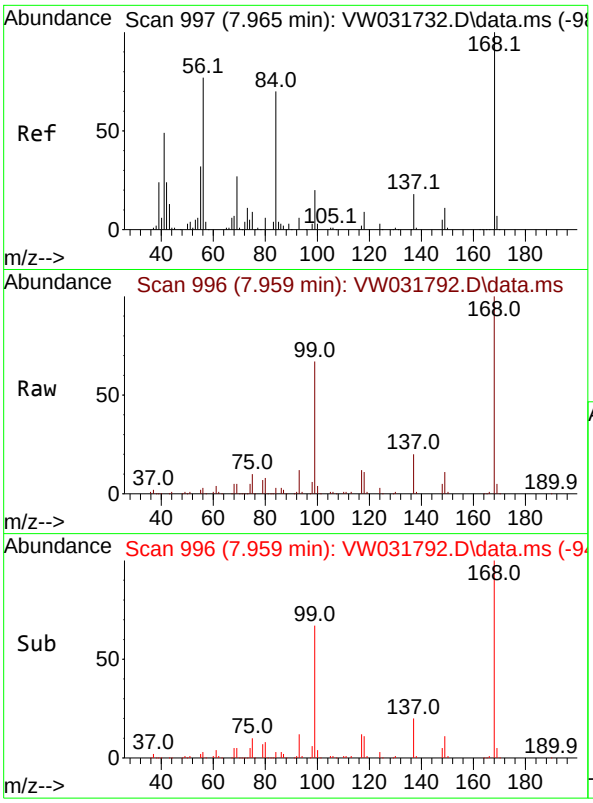
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



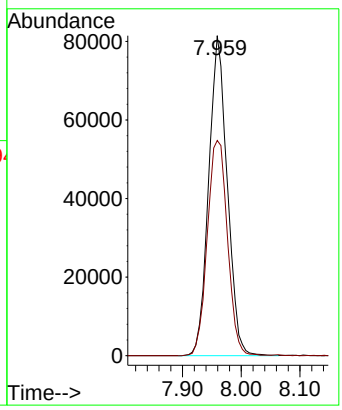


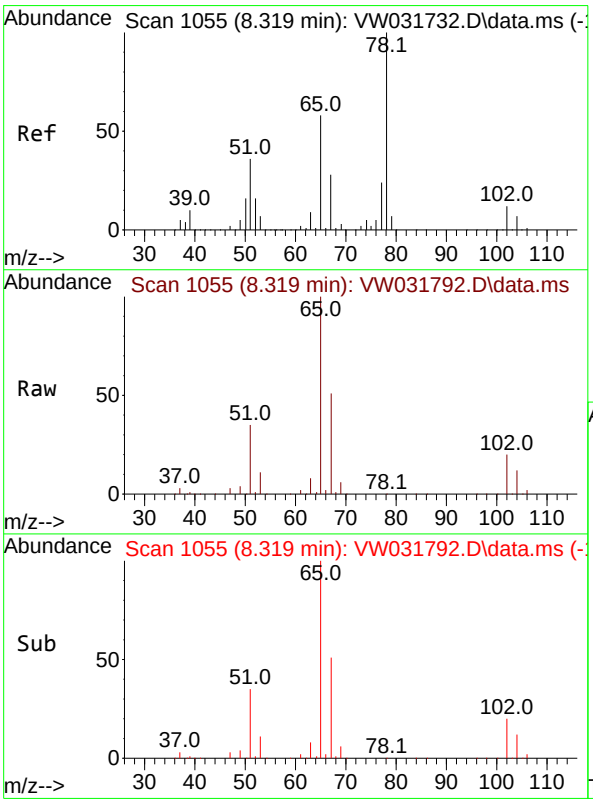
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion:168 Resp: 178449

Ion	Ratio	Lower	Upper
168	100		
99	67.2	49.4	74.2

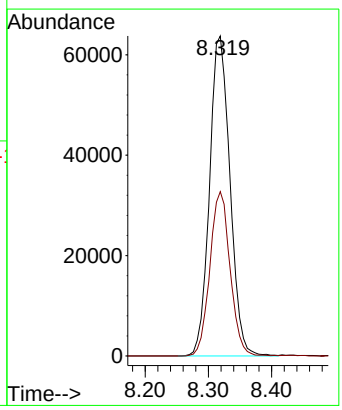


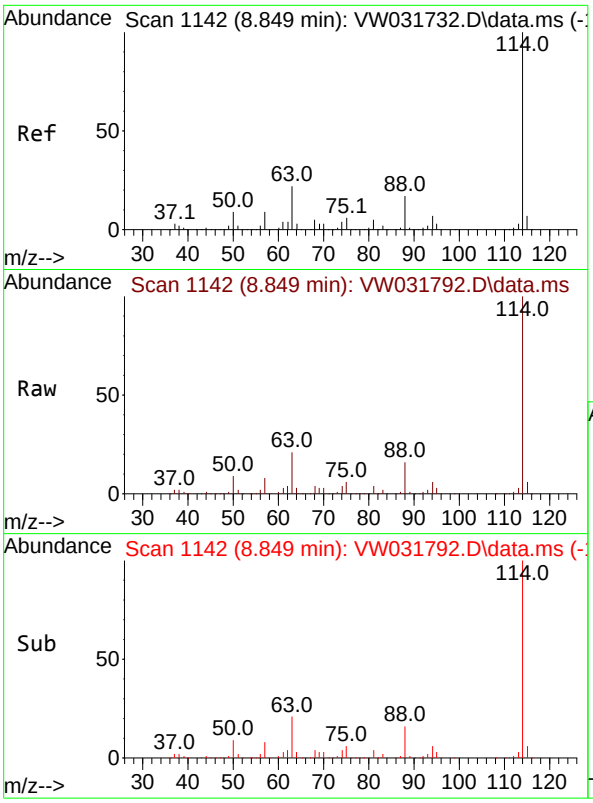


#33
1,2-Dichloroethane-d4
Concen: 55.872 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 65 Resp: 143086

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4



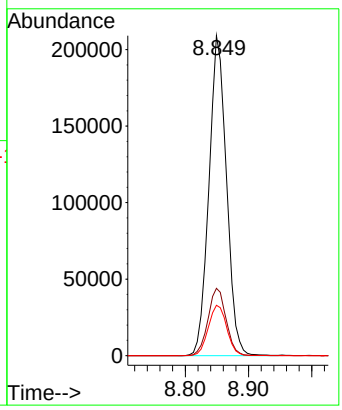


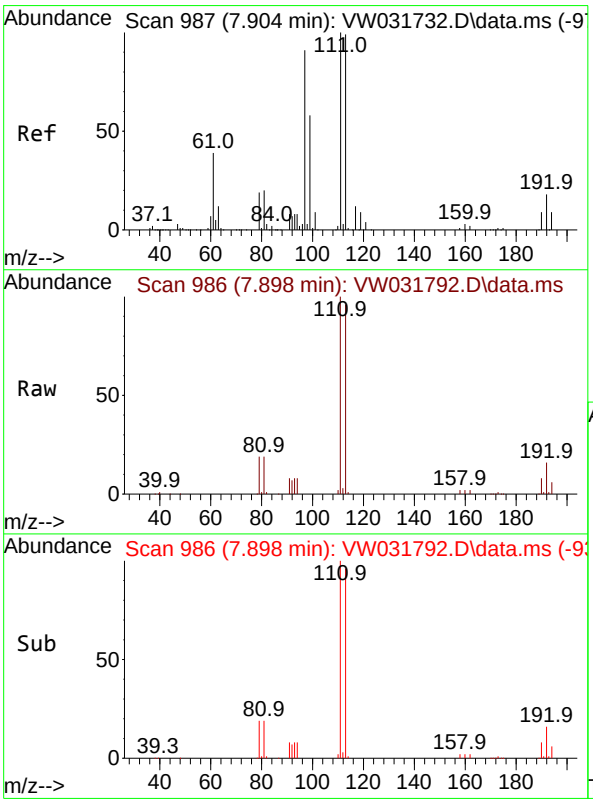
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

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

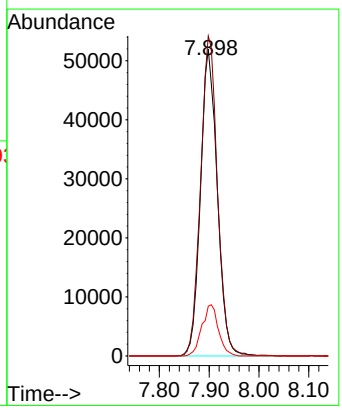


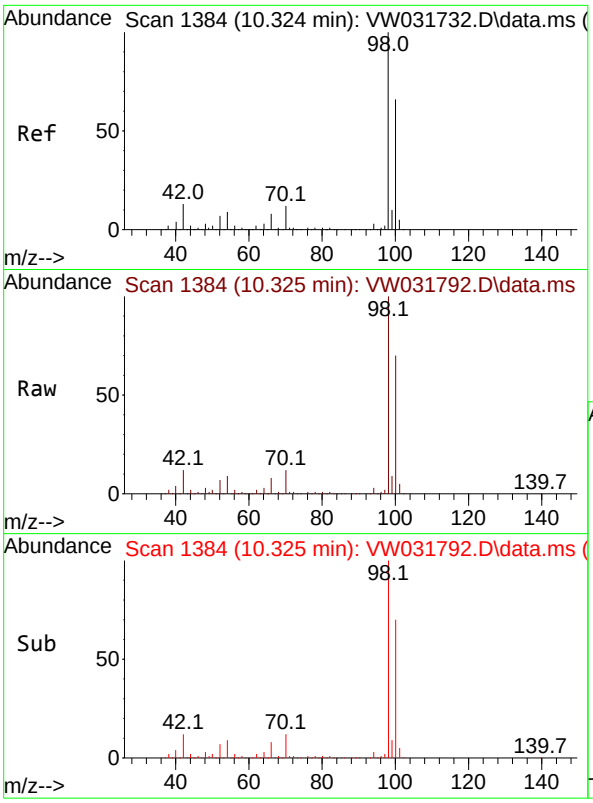


#35
Dibromofluoromethane
Concen: 46.029 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

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



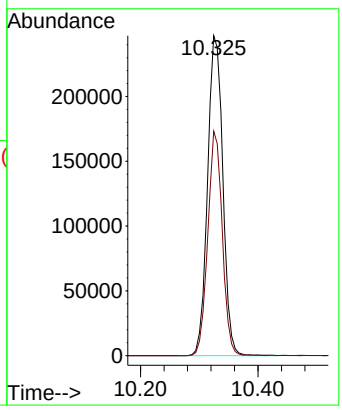


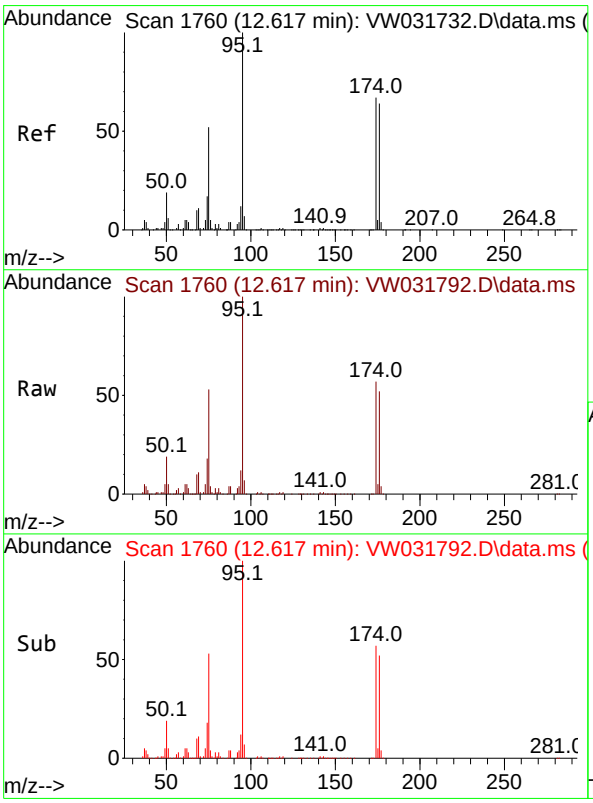
#50
Toluene-d8
Concen: 45.468 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tgt Ion: 98 Resp: 445433

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

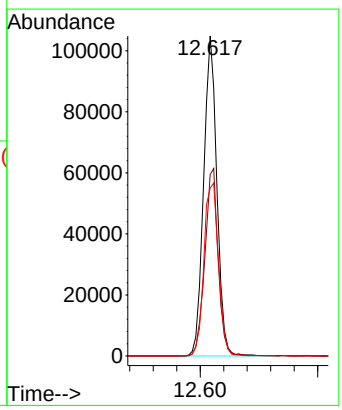


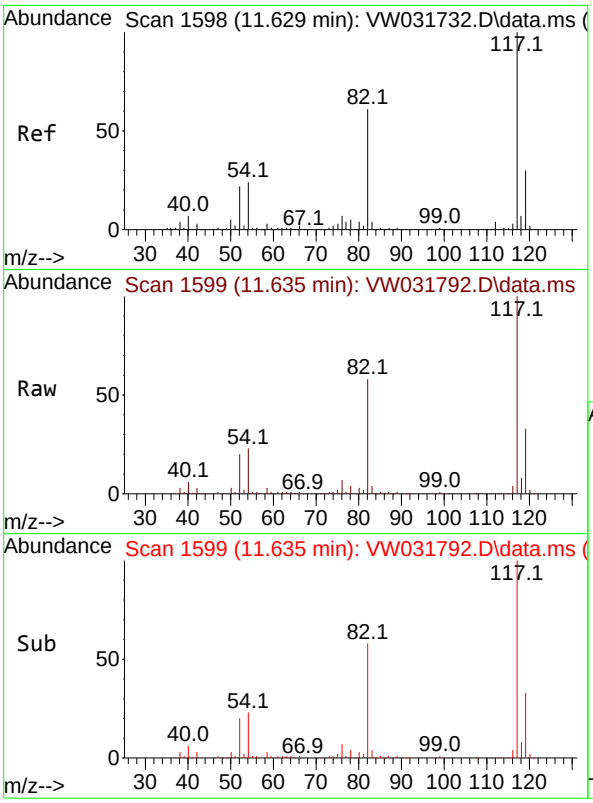


#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

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



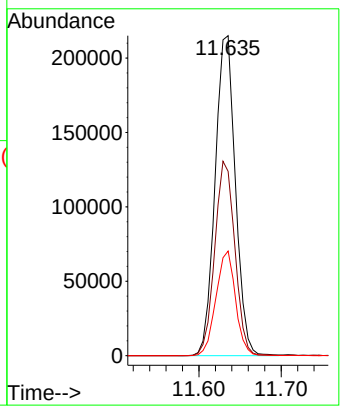


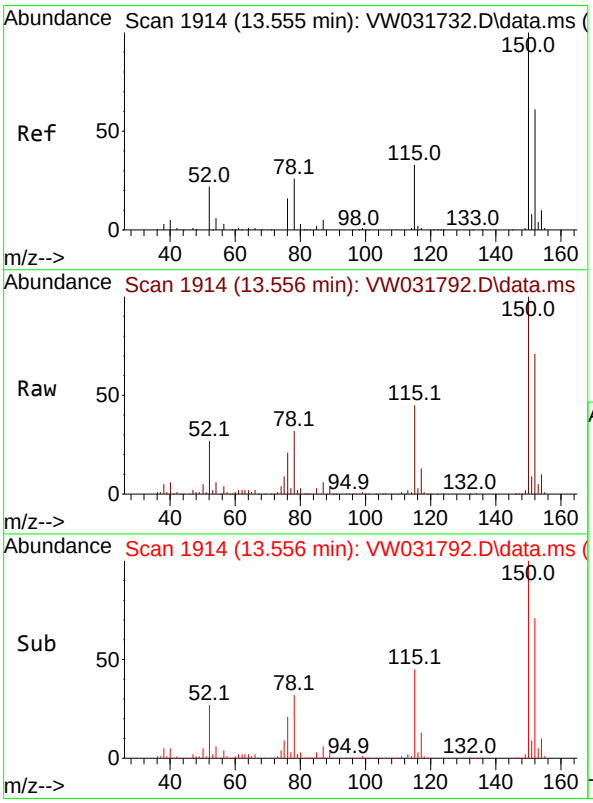
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

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

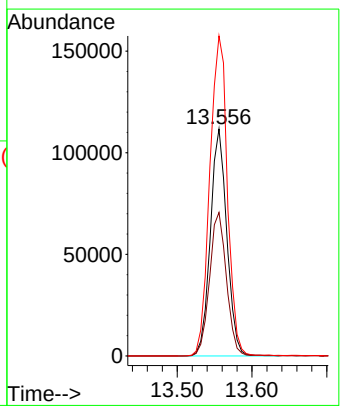




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

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

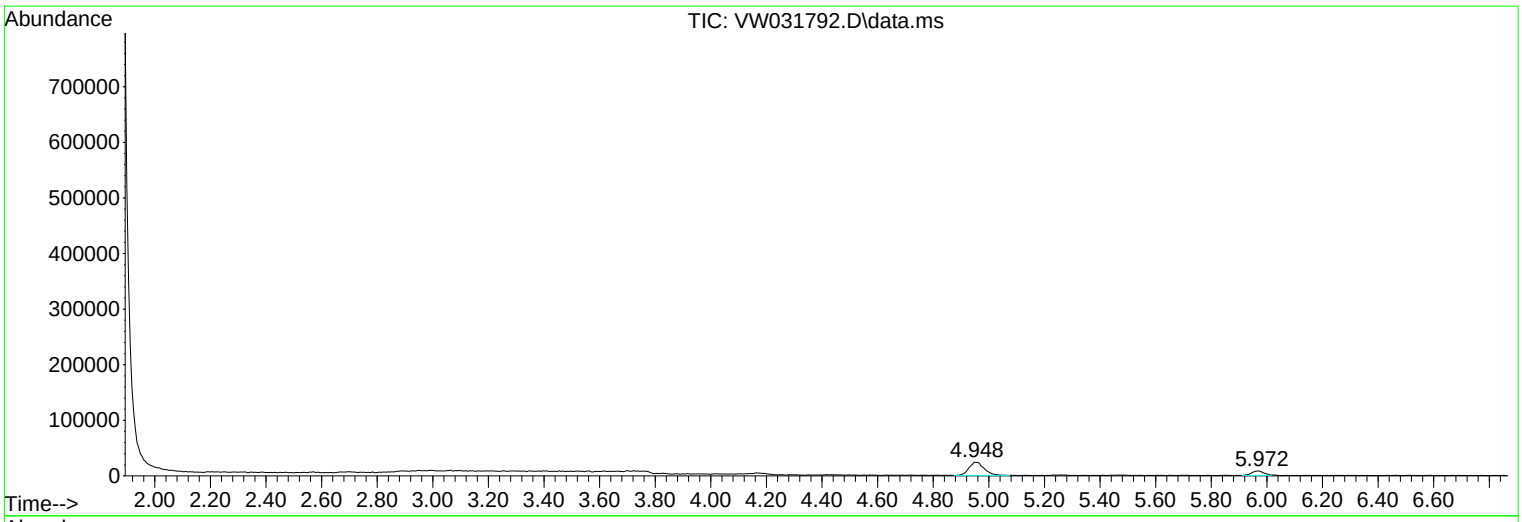
Sample Results: **VW031792.D**

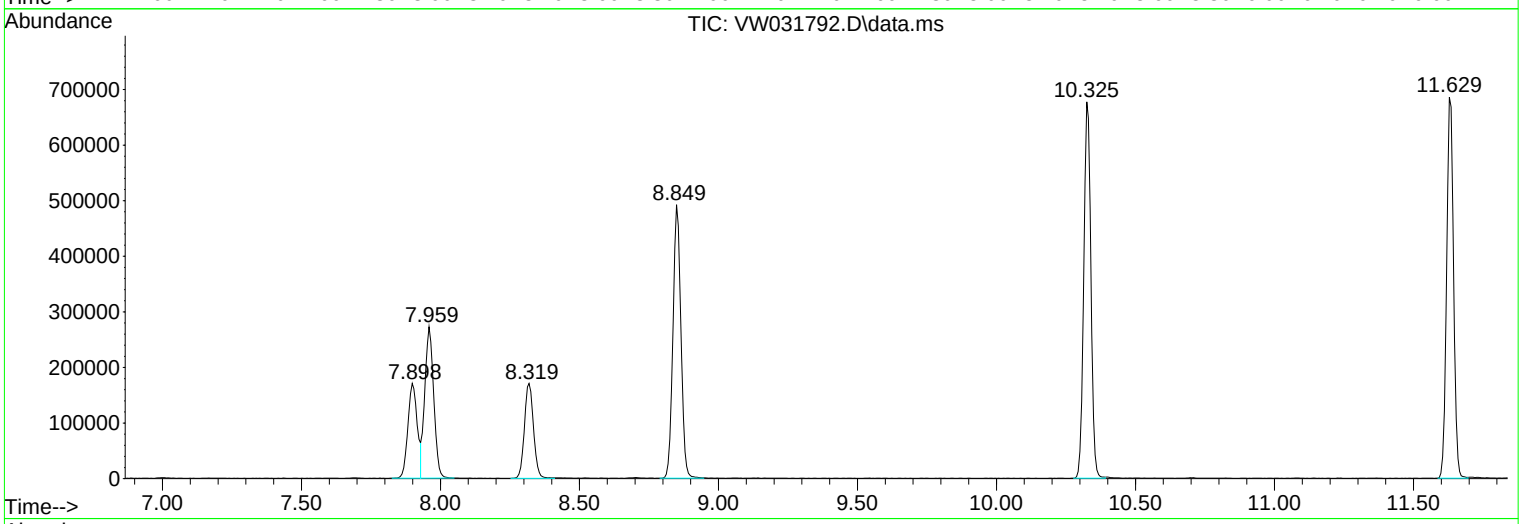
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
Acq On : 10 Jul 2025 10:15
Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

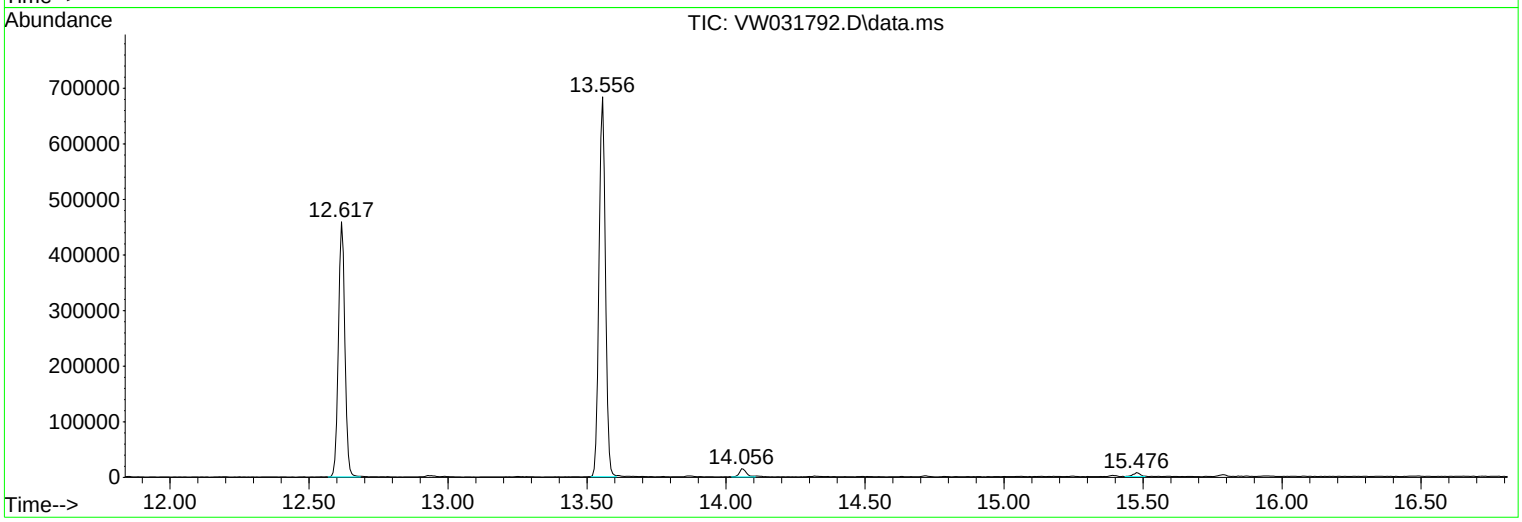
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

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

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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%			

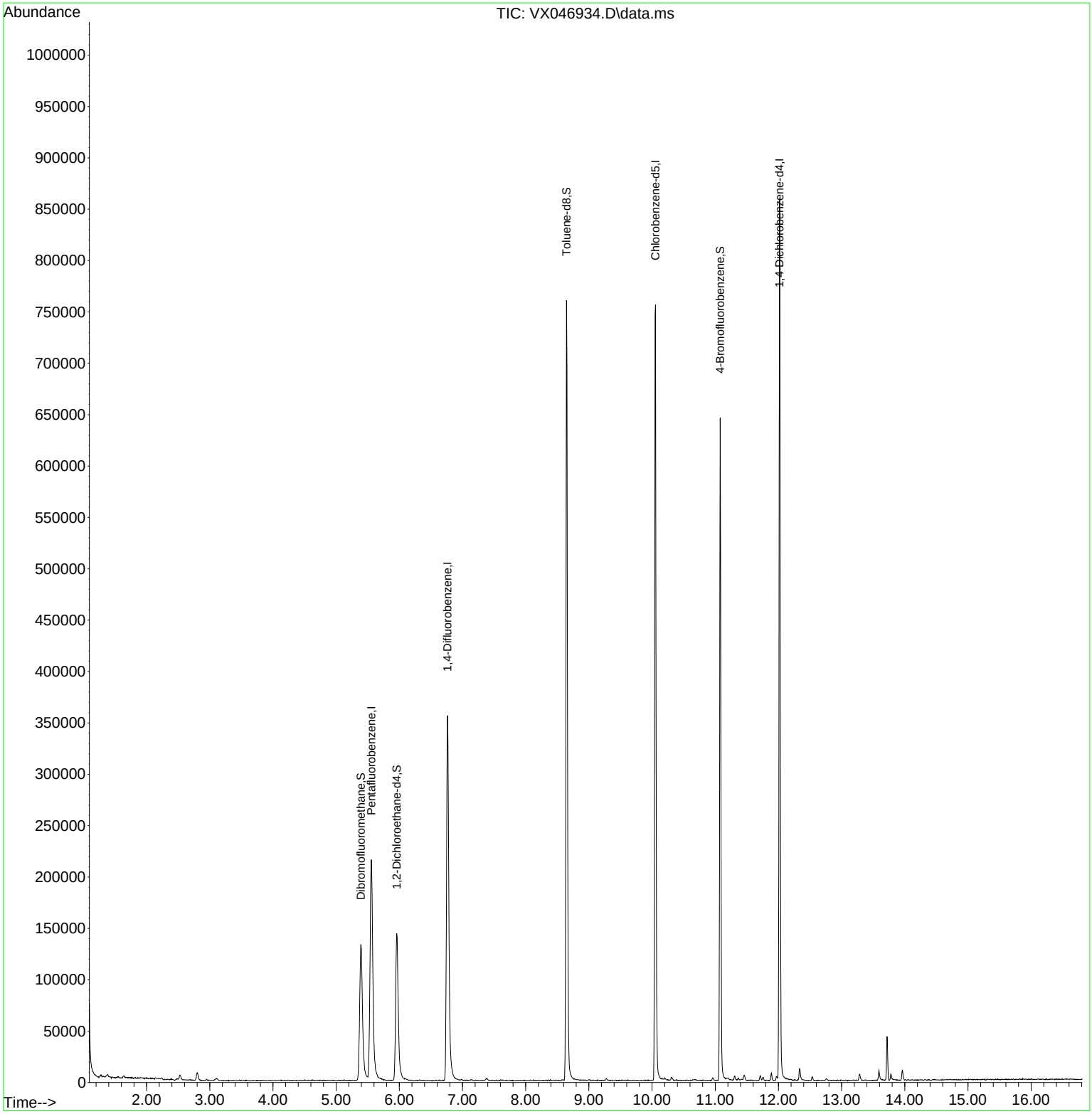
Target Compounds Qvalue

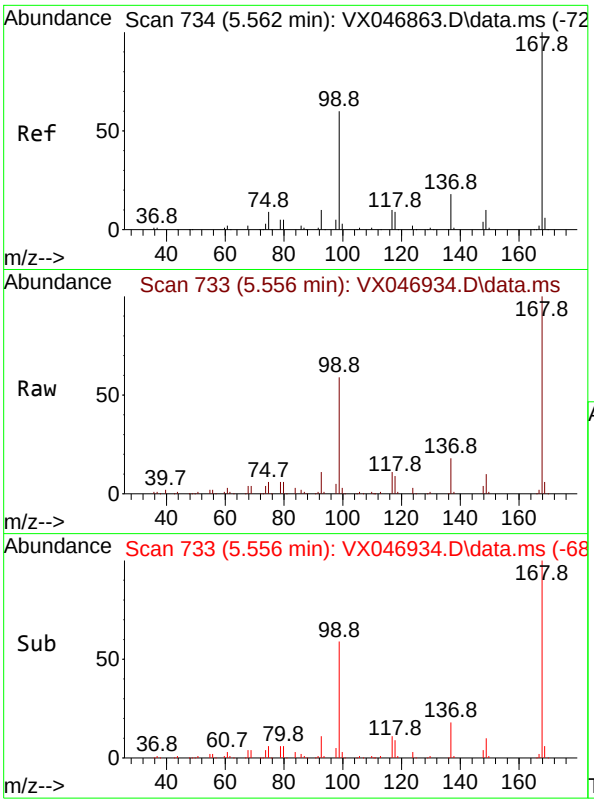
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



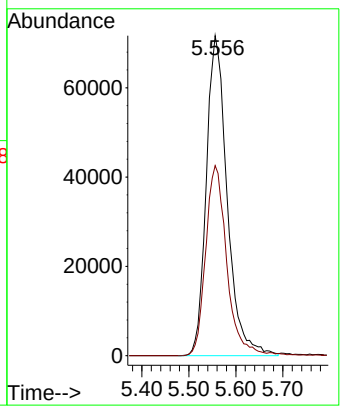


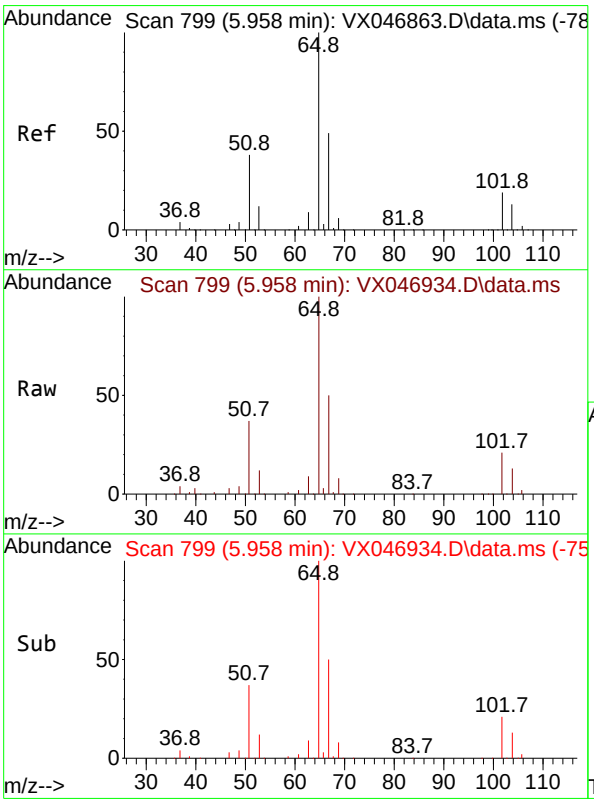
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion:168 Resp: 220827

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.8	73.2

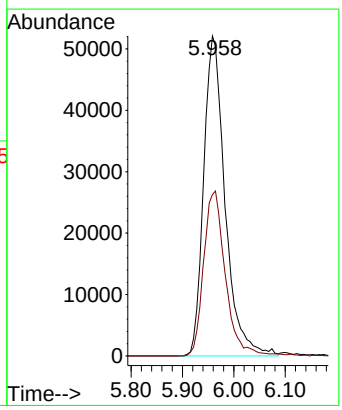


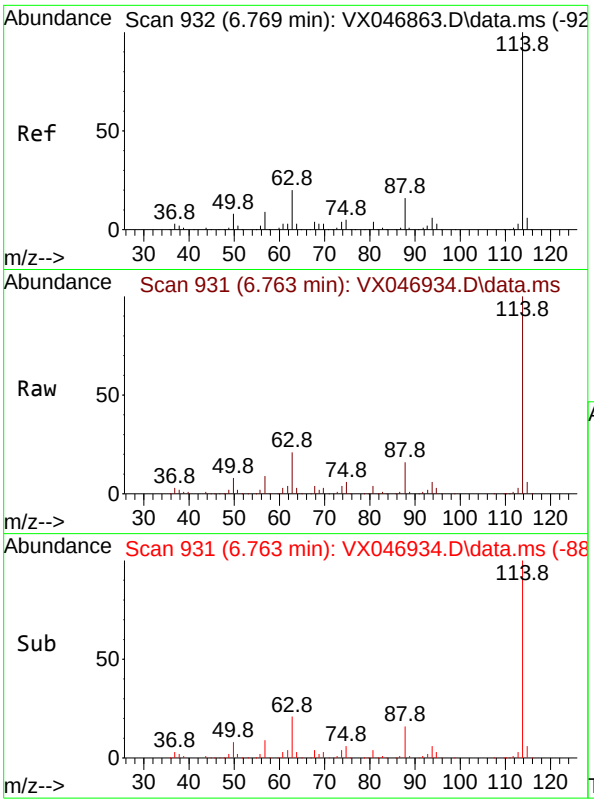


#33
1,2-Dichloroethane-d4
Concen: 51.629 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion: 65 Resp: 150620

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



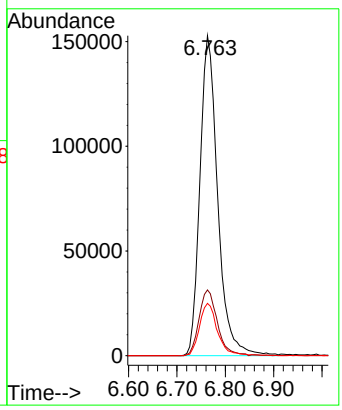


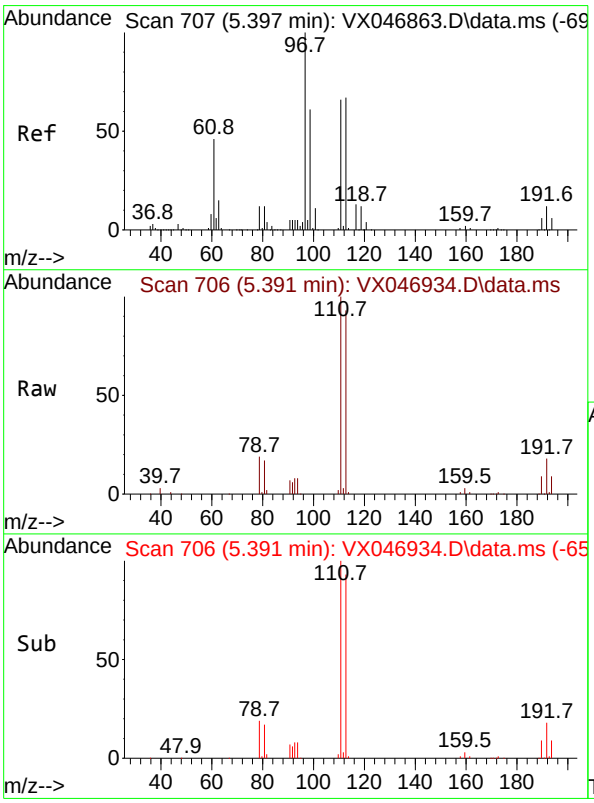
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

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

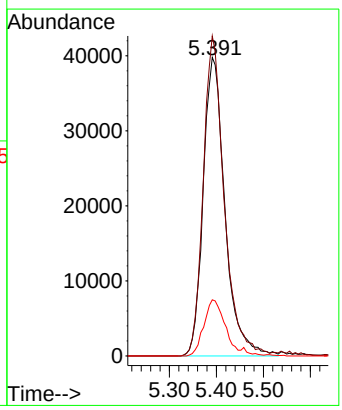


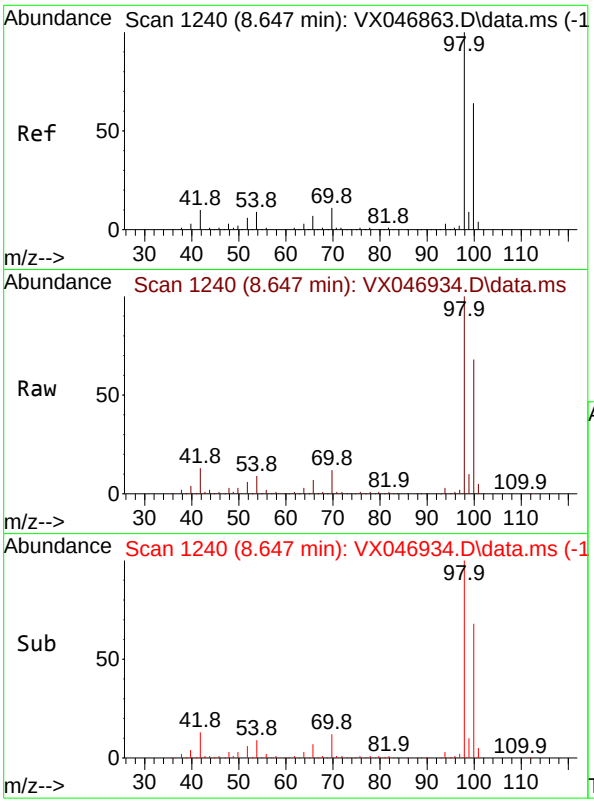


#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

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



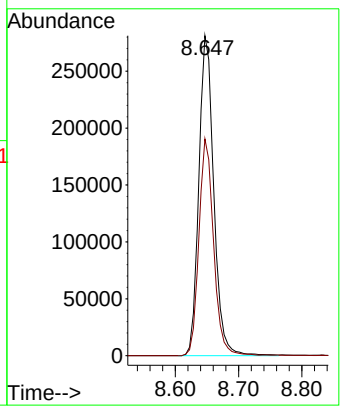


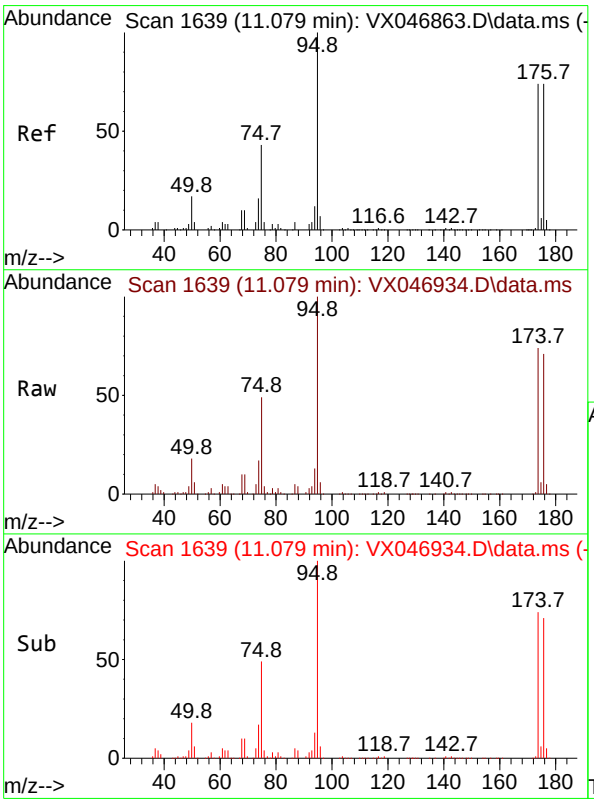
#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion: 98 Resp: 463264

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

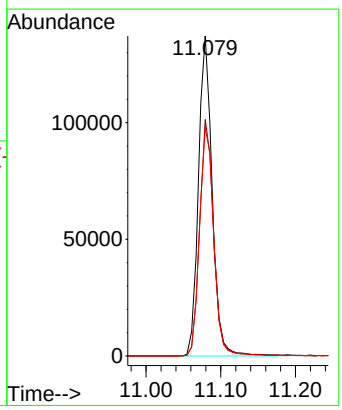


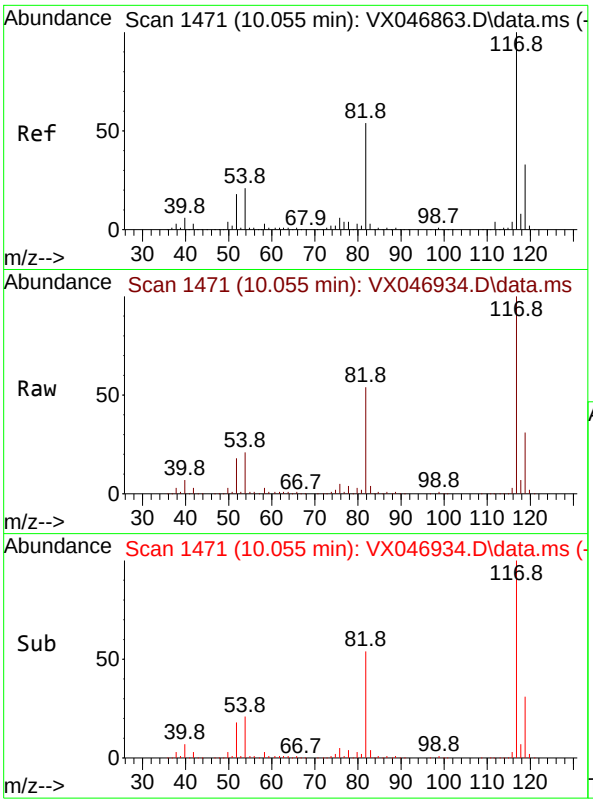


#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

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



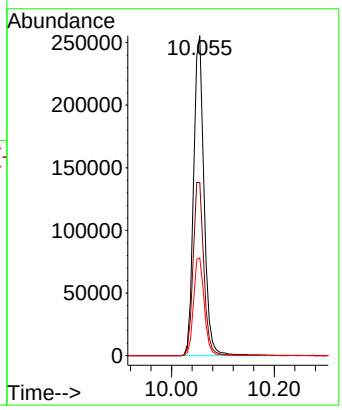


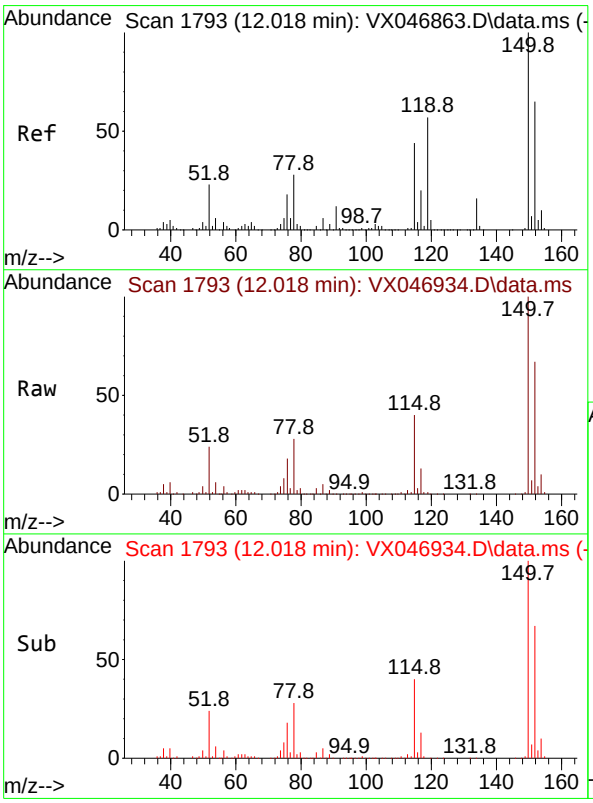
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

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

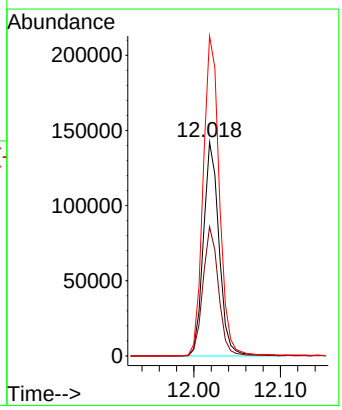




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

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

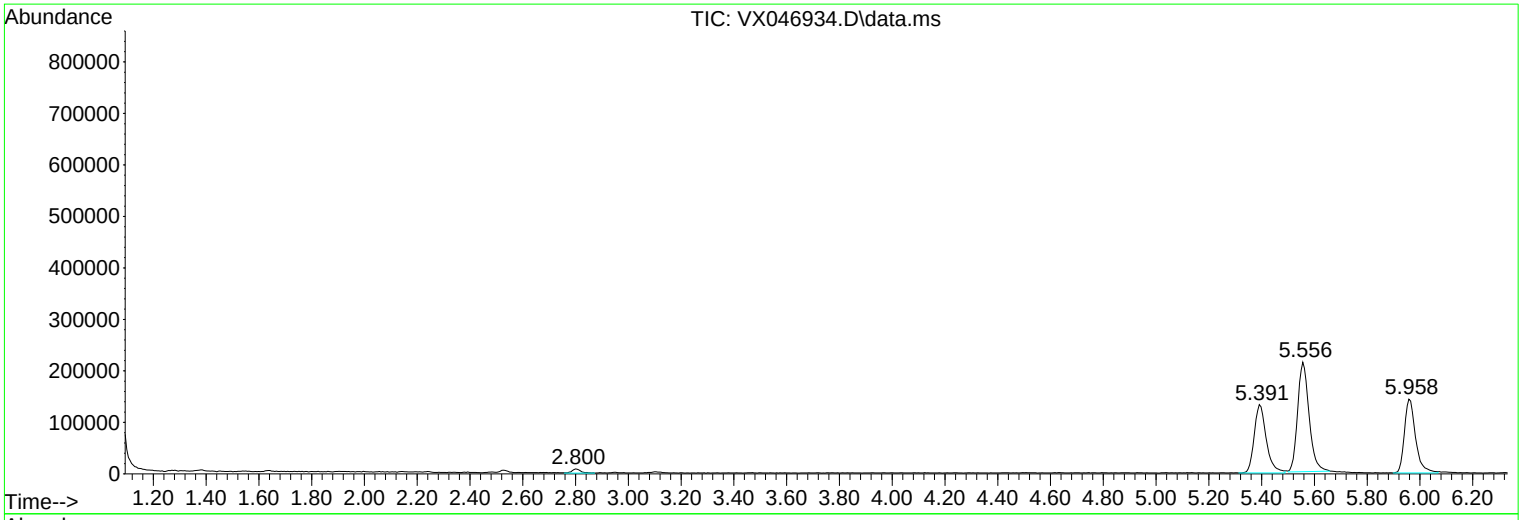
Sample Results: **VX046934.D**

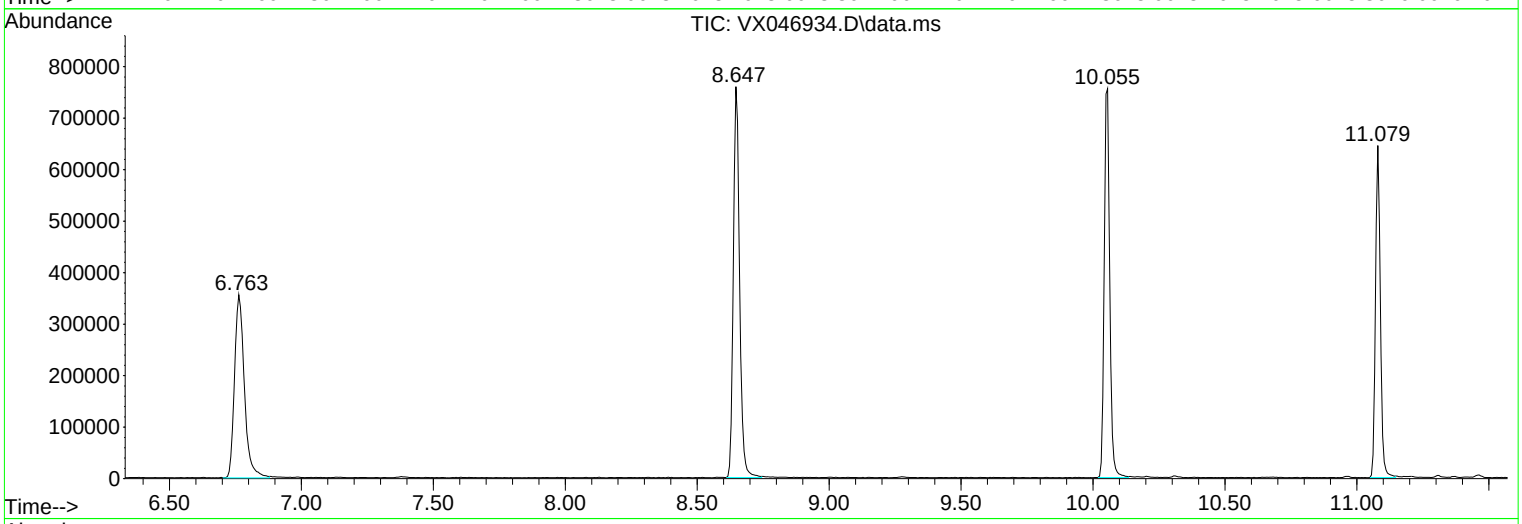
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046934.D
Acq On : 10 Jul 2025 10:22
Operator : JC/MD
Sample : VX0710MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

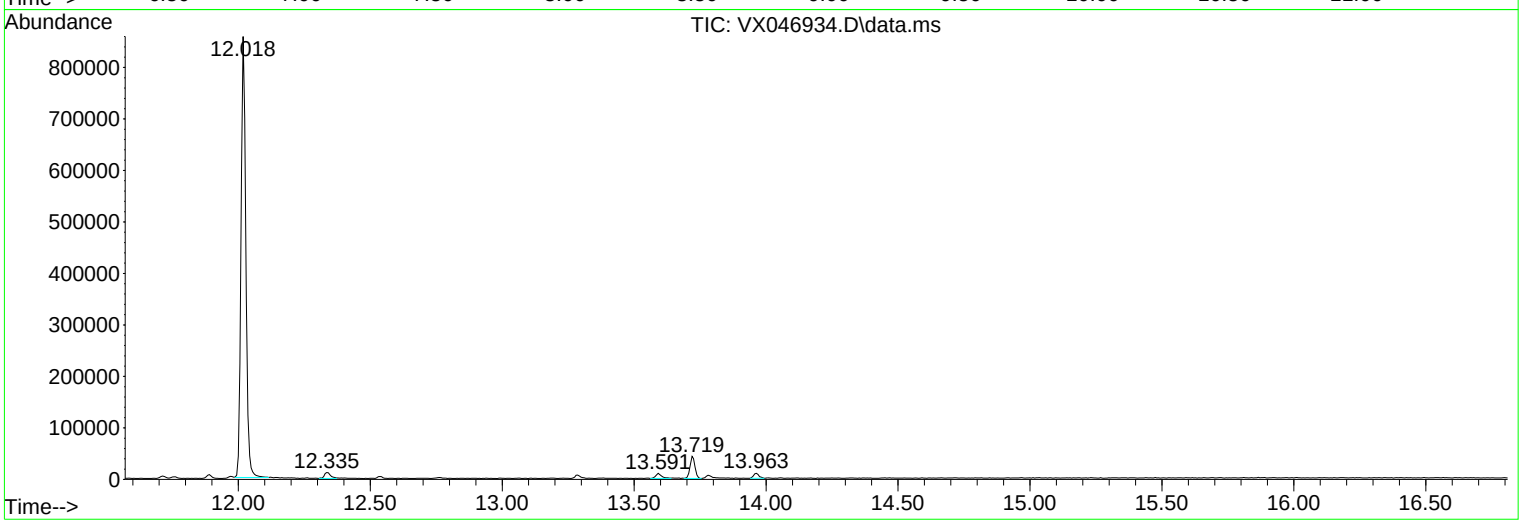
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

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%			

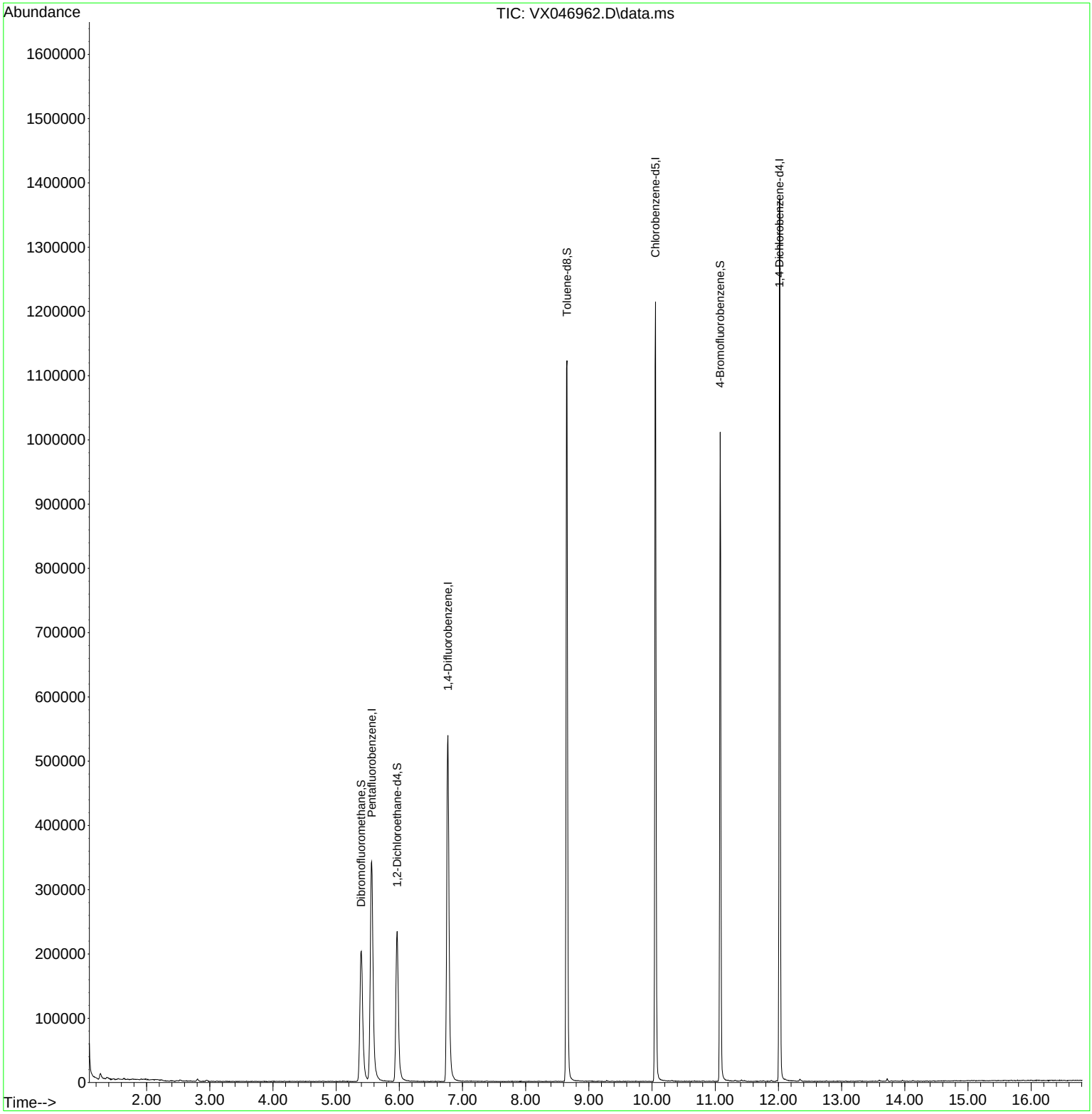
Target Compounds Qvalue

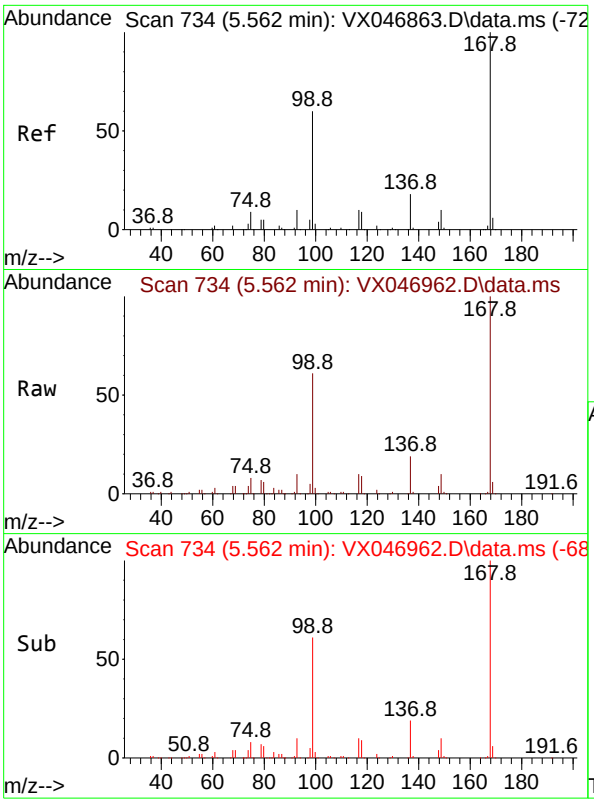
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



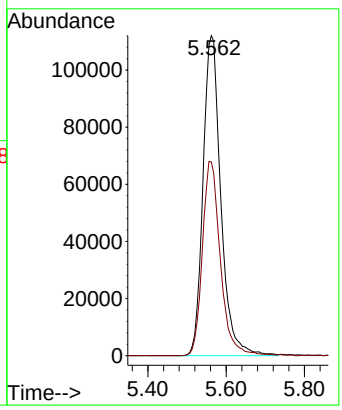


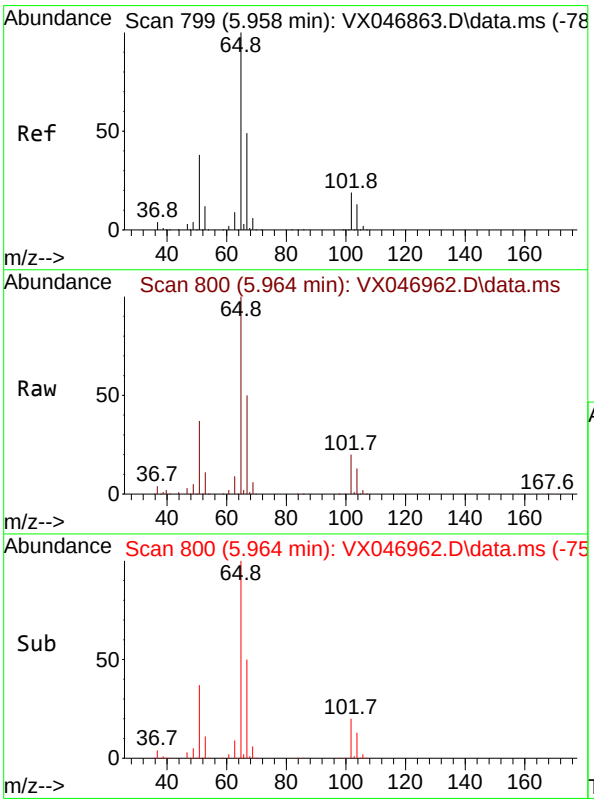
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion:168 Resp: 353449

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.8	73.2

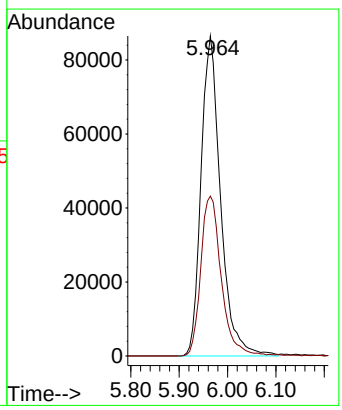


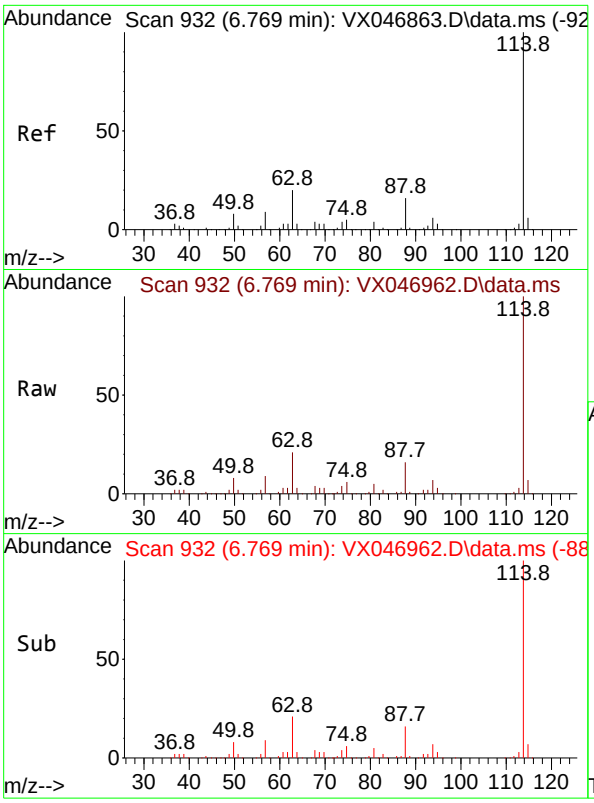


#33
1,2-Dichloroethane-d4
Concen: 51.959 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Tgt Ion: 65 Resp: 242617

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



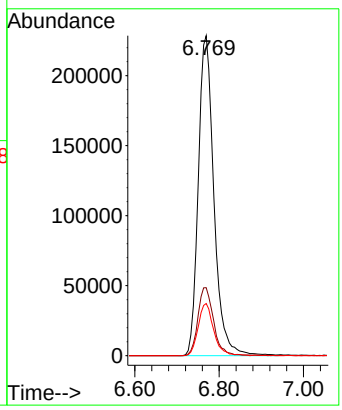


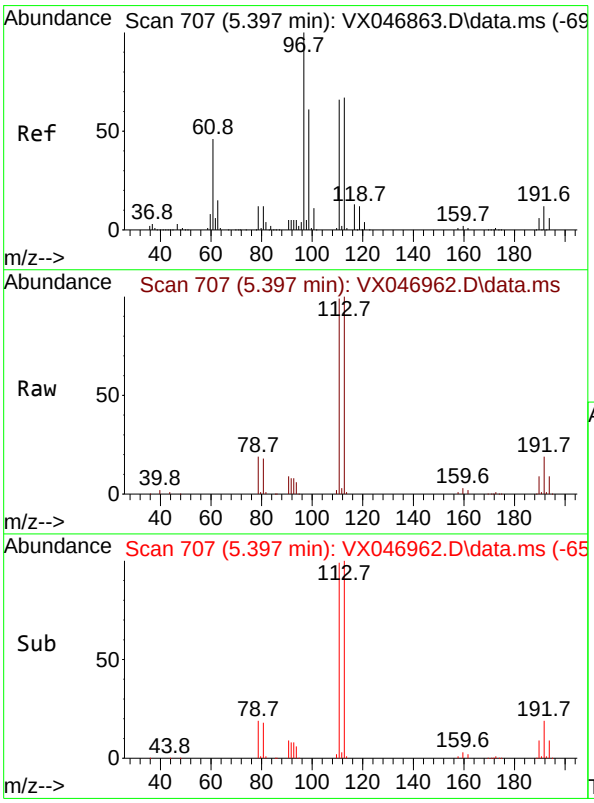
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

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

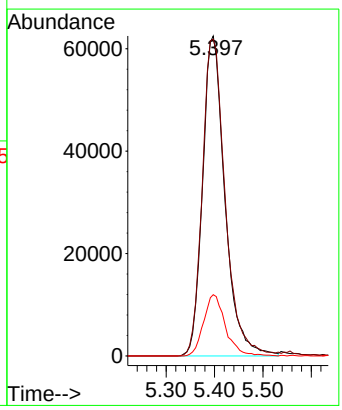


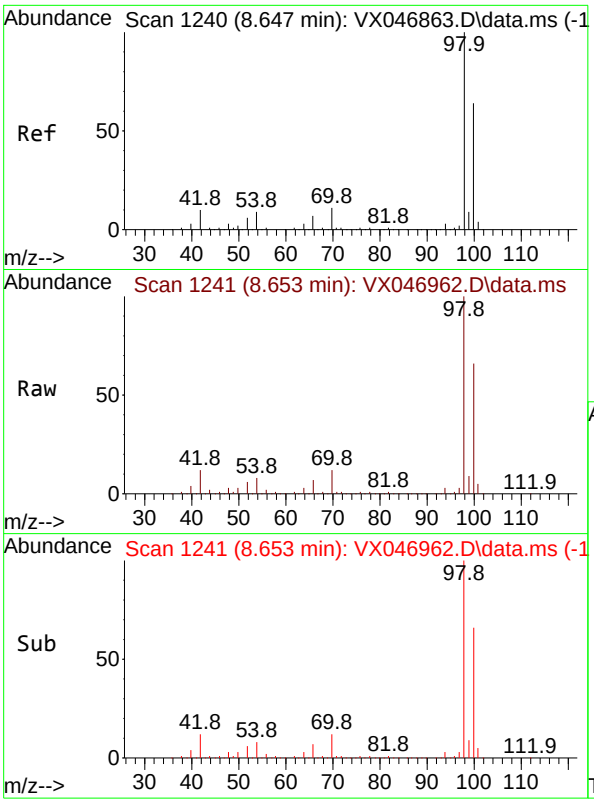


#35
Dibromofluoromethane
Concen: 49.876 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

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



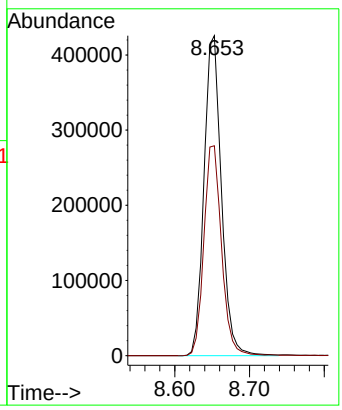


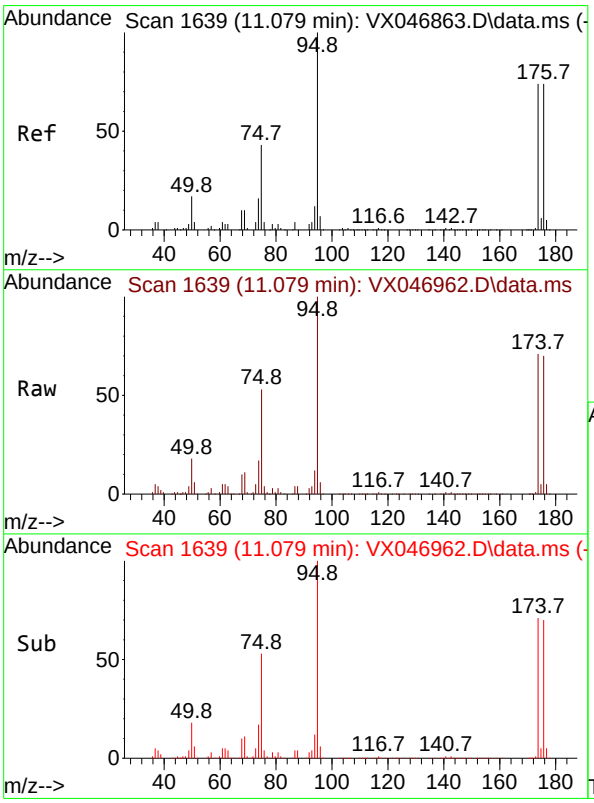
#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

Tgt Ion: 98 Resp: 689113

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

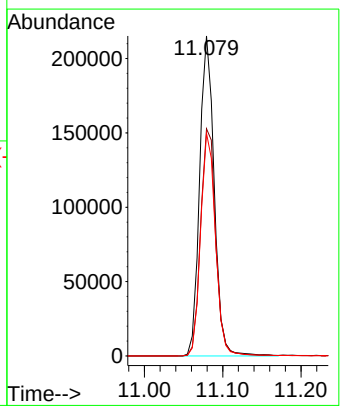


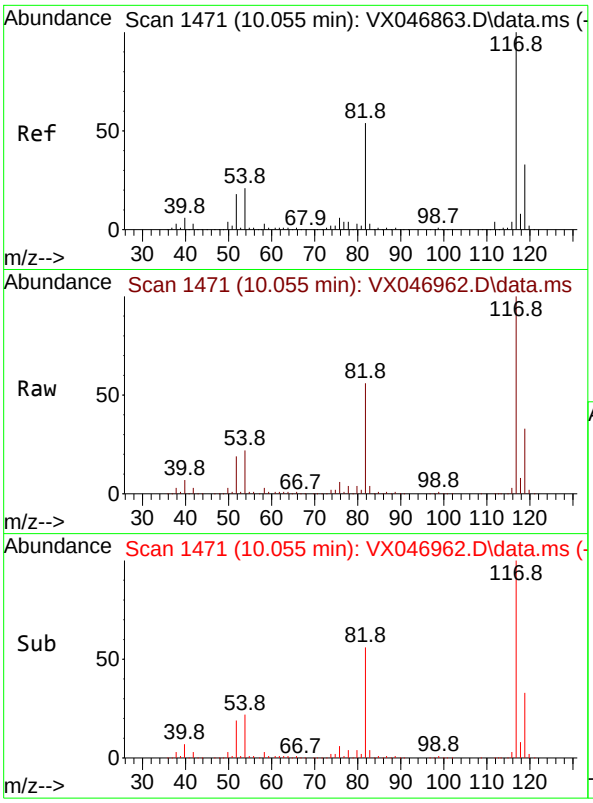


#62
4-Bromofluorobenzene
Concen: 51.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

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



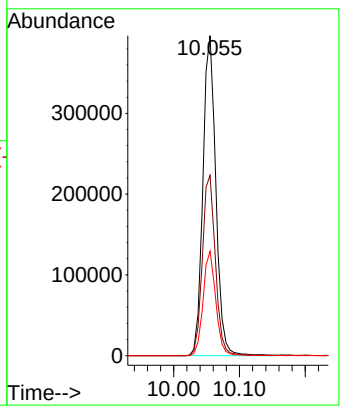


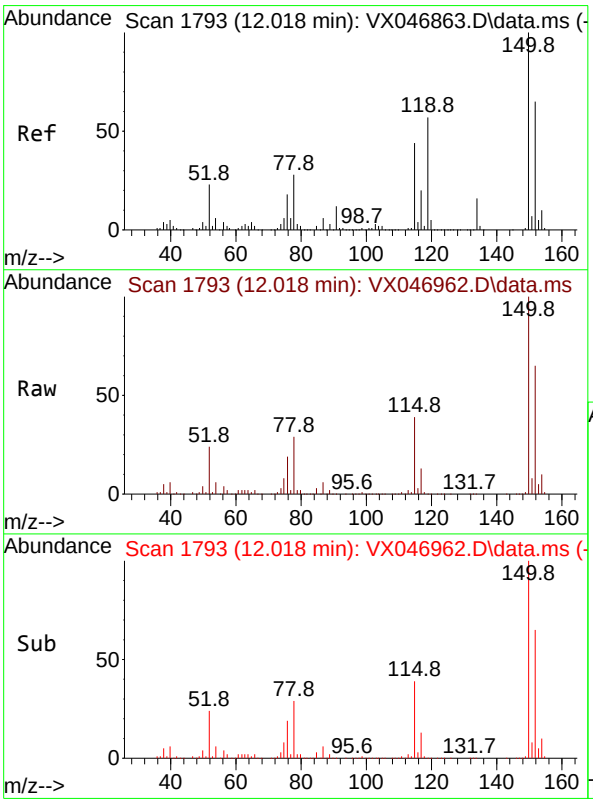
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

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

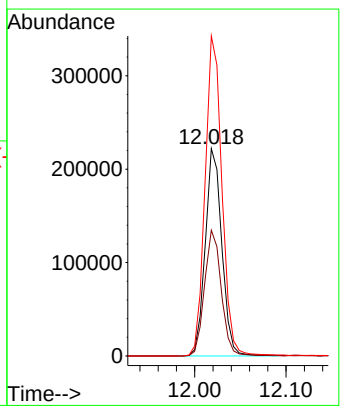




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046962.D
Acq: 14 Jul 2025 10:54

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

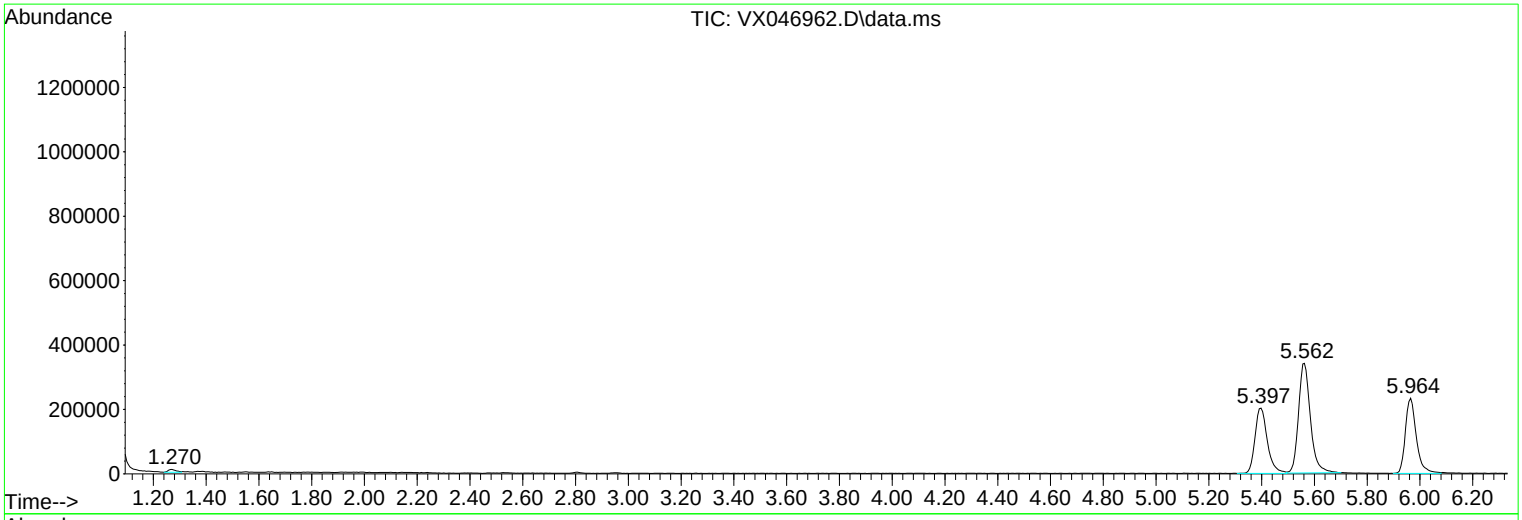
Sample Results: **VX046962.D**

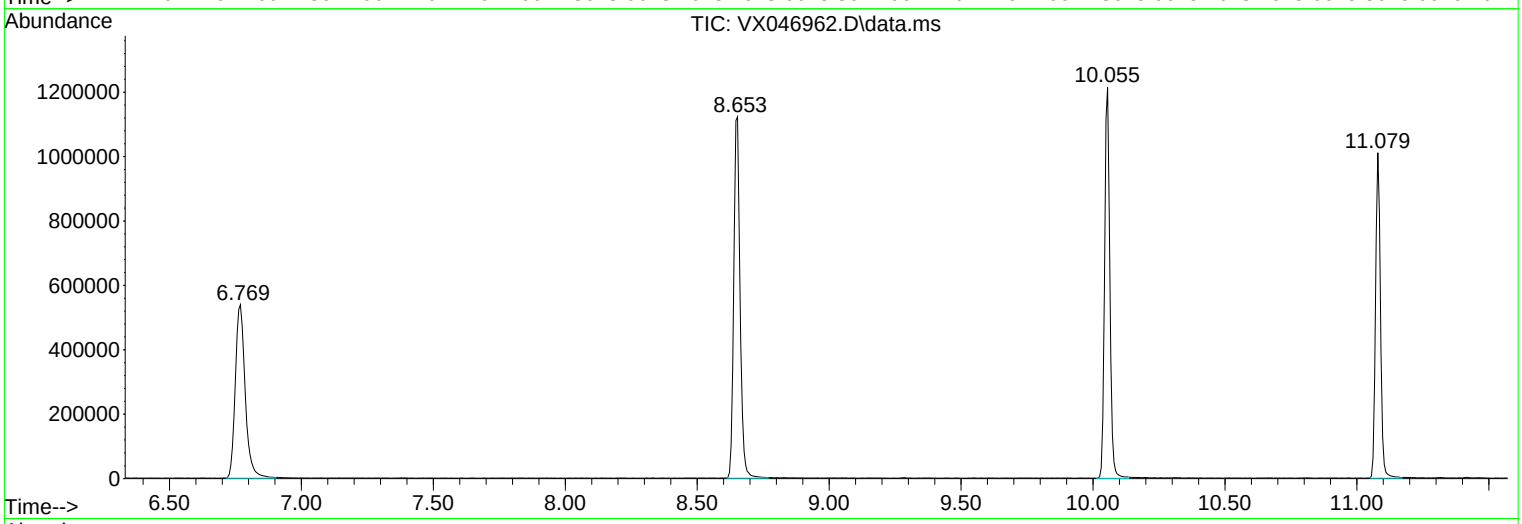
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046962.D
Acq On : 14 Jul 2025 10:54
Operator : JC/MD
Sample : VX0714MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

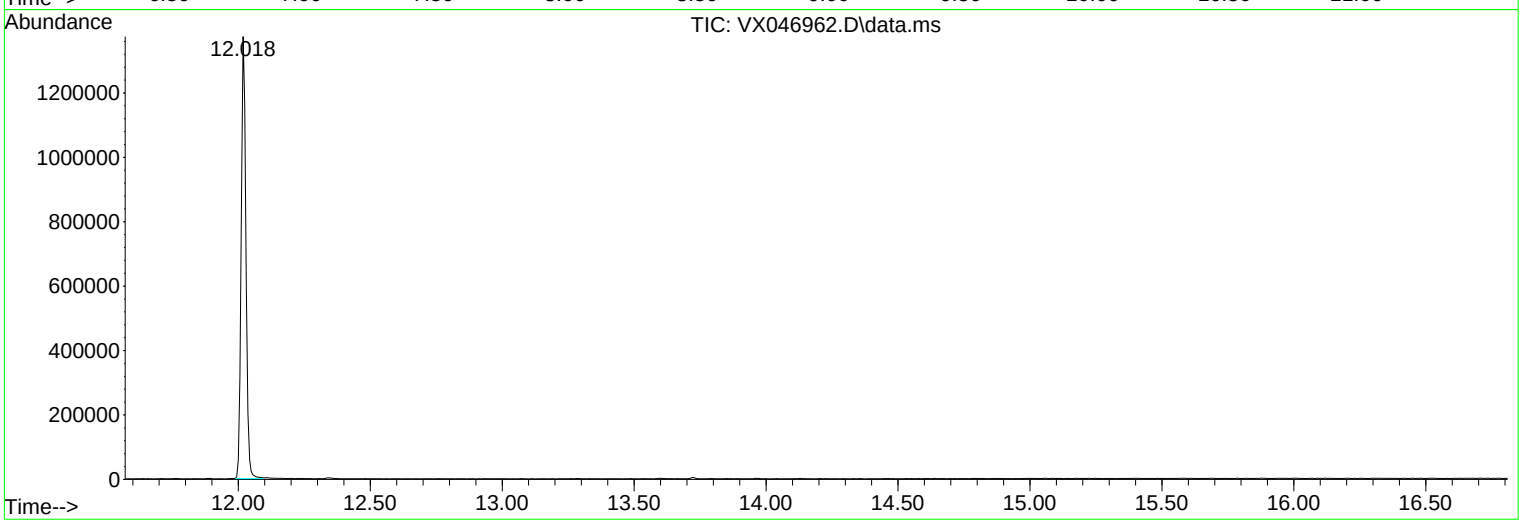
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBL01

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%			

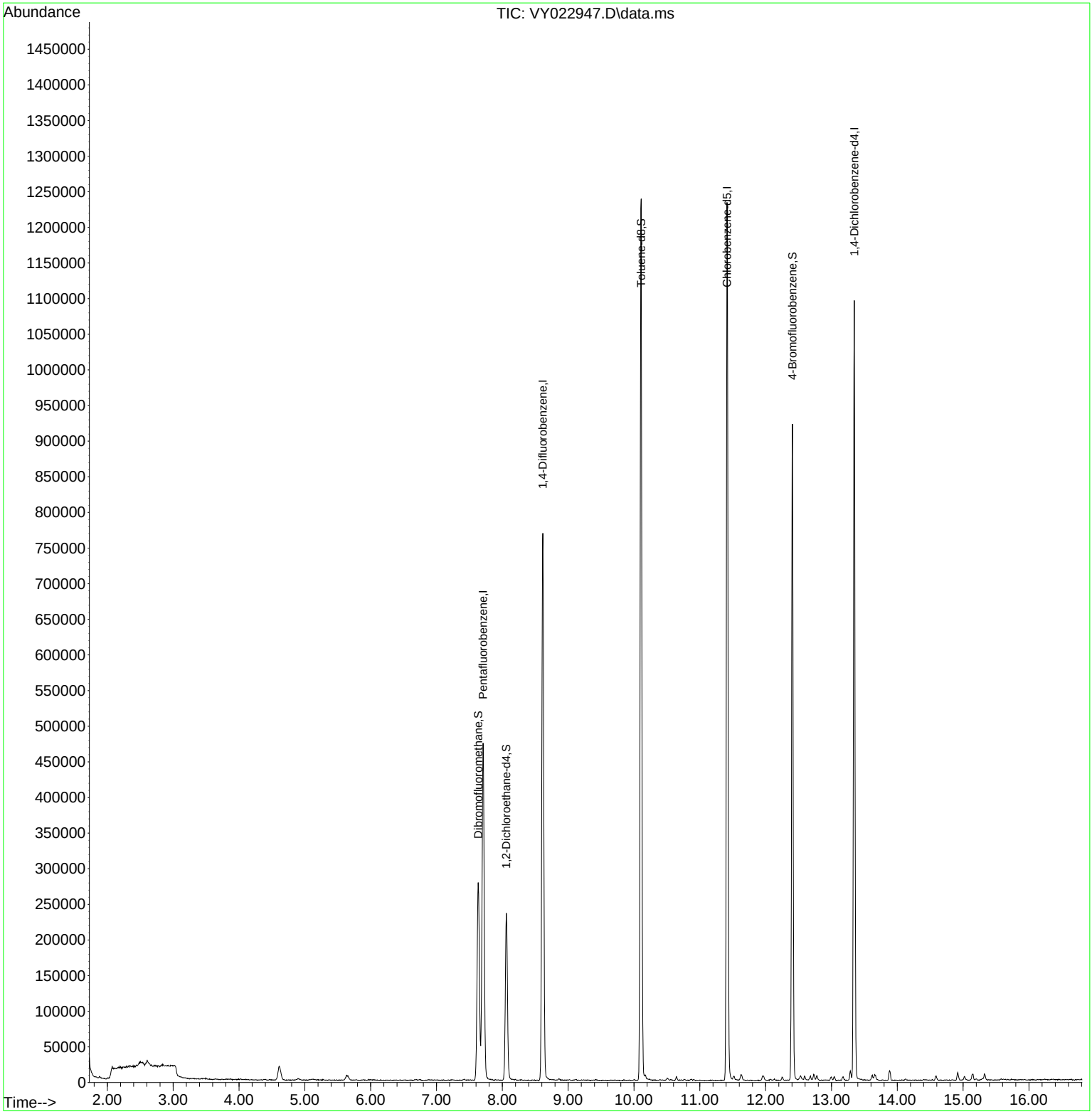
Target Compounds Qvalue

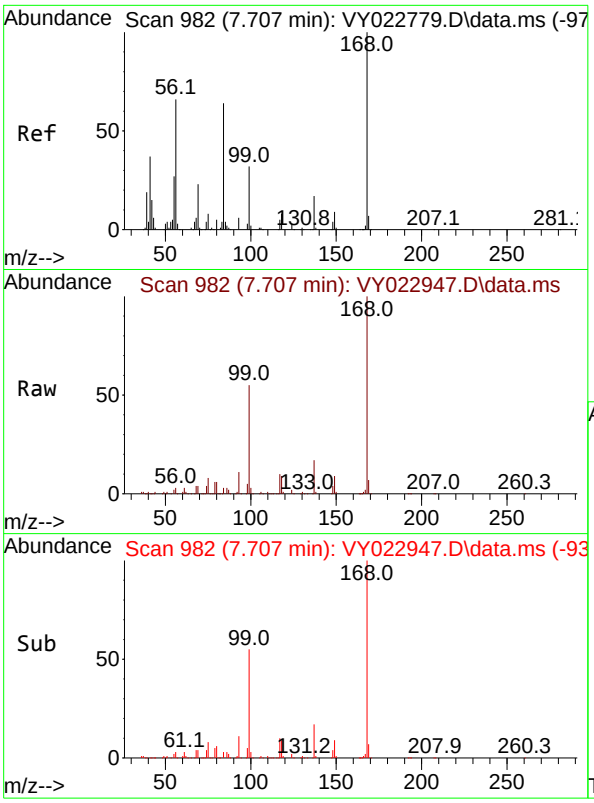
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



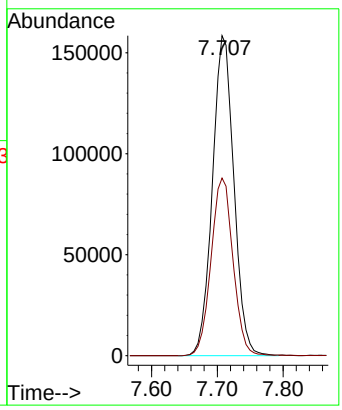


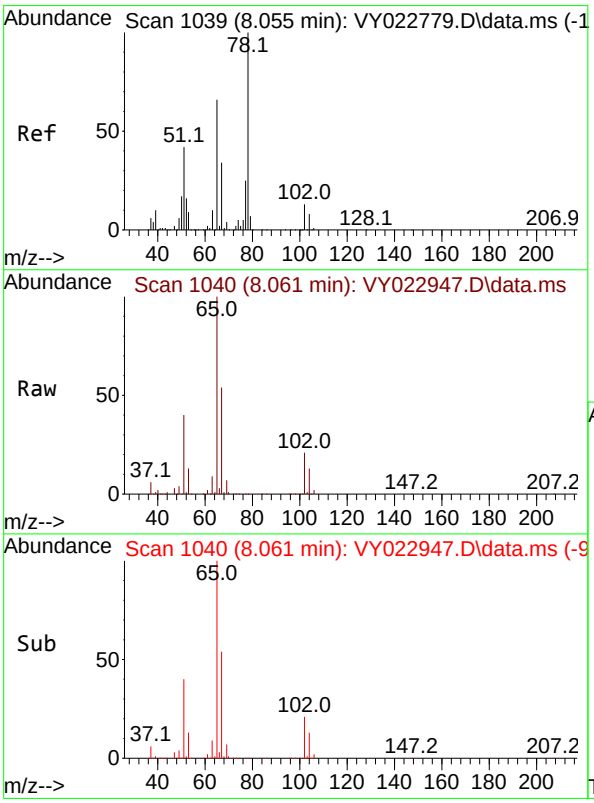
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion:168 Resp: 359794

Ion	Ratio	Lower	Upper
168	100		
99	55.5	44.3	66.5

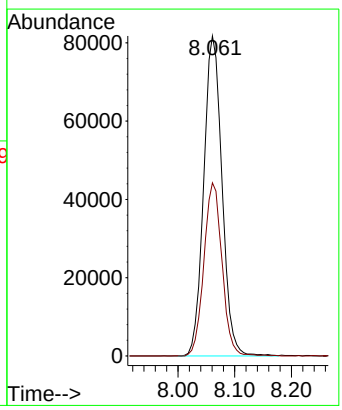


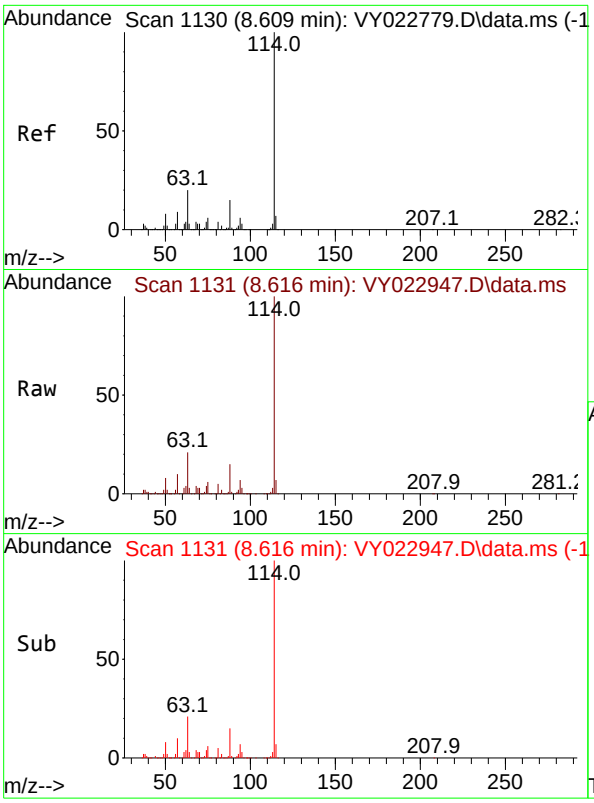


#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 65 Resp: 183707

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4



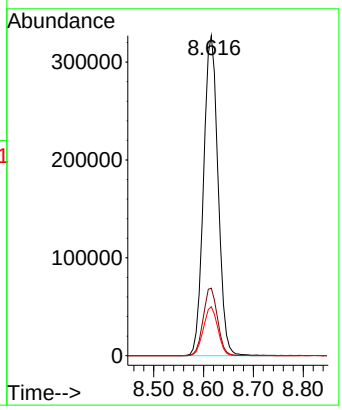


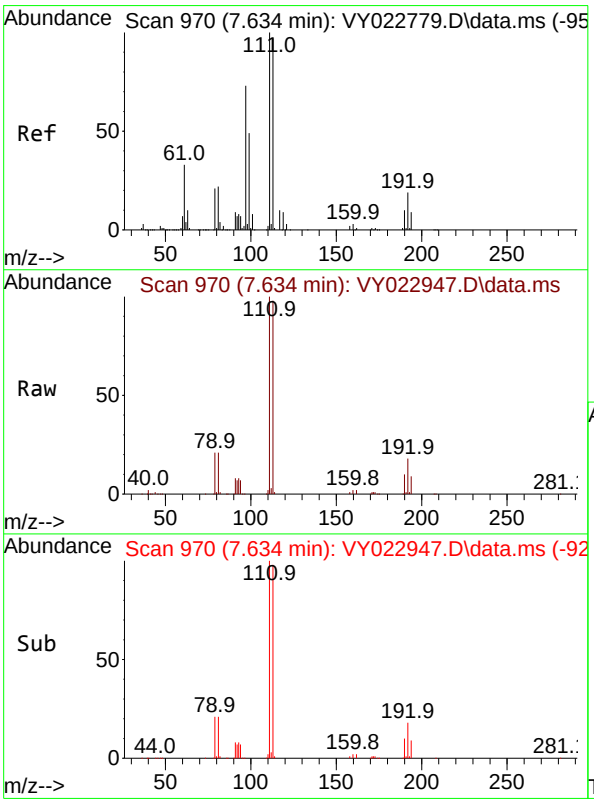
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

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

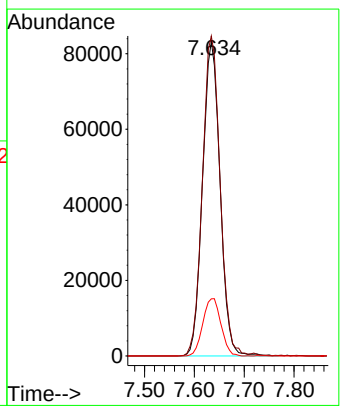


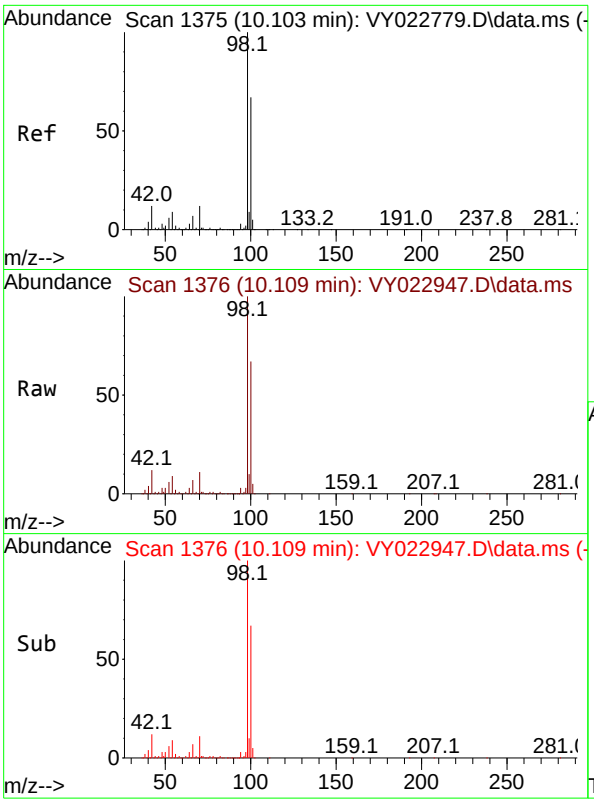


#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

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



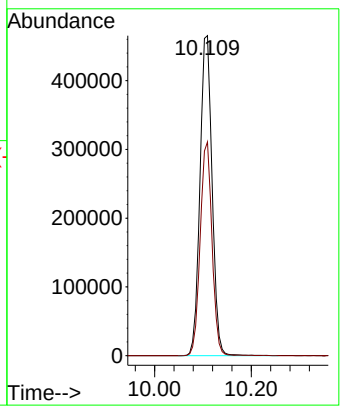


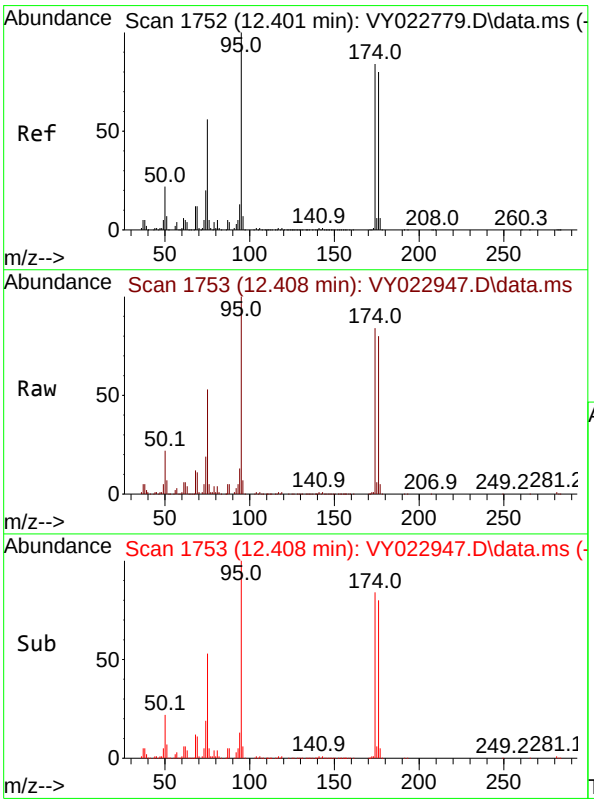
#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion: 98 Resp: 810431

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.0

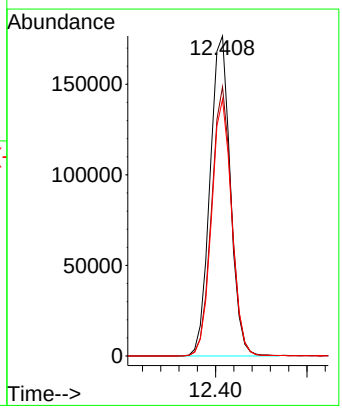


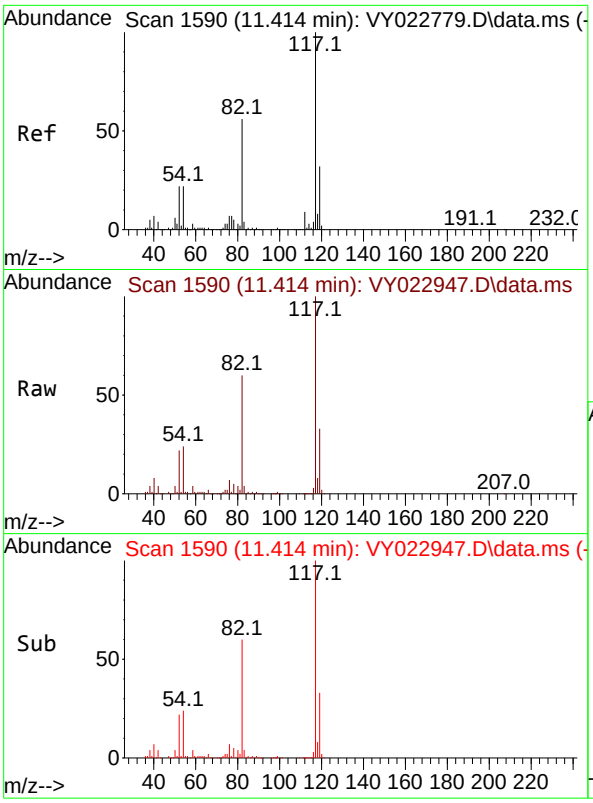


#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

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



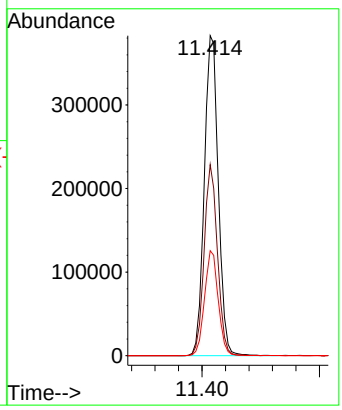


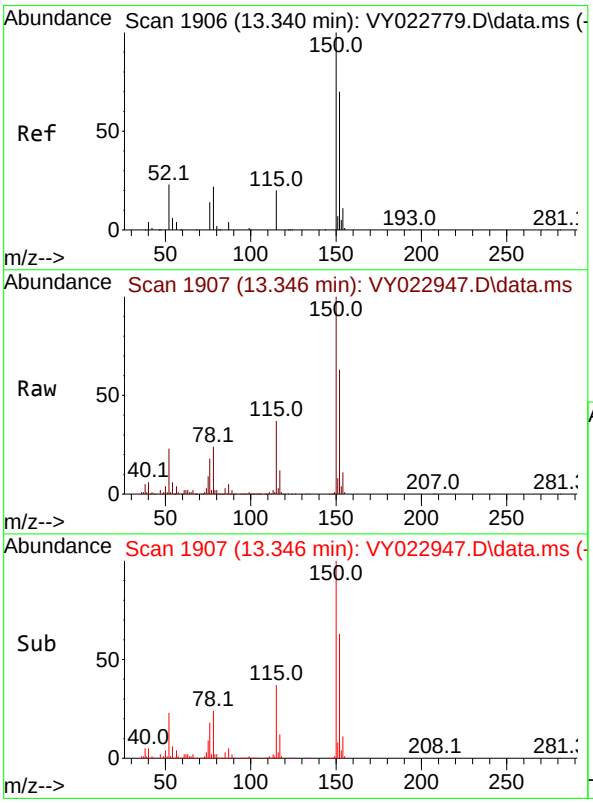
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

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

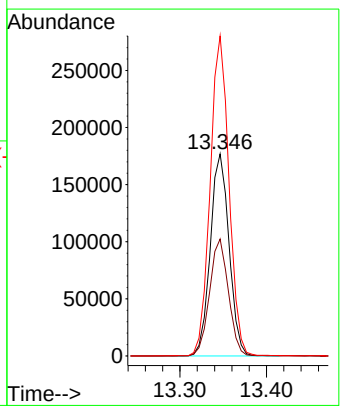




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

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

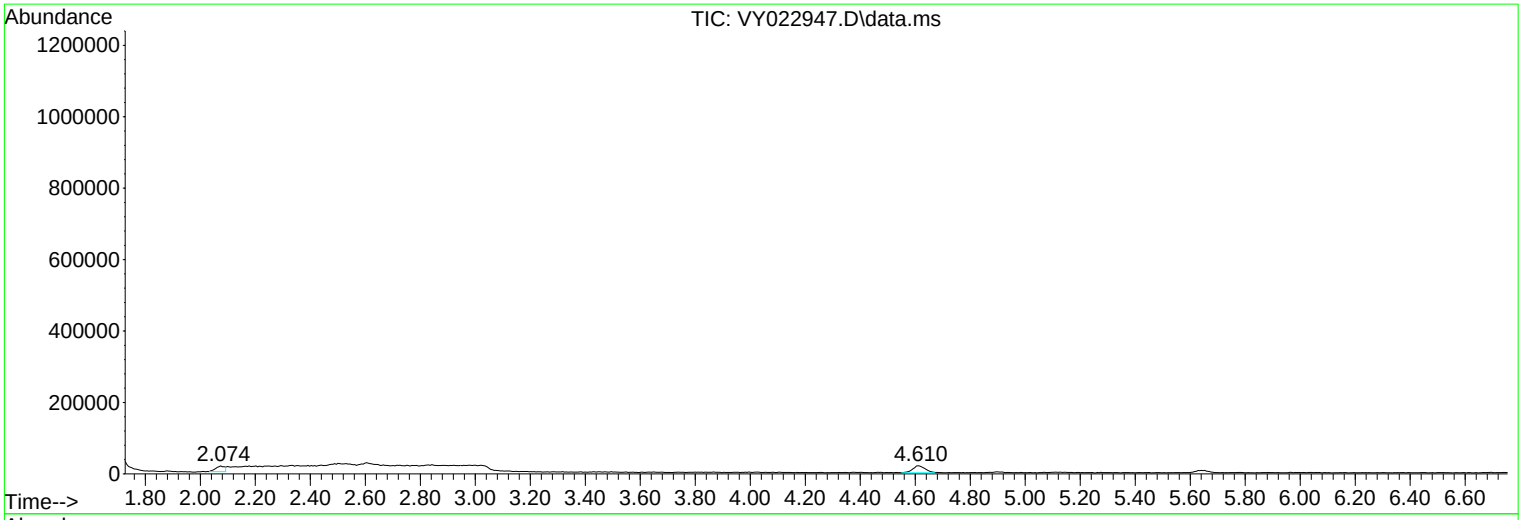
Sample Results: **VY022947.D**

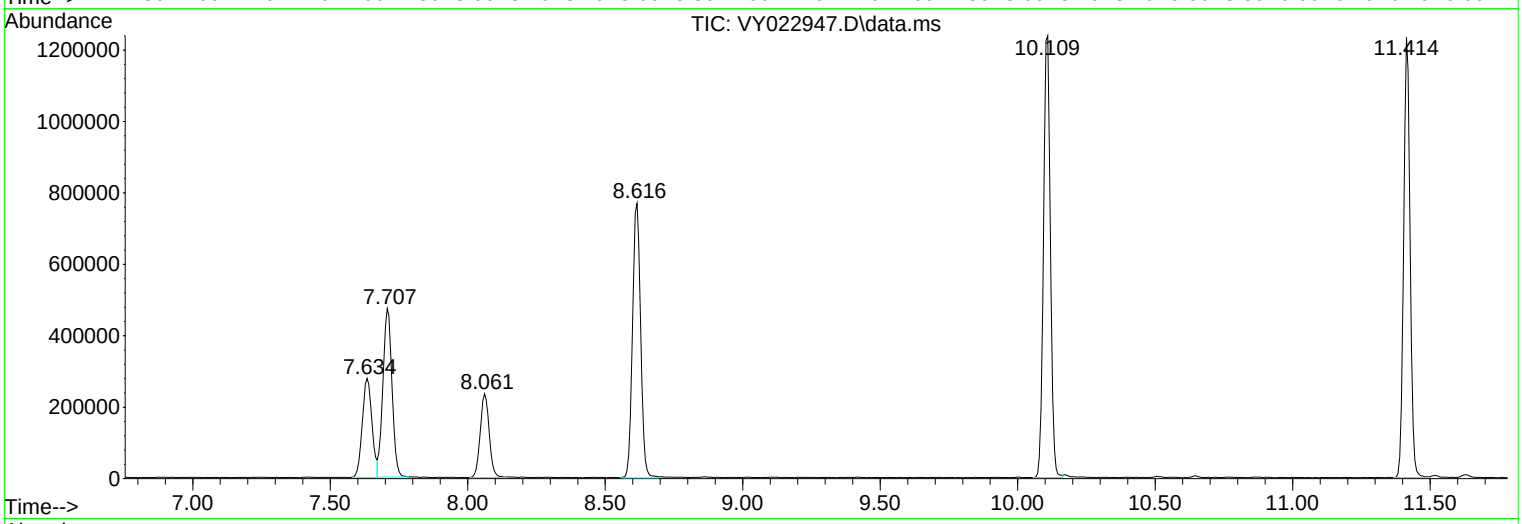
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022947.D
Acq On : 07 Jul 2025 09:44
Operator : SY/MD
Sample : VY0707SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

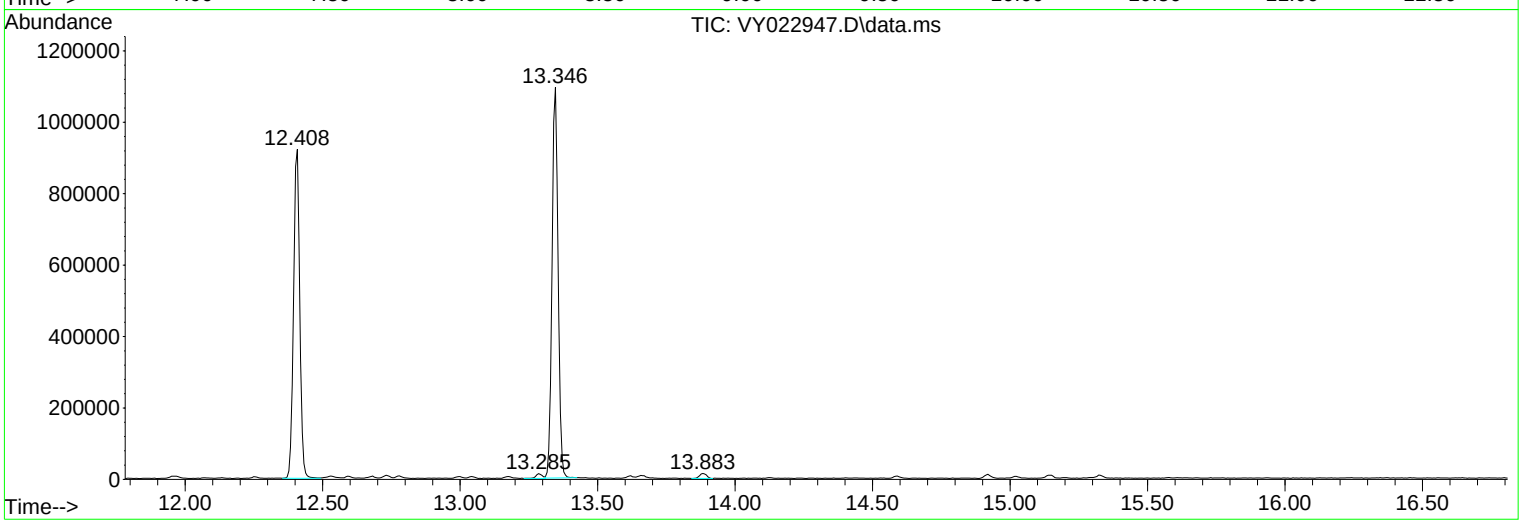
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

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%			

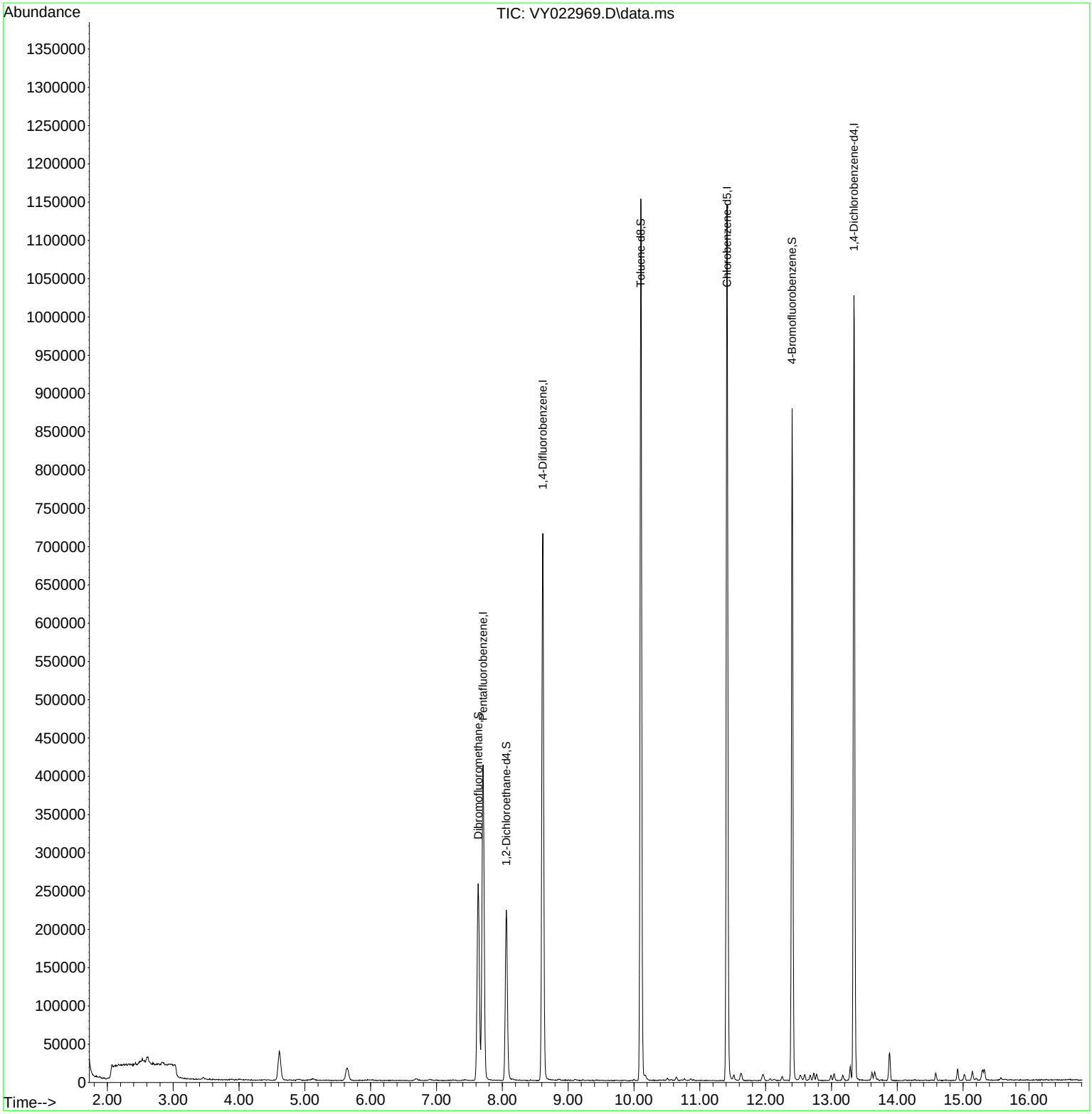
Target Compounds Qvalue

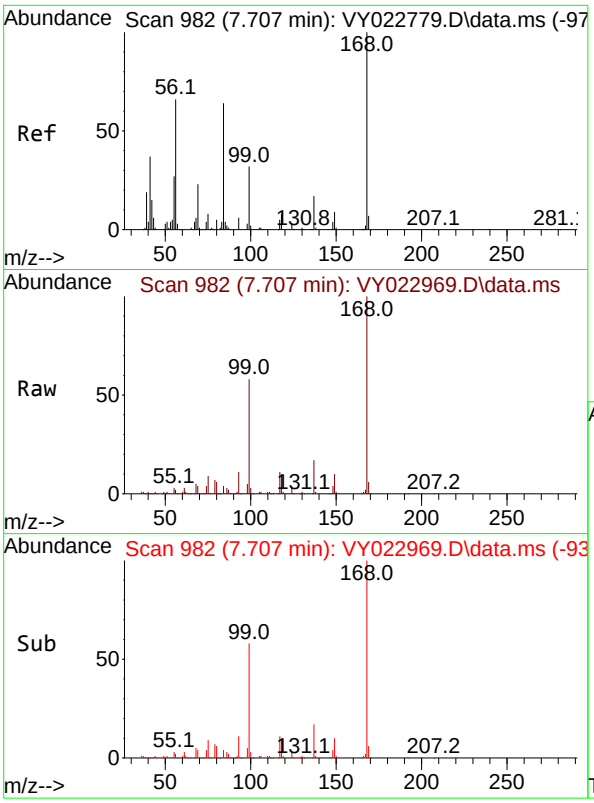
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



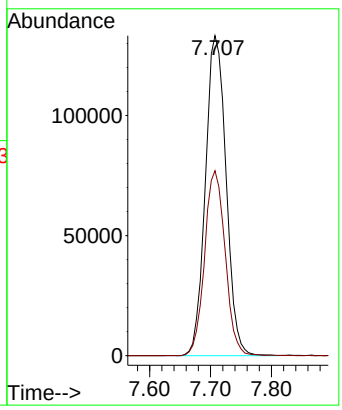


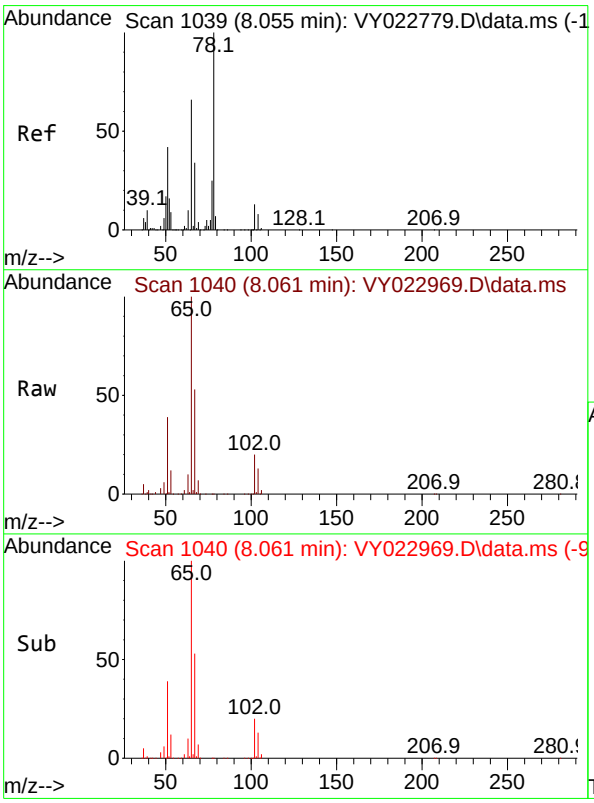
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion:168 Resp: 314896

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5

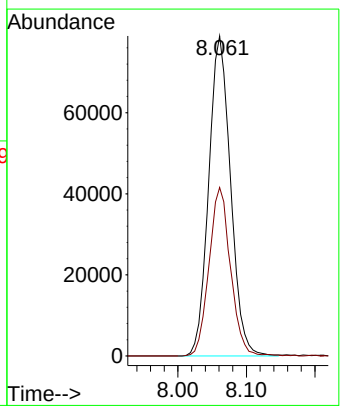


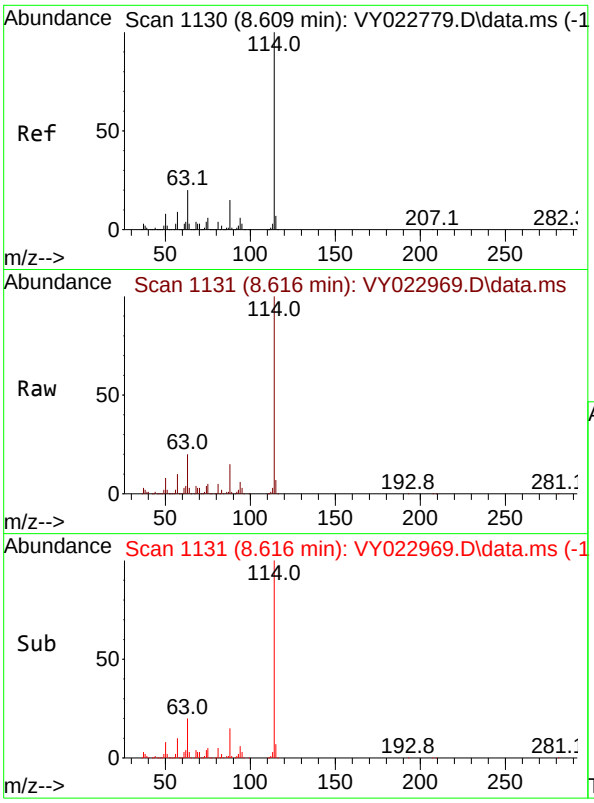


#33
1,2-Dichloroethane-d4
Concen: 49.686 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Tgt Ion: 65 Resp: 174625

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4



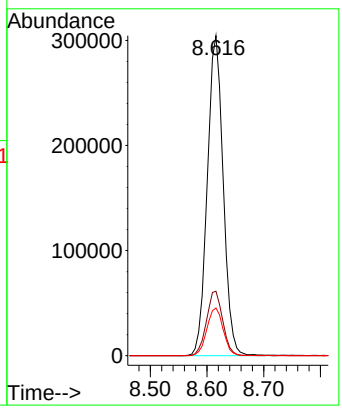


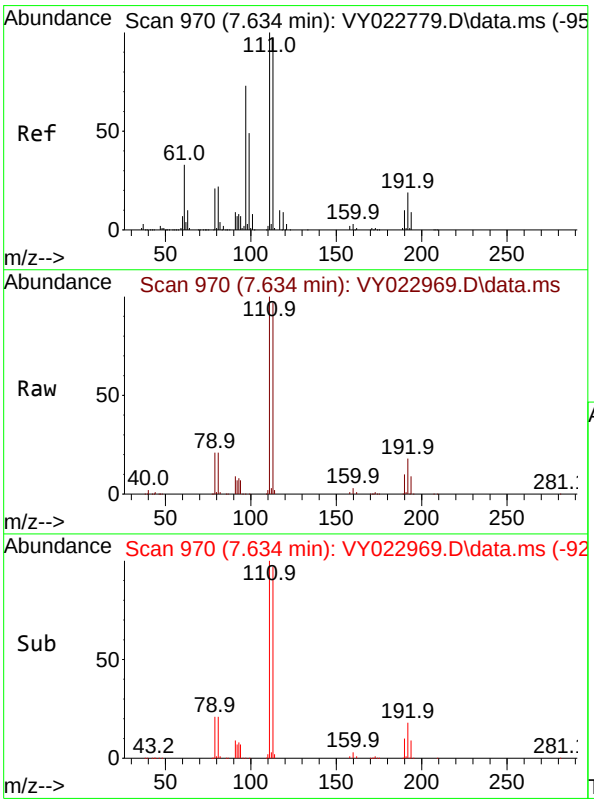
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

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

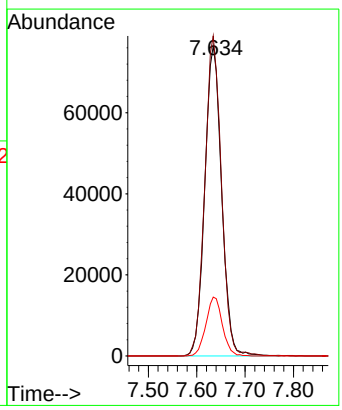


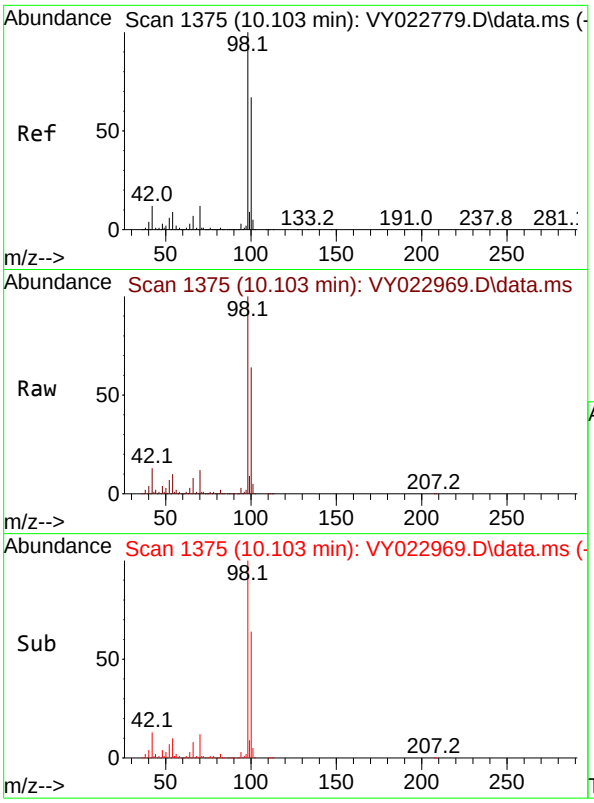


#35
Dibromofluoromethane
Concen: 51.165 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

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



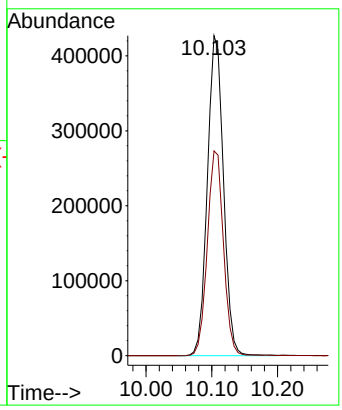


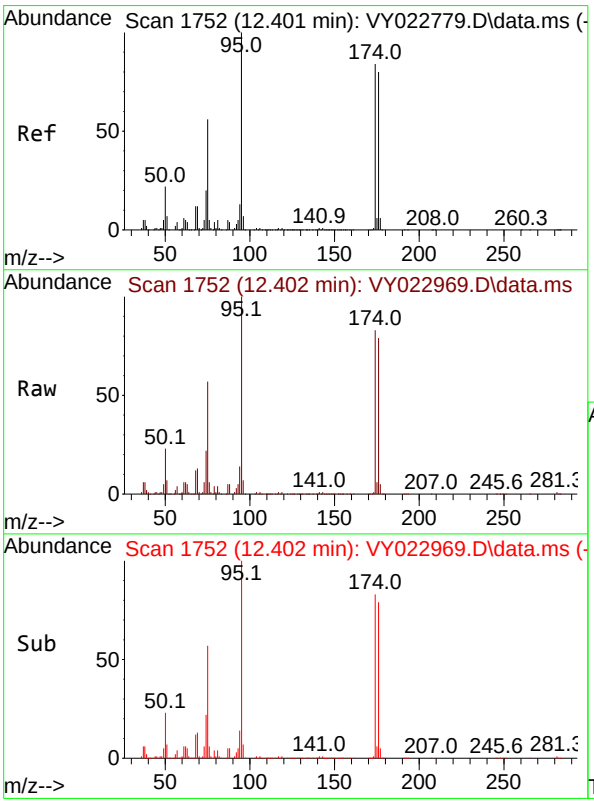
#50
Toluene-d8
Concen: 50.771 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tgt Ion: 98 Resp: 727091

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

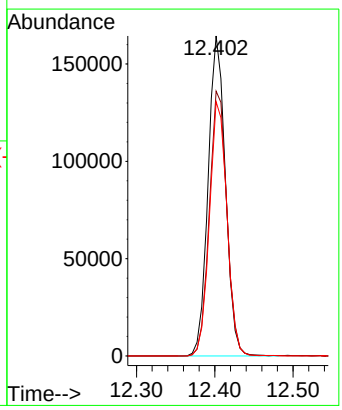


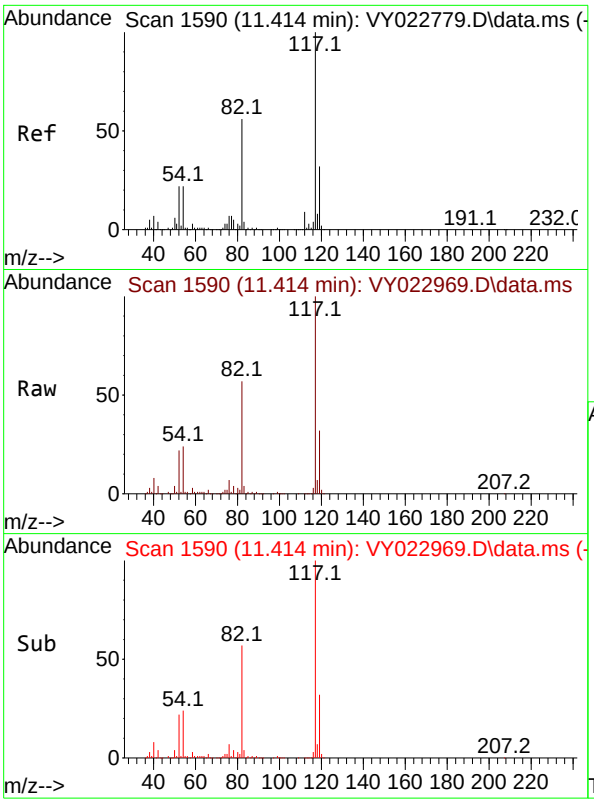


#62
4-Bromofluorobenzene
Concen: 54.851 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

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



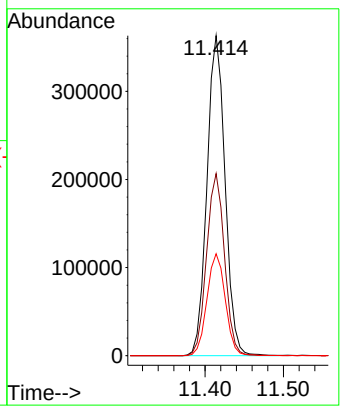


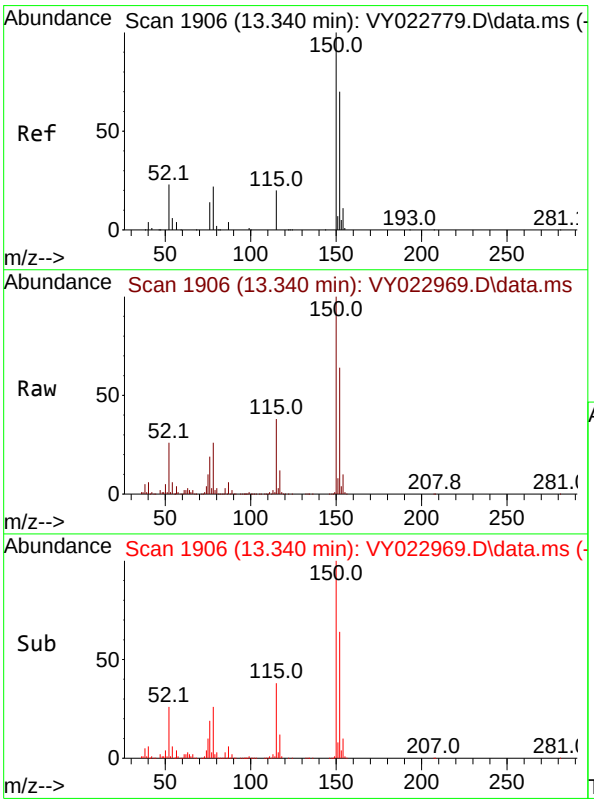
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

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

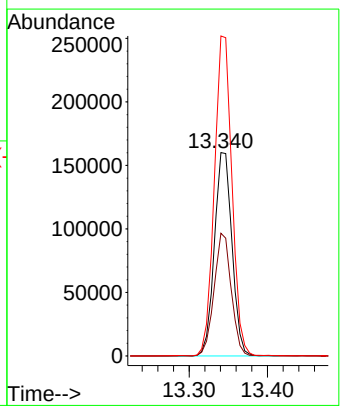




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022969.D
Acq: 08 Jul 2025 11:44

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

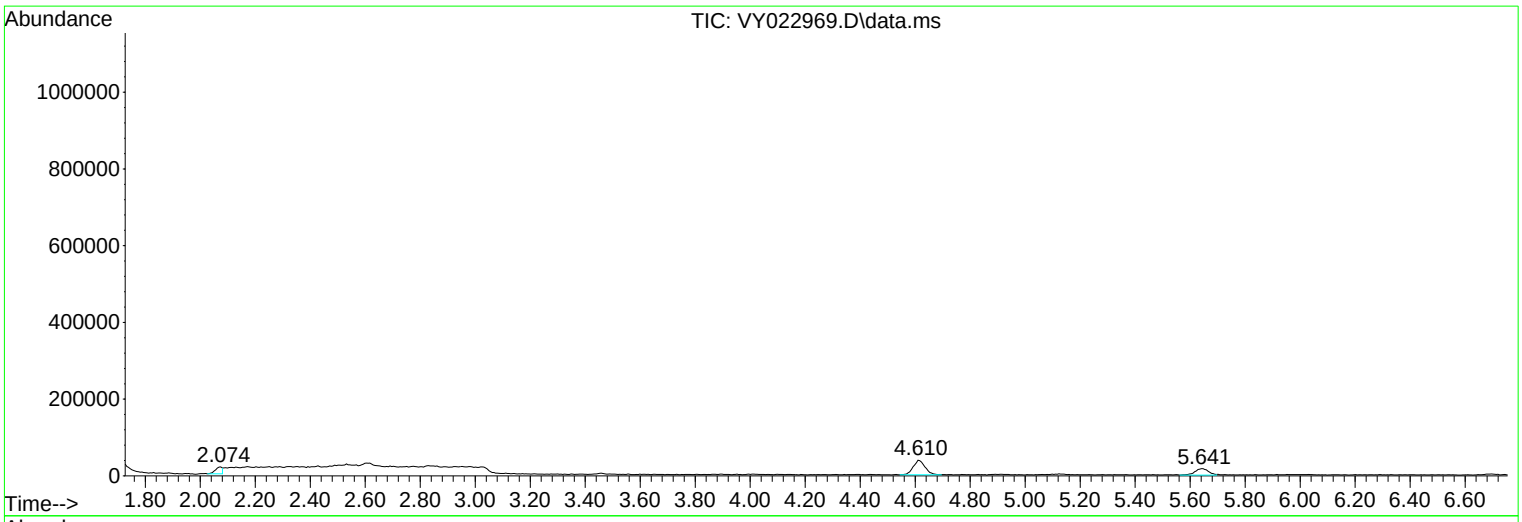
Sample Results: **VY022969.D**

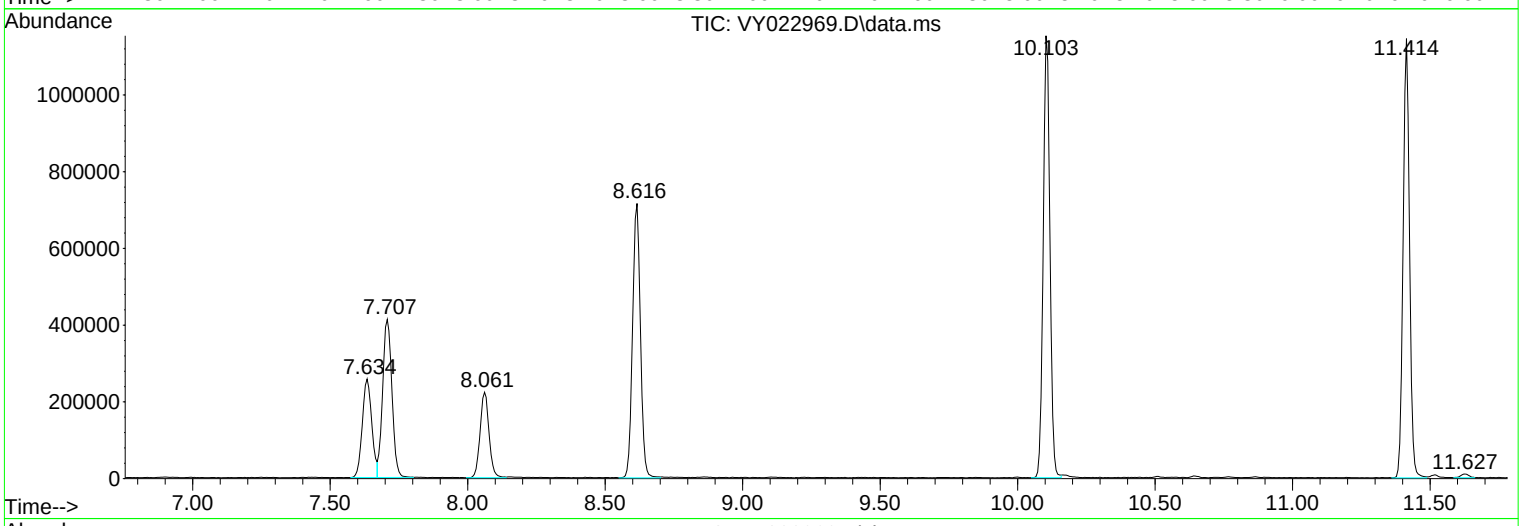
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022969.D
Acq On : 08 Jul 2025 11:44
Operator : SY/MD
Sample : VY0708SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

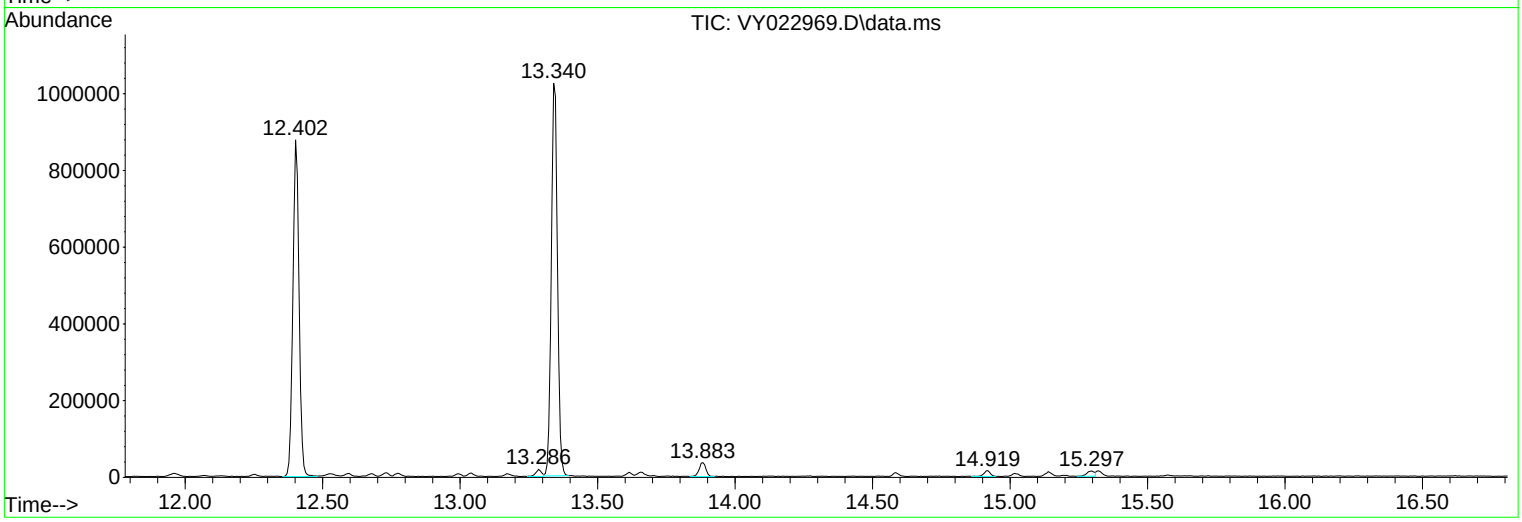
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

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

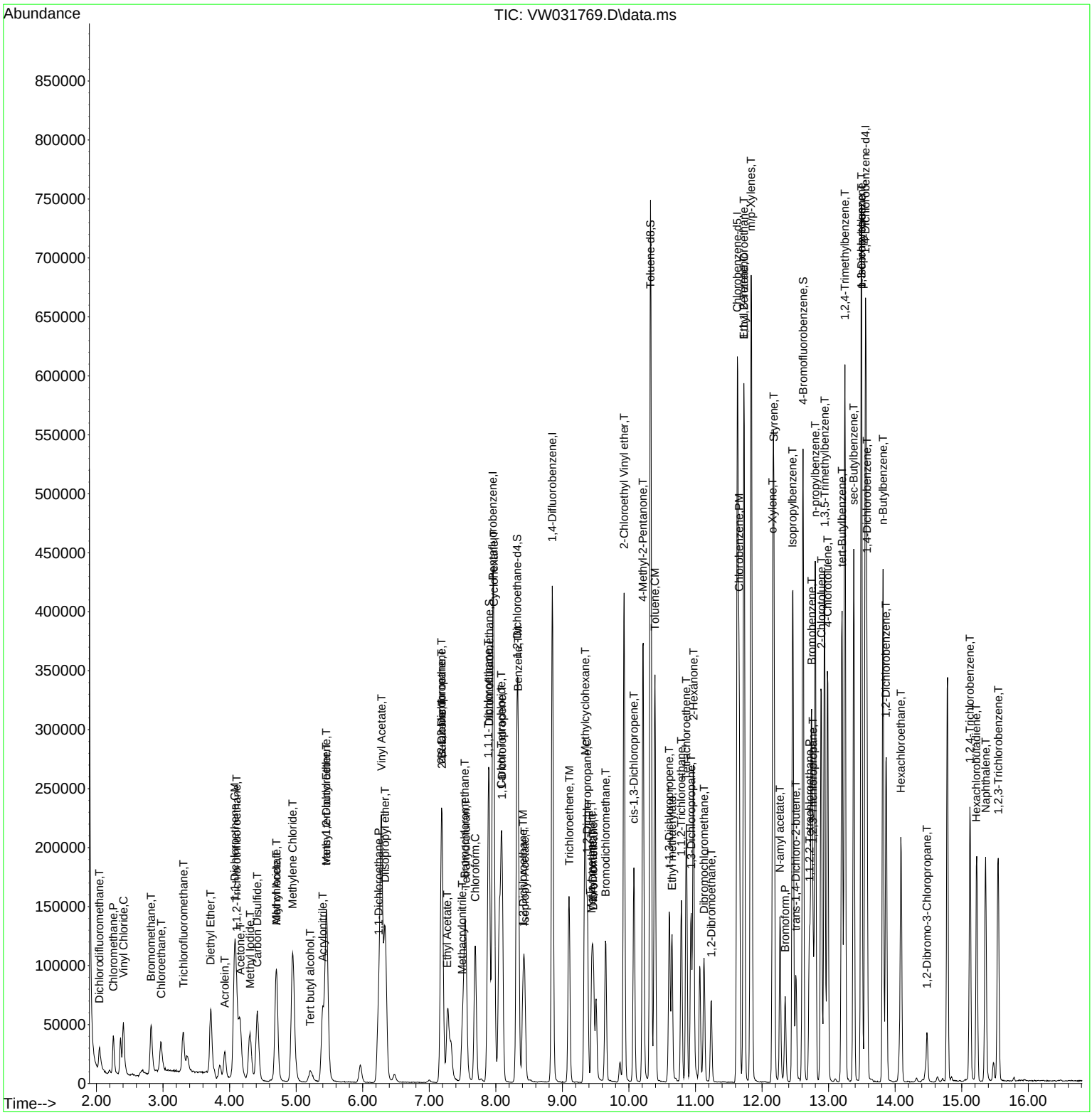
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031769.D
Acq On : 09 Jul 2025 11:34
Operator : SY/MD
Sample : VW0709SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

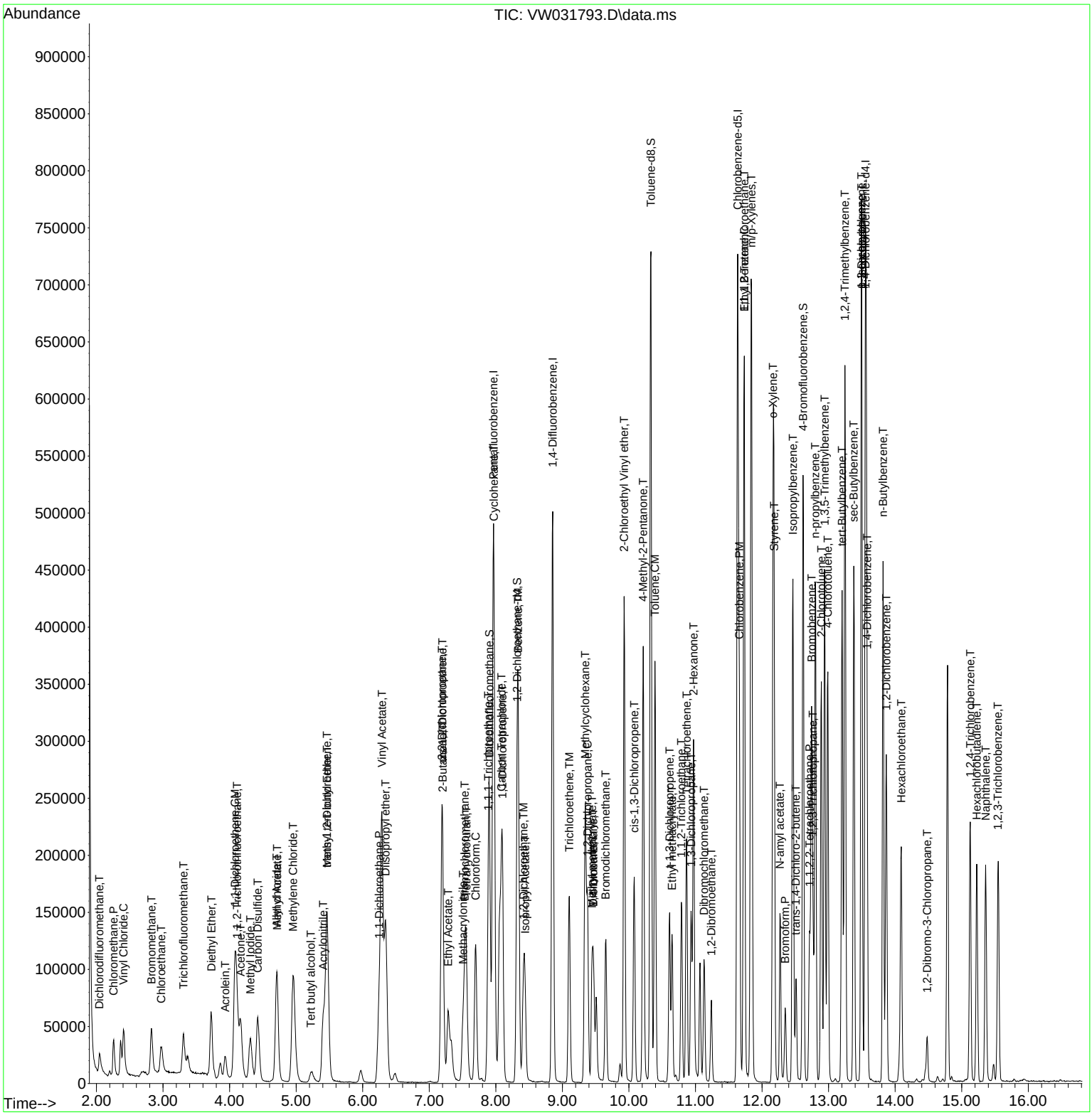
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Data File : VW031793.D
Acq On : 10 Jul 2025 11:05
Operator : SY/MD
Sample : VW0710SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

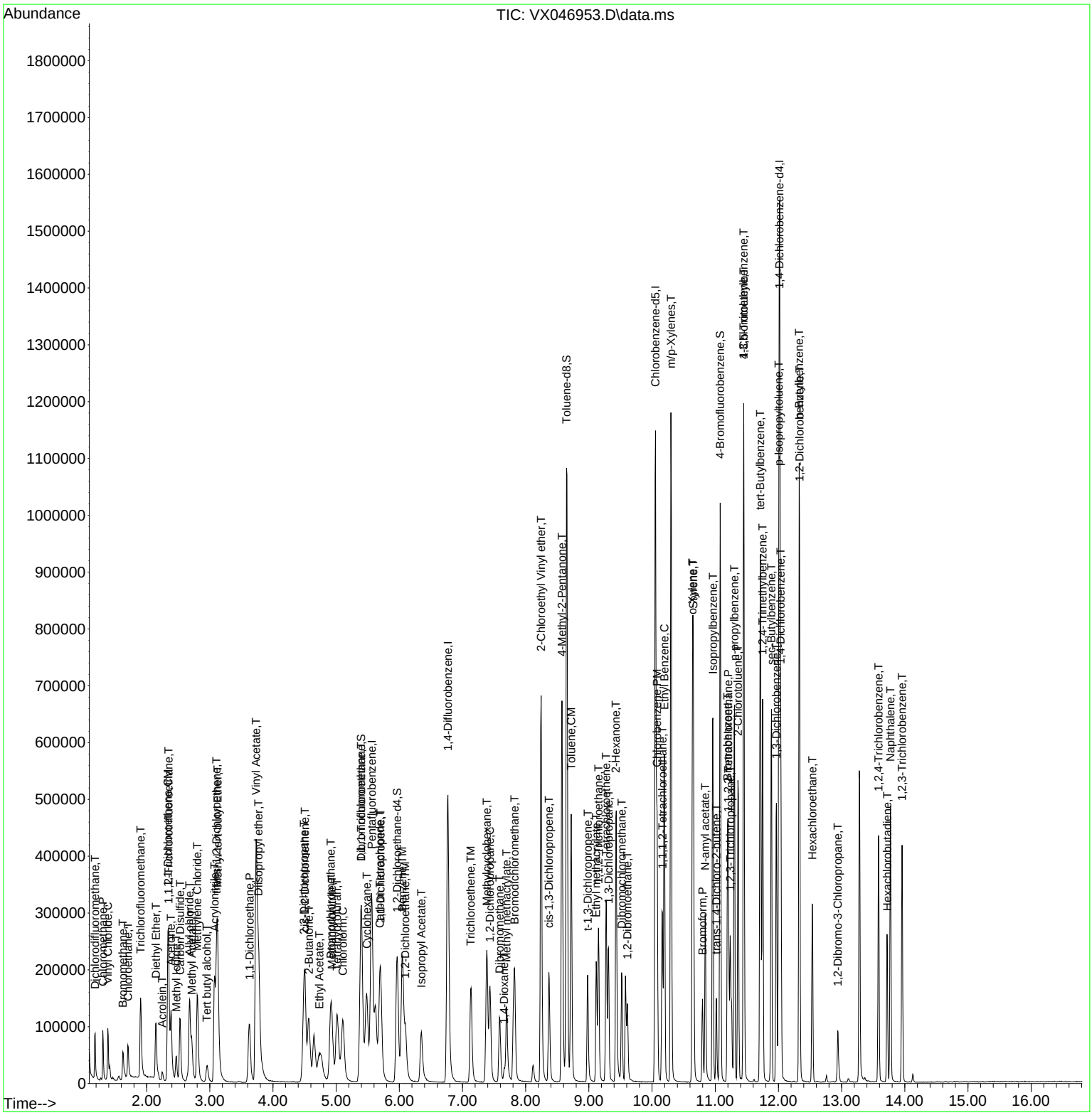
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046953.D
Acq On : 10 Jul 2025 18:16
Operator : JC/MD
Sample : VX0710MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

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

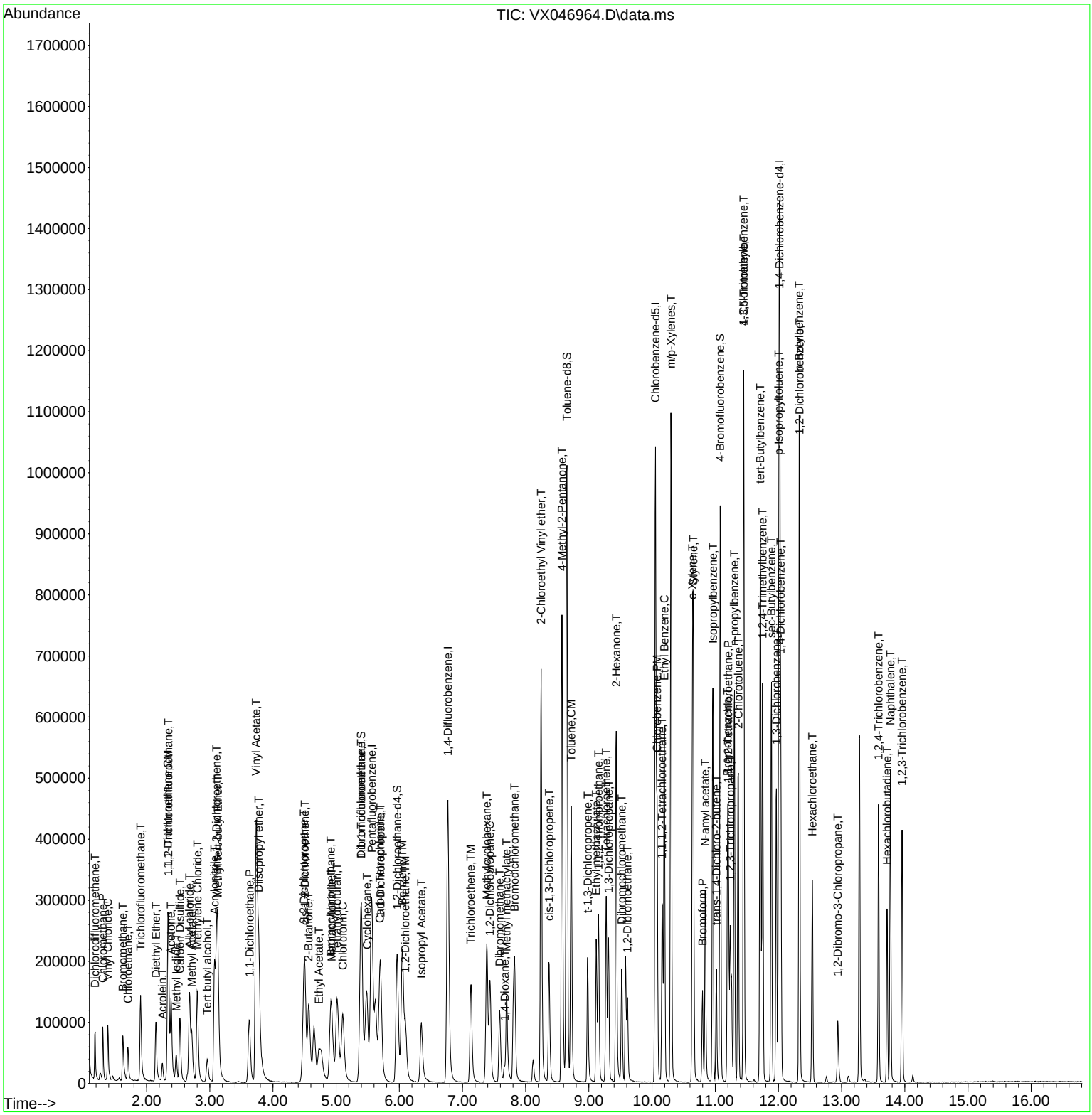
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046964.D
Acq On : 14 Jul 2025 11:39
Operator : JC/MD
Sample : VX0714MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

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**

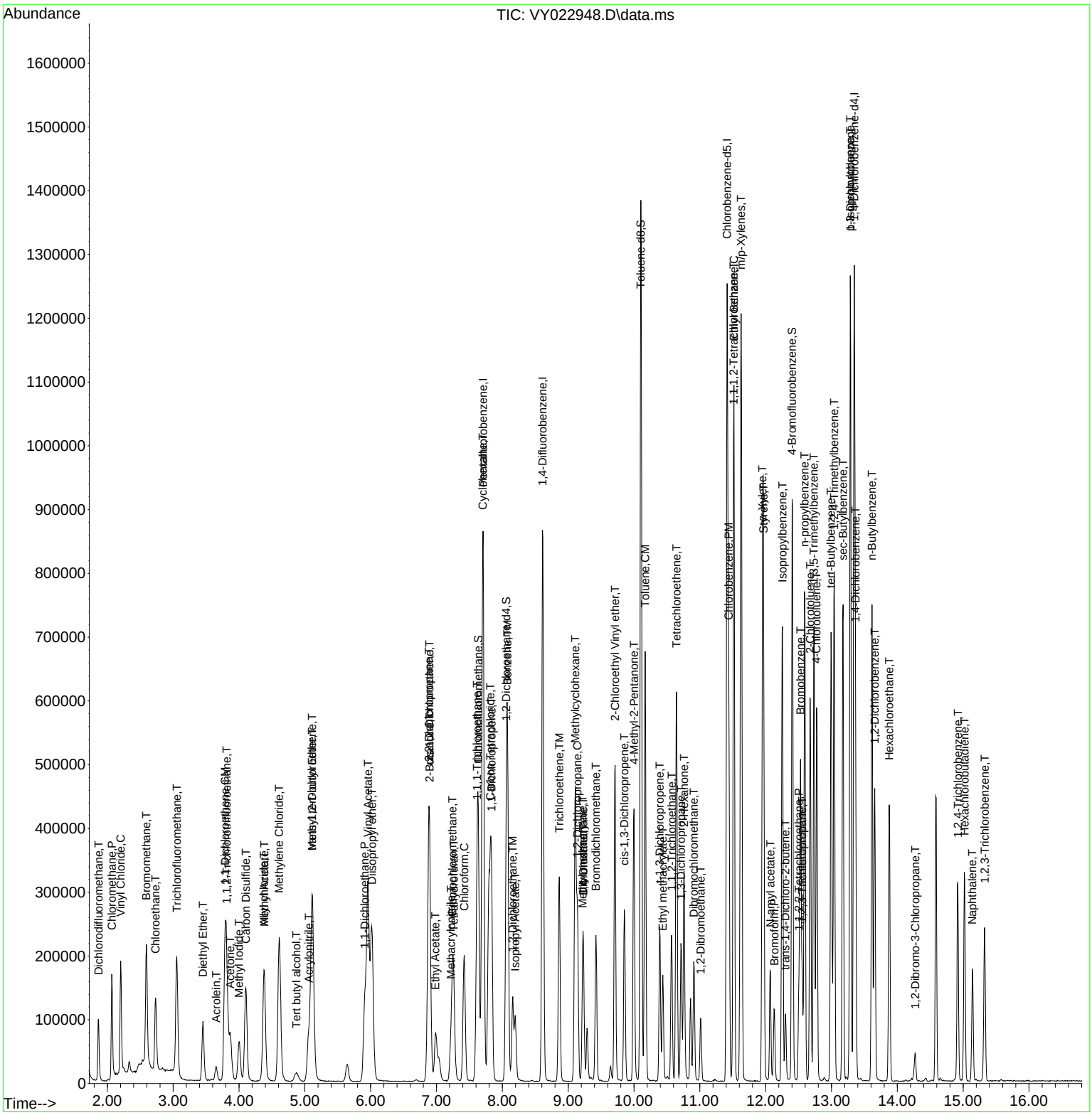
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022948.D
Acq On : 07 Jul 2025 10:17
Operator : SY/MD
Sample : VY0707SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Reviewed By :Mahesh Dadoda 07/08/2025
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

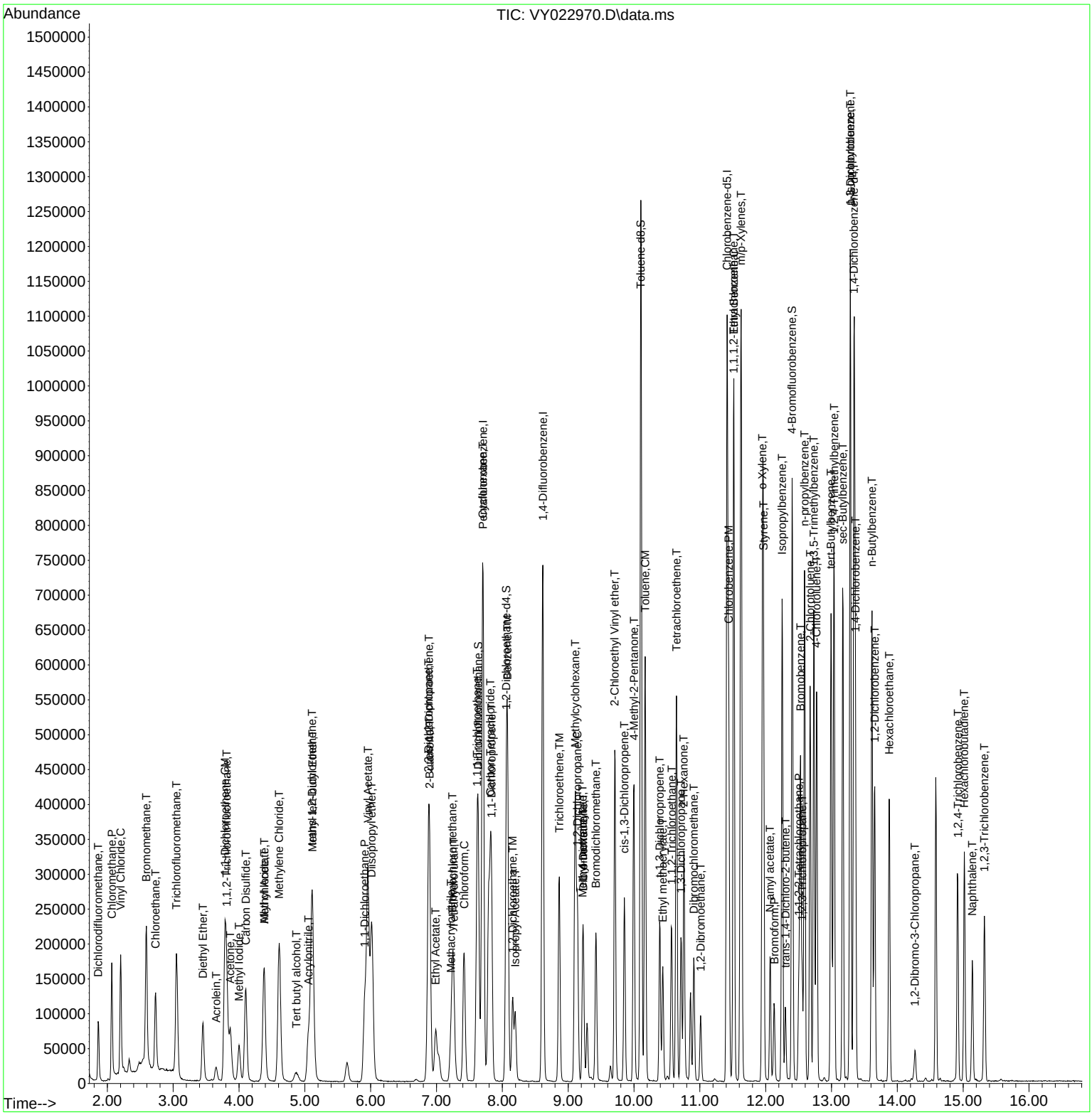
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Data File : VY022970.D
Acq On : 08 Jul 2025 12:12
Operator : SY/MD
Sample : VY0708SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

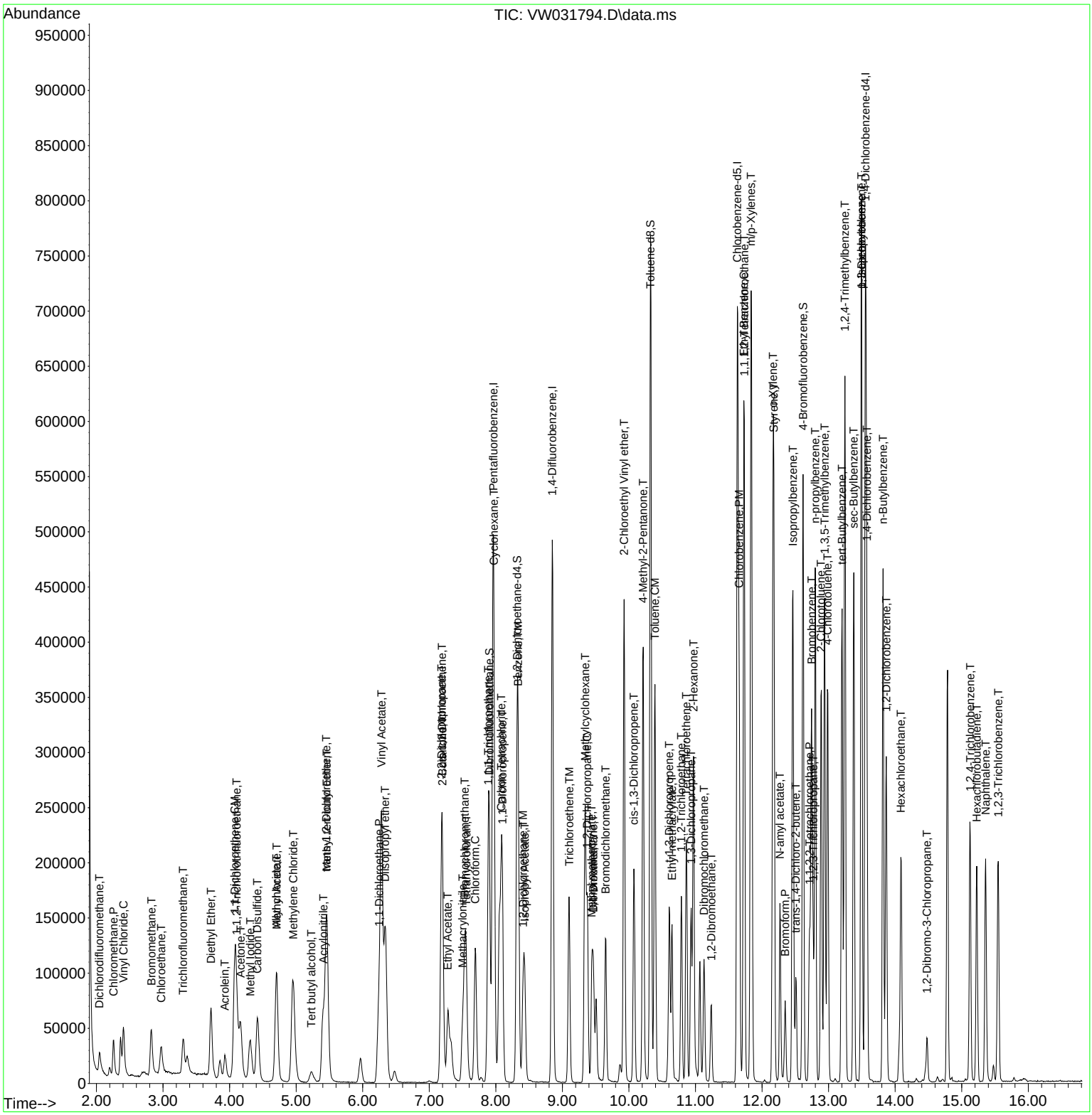
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Data File : VW031794.D
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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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

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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	

SAMPLE DATA

Raw Data: **FE054672.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:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 17:50	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1	1.34	2.26	mg/kg	FE054672.D
Aliphatic C9-C28	Aliphatic C9-C28	8.76		1	1.03	4.53	mg/kg	FE054672.D
Total AliphaticEPH	Total AliphaticEPH	17.9			2.37	6.79	mg/kg	
Total EPH	Total EPH	17.9			2.37	6.79	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054672.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.76		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.0		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-01	Acq On:	02 Jul 2025 17:50
Client Sample ID:	GPX1	Operator:	YP\AJ
Data file:	FE054672.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2172616	15.969	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1562367	11.115	200	ug/ml
Aliphatic C16-C21	10.403	13.777	4717329	32.67	300	ug/ml
Aliphatic C21-C28	13.778	17.448	8119295	56.13	400	ug/ml
Aliphatic C28-C40	17.449	22.462	16882706	121.767	600	ug/ml
Aliphatic EPH	3.319	22.462	33454313	237.65		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4602571	28.34		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	3792627	30.03		ug/ml
Aliphatic C9-C28	3.319	17.448	16571607	115.884	1200	ug/ml

Raw Data: **FE054673.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:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:20	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1	1.32	2.24	mg/kg	FE054673.D
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.02	4.48	mg/kg	FE054673.D
Total AliphaticEPH	Total AliphaticEPH	25.6			2.34	6.72	mg/kg	
Total EPH	Total EPH	25.6			2.34	6.72	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054673.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-02	Acq On:	02 Jul 2025 18:20
Client Sample ID:	GPX2	Operator:	YP\AJ
Data file:	FE054673.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	3480509	25.582	300	ug/ml
Aliphatic C12-C16	6.952	10.402	2108914	15.003	200	ug/ml
Aliphatic C16-C21	10.403	13.777	6051420	41.909	300	ug/ml
Aliphatic C21-C28	13.778	17.448	14143968	97.779	400	ug/ml
Aliphatic C28-C40	17.449	22.462	22652519	163.382	600	ug/ml
Aliphatic EPH	3.319	22.462	48437330	343.655		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4826976	29.72		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4045442	32.03		ug/ml
Aliphatic C9-C28	3.319	17.448	25784811	180.273	1200	ug/ml

Raw Data: **FE054674.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:	Solid
Analytical Method:	NJEPH			% Solid:	88.7
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:51	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.92		1	1.33	2.25	mg/kg	FE054674.D
Aliphatic C9-C28	Aliphatic C9-C28	4.34	J	1	1.02	4.49	mg/kg	FE054674.D
Total AliphaticEPH	Total AliphaticEPH	10.3			2.35	6.74	mg/kg	
Total EPH	Total EPH	10.3			2.35	6.74	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE054674.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:	Solid	
Analytical Method:	NJEPH		% Solid:	88.7	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054674.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		4.34	J	1.02	4.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.92		1.33	2.25	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.3		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		37.5		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-03	Acq On:	02 Jul 2025 18:51
Client Sample ID:	GPX3	Operator:	YP\AJ
Data file:	FE054674.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2496442	18.349	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1625249	11.562	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1844325	12.773	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2228650	15.407	400	ug/ml
Aliphatic C28-C40	17.449	22.462	10951493	78.988	600	ug/ml
Aliphatic EPH	3.319	22.462	19146159	137.079		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	6088770	37.49		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4831316	38.25		ug/ml
Aliphatic C9-C28	3.319	17.448	8194666	58.091	1200	ug/ml

Raw Data: **FE054675.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:	GPX4			SDG No.:	Q2480
Lab Sample ID:	Q2480-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.9
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 19:21	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.74		1	1.34	2.27	mg/kg	FE054675.D
Aliphatic C9-C28	Aliphatic C9-C28	3.42	J	1	1.03	4.55	mg/kg	FE054675.D
Total AliphaticEPH	Total AliphaticEPH	8.16			2.37	6.82	mg/kg	
Total EPH	Total EPH	8.16			2.37	6.82	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE054675.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:	GPX4		SDG No.:	Q2480	
Lab Sample ID:	Q2480-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054675.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.42	J	1.03	4.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		4.74		1.34	2.27	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.5		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.1		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-04	Acq On:	02 Jul 2025 19:21
Client Sample ID:	GPX4	Operator:	YP\AJ
Data file:	FE054675.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2407833	17.697	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1279298	9.101	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1338134	9.267	300	ug/ml
Aliphatic C21-C28	13.778	17.448	1325297	9.162	400	ug/ml
Aliphatic C28-C40	17.449	22.462	8684379	62.636	600	ug/ml
Aliphatic EPH	3.319	22.462	15034941	107.864		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4885483	30.08		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3849837	30.48		ug/ml
Aliphatic C9-C28	3.319	17.448	6350562	45.227	1200	ug/ml

Raw Data: **FE054676.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:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 19:52	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.32		1	1.32	2.23	mg/kg	FE054676.D
Aliphatic C9-C28	Aliphatic C9-C28	104		2	2.03	8.92	mg/kg	FE054698.D
Total AliphaticEPH	Total AliphaticEPH	110			3.35	11.2	mg/kg	
Total EPH	Total EPH	110			3.35	11.2	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054676.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		108	E	1.01	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.32		1.32	2.23	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		28.2		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		27.5		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-05	Acq On:	02 Jul 2025 19:52
Client Sample ID:	GPX5	Operator:	YP\AJ
Data file:	FE054676.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	151235142	1110	300	ug/ml
Aliphatic C12-C16	6.952	10.402	34343390	244.318	200	ug/ml
Aliphatic C16-C21	10.403	13.777	9544885	66.103	300	ug/ml
Aliphatic C21-C28	13.778	17.448	5145564	35.572	400	ug/ml
Aliphatic C28-C40	17.449	22.462	11779612	84.961	600	ug/ml
Aliphatic EPH	3.319	22.462	212048593	1540		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4460911	27.47		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3561608	28.2		ug/ml
Aliphatic C9-C28	3.319	17.448	200268981	1460	1200	ug/ml

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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:	GPX5DL		SDG No.:	Q2480	
Lab Sample ID:	Q2480-05DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054698.D	2	07/02/25	07/07/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	104		2.03	8.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.97		2.63	4.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	13.4		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	13.4		40 - 140	54%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-05DL	Acq On:	07 Jul 2025 10:24
Client Sample ID:	GPX5DL	Operator:	YP\AJ
Data file:	FE054698.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	74336769	546.373	300	ug/ml
Aliphatic C12-C16	6.954	10.404	16994879	120.901	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2293376	15.883	300	ug/ml
Aliphatic C21-C28	13.783	17.452	2152766	14.882	400	ug/ml
Aliphatic C28-C40	17.453	22.469	6496470	46.856	600	ug/ml
Aliphatic EPH	3.322	22.469	102274260	744.895		ug/ml
ortho-Terphenyl (SURR)	12.080	12.080	2182748	13.44		ug/ml
1-chlorooctadecane (SURR)	13.516	13.516	1691526	13.39		ug/ml
Aliphatic C9-C28	3.322	17.452	95777790	698.039	1200	ug/ml

Raw Data: **FE054677.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:	GPX6		SDG No.:	Q2480	
Lab Sample ID:	Q2480-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:23	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.99		1	1.36	2.30	mg/kg	FE054677.D
Aliphatic C9-C28	Aliphatic C9-C28	6.01		1	1.04	4.60	mg/kg	FE054677.D
Total AliphaticEPH	Total AliphaticEPH	12.0			2.40	6.90	mg/kg	
Total EPH	Total EPH	12.0			2.40	6.90	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	GPX6		SDG No.:	Q2480	
Lab Sample ID:	Q2480-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054677.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.01		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.99		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-06	Acq On:	02 Jul 2025 20:23
Client Sample ID:	GPX6	Operator:	YP\AJ
Data file:	FE054677.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	5434397	39.943	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1947411	13.854	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1699521	11.77	300	ug/ml
Aliphatic C21-C28	13.778	17.448	1864208	12.888	400	ug/ml
Aliphatic C28-C40	17.449	22.462	10839865	78.183	600	ug/ml
Aliphatic EPH	3.319	22.462	21785402	156.637		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	5216494	32.12		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	4042898	32.01		ug/ml
Aliphatic C9-C28	3.319	17.448	10945537	78.455	1200	ug/ml

Raw Data: **FE054678.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:	GPX7		SDG No.:	Q2480	
Lab Sample ID:	Q2480-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:53	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.34		1	1.34	2.27	mg/kg	FE054678.D
Aliphatic C9-C28	Aliphatic C9-C28	36.8		1	1.03	4.55	mg/kg	FE054678.D
Total AliphaticEPH	Total AliphaticEPH	42.1			2.37	6.82	mg/kg	
Total EPH	Total EPH	42.1			2.37	6.82	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE054678.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:	GPX7		SDG No.:	Q2480	
Lab Sample ID:	Q2480-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054678.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	36.8		1.03	4.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.34		1.34	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.4		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-07	Acq On:	02 Jul 2025 20:53
Client Sample ID:	GPX7	Operator:	YP\AJ
Data file:	FE054678.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	49366253	362.84	300	ug/ml
Aliphatic C12-C16	6.952	10.402	11713126	83.327	200	ug/ml
Aliphatic C16-C21	10.403	13.777	2697510	18.682	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3003677	20.765	400	ug/ml
Aliphatic C28-C40	17.449	22.462	9782592	70.557	600	ug/ml
Aliphatic EPH	3.319	22.462	76563158	556.171		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4715622	29.04		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3963092	31.38		ug/ml
Aliphatic C9-C28	3.319	17.448	66780566	485.614	1200	ug/ml

Raw Data: **FE054679.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:	GPX8	SDG No.:	Q2480
Lab Sample ID:	Q2480-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 21:24	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.35		1	1.35	2.29	mg/kg	FE054679.D
Aliphatic C9-C28	Aliphatic C9-C28	47.3		1	1.04	4.59	mg/kg	FE054679.D
Total AliphaticEPH	Total AliphaticEPH	53.7			2.39	6.88	mg/kg	
Total EPH	Total EPH	53.7			2.39	6.88	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054679.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	47.3		1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.35		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.6		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-08	Acq On:	02 Jul 2025 21:24
Client Sample ID:	GPX8	Operator:	YP\AJ
Data file:	FE054679.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	61528928	452.235	300	ug/ml
Aliphatic C12-C16	6.952	10.402	14123911	100.477	200	ug/ml
Aliphatic C16-C21	10.403	13.777	3122692	21.626	300	ug/ml
Aliphatic C21-C28	13.778	17.448	6609485	45.692	400	ug/ml
Aliphatic C28-C40	17.449	22.462	11522473	83.106	600	ug/ml
Aliphatic EPH	3.319	22.462	96907489	703.138		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4801239	29.57		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3989935	31.59		ug/ml
Aliphatic C9-C28	3.319	17.448	85385016	620.03	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FC070225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168702BL	71	69		0
PB168702BS	76	73		0
PB168702BSD	74	71		0
WC-1MS	49	47		0
WC-1MSD	50	48		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FE070225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GPX1	60	57		0
GPX2	64	59		0
GPX3	76	75		0
GPX4	61	60		0
GPX5	56	55		0
GPX6	64	64		0
GPX7	63	58		0
GPX8	63	59		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FE070725AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GPX5DL	54	54		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : Q2478-01MS **Datafile:** FC069361.D **Client ID :** WC-1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	32.3	25.4	67.2	129		(40-140)
Aliphatic C9-C28	107.7	3.74	67.8	60		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.6	0.0000	1.8579	52		(40-140)
n-Decane (C10)	3.6	0.0000	4.2542	118		(40-140)
Naphthalene (C11.7)	3.6	0.0000	2.3322	65		(40-140)
n-Dodecane (C12)	3.6	0.0000	2.1284	59		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	2.3160	64		(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.2562	63		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.3110	64		(40-140)
n-Octadecane (C18)	3.6	0.0000	2.3167	64		(40-140)
n-Eicosane (C20)	3.6	0.0000	2.4955	69		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.4275	67		(40-140)
n-Docosane (C22)	3.6	0.0000	2.4367	68		(40-140)
n-Tetracosane (C24)	7.2	0.0000	7.3801	103		(40-140)
n-Hexacosane (C26)	3.6	0.0000	2.4404	68		(40-140)
n-Octacosane (C28)	3.6	0.0000	2.6435	73		(40-140)
n-Tricontane (C30)	3.6	0.0000	2.7421	76		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	3.1705	88		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	4.2340	118		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	5.1145	142	*	(40-140)
n-Octatriacontane (C38)	3.6	0.0000	7.0161	195	*	(40-140)
n-Tetracontane (C40)	3.6	0.0000	5.0876	141	*	(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : Q2478-01MSD **Datafile:** FC069362.D **Client ID :** WC-1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	32.3	25.4	67.3	129		0 | (40-140)	50
Aliphatic C9-C28	107.6	3.74	69.5	61		2.7 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.6	0.0000	1.9164	53		1.9 | (40-140)	50
n-Decane (C10)	3.6	0.0000	4.3837	122		3.33 | (40-140)	50
Naphthalene (C11.7)	3.6	0.0000	2.3979	67		3.03 | (40-140)	50
n-Dodecane (C12)	3.6	0.0000	2.1905	61		3.33 | (40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.3774	66		3.08 | (40-140)	50
n-Tetradecane (C14)	3.6	0.0000	2.3173	64		1.57 | (40-140)	50
n-Hexadecane (C16)	3.6	0.0000	2.3721	66		3.08 | (40-140)	50
n-Octadecane (C18)	3.6	0.0000	2.3828	66		3.08 | (40-140)	50
n-Eicosane (C20)	3.6	0.0000	2.5602	71		2.86 | (40-140)	50
n-Heneicosane (C21)	3.6	0.0000	2.4979	69		2.94 | (40-140)	50
n-Docosane (C22)	3.6	0.0000	2.5002	69		1.46 | (40-140)	50
n-Tetracosane (C24)	7.2	0.0000	7.5351	105		1.92 | (40-140)	50
n-Hexacosane (C26)	3.6	0.0000	2.4968	69		1.46 | (40-140)	50
n-Octacosane (C28)	3.6	0.0000	2.6552	74		1.36 | (40-140)	50
n-Tricontane (C30)	3.6	0.0000	2.7555	77		1.31 | (40-140)	50
n-Dotriacontane (C32)	3.6	0.0000	3.1545	88		0 | (40-140)	50
n-Tetratriacontane (C34)	3.6	0.0000	4.1790	116		1.71 | (40-140)	50
n-Hexatriacontane (C36)	3.6	0.0000	6.7837	188	*	27.88 |(40-140)	50
n-Octatriacontane (C38)	3.6	0.0000	6.0645	168	*	14.88 |(40-140)	50
n-Tetracontane (C40)	3.6	0.0000	5.2425	146	*	3.48 | (40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : PB168702BS **Datafile:** FC069357.D **Client ID :** PB168702BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	31.7	105		(40-140)
Aliphatic C9-C28	99.9	74.6	75		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.3	2.40142	73		(40-140)
n-Decane (C10)	3.3	2.47050	75		(40-140)
Naphthalene (C11.7)	3.3	2.81207	85		(40-140)
n-Dodecane (C12)	3.3	2.54893	77		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.76057	84		(40-140)
n-Tetradecane (C14)	3.3	2.66577	81		(40-140)
n-Hexadecane (C16)	3.3	2.61938	79		(40-140)
n-Octadecane (C18)	3.3	2.58506	78		(40-140)
n-Eicosane (C20)	3.3	2.76151	84		(40-140)
n-Heneicosane (C21)	3.3	2.70040	82		(40-140)
n-Docosane (C22)	3.3	2.69497	82		(40-140)
n-Tetracosane (C24)	6.7	5.48546	82		(40-140)
n-Hexacosane (C26)	3.3	2.68623	81		(40-140)
n-Octacosane (C28)	3.3	2.71170	82		(40-140)
n-Tricontane (C30)	3.3	2.72644	83		(40-140)
n-Dotriacontane (C32)	3.3	2.86506	87		(40-140)
n-Tetratriacontane (C34)	3.3	3.32720	101		(40-140)
n-Hexatriacontane (C36)	3.3	3.69042	112		(40-140)
n-Octatriacontane (C38)	3.3	4.06536	123		(40-140)
n-Tetracontane (C40)	3.3	4.13529	125		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : PB168702BSD **Datafile:** FC069358.D **Client ID :** PB168702BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	31.4	104		0.251| (40-140)	25
Aliphatic C9-C28	99.9	73.1	73		2.2| (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.3	2.34768	71		2.78| (40-140)	25
n-Decane (C10)	3.3	2.41356	73		2.7| (40-140)	25
Naphthalene (C11.7)	3.3	2.73125	83		2.38| (40-140)	25
n-Dodecane (C12)	3.3	2.47919	75		2.63| (40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.67481	81		3.64| (40-140)	25
n-Tetradecane (C14)	3.3	2.58076	78		3.77| (40-140)	25
n-Hexadecane (C16)	3.3	2.53320	77		2.56| (40-140)	25
n-Octadecane (C18)	3.3	2.49933	76		2.6| (40-140)	25
n-Eicosane (C20)	3.3	2.68854	81		3.64| (40-140)	25
n-Heneicosane (C21)	3.3	2.63654	80		2.47| (40-140)	25
n-Docosane (C22)	3.3	2.64236	80		2.47| (40-140)	25
n-Tetracosane (C24)	6.7	5.41716	81		1.23| (40-140)	25
n-Hexacosane (C26)	3.3	2.66338	81		0| (40-140)	25
n-Octacosane (C28)	3.3	2.69560	82		0| (40-140)	25
n-Tricontane (C30)	3.3	2.70965	82		1.21| (40-140)	25
n-Dotriacontane (C32)	3.3	2.84577	86		1.16| (40-140)	25
n-Tetratriacontane (C34)	3.3	3.30367	100		1| (40-140)	25
n-Hexatriacontane (C36)	3.3	3.66310	111		0.9| (40-140)	25
n-Octatriacontane (C38)	3.3	4.02861	122		0.82| (40-140)	25
n-Tetracontane (C40)	3.3	4.08006	124		0.8| (40-140)	25

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168702BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2480 SAS No.: Q2480 SDG NO.: Q2480

Instrument ID: FID_C Lab Sample ID: PB168702BL

Matrix: (soil/water) Solid Date Extracted: 7/2/2025 11:05:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168702BS	PB168702BS
PB168702BSD	PB168702BSD
WC-1MS	Q2478-01MS
WC-1MSD	Q2478-01MSD
GPX1	Q2480-01
GPX2	Q2480-02
GPX3	Q2480-03
GPX4	Q2480-04
GPX5	Q2480-05
GPX6	Q2480-06
GPX7	Q2480-07
GPX8	Q2480-08

COMMENTS:

QC SAMPLE DATA

Raw Data: **FC069356.D**

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Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Lexington			Date Received:			
Client Sample ID:	PB168702BL			SDG No.:	Q2480		
Lab Sample ID:	PB168702BL			Matrix:	Solid		
Analytical Method:	NJEPH			% Solid:	100		
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000	uL	
Soil Aliquot Vol:			uL	Test:	EPH_NF		
Prep Method :							

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 16:50	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069356.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069356.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069356.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BL		SDG No.:	Q2480	
Lab Sample ID:	PB168702BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069356.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.3		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BL	Acq On:	02 Jul 2025 16:50
Client Sample ID:	PB168702BL	Operator:	YP/AJ
Data file:	FC069356.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.304	6.604	0	0	300	ug/ml
Aliphatic C12-C16	6.605	10.008	0	0	200	ug/ml
Aliphatic C16-C21	10.009	13.377	0	0	300	ug/ml
Aliphatic C21-C28	13.378	17.043	0	0	400	ug/ml
Aliphatic C28-C40	17.044	22.026	0	0	600	ug/ml
Aliphatic EPH	3.304	22.026	0	0		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	5930322	34.33		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	4638335	35.5		ug/ml
Aliphatic C9-C28	3.304	17.043	0	0	1200	ug/ml

Raw Data: **FC069357.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BS		SDG No.:	Q2480	
Lab Sample ID:	PB168702BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 17:37	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.7		1	1.18	2.00	mg/kg	FC069357.D
Aliphatic C9-C28	Aliphatic C9-C28	74.6		1	0.91	3.99	mg/kg	FC069357.D
Total AliphaticEPH	Total AliphaticEPH	106			2.09	5.99	mg/kg	
Total EPH	Total EPH	106			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069357.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BS		SDG No.:	Q2480	
Lab Sample ID:	PB168702BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069357.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	74.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.0		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.6		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BS	Acq On:	02 Jul 2025 17:37
Client Sample ID:	PB168702BS	Operator:	YP/AJ
Data file:	FC069357.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.304	6.604	29348261	200.084	300	ug/ml
Aliphatic C12-C16	6.605	10.008	40997760	257.507	200	ug/ml
Aliphatic C16-C21	10.009	13.377	45243714	292.964	300	ug/ml
Aliphatic C21-C28	13.378	17.043	49679919	370.839	400	ug/ml
Aliphatic C28-C40	17.044	22.026	43887253	476.391	600	ug/ml
Aliphatic EPH	3.304	22.026	209156907	1600		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	6323173	36.6		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	4959307	37.96		ug/ml
Aliphatic C9-C28	3.304	17.043	165269654	1120	1200	ug/ml

Raw Data: **FC069358.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BSD		SDG No.:	Q2480	
Lab Sample ID:	PB168702BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:27	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1	1.18	2.00	mg/kg	FC069358.D
Aliphatic C9-C28	Aliphatic C9-C28	73.1		1	0.91	3.99	mg/kg	FC069358.D
Total AliphaticEPH	Total AliphaticEPH	105			2.09	5.99	mg/kg	
Total EPH	Total EPH	105			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069358.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BSD		SDG No.:	Q2480	
Lab Sample ID:	PB168702BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069358.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	73.1		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.5		40 - 140	71%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BSD	Acq On:	02 Jul 2025 18:27
Client Sample ID:	PB168702BSD	Operator:	YP/AJ
Data file:	FC069358.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.304	6.604	28591820	194.927	300	ug/ml
Aliphatic C12-C16	6.605	10.008	39639402	248.975	200	ug/ml
Aliphatic C16-C21	10.009	13.377	44162168	285.961	300	ug/ml
Aliphatic C21-C28	13.378	17.043	49042940	366.084	400	ug/ml
Aliphatic C28-C40	17.044	22.026	43457637	471.728	600	ug/ml
Aliphatic EPH	3.304	22.026	204893967	1570		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	6140865	35.55		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	4844779	37.08		ug/ml
Aliphatic C9-C28	3.304	17.043	161436330	1100	1200	ug/ml

Raw Data: **FC069361.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	WC-1MS			SDG No.:	Q2480
Lab Sample ID:	Q2478-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.6
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:47	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	67.2	E	1	1.27	2.15	mg/kg	FC069361.D
Aliphatic C9-C28	Aliphatic C9-C28	67.8		1	0.98	4.32	mg/kg	FC069361.D
Total AliphaticEPH	Total AliphaticEPH	135			2.25	6.47	mg/kg	
Total EPH	Total EPH	135			2.25	6.47	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069361.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	WC-1MS		SDG No.:	Q2480	
Lab Sample ID:	Q2478-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069361.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	67.8		0.98	4.32	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	67.2	E	1.27	2.15	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	24.3		40 - 140	49%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	23.3		40 - 140	47%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2478-01MS	Acq On:	02 Jul 2025 20:47
Client Sample ID:	WC-1MS	Operator:	YP/AJ
Data file:	FC069361.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.304	6.604	24148362	164.633	300	ug/ml
Aliphatic C12-C16	6.605	10.008	33531121	210.609	200	ug/ml
Aliphatic C16-C21	10.009	13.377	38378932	248.513	300	ug/ml
Aliphatic C21-C28	13.378	17.043	43163221	322.194	400	ug/ml
Aliphatic C28-C40	17.044	22.026	86194514	935.632	600	ug/ml
Aliphatic EPH	3.304	22.026	225416150	1880		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	4023882	23.29		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	3175165	24.3		ug/ml
Aliphatic C9-C28	3.304	17.043	139221636	945.949	1200	ug/ml

Raw Data: **FC069362.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	WC-1MSD			SDG No.:	Q2480
Lab Sample ID:	Q2478-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.6
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 21:34	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	67.3	E	1	1.27	2.15	mg/kg	FC069362.D
Aliphatic C9-C28	Aliphatic C9-C28	69.5		1	0.98	4.32	mg/kg	FC069362.D
Total AliphaticEPH	Total AliphaticEPH	137			2.25	6.47	mg/kg	
Total EPH	Total EPH	137			2.25	6.47	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069362.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	WC-1MSD		SDG No.:	Q2480	
Lab Sample ID:	Q2478-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.6	
Sample Wt/Vol:	30.09 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069362.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		69.5		0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		67.3	E	1.27	2.15	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		24.9		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		23.8		40 - 140	48%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2478-01MSD	Acq On:	02 Jul 2025 21:34
Client Sample ID:	WC-1MSD	Operator:	YP/AJ
Data file:	FC069362.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.304	6.604	24731964	168.612	300	ug/ml
Aliphatic C12-C16	6.605	10.008	34408909	216.122	200	ug/ml
Aliphatic C16-C21	10.009	13.377	39309413	254.538	300	ug/ml
Aliphatic C21-C28	13.378	17.043	43980372	328.294	400	ug/ml
Aliphatic C28-C40	17.044	22.026	86413404	938.008	600	ug/ml
Aliphatic EPH	3.304	22.026	228844062	1910		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4115666	23.82		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3246830	24.85		ug/ml
Aliphatic C9-C28	3.304	17.043	142430658	967.566	1200	ug/ml

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Inital Calibration Report for SequenceID : FC061825AL

AreaCount

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	42176071.000	20640977.000	8581963.000	4632454.000	2366353.000	
Aliphatic C12-C16	29735945.000	14914656.000	6266673.000	3402693.000	1714249.000	
Aliphatic C16-C21	42009240.000	21363842.000	9096606.000	5044763.000	2549195.000	
Aliphatic C21-C28	49153709.000	24681333.000	10474538.000	5764217.000	2970075.000	
Aliphatic C28-C40	51466619.000	25624553.000	10688039.000	5834277.000	3093728.000	
Aliphatic EPH	214541584.000	107225361.000	45107819.000	24678404.000	12693600.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146679.6266662	6.053				
Aliphatic C12-C16	159210.532	6.932				
Aliphatic C16-C21	154434.3226664	9.092				
Aliphatic C21-C28	133966.3675	8.814				
Aliphatic C28-C40	92124.4166662	8.439				
Aliphatic EPH	128354.1601108	7.942				

Concentration

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	140586.903333	137606.513333	143032.716666	154415.133333	157756.866666	
Aliphatic C12-C16	148679.725000	149146.560000	156666.825000	170134.650000	171424.900000	
Aliphatic C16-C21	140030.800000	142425.613333	151610.100000	168158.766666	169946.333333	

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Inital Calibration Report for SequenceID : FC061825AL

Aliphatic C21-C28	122884.272500	123406.665000	130931.725000	144105.425000	148503.750000	
Aliphatic C28-C40	85777.698333	85415.176666	89066.991666	97237.950000	103124.266666	
Aliphatic EPH	119189.768888	119139.290000	125299.497222	137102.244444	141040.000000	

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Inital Calibration Report for SequenceID : FE062725AL

AreaCount

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	38319626.000	18841259.000	7903525.000	4345683.000	2255301.000	
Aliphatic C12-C16	26299885.000	12905734.000	5443215.000	2993160.000	1565455.000	
Aliphatic C16-C21	40647007.000	19884289.000	8390490.000	4604333.000	2408955.000	
Aliphatic C21-C28	54422256.000	26660814.000	11204648.000	6127397.000	3213117.000	
Aliphatic C28-C40	69156138.000	36606449.000	15572202.000	9126447.000	5222398.000	
Aliphatic EPH	228844912.000	114898545.000	48514080.000	27197020.000	14665226.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	136055.079333	8.044				
Aliphatic C12-C16	140568.128	8.513				
Aliphatic C16-C21	144393.643333	8.376				
Aliphatic C21-C28	144651.717	8.126				
Aliphatic C28-C40	138647.4919998	17.441				
Aliphatic EPH	140720.791333	11.192				

Concentration

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	127732.086666	125608.393333	131725.416666	144856.100000	150353.400000	
Aliphatic C12-C16	131499.425000	129057.340000	136080.375000	149658.000000	156545.500000	
Aliphatic C16-C21	135490.023333	132561.926666	139841.500000	153477.766666	160597.000000	

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Inital Calibration Report for SequenceID : FE062725AL

Aliphatic C21-C28	136055.640000	133304.070000	140058.100000	153184.925000	160655.850000	
Aliphatic C28-C40	115260.230000	122021.496666	129768.350000	152107.450000	174079.933333	
Aliphatic EPH	127136.062222	127665.050000	134761.333333	151094.555555	162946.955555	

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Continuing Calibration Report for SequenceID : FC070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069355.D**						
Aliphatic C9-C12	9339051.000	60.000	3.304	6.604	155650.850	146679.627	-6.116
Aliphatic C12-C16	6424914.000	40.000	6.605	10.008	160622.850	159210.532	-0.887
Aliphatic C16-C21	9216722.000	60.000	10.009	13.377	153612.033	154434.323	0.532
Aliphatic C21-C28	11012797.000	80.000	13.378	17.043	137659.963	133966.368	-2.757
Aliphatic C28-C40	12367304.000	120.000	17.044	22.026	103060.867	92124.417	-11.871
Aliphatic EPH	48360788.000	360.000	3.304	22.026	134335.522	128354.160	-4.660

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 12:53
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069355.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.304	6.604	9339051.000	60.000	ug/ml
Aliphatic C12-C16	6.605	10.008	6424914.000	40.000	ug/ml
Aliphatic C16-C21	10.009	13.377	9216722.000	60.000	ug/ml
Aliphatic C21-C28	13.378	17.043	11012797.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.026	12367304.000	120.000	ug/ml
Aliphatic EPH	3.304	22.026	48360788.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069365.D**						
Aliphatic C9-C12	8532118.000	60.000	3.304	6.604	142201.967	146679.627	3.053
Aliphatic C12-C16	5790506.000	40.000	6.605	10.008	144762.650	159210.532	9.075
Aliphatic C16-C21	8092528.000	60.000	10.009	13.377	134875.467	154434.323	12.665
Aliphatic C21-C28	9462211.000	80.000	13.378	17.043	118277.638	133966.368	11.711
Aliphatic C28-C40	10961952.000	120.000	17.044	22.026	91349.600	92124.417	0.841
Aliphatic EPH	42839315.000	360.000	3.304	22.026	118998.097	128354.160	7.289

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Jul 2025 00:37
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069365.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.304	6.604	8532118.000	60.000	ug/ml
Aliphatic C12-C16	6.605	10.008	5790506.000	40.000	ug/ml
Aliphatic C16-C21	10.009	13.377	8092528.000	60.000	ug/ml
Aliphatic C21-C28	13.378	17.043	9462211.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.026	10961952.000	120.000	ug/ml
Aliphatic EPH	3.304	22.026	42839315.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054669.D**						
Aliphatic C9-C12	7469118.000	60.000	3.319	6.951	124485.300	136055.079	8.504
Aliphatic C12-C16	5215439.000	40.000	6.952	10.402	130385.975	140568.128	7.244
Aliphatic C16-C21	7671136.000	60.000	10.403	13.777	127852.267	144393.643	11.456
Aliphatic C21-C28	10947905.000	80.000	13.778	17.448	136848.813	144651.717	5.394
Aliphatic C28-C40	17483005.000	120.000	17.449	22.462	145691.708	138647.492	-5.081
Aliphatic EPH	48786603.000	360.000	3.319	22.462	135518.342	140720.791	3.697

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 12:08
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054669.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.319	6.951	7469118.000	60.000	ug/ml
Aliphatic C12-C16	6.952	10.402	5215439.000	40.000	ug/ml
Aliphatic C16-C21	10.403	13.777	7671136.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	10947905.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.462	17483005.000	120.000	ug/ml
Aliphatic EPH	3.319	22.462	48786603.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054681.D**						
Aliphatic C9-C12	9050829.000	60.000	3.319	6.951	150847.150	136055.079	-10.872
Aliphatic C12-C16	6254036.000	40.000	6.952	10.402	156350.900	140568.128	-11.228
Aliphatic C16-C21	9238520.000	60.000	10.403	13.777	153975.333	144393.643	-6.636
Aliphatic C21-C28	12968372.000	80.000	13.778	17.448	162104.650	144651.717	-12.065
Aliphatic C28-C40	16599930.000	120.000	17.449	22.462	138332.750	138647.492	0.227
Aliphatic EPH	54111687.000	360.000	3.319	22.462	150310.242	140720.791	-6.815

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 22:55
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054681.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.319	6.951	9050829.000	60.000	ug/ml
Aliphatic C12-C16	6.952	10.402	6254036.000	40.000	ug/ml
Aliphatic C16-C21	10.403	13.777	9238520.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	12968372.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.462	16599930.000	120.000	ug/ml
Aliphatic EPH	3.319	22.462	54111687.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054697.D**						
Aliphatic C9-C12	8436858.000	60.000	3.322	6.953	140614.300	136055.079	-3.351
Aliphatic C12-C16	5862431.000	40.000	6.954	10.404	146560.775	140568.128	-4.263
Aliphatic C16-C21	8611042.000	60.000	10.405	13.782	143517.367	144393.643	0.607
Aliphatic C21-C28	12023334.000	80.000	13.783	17.452	150291.675	144651.717	-3.899
Aliphatic C28-C40	15889507.000	120.000	17.453	22.469	132412.558	138647.492	4.497
Aliphatic EPH	50823172.000	360.000	3.322	22.469	141175.478	140720.791	-0.323

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 09:47
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054697.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	8436858.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5862431.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	8611042.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	12023334.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	15889507.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	50823172.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054704.D**						
Aliphatic C9-C12	8370943.000	60.000	3.322	6.953	139515.717	136055.079	-2.544
Aliphatic C12-C16	5771729.000	40.000	6.954	10.404	144293.225	140568.128	-2.650
Aliphatic C16-C21	8399108.000	60.000	10.405	13.782	139985.133	144393.643	3.053
Aliphatic C21-C28	11772203.000	80.000	13.783	17.452	147152.538	144651.717	-1.729
Aliphatic C28-C40	15996736.000	120.000	17.453	22.469	133306.133	138647.492	3.852
Aliphatic EPH	50310719.000	360.000	3.322	22.469	139751.997	140720.791	0.688

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 13:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054704.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	8370943.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5771729.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	8399108.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	11772203.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	15996736.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	50310719.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Operator : YP\AJ
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX1

Integration File: autoint1.e
Quant Time: Jul 03 05:10:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4602571	28.342 ug/ml
Spiked Amount 50.000		Recovery =	56.68%
12) S 1-chlorooctadecane (S...	13.513	3792627	30.030 ug/ml
Spiked Amount 50.000		Recovery =	60.06%
Target Compounds			

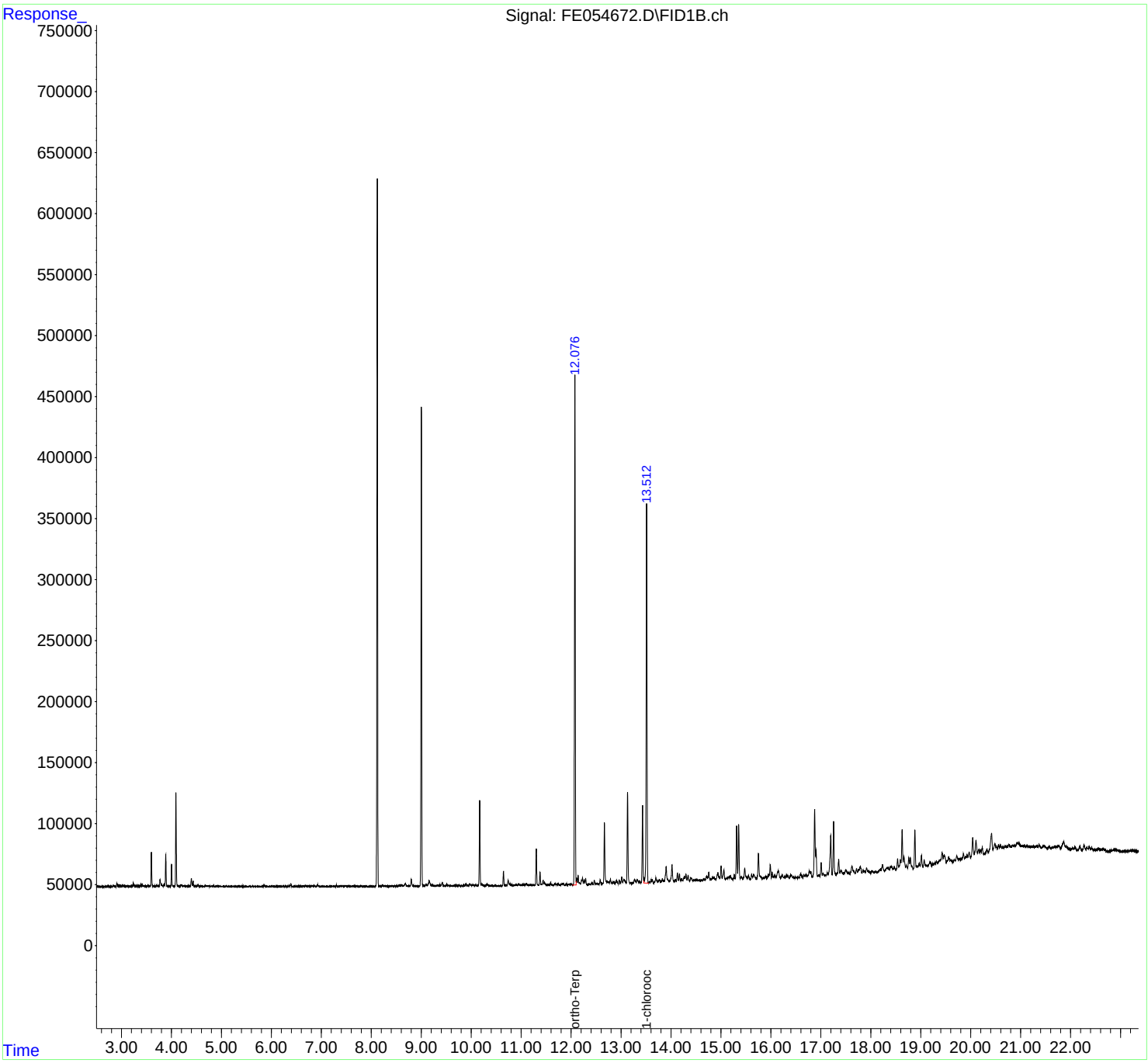
(f)=RT Delta > 1/2 Window (m)=manual int.

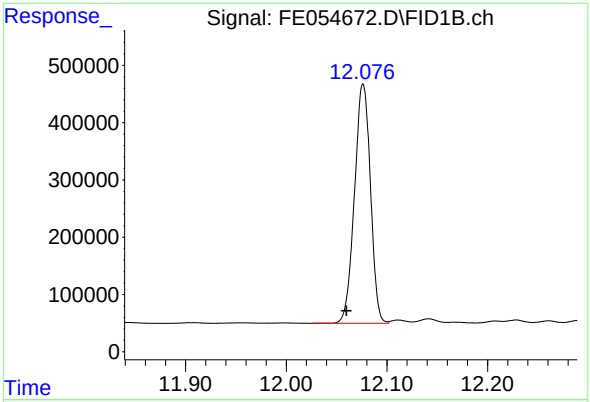
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Operator : YP\AJ
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX1

Integration File: autoint1.e
Quant Time: Jul 03 05:10:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

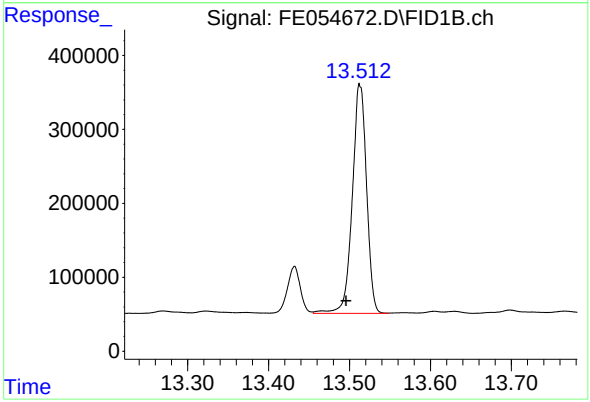




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 4602571
Conc: 28.34 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX1



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.018 min
Response: 3792627
Conc: 30.03 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.843	2.804	2.868	BV	752	12645	0.27%	0.030%
2	2.877	2.868	2.891	PV	93	883	0.02%	0.002%
3	2.908	2.891	2.944	VV	2638	36510	0.79%	0.087%
4	2.956	2.944	2.991	VV	585	12729	0.28%	0.030%
5	3.001	2.991	3.017	VV	376	5207	0.11%	0.012%
6	3.031	3.017	3.040	VV	474	5329	0.12%	0.013%
7	3.052	3.040	3.088	VV	641	10683	0.23%	0.025%
8	3.109	3.088	3.136	VV	693	11326	0.25%	0.027%
9	3.149	3.136	3.174	VV	251	4866	0.11%	0.012%
10	3.197	3.174	3.214	VV	364	6936	0.15%	0.017%
11	3.236	3.214	3.278	VV	3007	40514	0.88%	0.096%
12	3.291	3.278	3.304	VV	679	9199	0.20%	0.022%
13	3.316	3.304	3.367	VV	608	15089	0.33%	0.036%
14	3.396	3.367	3.408	VV	1491	19077	0.41%	0.045%
15	3.418	3.408	3.453	VV	1171	16665	0.36%	0.040%
16	3.468	3.453	3.490	VV	346	6607	0.14%	0.016%
17	3.502	3.490	3.514	VV	318	4662	0.10%	0.011%
18	3.529	3.514	3.555	VV	793	13533	0.29%	0.032%
19	3.565	3.555	3.576	VV	527	6307	0.14%	0.015%
20	3.599	3.576	3.681	VV	28235	268864	5.84%	0.640%
21	3.703	3.681	3.725	VV	842	13244	0.29%	0.032%
22	3.735	3.725	3.753	VV	452	6721	0.15%	0.016%
23	3.772	3.753	3.799	VV	5804	77063	1.67%	0.183%
24	3.806	3.799	3.838	VV	1992	25376	0.55%	0.060%
25	3.853	3.838	3.865	VV	1595	18050	0.39%	0.043%
26	3.887	3.865	3.934	VV	26122	246530	5.35%	0.586%
27	3.954	3.934	3.977	VV	314	7086	0.15%	0.017%
28	4.003	3.977	4.047	VV	18250	172662	3.75%	0.411%
29	4.091	4.047	4.168	VV	76210	713912	15.50%	1.698%
30	4.198	4.168	4.235	VV	1437	26950	0.58%	0.064%
31	4.249	4.235	4.313	VV	468	17370	0.38%	0.041%
32	4.328	4.313	4.349	VV	481	7761	0.17%	0.018%
33	4.399	4.349	4.419	VV	6473	84102	1.83%	0.200%
34	4.434	4.419	4.509	VV	4403	60385	1.31%	0.144%
35	4.533	4.509	4.548	VV	1959	21273	0.46%	0.051%
36	4.557	4.548	4.613	VV	653	13707	0.30%	0.033%

rteres

37	4.622	4.613	4.651	VV	270	5111	0.11%	0.012%
38	4.676	4.651	4.708	VV	862	15965	0.35%	0.038%
39	4.719	4.708	4.726	VV	505	4802	0.10%	0.011%
40	4.739	4.726	4.820	VV	773	16979	0.37%	0.040%
41	4.844	4.820	4.881	VV	622	8684	0.19%	0.021%
42	4.907	4.881	4.937	VV	598	11478	0.25%	0.027%
43	4.956	4.937	5.007	VV	493	8886	0.19%	0.021%
44	5.018	5.007	5.030	VV	164	1573	0.03%	0.004%
45	5.046	5.030	5.078	VV	290	5011	0.11%	0.012%
46	5.096	5.078	5.131	VV	250	5604	0.12%	0.013%
47	5.140	5.131	5.170	VV	243	3028	0.07%	0.007%
48	5.182	5.170	5.255	VV	164	6868	0.15%	0.016%
49	5.269	5.255	5.293	VV	235	3413	0.07%	0.008%
50	5.309	5.293	5.328	VV	248	4053	0.09%	0.010%
51	5.338	5.328	5.366	VV	285	4283	0.09%	0.010%
52	5.394	5.366	5.419	VV	270	5774	0.13%	0.014%
53	5.425	5.419	5.446	VV	176	2153	0.05%	0.005%
54	5.466	5.446	5.484	VV	235	2958	0.06%	0.007%
55	5.494	5.484	5.548	VV	196	3124	0.07%	0.007%
56	5.561	5.548	5.577	VV	188	1801	0.04%	0.004%
57	5.622	5.577	5.649	VV	414	6113	0.13%	0.015%
58	5.674	5.649	5.708	VV	132	3223	0.07%	0.008%
59	5.715	5.708	5.741	VV	90	1045	0.02%	0.002%
60	5.756	5.741	5.783	VV	115	1157	0.03%	0.003%
61	5.817	5.783	5.832	VV	399	4591	0.10%	0.011%
62	5.852	5.832	5.908	VV	1869	23170	0.50%	0.055%
63	5.927	5.908	5.944	VV	224	2628	0.06%	0.006%
64	5.961	5.944	5.976	PV	145	1146	0.02%	0.003%
65	6.003	5.976	6.044	VV	187	4484	0.10%	0.011%
66	6.135	6.044	6.174	VV	302	13367	0.29%	0.032%
67	6.199	6.174	6.219	VV	170	3105	0.07%	0.007%
68	6.238	6.219	6.291	VV	273	5316	0.12%	0.013%
69	6.300	6.291	6.318	VV	154	1229	0.03%	0.003%
70	6.361	6.318	6.374	VV	567	9421	0.20%	0.022%
71	6.391	6.374	6.434	VV	2381	26974	0.59%	0.064%
72	6.442	6.434	6.474	VV	241	4521	0.10%	0.011%
73	6.493	6.474	6.524	VV	357	7331	0.16%	0.017%
74	6.559	6.524	6.611	VV	431	12780	0.28%	0.030%
75	6.647	6.611	6.665	VV	372	9170	0.20%	0.022%
76	6.687	6.665	6.728	VV	808	15767	0.34%	0.038%
77	6.739	6.728	6.751	VV	332	4205	0.09%	0.010%
78	6.760	6.751	6.771	VV	278	2973	0.06%	0.007%
79	6.804	6.771	6.828	VV	323	9132	0.20%	0.022%
80	6.850	6.828	6.878	VV	428	8668	0.19%	0.021%
81	6.885	6.878	6.901	VV	175	2172	0.05%	0.005%
82	6.927	6.901	6.988	VV	1531	19473	0.42%	0.046%
83	7.001	6.988	7.016	VV	110	1293	0.03%	0.003%
84	7.024	7.016	7.034	VV	88	598	0.01%	0.001%
85	7.039	7.034	7.108	VV	96	2219	0.05%	0.005%
86	7.151	7.108	7.167	PV	156	3126	0.07%	0.007%
87	7.180	7.167	7.266	VV	204	4580	0.10%	0.011%
88	7.303	7.266	7.344	VV	1214	14465	0.31%	0.034%
89	7.390	7.344	7.465	VV	259	13372	0.29%	0.032%

rteres

90	7.491	7.465	7.514	VV	652	8569	0.19%	0.020%
91	7.537	7.514	7.560	VV	348	5747	0.12%	0.014%
92	7.575	7.560	7.601	VV	259	3779	0.08%	0.009%
93	7.631	7.601	7.650	VV	480	6774	0.15%	0.016%
94	7.668	7.650	7.711	VV	242	6594	0.14%	0.016%
95	7.723	7.711	7.737	VV	213	2385	0.05%	0.006%
96	7.751	7.737	7.775	VV	197	2416	0.05%	0.006%
97	7.800	7.775	7.821	VV	272	3625	0.08%	0.009%
98	7.830	7.821	7.847	VV	78	686	0.01%	0.002%
99	7.859	7.847	7.907	VV	255	3024	0.07%	0.007%
100	7.921	7.907	8.012	VV	128	3643	0.08%	0.009%
101	8.231	8.194	8.248	VV	854	14101	0.31%	0.034%
102	8.263	8.248	8.277	VV	530	6016	0.13%	0.014%
103	8.290	8.277	8.314	VV	471	5835	0.13%	0.014%
104	8.328	8.314	8.358	VV	126	1972	0.04%	0.005%
105	8.406	8.358	8.451	VV	290	9477	0.21%	0.023%
106	8.456	8.451	8.480	VV	194	2446	0.05%	0.006%
107	8.507	8.480	8.530	VV	389	7790	0.17%	0.019%
108	8.582	8.530	8.598	VV	783	22208	0.48%	0.053%
109	8.611	8.598	8.650	VV	1055	21359	0.46%	0.051%
110	8.684	8.650	8.751	VV	2042	47480	1.03%	0.113%
111	8.801	8.751	8.878	VV	5858	87995	1.91%	0.209%
112	8.889	8.878	8.907	VV	251	2984	0.06%	0.007%
113	8.917	8.907	8.926	VV	213	1754	0.04%	0.004%
114	8.931	8.926	8.950	VV	156	1681	0.04%	0.004%
115	9.051	9.038	9.077	VV	649	12296	0.27%	0.029%
116	9.100	9.077	9.118	VV	1818	25067	0.54%	0.060%
117	9.161	9.118	9.274	VV	4271	129527	2.81%	0.308%
118	9.318	9.274	9.358	VV	663	22973	0.50%	0.055%
119	9.375	9.358	9.393	VV	1040	14482	0.31%	0.034%
120	9.419	9.393	9.491	VV	2618	56502	1.23%	0.134%
121	9.514	9.491	9.534	VV	1363	18917	0.41%	0.045%
122	9.554	9.534	9.589	VV	750	13578	0.29%	0.032%
123	9.610	9.589	9.644	VV	340	7089	0.15%	0.017%
124	9.668	9.644	9.686	VV	694	10123	0.22%	0.024%
125	9.703	9.686	9.734	VV	696	10904	0.24%	0.026%
126	9.756	9.734	9.784	VV	652	9979	0.22%	0.024%
127	9.808	9.784	9.831	VV	429	7206	0.16%	0.017%
128	9.852	9.831	9.868	PV	596	6726	0.15%	0.016%
129	9.892	9.868	9.944	VV	2092	37383	0.81%	0.089%
130	9.972	9.944	10.008	VV	1931	38145	0.83%	0.091%
131	10.039	10.008	10.064	VV	1239	25353	0.55%	0.060%
132	10.077	10.064	10.093	VV	500	7697	0.17%	0.018%
133	10.104	10.093	10.123	VV	538	6947	0.15%	0.017%
134	10.171	10.123	10.204	VV	70064	716195	15.55%	1.704%
135	10.216	10.204	10.268	VV	1435	27402	0.59%	0.065%
136	10.270	10.268	10.278	VV	308	1449	0.03%	0.003%
137	10.318	10.278	10.357	VV	1259	31875	0.69%	0.076%
138	10.379	10.357	10.393	VV	277	4559	0.10%	0.011%
139	10.404	10.393	10.432	VV	280	4094	0.09%	0.010%
140	10.477	10.432	10.505	VV	251	7067	0.15%	0.017%
141	10.513	10.505	10.541	VV	128	1755	0.04%	0.004%

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142	10.555	10.541	10.571	VV	106	773	0.02%	0.002%
143	10.588	10.571	10.614	PV	178	1766	0.04%	0.004%
144	10.647	10.614	10.676	VV	11858	126837	2.75%	0.302%
145	10.692	10.676	10.707	VV	383	5259	0.11%	0.013%
146	10.741	10.707	10.766	VV	4388	70152	1.52%	0.167%
147	10.779	10.766	10.804	VV	1420	20934	0.45%	0.050%
148	10.820	10.804	10.858	VV	848	15956	0.35%	0.038%
149	10.864	10.858	10.874	VV	346	3067	0.07%	0.007%
150	10.900	10.874	10.929	VV	1008	20102	0.44%	0.048%
151	10.949	10.929	10.984	VV	1821	29651	0.64%	0.071%
152	10.996	10.984	11.014	VV	694	8977	0.19%	0.021%
153	11.041	11.014	11.054	VV	1151	18778	0.41%	0.045%
154	11.067	11.054	11.083	VV	1183	14243	0.31%	0.034%
155	11.104	11.083	11.133	VV	1691	29625	0.64%	0.070%
156	11.149	11.133	11.176	VV	535	11989	0.26%	0.029%
157	11.200	11.176	11.218	VV	821	12842	0.28%	0.031%
158	11.235	11.218	11.258	VV	439	7662	0.17%	0.018%
159	11.304	11.258	11.345	VV	30327	326774	7.09%	0.777%
160	11.379	11.345	11.418	VV	10825	129548	2.81%	0.308%
161	11.440	11.418	11.459	VV	3958	57313	1.24%	0.136%
162	11.472	11.459	11.531	VV	2184	40240	0.87%	0.096%
163	11.551	11.531	11.570	VV	712	9959	0.22%	0.024%
164	11.590	11.570	11.636	VV	2391	32508	0.71%	0.077%
165	11.679	11.636	11.700	PV	1611	27219	0.59%	0.065%
166	11.712	11.700	11.730	VV	883	13013	0.28%	0.031%
167	11.747	11.730	11.780	VV	1025	17321	0.38%	0.041%
168	11.840	11.780	11.877	VV	1565	42816	0.93%	0.102%
169	11.907	11.877	11.931	PV	1245	16930	0.37%	0.040%
170	11.956	11.931	11.981	VV	813	16986	0.37%	0.040%
171	11.997	11.981	12.024	VV	731	10578	0.23%	0.025%
172	12.076	12.024	12.102	VV	417217	4607015	100.00%	10.960%
173	12.111	12.102	12.125	VV	5709	59023	1.28%	0.140%
174	12.141	12.125	12.187	VV	7856	117493	2.55%	0.280%
175	12.228	12.187	12.245	VV	5767	108745	2.36%	0.259%
176	12.261	12.245	12.275	VV	4290	48416	1.05%	0.115%
177	12.291	12.275	12.318	VV	5200	61758	1.34%	0.147%
178	12.331	12.318	12.341	PV	227	2039	0.04%	0.005%
179	12.364	12.341	12.386	VV	651	9327	0.20%	0.022%
180	12.421	12.386	12.443	VV	1158	22213	0.48%	0.053%
181	12.465	12.443	12.488	VV	3616	41585	0.90%	0.099%
182	12.504	12.488	12.559	VV	740	23720	0.51%	0.056%
183	12.583	12.559	12.624	VV	3953	55733	1.21%	0.133%
184	12.668	12.624	12.714	VV	50344	607029	13.18%	1.444%
185	12.729	12.714	12.748	VV	2084	37371	0.81%	0.089%
186	12.759	12.748	12.770	VV	1739	20868	0.45%	0.050%
187	12.788	12.770	12.823	VV	3706	65183	1.41%	0.155%
188	12.856	12.823	12.884	VV	1513	41350	0.90%	0.098%
189	12.905	12.884	12.941	VV	2723	51428	1.12%	0.122%
190	12.963	12.941	12.994	VV	3046	50612	1.10%	0.120%
191	13.015	12.994	13.033	VV	5685	74378	1.61%	0.177%
192	13.055	13.033	13.101	VV	3281	89955	1.95%	0.214%
193	13.131	13.101	13.178	VV	75297	863228	18.74%	2.054%
194	13.192	13.178	13.211	VV	713	8365	0.18%	0.020%

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195	13.229	13.211	13.237	VV	555	5629	0.12%	0.013%
196	13.270	13.237	13.303	VV	3551	71018	1.54%	0.169%
197	13.323	13.303	13.360	VV	3383	70653	1.53%	0.168%
198	13.372	13.360	13.401	VV	1487	25194	0.55%	0.060%
199	13.432	13.401	13.454	VV	63389	706715	15.34%	1.681%
200	13.513	13.454	13.549	VV	308800	3802227	82.53%	9.045%
201	13.567	13.549	13.583	VV	873	14418	0.31%	0.034%
202	13.605	13.583	13.617	VV	2792	34152	0.74%	0.081%
203	13.629	13.617	13.654	VV	2695	34215	0.74%	0.081%
204	13.698	13.654	13.743	PV	4344	93375	2.03%	0.222%
205	13.766	13.743	13.792	VV	2783	49407	1.07%	0.118%
206	13.828	13.792	13.867	VV	3284	74844	1.62%	0.178%
207	13.904	13.867	13.969	VV	13228	267690	5.81%	0.637%
208	14.021	13.969	14.065	VV	14380	254550	5.53%	0.606%
209	14.090	14.065	14.105	VV	2133	35496	0.77%	0.084%
210	14.130	14.105	14.150	VV	7387	101853	2.21%	0.242%
211	14.170	14.150	14.192	VV	6782	88379	1.92%	0.210%
212	14.214	14.192	14.234	VV	2612	45069	0.98%	0.107%
213	14.264	14.234	14.282	VV	3895	78328	1.70%	0.186%
214	14.300	14.282	14.322	VV	6169	93823	2.04%	0.223%
215	14.342	14.322	14.375	VV	5191	84672	1.84%	0.201%
216	14.399	14.375	14.433	VV	3334	71632	1.55%	0.170%
217	14.448	14.433	14.472	VV	1409	26348	0.57%	0.063%
218	14.502	14.472	14.541	VV	1602	51593	1.12%	0.123%
219	14.556	14.541	14.589	VV	1257	27613	0.60%	0.066%
220	14.608	14.589	14.625	VV	1135	18815	0.41%	0.045%
221	14.658	14.625	14.678	VV	1891	37733	0.82%	0.090%
222	14.715	14.678	14.737	VV	3600	90583	1.97%	0.215%
223	14.756	14.737	14.796	VV	7235	122038	2.65%	0.290%
224	14.832	14.796	14.846	VV	2766	57836	1.26%	0.138%
225	14.863	14.846	14.894	VV	2977	60119	1.30%	0.143%
226	14.940	14.894	14.980	VV	6954	180562	3.92%	0.430%
227	15.003	14.980	15.025	VV	12128	167995	3.65%	0.400%
228	15.058	15.025	15.091	VV	8603	167266	3.63%	0.398%
229	15.125	15.091	15.133	VV	2059	37883	0.82%	0.090%
230	15.153	15.133	15.168	VV	2765	48583	1.05%	0.116%
231	15.187	15.168	15.241	VV	3502	84692	1.84%	0.201%
232	15.267	15.241	15.286	VV	4323	62370	1.35%	0.148%
233	15.314	15.286	15.334	VV	43952	544545	11.82%	1.295%
234	15.355	15.334	15.387	VV	45283	565202	12.27%	1.345%
235	15.408	15.387	15.433	VV	2301	44791	0.97%	0.107%
236	15.476	15.433	15.531	VV	9274	194715	4.23%	0.463%
237	15.551	15.531	15.587	VV	3558	58895	1.28%	0.140%
238	15.614	15.587	15.639	VV	3590	69981	1.52%	0.166%
239	15.658	15.639	15.703	VV	3978	90416	1.96%	0.215%
240	15.751	15.703	15.821	VV	21205	359807	7.81%	0.856%
241	15.856	15.821	15.868	VV	926	19185	0.42%	0.046%
242	15.892	15.868	15.923	VV	1996	41763	0.91%	0.099%
243	15.948	15.923	15.960	VV	3113	44193	0.96%	0.105%
244	15.988	15.960	16.009	VV	11138	169695	3.68%	0.404%
245	16.026	16.009	16.049	VV	5410	68707	1.49%	0.163%
246	16.072	16.049	16.088	VV	2516	38990	0.85%	0.093%

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247	16.150	16.088	16.188	VV	6298	185933	4.04%	0.442%
248	16.228	16.188	16.253	VV	3176	57745	1.25%	0.137%
249	16.272	16.253	16.291	VV	1285	19518	0.42%	0.046%
250	16.313	16.291	16.326	VV	2402	31917	0.69%	0.076%
251	16.340	16.326	16.366	VV	2180	31810	0.69%	0.076%
252	16.399	16.366	16.444	VV	2478	58727	1.27%	0.140%
253	16.460	16.444	16.484	VV	543	5993	0.13%	0.014%
254	16.492	16.484	16.504	VV	333	2491	0.05%	0.006%
255	16.518	16.504	16.551	VV	413	4817	0.10%	0.011%
256	16.598	16.551	16.617	PV	2969	49940	1.08%	0.119%
257	16.626	16.617	16.641	VV	1396	12938	0.28%	0.031%
258	16.660	16.641	16.679	VV	2633	34190	0.74%	0.081%
259	16.701	16.679	16.724	VV	1955	38220	0.83%	0.091%
260	16.767	16.724	16.787	VV	4949	104718	2.27%	0.249%
261	16.800	16.787	16.826	VV	4561	60345	1.31%	0.144%
262	16.877	16.826	16.934	PV	55344	1007471	21.87%	2.397%
263	16.961	16.934	16.980	VV	1106	19212	0.42%	0.046%
264	17.007	16.980	17.029	VV	11359	142221	3.09%	0.338%
265	17.044	17.029	17.083	VV	2514	43342	0.94%	0.103%
266	17.129	17.083	17.144	VV	2471	43527	0.94%	0.104%
267	17.198	17.144	17.226	VV	33088	557166	12.09%	1.325%
268	17.257	17.226	17.300	VV	43776	560037	12.16%	1.332%
269	17.357	17.300	17.382	VV	12682	206640	4.49%	0.492%
270	17.402	17.382	17.448	VV	3792	91127	1.98%	0.217%
271	17.501	17.448	17.548	VV	3799	120903	2.62%	0.288%
272	17.562	17.548	17.579	VV	1352	18414	0.40%	0.044%
273	17.621	17.579	17.655	VV	6509	155817	3.38%	0.371%
274	17.663	17.655	17.686	VV	2506	30039	0.65%	0.071%
275	17.714	17.686	17.735	VV	4177	66139	1.44%	0.157%
276	17.758	17.735	17.769	VV	3624	55649	1.21%	0.132%
277	17.791	17.769	17.822	VV	5482	112579	2.44%	0.268%
278	17.844	17.822	17.860	VV	2777	38788	0.84%	0.092%
279	17.875	17.860	17.891	VV	1894	27234	0.59%	0.065%
280	17.917	17.891	17.942	VV	4102	71997	1.56%	0.171%
281	17.952	17.942	17.995	VV	1584	29178	0.63%	0.069%
282	18.034	17.995	18.061	VV	1412	32599	0.71%	0.078%
283	18.069	18.061	18.076	VV	265	2139	0.05%	0.005%
284	18.101	18.076	18.130	VV	806	11744	0.25%	0.028%
285	18.189	18.130	18.201	PV	2126	46042	1.00%	0.110%
286	18.235	18.201	18.273	VV	6034	128827	2.80%	0.306%
287	18.326	18.273	18.340	VV	3403	75392	1.64%	0.179%
288	18.354	18.340	18.371	VV	3166	42378	0.92%	0.101%
289	18.392	18.371	18.407	VV	3879	59344	1.29%	0.141%
290	18.420	18.407	18.449	VV	3427	63299	1.37%	0.151%
291	18.471	18.449	18.499	VV	3015	54246	1.18%	0.129%
292	18.537	18.499	18.570	VV	9523	169609	3.68%	0.403%
293	18.593	18.570	18.605	VV	8476	130329	2.83%	0.310%
294	18.627	18.605	18.649	VV	33140	464577	10.08%	1.105%
295	18.664	18.649	18.696	VV	10780	190446	4.13%	0.453%
296	18.712	18.696	18.733	VV	3507	53979	1.17%	0.128%
297	18.761	18.733	18.776	VV	9456	140851	3.06%	0.335%
298	18.792	18.776	18.850	VV	9420	168754	3.66%	0.401%
299	18.883	18.850	18.910	PV	31666	405142	8.79%	0.964%

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300	18.923	18.910	18.937	VV	1861	27590	0.60%	0.066%
301	18.968	18.937	18.988	VV	3691	76739	1.67%	0.183%
302	19.013	18.988	19.039	VV	10514	158891	3.45%	0.378%
303	19.069	19.039	19.098	VV	6575	112481	2.44%	0.268%
304	19.108	19.098	19.128	VV	2054	30811	0.67%	0.073%
305	19.139	19.128	19.146	VV	1456	14549	0.32%	0.035%
306	19.192	19.146	19.217	VV	4025	115214	2.50%	0.274%
307	19.243	19.217	19.264	VV	2334	56517	1.23%	0.134%
308	19.284	19.264	19.296	VV	3029	49606	1.08%	0.118%
309	19.316	19.296	19.335	VV	4335	77514	1.68%	0.184%
310	19.371	19.335	19.381	VV	4661	102854	2.23%	0.245%
311	19.427	19.381	19.449	VV	10436	284402	6.17%	0.677%
312	19.470	19.449	19.513	VV	8409	243394	5.28%	0.579%
313	19.560	19.513	19.651	VV	6893	325717	7.07%	0.775%
314	19.672	19.651	19.694	VV	4025	88040	1.91%	0.209%
315	19.720	19.694	19.753	VV	6793	177652	3.86%	0.423%
316	19.769	19.753	19.788	VV	4503	82325	1.79%	0.196%
317	19.855	19.788	19.880	VV	8351	282472	6.13%	0.672%
318	19.903	19.880	19.910	VV	5545	91035	1.98%	0.217%
319	19.929	19.910	19.942	VV	6405	111594	2.42%	0.265%
320	19.969	19.942	20.002	VV	8956	238528	5.18%	0.567%
321	20.041	20.002	20.068	VV	20691	440699	9.57%	1.048%
322	20.106	20.068	20.137	VV	17805	472334	10.25%	1.124%
323	20.156	20.137	20.177	VV	10140	218372	4.74%	0.519%
324	20.195	20.177	20.211	VV	9865	185101	4.02%	0.440%
325	20.231	20.211	20.263	VV	11350	271958	5.90%	0.647%
326	20.292	20.263	20.300	VV	7417	151574	3.29%	0.361%
327	20.323	20.300	20.348	VV	10041	237612	5.16%	0.565%
328	20.418	20.348	20.444	VV	22528	765398	16.61%	1.821%
329	20.484	20.444	20.530	VV	13830	578050	12.55%	1.375%
330	20.560	20.530	20.578	VV	12506	315690	6.85%	0.751%
331	20.597	20.578	20.625	VV	12263	312978	6.79%	0.745%
332	20.643	20.625	20.662	VV	10107	217051	4.71%	0.516%
333	20.689	20.662	20.721	VV	10933	365868	7.94%	0.870%
334	20.765	20.721	20.811	VV	12205	576539	12.51%	1.372%
335	20.843	20.811	20.865	VV	11081	339288	7.36%	0.807%
336	20.933	20.865	20.951	VV	12569	570783	12.39%	1.358%
337	20.963	20.951	21.031	VV	12179	509685	11.06%	1.213%
338	21.075	21.031	21.110	VV	9729	440664	9.57%	1.048%
339	21.125	21.110	21.174	VV	9084	337801	7.33%	0.804%
340	21.205	21.174	21.224	VV	8243	242994	5.27%	0.578%
341	21.279	21.224	21.304	VV	8241	388696	8.44%	0.925%
342	21.326	21.304	21.344	VV	8031	189058	4.10%	0.450%
343	21.370	21.344	21.413	VV	8866	325634	7.07%	0.775%
344	21.459	21.413	21.535	VV	7830	498348	10.82%	1.186%
345	21.571	21.535	21.603	VV	6643	241474	5.24%	0.574%
346	21.686	21.603	21.710	VV	6366	371794	8.07%	0.884%
347	21.767	21.710	21.805	VV	6369	326865	7.09%	0.778%
348	21.863	21.805	21.891	VV	9310	360500	7.83%	0.858%
349	21.904	21.891	22.010	VV	5758	280136	6.08%	0.666%
350	22.038	22.010	22.063	VV	3508	96194	2.09%	0.229%
351	22.089	22.063	22.147	VV	4178	132610	2.88%	0.315%

rteres

352	22.184	22.147	22.230	VV	4799	124884	2.71%	0.297%
353	22.268	22.230	22.300	VV	4705	111353	2.42%	0.265%
354	22.327	22.300	22.349	VV	2575	60008	1.30%	0.143%
355	22.375	22.349	22.402	VV	2886	67598	1.47%	0.161%
356	22.421	22.402	22.470	VV	2059	42756	0.93%	0.102%

Sum of corrected areas: 42035471

Aliphatic EPH 062725.M Thu Jul 03 05:40:20 2025

Sample Results: **FE054673.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Operator : YP\AJ
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX2

Integration File: autoint1.e
Quant Time: Jul 03 05:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4826976	29.724 ug/ml
Spiked Amount 50.000		Recovery =	59.45%
12) S 1-chlorooctadecane (S...	13.513	4045442	32.032 ug/ml
Spiked Amount 50.000		Recovery =	64.06%
Target Compounds			

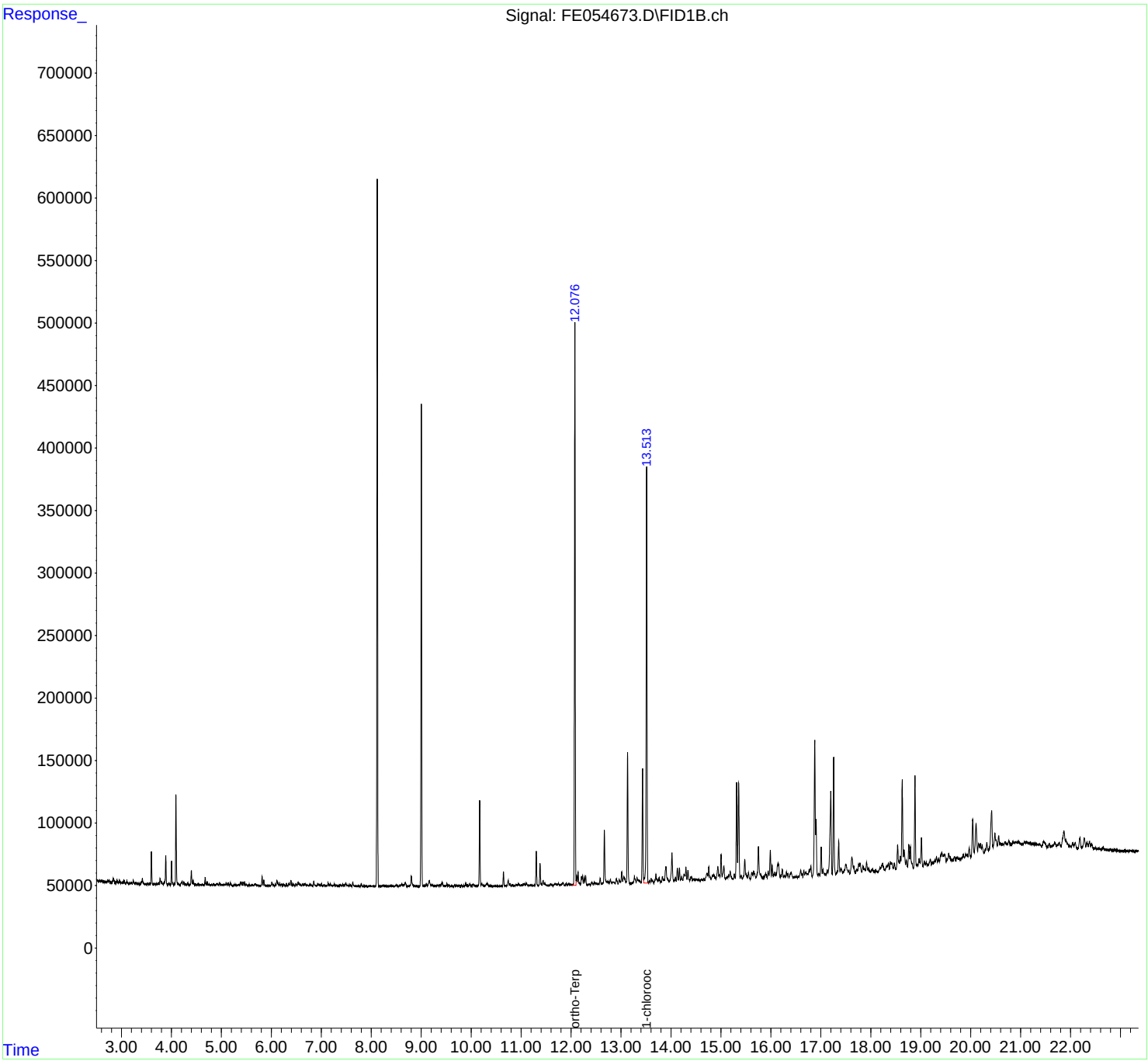
(f)=RT Delta > 1/2 Window (m)=manual int.

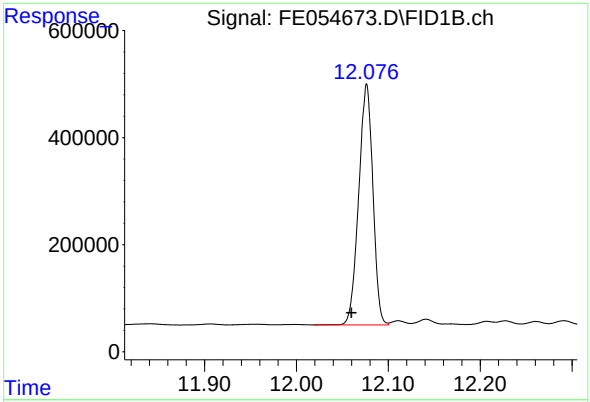
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Operator : YP\AJ
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX2

Integration File: autoint1.e
Quant Time: Jul 03 05:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

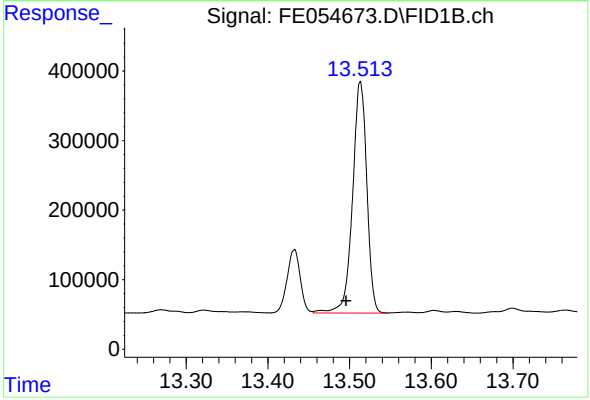




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 4826976
Conc: 29.72 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX2



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.018 min
Response: 4045442
Conc: 32.03 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.832	2.805	2.875	BV	2789	47159	0.98%	0.082%
2	2.882	2.875	2.891	VV	157	1211	0.03%	0.002%
3	2.910	2.891	2.940	VV	2255	29449	0.61%	0.051%
4	2.968	2.940	2.989	VV	1577	27965	0.58%	0.049%
5	2.998	2.989	3.017	VV	266	3237	0.07%	0.006%
6	3.054	3.017	3.079	VV	2274	31320	0.65%	0.054%
7	3.111	3.079	3.145	VV	1437	17300	0.36%	0.030%
8	3.154	3.145	3.170	PV	108	1044	0.02%	0.002%
9	3.199	3.170	3.216	PV	926	14059	0.29%	0.024%
10	3.236	3.216	3.264	VV	2786	32816	0.68%	0.057%
11	3.291	3.264	3.365	VV	663	16204	0.34%	0.028%
12	3.418	3.365	3.460	PV	4693	71413	1.48%	0.124%
13	3.471	3.460	3.511	VV	340	4514	0.09%	0.008%
14	3.531	3.511	3.555	PV	617	8030	0.17%	0.014%
15	3.567	3.555	3.578	VV	692	7064	0.15%	0.012%
16	3.599	3.578	3.647	VV	26271	246808	5.11%	0.429%
17	3.664	3.647	3.686	VV	667	8035	0.17%	0.014%
18	3.704	3.686	3.719	VV	660	6747	0.14%	0.012%
19	3.737	3.719	3.748	VV	1141	12839	0.27%	0.022%
20	3.774	3.748	3.798	VV	4780	69565	1.44%	0.121%
21	3.808	3.798	3.838	VV	2060	26227	0.54%	0.046%
22	3.887	3.838	3.920	VV	23303	258527	5.35%	0.449%
23	3.952	3.920	3.981	VV	1002	17411	0.36%	0.030%
24	4.003	3.981	4.047	VV	18863	185960	3.85%	0.323%
25	4.091	4.047	4.168	VV	71641	704758	14.60%	1.225%
26	4.215	4.168	4.232	PV	3308	52565	1.09%	0.091%
27	4.249	4.232	4.273	VV	2321	28323	0.59%	0.049%
28	4.285	4.273	4.303	VV	669	8220	0.17%	0.014%
29	4.326	4.303	4.349	VV	2062	23658	0.49%	0.041%
30	4.399	4.349	4.420	VV	11569	134702	2.79%	0.234%
31	4.435	4.420	4.506	VV	4099	64461	1.34%	0.112%
32	4.533	4.506	4.548	VV	1628	16921	0.35%	0.029%
33	4.572	4.548	4.596	VV	744	13185	0.27%	0.023%
34	4.620	4.596	4.651	VV	757	11689	0.24%	0.020%
35	4.676	4.651	4.698	VV	6255	66898	1.39%	0.116%
36	4.717	4.698	4.735	VV	3035	32759	0.68%	0.057%

rteres

37	4.751	4.735	4.773	VV	1007	13478	0.28%	0.023%
38	4.805	4.773	4.820	VV	647	9596	0.20%	0.017%
39	4.840	4.820	4.881	VV	977	19961	0.41%	0.035%
40	4.908	4.881	4.943	VV	1618	34768	0.72%	0.060%
41	4.961	4.943	4.978	VV	2621	28075	0.58%	0.049%
42	4.991	4.978	5.007	VV	1142	14317	0.30%	0.025%
43	5.021	5.007	5.035	VV	910	11097	0.23%	0.019%
44	5.044	5.035	5.055	VV	952	9282	0.19%	0.016%
45	5.067	5.055	5.079	VV	1144	12087	0.25%	0.021%
46	5.096	5.079	5.115	VV	2456	29493	0.61%	0.051%
47	5.138	5.115	5.158	VV	2136	30367	0.63%	0.053%
48	5.178	5.158	5.238	VV	2515	42200	0.87%	0.073%
49	5.260	5.238	5.278	VV	1158	13194	0.27%	0.023%
50	5.293	5.278	5.315	VV	703	10590	0.22%	0.018%
51	5.326	5.315	5.335	VV	710	6891	0.14%	0.012%
52	5.353	5.335	5.366	VV	1334	16668	0.35%	0.029%
53	5.385	5.366	5.415	VV	3223	53163	1.10%	0.092%
54	5.435	5.415	5.452	VV	2832	38085	0.79%	0.066%
55	5.466	5.452	5.482	VV	3439	34407	0.71%	0.060%
56	5.496	5.482	5.538	VV	1720	24580	0.51%	0.043%
57	5.559	5.538	5.580	PV	1108	15697	0.33%	0.027%
58	5.599	5.580	5.611	VV	688	11401	0.24%	0.020%
59	5.621	5.611	5.648	VV	775	12398	0.26%	0.022%
60	5.672	5.648	5.685	VV	1506	22732	0.47%	0.040%
61	5.694	5.685	5.725	VV	1293	17182	0.36%	0.030%
62	5.737	5.725	5.745	VV	446	4887	0.10%	0.008%
63	5.759	5.745	5.778	VV	499	6737	0.14%	0.012%
64	5.815	5.778	5.833	VV	7703	82195	1.70%	0.143%
65	5.850	5.833	5.914	VV	4855	67998	1.41%	0.118%
66	5.924	5.914	5.963	VV	473	9455	0.20%	0.016%
67	5.973	5.963	5.986	VV	356	4147	0.09%	0.007%
68	6.011	5.986	6.034	VV	3375	44592	0.92%	0.078%
69	6.043	6.034	6.058	VV	882	8876	0.18%	0.015%
70	6.082	6.058	6.091	VV	1088	15159	0.31%	0.026%
71	6.112	6.091	6.126	VV	4775	57747	1.20%	0.100%
72	6.133	6.126	6.153	VV	2801	30222	0.63%	0.053%
73	6.168	6.153	6.193	VV	1842	26753	0.55%	0.047%
74	6.208	6.193	6.224	VV	1904	20285	0.42%	0.035%
75	6.249	6.224	6.278	VV	1003	21414	0.44%	0.037%
76	6.299	6.278	6.321	VV	1395	18581	0.38%	0.032%
77	6.357	6.321	6.374	VV	2310	38967	0.81%	0.068%
78	6.393	6.374	6.418	VV	4555	57488	1.19%	0.100%
79	6.428	6.418	6.468	VV	1514	28422	0.59%	0.049%
80	6.493	6.468	6.514	VV	2143	30046	0.62%	0.052%
81	6.533	6.514	6.571	VV	2646	58983	1.22%	0.103%
82	6.582	6.571	6.606	VV	1241	18714	0.39%	0.033%
83	6.623	6.606	6.640	VV	2083	24908	0.52%	0.043%
84	6.679	6.640	6.704	VV	1663	45061	0.93%	0.078%
85	6.734	6.704	6.750	VV	814	18507	0.38%	0.032%
86	6.769	6.750	6.788	VV	1217	20471	0.42%	0.036%
87	6.796	6.788	6.828	VV	1082	16382	0.34%	0.028%
88	6.850	6.828	6.901	VV	4155	57140	1.18%	0.099%
89	6.928	6.901	6.954	VV	1930	33384	0.69%	0.058%

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90	6.966	6.954	6.988	VV	1382	20774	0.43%	0.036%
91	7.004	6.988	7.031	VV	1957	23422	0.49%	0.041%
92	7.054	7.031	7.094	VV	1068	22005	0.46%	0.038%
93	7.104	7.094	7.117	VV	436	5025	0.10%	0.009%
94	7.138	7.117	7.161	VV	2231	28090	0.58%	0.049%
95	7.179	7.161	7.228	VV	2042	36330	0.75%	0.063%
96	7.262	7.228	7.286	VV	1794	28290	0.59%	0.049%
97	7.299	7.286	7.319	VV	685	8683	0.18%	0.015%
98	7.335	7.319	7.348	VV	531	6612	0.14%	0.011%
99	7.387	7.348	7.408	VV	1111	23396	0.48%	0.041%
100	7.428	7.408	7.458	VV	1710	24472	0.51%	0.043%
101	7.491	7.458	7.520	VV	2777	45325	0.94%	0.079%
102	7.534	7.520	7.555	VV	912	13166	0.27%	0.023%
103	7.575	7.555	7.608	VV	1582	24795	0.51%	0.043%
104	7.631	7.608	7.661	VV	3430	40102	0.83%	0.070%
105	7.675	7.661	7.684	VV	296	3647	0.08%	0.006%
106	7.699	7.684	7.721	VV	408	6743	0.14%	0.012%
107	7.734	7.721	7.777	VV	318	7681	0.16%	0.013%
108	7.801	7.777	7.833	VV	2403	27613	0.57%	0.048%
109	7.859	7.833	7.881	VV	354	7076	0.15%	0.012%
110	7.887	7.881	7.912	VV	254	4001	0.08%	0.007%
111	7.927	7.912	7.938	VV	113	1353	0.03%	0.002%
112	7.978	7.938	8.002	VV	515	7662	0.16%	0.013%
113	8.023	8.002	8.049	PV	514	7757	0.16%	0.013%
114	8.059	8.049	8.071	VV	143	1232	0.03%	0.002%
115	8.173	8.165	8.185	VV	185	1483	0.03%	0.003%
116	8.231	8.185	8.250	VV	912	17549	0.36%	0.031%
117	8.262	8.250	8.276	VV	508	6153	0.13%	0.011%
118	8.289	8.276	8.316	VV	703	8398	0.17%	0.015%
119	8.336	8.316	8.357	VV	356	4526	0.09%	0.008%
120	8.394	8.357	8.425	PV	767	15761	0.33%	0.027%
121	8.439	8.425	8.473	VV	461	7687	0.16%	0.013%
122	8.506	8.473	8.541	VV	1265	24653	0.51%	0.043%
123	8.613	8.541	8.630	VV	2072	46541	0.96%	0.081%
124	8.641	8.630	8.652	VV	1030	10978	0.23%	0.019%
125	8.684	8.652	8.721	VV	2839	57140	1.18%	0.099%
126	8.731	8.721	8.746	VV	300	3444	0.07%	0.006%
127	8.802	8.746	8.875	VV	8308	133816	2.77%	0.233%
128	8.891	8.875	8.912	VV	414	5637	0.12%	0.010%
129	8.930	8.912	8.955	VV	182	3164	0.07%	0.006%
130	9.053	9.033	9.081	VV	712	15007	0.31%	0.026%
131	9.101	9.081	9.119	VV	1895	25012	0.52%	0.043%
132	9.160	9.119	9.211	VV	4208	111320	2.31%	0.194%
133	9.227	9.211	9.275	VV	1166	23407	0.48%	0.041%
134	9.298	9.275	9.308	VV	637	10003	0.21%	0.017%
135	9.314	9.308	9.328	VV	590	5929	0.12%	0.010%
136	9.343	9.328	9.359	VV	645	9551	0.20%	0.017%
137	9.377	9.359	9.392	VV	1147	14390	0.30%	0.025%
138	9.418	9.392	9.458	VV	2887	54881	1.14%	0.095%
139	9.464	9.458	9.492	VV	512	7729	0.16%	0.013%
140	9.515	9.492	9.536	VV	1854	23938	0.50%	0.042%
141	9.554	9.536	9.591	VV	1013	15367	0.32%	0.027%

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142	9.611	9.591	9.641	VV	542	8134	0.17%	0.014%
143	9.670	9.641	9.688	VV	811	12142	0.25%	0.021%
144	9.704	9.688	9.728	VV	977	12100	0.25%	0.021%
145	9.756	9.728	9.782	VV	1045	16014	0.33%	0.028%
146	9.807	9.782	9.832	VV	607	8866	0.18%	0.015%
147	9.852	9.832	9.869	PV	934	10669	0.22%	0.019%
148	9.892	9.869	9.948	VV	2231	44676	0.93%	0.078%
149	9.972	9.948	10.005	VV	2125	39656	0.82%	0.069%
150	10.038	10.005	10.063	VV	1909	35100	0.73%	0.061%
151	10.074	10.063	10.090	VV	629	8737	0.18%	0.015%
152	10.104	10.090	10.128	VV	672	10033	0.21%	0.017%
153	10.171	10.128	10.196	VV	68458	702576	14.55%	1.222%
154	10.213	10.196	10.258	VV	1850	39409	0.82%	0.069%
155	10.267	10.258	10.281	VV	397	5020	0.10%	0.009%
156	10.321	10.281	10.363	VV	2372	55534	1.15%	0.097%
157	10.383	10.363	10.433	VV	420	11532	0.24%	0.020%
158	10.477	10.433	10.505	VV	409	10180	0.21%	0.018%
159	10.517	10.505	10.545	VV	198	2793	0.06%	0.005%
160	10.552	10.545	10.571	PV	107	973	0.02%	0.002%
161	10.584	10.571	10.621	PV	198	3755	0.08%	0.007%
162	10.648	10.621	10.678	VV	11385	121235	2.51%	0.211%
163	10.693	10.678	10.710	VV	697	9559	0.20%	0.017%
164	10.742	10.710	10.766	VV	4653	74973	1.55%	0.130%
165	10.778	10.766	10.803	VV	1801	24823	0.51%	0.043%
166	10.821	10.803	10.855	VV	1130	19956	0.41%	0.035%
167	10.899	10.855	10.929	VV	1365	31799	0.66%	0.055%
168	10.949	10.929	10.986	VV	1805	33396	0.69%	0.058%
169	10.994	10.986	11.008	VV	677	7470	0.15%	0.013%
170	11.043	11.008	11.055	VV	1782	30030	0.62%	0.052%
171	11.067	11.055	11.083	VV	1882	22201	0.46%	0.039%
172	11.105	11.083	11.138	VV	2237	42324	0.88%	0.074%
173	11.149	11.138	11.165	VV	679	9545	0.20%	0.017%
174	11.199	11.165	11.218	VV	1067	20399	0.42%	0.035%
175	11.238	11.218	11.254	VV	546	8277	0.17%	0.014%
176	11.304	11.254	11.345	VV	27425	295064	6.11%	0.513%
177	11.379	11.345	11.418	VV	17934	215818	4.47%	0.375%
178	11.440	11.418	11.459	VV	4195	58817	1.22%	0.102%
179	11.473	11.459	11.534	VV	2160	42052	0.87%	0.073%
180	11.552	11.534	11.568	VV	521	7780	0.16%	0.014%
181	11.590	11.568	11.634	VV	1748	29015	0.60%	0.050%
182	11.678	11.634	11.697	VV	1785	31747	0.66%	0.055%
183	11.710	11.697	11.731	VV	1269	21610	0.45%	0.038%
184	11.748	11.731	11.769	VV	1795	25463	0.53%	0.044%
185	11.840	11.769	11.874	VV	2392	63682	1.32%	0.111%
186	11.906	11.874	11.927	PV	1956	25504	0.53%	0.044%
187	11.956	11.927	11.977	VV	1454	24930	0.52%	0.043%
188	11.998	11.977	12.018	VV	883	13565	0.28%	0.024%
189	12.076	12.018	12.101	VV	449120	4828161	100.00%	8.394%
190	12.111	12.101	12.125	VV	7823	77578	1.61%	0.135%
191	12.141	12.125	12.185	VV	10604	143104	2.96%	0.249%
192	12.208	12.185	12.216	VV	6672	71497	1.48%	0.124%
193	12.227	12.216	12.245	VV	7593	85096	1.76%	0.148%
194	12.261	12.245	12.275	VV	6254	71193	1.47%	0.124%

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195	12.291	12.275	12.319	VV	7707	93744	1.94%	0.163%
196	12.362	12.319	12.384	PV	660	9925	0.21%	0.017%
197	12.421	12.384	12.445	VV	2199	36120	0.75%	0.063%
198	12.465	12.445	12.485	VV	2224	29798	0.62%	0.052%
199	12.501	12.485	12.561	VV	1345	38018	0.79%	0.066%
200	12.582	12.561	12.626	VV	5278	75528	1.56%	0.131%
201	12.667	12.626	12.710	VV	43253	538270	11.15%	0.936%
202	12.730	12.710	12.747	VV	2293	43165	0.89%	0.075%
203	12.760	12.747	12.770	VV	1987	22603	0.47%	0.039%
204	12.788	12.770	12.821	VV	3595	64606	1.34%	0.112%
205	12.836	12.821	12.846	VV	1910	24125	0.50%	0.042%
206	12.857	12.846	12.881	VV	1908	28826	0.60%	0.050%
207	12.904	12.881	12.941	VV	3951	76117	1.58%	0.132%
208	12.964	12.941	12.993	VV	3729	67996	1.41%	0.118%
209	13.014	12.993	13.033	VV	9885	127661	2.64%	0.222%
210	13.055	13.033	13.098	VV	5411	147146	3.05%	0.256%
211	13.132	13.098	13.179	VV	105087	1196844	24.79%	2.081%
212	13.190	13.179	13.208	VV	431	4536	0.09%	0.008%
213	13.231	13.208	13.240	VV	823	10313	0.21%	0.018%
214	13.269	13.240	13.303	VV	5288	106191	2.20%	0.185%
215	13.322	13.303	13.359	VV	4790	96594	2.00%	0.168%
216	13.371	13.359	13.401	VV	2187	40888	0.85%	0.071%
217	13.432	13.401	13.456	VV	91493	1038118	21.50%	1.805%
218	13.466	13.456	13.471	VV	4170	33031	0.68%	0.057%
219	13.513	13.471	13.548	VV	330939	4029279	83.45%	7.005%
220	13.570	13.548	13.584	VV	1578	23776	0.49%	0.041%
221	13.604	13.584	13.619	VV	4005	49461	1.02%	0.086%
222	13.630	13.619	13.655	VV	2495	30968	0.64%	0.054%
223	13.699	13.655	13.742	PV	7155	146701	3.04%	0.255%
224	13.764	13.742	13.794	VV	4276	73148	1.52%	0.127%
225	13.829	13.794	13.846	VV	5179	77057	1.60%	0.134%
226	13.857	13.846	13.867	VV	2728	31887	0.66%	0.055%
227	13.900	13.867	13.965	VV	12870	299401	6.20%	0.521%
228	14.020	13.965	14.061	VV	23754	408141	8.45%	0.710%
229	14.089	14.061	14.105	VV	3367	54514	1.13%	0.095%
230	14.129	14.105	14.150	VV	11171	157572	3.26%	0.274%
231	14.170	14.150	14.192	VV	11147	144297	2.99%	0.251%
232	14.215	14.192	14.234	VV	3977	66594	1.38%	0.116%
233	14.263	14.234	14.281	VV	6126	120726	2.50%	0.210%
234	14.300	14.281	14.322	VV	11523	165581	3.43%	0.288%
235	14.341	14.322	14.377	VV	9132	134365	2.78%	0.234%
236	14.399	14.377	14.433	VV	3536	82964	1.72%	0.144%
237	14.450	14.433	14.475	VV	1854	36613	0.76%	0.064%
238	14.504	14.475	14.541	VV	2143	61740	1.28%	0.107%
239	14.551	14.541	14.590	VV	1297	26691	0.55%	0.046%
240	14.608	14.590	14.630	VV	1817	28162	0.58%	0.049%
241	14.658	14.630	14.677	VV	1948	37180	0.77%	0.065%
242	14.718	14.677	14.741	VV	6247	150724	3.12%	0.262%
243	14.757	14.741	14.799	VV	11217	185038	3.83%	0.322%
244	14.833	14.799	14.845	VV	4231	86910	1.80%	0.151%
245	14.860	14.845	14.905	VV	4715	108914	2.26%	0.189%
246	14.939	14.905	14.959	VV	11369	211064	4.37%	0.367%

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247	14.967	14.959	14.980	VV	4559	50507	1.05%	0.088%
248	15.003	14.980	15.025	VV	20661	281700	5.83%	0.490%
249	15.059	15.025	15.095	VV	11343	230671	4.78%	0.401%
250	15.127	15.095	15.138	VV	2909	52542	1.09%	0.091%
251	15.187	15.138	15.236	VV	6481	190341	3.94%	0.331%
252	15.267	15.236	15.285	VV	4780	69446	1.44%	0.121%
253	15.314	15.285	15.333	VV	77610	936888	19.40%	1.629%
254	15.355	15.333	15.386	VV	77731	1083150	22.43%	1.883%
255	15.403	15.386	15.431	VV	3243	54538	1.13%	0.095%
256	15.477	15.431	15.531	VV	15944	322478	6.68%	0.561%
257	15.551	15.531	15.588	VV	5239	82585	1.71%	0.144%
258	15.617	15.588	15.640	VV	5291	106664	2.21%	0.185%
259	15.656	15.640	15.703	VV	6487	147360	3.05%	0.256%
260	15.750	15.703	15.822	VV	26029	505816	10.48%	0.879%
261	15.832	15.822	15.840	VV	871	8723	0.18%	0.015%
262	15.892	15.840	15.924	VV	3545	100758	2.09%	0.175%
263	15.946	15.924	15.962	VV	5462	78125	1.62%	0.136%
264	15.989	15.962	16.009	VV	22424	300062	6.21%	0.522%
265	16.026	16.009	16.048	VV	10640	136371	2.82%	0.237%
266	16.071	16.048	16.087	VV	5035	77120	1.60%	0.134%
267	16.102	16.087	16.110	VV	3471	40653	0.84%	0.071%
268	16.149	16.110	16.185	VV	11957	321023	6.65%	0.558%
269	16.228	16.185	16.253	VV	6698	120143	2.49%	0.209%
270	16.270	16.253	16.290	VV	1895	29231	0.61%	0.051%
271	16.311	16.290	16.328	VV	4887	63936	1.32%	0.111%
272	16.341	16.328	16.364	VV	3190	39864	0.83%	0.069%
273	16.405	16.364	16.443	VV	3992	100463	2.08%	0.175%
274	16.458	16.443	16.475	VV	516	6064	0.13%	0.011%
275	16.491	16.475	16.501	VV	588	6997	0.14%	0.012%
276	16.518	16.501	16.535	VV	947	9974	0.21%	0.017%
277	16.549	16.535	16.559	PV	579	5207	0.11%	0.009%
278	16.598	16.559	16.616	VV	5787	95012	1.97%	0.165%
279	16.627	16.616	16.641	VV	2830	28743	0.60%	0.050%
280	16.660	16.641	16.678	VV	5467	70138	1.45%	0.122%
281	16.701	16.678	16.724	VV	3889	79727	1.65%	0.139%
282	16.801	16.724	16.828	VV	8698	258781	5.36%	0.450%
283	16.879	16.828	16.942	PV	109025	2010535	41.64%	3.496%
284	16.960	16.942	16.980	VV	1885	29651	0.61%	0.052%
285	17.008	16.980	17.029	VV	23370	287551	5.96%	0.500%
286	17.044	17.029	17.084	VV	5080	83713	1.73%	0.146%
287	17.099	17.084	17.108	VV	1338	15063	0.31%	0.026%
288	17.129	17.108	17.144	VV	4665	62732	1.30%	0.109%
289	17.200	17.144	17.227	VV	67111	1212891	25.12%	2.109%
290	17.258	17.227	17.301	VV	94344	1161914	24.07%	2.020%
291	17.358	17.301	17.386	VV	27509	402283	8.33%	0.699%
292	17.403	17.386	17.440	VV	5305	109699	2.27%	0.191%
293	17.501	17.440	17.547	VV	8089	265526	5.50%	0.462%
294	17.561	17.547	17.580	VV	3016	36471	0.76%	0.063%
295	17.622	17.580	17.651	VV	13305	298537	6.18%	0.519%
296	17.661	17.651	17.689	VV	5992	79307	1.64%	0.138%
297	17.717	17.689	17.733	VV	3820	56193	1.16%	0.098%
298	17.758	17.733	17.769	VV	7159	106533	2.21%	0.185%
299	17.785	17.769	17.819	VV	8183	153557	3.18%	0.267%

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300	17.843	17.819	17.861	VV	5681	84753	1.76%	0.147%
301	17.872	17.861	17.892	VV	3822	53321	1.10%	0.093%
302	17.916	17.892	17.942	VV	8387	140202	2.90%	0.244%
303	17.955	17.942	17.995	VV	3180	55439	1.15%	0.096%
304	18.032	17.995	18.079	VV	2939	66349	1.37%	0.115%
305	18.101	18.079	18.148	VV	1446	18582	0.38%	0.032%
306	18.232	18.148	18.275	PV	6350	232719	4.82%	0.405%
307	18.321	18.275	18.334	VV	3949	94140	1.95%	0.164%
308	18.354	18.334	18.372	VV	6337	98358	2.04%	0.171%
309	18.394	18.372	18.408	VV	7141	106587	2.21%	0.185%
310	18.419	18.408	18.448	VV	6362	107386	2.22%	0.187%
311	18.473	18.448	18.503	VV	5671	97018	2.01%	0.169%
312	18.538	18.503	18.574	VV	19726	360838	7.47%	0.627%
313	18.591	18.574	18.604	VV	10652	145599	3.02%	0.253%
314	18.629	18.604	18.653	VV	70937	987917	20.46%	1.718%
315	18.668	18.653	18.697	VV	15549	278294	5.76%	0.484%
316	18.712	18.697	18.734	VV	7294	107450	2.23%	0.187%
317	18.762	18.734	18.777	VV	19598	280010	5.80%	0.487%
318	18.793	18.777	18.855	VV	17570	313102	6.48%	0.544%
319	18.885	18.855	18.911	PV	73992	876169	18.15%	1.523%
320	18.921	18.911	18.933	VV	3128	33931	0.70%	0.059%
321	18.966	18.933	18.986	VV	7305	140404	2.91%	0.244%
322	19.014	18.986	19.043	VV	23946	340649	7.06%	0.592%
323	19.070	19.043	19.091	VV	4339	75720	1.57%	0.132%
324	19.110	19.091	19.152	VV	3712	80912	1.68%	0.141%
325	19.191	19.152	19.215	VV	5741	126353	2.62%	0.220%
326	19.243	19.215	19.253	VV	2752	57322	1.19%	0.100%
327	19.316	19.253	19.336	VV	7127	216811	4.49%	0.377%
328	19.358	19.336	19.377	VV	5047	104707	2.17%	0.182%
329	19.422	19.377	19.443	VV	10560	302314	6.26%	0.526%
330	19.483	19.443	19.508	VV	8332	272311	5.64%	0.473%
331	19.561	19.508	19.623	VV	8890	345992	7.17%	0.602%
332	19.673	19.623	19.701	VV	5869	183250	3.80%	0.319%
333	19.731	19.701	19.757	VV	5034	141604	2.93%	0.246%
334	19.771	19.757	19.788	VV	4143	66022	1.37%	0.115%
335	19.854	19.788	19.878	VV	6462	240939	4.99%	0.419%
336	19.900	19.878	19.919	VV	6958	142000	2.94%	0.247%
337	19.931	19.919	19.943	VV	5731	81051	1.68%	0.141%
338	19.970	19.943	20.003	VV	11447	263551	5.46%	0.458%
339	20.041	20.003	20.069	VV	33423	645940	13.38%	1.123%
340	20.108	20.069	20.138	VV	30275	719529	14.90%	1.251%
341	20.159	20.138	20.179	VV	13893	287324	5.95%	0.500%
342	20.197	20.179	20.216	VV	13939	271370	5.62%	0.472%
343	20.232	20.216	20.265	VV	11940	274276	5.68%	0.477%
344	20.293	20.265	20.300	VV	8872	164923	3.42%	0.287%
345	20.324	20.300	20.351	VV	14224	323116	6.69%	0.562%
346	20.419	20.351	20.448	VV	38560	1099479	22.77%	1.912%
347	20.485	20.448	20.531	VV	20837	740889	15.35%	1.288%
348	20.561	20.531	20.585	VV	18657	461909	9.57%	0.803%
349	20.595	20.585	20.624	VV	12464	277467	5.75%	0.482%
350	20.643	20.624	20.658	VV	11448	230757	4.78%	0.401%
351	20.687	20.658	20.722	VV	13305	457727	9.48%	0.796%

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352	20.763	20.722	20.818	VV	13751	669603	13.87%	1.164%
353	20.847	20.818	20.872	VV	12716	381417	7.90%	0.663%
354	20.906	20.872	20.922	VV	12133	353525	7.32%	0.615%
355	20.939	20.922	20.952	VV	11943	215972	4.47%	0.375%
356	20.964	20.952	21.025	VV	11863	462278	9.57%	0.804%
357	21.073	21.025	21.085	VV	11270	374145	7.75%	0.651%
358	21.091	21.085	21.105	VV	11353	132241	2.74%	0.230%
359	21.119	21.105	21.163	VV	11065	368735	7.64%	0.641%
360	21.179	21.163	21.225	VV	10124	360736	7.47%	0.627%
361	21.231	21.225	21.259	VV	9442	189002	3.91%	0.329%
362	21.276	21.259	21.300	VV	9035	220952	4.58%	0.384%
363	21.321	21.300	21.349	VV	8617	244525	5.06%	0.425%
364	21.372	21.349	21.421	VV	8587	333774	6.91%	0.580%
365	21.461	21.421	21.537	VV	10311	546296	11.31%	0.950%
366	21.572	21.537	21.602	VV	7612	243642	5.05%	0.424%
367	21.645	21.602	21.655	VV	6286	183773	3.81%	0.320%
368	21.687	21.655	21.721	VV	8232	272825	5.65%	0.474%
369	21.772	21.721	21.808	VV	7740	324148	6.71%	0.564%
370	21.867	21.808	21.895	VV	16622	575941	11.93%	1.001%
371	21.904	21.895	22.013	VV	9369	411192	8.52%	0.715%
372	22.041	22.013	22.065	VV	6146	152719	3.16%	0.266%
373	22.091	22.065	22.138	VV	6429	173729	3.60%	0.302%
374	22.185	22.138	22.227	VV	9726	244784	5.07%	0.426%
375	22.273	22.227	22.304	VV	9371	234127	4.85%	0.407%
376	22.327	22.304	22.352	VV	5141	114665	2.37%	0.199%
377	22.379	22.352	22.403	VV	5669	123557	2.56%	0.215%
378	22.422	22.403	22.458	VV	3858	73310	1.52%	0.127%

Sum of corrected areas: 57516532

Aliphatic EPH 062725.M Thu Jul 03 05:40:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Operator : YP\AJ
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX3

Integration File: autoint1.e
Quant Time: Jul 03 05:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	6088770	37.494 ug/ml
Spiked Amount 50.000		Recovery =	74.99%
12) S 1-chlorooctadecane (S...	13.513	4831316	38.255 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
Target Compounds			

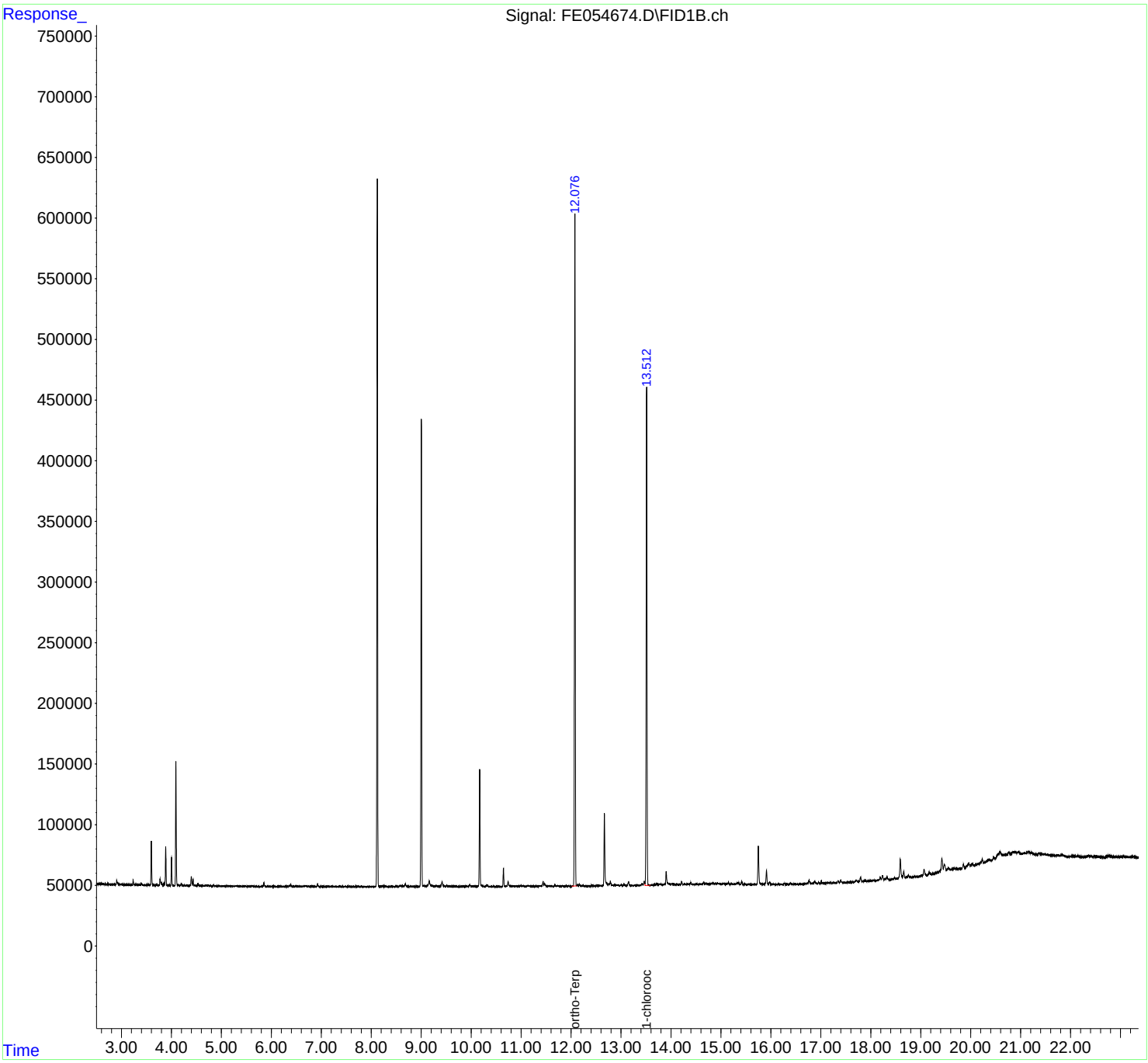
(f)=RT Delta > 1/2 Window (m)=manual int.

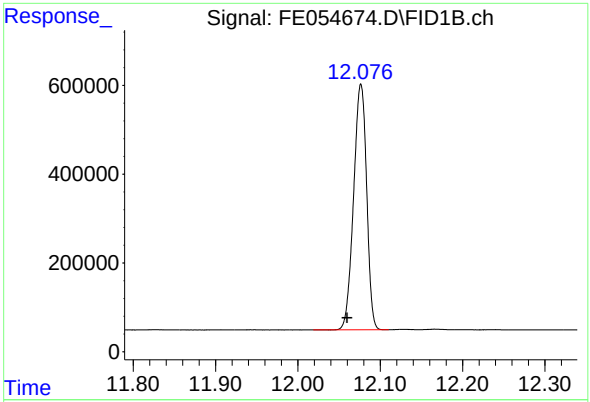
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Operator : YP\AJ
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX3

Integration File: autoint1.e
Quant Time: Jul 03 05:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

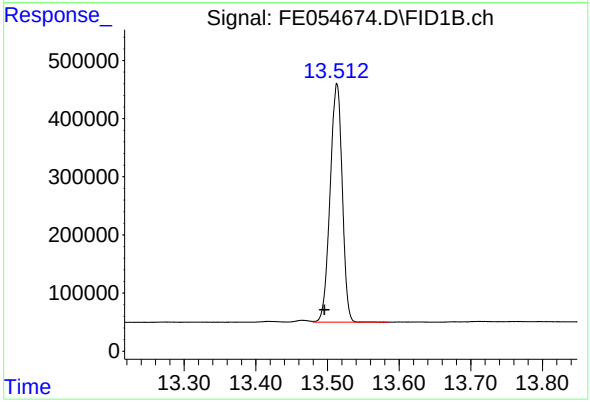




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 6088770
Conc: 37.49 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX3



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.017 min
Response: 4831316
Conc: 38.25 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.804	2.869	BV	316	4296	0.07%	0.014%
2	2.877	2.869	2.887	VV	63	620	0.01%	0.002%
3	2.906	2.887	2.980	PV	3132	50535	0.83%	0.167%
4	2.996	2.980	3.015	VV	349	5976	0.10%	0.020%
5	3.029	3.015	3.081	VV	621	8617	0.14%	0.029%
6	3.106	3.081	3.144	PV	169	3646	0.06%	0.012%
7	3.155	3.144	3.191	VV	128	1723	0.03%	0.006%
8	3.234	3.191	3.264	VV	3409	38577	0.63%	0.128%
9	3.288	3.264	3.378	VV	699	18489	0.30%	0.061%
10	3.395	3.378	3.484	VV	1649	20093	0.33%	0.066%
11	3.501	3.484	3.510	VV	173	1562	0.03%	0.005%
12	3.528	3.510	3.573	VV	753	12375	0.20%	0.041%
13	3.598	3.573	3.683	VV	36322	336428	5.51%	1.113%
14	3.702	3.683	3.746	PV	777	9646	0.16%	0.032%
15	3.772	3.746	3.797	VV	5382	67187	1.10%	0.222%
16	3.806	3.797	3.833	VV	2139	24154	0.40%	0.080%
17	3.852	3.833	3.864	VV	1886	18610	0.30%	0.062%
18	3.886	3.864	3.961	VV	31621	291881	4.78%	0.966%
19	4.002	3.961	4.044	VV	23278	207092	3.39%	0.685%
20	4.090	4.044	4.178	PV	101591	945577	15.49%	3.129%
21	4.197	4.178	4.236	VV	1927	24438	0.40%	0.081%
22	4.246	4.236	4.292	VV	242	7467	0.12%	0.025%
23	4.321	4.292	4.358	VV	281	7986	0.13%	0.026%
24	4.365	4.358	4.374	VV	146	1386	0.02%	0.005%
25	4.398	4.374	4.418	VV	7566	89030	1.46%	0.295%
26	4.434	4.418	4.488	VV	5584	59737	0.98%	0.198%
27	4.499	4.488	4.508	VV	267	2839	0.05%	0.009%
28	4.532	4.508	4.549	VV	2397	24974	0.41%	0.083%
29	4.559	4.549	4.614	VV	673	11733	0.19%	0.039%
30	4.620	4.614	4.658	VV	207	3944	0.06%	0.013%
31	4.693	4.658	4.710	VV	660	13566	0.22%	0.045%
32	4.739	4.710	4.760	VV	708	12251	0.20%	0.041%
33	4.774	4.760	4.794	VV	300	4197	0.07%	0.014%
34	4.800	4.794	4.823	VV	209	2304	0.04%	0.008%
35	4.844	4.823	4.888	VV	1016	10951	0.18%	0.036%
36	4.899	4.888	4.934	PV	139	3152	0.05%	0.010%

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37	4.954	4.934	5.018	VV	531	7416	0.12%	0.025%
38	5.047	5.018	5.124	VV	156	7062	0.12%	0.023%
39	5.137	5.124	5.162	PV	120	1748	0.03%	0.006%
40	5.174	5.162	5.194	VV	128	1260	0.02%	0.004%
41	5.210	5.194	5.222	VV	216	2191	0.04%	0.007%
42	5.228	5.222	5.238	VV	171	908	0.01%	0.003%
43	5.263	5.238	5.272	VV	141	2044	0.03%	0.007%
44	5.311	5.272	5.322	VV	274	4967	0.08%	0.016%
45	5.338	5.322	5.372	VV	308	4580	0.08%	0.015%
46	5.394	5.372	5.451	VV	355	5390	0.09%	0.018%
47	5.468	5.451	5.477	VV	140	1476	0.02%	0.005%
48	5.500	5.477	5.536	VV	170	3051	0.05%	0.010%
49	5.560	5.536	5.602	PV	258	4533	0.07%	0.015%
50	5.622	5.602	5.686	VV	506	8818	0.14%	0.029%
51	5.701	5.686	5.720	VV	182	1470	0.02%	0.005%
52	5.732	5.720	5.744	VV	85	983	0.02%	0.003%
53	5.752	5.744	5.793	VV	120	1735	0.03%	0.006%
54	5.815	5.793	5.831	PV	303	3459	0.06%	0.011%
55	5.851	5.831	5.909	VV	3431	36638	0.60%	0.121%
56	5.926	5.909	6.026	VV	387	8380	0.14%	0.028%
57	6.075	6.026	6.102	PV	195	4523	0.07%	0.015%
58	6.117	6.102	6.181	VV	209	4870	0.08%	0.016%
59	6.191	6.181	6.215	VV	243	2827	0.05%	0.009%
60	6.243	6.215	6.310	VV	280	7050	0.12%	0.023%
61	6.362	6.310	6.375	VV	943	15891	0.26%	0.053%
62	6.391	6.375	6.418	VV	1474	19333	0.32%	0.064%
63	6.446	6.418	6.471	VV	233	5963	0.10%	0.020%
64	6.490	6.471	6.528	VV	421	10055	0.16%	0.033%
65	6.560	6.528	6.607	VV	494	14986	0.25%	0.050%
66	6.644	6.607	6.666	VV	426	11701	0.19%	0.039%
67	6.686	6.666	6.729	VV	905	17554	0.29%	0.058%
68	6.742	6.729	6.758	VV	325	4912	0.08%	0.016%
69	6.792	6.758	6.805	VV	318	7067	0.12%	0.023%
70	6.850	6.805	6.898	VV	393	14093	0.23%	0.047%
71	6.927	6.898	7.034	VV	2420	32948	0.54%	0.109%
72	7.061	7.034	7.099	VV	203	3110	0.05%	0.010%
73	7.109	7.099	7.126	PV	104	1500	0.02%	0.005%
74	7.136	7.126	7.179	VV	159	3435	0.06%	0.011%
75	7.185	7.179	7.199	VV	118	905	0.01%	0.003%
76	7.211	7.199	7.249	VV	163	1435	0.02%	0.005%
77	7.271	7.249	7.339	PV	94	2696	0.04%	0.009%
78	7.385	7.339	7.411	VV	264	7211	0.12%	0.024%
79	7.418	7.411	7.449	VV	241	3969	0.07%	0.013%
80	7.486	7.449	7.515	VV	219	6689	0.11%	0.022%
81	7.542	7.515	7.562	VV	338	6667	0.11%	0.022%
82	7.578	7.562	7.611	VV	236	3741	0.06%	0.012%
83	7.667	7.611	7.696	VV	246	7713	0.13%	0.026%
84	7.703	7.696	7.721	VV	191	2476	0.04%	0.008%
85	7.746	7.721	7.788	VV	186	5461	0.09%	0.018%
86	7.800	7.788	7.843	VV	248	3646	0.06%	0.012%
87	7.861	7.843	7.898	VV	173	2506	0.04%	0.008%
88	7.942	7.898	8.032	PV	97	3584	0.06%	0.012%
89	8.229	8.193	8.251	VV	677	13037	0.21%	0.043%

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90	8.262	8.251	8.278	VV	577	6231	0.10%	0.021%
91	8.289	8.278	8.324	VV	415	5832	0.10%	0.019%
92	8.337	8.324	8.361	VV	110	1540	0.03%	0.005%
93	8.408	8.361	8.421	VV	157	4120	0.07%	0.014%
94	8.434	8.421	8.447	VV	163	1553	0.03%	0.005%
95	8.459	8.447	8.480	VV	149	1742	0.03%	0.006%
96	8.506	8.480	8.524	VV	228	3793	0.06%	0.013%
97	8.583	8.524	8.644	VV	860	34096	0.56%	0.113%
98	8.684	8.644	8.754	VV	1990	43960	0.72%	0.145%
99	8.826	8.754	8.864	VV	389	15801	0.26%	0.052%
100	8.879	8.864	8.894	VV	182	2033	0.03%	0.007%
101	8.921	8.894	8.952	VV	214	4427	0.07%	0.015%
102	9.056	9.033	9.081	VV	601	14758	0.24%	0.049%
103	9.161	9.081	9.215	VV	4281	121901	2.00%	0.403%
104	9.223	9.215	9.261	VV	750	14762	0.24%	0.049%
105	9.299	9.261	9.332	VV	753	19938	0.33%	0.066%
106	9.417	9.332	9.486	VV	3766	91029	1.49%	0.301%
107	9.514	9.486	9.542	VV	943	17728	0.29%	0.059%
108	9.555	9.542	9.595	VV	402	8978	0.15%	0.030%
109	9.615	9.595	9.624	VV	207	3311	0.05%	0.011%
110	9.632	9.624	9.637	VV	213	1345	0.02%	0.004%
111	9.655	9.637	9.684	VV	273	5683	0.09%	0.019%
112	9.702	9.684	9.751	VV	326	7758	0.13%	0.026%
113	9.758	9.751	9.788	VV	152	2337	0.04%	0.008%
114	9.798	9.788	9.831	VV	108	1893	0.03%	0.006%
115	9.848	9.831	9.861	VV	216	2114	0.03%	0.007%
116	9.899	9.861	9.921	VV	499	9987	0.16%	0.033%
117	9.972	9.921	10.011	VV	1607	36077	0.59%	0.119%
118	10.016	10.011	10.038	VV	396	5472	0.09%	0.018%
119	10.059	10.038	10.109	VV	324	10757	0.18%	0.036%
120	10.171	10.109	10.280	VV	96790	1017022	16.66%	3.365%
121	10.299	10.280	10.307	VV	662	7172	0.12%	0.024%
122	10.322	10.307	10.390	VV	1421	20318	0.33%	0.067%
123	10.408	10.390	10.428	VV	200	2742	0.04%	0.009%
124	10.462	10.428	10.534	VV	234	7040	0.12%	0.023%
125	10.564	10.534	10.587	VV	90	1264	0.02%	0.004%
126	10.598	10.587	10.613	PV	41	540	0.01%	0.002%
127	10.647	10.613	10.677	VV	15011	152926	2.51%	0.506%
128	10.740	10.677	10.816	VV	4160	78642	1.29%	0.260%
129	10.848	10.816	10.881	VV	323	10532	0.17%	0.035%
130	10.890	10.881	10.914	VV	280	4167	0.07%	0.014%
131	10.943	10.914	10.959	VV	322	6953	0.11%	0.023%
132	10.969	10.959	10.977	VV	281	2746	0.04%	0.009%
133	10.996	10.977	11.012	VV	643	8608	0.14%	0.028%
134	11.040	11.012	11.092	VV	712	13999	0.23%	0.046%
135	11.144	11.092	11.168	VV	631	13187	0.22%	0.044%
136	11.185	11.168	11.217	VV	367	5510	0.09%	0.018%
137	11.302	11.217	11.342	VV	416	12947	0.21%	0.043%
138	11.440	11.342	11.458	VV	4132	68860	1.13%	0.228%
139	11.471	11.458	11.546	VV	2167	42210	0.69%	0.140%
140	11.564	11.546	11.587	VV	276	5948	0.10%	0.020%
141	11.603	11.587	11.654	VV	244	6888	0.11%	0.023%

rteres

142	11.679	11.654	11.711	VV	1572	22945	0.38%	0.076%
143	11.748	11.711	11.777	VV	582	13026	0.21%	0.043%
144	11.791	11.777	11.800	VV	112	1012	0.02%	0.003%
145	11.826	11.800	11.884	VV	560	10105	0.17%	0.033%
146	11.911	11.884	11.930	PV	249	3814	0.06%	0.013%
147	11.945	11.930	11.977	VV	318	4603	0.08%	0.015%
148	11.989	11.977	12.004	VV	131	1355	0.02%	0.004%
149	12.027	12.004	12.041	VV	134	2805	0.05%	0.009%
150	12.076	12.041	12.109	VV	555480	6103073	100.00%	20.196%
151	12.128	12.109	12.147	VV	1230	19029	0.31%	0.063%
152	12.167	12.147	12.194	VV	1636	25764	0.42%	0.085%
153	12.204	12.194	12.219	VV	564	6011	0.10%	0.020%
154	12.238	12.219	12.257	VV	493	7052	0.12%	0.023%
155	12.270	12.257	12.284	VV	130	1779	0.03%	0.006%
156	12.294	12.284	12.334	VV	144	1775	0.03%	0.006%
157	12.360	12.334	12.380	VV	78	2007	0.03%	0.007%
158	12.412	12.380	12.449	PV	573	11414	0.19%	0.038%
159	12.468	12.449	12.485	VV	257	3131	0.05%	0.010%
160	12.519	12.485	12.541	VV	461	9566	0.16%	0.032%
161	12.580	12.541	12.617	VV	466	17707	0.29%	0.059%
162	12.667	12.617	12.738	VV	60034	736701	12.07%	2.438%
163	12.757	12.738	12.769	VV	2100	30310	0.50%	0.100%
164	12.787	12.769	12.839	VV	3753	73118	1.20%	0.242%
165	12.871	12.839	12.888	VV	859	22896	0.38%	0.076%
166	12.902	12.888	12.917	VV	814	12361	0.20%	0.041%
167	12.940	12.917	12.978	VV	915	21399	0.35%	0.071%
168	13.002	12.978	13.032	VV	988	18444	0.30%	0.061%
169	13.060	13.032	13.109	VV	1152	25679	0.42%	0.085%
170	13.149	13.109	13.196	VV	3091	61502	1.01%	0.204%
171	13.211	13.196	13.251	VV	359	8442	0.14%	0.028%
172	13.274	13.251	13.296	VV	608	11169	0.18%	0.037%
173	13.319	13.296	13.361	VV	480	13524	0.22%	0.045%
174	13.419	13.361	13.443	VV	1639	38688	0.63%	0.128%
175	13.466	13.443	13.480	VV	3630	48943	0.80%	0.162%
176	13.513	13.480	13.548	VV	413791	4837886	79.27%	16.009%
177	13.559	13.548	13.584	VV	643	11033	0.18%	0.037%
178	13.601	13.584	13.618	VV	551	9732	0.16%	0.032%
179	13.629	13.618	13.652	VV	574	9455	0.15%	0.031%
180	13.677	13.652	13.694	VV	928	16672	0.27%	0.055%
181	13.715	13.694	13.744	VV	1480	36756	0.60%	0.122%
182	13.764	13.744	13.782	VV	1324	26892	0.44%	0.089%
183	13.797	13.782	13.838	VV	1266	34851	0.57%	0.115%
184	13.850	13.838	13.861	VV	872	11528	0.19%	0.038%
185	13.905	13.861	13.994	VV	11718	219648	3.60%	0.727%
186	14.018	13.994	14.048	VV	1698	38918	0.64%	0.129%
187	14.123	14.048	14.151	VV	1063	52629	0.86%	0.174%
188	14.168	14.151	14.181	VV	822	13293	0.22%	0.044%
189	14.216	14.181	14.244	VV	3121	55268	0.91%	0.183%
190	14.265	14.244	14.298	VV	1293	31302	0.51%	0.104%
191	14.339	14.298	14.364	VV	993	37373	0.61%	0.124%
192	14.395	14.364	14.438	VV	2630	57569	0.94%	0.191%
193	14.490	14.438	14.540	VV	1047	53608	0.88%	0.177%
194	14.577	14.540	14.592	VV	877	26069	0.43%	0.086%

rteres

195	14.601	14.592	14.610	VV	865	8788	0.14%	0.029%
196	14.655	14.610	14.681	VV	2405	58673	0.96%	0.194%
197	14.704	14.681	14.745	VV	1808	44606	0.73%	0.148%
198	14.757	14.745	14.783	VV	1027	21925	0.36%	0.073%
199	14.812	14.783	14.820	VV	1398	25253	0.41%	0.084%
200	14.841	14.820	14.874	VV	1835	43472	0.71%	0.144%
201	14.894	14.874	14.916	VV	1522	30853	0.51%	0.102%
202	14.954	14.916	14.978	VV	1451	46903	0.77%	0.155%
203	15.000	14.978	15.031	VV	932	26674	0.44%	0.088%
204	15.054	15.031	15.091	VV	1613	36769	0.60%	0.122%
205	15.107	15.091	15.121	VV	861	14232	0.23%	0.047%
206	15.150	15.121	15.194	VV	1906	48776	0.80%	0.161%
207	15.212	15.194	15.241	VV	1172	24772	0.41%	0.082%
208	15.264	15.241	15.287	VV	795	18592	0.30%	0.062%
209	15.329	15.287	15.389	VV	1738	70104	1.15%	0.232%
210	15.415	15.389	15.451	VV	2428	42625	0.70%	0.141%
211	15.472	15.451	15.533	VV	650	20971	0.34%	0.069%
212	15.550	15.533	15.606	VV	440	14200	0.23%	0.047%
213	15.626	15.606	15.643	VV	464	7603	0.12%	0.025%
214	15.668	15.643	15.714	VV	485	13952	0.23%	0.046%
215	15.748	15.714	15.867	VV	32154	460092	7.54%	1.522%
216	15.913	15.867	15.943	VV	11749	160597	2.63%	0.531%
217	15.974	15.943	16.005	VV	2260	36255	0.59%	0.120%
218	16.020	16.005	16.104	VV	317	8784	0.14%	0.029%
219	16.154	16.104	16.188	PV	301	8282	0.14%	0.027%
220	16.210	16.188	16.237	VV	176	3106	0.05%	0.010%
221	16.268	16.237	16.301	VV	958	14690	0.24%	0.049%
222	16.308	16.301	16.338	VV	309	3683	0.06%	0.012%
223	16.351	16.338	16.366	VV	134	1586	0.03%	0.005%
224	16.394	16.366	16.435	VV	1022	14617	0.24%	0.048%
225	16.454	16.435	16.484	VV	349	4547	0.07%	0.015%
226	16.594	16.484	16.625	PV	236	7258	0.12%	0.024%
227	16.764	16.625	16.804	PV	2909	60210	0.99%	0.199%
228	16.842	16.804	16.853	VV	529	13191	0.22%	0.044%
229	16.876	16.853	16.928	VV	1959	34334	0.56%	0.114%
230	16.960	16.928	16.983	VV	819	14429	0.24%	0.048%
231	17.011	16.983	17.058	VV	1609	26047	0.43%	0.086%
232	17.072	17.058	17.089	VV	167	2089	0.03%	0.007%
233	17.128	17.089	17.168	VV	721	15258	0.25%	0.050%
234	17.196	17.168	17.221	VV	352	6721	0.11%	0.022%
235	17.252	17.221	17.268	PV	727	9898	0.16%	0.033%
236	17.278	17.268	17.297	VV	262	3350	0.05%	0.011%
237	17.346	17.297	17.372	VV	1928	28802	0.47%	0.095%
238	17.397	17.372	17.463	VV	2416	39025	0.64%	0.129%
239	17.508	17.463	17.518	PV	93	1767	0.03%	0.006%
240	17.562	17.518	17.581	PV	220	3680	0.06%	0.012%
241	17.615	17.581	17.661	VV	222	6193	0.10%	0.020%
242	17.708	17.661	17.754	PV	1672	36107	0.59%	0.119%
243	17.796	17.754	17.834	VV	3910	64597	1.06%	0.214%
244	17.883	17.834	17.924	VV	1039	22463	0.37%	0.074%
245	17.931	17.924	17.944	VV	324	3481	0.06%	0.012%
246	17.966	17.944	17.991	VV	307	6319	0.10%	0.021%

rteres

247	18.022	17.991	18.041	VV	271	4961	0.08%	0.016%
248	18.078	18.041	18.104	VV	308	7153	0.12%	0.024%
249	18.119	18.104	18.131	VV	86	841	0.01%	0.003%
250	18.190	18.131	18.210	PV	2556	43890	0.72%	0.145%
251	18.235	18.210	18.264	VV	3972	64510	1.06%	0.213%
252	18.287	18.264	18.299	VV	917	15061	0.25%	0.050%
253	18.324	18.299	18.404	VV	2666	48189	0.79%	0.159%
254	18.473	18.404	18.498	PV	1033	22457	0.37%	0.074%
255	18.509	18.498	18.518	VV	386	3936	0.06%	0.013%
256	18.522	18.518	18.530	VV	423	2283	0.04%	0.008%
257	18.590	18.530	18.635	VV	15837	281629	4.61%	0.932%
258	18.659	18.635	18.691	VV	5682	92445	1.51%	0.306%
259	18.753	18.691	18.841	VV	2051	55620	0.91%	0.184%
260	18.877	18.841	18.898	PV	496	6900	0.11%	0.023%
261	18.927	18.898	18.944	VV	191	3458	0.06%	0.011%
262	18.967	18.944	18.983	PV	225	2396	0.04%	0.008%
263	19.012	18.983	19.029	VV	790	11024	0.18%	0.036%
264	19.067	19.029	19.131	VV	5450	108074	1.77%	0.358%
265	19.169	19.131	19.218	VV	2263	64445	1.06%	0.213%
266	19.241	19.218	19.268	VV	1028	27514	0.45%	0.091%
267	19.424	19.268	19.450	VV	12296	378487	6.20%	1.252%
268	19.474	19.450	19.514	VV	7492	202402	3.32%	0.670%
269	19.551	19.514	19.608	VV	4049	183370	3.00%	0.607%
270	19.633	19.608	19.650	VV	2982	71568	1.17%	0.237%
271	19.671	19.650	19.698	VV	3296	85713	1.40%	0.284%
272	19.720	19.698	19.744	VV	2889	72644	1.19%	0.240%
273	19.771	19.744	19.798	VV	2650	75100	1.23%	0.249%
274	19.854	19.798	19.888	VV	5861	183242	3.00%	0.606%
275	19.961	19.888	19.997	VV	5825	284789	4.67%	0.942%
276	20.036	19.997	20.080	VV	5493	220713	3.62%	0.730%
277	20.109	20.080	20.120	VV	4292	99435	1.63%	0.329%
278	20.154	20.120	20.174	VV	4790	147823	2.42%	0.489%
279	20.199	20.174	20.207	VV	5728	101626	1.67%	0.336%
280	20.231	20.207	20.258	VV	8442	197686	3.24%	0.654%
281	20.367	20.258	20.391	VV	7051	490772	8.04%	1.624%
282	20.412	20.391	20.428	VV	6707	143976	2.36%	0.476%
283	20.459	20.428	20.491	VV	8360	287207	4.71%	0.950%
284	20.593	20.491	20.671	VV	12403	1084619	17.77%	3.589%
285	20.707	20.671	20.726	VV	9667	308136	5.05%	1.020%
286	20.763	20.726	20.804	VV	11744	484399	7.94%	1.603%
287	20.848	20.804	20.858	VV	10990	333022	5.46%	1.102%
288	20.871	20.858	20.934	VV	10924	484890	7.95%	1.605%
289	20.959	20.934	20.996	VV	10789	369469	6.05%	1.223%
290	21.072	20.996	21.100	VV	9194	559242	9.16%	1.851%
291	21.151	21.100	21.208	VV	9541	586211	9.61%	1.940%
292	21.223	21.208	21.328	VV	8558	534243	8.75%	1.768%
293	21.371	21.328	21.421	VV	7627	379074	6.21%	1.254%
294	21.429	21.421	21.617	VV	6449	644499	10.56%	2.133%
295	21.635	21.617	21.661	VV	4465	116601	1.91%	0.386%
296	21.670	21.661	21.689	VV	4213	69011	1.13%	0.228%
297	21.728	21.689	21.791	VV	4200	239898	3.93%	0.794%
298	21.834	21.791	21.944	VV	4034	275349	4.51%	0.911%
299	22.038	21.944	22.074	VV	1992	140407	2.30%	0.465%

rteres

300	22.081	22.074	22.114	VV	1633	36218	0.59%	0.120%
301	22.132	22.114	22.140	VV	1379	21175	0.35%	0.070%
302	22.156	22.140	22.251	VV	1365	47084	0.77%	0.156%

Sum of corrected areas: 30219597

Aliphatic EPH 062725.M Thu Jul 03 05:41:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Operator : YP\AJ
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX4

Integration File: autoint1.e
Quant Time: Jul 03 05:10:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4885483	30.084 ug/ml
Spiked Amount 50.000		Recovery =	60.17%
12) S 1-chlorooctadecane (S...	13.512	3849837	30.483 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
Target Compounds			

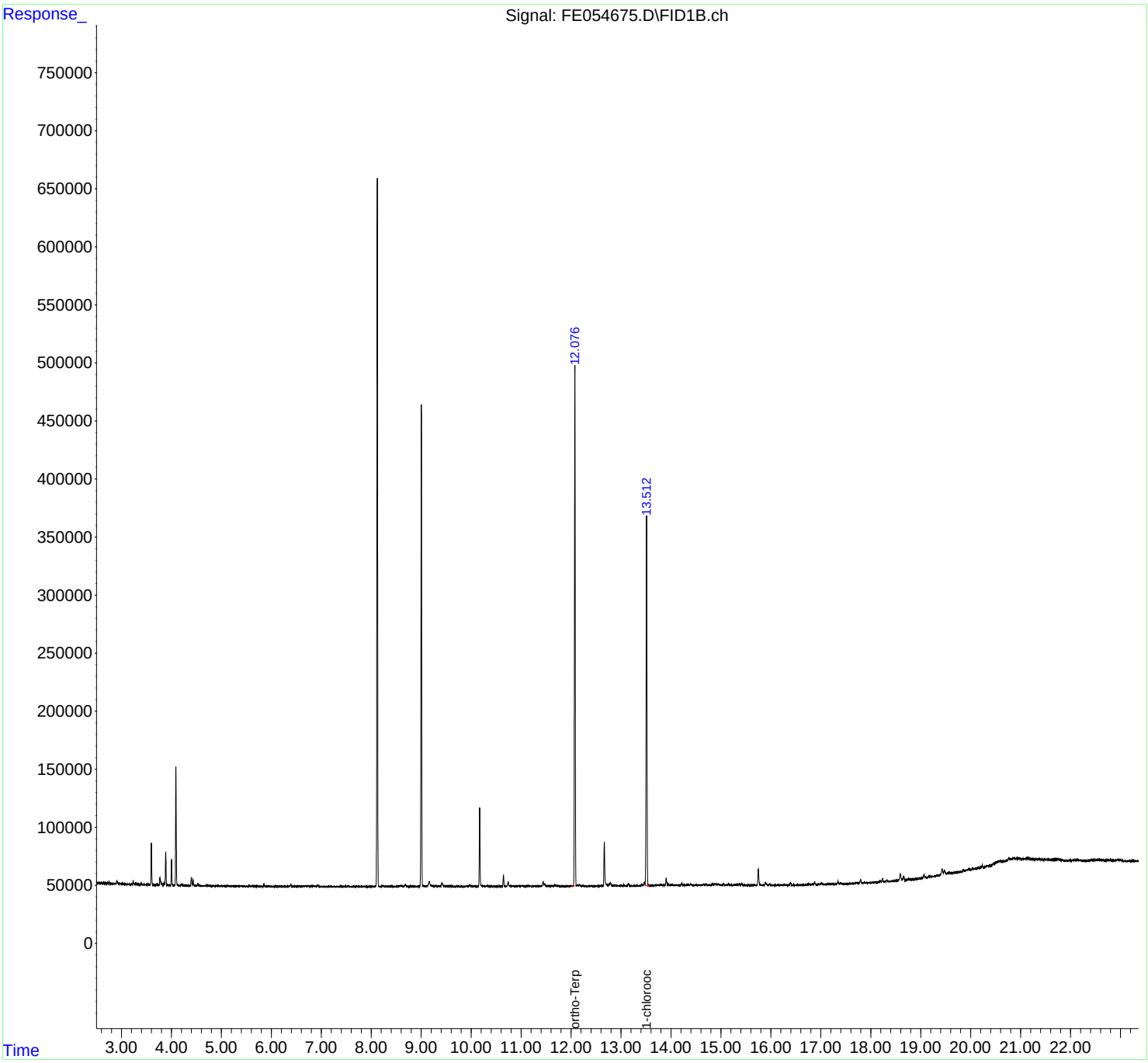
(f)=RT Delta > 1/2 Window (m)=manual int.

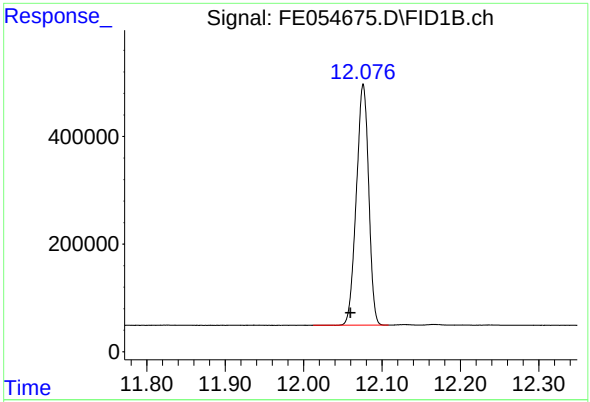
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Operator : YP\AJ
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX4

Integration File: autoint1.e
Quant Time: Jul 03 05:10:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

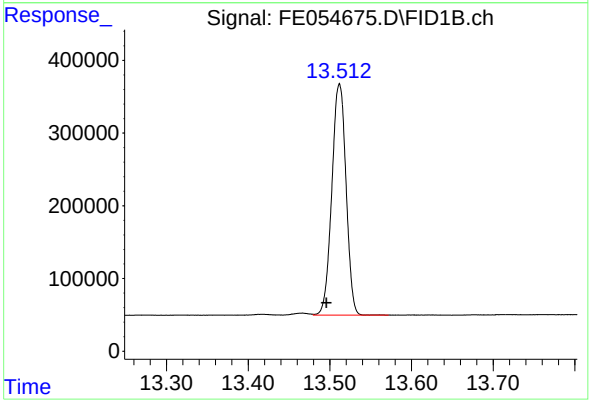




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4885483
Conc: 30.08 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX4



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3849837
Conc: 30.48 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.846	2.805	2.878	BV	414	4786	0.10%	0.020%
2	2.881	2.878	2.890	VV	97	334	0.01%	0.001%
3	2.907	2.890	3.021	PV	2493	47610	0.97%	0.199%
4	3.032	3.021	3.085	VV	341	6641	0.14%	0.028%
5	3.105	3.085	3.199	PV	290	7514	0.15%	0.031%
6	3.235	3.199	3.262	VV	3352	36335	0.74%	0.152%
7	3.286	3.262	3.302	VV	650	11197	0.23%	0.047%
8	3.311	3.302	3.374	VV	473	8736	0.18%	0.037%
9	3.396	3.374	3.485	VV	1687	22687	0.46%	0.095%
10	3.501	3.485	3.511	VV	247	2527	0.05%	0.011%
11	3.528	3.511	3.578	VV	688	14218	0.29%	0.059%
12	3.598	3.578	3.679	VV	36241	334325	6.83%	1.398%
13	3.701	3.679	3.746	PV	712	11338	0.23%	0.047%
14	3.770	3.746	3.797	VV	6123	81798	1.67%	0.342%
15	3.806	3.797	3.838	VV	2114	25082	0.51%	0.105%
16	3.852	3.838	3.865	VV	1873	18584	0.38%	0.078%
17	3.886	3.865	3.961	VV	28439	267983	5.47%	1.121%
18	3.965	3.961	3.971	VV	32	134	0.00%	0.001%
19	4.002	3.971	4.057	PV	22000	197031	4.02%	0.824%
20	4.090	4.057	4.172	VV	100587	924646	18.88%	3.867%
21	4.197	4.172	4.238	VV	1431	19410	0.40%	0.081%
22	4.255	4.238	4.302	VV	407	7311	0.15%	0.031%
23	4.323	4.302	4.369	VV	181	3594	0.07%	0.015%
24	4.399	4.369	4.418	VV	7105	81387	1.66%	0.340%
25	4.434	4.418	4.488	VV	5089	52364	1.07%	0.219%
26	4.532	4.488	4.657	VV	2193	33833	0.69%	0.141%
27	4.692	4.657	4.707	VV	472	10222	0.21%	0.043%
28	4.718	4.707	4.726	VV	498	4623	0.09%	0.019%
29	4.739	4.726	4.761	VV	617	7784	0.16%	0.033%
30	4.773	4.761	4.815	VV	279	4404	0.09%	0.018%
31	4.844	4.815	4.885	PV	680	7751	0.16%	0.032%
32	4.897	4.885	4.934	PV	127	2074	0.04%	0.009%
33	4.954	4.934	4.978	VV	341	3876	0.08%	0.016%
34	4.995	4.978	5.028	PV	105	2032	0.04%	0.008%
35	5.047	5.028	5.059	VV	267	2653	0.05%	0.011%
36	5.066	5.059	5.085	VV	158	1571	0.03%	0.007%

rteres

37	5.106	5.085	5.187	VV	238	8116	0.17%	0.034%
38	5.205	5.187	5.243	VV	247	4622	0.09%	0.019%
39	5.255	5.243	5.262	VV	233	1746	0.04%	0.007%
40	5.268	5.262	5.275	VV	196	1336	0.03%	0.006%
41	5.288	5.275	5.375	VV	275	9589	0.20%	0.040%
42	5.393	5.375	5.424	VV	258	3726	0.08%	0.016%
43	5.434	5.424	5.455	VV	133	1220	0.02%	0.005%
44	5.464	5.455	5.516	VV	155	3111	0.06%	0.013%
45	5.525	5.516	5.532	PV	69	333	0.01%	0.001%
46	5.558	5.532	5.608	VV	868	12619	0.26%	0.053%
47	5.621	5.608	5.644	VV	374	4927	0.10%	0.021%
48	5.657	5.644	5.715	VV	216	3624	0.07%	0.015%
49	5.721	5.715	5.730	VV	84	449	0.01%	0.002%
50	5.739	5.730	5.756	VV	91	931	0.02%	0.004%
51	5.766	5.756	5.777	VV	120	830	0.02%	0.003%
52	5.816	5.777	5.831	PV	265	4967	0.10%	0.021%
53	5.852	5.831	5.905	VV	2564	26925	0.55%	0.113%
54	5.923	5.905	5.939	VV	415	4460	0.09%	0.019%
55	5.960	5.939	5.987	VV	243	3236	0.07%	0.014%
56	6.007	5.987	6.045	VV	173	2980	0.06%	0.012%
57	6.077	6.045	6.095	VV	171	3913	0.08%	0.016%
58	6.115	6.095	6.126	VV	227	3172	0.06%	0.013%
59	6.137	6.126	6.160	VV	203	2690	0.05%	0.011%
60	6.175	6.160	6.225	VV	148	3469	0.07%	0.015%
61	6.244	6.225	6.256	PV	287	2637	0.05%	0.011%
62	6.270	6.256	6.298	VV	182	2921	0.06%	0.012%
63	6.391	6.298	6.423	VV	2465	37075	0.76%	0.155%
64	6.443	6.423	6.471	VV	285	5758	0.12%	0.024%
65	6.490	6.471	6.529	VV	348	8199	0.17%	0.034%
66	6.560	6.529	6.600	VV	368	11305	0.23%	0.047%
67	6.641	6.600	6.668	VV	405	11700	0.24%	0.049%
68	6.687	6.668	6.722	VV	668	13247	0.27%	0.055%
69	6.741	6.722	6.781	VV	483	11924	0.24%	0.050%
70	6.789	6.781	6.798	VV	392	3217	0.07%	0.013%
71	6.802	6.798	6.815	VV	376	3317	0.07%	0.014%
72	6.850	6.815	6.905	VV	472	14507	0.30%	0.061%
73	6.927	6.905	6.988	VV	1802	23793	0.49%	0.100%
74	7.013	6.988	7.038	VV	137	2505	0.05%	0.010%
75	7.080	7.038	7.110	VV	115	2878	0.06%	0.012%
76	7.137	7.110	7.168	VV	169	3722	0.08%	0.016%
77	7.182	7.168	7.224	VV	236	3774	0.08%	0.016%
78	7.234	7.224	7.245	VV	77	785	0.02%	0.003%
79	7.249	7.245	7.281	VV	88	1188	0.02%	0.005%
80	7.313	7.281	7.348	PV	93	2858	0.06%	0.012%
81	7.410	7.348	7.470	VV	202	11443	0.23%	0.048%
82	7.490	7.470	7.520	VV	581	8830	0.18%	0.037%
83	7.537	7.520	7.608	VV	442	10590	0.22%	0.044%
84	7.632	7.608	7.685	VV	365	9227	0.19%	0.039%
85	7.716	7.685	7.787	VV	255	9613	0.20%	0.040%
86	7.796	7.787	7.836	VV	194	2726	0.06%	0.011%
87	7.861	7.836	7.905	VV	264	3472	0.07%	0.015%
88	7.944	7.905	7.958	PV	93	1727	0.04%	0.007%
89	7.963	7.958	7.998	VV	97	1149	0.02%	0.005%

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90	8.021	7.998	8.043	VV	406	4560	0.09%	0.019%
91	8.055	8.043	8.072	VV	184	2340	0.05%	0.010%
92	8.230	8.180	8.251	VV	602	13829	0.28%	0.058%
93	8.262	8.251	8.288	VV	480	5624	0.11%	0.024%
94	8.294	8.288	8.328	VV	185	2797	0.06%	0.012%
95	8.340	8.328	8.352	VV	181	1962	0.04%	0.008%
96	8.372	8.352	8.401	VV	181	4018	0.08%	0.017%
97	8.426	8.401	8.450	VV	251	4944	0.10%	0.021%
98	8.461	8.450	8.484	VV	160	2386	0.05%	0.010%
99	8.585	8.484	8.641	VV	826	36741	0.75%	0.154%
100	8.683	8.641	8.764	VV	1643	43100	0.88%	0.180%
101	8.778	8.764	8.801	VV	247	4444	0.09%	0.019%
102	8.821	8.801	8.891	VV	396	11113	0.23%	0.046%
103	8.922	8.891	8.958	VV	178	4600	0.09%	0.019%
104	9.056	9.042	9.084	VV	552	11919	0.24%	0.050%
105	9.160	9.084	9.271	VV	4094	132496	2.71%	0.554%
106	9.297	9.271	9.331	VV	755	16499	0.34%	0.069%
107	9.417	9.331	9.497	VV	3117	79025	1.61%	0.330%
108	9.515	9.497	9.537	VV	513	9084	0.19%	0.038%
109	9.556	9.537	9.625	VV	386	11314	0.23%	0.047%
110	9.658	9.625	9.687	VV	252	5370	0.11%	0.022%
111	9.712	9.687	9.737	VV	399	6647	0.14%	0.028%
112	9.751	9.737	9.768	VV	137	1671	0.03%	0.007%
113	9.770	9.768	9.787	VV	160	738	0.02%	0.003%
114	9.825	9.787	9.854	VV	126	3171	0.06%	0.013%
115	9.900	9.854	9.921	VV	357	8278	0.17%	0.035%
116	9.972	9.921	10.065	VV	1492	43463	0.89%	0.182%
117	10.073	10.065	10.115	VV	288	5733	0.12%	0.024%
118	10.171	10.115	10.262	VV	67470	703168	14.36%	2.941%
119	10.324	10.262	10.353	VV	903	19146	0.39%	0.080%
120	10.366	10.353	10.387	VV	173	2631	0.05%	0.011%
121	10.407	10.387	10.428	VV	263	3800	0.08%	0.016%
122	10.470	10.428	10.491	VV	218	5532	0.11%	0.023%
123	10.511	10.491	10.541	VV	225	2931	0.06%	0.012%
124	10.554	10.541	10.613	VV	150	2375	0.05%	0.010%
125	10.647	10.613	10.677	PV	9786	101526	2.07%	0.425%
126	10.740	10.677	10.847	VV	3997	81495	1.66%	0.341%
127	10.858	10.847	10.896	VV	353	6882	0.14%	0.029%
128	10.909	10.896	10.917	VV	231	2402	0.05%	0.010%
129	10.949	10.917	10.977	VV	352	9759	0.20%	0.041%
130	10.996	10.977	11.018	VV	474	7551	0.15%	0.032%
131	11.034	11.018	11.062	VV	402	7680	0.16%	0.032%
132	11.070	11.062	11.090	VV	117	1856	0.04%	0.008%
133	11.105	11.090	11.113	VV	178	1807	0.04%	0.008%
134	11.145	11.113	11.178	VV	619	13417	0.27%	0.056%
135	11.188	11.178	11.214	VV	282	3790	0.08%	0.016%
136	11.236	11.214	11.252	VV	220	3416	0.07%	0.014%
137	11.270	11.252	11.285	VV	247	3463	0.07%	0.014%
138	11.302	11.285	11.312	VV	210	2822	0.06%	0.012%
139	11.327	11.312	11.339	VV	267	2573	0.05%	0.011%
140	11.359	11.339	11.375	VV	309	4098	0.08%	0.017%
141	11.389	11.375	11.397	VV	303	3240	0.07%	0.014%

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142	11.441	11.397	11.458	VV	4105	58973	1.20%	0.247%
143	11.471	11.458	11.549	VV	2092	40225	0.82%	0.168%
144	11.563	11.549	11.624	VV	249	8335	0.17%	0.035%
145	11.635	11.624	11.646	VV	200	1859	0.04%	0.008%
146	11.679	11.646	11.706	VV	1472	22132	0.45%	0.093%
147	11.747	11.706	11.791	VV	481	12532	0.26%	0.052%
148	11.826	11.791	11.885	VV	357	7343	0.15%	0.031%
149	11.914	11.885	11.926	PV	170	2201	0.04%	0.009%
150	11.940	11.926	11.965	VV	143	2296	0.05%	0.010%
151	12.028	11.965	12.041	VV	165	4361	0.09%	0.018%
152	12.076	12.041	12.109	VV	445998	4896458	100.00%	20.478%
153	12.129	12.109	12.148	VV	1338	19173	0.39%	0.080%
154	12.167	12.148	12.191	VV	1516	22428	0.46%	0.094%
155	12.202	12.191	12.218	VV	510	6429	0.13%	0.027%
156	12.238	12.218	12.329	VV	609	10919	0.22%	0.046%
157	12.358	12.329	12.383	VV	143	1927	0.04%	0.008%
158	12.411	12.383	12.450	PV	492	9462	0.19%	0.040%
159	12.466	12.450	12.497	VV	192	3257	0.07%	0.014%
160	12.517	12.497	12.538	VV	292	4674	0.10%	0.020%
161	12.580	12.538	12.618	VV	292	10680	0.22%	0.045%
162	12.666	12.618	12.740	VV	37567	482800	9.86%	2.019%
163	12.756	12.740	12.767	VV	1279	18272	0.37%	0.076%
164	12.786	12.767	12.843	VV	3228	60898	1.24%	0.255%
165	12.874	12.843	12.891	VV	611	15764	0.32%	0.066%
166	12.903	12.891	12.938	VV	605	11261	0.23%	0.047%
167	12.949	12.938	12.967	VV	333	4946	0.10%	0.021%
168	13.002	12.967	13.032	VV	669	14161	0.29%	0.059%
169	13.060	13.032	13.082	VV	820	14075	0.29%	0.059%
170	13.091	13.082	13.109	VV	280	3730	0.08%	0.016%
171	13.150	13.109	13.175	VV	1771	31520	0.64%	0.132%
172	13.184	13.175	13.247	VV	290	7810	0.16%	0.033%
173	13.276	13.247	13.292	VV	273	5351	0.11%	0.022%
174	13.318	13.292	13.341	VV	364	6410	0.13%	0.027%
175	13.417	13.341	13.440	VV	1366	28374	0.58%	0.119%
176	13.466	13.440	13.480	VV	2999	41873	0.86%	0.175%
177	13.512	13.480	13.547	VV	318183	3856678	78.76%	16.129%
178	13.560	13.547	13.591	VV	499	9551	0.20%	0.040%
179	13.599	13.591	13.615	VV	366	4586	0.09%	0.019%
180	13.622	13.615	13.650	VV	400	6246	0.13%	0.026%
181	13.677	13.650	13.692	VV	613	10351	0.21%	0.043%
182	13.714	13.692	13.741	VV	837	20938	0.43%	0.088%
183	13.762	13.741	13.779	VV	883	17596	0.36%	0.074%
184	13.802	13.779	13.840	VV	842	25598	0.52%	0.107%
185	13.878	13.840	13.886	VV	1230	21194	0.43%	0.089%
186	13.905	13.886	13.995	VV	6556	122925	2.51%	0.514%
187	14.017	13.995	14.065	VV	1306	33124	0.68%	0.139%
188	14.075	14.065	14.104	VV	570	12566	0.26%	0.053%
189	14.122	14.104	14.151	VV	657	15329	0.31%	0.064%
190	14.166	14.151	14.178	VV	485	7012	0.14%	0.029%
191	14.215	14.178	14.243	VV	2135	36734	0.75%	0.154%
192	14.264	14.243	14.289	VV	874	17660	0.36%	0.074%
193	14.327	14.289	14.343	VV	795	21716	0.44%	0.091%
194	14.359	14.343	14.369	VV	734	10805	0.22%	0.045%

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195	14.395	14.369	14.459	VV	1455	39719	0.81%	0.166%
196	14.492	14.459	14.559	VV	663	31487	0.64%	0.132%
197	14.580	14.559	14.606	VV	547	14044	0.29%	0.059%
198	14.655	14.606	14.680	VV	1308	33125	0.68%	0.139%
199	14.703	14.680	14.743	VV	1249	28005	0.57%	0.117%
200	14.766	14.743	14.805	VV	629	19732	0.40%	0.083%
201	14.838	14.805	14.871	VV	1351	37847	0.77%	0.158%
202	14.889	14.871	14.911	VV	1915	30557	0.62%	0.128%
203	14.930	14.911	14.940	VV	1268	18814	0.38%	0.079%
204	14.952	14.940	15.033	VV	1318	38822	0.79%	0.162%
205	15.053	15.033	15.095	VV	1176	24500	0.50%	0.102%
206	15.105	15.095	15.117	VV	492	5739	0.12%	0.024%
207	15.149	15.117	15.193	VV	1693	34142	0.70%	0.143%
208	15.215	15.193	15.252	VV	596	14108	0.29%	0.059%
209	15.265	15.252	15.285	VV	427	6937	0.14%	0.029%
210	15.292	15.285	15.300	VV	360	3091	0.06%	0.013%
211	15.330	15.300	15.348	VV	1134	21236	0.43%	0.089%
212	15.369	15.348	15.392	VV	1495	24467	0.50%	0.102%
213	15.417	15.392	15.448	VV	1645	25649	0.52%	0.107%
214	15.468	15.448	15.528	VV	347	10662	0.22%	0.045%
215	15.547	15.528	15.598	VV	284	6991	0.14%	0.029%
216	15.626	15.598	15.649	VV	200	3905	0.08%	0.016%
217	15.672	15.649	15.688	VV	258	4048	0.08%	0.017%
218	15.748	15.688	15.835	VV	13998	204931	4.19%	0.857%
219	15.846	15.835	15.861	VV	220	2842	0.06%	0.012%
220	15.892	15.861	15.938	VV	2098	42048	0.86%	0.176%
221	15.946	15.938	15.951	VV	218	1331	0.03%	0.006%
222	15.974	15.951	16.082	VV	1016	23795	0.49%	0.100%
223	16.106	16.082	16.115	PV	85	651	0.01%	0.003%
224	16.154	16.115	16.200	VV	299	6375	0.13%	0.027%
225	16.215	16.200	16.232	VV	137	1655	0.03%	0.007%
226	16.267	16.232	16.303	VV	471	8023	0.16%	0.034%
227	16.317	16.303	16.331	VV	124	1293	0.03%	0.005%
228	16.354	16.331	16.365	VV	124	1678	0.03%	0.007%
229	16.394	16.365	16.433	VV	2241	29620	0.60%	0.124%
230	16.452	16.433	16.496	VV	200	4017	0.08%	0.017%
231	16.506	16.496	16.510	PV	74	508	0.01%	0.002%
232	16.527	16.510	16.550	VV	136	1743	0.04%	0.007%
233	16.583	16.550	16.664	VV	183	3517	0.07%	0.015%
234	16.705	16.664	16.717	PV	213	3107	0.06%	0.013%
235	16.733	16.717	16.743	VV	453	5010	0.10%	0.021%
236	16.763	16.743	16.799	VV	1074	17914	0.37%	0.075%
237	16.842	16.799	16.851	VV	358	7386	0.15%	0.031%
238	16.877	16.851	16.933	VV	2557	37964	0.78%	0.159%
239	16.957	16.933	16.983	VV	378	6746	0.14%	0.028%
240	17.011	16.983	17.065	VV	1136	21704	0.44%	0.091%
241	17.078	17.065	17.098	VV	193	2722	0.06%	0.011%
242	17.128	17.098	17.162	VV	296	7461	0.15%	0.031%
243	17.171	17.162	17.208	VV	237	4734	0.10%	0.020%
244	17.250	17.208	17.265	VV	287	6443	0.13%	0.027%
245	17.345	17.265	17.372	VV	2678	44130	0.90%	0.185%
246	17.397	17.372	17.442	VV	1406	23659	0.48%	0.099%

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247	17.452	17.442	17.475	VV	115	1311	0.03%	0.005%
248	17.490	17.475	17.508	VV	142	1658	0.03%	0.007%
249	17.519	17.508	17.524	PV	41	223	0.00%	0.001%
250	17.569	17.524	17.588	PV	118	2516	0.05%	0.011%
251	17.636	17.588	17.675	PV	173	5283	0.11%	0.022%
252	17.706	17.675	17.745	VV	666	15102	0.31%	0.063%
253	17.796	17.745	17.833	VV	3428	53677	1.10%	0.224%
254	17.882	17.833	17.930	VV	460	12611	0.26%	0.053%
255	17.938	17.930	17.944	VV	128	980	0.02%	0.004%
256	17.975	17.944	17.994	VV	199	3985	0.08%	0.017%
257	18.030	17.994	18.053	VV	210	5153	0.11%	0.022%
258	18.078	18.053	18.122	PV	260	5936	0.12%	0.025%
259	18.132	18.122	18.138	PV	61	501	0.01%	0.002%
260	18.190	18.138	18.208	VV	1097	19260	0.39%	0.081%
261	18.234	18.208	18.266	VV	2863	43683	0.89%	0.183%
262	18.282	18.266	18.297	VV	286	3533	0.07%	0.015%
263	18.324	18.297	18.354	VV	1422	20972	0.43%	0.088%
264	18.369	18.354	18.381	VV	102	1250	0.03%	0.005%
265	18.476	18.381	18.498	PV	480	9909	0.20%	0.041%
266	18.511	18.498	18.534	VV	230	3105	0.06%	0.013%
267	18.591	18.534	18.633	VV	5918	115741	2.36%	0.484%
268	18.659	18.633	18.698	VV	3228	51573	1.05%	0.216%
269	18.752	18.698	18.775	VV	666	11066	0.23%	0.046%
270	18.802	18.775	18.811	VV	106	1563	0.03%	0.007%
271	19.067	18.811	19.121	PV	3130	81112	1.66%	0.339%
272	19.172	19.121	19.209	VV	1302	42776	0.87%	0.179%
273	19.426	19.209	19.449	VV	6242	225941	4.61%	0.945%
274	19.476	19.449	19.514	VV	4540	130775	2.67%	0.547%
275	19.549	19.514	19.559	VV	2409	58300	1.19%	0.244%
276	19.565	19.559	19.593	VV	2310	44244	0.90%	0.185%
277	19.643	19.593	19.646	VV	2055	64630	1.32%	0.270%
278	19.667	19.646	19.695	VV	2295	59800	1.22%	0.250%
279	19.719	19.695	19.740	VV	2129	54299	1.11%	0.227%
280	19.853	19.740	19.885	VV	3985	216142	4.41%	0.904%
281	19.960	19.885	19.991	VV	3990	204862	4.18%	0.857%
282	20.035	19.991	20.065	VV	3868	152312	3.11%	0.637%
283	20.144	20.065	20.168	VV	4018	231318	4.72%	0.967%
284	20.198	20.168	20.207	VV	4345	95044	1.94%	0.397%
285	20.231	20.207	20.259	VV	5572	146779	3.00%	0.614%
286	20.458	20.259	20.470	VV	6360	616627	12.59%	2.579%
287	20.593	20.470	20.628	VV	8137	692527	14.14%	2.896%
288	20.764	20.628	20.807	VV	9561	856497	17.49%	3.582%
289	20.858	20.807	20.895	VV	9079	462308	9.44%	1.933%
290	20.958	20.895	21.014	VV	8691	596526	12.18%	2.495%
291	21.133	21.014	21.140	VV	7833	577366	11.79%	2.415%
292	21.151	21.140	21.201	VV	7803	273185	5.58%	1.142%
293	21.209	21.201	21.242	VV	6931	165797	3.39%	0.693%
294	21.252	21.242	21.291	VV	6505	187418	3.83%	0.784%
295	21.302	21.291	21.315	VV	6127	85413	1.74%	0.357%
296	21.321	21.315	21.343	VV	6074	102938	2.10%	0.431%
297	21.372	21.343	21.443	VV	6249	344183	7.03%	1.439%
298	21.492	21.443	21.591	VV	5209	435169	8.89%	1.820%
299	21.739	21.591	21.881	VV	4332	664179	13.56%	2.778%

rteres

300	21.900	21.881	21.908	VV	2365	38196	0.78%	0.160%
301	21.915	21.908	21.935	VV	2347	34058	0.70%	0.142%
302	21.981	21.935	22.005	VV	2143	87555	1.79%	0.366%
303	22.130	22.005	22.259	VV	1995	250539	5.12%	1.048%
304	22.266	22.259	22.326	VV	658	14973	0.31%	0.063%

Sum of corrected areas: 23911235

Aliphatic EPH 062725.M Thu Jul 03 05:42:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Operator : YP\AJ
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5

Integration File: autoint1.e
Quant Time: Jul 03 05:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4460911	27.470 ug/ml
Spiked Amount 50.000		Recovery = 54.94%	
12) S 1-chlorooctadecane (S...	13.512	3561608	28.201 ug/ml
Spiked Amount 50.000		Recovery = 56.40%	
Target Compounds			

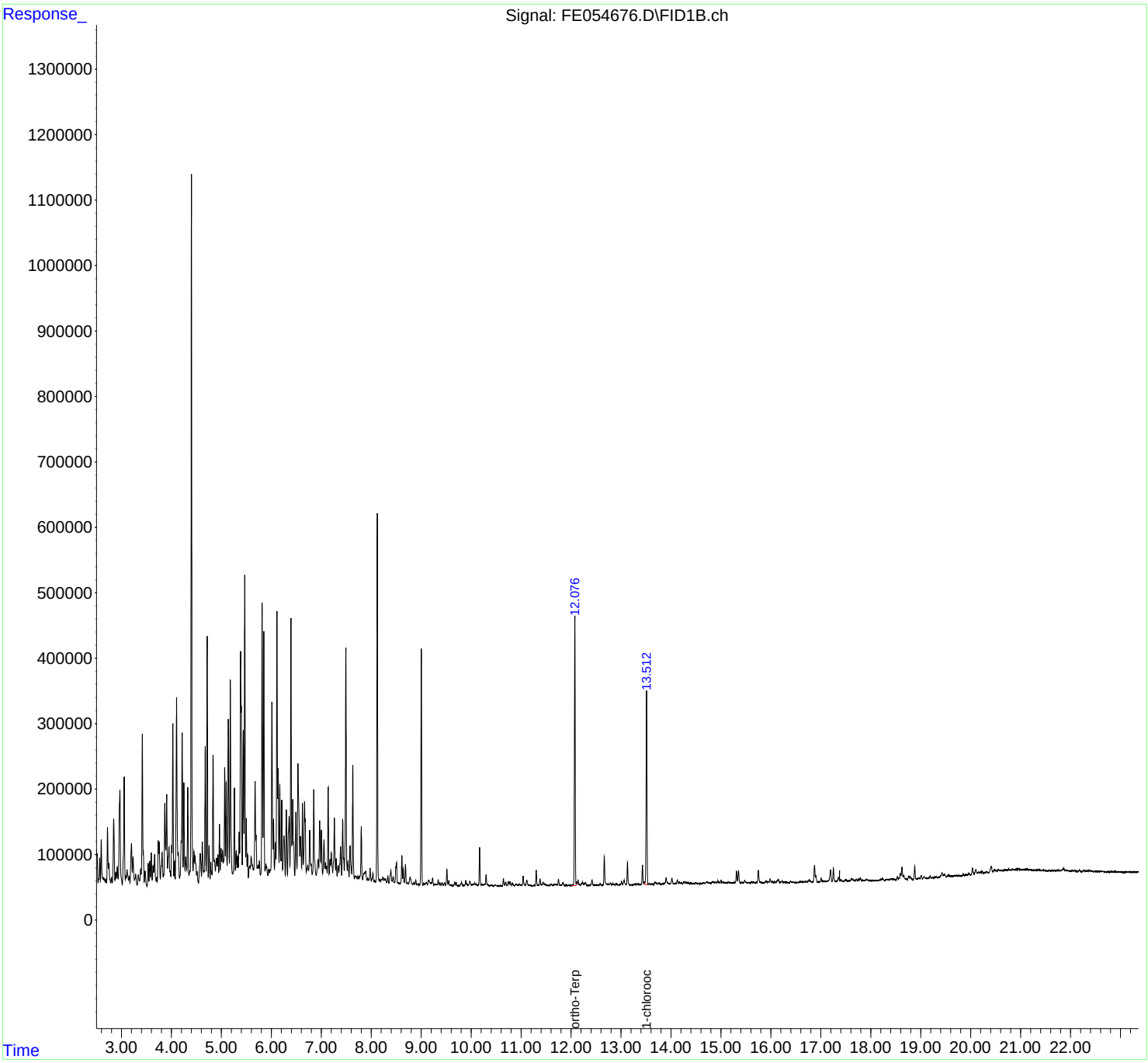
(f)=RT Delta > 1/2 Window (m)=manual int.

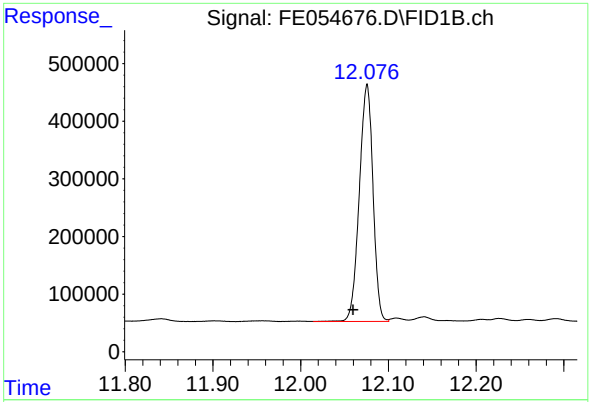
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Operator : YP\AJ
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5

Integration File: autoint1.e
Quant Time: Jul 03 05:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

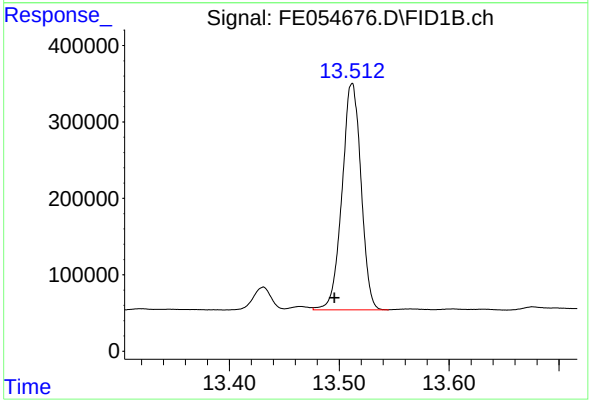




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4460911
Conc: 27.47 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3561608
Conc: 28.20 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.805	2.870	BV	92819	1152850	10.32%	0.514%
2	2.886	2.870	2.900	VV	12760	161217	1.44%	0.072%
3	2.916	2.900	2.933	VV	22336	258099	2.31%	0.115%
4	2.967	2.933	3.015	VV	142551	2414765	21.61%	1.077%
5	3.054	3.015	3.078	PV	164789	2035356	18.21%	0.907%
6	3.112	3.078	3.141	VV	22788	531247	4.75%	0.237%
7	3.156	3.141	3.170	VV	12501	158190	1.42%	0.071%
8	3.200	3.170	3.218	VV	63741	1031728	9.23%	0.460%
9	3.231	3.218	3.261	VV	43274	650328	5.82%	0.290%
10	3.285	3.261	3.314	VV	16320	277126	2.48%	0.124%
11	3.337	3.314	3.362	VV	15903	252378	2.26%	0.113%
12	3.384	3.362	3.394	VV	24585	308102	2.76%	0.137%
13	3.418	3.394	3.457	VV	231944	2963644	26.52%	1.321%
14	3.474	3.457	3.510	VV	22230	328359	2.94%	0.146%
15	3.535	3.510	3.550	PV	34871	356332	3.19%	0.159%
16	3.566	3.550	3.581	VV	37889	437360	3.91%	0.195%
17	3.597	3.581	3.616	VV	50749	578063	5.17%	0.258%
18	3.633	3.616	3.646	VV	30947	401468	3.59%	0.179%
19	3.664	3.646	3.694	VV	48439	739428	6.62%	0.330%
20	3.705	3.694	3.718	VV	12509	137664	1.23%	0.061%
21	3.736	3.718	3.778	VV	68076	1544360	13.82%	0.689%
22	3.813	3.778	3.836	VV	51123	1026636	9.19%	0.458%
23	3.868	3.836	3.891	VV	126255	1907686	17.07%	0.851%
24	3.906	3.891	3.924	VV	138834	1618013	14.48%	0.721%
25	3.951	3.924	3.988	VV	58674	1353284	12.11%	0.603%
26	4.029	3.988	4.049	VV	246797	3211873	28.74%	1.432%
27	4.062	4.049	4.076	VV	37510	418828	3.75%	0.187%
28	4.104	4.076	4.164	VV	287992	4714184	42.18%	2.102%
29	4.215	4.164	4.233	VV	233151	3313461	29.65%	1.477%
30	4.249	4.233	4.273	VV	155661	1856666	16.61%	0.828%
31	4.287	4.273	4.307	VV	44252	698795	6.25%	0.312%
32	4.328	4.307	4.352	VV	150868	1869370	16.73%	0.833%
33	4.401	4.352	4.434	VV	1087599	11176292	100.00%	4.983%
34	4.451	4.434	4.462	VV	53061	689892	6.17%	0.308%
35	4.471	4.462	4.505	VV	46495	858392	7.68%	0.383%
36	4.514	4.505	4.540	VV	22107	291736	2.61%	0.130%

rteres

37	4.577	4.540	4.601	VV	49611	1025024	9.17%	0.457%
38	4.619	4.601	4.655	VV	67053	1101970	9.86%	0.491%
39	4.677	4.655	4.696	VV	213471	2335885	20.90%	1.041%
40	4.716	4.696	4.737	VV	380449	3854646	34.49%	1.719%
41	4.753	4.737	4.773	VV	60909	749108	6.70%	0.334%
42	4.789	4.773	4.813	VV	36620	555131	4.97%	0.247%
43	4.834	4.813	4.880	VV	199211	2689085	24.06%	1.199%
44	4.900	4.880	4.914	VV	42862	718329	6.43%	0.320%
45	4.930	4.914	4.945	VV	48076	693566	6.21%	0.309%
46	4.962	4.945	4.978	VV	94124	1052333	9.42%	0.469%
47	4.993	4.978	5.008	VV	56868	835276	7.47%	0.372%
48	5.022	5.008	5.051	VV	54323	1099355	9.84%	0.490%
49	5.066	5.051	5.082	VV	179636	1909585	17.09%	0.851%
50	5.096	5.082	5.115	VV	157879	1857023	16.62%	0.828%
51	5.138	5.115	5.160	VV	255143	3485621	31.19%	1.554%
52	5.178	5.160	5.225	VV	312890	4008035	35.86%	1.787%
53	5.260	5.225	5.279	VV	150510	1900622	17.01%	0.847%
54	5.296	5.279	5.312	VV	53273	782530	7.00%	0.349%
55	5.325	5.312	5.338	VV	45328	552720	4.95%	0.246%
56	5.355	5.338	5.365	VV	82036	951536	8.51%	0.424%
57	5.385	5.365	5.417	VV	355772	6220196	55.66%	2.773%
58	5.438	5.417	5.451	VV	238030	2897913	25.93%	1.292%
59	5.468	5.451	5.486	VV	477225	4862326	43.51%	2.168%
60	5.497	5.486	5.514	VV	103024	1173576	10.50%	0.523%
61	5.524	5.514	5.541	VV	48125	517264	4.63%	0.231%
62	5.567	5.541	5.578	VV	30490	574184	5.14%	0.256%
63	5.596	5.578	5.638	VV	44979	1215170	10.87%	0.542%
64	5.675	5.638	5.728	VV	159082	3298575	29.51%	1.471%
65	5.739	5.728	5.749	VV	32321	372736	3.34%	0.166%
66	5.761	5.749	5.780	VV	37706	527592	4.72%	0.235%
67	5.815	5.780	5.832	VV	430971	4797532	42.93%	2.139%
68	5.849	5.832	5.875	VV	386814	4235500	37.90%	1.888%
69	5.892	5.875	5.930	VV	33639	864086	7.73%	0.385%
70	5.948	5.930	5.961	VV	25495	399908	3.58%	0.178%
71	6.012	5.961	6.033	VV	280788	3849265	34.44%	1.716%
72	6.044	6.033	6.062	VV	102604	1145308	10.25%	0.511%
73	6.082	6.062	6.092	VV	65371	838461	7.50%	0.374%
74	6.112	6.092	6.154	VV	419488	6555337	58.65%	2.923%
75	6.169	6.154	6.195	VV	154650	1932105	17.29%	0.861%
76	6.209	6.195	6.227	VV	129950	1430312	12.80%	0.638%
77	6.253	6.227	6.278	VV	76659	1609434	14.40%	0.718%
78	6.300	6.278	6.322	VV	116409	1656127	14.82%	0.738%
79	6.356	6.322	6.373	VV	106250	2123820	19.00%	0.947%
80	6.393	6.373	6.413	VV	404253	4349843	38.92%	1.939%
81	6.429	6.413	6.469	VV	131311	2365693	21.17%	1.055%
82	6.492	6.469	6.513	VV	112930	1592475	14.25%	0.710%
83	6.534	6.513	6.570	VV	183915	3661564	32.76%	1.632%
84	6.582	6.570	6.607	VV	75696	1219339	10.91%	0.544%
85	6.623	6.607	6.641	VV	126377	1447515	12.95%	0.645%
86	6.666	6.641	6.701	VV	129011	2589720	23.17%	1.155%
87	6.728	6.701	6.744	VV	31470	701259	6.27%	0.313%
88	6.769	6.744	6.818	VV	85479	1780845	15.93%	0.794%
89	6.850	6.818	6.898	VV	146891	2332166	20.87%	1.040%

rteres

90	6.938	6.898	6.950	VV	39471	888350	7.95%	0.396%
91	6.969	6.950	6.990	VV	99794	1577260	14.11%	0.703%
92	7.004	6.990	7.027	VV	85508	1110139	9.93%	0.495%
93	7.055	7.027	7.072	VV	70506	1115547	9.98%	0.497%
94	7.081	7.072	7.094	VV	35213	405462	3.63%	0.181%
95	7.104	7.094	7.117	VV	30907	386215	3.46%	0.172%
96	7.138	7.117	7.159	VV	150736	1751581	15.67%	0.781%
97	7.176	7.159	7.187	VV	40261	534273	4.78%	0.238%
98	7.201	7.187	7.228	VV	50528	914261	8.18%	0.408%
99	7.262	7.228	7.287	VV	103644	1793615	16.05%	0.800%
100	7.300	7.287	7.317	VV	42010	522832	4.68%	0.233%
101	7.337	7.317	7.354	VV	31669	555594	4.97%	0.248%
102	7.387	7.354	7.408	VV	60255	1207836	10.81%	0.538%
103	7.429	7.408	7.460	VV	103061	1630767	14.59%	0.727%
104	7.492	7.460	7.520	VV	361873	4480176	40.09%	1.997%
105	7.535	7.520	7.556	VV	37834	620964	5.56%	0.277%
106	7.577	7.556	7.610	VV	60755	1125926	10.07%	0.502%
107	7.631	7.610	7.663	VV	184235	2108676	18.87%	0.940%
108	7.679	7.663	7.691	VV	15775	233732	2.09%	0.104%
109	7.700	7.691	7.718	VV	15006	227591	2.04%	0.101%
110	7.734	7.718	7.750	VV	16001	254442	2.28%	0.113%
111	7.763	7.750	7.769	VV	13828	146506	1.31%	0.065%
112	7.801	7.769	7.828	VV	91270	1240018	11.10%	0.553%
113	7.859	7.828	7.867	VV	19890	379872	3.40%	0.169%
114	7.888	7.867	7.915	VV	22636	516154	4.62%	0.230%
115	7.928	7.915	7.952	VV	11000	221373	1.98%	0.099%
116	7.978	7.952	8.003	VV	26894	471559	4.22%	0.210%
117	8.034	8.003	8.054	VV	20088	385723	3.45%	0.172%
118	8.066	8.054	8.088	VV	8328	151450	1.36%	0.068%
119	8.172	8.159	8.187	VV	10445	143938	1.29%	0.064%
120	8.202	8.187	8.211	VV	10309	131273	1.17%	0.059%
121	8.232	8.211	8.250	VV	13846	257541	2.30%	0.115%
122	8.265	8.250	8.278	VV	11412	172489	1.54%	0.077%
123	8.287	8.278	8.311	VV	11071	165956	1.48%	0.074%
124	8.332	8.311	8.352	VV	14743	222704	1.99%	0.099%
125	8.392	8.352	8.418	VV	24159	537356	4.81%	0.240%
126	8.439	8.418	8.470	VV	13966	283214	2.53%	0.126%
127	8.505	8.470	8.580	VV	35768	811095	7.26%	0.362%
128	8.613	8.580	8.629	VV	46752	586472	5.25%	0.261%
129	8.640	8.629	8.660	VV	26798	296476	2.65%	0.132%
130	8.685	8.660	8.712	VV	32921	441564	3.95%	0.197%
131	8.731	8.712	8.747	VV	5632	92926	0.83%	0.041%
132	8.777	8.747	8.841	VV	14122	385016	3.44%	0.172%
133	8.856	8.841	8.872	VV	5810	77592	0.69%	0.035%
134	8.891	8.872	8.925	VV	9686	151293	1.35%	0.067%
135	8.940	8.925	8.955	VV	3746	48999	0.44%	0.022%
136	9.065	9.033	9.081	VV	3910	86314	0.77%	0.038%
137	9.101	9.081	9.125	VV	6094	110874	0.99%	0.049%
138	9.150	9.125	9.192	VV	9149	250349	2.24%	0.112%
139	9.227	9.192	9.252	VV	12583	233686	2.09%	0.104%
140	9.283	9.252	9.301	VV	3462	76542	0.68%	0.034%
141	9.312	9.301	9.320	VV	2612	27186	0.24%	0.012%

rteres

142	9.341	9.320	9.360	VV	9569	123397	1.10%	0.055%
143	9.375	9.360	9.394	VV	5402	66970	0.60%	0.030%
144	9.415	9.394	9.441	VV	5347	92245	0.83%	0.041%
145	9.467	9.441	9.484	VV	5831	87255	0.78%	0.039%
146	9.515	9.484	9.536	VV	25424	316629	2.83%	0.141%
147	9.553	9.536	9.589	VV	8503	122468	1.10%	0.055%
148	9.605	9.589	9.630	VV	1395	27580	0.25%	0.012%
149	9.670	9.630	9.687	VV	6477	88424	0.79%	0.039%
150	9.702	9.687	9.737	VV	6018	75141	0.67%	0.034%
151	9.754	9.737	9.768	VV	1129	14254	0.13%	0.006%
152	9.808	9.768	9.834	VV	6173	109600	0.98%	0.049%
153	9.848	9.834	9.862	VV	1456	18501	0.17%	0.008%
154	9.892	9.862	9.945	VV	8587	164037	1.47%	0.073%
155	9.973	9.945	10.004	VV	7715	150161	1.34%	0.067%
156	10.022	10.004	10.031	VV	2766	36495	0.33%	0.016%
157	10.044	10.031	10.057	VV	3013	40964	0.37%	0.018%
158	10.073	10.057	10.088	VV	4577	63097	0.56%	0.028%
159	10.099	10.088	10.123	VV	3320	50968	0.46%	0.023%
160	10.170	10.123	10.198	VV	57802	649933	5.82%	0.290%
161	10.216	10.198	10.236	VV	2891	51437	0.46%	0.023%
162	10.265	10.236	10.281	VV	3059	67256	0.60%	0.030%
163	10.300	10.281	10.358	VV	17663	245927	2.20%	0.110%
164	10.370	10.358	10.392	VV	1107	20252	0.18%	0.009%
165	10.413	10.392	10.442	VV	1582	29361	0.26%	0.013%
166	10.481	10.442	10.521	VV	2212	50823	0.45%	0.023%
167	10.536	10.521	10.560	VV	514	7625	0.07%	0.003%
168	10.581	10.560	10.601	PV	1056	13038	0.12%	0.006%
169	10.613	10.601	10.617	VV	391	3025	0.03%	0.001%
170	10.646	10.617	10.670	VV	11409	140957	1.26%	0.063%
171	10.691	10.670	10.716	VV	6158	92414	0.83%	0.041%
172	10.745	10.716	10.762	VV	7001	113151	1.01%	0.050%
173	10.777	10.762	10.805	VV	6959	103534	0.93%	0.046%
174	10.822	10.805	10.867	VV	5007	92165	0.82%	0.041%
175	10.896	10.867	10.931	VV	3578	76779	0.69%	0.034%
176	10.966	10.931	11.008	VV	3075	86373	0.77%	0.039%
177	11.042	11.008	11.082	VV	15431	227311	2.03%	0.101%
178	11.114	11.082	11.215	VV	8337	197583	1.77%	0.088%
179	11.269	11.215	11.276	VV	955	22157	0.20%	0.010%
180	11.303	11.276	11.337	VV	24368	270030	2.42%	0.120%
181	11.379	11.337	11.416	VV	10557	166898	1.49%	0.074%
182	11.439	11.416	11.458	VV	5674	85640	0.77%	0.038%
183	11.470	11.458	11.537	VV	2809	77760	0.70%	0.035%
184	11.553	11.537	11.569	VV	1006	15198	0.14%	0.007%
185	11.608	11.569	11.633	VV	2654	61981	0.55%	0.028%
186	11.696	11.633	11.716	VV	2397	85332	0.76%	0.038%
187	11.748	11.716	11.807	VV	10154	167396	1.50%	0.075%
188	11.841	11.807	11.877	VV	4971	88818	0.79%	0.040%
189	11.903	11.877	11.928	VV	1372	19056	0.17%	0.008%
190	11.955	11.928	11.978	PV	1358	23943	0.21%	0.011%
191	11.998	11.978	12.015	VV	733	9638	0.09%	0.004%
192	12.075	12.015	12.123	VV	407304	4528715	40.52%	2.019%
193	12.140	12.123	12.187	VV	8264	123365	1.10%	0.055%
194	12.227	12.187	12.245	VV	5238	106226	0.95%	0.047%

rteres

195	12.260	12.245	12.273	VV	3491	41951	0.38%	0.019%
196	12.291	12.273	12.341	VV	4780	66828	0.60%	0.030%
197	12.359	12.341	12.373	PV	388	4220	0.04%	0.002%
198	12.420	12.373	12.456	VV	8014	129531	1.16%	0.058%
199	12.466	12.456	12.488	VV	602	10326	0.09%	0.005%
200	12.499	12.488	12.520	VV	898	12464	0.11%	0.006%
201	12.532	12.520	12.561	VV	694	14155	0.13%	0.006%
202	12.582	12.561	12.603	VV	2677	32437	0.29%	0.014%
203	12.614	12.603	12.626	VV	509	6058	0.05%	0.003%
204	12.665	12.626	12.744	VV	44207	579060	5.18%	0.258%
205	12.788	12.744	12.818	VV	3577	81210	0.73%	0.036%
206	12.834	12.818	12.877	VV	2110	45236	0.40%	0.020%
207	12.903	12.877	12.941	VV	2758	53331	0.48%	0.024%
208	12.982	12.941	12.990	VV	1391	22389	0.20%	0.010%
209	13.013	12.990	13.032	VV	5322	72647	0.65%	0.032%
210	13.062	13.032	13.102	VV	7408	139330	1.25%	0.062%
211	13.130	13.102	13.175	VV	34461	408349	3.65%	0.182%
212	13.187	13.175	13.201	VV	281	2904	0.03%	0.001%
213	13.224	13.201	13.241	VV	387	6132	0.05%	0.003%
214	13.287	13.241	13.302	VV	1310	33369	0.30%	0.015%
215	13.319	13.302	13.335	VV	2066	26983	0.24%	0.012%
216	13.346	13.335	13.395	VV	1409	32203	0.29%	0.014%
217	13.431	13.395	13.451	VV	30406	349043	3.12%	0.156%
218	13.465	13.451	13.476	VV	4842	55835	0.50%	0.025%
219	13.512	13.476	13.545	VV	296967	3578851	32.02%	1.596%
220	13.564	13.545	13.586	VV	1518	25837	0.23%	0.012%
221	13.603	13.586	13.619	VV	1568	20608	0.18%	0.009%
222	13.631	13.619	13.652	VV	1125	13652	0.12%	0.006%
223	13.677	13.652	13.737	PV	4096	108225	0.97%	0.048%
224	13.762	13.737	13.807	VV	2700	64280	0.58%	0.029%
225	13.827	13.807	13.841	VV	1908	28000	0.25%	0.012%
226	13.857	13.841	13.867	VV	1587	21382	0.19%	0.010%
227	13.904	13.867	13.970	VV	10409	223402	2.00%	0.100%
228	14.020	13.970	14.055	VV	9342	172565	1.54%	0.077%
229	14.092	14.055	14.103	VV	1608	37693	0.34%	0.017%
230	14.128	14.103	14.151	VV	6818	103910	0.93%	0.046%
231	14.169	14.151	14.195	VV	4302	64637	0.58%	0.029%
232	14.215	14.195	14.236	VV	2730	46045	0.41%	0.021%
233	14.264	14.236	14.284	VV	4248	76963	0.69%	0.034%
234	14.299	14.284	14.321	VV	3949	60488	0.54%	0.027%
235	14.341	14.321	14.375	VV	3343	60936	0.55%	0.027%
236	14.398	14.375	14.438	VV	1845	44750	0.40%	0.020%
237	14.498	14.438	14.529	VV	1915	63265	0.57%	0.028%
238	14.537	14.529	14.579	VV	1042	26947	0.24%	0.012%
239	14.605	14.579	14.618	VV	1087	20010	0.18%	0.009%
240	14.656	14.618	14.681	VV	2160	49987	0.45%	0.022%
241	14.726	14.681	14.749	VV	2676	85797	0.77%	0.038%
242	14.759	14.749	14.801	VV	1778	46173	0.41%	0.021%
243	14.830	14.801	14.876	VV	3557	104037	0.93%	0.046%
244	14.892	14.876	14.911	VV	2495	43661	0.39%	0.019%
245	14.937	14.911	14.979	VV	4283	104569	0.94%	0.047%
246	15.001	14.979	15.022	VV	6003	84903	0.76%	0.038%

rteres

247	15.059	15.022	15.089	VV	2387	75920	0.68%	0.034%
248	15.097	15.089	15.105	VV	1191	10793	0.10%	0.005%
249	15.149	15.105	15.169	VV	2447	64865	0.58%	0.029%
250	15.185	15.169	15.240	VV	1950	55351	0.50%	0.025%
251	15.265	15.240	15.280	VV	1829	28520	0.26%	0.013%
252	15.312	15.280	15.330	VV	18436	242249	2.17%	0.108%
253	15.352	15.330	15.395	VV	19499	293264	2.62%	0.131%
254	15.414	15.395	15.436	VV	1384	29877	0.27%	0.013%
255	15.476	15.436	15.500	VV	4755	86149	0.77%	0.038%
256	15.511	15.500	15.533	VV	1642	25063	0.22%	0.011%
257	15.551	15.533	15.585	VV	1622	29445	0.26%	0.013%
258	15.616	15.585	15.640	VV	1739	40910	0.37%	0.018%
259	15.656	15.640	15.696	VV	1723	41149	0.37%	0.018%
260	15.750	15.696	15.843	VV	19236	343884	3.08%	0.153%
261	15.896	15.843	15.928	VV	2458	72896	0.65%	0.032%
262	15.943	15.928	15.960	VV	2167	30864	0.28%	0.014%
263	15.985	15.960	16.009	VV	6417	97272	0.87%	0.043%
264	16.025	16.009	16.051	VV	2895	41769	0.37%	0.019%
265	16.071	16.051	16.100	VV	2297	39364	0.35%	0.018%
266	16.147	16.100	16.183	VV	4581	121677	1.09%	0.054%
267	16.227	16.183	16.250	VV	2298	52109	0.47%	0.023%
268	16.269	16.250	16.293	VV	1158	20108	0.18%	0.009%
269	16.311	16.293	16.356	VV	1162	22355	0.20%	0.010%
270	16.394	16.356	16.470	VV	1930	53826	0.48%	0.024%
271	16.492	16.470	16.536	PV	425	7026	0.06%	0.003%
272	16.594	16.536	16.610	PV	1318	32231	0.29%	0.014%
273	16.622	16.610	16.639	VV	1107	14882	0.13%	0.007%
274	16.659	16.639	16.671	VV	1105	14026	0.13%	0.006%
275	16.701	16.671	16.720	VV	1740	36654	0.33%	0.016%
276	16.736	16.720	16.743	VV	1522	17979	0.16%	0.008%
277	16.764	16.743	16.819	VV	3688	85213	0.76%	0.038%
278	16.874	16.819	16.935	VV	25843	491613	4.40%	0.219%
279	16.958	16.935	16.978	VV	699	11864	0.11%	0.005%
280	17.006	16.978	17.026	VV	6073	77762	0.70%	0.035%
281	17.040	17.026	17.081	VV	1830	34760	0.31%	0.015%
282	17.126	17.081	17.140	VV	1700	34966	0.31%	0.016%
283	17.195	17.140	17.223	VV	18117	328800	2.94%	0.147%
284	17.252	17.223	17.295	VV	20894	270596	2.42%	0.121%
285	17.354	17.295	17.383	VV	7000	138319	1.24%	0.062%
286	17.397	17.383	17.443	VV	2820	59074	0.53%	0.026%
287	17.499	17.443	17.546	VV	2411	83777	0.75%	0.037%
288	17.561	17.546	17.581	VV	1310	19067	0.17%	0.009%
289	17.617	17.581	17.651	VV	4579	106519	0.95%	0.047%
290	17.661	17.651	17.686	VV	2062	30076	0.27%	0.013%
291	17.712	17.686	17.734	VV	2843	47624	0.43%	0.021%
292	17.752	17.734	17.765	VV	2251	31017	0.28%	0.014%
293	17.791	17.765	17.819	VV	4359	89279	0.80%	0.040%
294	17.840	17.819	17.861	VV	1650	27007	0.24%	0.012%
295	17.916	17.861	17.992	VV	3076	103402	0.93%	0.046%
296	18.028	17.992	18.052	VV	1176	23960	0.21%	0.011%
297	18.098	18.052	18.125	VV	784	18091	0.16%	0.008%
298	18.191	18.125	18.207	PV	1830	47788	0.43%	0.021%
299	18.235	18.207	18.277	VV	4021	81685	0.73%	0.036%

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300	18.324	18.277	18.339	VV	2176	46561	0.42%	0.021%
301	18.350	18.339	18.365	VV	1646	22125	0.20%	0.010%
302	18.415	18.365	18.501	VV	2466	130051	1.16%	0.058%
303	18.533	18.501	18.552	VV	5200	82891	0.74%	0.037%
304	18.592	18.552	18.605	VV	10335	174237	1.56%	0.078%
305	18.624	18.605	18.647	VV	19662	294065	2.63%	0.131%
306	18.661	18.647	18.695	VV	6920	121399	1.09%	0.054%
307	18.709	18.695	18.729	VV	1960	27795	0.25%	0.012%
308	18.759	18.729	18.775	VV	6038	94940	0.85%	0.042%
309	18.789	18.775	18.851	VV	5168	93946	0.84%	0.042%
310	18.879	18.851	18.906	PV	20242	250227	2.24%	0.112%
311	18.919	18.906	18.933	VV	1295	19382	0.17%	0.009%
312	18.963	18.933	18.980	VV	2398	45318	0.41%	0.020%
313	19.010	18.980	19.036	VV	6226	101624	0.91%	0.045%
314	19.067	19.036	19.090	VV	4069	78768	0.70%	0.035%
315	19.105	19.090	19.127	VV	1965	34072	0.30%	0.015%
316	19.191	19.127	19.215	VV	3616	105216	0.94%	0.047%
317	19.242	19.215	19.265	VV	2097	50613	0.45%	0.023%
318	19.285	19.265	19.301	VV	2375	43184	0.39%	0.019%
319	19.313	19.301	19.331	VV	2648	39191	0.35%	0.017%
320	19.356	19.331	19.371	VV	1940	41798	0.37%	0.019%
321	19.425	19.371	19.453	VV	8963	249653	2.23%	0.111%
322	19.480	19.453	19.508	VV	5831	152960	1.37%	0.068%
323	19.557	19.508	19.631	VV	4408	229069	2.05%	0.102%
324	19.639	19.631	19.647	VV	2713	25277	0.23%	0.011%
325	19.669	19.647	19.695	VV	3405	84192	0.75%	0.038%
326	19.722	19.695	19.753	VV	3306	105036	0.94%	0.047%
327	19.770	19.753	19.796	VV	2967	68783	0.62%	0.031%
328	19.853	19.796	19.877	VV	4465	148834	1.33%	0.066%
329	19.900	19.877	19.911	VV	3821	70735	0.63%	0.032%
330	19.928	19.911	19.938	VV	4033	60845	0.54%	0.027%
331	19.965	19.938	19.997	VV	5620	148694	1.33%	0.066%
332	20.037	19.997	20.066	VV	12539	278721	2.49%	0.124%
333	20.103	20.066	20.134	VV	11317	301597	2.70%	0.134%
334	20.154	20.134	20.178	VV	6856	162120	1.45%	0.072%
335	20.195	20.178	20.209	VV	6674	119010	1.06%	0.053%
336	20.227	20.209	20.259	VV	7667	192626	1.72%	0.086%
337	20.287	20.259	20.299	VV	5930	130056	1.16%	0.058%
338	20.319	20.299	20.351	VV	7382	192517	1.72%	0.086%
339	20.414	20.351	20.439	VV	15343	484138	4.33%	0.216%
340	20.482	20.439	20.521	VV	9637	398419	3.56%	0.178%
341	20.557	20.521	20.577	VV	9271	276931	2.48%	0.123%
342	20.593	20.577	20.626	VV	8200	226984	2.03%	0.101%
343	20.689	20.626	20.728	VV	8451	482144	4.31%	0.215%
344	20.762	20.728	20.811	VV	9252	402699	3.60%	0.180%
345	20.838	20.811	20.878	VV	8572	327576	2.93%	0.146%
346	20.914	20.878	20.923	VV	8269	220549	1.97%	0.098%
347	20.961	20.923	21.011	VV	8717	425028	3.80%	0.189%
348	21.118	21.011	21.165	VV	7705	679275	6.08%	0.303%
349	21.170	21.165	21.253	VV	6811	338503	3.03%	0.151%
350	21.279	21.253	21.300	VV	5956	166403	1.49%	0.074%
351	21.311	21.300	21.350	VV	5919	171219	1.53%	0.076%

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352	21.374	21.350	21.426	VV	6309	249261	2.23%	0.111%
353	21.456	21.426	21.536	VV	5471	302809	2.71%	0.135%
354	21.569	21.536	21.608	VV	4108	165130	1.48%	0.074%
355	21.635	21.608	21.660	VV	4090	119407	1.07%	0.053%
356	21.682	21.660	21.712	VV	4224	118614	1.06%	0.053%
357	21.765	21.712	21.801	VV	4081	187036	1.67%	0.083%
358	21.860	21.801	21.889	VV	6283	236359	2.11%	0.105%
359	21.901	21.889	21.925	VV	3584	68904	0.62%	0.031%
360	21.934	21.925	22.008	VV	3028	115794	1.04%	0.052%
361	22.032	22.008	22.057	VV	2563	63587	0.57%	0.028%
362	22.082	22.057	22.143	VV	2651	82758	0.74%	0.037%
363	22.176	22.143	22.231	VV	2863	60683	0.54%	0.027%
364	22.265	22.231	22.297	PV	2523	49301	0.44%	0.022%
365	22.318	22.297	22.346	VV	851	15794	0.14%	0.007%
366	22.371	22.346	22.393	VV	997	16887	0.15%	0.008%

Sum of corrected areas: 224298347

Aliphatic EPH 062725.M Thu Jul 03 05:43:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Operator : YP\AJ
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5DL

Integration File: sample.E
Quant Time: Jul 08 03:30:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.080	2182748	13.441 ug/ml
Spiked Amount 50.000		Recovery = 26.88%	
12) S 1-chlorooctadecane (S...	13.516	1691526	13.394 ug/ml
Spiked Amount 50.000		Recovery = 26.79%	
Target Compounds			

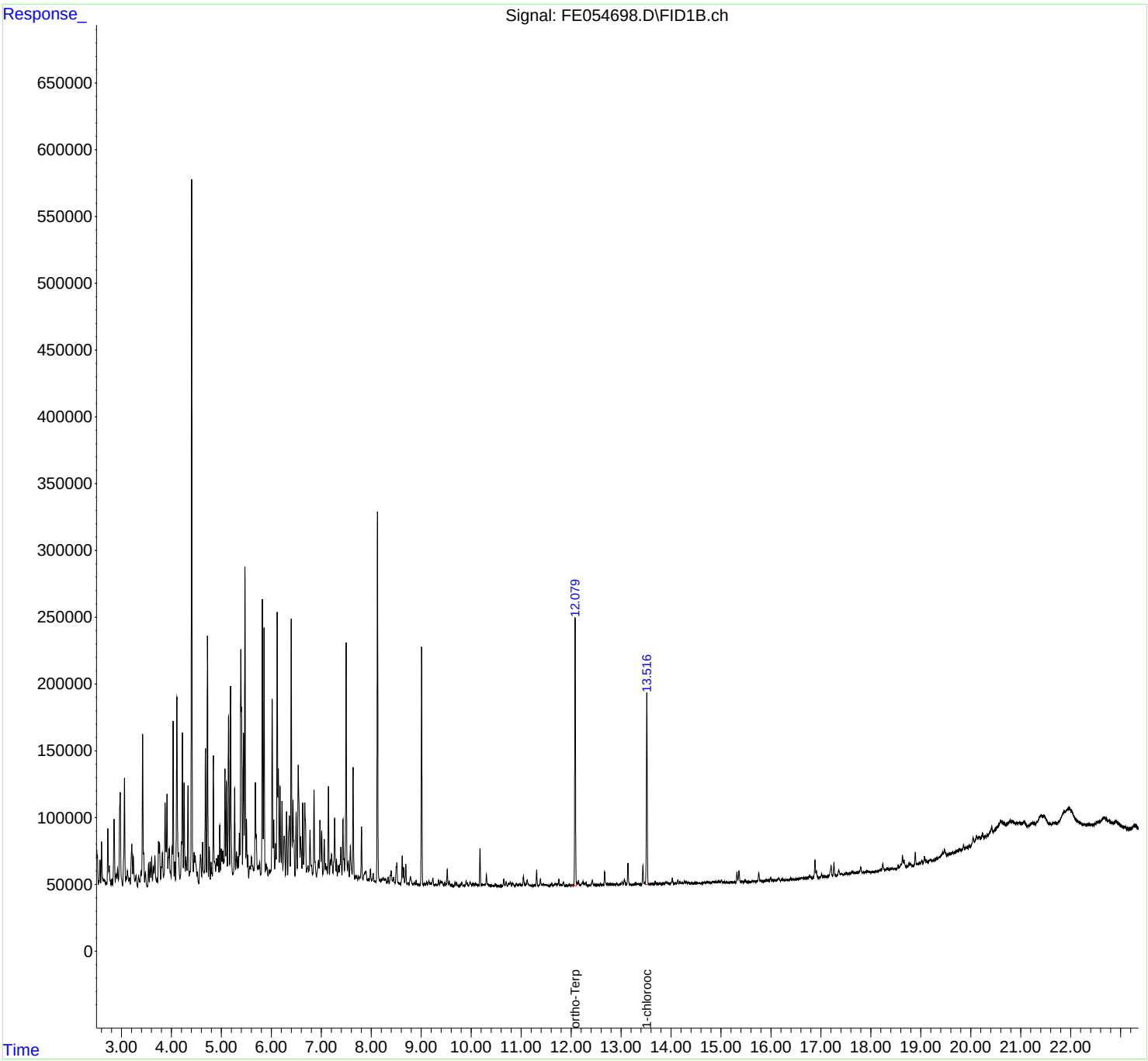
(f)=RT Delta > 1/2 Window (m)=manual int.

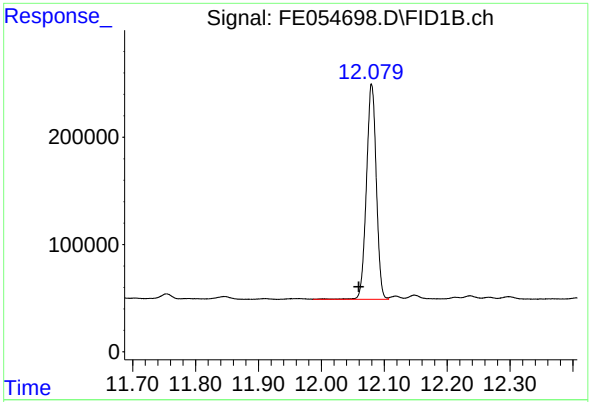
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Operator : YP\AJ
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5DL

Integration File: sample.E
Quant Time: Jul 08 03:30:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

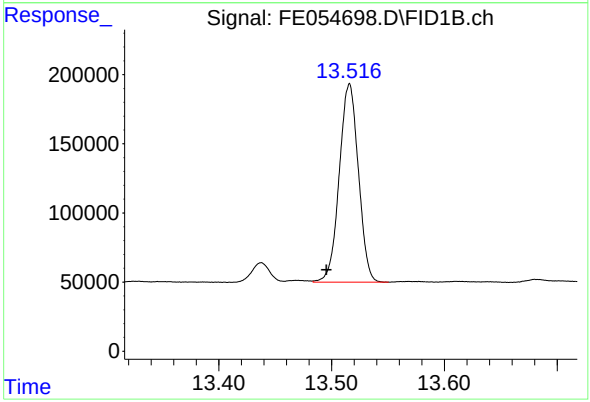




#9 ortho-Terphenyl (SURR)

R.T.: 12.080 min
Delta R.T.: 0.020 min
Response: 2182748
Conc: 13.44 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5DL



#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: 0.020 min
Response: 1691526
Conc: 13.39 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.852	2.804	2.876	BV	46203	549541	10.00%	0.498%
2	2.892	2.876	2.906	PV	6137	77412	1.41%	0.070%
3	2.922	2.906	2.939	VV	10997	124615	2.27%	0.113%
4	2.973	2.939	3.021	VV	69363	1180798	21.49%	1.070%
5	3.060	3.021	3.084	PV	80752	994437	18.10%	0.901%
6	3.096	3.084	3.104	VV	7127	69859	1.27%	0.063%
7	3.118	3.104	3.147	VV	11354	193341	3.52%	0.175%
8	3.162	3.147	3.176	VV	6164	77646	1.41%	0.070%
9	3.206	3.176	3.224	VV	31698	504978	9.19%	0.457%
10	3.237	3.224	3.267	VV	22026	319768	5.82%	0.290%
11	3.290	3.267	3.320	VV	8123	142484	2.59%	0.129%
12	3.343	3.320	3.371	VV	7949	130115	2.37%	0.118%
13	3.390	3.371	3.400	VV	11532	139257	2.53%	0.126%
14	3.424	3.400	3.463	VV	113621	1452862	26.44%	1.316%
15	3.479	3.463	3.518	VV	10936	156445	2.85%	0.142%
16	3.541	3.518	3.556	PV	17093	175059	3.19%	0.159%
17	3.572	3.556	3.587	VV	18559	215114	3.92%	0.195%
18	3.603	3.587	3.621	VV	21982	259673	4.73%	0.235%
19	3.639	3.621	3.651	VV	15363	195691	3.56%	0.177%
20	3.669	3.651	3.700	VV	23297	359593	6.54%	0.326%
21	3.712	3.700	3.724	VV	6236	68434	1.25%	0.062%
22	3.742	3.724	3.752	VV	33931	353799	6.44%	0.320%
23	3.761	3.752	3.784	VV	33057	416762	7.59%	0.378%
24	3.819	3.784	3.841	VV	25308	505319	9.20%	0.458%
25	3.874	3.841	3.893	VV	62384	877339	15.97%	0.795%
26	3.912	3.893	3.929	VV	69096	846544	15.41%	0.767%
27	3.957	3.929	3.994	VV	28687	669835	12.19%	0.607%
28	4.035	3.994	4.055	VV	123785	1562982	28.45%	1.416%
29	4.067	4.055	4.084	VV	18483	213708	3.89%	0.194%
30	4.109	4.084	4.170	VV	140887	2223338	40.47%	2.014%
31	4.221	4.170	4.238	VV	115531	1624008	29.56%	1.471%
32	4.254	4.238	4.277	VV	77234	915040	16.65%	0.829%
33	4.291	4.277	4.311	VV	22416	342757	6.24%	0.310%
34	4.332	4.311	4.356	VV	75903	920784	16.76%	0.834%
35	4.405	4.356	4.438	VV	529599	5494374	100.00%	4.977%
36	4.456	4.438	4.509	VV	25451	763571	13.90%	0.692%

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37	4.520	4.509	4.548	VV	11102	151009	2.75%	0.137%
38	4.582	4.548	4.606	VV	24006	504803	9.19%	0.457%
39	4.624	4.606	4.657	VV	33269	527789	9.61%	0.478%
40	4.681	4.657	4.701	VV	103620	1168483	21.27%	1.058%
41	4.721	4.701	4.742	VV	187490	1896990	34.53%	1.718%
42	4.758	4.742	4.778	VV	29840	371895	6.77%	0.337%
43	4.794	4.778	4.818	VV	17899	276801	5.04%	0.251%
44	4.839	4.818	4.885	VV	97988	1322519	24.07%	1.198%
45	4.906	4.885	4.919	VV	20983	353265	6.43%	0.320%
46	4.934	4.919	4.950	VV	23603	344030	6.26%	0.312%
47	4.966	4.950	4.982	VV	45695	518909	9.44%	0.470%
48	4.998	4.982	5.013	VV	28343	413107	7.52%	0.374%
49	5.027	5.013	5.054	VV	26679	527293	9.60%	0.478%
50	5.071	5.054	5.086	VV	88175	958150	17.44%	0.868%
51	5.101	5.086	5.120	VV	78085	913360	16.62%	0.827%
52	5.143	5.120	5.165	VV	125554	1714107	31.20%	1.553%
53	5.183	5.165	5.229	VV	148851	1966162	35.79%	1.781%
54	5.265	5.229	5.284	VV	73447	946728	17.23%	0.858%
55	5.300	5.284	5.317	VV	25919	386884	7.04%	0.350%
56	5.330	5.317	5.341	VV	22294	269445	4.90%	0.244%
57	5.359	5.341	5.369	VV	39965	477379	8.69%	0.432%
58	5.389	5.369	5.421	VV	177095	3054153	55.59%	2.767%
59	5.442	5.421	5.456	VV	114870	1426968	25.97%	1.293%
60	5.471	5.456	5.490	VV	239004	2390874	43.51%	2.166%
61	5.501	5.490	5.519	VV	50769	577616	10.51%	0.523%
62	5.529	5.519	5.546	VV	23515	256172	4.66%	0.232%
63	5.572	5.546	5.584	VV	15198	296554	5.40%	0.269%
64	5.601	5.584	5.641	VV	22394	573597	10.44%	0.520%
65	5.679	5.641	5.730	VV	77061	1616710	29.42%	1.465%
66	5.743	5.730	5.753	VV	15902	204363	3.72%	0.185%
67	5.765	5.753	5.785	VV	18440	264148	4.81%	0.239%
68	5.819	5.785	5.837	VV	214729	2359893	42.95%	2.138%
69	5.854	5.837	5.879	VV	194685	2083658	37.92%	1.888%
70	5.896	5.879	5.934	VV	16602	425858	7.75%	0.386%
71	5.953	5.934	5.965	VV	12511	194910	3.55%	0.177%
72	5.977	5.965	5.987	VV	12052	156692	2.85%	0.142%
73	6.016	5.987	6.037	VV	139226	1746764	31.79%	1.582%
74	6.048	6.037	6.067	VV	49943	564222	10.27%	0.511%
75	6.086	6.067	6.096	VV	31818	412872	7.51%	0.374%
76	6.117	6.096	6.132	VV	205087	2324086	42.30%	2.105%
77	6.139	6.132	6.158	VV	88948	900095	16.38%	0.815%
78	6.174	6.158	6.197	VV	74970	932436	16.97%	0.845%
79	6.213	6.197	6.231	VV	63460	726906	13.23%	0.658%
80	6.257	6.231	6.283	VV	37718	796294	14.49%	0.721%
81	6.304	6.283	6.327	VV	55971	819972	14.92%	0.743%
82	6.360	6.327	6.378	VV	53223	1047788	19.07%	0.949%
83	6.398	6.378	6.418	VV	200069	2157937	39.28%	1.955%
84	6.433	6.418	6.473	VV	64972	1146942	20.87%	1.039%
85	6.496	6.473	6.517	VV	55101	785600	14.30%	0.712%
86	6.539	6.517	6.574	VV	90834	1803460	32.82%	1.634%
87	6.586	6.574	6.611	VV	37499	603910	10.99%	0.547%
88	6.628	6.611	6.645	VV	62521	711885	12.96%	0.645%
89	6.671	6.645	6.705	VV	61980	1277868	23.26%	1.158%

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90	6.732	6.705	6.749	VV	15648	343703	6.26%	0.311%
91	6.774	6.749	6.823	VV	41755	876537	15.95%	0.794%
92	6.855	6.823	6.903	VV	72178	1144309	20.83%	1.037%
93	6.943	6.903	6.955	VV	19760	439506	8.00%	0.398%
94	6.973	6.955	6.994	VV	48130	775026	14.11%	0.702%
95	7.008	6.994	7.031	VV	41839	545655	9.93%	0.494%
96	7.059	7.031	7.076	VV	35332	549344	10.00%	0.498%
97	7.085	7.076	7.098	VV	17495	201276	3.66%	0.182%
98	7.109	7.098	7.122	VV	15148	191453	3.48%	0.173%
99	7.143	7.122	7.164	VV	74869	861513	15.68%	0.780%
100	7.181	7.164	7.191	VV	19553	259980	4.73%	0.236%
101	7.206	7.191	7.233	VV	24203	454219	8.27%	0.411%
102	7.267	7.233	7.292	VV	50892	881685	16.05%	0.799%
103	7.304	7.292	7.322	VV	20441	255777	4.66%	0.232%
104	7.342	7.322	7.358	VV	15648	274595	5.00%	0.249%
105	7.391	7.358	7.413	VV	29373	600887	10.94%	0.544%
106	7.434	7.413	7.465	VV	50014	803665	14.63%	0.728%
107	7.497	7.465	7.525	VV	183093	2195772	39.96%	1.989%
108	7.539	7.525	7.561	VV	18757	311830	5.68%	0.282%
109	7.581	7.561	7.618	VV	30375	567677	10.33%	0.514%
110	7.636	7.618	7.668	VV	88589	1023393	18.63%	0.927%
111	7.685	7.668	7.698	VV	7745	123626	2.25%	0.112%
112	7.706	7.698	7.724	VV	7241	103824	1.89%	0.094%
113	7.740	7.724	7.755	VV	8084	125967	2.29%	0.114%
114	7.806	7.755	7.834	VV	44772	687515	12.51%	0.623%
115	7.893	7.834	7.920	VV	11286	441110	8.03%	0.400%
116	7.932	7.920	7.956	VV	5517	107695	1.96%	0.098%
117	7.983	7.956	8.009	VV	13214	234740	4.27%	0.213%
118	8.039	8.009	8.059	VV	9740	186816	3.40%	0.169%
119	8.070	8.059	8.094	VV	4198	79146	1.44%	0.072%
120	8.178	8.165	8.192	VV	5372	74267	1.35%	0.067%
121	8.207	8.192	8.217	VV	5236	70950	1.29%	0.064%
122	8.238	8.217	8.255	VV	6854	124665	2.27%	0.113%
123	8.269	8.255	8.281	VV	5536	80521	1.47%	0.073%
124	8.291	8.281	8.315	VV	5493	84971	1.55%	0.077%
125	8.338	8.315	8.358	VV	7214	114730	2.09%	0.104%
126	8.399	8.358	8.424	VV	11619	267136	4.86%	0.242%
127	8.445	8.424	8.476	VV	6812	141790	2.58%	0.128%
128	8.511	8.476	8.585	VV	17818	402812	7.33%	0.365%
129	8.619	8.585	8.635	VV	23040	296907	5.40%	0.269%
130	8.646	8.635	8.667	VV	14143	161258	2.93%	0.146%
131	8.690	8.667	8.721	VV	16513	217503	3.96%	0.197%
132	8.736	8.721	8.753	VV	2827	43485	0.79%	0.039%
133	8.784	8.753	8.844	VV	7295	194534	3.54%	0.176%
134	8.861	8.844	8.877	VV	2982	41451	0.75%	0.038%
135	8.897	8.877	8.931	VV	4710	76742	1.40%	0.070%
136	8.946	8.931	8.962	VV	1843	24694	0.45%	0.022%
137	9.071	9.040	9.088	VV	1891	43612	0.79%	0.040%
138	9.106	9.088	9.131	VV	2865	53720	0.98%	0.049%
139	9.152	9.131	9.178	VV	3844	76863	1.40%	0.070%
140	9.187	9.178	9.196	VV	2060	21027	0.38%	0.019%
141	9.232	9.196	9.259	VV	6211	112925	2.06%	0.102%

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142	9.287	9.259	9.308	VV	1621	36002	0.66%	0.033%
143	9.319	9.308	9.326	VV	1152	11746	0.21%	0.011%
144	9.347	9.326	9.366	VV	4779	61873	1.13%	0.056%
145	9.401	9.366	9.448	VV	3510	126725	2.31%	0.115%
146	9.473	9.448	9.490	VV	2845	42962	0.78%	0.039%
147	9.521	9.490	9.542	VV	12758	157777	2.87%	0.143%
148	9.560	9.542	9.593	VV	4206	59942	1.09%	0.054%
149	9.610	9.593	9.637	VV	736	15101	0.27%	0.014%
150	9.677	9.637	9.693	VV	3163	44454	0.81%	0.040%
151	9.708	9.693	9.744	VV	3196	39455	0.72%	0.036%
152	9.759	9.744	9.774	VV	553	7100	0.13%	0.006%
153	9.815	9.774	9.840	VV	2955	53399	0.97%	0.048%
154	9.857	9.840	9.869	VV	735	9641	0.18%	0.009%
155	9.899	9.869	9.948	VV	4230	78413	1.43%	0.071%
156	9.980	9.948	10.011	VV	3412	69135	1.26%	0.063%
157	10.027	10.011	10.037	VV	1473	18362	0.33%	0.017%
158	10.052	10.037	10.063	VV	1545	21507	0.39%	0.019%
159	10.080	10.063	10.094	VV	2350	32560	0.59%	0.029%
160	10.106	10.094	10.134	VV	1623	27531	0.50%	0.025%
161	10.176	10.134	10.203	VV	28347	310008	5.64%	0.281%
162	10.222	10.203	10.248	VV	1448	31745	0.58%	0.029%
163	10.273	10.248	10.283	VV	1628	28162	0.51%	0.026%
164	10.305	10.283	10.361	VV	8966	127962	2.33%	0.116%
165	10.374	10.361	10.400	VV	637	12568	0.23%	0.011%
166	10.418	10.400	10.454	VV	738	14778	0.27%	0.013%
167	10.488	10.454	10.530	VV	1081	25223	0.46%	0.023%
168	10.545	10.530	10.567	VV	290	4230	0.08%	0.004%
169	10.587	10.567	10.613	PV	484	7069	0.13%	0.006%
170	10.653	10.613	10.676	VV	5474	67350	1.23%	0.061%
171	10.697	10.676	10.723	VV	3069	45108	0.82%	0.041%
172	10.753	10.723	10.768	VV	2306	40101	0.73%	0.036%
173	10.784	10.768	10.810	VV	3139	47802	0.87%	0.043%
174	10.829	10.810	10.869	VV	2435	43597	0.79%	0.039%
175	10.903	10.869	10.937	VV	1624	37957	0.69%	0.034%
176	10.971	10.937	11.014	VV	1783	47280	0.86%	0.043%
177	11.047	11.014	11.090	VV	7458	113172	2.06%	0.103%
178	11.120	11.090	11.222	VV	4436	104192	1.90%	0.094%
179	11.241	11.222	11.260	VV	492	7985	0.15%	0.007%
180	11.275	11.260	11.284	VV	461	5341	0.10%	0.005%
181	11.310	11.284	11.351	VV	11820	128916	2.35%	0.117%
182	11.386	11.351	11.426	VV	5333	81070	1.48%	0.073%
183	11.444	11.426	11.464	VV	1570	24153	0.44%	0.022%
184	11.475	11.464	11.543	VV	805	27436	0.50%	0.025%
185	11.559	11.543	11.578	VV	510	7388	0.13%	0.007%
186	11.615	11.578	11.641	VV	1249	28392	0.52%	0.026%
187	11.681	11.641	11.695	VV	1546	30002	0.55%	0.027%
188	11.704	11.695	11.720	VV	1187	15134	0.28%	0.014%
189	11.754	11.720	11.777	VV	5134	73596	1.34%	0.067%
190	11.788	11.777	11.814	VV	748	13989	0.25%	0.013%
191	11.846	11.814	11.888	VV	2605	44054	0.80%	0.040%
192	11.910	11.888	11.931	VV	665	7726	0.14%	0.007%
193	11.964	11.931	11.988	PV	668	12509	0.23%	0.011%
194	12.003	11.988	12.016	VV	334	4174	0.08%	0.004%

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195	12.080	12.016	12.107	VV	200065	2178771	39.65%	1.974%
196	12.118	12.107	12.132	VV	2944	30411	0.55%	0.028%
197	12.148	12.132	12.189	VV	3855	51652	0.94%	0.047%
198	12.236	12.189	12.254	VV	3201	60663	1.10%	0.055%
199	12.266	12.254	12.280	VV	1773	20047	0.36%	0.018%
200	12.298	12.280	12.336	VV	2307	32437	0.59%	0.029%
201	12.369	12.336	12.383	PV	325	4378	0.08%	0.004%
202	12.425	12.383	12.468	VV	4193	68688	1.25%	0.062%
203	12.474	12.468	12.494	VV	448	5401	0.10%	0.005%
204	12.509	12.494	12.569	VV	413	12570	0.23%	0.011%
205	12.588	12.569	12.611	VV	1322	15105	0.27%	0.014%
206	12.622	12.611	12.631	VV	269	2779	0.05%	0.003%
207	12.671	12.631	12.750	VV	10194	155584	2.83%	0.141%
208	12.766	12.750	12.778	VV	813	10795	0.20%	0.010%
209	12.792	12.778	12.828	VV	1071	20624	0.38%	0.019%
210	12.841	12.828	12.881	VV	973	21324	0.39%	0.019%
211	12.911	12.881	12.949	VV	1257	26675	0.49%	0.024%
212	12.986	12.949	12.997	VV	783	12210	0.22%	0.011%
213	13.020	12.997	13.039	VV	2681	36944	0.67%	0.033%
214	13.066	13.039	13.110	VV	3735	70715	1.29%	0.064%
215	13.138	13.110	13.179	VV	16375	195699	3.56%	0.177%
216	13.188	13.179	13.222	VV	259	4000	0.07%	0.004%
217	13.294	13.222	13.308	VV	1226	19715	0.36%	0.018%
218	13.327	13.308	13.407	VV	937	30043	0.55%	0.027%
219	13.438	13.407	13.459	VV	14377	162367	2.96%	0.147%
220	13.469	13.459	13.481	VV	1555	17577	0.32%	0.016%
221	13.516	13.481	13.551	VV	143051	1703652	31.01%	1.543%
222	13.568	13.551	13.594	VV	725	13079	0.24%	0.012%
223	13.612	13.594	13.657	VV	750	15946	0.29%	0.014%
224	13.682	13.657	13.751	PV	2133	48561	0.88%	0.044%
225	13.769	13.751	13.811	VV	960	17663	0.32%	0.016%
226	13.835	13.811	13.847	VV	799	9870	0.18%	0.009%
227	13.860	13.847	13.874	VV	721	9641	0.18%	0.009%
228	13.899	13.874	13.973	VV	1652	57422	1.05%	0.052%
229	14.026	13.973	14.057	VV	4141	71942	1.31%	0.065%
230	14.096	14.057	14.110	VV	773	16343	0.30%	0.015%
231	14.135	14.110	14.158	VV	3132	45042	0.82%	0.041%
232	14.177	14.158	14.201	VV	1842	26720	0.49%	0.024%
233	14.220	14.201	14.244	VV	1384	19226	0.35%	0.017%
234	14.268	14.244	14.289	VV	2154	33602	0.61%	0.030%
235	14.307	14.289	14.326	VV	1678	24635	0.45%	0.022%
236	14.348	14.326	14.376	VV	1422	22934	0.42%	0.021%
237	14.402	14.376	14.442	VV	761	15812	0.29%	0.014%
238	14.455	14.442	14.464	VV	206	2253	0.04%	0.002%
239	14.505	14.464	14.551	VV	748	23403	0.43%	0.021%
240	14.626	14.551	14.641	VV	381	13317	0.24%	0.012%
241	14.662	14.641	14.682	VV	754	12311	0.22%	0.011%
242	14.735	14.682	14.760	VV	1111	33814	0.62%	0.031%
243	14.767	14.760	14.778	VV	686	6678	0.12%	0.006%
244	14.786	14.778	14.811	VV	532	8257	0.15%	0.007%
245	14.834	14.811	14.854	VV	1488	23552	0.43%	0.021%
246	14.868	14.854	14.881	VV	1035	13109	0.24%	0.012%

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247	14.896	14.881	14.920	VV	1223	18522	0.34%	0.017%
248	14.947	14.920	14.986	VV	1602	38155	0.69%	0.035%
249	15.009	14.986	15.029	VV	2494	34165	0.62%	0.031%
250	15.065	15.029	15.103	VV	741	22821	0.42%	0.021%
251	15.134	15.103	15.143	VV	416	8194	0.15%	0.007%
252	15.153	15.143	15.174	VV	453	6819	0.12%	0.006%
253	15.193	15.174	15.246	VV	703	16039	0.29%	0.015%
254	15.274	15.246	15.294	PV	619	8187	0.15%	0.007%
255	15.319	15.294	15.337	VV	7850	97425	1.77%	0.088%
256	15.361	15.337	15.396	VV	8847	131848	2.40%	0.119%
257	15.419	15.396	15.441	VV	1160	17158	0.31%	0.016%
258	15.451	15.441	15.458	VV	296	2795	0.05%	0.003%
259	15.484	15.458	15.541	VV	1928	36115	0.66%	0.033%
260	15.561	15.541	15.591	VV	447	6496	0.12%	0.006%
261	15.622	15.591	15.648	PV	723	12040	0.22%	0.011%
262	15.677	15.648	15.708	VV	525	13228	0.24%	0.012%
263	15.756	15.708	15.848	VV	6955	122973	2.24%	0.111%
264	15.862	15.848	15.871	PV	214	1627	0.03%	0.001%
265	15.898	15.871	15.938	VV	1176	29021	0.53%	0.026%
266	15.951	15.938	15.965	VV	890	11801	0.21%	0.011%
267	15.994	15.965	16.017	VV	2709	41348	0.75%	0.037%
268	16.032	16.017	16.058	VV	1187	13849	0.25%	0.013%
269	16.080	16.058	16.095	VV	928	10518	0.19%	0.010%
270	16.155	16.095	16.189	VV	1855	47031	0.86%	0.043%
271	16.234	16.189	16.256	VV	1001	17921	0.33%	0.016%
272	16.276	16.256	16.300	VV	377	5826	0.11%	0.005%
273	16.319	16.300	16.340	VV	524	5229	0.10%	0.005%
274	16.357	16.340	16.374	VV	205	2152	0.04%	0.002%
275	16.399	16.374	16.448	PV	1300	27268	0.50%	0.025%
276	16.463	16.448	16.483	VV	407	6016	0.11%	0.005%
277	16.603	16.483	16.624	VV	910	35317	0.64%	0.032%
278	16.630	16.624	16.651	VV	751	9232	0.17%	0.008%
279	16.669	16.651	16.681	VV	690	10045	0.18%	0.009%
280	16.710	16.681	16.728	VV	994	22434	0.41%	0.020%
281	16.771	16.728	16.792	VV	1841	40691	0.74%	0.037%
282	16.801	16.792	16.830	VV	994	15519	0.28%	0.014%
283	16.881	16.830	16.901	VV	13561	194811	3.55%	0.176%
284	16.910	16.901	16.944	VV	4940	57902	1.05%	0.052%
285	16.959	16.944	16.983	VV	460	6188	0.11%	0.006%
286	17.014	16.983	17.034	PV	2821	35749	0.65%	0.032%
287	17.049	17.034	17.088	VV	751	14518	0.26%	0.013%
288	17.134	17.088	17.144	VV	540	9169	0.17%	0.008%
289	17.205	17.144	17.231	VV	8066	150894	2.75%	0.137%
290	17.262	17.231	17.304	VV	10111	128192	2.33%	0.116%
291	17.357	17.304	17.388	VV	4015	84012	1.53%	0.076%
292	17.401	17.388	17.421	VV	1338	23563	0.43%	0.021%
293	17.426	17.421	17.448	VV	967	12060	0.22%	0.011%
294	17.509	17.448	17.551	VV	1451	54477	0.99%	0.049%
295	17.566	17.551	17.582	VV	890	13619	0.25%	0.012%
296	17.625	17.582	17.656	VV	2357	63306	1.15%	0.057%
297	17.667	17.656	17.692	VV	1210	22610	0.41%	0.020%
298	17.722	17.692	17.740	VV	1435	31093	0.57%	0.028%
299	17.799	17.740	17.828	VV	4655	108897	1.98%	0.099%

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300	17.848	17.828	17.868	VV	1044	17755	0.32%	0.016%
301	17.884	17.868	17.903	VV	909	16285	0.30%	0.015%
302	17.924	17.903	17.954	VV	1686	31894	0.58%	0.029%
303	17.968	17.954	18.001	VV	633	10099	0.18%	0.009%
304	18.039	18.001	18.059	VV	500	9153	0.17%	0.008%
305	18.105	18.059	18.118	PV	361	7116	0.13%	0.006%
306	18.195	18.118	18.203	VV	1160	27678	0.50%	0.025%
307	18.239	18.203	18.280	VV	5108	98889	1.80%	0.090%
308	18.329	18.280	18.354	VV	1851	43431	0.79%	0.039%
309	18.360	18.354	18.380	VV	840	8985	0.16%	0.008%
310	18.429	18.380	18.458	VV	897	31427	0.57%	0.028%
311	18.480	18.458	18.498	VV	442	7111	0.13%	0.006%
312	18.543	18.498	18.560	PV	2254	28468	0.52%	0.026%
313	18.602	18.560	18.611	VV	3104	52167	0.95%	0.047%
314	18.633	18.611	18.650	VV	9378	133808	2.44%	0.121%
315	18.665	18.650	18.704	VV	5555	95723	1.74%	0.087%
316	18.721	18.704	18.736	VV	724	9736	0.18%	0.009%
317	18.767	18.736	18.784	VV	2734	43692	0.80%	0.040%
318	18.798	18.784	18.822	VV	1964	30315	0.55%	0.027%
319	18.830	18.822	18.858	VV	579	6456	0.12%	0.006%
320	18.888	18.858	18.914	PV	9732	125610	2.29%	0.114%
321	18.928	18.914	18.944	VV	987	15774	0.29%	0.014%
322	18.972	18.944	18.991	VV	1307	25815	0.47%	0.023%
323	19.020	18.991	19.041	VV	3147	49249	0.90%	0.045%
324	19.075	19.041	19.101	VV	5258	95746	1.74%	0.087%
325	19.115	19.101	19.138	VV	1294	23249	0.42%	0.021%
326	19.198	19.138	19.223	VV	1647	55006	1.00%	0.050%
327	19.254	19.223	19.263	VV	868	18047	0.33%	0.016%
328	19.295	19.263	19.304	VV	1278	26000	0.47%	0.024%
329	19.325	19.304	19.338	VV	1745	31149	0.57%	0.028%
330	19.436	19.338	19.451	VV	5447	205737	3.74%	0.186%
331	19.529	19.519	19.535	VV	2540	23387	0.43%	0.021%
332	19.644	19.583	19.661	VV	3473	140145	2.55%	0.127%
333	19.778	19.661	19.814	VV	4498	341902	6.22%	0.310%
334	19.857	19.814	19.878	VV	6827	189790	3.45%	0.172%
335	19.930	19.917	19.944	VV	4763	75913	1.38%	0.069%
336	19.972	19.944	19.991	VV	5731	141224	2.57%	0.128%
337	20.045	19.991	20.073	VV	10885	376993	6.86%	0.342%
338	20.114	20.073	20.136	VV	11554	366245	6.67%	0.332%
339	20.175	20.136	20.192	VV	10512	345009	6.28%	0.313%
340	20.290	20.268	20.304	VV	9966	208609	3.80%	0.189%
341	20.327	20.304	20.341	VV	10634	229183	4.17%	0.208%
342	20.599	20.444	20.697	VV	19403	2382498	43.36%	2.158%

Sum of corrected areas: 110391554

Aliphatic EPH 062725.M Tue Jul 08 05:45:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX6

Integration File: autoint1.e
Quant Time: Jul 03 05:11:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	5216494	32.122 ug/ml
Spiked Amount 50.000		Recovery =	64.24%
12) S 1-chlorooctadecane (S...	13.512	4042898	32.012 ug/ml
Spiked Amount 50.000		Recovery =	64.02%
Target Compounds			

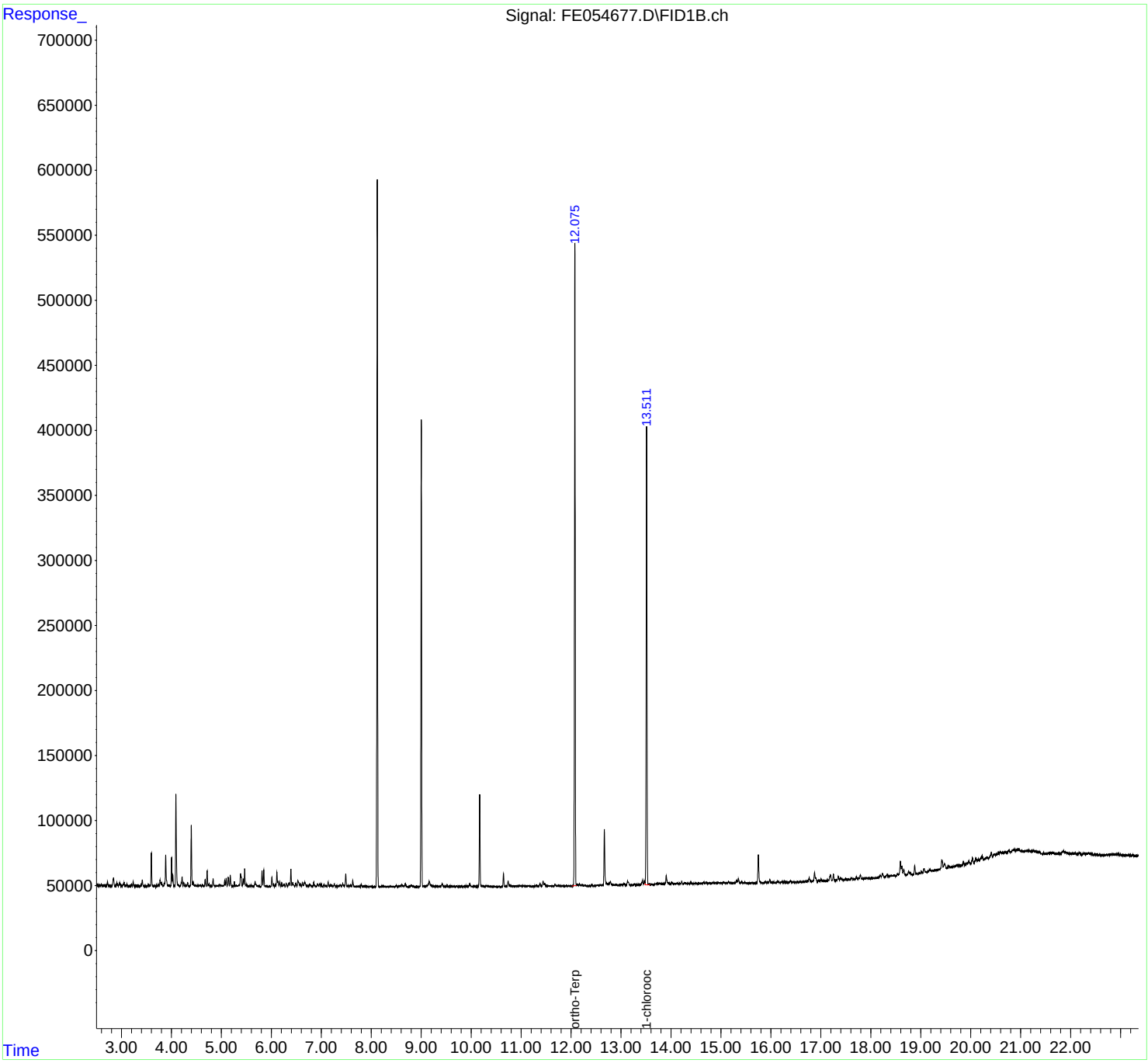
(f)=RT Delta > 1/2 Window (m)=manual int.

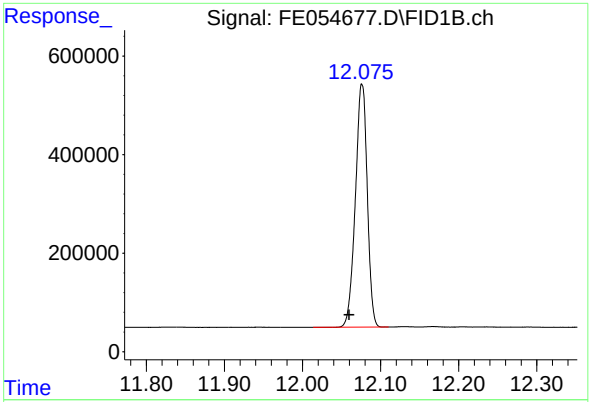
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX6

Integration File: autoint1.e
Quant Time: Jul 03 05:11:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

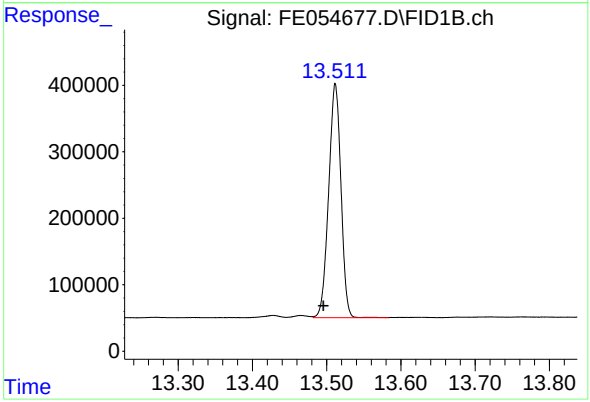




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 5216494
Conc: 32.12 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX6



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 4042898
Conc: 32.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.841	2.804	2.869	BV	6510	91851	1.75%	0.293%
2	2.908	2.869	2.936	VV	2555	37010	0.71%	0.118%
3	2.966	2.936	3.013	VV	2474	47791	0.91%	0.152%
4	3.053	3.013	3.076	VV	2818	40717	0.78%	0.130%
5	3.109	3.076	3.141	VV	1648	20927	0.40%	0.067%
6	3.154	3.141	3.174	VV	244	2265	0.04%	0.007%
7	3.200	3.174	3.215	PV	1128	16348	0.31%	0.052%
8	3.234	3.215	3.261	VV	3729	42704	0.82%	0.136%
9	3.287	3.261	3.317	VV	690	15262	0.29%	0.049%
10	3.334	3.317	3.361	VV	368	6939	0.13%	0.022%
11	3.417	3.361	3.455	VV	5200	79774	1.52%	0.254%
12	3.469	3.455	3.511	VV	421	6480	0.12%	0.021%
13	3.533	3.511	3.550	PV	1439	16350	0.31%	0.052%
14	3.565	3.550	3.576	VV	880	9995	0.19%	0.032%
15	3.598	3.576	3.644	VV	25840	248567	4.75%	0.792%
16	3.663	3.644	3.686	VV	911	13186	0.25%	0.042%
17	3.702	3.686	3.717	VV	756	8362	0.16%	0.027%
18	3.736	3.717	3.746	VV	1346	15338	0.29%	0.049%
19	3.772	3.746	3.798	VV	5140	78225	1.49%	0.249%
20	3.807	3.798	3.834	VV	2304	30329	0.58%	0.097%
21	3.886	3.834	3.924	VV	24391	307645	5.87%	0.980%
22	3.949	3.924	3.980	VV	1014	20978	0.40%	0.067%
23	4.003	3.980	4.018	VV	22353	214435	4.09%	0.683%
24	4.028	4.018	4.050	VV	9045	85339	1.63%	0.272%
25	4.061	4.050	4.067	VV	758	5966	0.11%	0.019%
26	4.091	4.067	4.160	VV	70316	755048	14.42%	2.406%
27	4.214	4.160	4.232	VV	7454	104659	2.00%	0.333%
28	4.248	4.232	4.272	VV	3016	37535	0.72%	0.120%
29	4.285	4.272	4.305	VV	870	13629	0.26%	0.043%
30	4.325	4.305	4.351	VV	3061	36725	0.70%	0.117%
31	4.398	4.351	4.421	VV	47176	467878	8.93%	1.491%
32	4.434	4.421	4.463	VV	4140	53584	1.02%	0.171%
33	4.471	4.463	4.504	VV	984	17222	0.33%	0.055%
34	4.532	4.504	4.547	VV	1598	20238	0.39%	0.064%
35	4.577	4.547	4.601	VV	1165	26190	0.50%	0.083%
36	4.618	4.601	4.650	VV	1682	22747	0.43%	0.072%

rteres

37	4.675	4.650	4.695	VV	5486	61993	1.18%	0.198%
38	4.716	4.695	4.736	VV	12138	122450	2.34%	0.390%
39	4.752	4.736	4.773	VV	1901	23941	0.46%	0.076%
40	4.788	4.773	4.814	VV	918	12113	0.23%	0.039%
41	4.834	4.814	4.881	VV	5982	71836	1.37%	0.229%
42	4.902	4.881	4.915	VV	977	13940	0.27%	0.044%
43	4.928	4.915	4.943	VV	948	12151	0.23%	0.039%
44	4.960	4.943	4.976	VV	1863	20522	0.39%	0.065%
45	4.991	4.976	5.011	VV	1045	16140	0.31%	0.051%
46	5.021	5.011	5.033	VV	935	10327	0.20%	0.033%
47	5.065	5.033	5.080	VV	4912	56946	1.09%	0.181%
48	5.095	5.080	5.115	VV	6584	68880	1.32%	0.219%
49	5.137	5.115	5.159	VV	7275	92300	1.76%	0.294%
50	5.177	5.159	5.223	VV	9087	107371	2.05%	0.342%
51	5.260	5.223	5.279	VV	4125	45214	0.86%	0.144%
52	5.295	5.279	5.311	VV	1034	14509	0.28%	0.046%
53	5.325	5.311	5.336	VV	935	10875	0.21%	0.035%
54	5.352	5.336	5.363	VV	1537	17904	0.34%	0.057%
55	5.383	5.363	5.416	VV	10132	169140	3.23%	0.539%
56	5.437	5.416	5.450	VV	6058	69040	1.32%	0.220%
57	5.466	5.450	5.484	VV	13796	134658	2.57%	0.429%
58	5.496	5.484	5.514	VV	1928	21709	0.41%	0.069%
59	5.523	5.514	5.541	VV	1057	9043	0.17%	0.029%
60	5.563	5.541	5.577	PV	702	9970	0.19%	0.032%
61	5.595	5.577	5.609	VV	870	12279	0.23%	0.039%
62	5.621	5.609	5.645	VV	813	11776	0.22%	0.038%
63	5.674	5.645	5.725	VV	4171	70889	1.35%	0.226%
64	5.738	5.725	5.746	VV	518	5423	0.10%	0.017%
65	5.760	5.746	5.780	VV	707	7979	0.15%	0.025%
66	5.814	5.780	5.831	VV	12434	127804	2.44%	0.407%
67	5.848	5.831	5.962	VV	13042	158906	3.03%	0.506%
68	6.010	5.962	6.031	VV	7320	88795	1.70%	0.283%
69	6.042	6.031	6.061	VV	2372	25307	0.48%	0.081%
70	6.081	6.061	6.091	VV	1585	18223	0.35%	0.058%
71	6.111	6.091	6.152	VV	11292	166963	3.19%	0.532%
72	6.168	6.152	6.190	VV	4205	46894	0.90%	0.149%
73	6.208	6.190	6.225	VV	3375	36029	0.69%	0.115%
74	6.251	6.225	6.277	VV	1738	36167	0.69%	0.115%
75	6.298	6.277	6.321	VV	2764	36853	0.70%	0.117%
76	6.356	6.321	6.372	VV	3151	57238	1.09%	0.182%
77	6.391	6.372	6.412	VV	13693	141324	2.70%	0.450%
78	6.428	6.412	6.468	VV	3321	55546	1.06%	0.177%
79	6.491	6.468	6.512	VV	2752	38042	0.73%	0.121%
80	6.533	6.512	6.569	VV	4827	95845	1.83%	0.305%
81	6.581	6.569	6.606	VV	2038	32326	0.62%	0.103%
82	6.623	6.606	6.640	VV	3231	36910	0.70%	0.118%
83	6.664	6.640	6.702	VV	3563	75217	1.44%	0.240%
84	6.712	6.702	6.718	VV	761	6875	0.13%	0.022%
85	6.728	6.718	6.747	VV	778	12517	0.24%	0.040%
86	6.768	6.747	6.824	VV	2246	47336	0.90%	0.151%
87	6.849	6.824	6.898	VV	3690	53952	1.03%	0.172%
88	6.928	6.898	6.950	VV	2292	34647	0.66%	0.110%
89	6.968	6.950	6.991	VV	2401	37564	0.72%	0.120%

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90	7.002	6.991	7.025	VV	1949	22390	0.43%	0.071%
91	7.054	7.025	7.091	VV	1681	31650	0.60%	0.101%
92	7.102	7.091	7.116	VV	623	8130	0.16%	0.026%
93	7.137	7.116	7.158	VV	3800	41274	0.79%	0.132%
94	7.177	7.158	7.189	VV	1134	15085	0.29%	0.048%
95	7.201	7.189	7.228	VV	1090	18754	0.36%	0.060%
96	7.261	7.228	7.288	VV	2509	39675	0.76%	0.126%
97	7.300	7.288	7.316	VV	982	10774	0.21%	0.034%
98	7.335	7.316	7.350	VV	640	9832	0.19%	0.031%
99	7.387	7.350	7.407	VV	1422	28247	0.54%	0.090%
100	7.428	7.407	7.460	VV	2495	39071	0.75%	0.124%
101	7.490	7.460	7.519	VV	10119	118908	2.27%	0.379%
102	7.535	7.519	7.556	VV	1121	16855	0.32%	0.054%
103	7.575	7.556	7.611	VV	1534	27129	0.52%	0.086%
104	7.630	7.611	7.664	VV	5022	55582	1.06%	0.177%
105	7.698	7.664	7.721	VV	376	10505	0.20%	0.033%
106	7.735	7.721	7.751	VV	354	4729	0.09%	0.015%
107	7.800	7.751	7.834	VV	2218	30700	0.59%	0.098%
108	7.880	7.834	7.917	VV	554	17586	0.34%	0.056%
109	7.927	7.917	7.958	VV	266	3036	0.06%	0.010%
110	7.978	7.958	8.007	VV	562	7503	0.14%	0.024%
111	8.033	8.007	8.075	VV	346	6449	0.12%	0.021%
112	8.170	8.164	8.188	VV	273	2559	0.05%	0.008%
113	8.230	8.188	8.251	VV	675	15751	0.30%	0.050%
114	8.261	8.251	8.276	VV	555	6269	0.12%	0.020%
115	8.289	8.276	8.312	VV	612	6728	0.13%	0.021%
116	8.336	8.312	8.361	VV	410	5687	0.11%	0.018%
117	8.392	8.361	8.424	VV	644	14654	0.28%	0.047%
118	8.440	8.424	8.473	VV	420	6128	0.12%	0.020%
119	8.505	8.473	8.541	PV	984	19269	0.37%	0.061%
120	8.612	8.541	8.630	VV	1700	40940	0.78%	0.130%
121	8.640	8.630	8.654	VV	886	9688	0.18%	0.031%
122	8.684	8.654	8.747	VV	2319	46052	0.88%	0.147%
123	8.801	8.747	8.874	VV	1461	36322	0.69%	0.116%
124	8.892	8.874	8.908	VV	299	4240	0.08%	0.014%
125	8.919	8.908	8.928	VV	194	1640	0.03%	0.005%
126	8.941	8.928	8.957	VV	137	1915	0.04%	0.006%
127	9.056	9.038	9.084	VV	560	13281	0.25%	0.042%
128	9.160	9.084	9.214	VV	4342	126122	2.41%	0.402%
129	9.225	9.214	9.277	VV	957	20982	0.40%	0.067%
130	9.298	9.277	9.309	VV	646	9635	0.18%	0.031%
131	9.314	9.309	9.328	VV	532	5213	0.10%	0.017%
132	9.339	9.328	9.364	VV	389	7034	0.13%	0.022%
133	9.379	9.364	9.387	VV	426	5132	0.10%	0.016%
134	9.418	9.387	9.457	VV	2230	44384	0.85%	0.141%
135	9.466	9.457	9.488	VV	417	5379	0.10%	0.017%
136	9.515	9.488	9.546	VV	1283	20666	0.39%	0.066%
137	9.554	9.546	9.588	VV	507	7236	0.14%	0.023%
138	9.608	9.588	9.640	VV	221	4503	0.09%	0.014%
139	9.667	9.640	9.684	VV	339	5679	0.11%	0.018%
140	9.705	9.684	9.738	VV	470	8413	0.16%	0.027%
141	9.756	9.738	9.787	VV	232	3103	0.06%	0.010%

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142	9.807	9.787	9.833	VV	240	3305	0.06%	0.011%
143	9.849	9.833	9.864	PV	262	2951	0.06%	0.009%
144	9.894	9.864	9.931	VV	535	13731	0.26%	0.044%
145	9.972	9.931	10.018	VV	1774	38462	0.73%	0.123%
146	10.035	10.018	10.061	VV	456	9597	0.18%	0.031%
147	10.073	10.061	10.118	VV	365	8534	0.16%	0.027%
148	10.171	10.118	10.280	VV	71275	743928	14.20%	2.370%
149	10.300	10.280	10.318	VV	959	12688	0.24%	0.040%
150	10.326	10.318	10.362	VV	584	8183	0.16%	0.026%
151	10.406	10.362	10.431	VV	228	5294	0.10%	0.017%
152	10.464	10.431	10.494	VV	190	5391	0.10%	0.017%
153	10.503	10.494	10.519	VV	144	1002	0.02%	0.003%
154	10.527	10.519	10.534	PV	35	293	0.01%	0.001%
155	10.543	10.534	10.577	VV	90	1001	0.02%	0.003%
156	10.587	10.577	10.615	VV	75	1014	0.02%	0.003%
157	10.647	10.615	10.675	PV	10175	108409	2.07%	0.345%
158	10.692	10.675	10.704	VV	419	5465	0.10%	0.017%
159	10.740	10.704	10.810	VV	4230	80821	1.54%	0.258%
160	10.825	10.810	10.877	VV	476	13592	0.26%	0.043%
161	10.888	10.877	10.898	VV	393	3642	0.07%	0.012%
162	10.904	10.898	10.918	VV	349	3467	0.07%	0.011%
163	10.967	10.918	10.984	VV	573	17026	0.33%	0.054%
164	10.995	10.984	11.012	VV	607	7161	0.14%	0.023%
165	11.041	11.012	11.082	VV	911	17647	0.34%	0.056%
166	11.115	11.082	11.127	VV	515	9417	0.18%	0.030%
167	11.145	11.127	11.171	VV	675	11626	0.22%	0.037%
168	11.184	11.171	11.213	VV	305	4889	0.09%	0.016%
169	11.267	11.213	11.278	VV	151	4827	0.09%	0.015%
170	11.303	11.278	11.336	VV	1380	17082	0.33%	0.054%
171	11.378	11.336	11.402	VV	2689	34999	0.67%	0.112%
172	11.440	11.402	11.458	VV	4211	60529	1.16%	0.193%
173	11.471	11.458	11.544	VV	2120	40133	0.77%	0.128%
174	11.559	11.544	11.572	VV	254	3423	0.07%	0.011%
175	11.591	11.572	11.641	VV	316	7704	0.15%	0.025%
176	11.679	11.641	11.704	VV	1594	23413	0.45%	0.075%
177	11.748	11.704	11.791	VV	766	19925	0.38%	0.063%
178	11.829	11.791	11.871	VV	487	12423	0.24%	0.040%
179	11.910	11.871	11.928	PV	226	3899	0.07%	0.012%
180	11.944	11.928	12.006	VV	370	7518	0.14%	0.024%
181	12.076	12.006	12.111	VV	498599	5237224	100.00%	16.687%
182	12.131	12.111	12.150	VV	1419	23450	0.45%	0.075%
183	12.167	12.150	12.190	VV	1566	23985	0.46%	0.076%
184	12.205	12.190	12.219	VV	1017	12532	0.24%	0.040%
185	12.234	12.219	12.274	VV	822	17661	0.34%	0.056%
186	12.289	12.274	12.315	VV	547	8000	0.15%	0.025%
187	12.357	12.315	12.371	PV	144	2593	0.05%	0.008%
188	12.416	12.371	12.449	VV	728	14661	0.28%	0.047%
189	12.470	12.449	12.482	VV	297	3707	0.07%	0.012%
190	12.536	12.482	12.564	VV	633	18718	0.36%	0.060%
191	12.581	12.564	12.624	VV	556	16324	0.31%	0.052%
192	12.666	12.624	12.740	VV	43354	562683	10.74%	1.793%
193	12.756	12.740	12.768	VV	1507	21265	0.41%	0.068%
194	12.787	12.768	12.837	VV	3402	62799	1.20%	0.200%

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195	12.851	12.837	12.888	VV	650	17371	0.33%	0.055%
196	12.902	12.888	12.938	VV	707	14489	0.28%	0.046%
197	12.958	12.938	12.974	VV	408	7538	0.14%	0.024%
198	13.005	12.974	13.030	VV	817	17283	0.33%	0.055%
199	13.060	13.030	13.106	VV	1372	28926	0.55%	0.092%
200	13.130	13.106	13.202	VV	3117	70838	1.35%	0.226%
201	13.211	13.202	13.218	VV	147	1333	0.03%	0.004%
202	13.236	13.218	13.247	VV	289	3429	0.07%	0.011%
203	13.269	13.247	13.303	VV	785	14451	0.28%	0.046%
204	13.321	13.303	13.343	VV	493	7448	0.14%	0.024%
205	13.372	13.343	13.390	VV	365	8314	0.16%	0.026%
206	13.428	13.390	13.446	VV	3569	55040	1.05%	0.175%
207	13.465	13.446	13.480	VV	3483	44900	0.86%	0.143%
208	13.512	13.480	13.546	VV	351937	4047650	77.29%	12.897%
209	13.563	13.546	13.583	VV	533	9343	0.18%	0.030%
210	13.625	13.583	13.654	VV	544	15213	0.29%	0.048%
211	13.678	13.654	13.692	VV	830	12899	0.25%	0.041%
212	13.720	13.692	13.744	VV	1104	27818	0.53%	0.089%
213	13.764	13.744	13.784	VV	1070	21478	0.41%	0.068%
214	13.795	13.784	13.811	VV	837	12584	0.24%	0.040%
215	13.827	13.811	13.841	VV	721	11797	0.23%	0.038%
216	13.854	13.841	13.865	VV	733	9063	0.17%	0.029%
217	13.905	13.865	13.983	VV	6975	144881	2.77%	0.462%
218	14.018	13.983	14.048	VV	1989	43767	0.84%	0.139%
219	14.062	14.048	14.071	VV	716	8877	0.17%	0.028%
220	14.085	14.071	14.098	VV	636	9551	0.18%	0.030%
221	14.126	14.098	14.148	VV	1014	22039	0.42%	0.070%
222	14.170	14.148	14.188	VV	914	16191	0.31%	0.052%
223	14.215	14.188	14.238	VV	2149	33209	0.63%	0.106%
224	14.263	14.238	14.283	VV	1118	22884	0.44%	0.073%
225	14.295	14.283	14.317	VV	993	16612	0.32%	0.053%
226	14.337	14.317	14.367	VV	779	19882	0.38%	0.063%
227	14.395	14.367	14.430	VV	1306	28848	0.55%	0.092%
228	14.494	14.430	14.544	VV	703	36248	0.69%	0.115%
229	14.575	14.544	14.588	VV	481	11890	0.23%	0.038%
230	14.604	14.588	14.614	VV	504	7281	0.14%	0.023%
231	14.654	14.614	14.678	VV	1609	32001	0.61%	0.102%
232	14.703	14.678	14.740	VV	1323	29143	0.56%	0.093%
233	14.760	14.740	14.772	VV	722	12307	0.23%	0.039%
234	14.780	14.772	14.801	VV	710	9728	0.19%	0.031%
235	14.844	14.801	14.877	VV	1031	33532	0.64%	0.107%
236	14.897	14.877	14.919	VV	742	15811	0.30%	0.050%
237	14.953	14.919	14.977	VV	1101	28494	0.54%	0.091%
238	15.002	14.977	15.022	VV	1032	17455	0.33%	0.056%
239	15.055	15.022	15.097	VV	1032	25012	0.48%	0.080%
240	15.149	15.097	15.194	VV	1677	39644	0.76%	0.126%
241	15.210	15.194	15.242	VV	622	12125	0.23%	0.039%
242	15.266	15.242	15.284	VV	709	10683	0.20%	0.034%
243	15.311	15.284	15.326	VV	2610	35542	0.68%	0.113%
244	15.350	15.326	15.391	VV	3467	63915	1.22%	0.204%
245	15.415	15.391	15.450	VV	1178	18986	0.36%	0.060%
246	15.476	15.450	15.528	VV	937	18976	0.36%	0.060%

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247	15.556	15.528	15.585	VV	288	4712	0.09%	0.015%
248	15.628	15.585	15.638	PV	313	6477	0.12%	0.021%
249	15.647	15.638	15.703	VV	264	6729	0.13%	0.021%
250	15.748	15.703	15.836	VV	21787	316268	6.04%	1.008%
251	15.852	15.836	15.867	VV	264	3281	0.06%	0.010%
252	15.892	15.867	15.927	VV	1120	18990	0.36%	0.061%
253	15.978	15.927	16.006	VV	2034	40253	0.77%	0.128%
254	16.024	16.006	16.058	VV	457	7806	0.15%	0.025%
255	16.069	16.058	16.084	VV	155	1809	0.03%	0.006%
256	16.148	16.084	16.184	PV	846	23137	0.44%	0.074%
257	16.226	16.184	16.248	VV	878	16824	0.32%	0.054%
258	16.268	16.248	16.293	VV	747	11986	0.23%	0.038%
259	16.309	16.293	16.325	VV	365	5006	0.10%	0.016%
260	16.333	16.325	16.365	VV	190	3424	0.07%	0.011%
261	16.394	16.365	16.441	VV	1234	21390	0.41%	0.068%
262	16.455	16.441	16.492	VV	348	4776	0.09%	0.015%
263	16.505	16.492	16.517	VV	155	1289	0.02%	0.004%
264	16.529	16.517	16.539	VV	121	930	0.02%	0.003%
265	16.597	16.539	16.640	PV	472	11980	0.23%	0.038%
266	16.702	16.640	16.717	VV	540	12249	0.23%	0.039%
267	16.766	16.717	16.820	VV	3092	63219	1.21%	0.201%
268	16.873	16.820	16.928	VV	7063	131614	2.51%	0.419%
269	16.959	16.928	16.979	VV	521	8045	0.15%	0.026%
270	17.004	16.979	17.028	VV	1533	20489	0.39%	0.065%
271	17.041	17.028	17.103	VV	404	9483	0.18%	0.030%
272	17.127	17.103	17.138	PV	682	7991	0.15%	0.025%
273	17.194	17.138	17.223	VV	4632	92560	1.77%	0.295%
274	17.251	17.223	17.293	VV	5101	65098	1.24%	0.207%
275	17.350	17.293	17.374	VV	2760	48635	0.93%	0.155%
276	17.396	17.374	17.448	VV	1839	38800	0.74%	0.124%
277	17.494	17.448	17.531	VV	626	17452	0.33%	0.056%
278	17.562	17.531	17.580	VV	363	7236	0.14%	0.023%
279	17.616	17.580	17.648	VV	1257	27492	0.52%	0.088%
280	17.663	17.648	17.684	VV	462	7304	0.14%	0.023%
281	17.709	17.684	17.734	VV	1859	28162	0.54%	0.090%
282	17.793	17.734	17.822	VV	3314	66091	1.26%	0.211%
283	17.841	17.822	17.858	PV	449	5188	0.10%	0.017%
284	17.881	17.858	17.896	VV	799	11229	0.21%	0.036%
285	17.917	17.896	17.944	VV	783	16623	0.32%	0.053%
286	17.963	17.944	17.993	VV	349	6837	0.13%	0.022%
287	18.022	17.993	18.058	VV	374	7170	0.14%	0.023%
288	18.098	18.058	18.109	PV	308	6146	0.12%	0.020%
289	18.114	18.109	18.121	VV	186	847	0.02%	0.003%
290	18.189	18.121	18.208	VV	1876	39968	0.76%	0.127%
291	18.234	18.208	18.268	VV	3288	58143	1.11%	0.185%
292	18.324	18.268	18.368	VV	2073	50931	0.97%	0.162%
293	18.399	18.368	18.412	VV	990	18865	0.36%	0.060%
294	18.426	18.412	18.444	VV	915	15190	0.29%	0.048%
295	18.474	18.444	18.496	VV	1112	23644	0.45%	0.075%
296	18.534	18.496	18.549	VV	1887	32129	0.61%	0.102%
297	18.593	18.549	18.610	VV	11461	190667	3.64%	0.608%
298	18.622	18.610	18.642	VV	7441	104376	1.99%	0.333%
299	18.660	18.642	18.694	VV	4824	85448	1.63%	0.272%

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300	18.707	18.694	18.726	VV	883	12993	0.25%	0.041%
301	18.757	18.726	18.774	VV	2888	49803	0.95%	0.159%
302	18.788	18.774	18.848	VV	1989	39656	0.76%	0.126%
303	18.878	18.848	18.909	PV	6877	91394	1.75%	0.291%
304	18.924	18.909	18.936	VV	558	8176	0.16%	0.026%
305	18.966	18.936	18.988	VV	808	17794	0.34%	0.057%
306	19.010	18.988	19.033	VV	2095	33883	0.65%	0.108%
307	19.066	19.033	19.123	VV	4133	97181	1.86%	0.310%
308	19.189	19.123	19.221	VV	2450	93888	1.79%	0.299%
309	19.240	19.221	19.258	VV	1652	31729	0.61%	0.101%
310	19.284	19.258	19.301	VV	1837	39690	0.76%	0.126%
311	19.316	19.301	19.325	VV	1686	22613	0.43%	0.072%
312	19.423	19.325	19.451	VV	8919	272015	5.19%	0.867%
313	19.477	19.451	19.511	VV	5609	153446	2.93%	0.489%
314	19.557	19.511	19.596	VV	3505	145359	2.78%	0.463%
315	19.607	19.596	19.625	VV	2783	45346	0.87%	0.144%
316	19.672	19.625	19.691	VV	3055	108984	2.08%	0.347%
317	19.724	19.691	19.758	VV	3540	124372	2.37%	0.396%
318	19.771	19.758	19.789	VV	3101	53418	1.02%	0.170%
319	19.853	19.789	19.881	VV	4999	188753	3.60%	0.601%
320	19.962	19.881	19.995	VV	5315	272087	5.20%	0.867%
321	20.036	19.995	20.064	VV	7764	214220	4.09%	0.683%
322	20.101	20.064	20.129	VV	7002	215346	4.11%	0.686%
323	20.151	20.129	20.174	VV	6007	148962	2.84%	0.475%
324	20.229	20.174	20.256	VV	8065	322374	6.16%	1.027%
325	20.321	20.256	20.353	VV	6671	355023	6.78%	1.131%
326	20.414	20.353	20.438	VV	10094	384873	7.35%	1.226%
327	20.481	20.438	20.496	VV	8721	282997	5.40%	0.902%
328	20.554	20.496	20.571	VV	9295	386340	7.38%	1.231%
329	20.594	20.571	20.617	VV	9862	252841	4.83%	0.806%
330	20.634	20.617	20.654	VV	9115	202900	3.87%	0.646%
331	20.678	20.654	20.726	VV	9244	383156	7.32%	1.221%
332	20.762	20.726	20.798	VV	10615	398423	7.61%	1.269%
333	20.846	20.798	20.911	VV	10266	660870	12.62%	2.106%
334	20.956	20.911	21.052	VV	10332	785628	15.00%	2.503%
335	21.071	21.052	21.082	VV	8342	146954	2.81%	0.468%
336	21.089	21.082	21.111	VV	8224	142877	2.73%	0.455%
337	21.145	21.111	21.218	VV	8162	507713	9.69%	1.618%
338	21.224	21.218	21.254	VV	7677	163992	3.13%	0.523%
339	21.283	21.254	21.335	VV	7283	333826	6.37%	1.064%
340	21.369	21.335	21.438	VV	6512	339236	6.48%	1.081%
341	21.458	21.438	21.481	VV	4748	118804	2.27%	0.379%
342	21.491	21.481	21.518	VV	4358	91114	1.74%	0.290%
343	21.568	21.518	21.620	VV	4454	257893	4.92%	0.822%
344	21.662	21.620	21.711	VV	4014	204684	3.91%	0.652%
345	21.768	21.711	21.791	VV	3352	149770	2.86%	0.477%
346	21.859	21.791	21.888	VV	4493	215023	4.11%	0.685%
347	21.905	21.888	22.010	VV	3491	193645	3.70%	0.617%
348	22.038	22.010	22.061	VV	2162	59081	1.13%	0.188%
349	22.084	22.061	22.144	VV	2155	80123	1.53%	0.255%
350	22.174	22.144	22.227	VV	1880	54680	1.04%	0.174%
351	22.262	22.227	22.291	VV	1164	27653	0.53%	0.088%

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352 22.323  22.291  22.337  VV      555     12536   0.24%  0.040%
353 22.370  22.337  22.392  VV      767     16590   0.32%  0.053%
                     Sum of corrected areas:    31385160

Aliphatic EPH 062725.M Thu Jul 03 05:44:12 2025
```

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Operator : YP\AJ
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX7

Integration File: autoint1.e
Quant Time: Jul 03 05:11:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4715622	29.038 ug/ml
Spiked Amount 50.000		Recovery = 58.08%	
12) S 1-chlorooctadecane (S...	13.512	3963092	31.380 ug/ml
Spiked Amount 50.000		Recovery = 62.76%	
Target Compounds			

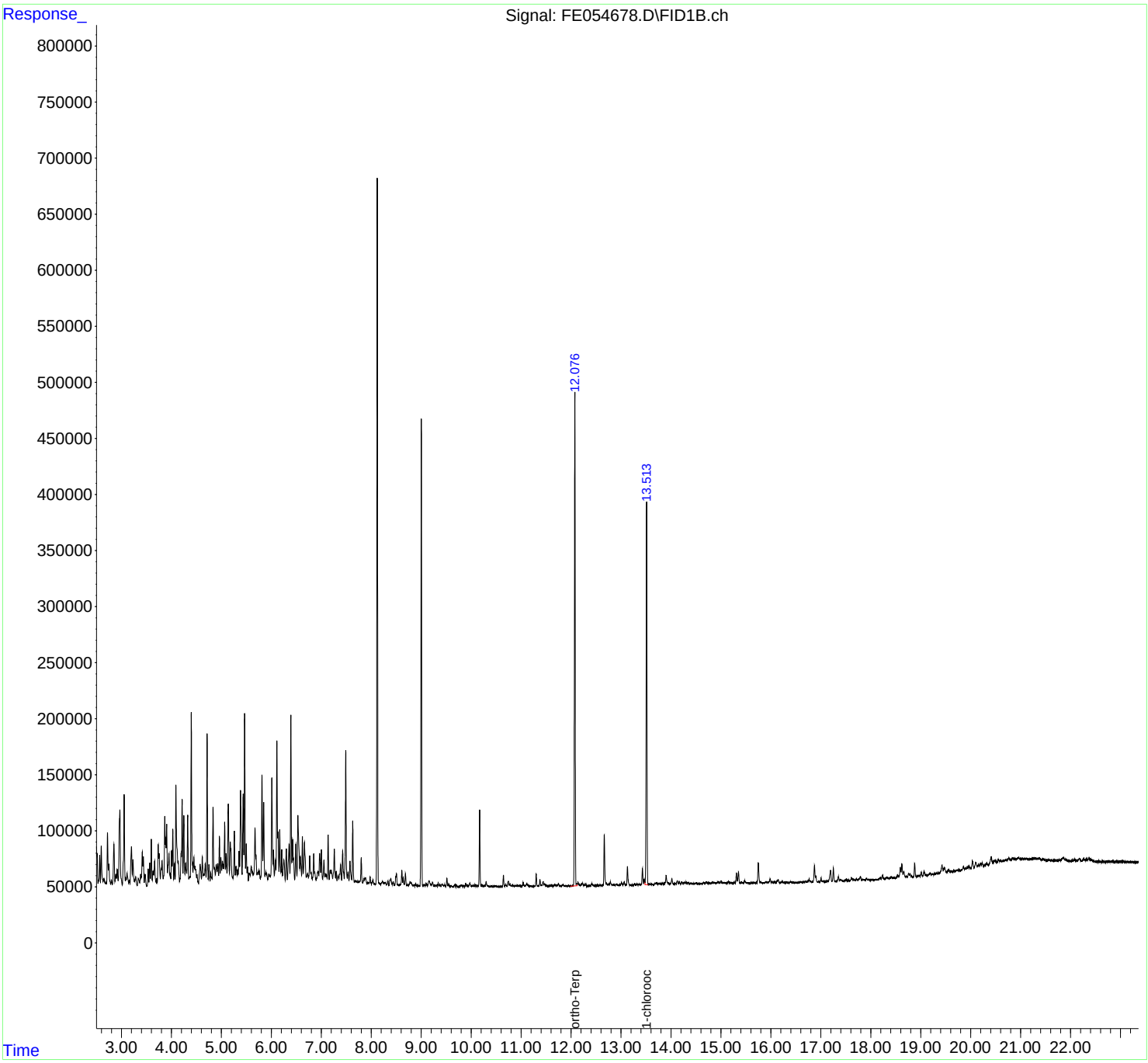
(f)=RT Delta > 1/2 Window (m)=manual int.

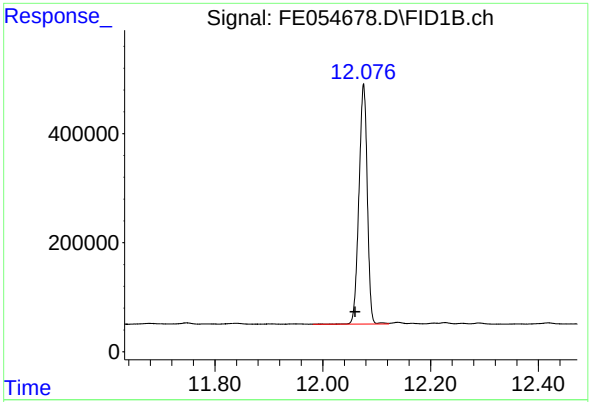
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Operator : YP\AJ
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX7

Integration File: autoint1.e
Quant Time: Jul 03 05:11:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

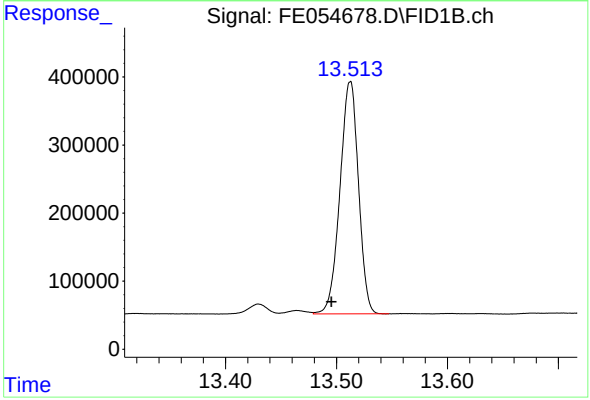




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4715622
Conc: 29.04 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX7



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.017 min
Response: 3963092
Conc: 31.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.849	2.805	2.870	BV	33771	414590	8.77%	0.464%
2	2.887	2.870	2.899	VV	7493	92735	1.96%	0.104%
3	2.915	2.899	2.933	VV	12283	152270	3.22%	0.170%
4	2.967	2.933	3.015	VV	66873	1159585	24.54%	1.297%
5	3.054	3.015	3.078	PV	80414	1003316	21.24%	1.122%
6	3.089	3.078	3.097	VV	6465	62237	1.32%	0.070%
7	3.112	3.097	3.143	VV	10629	186197	3.94%	0.208%
8	3.156	3.143	3.168	VV	4185	49016	1.04%	0.055%
9	3.200	3.168	3.217	VV	34986	550036	11.64%	0.615%
10	3.230	3.217	3.258	VV	23191	311811	6.60%	0.349%
11	3.285	3.258	3.314	VV	8122	144569	3.06%	0.162%
12	3.338	3.314	3.363	VV	6541	118238	2.50%	0.132%
13	3.384	3.363	3.395	VV	10442	136965	2.90%	0.153%
14	3.417	3.395	3.428	VV	30237	379575	8.03%	0.425%
15	3.438	3.428	3.457	VV	26489	282058	5.97%	0.316%
16	3.474	3.457	3.510	VV	10399	156083	3.30%	0.175%
17	3.535	3.510	3.551	PV	15618	165787	3.51%	0.185%
18	3.566	3.551	3.581	VV	21029	232381	4.92%	0.260%
19	3.598	3.581	3.617	VV	42060	449113	9.51%	0.502%
20	3.633	3.617	3.645	VV	13673	179363	3.80%	0.201%
21	3.664	3.645	3.693	VV	22651	353103	7.47%	0.395%
22	3.705	3.693	3.718	VV	6802	76159	1.61%	0.085%
23	3.736	3.718	3.779	VV	37308	772892	16.36%	0.865%
24	3.813	3.779	3.835	VV	22667	488434	10.34%	0.546%
25	3.868	3.835	3.894	VV	62234	1101772	23.32%	1.232%
26	3.905	3.894	3.923	VV	55277	627557	13.28%	0.702%
27	3.951	3.923	3.987	VV	29052	647652	13.71%	0.724%
28	4.004	3.987	4.014	VV	31699	339120	7.18%	0.379%
29	4.028	4.014	4.047	VV	50868	554099	11.73%	0.620%
30	4.061	4.047	4.074	VV	20384	220707	4.67%	0.247%
31	4.091	4.074	4.164	VV	89440	1698698	35.95%	1.900%
32	4.215	4.164	4.232	VV	77391	1170882	24.78%	1.310%
33	4.248	4.232	4.271	VV	62945	771459	16.33%	0.863%
34	4.285	4.271	4.308	VV	20553	335846	7.11%	0.376%
35	4.326	4.308	4.350	VV	63280	753512	15.95%	0.843%
36	4.398	4.350	4.432	VV	155678	1894210	40.09%	2.119%

rteres

37	4.450	4.432	4.504	VV	25888	719729	15.23%	0.805%
38	4.514	4.504	4.541	VV	10339	144296	3.05%	0.161%
39	4.575	4.541	4.600	VV	19783	421115	8.91%	0.471%
40	4.619	4.600	4.642	VV	26150	387249	8.20%	0.433%
41	4.676	4.642	4.693	VV	20086	393381	8.33%	0.440%
42	4.715	4.693	4.736	VV	135906	1382301	29.26%	1.546%
43	4.752	4.736	4.773	VV	19347	266850	5.65%	0.299%
44	4.788	4.773	4.815	VV	12591	215568	4.56%	0.241%
45	4.833	4.815	4.878	VV	70250	1001787	21.20%	1.121%
46	4.897	4.878	4.913	VV	19331	326704	6.91%	0.365%
47	4.928	4.913	4.944	VV	20242	298680	6.32%	0.334%
48	4.961	4.944	4.976	VV	44655	501214	10.61%	0.561%
49	4.990	4.976	5.006	VV	25601	352109	7.45%	0.394%
50	5.021	5.006	5.035	VV	22496	321744	6.81%	0.360%
51	5.066	5.035	5.082	VV	56690	813943	17.23%	0.910%
52	5.095	5.082	5.112	VV	29275	375935	7.96%	0.421%
53	5.138	5.112	5.161	VV	73497	1121392	23.73%	1.254%
54	5.178	5.161	5.229	VV	39524	859612	18.19%	0.962%
55	5.259	5.229	5.279	VV	49235	653256	13.83%	0.731%
56	5.294	5.279	5.312	VV	17942	283135	5.99%	0.317%
57	5.324	5.312	5.335	VV	14786	177990	3.77%	0.199%
58	5.353	5.335	5.365	VV	31562	394464	8.35%	0.441%
59	5.384	5.365	5.414	VV	84601	1365077	28.89%	1.527%
60	5.436	5.414	5.450	VV	82627	1065283	22.55%	1.192%
61	5.465	5.450	5.484	VV	154612	1552212	32.85%	1.736%
62	5.496	5.484	5.514	VV	37980	458740	9.71%	0.513%
63	5.523	5.514	5.540	VV	17585	190675	4.04%	0.213%
64	5.559	5.540	5.577	VV	11440	220627	4.67%	0.247%
65	5.597	5.577	5.636	VV	17763	470903	9.97%	0.527%
66	5.673	5.636	5.713	VV	52239	1101131	23.31%	1.232%
67	5.737	5.713	5.748	VV	13418	254933	5.40%	0.285%
68	5.760	5.748	5.778	VV	14068	191737	4.06%	0.214%
69	5.813	5.778	5.830	VV	99740	1183827	25.06%	1.324%
70	5.847	5.830	5.871	VV	74797	926312	19.61%	1.036%
71	5.891	5.871	5.928	VV	13016	352557	7.46%	0.394%
72	5.949	5.928	5.962	VV	10401	175570	3.72%	0.196%
73	5.971	5.962	5.981	VV	9781	108636	2.30%	0.122%
74	6.010	5.981	6.032	VV	96575	1272194	26.93%	1.423%
75	6.042	6.032	6.060	VV	32570	368038	7.79%	0.412%
76	6.080	6.060	6.091	VV	23426	315967	6.69%	0.353%
77	6.111	6.091	6.152	VV	129990	1999177	42.31%	2.236%
78	6.168	6.152	6.193	VV	50560	667306	14.12%	0.746%
79	6.208	6.193	6.225	VV	32976	390076	8.26%	0.436%
80	6.251	6.225	6.277	VV	23875	506199	10.71%	0.566%
81	6.300	6.277	6.321	VV	33677	490590	10.38%	0.549%
82	6.355	6.321	6.372	VV	37671	679499	14.38%	0.760%
83	6.391	6.372	6.412	VV	152335	1620742	34.30%	1.813%
84	6.428	6.412	6.467	VV	41850	794765	16.82%	0.889%
85	6.491	6.467	6.512	VV	37832	554249	11.73%	0.620%
86	6.532	6.512	6.569	VV	63448	1227222	25.97%	1.373%
87	6.580	6.569	6.605	VV	26714	433894	9.18%	0.485%
88	6.622	6.605	6.639	VV	44363	507548	10.74%	0.568%
89	6.664	6.639	6.700	VV	39137	794218	16.81%	0.888%

rteres

90	6.725	6.700	6.743	VV	11603	252086	5.34%	0.282%
91	6.768	6.743	6.818	VV	27554	627550	13.28%	0.702%
92	6.849	6.818	6.897	VV	29150	604306	12.79%	0.676%
93	6.936	6.897	6.950	VV	13436	324288	6.86%	0.363%
94	6.968	6.950	6.988	VV	29394	475633	10.07%	0.532%
95	7.003	6.988	7.026	VV	32908	425121	9.00%	0.476%
96	7.054	7.026	7.071	VV	23556	377785	8.00%	0.423%
97	7.080	7.071	7.092	VV	11467	127912	2.71%	0.143%
98	7.104	7.092	7.117	VV	10623	139609	2.95%	0.156%
99	7.137	7.117	7.158	VV	46127	540904	11.45%	0.605%
100	7.177	7.158	7.188	VV	14487	207135	4.38%	0.232%
101	7.200	7.188	7.228	VV	14798	274784	5.82%	0.307%
102	7.261	7.228	7.286	VV	33477	568775	12.04%	0.636%
103	7.298	7.286	7.316	VV	13509	172902	3.66%	0.193%
104	7.336	7.316	7.352	VV	9694	176138	3.73%	0.197%
105	7.387	7.352	7.408	VV	19335	395702	8.38%	0.443%
106	7.428	7.408	7.459	VV	32157	509415	10.78%	0.570%
107	7.490	7.459	7.519	VV	120850	1462860	30.96%	1.636%
108	7.535	7.519	7.554	VV	12725	203421	4.31%	0.228%
109	7.576	7.554	7.609	VV	22819	404987	8.57%	0.453%
110	7.630	7.609	7.663	VV	58065	694941	14.71%	0.777%
111	7.679	7.663	7.692	VV	5437	85051	1.80%	0.095%
112	7.700	7.692	7.718	VV	4799	69565	1.47%	0.078%
113	7.735	7.718	7.749	VV	5241	80618	1.71%	0.090%
114	7.800	7.749	7.828	VV	25998	410871	8.70%	0.460%
115	7.859	7.828	7.867	VV	6966	124499	2.64%	0.139%
116	7.882	7.867	7.914	VV	7753	167193	3.54%	0.187%
117	7.928	7.914	7.952	VV	3473	70282	1.49%	0.079%
118	7.978	7.952	8.004	VV	8606	148047	3.13%	0.166%
119	8.033	8.004	8.053	VV	5955	115938	2.45%	0.130%
120	8.062	8.053	8.084	VV	2750	45969	0.97%	0.051%
121	8.171	8.160	8.186	VV	2992	40007	0.85%	0.045%
122	8.228	8.186	8.249	VV	4574	130321	2.76%	0.146%
123	8.263	8.249	8.277	VV	3632	54001	1.14%	0.060%
124	8.287	8.277	8.307	VV	3599	49852	1.06%	0.056%
125	8.334	8.307	8.353	VV	4902	81258	1.72%	0.091%
126	8.392	8.353	8.418	VV	7417	172406	3.65%	0.193%
127	8.439	8.418	8.470	VV	4274	85663	1.81%	0.096%
128	8.504	8.470	8.548	VV	11600	231986	4.91%	0.260%
129	8.556	8.548	8.578	VV	1624	27620	0.58%	0.031%
130	8.612	8.578	8.629	VV	14656	188926	4.00%	0.211%
131	8.640	8.629	8.659	VV	8292	91005	1.93%	0.102%
132	8.685	8.659	8.713	VV	11622	160098	3.39%	0.179%
133	8.731	8.713	8.745	VV	1809	26854	0.57%	0.030%
134	8.777	8.745	8.837	VV	3916	134637	2.85%	0.151%
135	8.855	8.837	8.872	VV	1934	27182	0.58%	0.030%
136	8.891	8.872	8.924	VV	2694	40636	0.86%	0.045%
137	8.941	8.924	8.956	VV	1315	16144	0.34%	0.018%
138	9.065	9.033	9.081	VV	1396	32096	0.68%	0.036%
139	9.100	9.081	9.122	VV	2340	39399	0.83%	0.044%
140	9.157	9.122	9.199	VV	5311	143825	3.04%	0.161%
141	9.227	9.199	9.267	VV	4162	81577	1.73%	0.091%

rteres

142	9.284	9.267	9.300	VV	1068	19438	0.41%	0.022%
143	9.312	9.300	9.323	VV	1275	14518	0.31%	0.016%
144	9.340	9.323	9.360	VV	2716	35003	0.74%	0.039%
145	9.375	9.360	9.394	VV	1793	23070	0.49%	0.026%
146	9.418	9.394	9.449	VV	2315	47146	1.00%	0.053%
147	9.466	9.449	9.482	VV	1574	21777	0.46%	0.024%
148	9.515	9.482	9.537	VV	7624	96035	2.03%	0.107%
149	9.552	9.537	9.591	VV	2551	36174	0.77%	0.040%
150	9.607	9.591	9.635	VV	445	7750	0.16%	0.009%
151	9.670	9.635	9.686	VV	1818	23630	0.50%	0.026%
152	9.702	9.686	9.734	VV	1855	22816	0.48%	0.026%
153	9.753	9.734	9.770	VV	416	5107	0.11%	0.006%
154	9.807	9.770	9.838	VV	1606	27916	0.59%	0.031%
155	9.850	9.838	9.866	VV	523	6690	0.14%	0.007%
156	9.892	9.866	9.945	VV	3094	57198	1.21%	0.064%
157	9.973	9.945	10.005	VV	3066	58827	1.25%	0.066%
158	10.040	10.005	10.058	VV	1183	29659	0.63%	0.033%
159	10.074	10.058	10.089	VV	1410	19484	0.41%	0.022%
160	10.097	10.089	10.128	VV	953	15442	0.33%	0.017%
161	10.171	10.128	10.199	VV	68548	694193	14.69%	0.777%
162	10.216	10.199	10.251	VV	1387	30887	0.65%	0.035%
163	10.266	10.251	10.281	VV	821	12783	0.27%	0.014%
164	10.300	10.281	10.356	VV	4569	69511	1.47%	0.078%
165	10.366	10.356	10.390	VV	394	6522	0.14%	0.007%
166	10.407	10.390	10.444	VV	562	9588	0.20%	0.011%
167	10.477	10.444	10.558	VV	681	17432	0.37%	0.019%
168	10.582	10.558	10.611	PV	330	4425	0.09%	0.005%
169	10.647	10.611	10.671	VV	10201	111485	2.36%	0.125%
170	10.691	10.671	10.713	VV	1902	28099	0.59%	0.031%
171	10.741	10.713	10.764	VV	4762	74423	1.58%	0.083%
172	10.777	10.764	10.805	VV	2278	34464	0.73%	0.039%
173	10.822	10.805	10.864	VV	1493	29340	0.62%	0.033%
174	10.896	10.864	10.929	VV	1098	25532	0.54%	0.029%
175	10.963	10.929	11.009	VV	920	31871	0.67%	0.036%
176	11.042	11.009	11.085	VV	3826	61626	1.30%	0.069%
177	11.113	11.085	11.178	VV	2520	60378	1.28%	0.068%
178	11.193	11.178	11.218	VV	479	6900	0.15%	0.008%
179	11.235	11.218	11.255	VV	245	4390	0.09%	0.005%
180	11.302	11.255	11.339	VV	11102	122833	2.60%	0.137%
181	11.378	11.339	11.416	VV	6183	85694	1.81%	0.096%
182	11.439	11.416	11.458	VV	4249	60467	1.28%	0.068%
183	11.471	11.458	11.540	VV	2204	44879	0.95%	0.050%
184	11.554	11.540	11.567	VV	410	4505	0.10%	0.005%
185	11.606	11.567	11.641	VV	1001	22823	0.48%	0.026%
186	11.679	11.641	11.712	VV	1551	34666	0.73%	0.039%
187	11.748	11.712	11.771	VV	2540	39059	0.83%	0.044%
188	11.779	11.771	11.807	VV	429	7889	0.17%	0.009%
189	11.839	11.807	11.878	VV	1688	30112	0.64%	0.034%
190	11.904	11.878	11.927	VV	545	6802	0.14%	0.008%
191	11.950	11.927	11.981	VV	474	7935	0.17%	0.009%
192	11.994	11.981	12.007	PV	211	2365	0.05%	0.003%
193	12.076	12.007	12.122	VV	436973	4724696	100.00%	5.285%
194	12.139	12.122	12.191	VV	3328	67264	1.42%	0.075%

rteres

195	12.227	12.191	12.245	VV	2848	54427	1.15%	0.061%
196	12.259	12.245	12.273	VV	1475	17243	0.36%	0.019%
197	12.290	12.273	12.321	VV	2026	25394	0.54%	0.028%
198	12.358	12.321	12.377	PV	271	2877	0.06%	0.003%
199	12.418	12.377	12.484	VV	2165	42248	0.89%	0.047%
200	12.517	12.484	12.561	VV	384	14718	0.31%	0.016%
201	12.581	12.561	12.621	VV	1156	17969	0.38%	0.020%
202	12.665	12.621	12.742	VV	45747	589121	12.47%	0.659%
203	12.758	12.742	12.768	VV	1432	19798	0.42%	0.022%
204	12.787	12.768	12.821	VV	3284	55925	1.18%	0.063%
205	12.834	12.821	12.885	VV	1024	27090	0.57%	0.030%
206	12.902	12.885	12.939	VV	1307	24821	0.53%	0.028%
207	13.011	12.939	13.031	VV	2401	49413	1.05%	0.055%
208	13.061	13.031	13.108	VV	2597	57607	1.22%	0.064%
209	13.129	13.108	13.175	VV	16932	215757	4.57%	0.241%
210	13.184	13.175	13.205	VV	297	3705	0.08%	0.004%
211	13.231	13.205	13.241	VV	261	4406	0.09%	0.005%
212	13.269	13.241	13.300	VV	1172	22208	0.47%	0.025%
213	13.319	13.300	13.335	VV	1121	15452	0.33%	0.017%
214	13.344	13.335	13.369	VV	704	12300	0.26%	0.014%
215	13.373	13.369	13.393	VV	551	6470	0.14%	0.007%
216	13.430	13.393	13.449	VV	14856	181199	3.84%	0.203%
217	13.465	13.449	13.479	VV	5419	65932	1.40%	0.074%
218	13.512	13.479	13.546	VV	342333	3981971	84.28%	4.454%
219	13.562	13.546	13.588	VV	782	14827	0.31%	0.017%
220	13.602	13.588	13.621	VV	866	12877	0.27%	0.014%
221	13.631	13.621	13.655	VV	674	8126	0.17%	0.009%
222	13.701	13.655	13.740	VV	1467	55013	1.16%	0.062%
223	13.762	13.740	13.806	VV	1734	43341	0.92%	0.048%
224	13.827	13.806	13.842	VV	1347	21353	0.45%	0.024%
225	13.856	13.842	13.871	VV	1080	16017	0.34%	0.018%
226	13.905	13.871	13.970	VV	8527	166800	3.53%	0.187%
227	14.019	13.970	14.051	VV	5437	103186	2.18%	0.115%
228	14.066	14.051	14.075	VV	892	12164	0.26%	0.014%
229	14.090	14.075	14.103	VV	1057	16047	0.34%	0.018%
230	14.128	14.103	14.150	VV	3584	56965	1.21%	0.064%
231	14.168	14.150	14.198	VV	2131	37172	0.79%	0.042%
232	14.216	14.198	14.237	VV	2562	37931	0.80%	0.042%
233	14.263	14.237	14.282	VV	1922	38240	0.81%	0.043%
234	14.298	14.282	14.321	VV	2036	35507	0.75%	0.040%
235	14.340	14.321	14.369	VV	1815	33909	0.72%	0.038%
236	14.395	14.369	14.432	VV	1254	31586	0.67%	0.035%
237	14.500	14.432	14.548	VV	1158	50975	1.08%	0.057%
238	14.555	14.548	14.578	VV	670	10618	0.22%	0.012%
239	14.605	14.578	14.624	VV	698	16217	0.34%	0.018%
240	14.657	14.624	14.681	VV	1648	33654	0.71%	0.038%
241	14.705	14.681	14.745	VV	1776	49769	1.05%	0.056%
242	14.778	14.745	14.799	VV	1015	28107	0.59%	0.031%
243	14.832	14.799	14.851	VV	1608	37129	0.79%	0.042%
244	14.857	14.851	14.880	VV	1373	20827	0.44%	0.023%
245	14.898	14.880	14.914	VV	1109	18947	0.40%	0.021%
246	14.937	14.914	14.980	VV	2045	52478	1.11%	0.059%

rteres

247	15.001	14.980	15.022	VV	3092	43756	0.93%	0.049%
248	15.060	15.022	15.103	VV	1162	43286	0.92%	0.048%
249	15.149	15.103	15.171	VV	1923	41851	0.89%	0.047%
250	15.184	15.171	15.201	VV	1125	15622	0.33%	0.017%
251	15.210	15.201	15.236	VV	752	12219	0.26%	0.014%
252	15.266	15.236	15.283	VV	1113	18412	0.39%	0.021%
253	15.311	15.283	15.329	VV	9499	118855	2.52%	0.133%
254	15.352	15.329	15.388	VV	10382	157616	3.34%	0.176%
255	15.415	15.388	15.440	VV	1075	21759	0.46%	0.024%
256	15.476	15.440	15.533	VV	2480	56705	1.20%	0.063%
257	15.549	15.533	15.588	VV	738	14142	0.30%	0.016%
258	15.617	15.588	15.645	VV	872	20056	0.42%	0.022%
259	15.654	15.645	15.665	VV	761	8049	0.17%	0.009%
260	15.673	15.665	15.695	VV	656	8953	0.19%	0.010%
261	15.748	15.695	15.841	VV	18364	297349	6.29%	0.333%
262	15.854	15.841	15.864	VV	389	3875	0.08%	0.004%
263	15.908	15.864	15.928	VV	1267	33701	0.71%	0.038%
264	15.943	15.928	15.956	VV	1037	13235	0.28%	0.015%
265	15.984	15.956	16.007	VV	3748	59875	1.27%	0.067%
266	16.024	16.007	16.051	VV	1525	21132	0.45%	0.024%
267	16.071	16.051	16.096	VV	1087	18007	0.38%	0.020%
268	16.148	16.096	16.185	VV	2609	65542	1.39%	0.073%
269	16.226	16.185	16.249	VV	1368	26262	0.56%	0.029%
270	16.267	16.249	16.290	VV	794	12171	0.26%	0.014%
271	16.310	16.290	16.335	VV	759	11309	0.24%	0.013%
272	16.393	16.335	16.445	VV	1203	28951	0.61%	0.032%
273	16.451	16.445	16.472	VV	339	2835	0.06%	0.003%
274	16.491	16.472	16.506	PV	218	2474	0.05%	0.003%
275	16.591	16.506	16.615	PV	674	17160	0.36%	0.019%
276	16.624	16.615	16.640	VV	482	4664	0.10%	0.005%
277	16.662	16.640	16.671	VV	448	5514	0.12%	0.006%
278	16.697	16.671	16.717	VV	858	16606	0.35%	0.019%
279	16.765	16.717	16.820	VV	2446	60550	1.28%	0.068%
280	16.873	16.820	16.892	VV	15140	213587	4.52%	0.239%
281	16.900	16.892	16.937	VV	5760	62956	1.33%	0.070%
282	16.959	16.937	16.977	VV	513	7129	0.15%	0.008%
283	17.005	16.977	17.027	VV	3084	39123	0.83%	0.044%
284	17.041	17.027	17.081	VV	819	14331	0.30%	0.016%
285	17.127	17.081	17.145	VV	915	16058	0.34%	0.018%
286	17.195	17.145	17.223	VV	10161	182527	3.86%	0.204%
287	17.252	17.223	17.297	VV	12213	151345	3.20%	0.169%
288	17.352	17.297	17.376	PV	4317	72060	1.53%	0.081%
289	17.397	17.376	17.445	VV	1634	36470	0.77%	0.041%
290	17.503	17.445	17.538	VV	1370	40256	0.85%	0.045%
291	17.560	17.538	17.575	VV	743	10436	0.22%	0.012%
292	17.616	17.575	17.648	VV	2503	59031	1.25%	0.066%
293	17.661	17.648	17.685	VV	1133	18439	0.39%	0.021%
294	17.712	17.685	17.732	VV	1688	27261	0.58%	0.030%
295	17.756	17.732	17.768	VV	1328	21593	0.46%	0.024%
296	17.793	17.768	17.822	VV	3612	64741	1.37%	0.072%
297	17.839	17.822	17.860	VV	910	13156	0.28%	0.015%
298	17.879	17.860	17.892	VV	692	10608	0.22%	0.012%
299	17.915	17.892	17.941	VV	1652	28860	0.61%	0.032%

rteres

300	17.958	17.941	17.995	VV	546	9575	0.20%	0.011%
301	18.027	17.995	18.051	VV	592	9745	0.21%	0.011%
302	18.097	18.051	18.119	PV	269	5177	0.11%	0.006%
303	18.191	18.119	18.208	PV	1600	35526	0.75%	0.040%
304	18.234	18.208	18.271	VV	3612	66263	1.40%	0.074%
305	18.325	18.271	18.342	VV	1609	38696	0.82%	0.043%
306	18.351	18.342	18.371	VV	1137	14548	0.31%	0.016%
307	18.420	18.371	18.441	VV	1317	43360	0.92%	0.049%
308	18.468	18.441	18.497	VV	1037	27638	0.58%	0.031%
309	18.533	18.497	18.551	VV	3335	52956	1.12%	0.059%
310	18.591	18.551	18.606	VV	9494	162724	3.44%	0.182%
311	18.623	18.606	18.644	VV	12921	185148	3.92%	0.207%
312	18.660	18.644	18.694	VV	6014	105666	2.24%	0.118%
313	18.708	18.694	18.730	VV	1347	21604	0.46%	0.024%
314	18.757	18.730	18.774	VV	4190	65533	1.39%	0.073%
315	18.788	18.774	18.847	VV	3507	64843	1.37%	0.073%
316	18.878	18.847	18.905	PV	12508	154921	3.28%	0.173%
317	18.917	18.905	18.935	VV	780	11204	0.24%	0.013%
318	18.961	18.935	18.983	VV	1360	26616	0.56%	0.030%
319	19.010	18.983	19.034	VV	4152	62488	1.32%	0.070%
320	19.067	19.034	19.092	VV	4324	75546	1.60%	0.085%
321	19.103	19.092	19.127	VV	1248	19252	0.41%	0.022%
322	19.188	19.127	19.218	VV	2215	70985	1.50%	0.079%
323	19.240	19.218	19.257	VV	1307	24820	0.53%	0.028%
324	19.284	19.257	19.294	VV	1419	25768	0.55%	0.029%
325	19.315	19.294	19.331	VV	1774	33610	0.71%	0.038%
326	19.355	19.331	19.371	VV	1572	35644	0.75%	0.040%
327	19.425	19.371	19.451	VV	8072	204664	4.33%	0.229%
328	19.472	19.451	19.508	VV	5584	142685	3.02%	0.160%
329	19.558	19.508	19.598	VV	3318	129690	2.74%	0.145%
330	19.612	19.598	19.626	VV	2195	33898	0.72%	0.038%
331	19.668	19.626	19.690	VV	2641	83092	1.76%	0.093%
332	19.723	19.690	19.752	VV	2802	88315	1.87%	0.099%
333	19.768	19.752	19.786	VV	2664	48959	1.04%	0.055%
334	19.854	19.786	19.881	VV	5147	179094	3.79%	0.200%
335	19.898	19.881	19.910	VV	3530	58212	1.23%	0.065%
336	19.928	19.910	19.937	VV	3944	59646	1.26%	0.067%
337	19.964	19.937	19.995	VV	5228	145364	3.08%	0.163%
338	20.036	19.995	20.065	VV	9076	224668	4.76%	0.251%
339	20.102	20.065	20.132	VV	7973	228287	4.83%	0.255%
340	20.155	20.132	20.173	VV	5529	121605	2.57%	0.136%
341	20.195	20.173	20.211	VV	5936	124777	2.64%	0.140%
342	20.228	20.211	20.261	VV	7048	167035	3.54%	0.187%
343	20.318	20.261	20.348	VV	6238	262603	5.56%	0.294%
344	20.413	20.348	20.439	VV	11585	406422	8.60%	0.455%
345	20.482	20.439	20.525	VV	8197	366714	7.76%	0.410%
346	20.555	20.525	20.575	VV	8171	218200	4.62%	0.244%
347	20.593	20.575	20.618	VV	7868	189106	4.00%	0.212%
348	20.686	20.618	20.711	VV	7563	394990	8.36%	0.442%
349	20.763	20.711	20.791	VV	8996	372929	7.89%	0.417%
350	20.843	20.791	20.886	VV	8428	444742	9.41%	0.497%
351	20.913	20.886	20.926	VV	7711	181983	3.85%	0.204%

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352	20.960	20.926	21.017	VV	8453	418286	8.85%	0.468%
353	21.069	21.017	21.101	VV	6980	348900	7.38%	0.390%
354	21.115	21.101	21.151	VV	6736	193575	4.10%	0.217%
355	21.277	21.151	21.340	VV	6635	703076	14.88%	0.786%
356	21.372	21.340	21.414	VV	6133	244963	5.18%	0.274%
357	21.451	21.414	21.524	VV	4905	283155	5.99%	0.317%
358	21.563	21.524	21.632	VV	3798	216181	4.58%	0.242%
359	21.640	21.632	21.651	VV	2964	33363	0.71%	0.037%
360	21.681	21.651	21.706	VV	3274	97623	2.07%	0.109%
361	21.733	21.706	21.744	VV	2728	60822	1.29%	0.068%
362	21.765	21.744	21.794	VV	2799	77306	1.64%	0.086%
363	21.858	21.794	22.001	VV	4655	302956	6.41%	0.339%
364	22.029	22.001	22.058	VV	1367	35613	0.75%	0.040%
365	22.082	22.058	22.123	VV	1619	45754	0.97%	0.051%
366	22.177	22.123	22.225	VV	2232	60098	1.27%	0.067%
367	22.264	22.225	22.293	PV	1693	29880	0.63%	0.033%
368	22.322	22.293	22.340	PV	534	9124	0.19%	0.010%
			Sum of corrected areas:			89396190		

Aliphatic EPH 062725.M Thu Jul 03 05:45:19 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Operator : YP\AJ
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX8

Integration File: autoint1.e
Quant Time: Jul 03 05:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4801239	29.565 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
12) S 1-chlorooctadecane (S...	13.512	3989935	31.592 ug/ml
Spiked Amount 50.000		Recovery =	63.18%
Target Compounds			

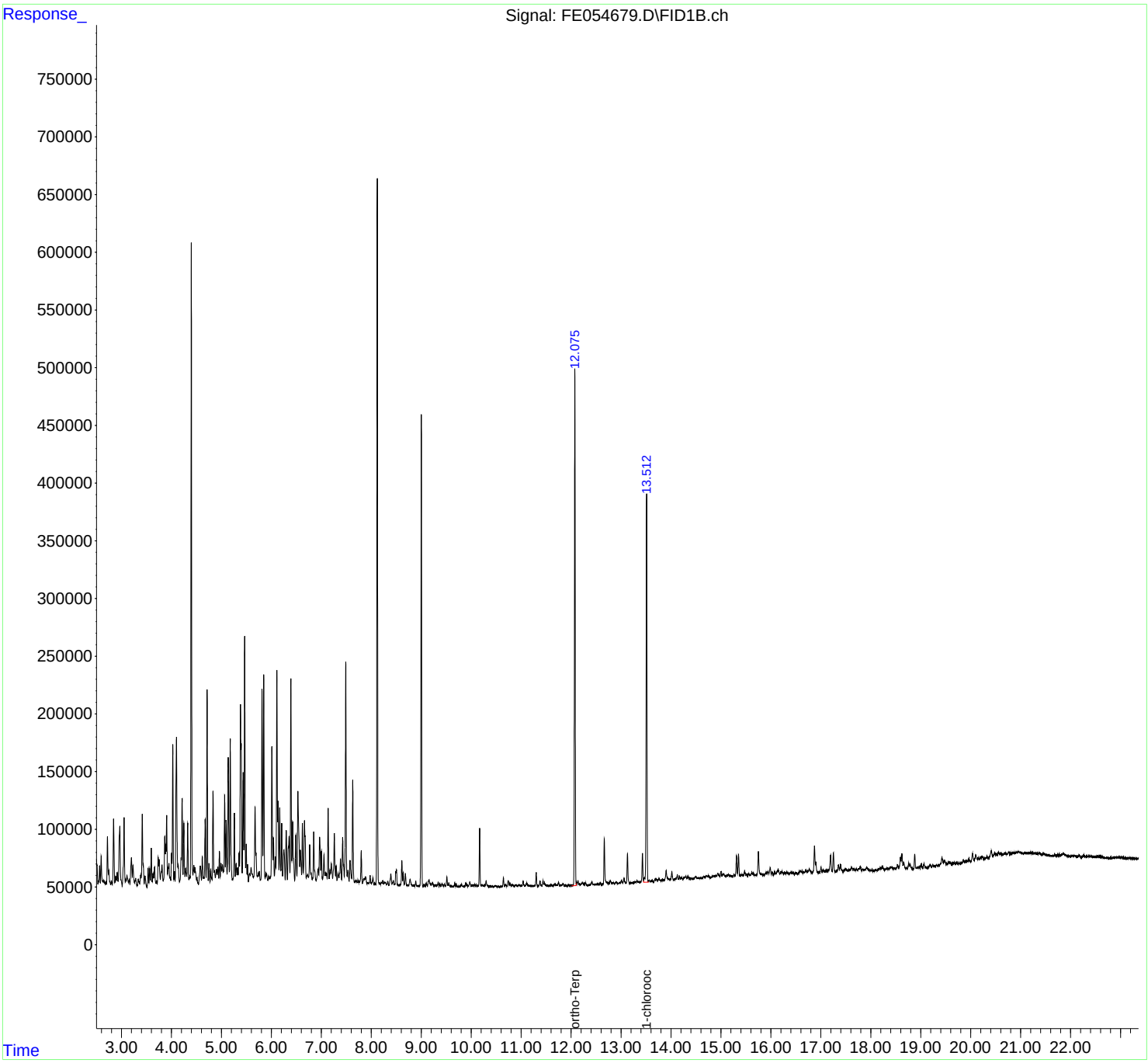
(f)=RT Delta > 1/2 Window (m)=manual int.

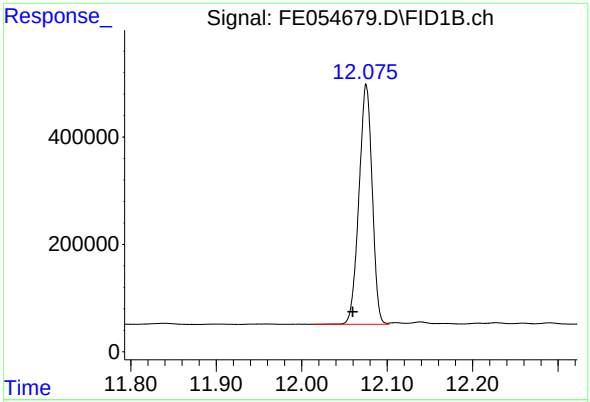
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Operator : YP\AJ
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX8

Integration File: autoint1.e
Quant Time: Jul 03 05:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

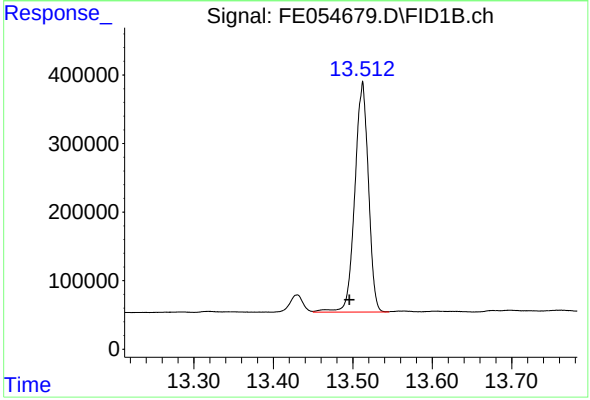




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4801239
Conc: 29.57 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3989935
Conc: 31.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.842	2.804	2.868	BV	55253	624755	11.22%	0.572%
2	2.886	2.868	2.898	VV	5967	74239	1.33%	0.068%
3	2.914	2.898	2.932	VV	9924	120496	2.16%	0.110%
4	2.966	2.932	3.013	VV	49618	880402	15.81%	0.806%
5	3.052	3.013	3.076	PV	58792	749743	13.46%	0.686%
6	3.088	3.076	3.096	VV	5518	54975	0.99%	0.050%
7	3.111	3.096	3.140	VV	8654	154237	2.77%	0.141%
8	3.154	3.140	3.168	VV	4798	59088	1.06%	0.054%
9	3.198	3.168	3.216	VV	24213	390920	7.02%	0.358%
10	3.230	3.216	3.260	VV	17764	268845	4.83%	0.246%
11	3.283	3.260	3.312	VV	6762	114404	2.05%	0.105%
12	3.336	3.312	3.361	VV	5957	96835	1.74%	0.089%
13	3.383	3.361	3.393	VV	9314	119023	2.14%	0.109%
14	3.417	3.393	3.456	VV	62498	887038	15.93%	0.812%
15	3.472	3.456	3.509	VV	8876	129538	2.33%	0.119%
16	3.534	3.509	3.549	PV	15655	159225	2.86%	0.146%
17	3.565	3.549	3.580	VV	15477	175950	3.16%	0.161%
18	3.597	3.580	3.616	VV	32962	351810	6.32%	0.322%
19	3.631	3.616	3.644	VV	11343	144625	2.60%	0.132%
20	3.663	3.644	3.691	VV	16909	264575	4.75%	0.242%
21	3.704	3.691	3.715	VV	4930	53867	0.97%	0.049%
22	3.735	3.715	3.745	VV	25431	271489	4.88%	0.249%
23	3.754	3.745	3.778	VV	23511	305819	5.49%	0.280%
24	3.811	3.778	3.835	VV	18746	392578	7.05%	0.359%
25	3.867	3.835	3.878	VV	43130	536119	9.63%	0.491%
26	3.905	3.878	3.924	VV	61721	960073	17.24%	0.879%
27	3.950	3.924	3.988	VV	20139	468662	8.42%	0.429%
28	4.028	3.988	4.049	VV	122958	1517756	27.26%	1.390%
29	4.060	4.049	4.073	VV	13193	139754	2.51%	0.128%
30	4.101	4.073	4.162	VV	129493	2217229	39.82%	2.030%
31	4.214	4.162	4.232	VV	76409	1117210	20.06%	1.023%
32	4.248	4.232	4.271	VV	54904	662442	11.90%	0.607%
33	4.285	4.271	4.308	VV	15613	258689	4.65%	0.237%
34	4.326	4.308	4.350	VV	54900	655888	11.78%	0.601%
35	4.398	4.350	4.431	VV	555264	5568095	100.00%	5.098%
36	4.449	4.431	4.461	VV	18311	259856	4.67%	0.238%

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37	4.470	4.461	4.503	VV	16637	304395	5.47%	0.279%
38	4.513	4.503	4.541	VV	8036	113554	2.04%	0.104%
39	4.578	4.541	4.600	VV	17952	378336	6.79%	0.346%
40	4.618	4.600	4.654	VV	25726	407329	7.32%	0.373%
41	4.675	4.654	4.694	VV	58293	662966	11.91%	0.607%
42	4.715	4.694	4.736	VV	170218	1677061	30.12%	1.536%
43	4.752	4.736	4.771	VV	20142	252059	4.53%	0.231%
44	4.787	4.771	4.814	VV	15145	230108	4.13%	0.211%
45	4.833	4.814	4.878	VV	82152	1050219	18.86%	0.962%
46	4.899	4.878	4.913	VV	14866	248366	4.46%	0.227%
47	4.929	4.913	4.944	VV	16984	244609	4.39%	0.224%
48	4.961	4.944	4.976	VV	30673	348876	6.27%	0.319%
49	4.992	4.976	5.007	VV	19989	290379	5.22%	0.266%
50	5.021	5.007	5.036	VV	18797	271700	4.88%	0.249%
51	5.065	5.036	5.081	VV	79369	930681	16.71%	0.852%
52	5.095	5.081	5.114	VV	57571	662148	11.89%	0.606%
53	5.137	5.114	5.159	VV	111050	1468089	26.37%	1.344%
54	5.177	5.159	5.224	VV	127764	1607409	28.87%	1.472%
55	5.259	5.224	5.279	VV	63349	765592	13.75%	0.701%
56	5.295	5.279	5.311	VV	20040	288033	5.17%	0.264%
57	5.324	5.311	5.336	VV	16399	195409	3.51%	0.179%
58	5.353	5.336	5.363	VV	29077	333823	6.00%	0.306%
59	5.383	5.363	5.416	VV	154958	2742843	49.26%	2.511%
60	5.436	5.416	5.449	VV	98592	1164217	20.91%	1.066%
61	5.465	5.449	5.484	VV	215235	2145690	38.54%	1.965%
62	5.496	5.484	5.512	VV	36663	412391	7.41%	0.378%
63	5.523	5.512	5.541	VV	19199	207639	3.73%	0.190%
64	5.563	5.541	5.576	VV	10807	194467	3.49%	0.178%
65	5.594	5.576	5.638	VV	16516	432973	7.78%	0.396%
66	5.674	5.638	5.723	VV	68914	1264867	22.72%	1.158%
67	5.738	5.723	5.748	VV	11699	148612	2.67%	0.136%
68	5.759	5.748	5.780	VV	13420	183937	3.30%	0.168%
69	5.813	5.780	5.830	VV	170068	1841176	33.07%	1.686%
70	5.847	5.830	5.874	VV	183463	1921383	34.51%	1.759%
71	5.891	5.874	5.930	VV	11969	309837	5.56%	0.284%
72	5.947	5.930	5.960	VV	8668	130235	2.34%	0.119%
73	5.972	5.960	5.979	VV	8204	90190	1.62%	0.083%
74	6.010	5.979	6.031	VV	121264	1481496	26.61%	1.357%
75	6.043	6.031	6.061	VV	42597	475257	8.54%	0.435%
76	6.080	6.061	6.090	VV	25947	316204	5.68%	0.290%
77	6.111	6.090	6.152	VV	186750	2815417	50.56%	2.578%
78	6.168	6.152	6.190	VV	68442	794365	14.27%	0.727%
79	6.208	6.190	6.226	VV	55020	616605	11.07%	0.565%
80	6.251	6.226	6.277	VV	31541	644117	11.57%	0.590%
81	6.298	6.277	6.321	VV	48539	680696	12.22%	0.623%
82	6.355	6.321	6.371	VV	43607	855148	15.36%	0.783%
83	6.391	6.371	6.412	VV	179995	1907381	34.26%	1.746%
84	6.428	6.412	6.467	VV	56307	936740	16.82%	0.858%
85	6.490	6.467	6.511	VV	44552	603095	10.83%	0.552%
86	6.532	6.511	6.568	VV	82527	1539423	27.65%	1.410%
87	6.581	6.568	6.605	VV	31758	501661	9.01%	0.459%
88	6.622	6.605	6.640	VV	54772	603809	10.84%	0.553%
89	6.664	6.640	6.700	VV	56787	1090155	19.58%	0.998%

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90	6.726	6.700	6.742	VV	10527	232550	4.18%	0.213%
91	6.768	6.742	6.818	VV	36298	693484	12.45%	0.635%
92	6.849	6.818	6.897	VV	47756	778201	13.98%	0.713%
93	6.937	6.897	6.949	VV	15287	327381	5.88%	0.300%
94	6.968	6.949	6.989	VV	42563	669525	12.02%	0.613%
95	7.002	6.989	7.025	VV	30760	385250	6.92%	0.353%
96	7.054	7.025	7.071	VV	27591	415314	7.46%	0.380%
97	7.080	7.071	7.092	VV	12486	139957	2.51%	0.128%
98	7.103	7.092	7.116	VV	11625	144970	2.60%	0.133%
99	7.137	7.116	7.158	VV	67944	745199	13.38%	0.682%
100	7.175	7.158	7.185	VV	14546	194208	3.49%	0.178%
101	7.201	7.185	7.227	VV	20017	361888	6.50%	0.331%
102	7.261	7.227	7.285	VV	46171	738236	13.26%	0.676%
103	7.298	7.285	7.316	VV	18236	223011	4.01%	0.204%
104	7.336	7.316	7.354	VV	11607	203099	3.65%	0.186%
105	7.386	7.354	7.407	VV	23535	449241	8.07%	0.411%
106	7.428	7.407	7.460	VV	43007	686892	12.34%	0.629%
107	7.490	7.460	7.520	VV	194209	2187988	39.30%	2.003%
108	7.535	7.520	7.556	VV	14202	232762	4.18%	0.213%
109	7.576	7.556	7.608	VV	22525	402227	7.22%	0.368%
110	7.630	7.608	7.663	VV	92339	1024057	18.39%	0.938%
111	7.679	7.663	7.686	VV	4880	63276	1.14%	0.058%
112	7.700	7.686	7.717	VV	5043	85164	1.53%	0.078%
113	7.734	7.717	7.750	VV	5968	88992	1.60%	0.081%
114	7.800	7.750	7.828	VV	31205	462566	8.31%	0.424%
115	7.861	7.828	7.870	VV	7193	148095	2.66%	0.136%
116	7.890	7.870	7.918	VV	8316	169086	3.04%	0.155%
117	7.928	7.918	7.939	VV	3338	39528	0.71%	0.036%
118	7.978	7.939	8.003	VV	9614	182788	3.28%	0.167%
119	8.033	8.003	8.087	VV	7756	184535	3.31%	0.169%
120	8.172	8.159	8.186	VV	3437	46681	0.84%	0.043%
121	8.202	8.186	8.214	VV	3728	53955	0.97%	0.049%
122	8.231	8.214	8.250	VV	5447	87642	1.57%	0.080%
123	8.265	8.250	8.278	VV	3703	56064	1.01%	0.051%
124	8.286	8.278	8.307	VV	3835	50948	0.92%	0.047%
125	8.332	8.307	8.352	VV	4826	75074	1.35%	0.069%
126	8.392	8.352	8.420	VV	11185	212115	3.81%	0.194%
127	8.440	8.420	8.470	VV	5243	95795	1.72%	0.088%
128	8.504	8.470	8.547	VV	14810	297007	5.33%	0.272%
129	8.567	8.547	8.581	VV	1457	27532	0.49%	0.025%
130	8.612	8.581	8.628	VV	22932	274198	4.92%	0.251%
131	8.640	8.628	8.660	VV	12295	133302	2.39%	0.122%
132	8.684	8.660	8.714	VV	11144	154477	2.77%	0.141%
133	8.731	8.714	8.747	VV	1670	25653	0.46%	0.023%
134	8.777	8.747	8.841	VV	6419	154905	2.78%	0.142%
135	8.855	8.841	8.870	VV	1728	20907	0.38%	0.019%
136	8.890	8.870	8.926	VV	4806	61921	1.11%	0.057%
137	8.941	8.926	8.957	VV	1074	13583	0.24%	0.012%
138	9.063	9.034	9.079	VV	1300	28356	0.51%	0.026%
139	9.100	9.079	9.123	VV	2563	43666	0.78%	0.040%
140	9.155	9.123	9.193	VV	5547	147369	2.65%	0.135%
141	9.226	9.193	9.251	VV	3926	82720	1.49%	0.076%

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142	9.288	9.251	9.320	VV	1205	40112	0.72%	0.037%
143	9.340	9.320	9.360	VV	3969	50084	0.90%	0.046%
144	9.375	9.360	9.398	VV	2111	27709	0.50%	0.025%
145	9.416	9.398	9.445	VV	2469	43982	0.79%	0.040%
146	9.466	9.445	9.484	VV	2549	33034	0.59%	0.030%
147	9.514	9.484	9.538	VV	8550	107859	1.94%	0.099%
148	9.552	9.538	9.591	VV	3587	47562	0.85%	0.044%
149	9.603	9.591	9.637	VV	346	6530	0.12%	0.006%
150	9.670	9.637	9.686	VV	2854	33182	0.60%	0.030%
151	9.701	9.686	9.737	VV	2782	30868	0.55%	0.028%
152	9.754	9.737	9.767	VV	312	3300	0.06%	0.003%
153	9.807	9.767	9.832	PV	2538	40285	0.72%	0.037%
154	9.848	9.832	9.862	VV	460	6091	0.11%	0.006%
155	9.891	9.862	9.908	VV	3637	45913	0.82%	0.042%
156	9.916	9.908	9.940	VV	1546	18742	0.34%	0.017%
157	9.972	9.940	10.005	VV	3964	75465	1.36%	0.069%
158	10.042	10.005	10.057	VV	1345	31636	0.57%	0.029%
159	10.072	10.057	10.088	VV	1805	24503	0.44%	0.022%
160	10.100	10.088	10.121	VV	1451	20662	0.37%	0.019%
161	10.170	10.121	10.198	VV	50997	530425	9.53%	0.486%
162	10.217	10.198	10.245	VV	1441	30825	0.55%	0.028%
163	10.265	10.245	10.281	VV	1203	20419	0.37%	0.019%
164	10.300	10.281	10.355	VV	5120	76521	1.37%	0.070%
165	10.368	10.355	10.390	VV	398	6478	0.12%	0.006%
166	10.411	10.390	10.444	VV	574	10484	0.19%	0.010%
167	10.479	10.444	10.521	VV	899	19208	0.34%	0.018%
168	10.533	10.521	10.558	VV	179	2019	0.04%	0.002%
169	10.580	10.558	10.598	PV	338	4374	0.08%	0.004%
170	10.609	10.598	10.618	VV	131	1432	0.03%	0.001%
171	10.646	10.618	10.670	VV	7776	87895	1.58%	0.080%
172	10.691	10.670	10.713	VV	2093	30734	0.55%	0.028%
173	10.742	10.713	10.764	VV	5028	84510	1.52%	0.077%
174	10.777	10.764	10.802	VV	3081	43956	0.79%	0.040%
175	10.820	10.802	10.867	VV	2257	42113	0.76%	0.039%
176	10.894	10.867	10.930	VV	1530	35125	0.63%	0.032%
177	10.961	10.930	10.985	VV	1052	28941	0.52%	0.026%
178	10.994	10.985	11.009	VV	842	10284	0.18%	0.009%
179	11.041	11.009	11.084	VV	4302	70860	1.27%	0.065%
180	11.112	11.084	11.169	VV	2899	65059	1.17%	0.060%
181	11.187	11.169	11.220	VV	435	9546	0.17%	0.009%
182	11.265	11.220	11.277	VV	435	9338	0.17%	0.009%
183	11.302	11.277	11.334	VV	11897	128559	2.31%	0.118%
184	11.377	11.334	11.413	VV	4522	72792	1.31%	0.067%
185	11.440	11.413	11.458	VV	4772	64249	1.15%	0.059%
186	11.470	11.458	11.538	VV	2301	49490	0.89%	0.045%
187	11.556	11.538	11.568	VV	412	5740	0.10%	0.005%
188	11.607	11.568	11.634	VV	1154	26568	0.48%	0.024%
189	11.679	11.634	11.717	VV	1604	45742	0.82%	0.042%
190	11.748	11.717	11.769	VV	3106	46171	0.83%	0.042%
191	11.780	11.769	11.808	VV	563	11222	0.20%	0.010%
192	11.839	11.808	11.877	VV	2168	38482	0.69%	0.035%
193	11.903	11.877	11.927	VV	594	8293	0.15%	0.008%
194	11.957	11.927	11.980	PV	691	13566	0.24%	0.012%

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195	11.995	11.980	12.014	VV	330	4695	0.08%	0.004%
196	12.076	12.014	12.102	VV	445171	4805760	86.31%	4.400%
197	12.110	12.102	12.122	VV	3102	30426	0.55%	0.028%
198	12.139	12.122	12.158	VV	4364	59239	1.06%	0.054%
199	12.167	12.158	12.187	VV	1649	20126	0.36%	0.018%
200	12.227	12.187	12.245	VV	2934	60101	1.08%	0.055%
201	12.259	12.245	12.273	VV	2033	23996	0.43%	0.022%
202	12.290	12.273	12.342	VV	2555	36488	0.66%	0.033%
203	12.363	12.342	12.373	PV	252	3252	0.06%	0.003%
204	12.419	12.373	12.454	VV	2990	56693	1.02%	0.052%
205	12.467	12.454	12.481	VV	501	6349	0.11%	0.006%
206	12.499	12.481	12.506	VV	491	5558	0.10%	0.005%
207	12.531	12.506	12.560	VV	812	18716	0.34%	0.017%
208	12.580	12.560	12.604	VV	1530	20687	0.37%	0.019%
209	12.665	12.604	12.745	VV	39944	529204	9.50%	0.485%
210	12.758	12.745	12.767	VV	1373	15187	0.27%	0.014%
211	12.787	12.767	12.821	VV	3384	57908	1.04%	0.053%
212	12.834	12.821	12.847	VV	1335	16755	0.30%	0.015%
213	12.856	12.847	12.875	VV	941	12327	0.22%	0.011%
214	12.902	12.875	12.940	VV	1652	34024	0.61%	0.031%
215	12.959	12.940	12.967	VV	757	7701	0.14%	0.007%
216	12.982	12.967	12.990	VV	1017	10897	0.20%	0.010%
217	13.012	12.990	13.032	VV	2992	43773	0.79%	0.040%
218	13.061	13.032	13.104	VV	3870	75124	1.35%	0.069%
219	13.129	13.104	13.171	VV	25928	314311	5.64%	0.288%
220	13.183	13.171	13.201	VV	481	5544	0.10%	0.005%
221	13.285	13.201	13.300	VV	930	27322	0.49%	0.025%
222	13.318	13.300	13.376	VV	1725	43459	0.78%	0.040%
223	13.430	13.376	13.451	VV	25795	303331	5.45%	0.278%
224	13.512	13.451	13.544	VV	326500	4006780	71.96%	3.669%
225	13.562	13.544	13.588	VV	1577	29411	0.53%	0.027%
226	13.605	13.588	13.651	VV	1312	34907	0.63%	0.032%
227	13.697	13.651	13.738	VV	2537	85929	1.54%	0.079%
228	13.760	13.738	13.801	VV	2499	62500	1.12%	0.057%
229	13.827	13.801	13.845	VV	1762	32624	0.59%	0.030%
230	13.853	13.845	13.867	VV	1275	15729	0.28%	0.014%
231	13.904	13.867	13.973	VV	9530	220762	3.96%	0.202%
232	14.018	13.973	14.051	VV	8428	155235	2.79%	0.142%
233	14.127	14.051	14.149	VV	4697	124863	2.24%	0.114%
234	14.168	14.149	14.196	VV	4182	70432	1.26%	0.064%
235	14.215	14.196	14.238	VV	3073	50972	0.92%	0.047%
236	14.262	14.238	14.279	VV	3006	54866	0.99%	0.050%
237	14.298	14.279	14.318	VV	3892	66261	1.19%	0.061%
238	14.341	14.318	14.377	VV	3585	78279	1.41%	0.072%
239	14.414	14.377	14.433	VV	1746	45369	0.81%	0.042%
240	14.447	14.433	14.457	VV	1400	16949	0.30%	0.016%
241	14.498	14.457	14.542	VV	2872	101494	1.82%	0.093%
242	14.564	14.542	14.583	VV	1783	36898	0.66%	0.034%
243	14.600	14.583	14.614	VV	1668	26360	0.47%	0.024%
244	14.656	14.614	14.674	VV	2891	69242	1.24%	0.063%
245	14.708	14.674	14.740	VV	3037	98691	1.77%	0.090%
246	14.754	14.740	14.798	VV	3309	72382	1.30%	0.066%

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247	14.832	14.798	14.844	VV	2673	55284	0.99%	0.051%
248	14.858	14.844	14.877	VV	2927	49256	0.88%	0.045%
249	14.898	14.877	14.914	VV	2766	54894	0.99%	0.050%
250	14.937	14.914	14.981	VV	4961	133228	2.39%	0.122%
251	15.001	14.981	15.020	VV	6333	91952	1.65%	0.084%
252	15.058	15.020	15.097	VV	4202	137068	2.46%	0.126%
253	15.120	15.097	15.131	VV	2619	46888	0.84%	0.043%
254	15.150	15.131	15.170	VV	3296	62419	1.12%	0.057%
255	15.184	15.170	15.204	VV	2662	45486	0.82%	0.042%
256	15.218	15.204	15.241	VV	1965	37592	0.68%	0.034%
257	15.262	15.241	15.280	VV	2961	50150	0.90%	0.046%
258	15.311	15.280	15.331	VV	19315	260349	4.68%	0.238%
259	15.352	15.331	15.394	VV	20158	291465	5.23%	0.267%
260	15.417	15.394	15.439	VV	2752	60291	1.08%	0.055%
261	15.476	15.439	15.498	VV	4963	110893	1.99%	0.102%
262	15.510	15.498	15.538	VV	2684	52630	0.95%	0.048%
263	15.556	15.538	15.586	VV	2863	65215	1.17%	0.060%
264	15.621	15.586	15.641	VV	3750	90421	1.62%	0.083%
265	15.652	15.641	15.705	VV	2987	79971	1.44%	0.073%
266	15.750	15.705	15.791	VV	21679	366465	6.58%	0.336%
267	15.797	15.791	15.841	VV	2878	63484	1.14%	0.058%
268	15.909	15.841	15.924	VV	3410	107360	1.93%	0.098%
269	15.944	15.924	15.959	VV	4040	67767	1.22%	0.062%
270	15.986	15.959	16.008	VV	7610	133141	2.39%	0.122%
271	16.024	16.008	16.050	VV	3821	63934	1.15%	0.059%
272	16.070	16.050	16.088	VV	3244	54594	0.98%	0.050%
273	16.097	16.088	16.106	VV	2466	25486	0.46%	0.023%
274	16.150	16.106	16.181	VV	4959	152991	2.75%	0.140%
275	16.225	16.181	16.251	VV	3618	106634	1.92%	0.098%
276	16.271	16.251	16.293	VV	2376	49457	0.89%	0.045%
277	16.313	16.293	16.324	VV	2130	35045	0.63%	0.032%
278	16.337	16.324	16.371	VV	2087	47498	0.85%	0.043%
279	16.398	16.371	16.411	VV	2325	47590	0.85%	0.044%
280	16.432	16.411	16.474	VV	2378	70010	1.26%	0.064%
281	16.496	16.474	16.534	VV	1571	43018	0.77%	0.039%
282	16.593	16.534	16.611	VV	3475	101588	1.82%	0.093%
283	16.624	16.611	16.641	VV	2805	40945	0.74%	0.037%
284	16.658	16.641	16.671	VV	2341	36012	0.65%	0.033%
285	16.701	16.671	16.721	VV	3431	80230	1.44%	0.073%
286	16.731	16.721	16.741	VV	2617	31380	0.56%	0.029%
287	16.767	16.741	16.818	VV	4544	134346	2.41%	0.123%
288	16.873	16.818	16.892	VV	23884	375405	6.74%	0.344%
289	16.901	16.892	16.938	VV	10515	135701	2.44%	0.124%
290	16.960	16.938	16.979	VV	1536	31808	0.57%	0.029%
291	17.004	16.979	17.028	VV	5628	88888	1.60%	0.081%
292	17.042	17.028	17.085	VV	3189	78832	1.42%	0.072%
293	17.123	17.085	17.139	VV	2618	69194	1.24%	0.063%
294	17.195	17.139	17.224	VV	15504	306960	5.51%	0.281%
295	17.252	17.224	17.297	VV	17668	267200	4.80%	0.245%
296	17.353	17.297	17.373	VV	6705	140995	2.53%	0.129%
297	17.395	17.373	17.438	VV	7173	142667	2.56%	0.131%
298	17.500	17.438	17.525	VV	3318	110960	1.99%	0.102%
299	17.535	17.525	17.547	VV	1677	19811	0.36%	0.018%

rteres

300	17.565	17.547	17.574	VV	1950	29727	0.53%	0.027%
301	17.616	17.574	17.647	VV	4053	123028	2.21%	0.113%
302	17.663	17.647	17.694	VV	2420	54916	0.99%	0.050%
303	17.712	17.694	17.732	VV	2569	43926	0.79%	0.040%
304	17.756	17.732	17.767	VV	2911	44470	0.80%	0.041%
305	17.788	17.767	17.818	VV	4662	93182	1.67%	0.085%
306	17.840	17.818	17.862	VV	2157	41652	0.75%	0.038%
307	17.917	17.862	17.997	VV	3225	137789	2.47%	0.126%
308	18.025	17.997	18.061	VV	1048	24958	0.45%	0.023%
309	18.099	18.061	18.128	VV	814	20402	0.37%	0.019%
310	18.189	18.128	18.207	VV	2235	62850	1.13%	0.058%
311	18.234	18.207	18.269	VV	4109	84830	1.52%	0.078%
312	18.324	18.269	18.341	VV	2024	53515	0.96%	0.049%
313	18.354	18.341	18.368	VV	1634	21912	0.39%	0.020%
314	18.406	18.368	18.453	VV	2716	101856	1.83%	0.093%
315	18.477	18.453	18.498	VV	1751	36542	0.66%	0.033%
316	18.534	18.498	18.552	VV	4367	75341	1.35%	0.069%
317	18.593	18.552	18.606	VV	10724	177489	3.19%	0.163%
318	18.623	18.606	18.646	VV	13923	214936	3.86%	0.197%
319	18.661	18.646	18.694	VV	5862	101716	1.83%	0.093%
320	18.710	18.694	18.734	VV	1312	25054	0.45%	0.023%
321	18.760	18.734	18.775	VV	5421	78659	1.41%	0.072%
322	18.788	18.775	18.852	VV	4444	77891	1.40%	0.071%
323	18.879	18.852	18.906	PV	12602	161691	2.90%	0.148%
324	18.963	18.906	18.980	VV	1800	49439	0.89%	0.045%
325	19.011	18.980	19.038	VV	3980	68685	1.23%	0.063%
326	19.066	19.038	19.094	VV	4067	67622	1.21%	0.062%
327	19.102	19.094	19.128	VV	940	11644	0.21%	0.011%
328	19.189	19.128	19.211	VV	2851	65309	1.17%	0.060%
329	19.244	19.211	19.267	VV	1775	46258	0.83%	0.042%
330	19.278	19.267	19.295	VV	1591	21193	0.38%	0.019%
331	19.312	19.295	19.328	VV	1938	31519	0.57%	0.029%
332	19.356	19.328	19.371	VV	1820	43536	0.78%	0.040%
333	19.424	19.371	19.451	VV	7785	208449	3.74%	0.191%
334	19.477	19.451	19.507	VV	5196	142951	2.57%	0.131%
335	19.558	19.507	19.614	VV	4038	184431	3.31%	0.169%
336	19.669	19.614	19.697	VV	3322	126743	2.28%	0.116%
337	19.719	19.697	19.784	VV	2889	126453	2.27%	0.116%
338	19.795	19.784	19.810	VV	2464	34466	0.62%	0.032%
339	19.856	19.810	19.881	VV	4744	144814	2.60%	0.133%
340	19.900	19.881	19.937	VV	3954	120648	2.17%	0.110%
341	19.963	19.937	19.998	VV	5698	155723	2.80%	0.143%
342	20.036	19.998	20.066	VV	10153	246329	4.42%	0.226%
343	20.101	20.066	20.131	VV	8611	242245	4.35%	0.222%
344	20.151	20.131	20.172	VV	5864	131165	2.36%	0.120%
345	20.195	20.172	20.208	VV	5936	119831	2.15%	0.110%
346	20.230	20.208	20.260	VV	7099	189498	3.40%	0.174%
347	20.324	20.260	20.348	VV	6465	288116	5.17%	0.264%
348	20.414	20.348	20.438	VV	11634	411792	7.40%	0.377%
349	20.480	20.438	20.496	VV	8998	274131	4.92%	0.251%
350	20.506	20.496	20.525	VV	8183	138928	2.50%	0.127%
351	20.556	20.525	20.578	VV	9548	269611	4.84%	0.247%

rteres

352	20.592	20.578	20.621	VV	8628	210708	3.78%	0.193%
353	20.685	20.621	20.711	VV	8448	422093	7.58%	0.386%
354	20.764	20.711	20.800	VV	9273	439562	7.89%	0.402%
355	20.842	20.800	20.861	VV	8670	295680	5.31%	0.271%
356	20.873	20.861	20.887	VV	8369	125807	2.26%	0.115%
357	20.962	20.887	21.046	VV	8883	783091	14.06%	0.717%
358	21.073	21.046	21.108	VV	7726	276577	4.97%	0.253%
359	21.222	21.108	21.257	VV	7338	643586	11.56%	0.589%
360	21.270	21.257	21.342	VV	6978	329963	5.93%	0.302%
361	21.374	21.342	21.407	VV	6614	238422	4.28%	0.218%
362	21.418	21.407	21.434	VV	5634	90813	1.63%	0.083%
363	21.455	21.434	21.545	VV	5816	336724	6.05%	0.308%
364	21.563	21.545	21.621	VV	4344	177526	3.19%	0.163%
365	21.650	21.621	21.661	VV	3704	85877	1.54%	0.079%
366	21.684	21.661	21.708	VV	3886	101971	1.83%	0.093%
367	21.766	21.708	21.797	VV	3982	195074	3.50%	0.179%
368	21.859	21.797	21.979	VV	5082	373427	6.71%	0.342%
369	21.990	21.979	22.004	VV	2346	31214	0.56%	0.029%
370	22.035	22.004	22.058	VV	2380	69557	1.25%	0.064%
371	22.085	22.058	22.143	VV	2616	98985	1.78%	0.091%
372	22.175	22.143	22.223	VV	2194	66512	1.19%	0.061%
373	22.265	22.223	22.293	VV	2280	55133	0.99%	0.050%
374	22.326	22.293	22.346	VV	1373	35531	0.64%	0.033%
375	22.369	22.346	22.394	VV	1593	33867	0.61%	0.031%
376	22.415	22.394	22.452	VV	1135	24141	0.43%	0.022%
377	22.483	22.452	22.498	PV	112	2209	0.04%	0.002%

Sum of corrected areas: 109214340

Aliphatic EPH 062725.M Thu Jul 03 05:46:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Operator : YP/AJ
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BL

Integration File: autoint1.e
Quant Time: Jul 03 02:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.678	5930322	34.327 ug/ml
Spiked Amount 50.000		Recovery = 68.65%	
12) S 1-chlorooctadecane (S...	13.113	4638335	35.504 ug/ml
Spiked Amount 50.000		Recovery = 71.01%	
Target Compounds			

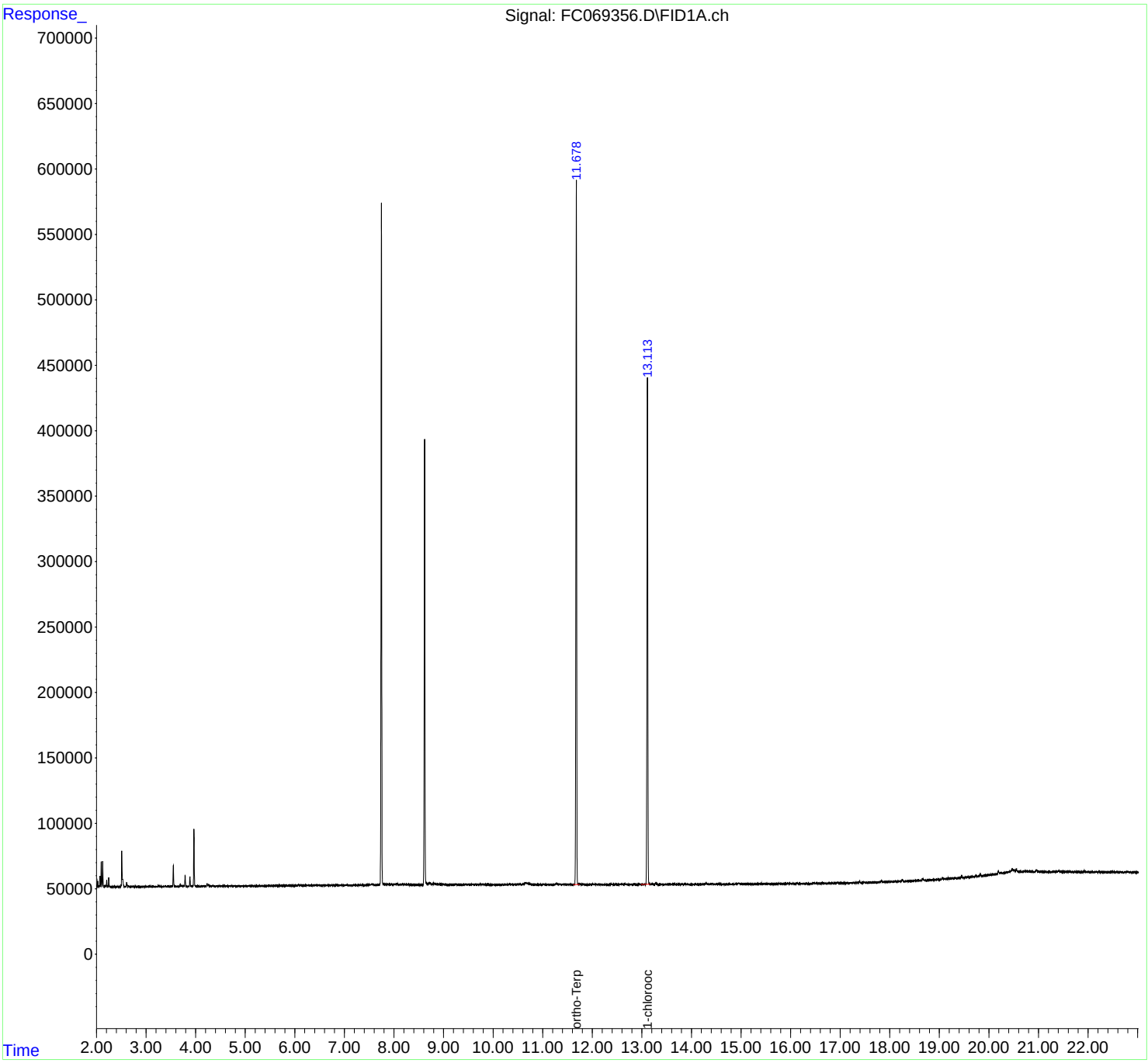
(f)=RT Delta > 1/2 Window (m)=manual int.

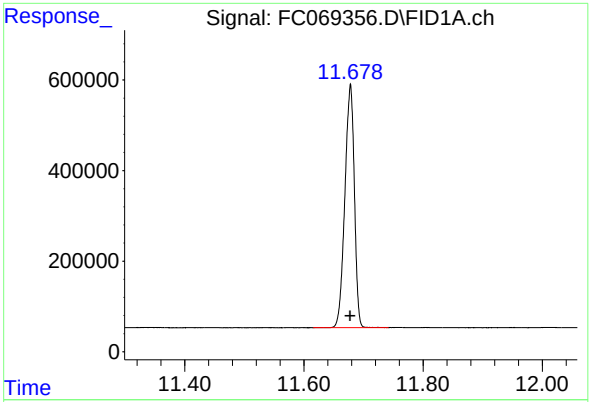
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Operator : YP/AJ
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BL

Integration File: autoint1.e
Quant Time: Jul 03 02:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

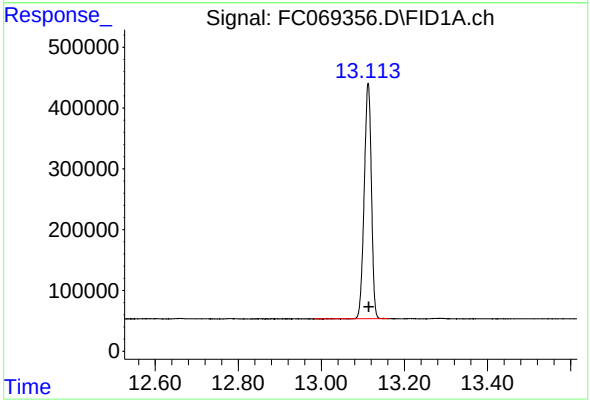




#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 5930322
Conc: 34.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 4638335
Conc: 35.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.678	11.615	11.742	BB	532425	5930322	100.00%	56.112%
2	13.113	12.980	13.162	BB	388000	4638335	78.21%	43.888%
			Sum of corrected areas:			10568657		

Aliphatic EPH 061825.M Thu Jul 03 02:39:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Operator : YP/AJ
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.678	6323173	36.601 ug/ml
Spiked Amount	50.000		Recovery =	73.20%
12) S	1-chlorooctadecane (S...	13.113	4959307	37.961 ug/ml
Spiked Amount	50.000		Recovery =	75.92%
	Target Compounds			
1) T	n-Nonane (C9)	3.416	5128019	36.057 ug/ml
2) T	n-Decane (C10)	4.484	5430472	37.095 ug/ml
3) T	A~Naphthalene (C11.7)	6.076	6793488	42.223 ug/ml
4) T	n-Dodecane (C12)	6.506	5795356	38.272 ug/ml
5) T	A~2-methylnaphthalene...	7.135	6559443	41.450 ug/ml
6) T	n-Tetradecane (C14)	8.307	6204330	40.027 ug/ml
7) T	n-Hexadecane (C16)	9.910	6427157	39.330 ug/ml
8) T	n-Octadecane (C18)	11.356	6337285	38.815 ug/ml
10) T	n-Eicosane (C20)	12.668	6329060	41.464 ug/ml
11) T	n-Heneicosane (C21)	13.281	5976266	40.547 ug/ml
13) T	n-Docosane (C22)	13.868	5822204	40.465 ug/ml
14) T	n-Tetracosane (C24)	14.967	11360581	82.364 ug/ml
15) T	n-Hexacosane (C26)	15.999	5272563	40.334 ug/ml
16) T	n-Octacosane (C28)	16.947	5021471	40.716 ug/ml
17) T	n-Tricontane (C30)	17.838	4866793	40.937 ug/ml
18) T	n-Dotriacontane (C32)	18.670	4703571	43.019 ug/ml
19) T	n-Tetratriacontane (C34)	19.455	4824256	49.958 ug/ml
20) T	n-Hexatriacontane (C36)	20.197	4566616	55.412 ug/ml
21) T	n-Octatriacontane (C38)	20.965	4561655	61.041 ug/ml
22) T	n-Tetracontane (C40)	21.933	4397072	62.091 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

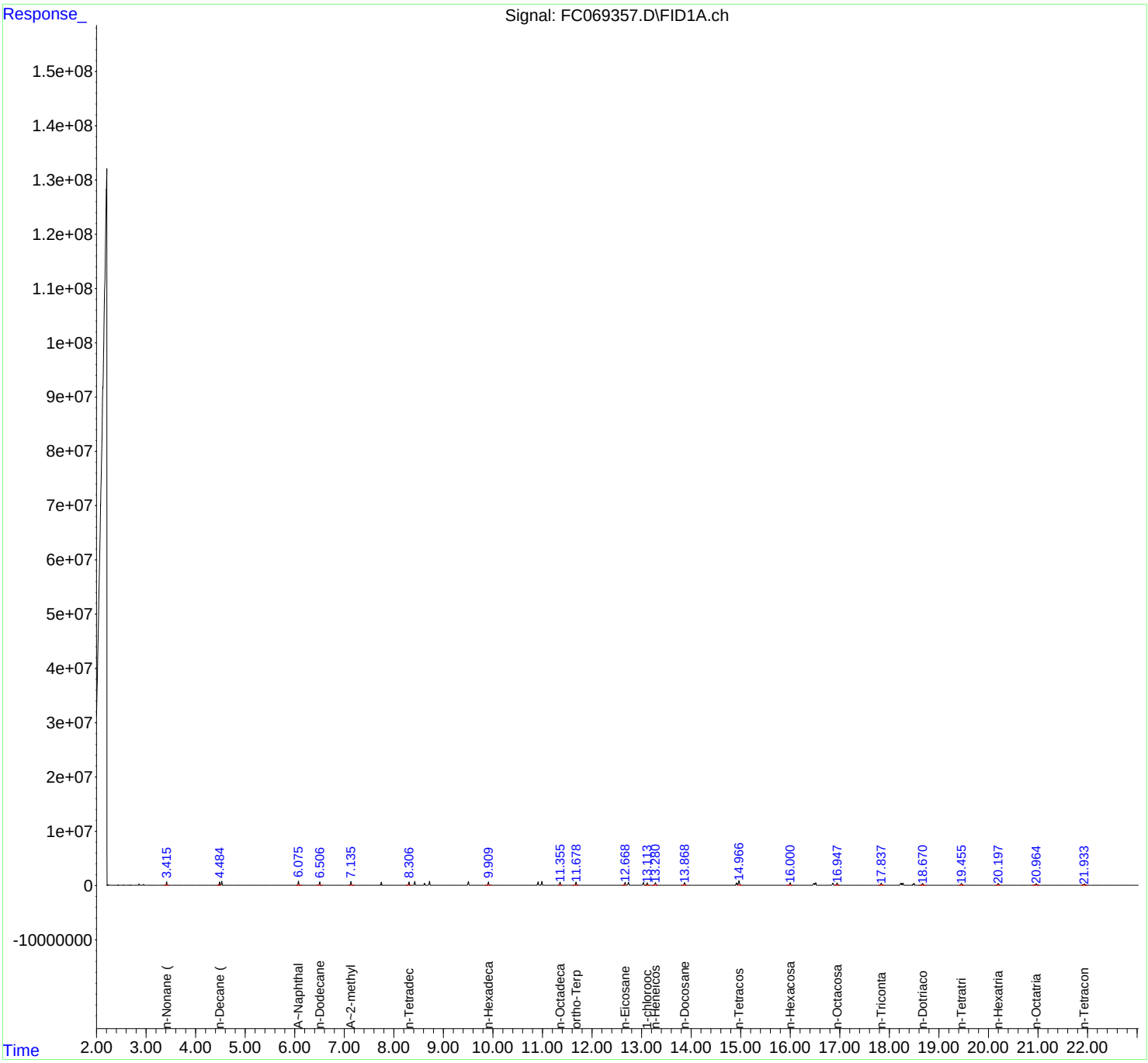
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Operator : YP/AJ
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
PB168702BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC07022
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.416	3.363	3.460	BB	619971	5128019	45.14%	2.326%
2	4.484	4.432	4.506	BV	602076	5430472	47.80%	2.463%
3	4.528	4.506	4.571	VV	708326	6200926	54.58%	2.813%
4	6.076	6.020	6.143	BB	729351	6793488	59.80%	3.082%
5	6.506	6.442	6.562	BB	590319	5795356	51.01%	2.629%
6	7.135	7.085	7.202	BB	674706	6559443	57.74%	2.976%
7	8.307	8.240	8.347	BB	604199	6204330	54.61%	2.815%
8	8.422	8.358	8.472	BB	710252	7223581	63.58%	3.277%
9	8.721	8.680	8.762	BB	699076	7253721	63.85%	3.291%
10	9.506	9.433	9.577	BB	682680	7329528	64.52%	3.325%
11	9.910	9.842	9.972	BB	576209	6427157	56.57%	2.916%
12	10.913	10.830	10.949	BV	623086	6938504	61.08%	3.148%
13	10.989	10.949	11.040	PV	640238	6899655	60.73%	3.130%
14	11.356	11.310	11.402	BB	562254	6337285	55.78%	2.875%
15	11.678	11.610	11.730	BB	577230	6323173	55.66%	2.868%
16	12.668	12.605	12.699	BV	536921	6329060	55.71%	2.871%
17	12.737	12.699	12.783	VB	547248	6414411	56.46%	2.910%
18	13.037	12.962	13.065	BV	536920	6348533	55.88%	2.880%
19	13.113	13.065	13.167	VB	432628	4959307	43.65%	2.250%
20	13.281	13.212	13.332	BB	483954	5976266	52.61%	2.711%
21	13.868	13.802	13.912	BB	472853	5822204	51.25%	2.641%
22	14.920	14.850	14.939	BV	443453	5831750	51.33%	2.646%
23	14.967	14.939	15.023	VB	813040	11360581	100.00%	5.154%
24	15.999	15.930	16.048	BB	406694	5272563	46.41%	2.392%
25	16.480	16.402	16.496	BV	367010	5532170	48.70%	2.510%
26	16.516	16.496	16.563	VB	462481	5485749	48.29%	2.489%
27	16.864	16.787	16.898	BV	390544	5353431	47.12%	2.429%
28	16.947	16.898	16.992	VB	382334	5021471	44.20%	2.278%
29	17.838	17.780	17.897	BB	358007	4866793	42.84%	2.208%
30	18.239	18.160	18.253	BV	385822	5678741	49.99%	2.576%
31	18.277	18.253	18.340	VB	391863	5240760	46.13%	2.377%
32	18.498	18.423	18.550	BB	366429	5125555	45.12%	2.325%
33	18.670	18.605	18.732	BB	333372	4703571	41.40%	2.134%
34	19.455	19.400	19.508	BB	332595	4824256	42.46%	2.188%
35	20.197	20.140	20.238	BB	329442	4566616	40.20%	2.072%
36	20.965	20.883	21.020	BB	240288	4561655	40.15%	2.069%

Instrument :
FID_C
ClientSampleId :
PB168702BS

rteres
37 21.934 21.880 22.027 BB 188781 4319306 38.02% 1.959%
Sum of corrected areas: 220

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Aliphatic EPH 061825.M Thu Jul 03 02:41:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Operator : YP/AJ
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.678	6140865	35.546 ug/ml
Spiked Amount	50.000		Recovery =	71.09%
12)	S 1-chlorooctadecane (S...	13.114	4844779	37.084 ug/ml
Spiked Amount	50.000		Recovery =	74.17%
	Target Compounds			
1)	T n-Nonane (C9)	3.417	5011591	35.239 ug/ml
2)	T n-Decane (C10)	4.485	5303546	36.228 ug/ml
3)	T A~Naphthalene (C11.7)	6.076	6596032	40.996 ug/ml
4)	T n-Dodecane (C12)	6.506	5634924	37.213 ug/ml
5)	T A~2-methylnaphthalene...	7.135	6353544	40.149 ug/ml
6)	T n-Tetradecane (C14)	8.307	6004455	38.737 ug/ml
7)	T n-Hexadecane (C16)	9.910	6213630	38.023 ug/ml
8)	T n-Octadecane (C18)	11.356	6125081	37.515 ug/ml
10)	T n-Eicosane (C20)	12.668	6159761	40.355 ug/ml
11)	T n-Heneicosane (C21)	13.280	5832995	39.574 ug/ml
13)	T n-Docosane (C22)	13.868	5706634	39.662 ug/ml
14)	T n-Tetracosane (C24)	14.966	11215399	81.312 ug/ml
15)	T n-Hexacosane (C26)	15.997	5225976	39.977 ug/ml
16)	T n-Octacosane (C28)	16.947	4989993	40.461 ug/ml
17)	T n-Tricontane (C30)	17.838	4835214	40.672 ug/ml
18)	T n-Dotriacontane (C32)	18.670	4670354	42.715 ug/ml
19)	T n-Tetratriacontane (C34)	19.455	4788543	49.588 ug/ml
20)	T n-Hexatriacontane (C36)	20.197	4531299	54.983 ug/ml
21)	T n-Octatriacontane (C38)	20.966	4518906	60.469 ug/ml
22)	T n-Tetracontane (C40)	21.932	4336898	61.242 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Operator : YP/AJ
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

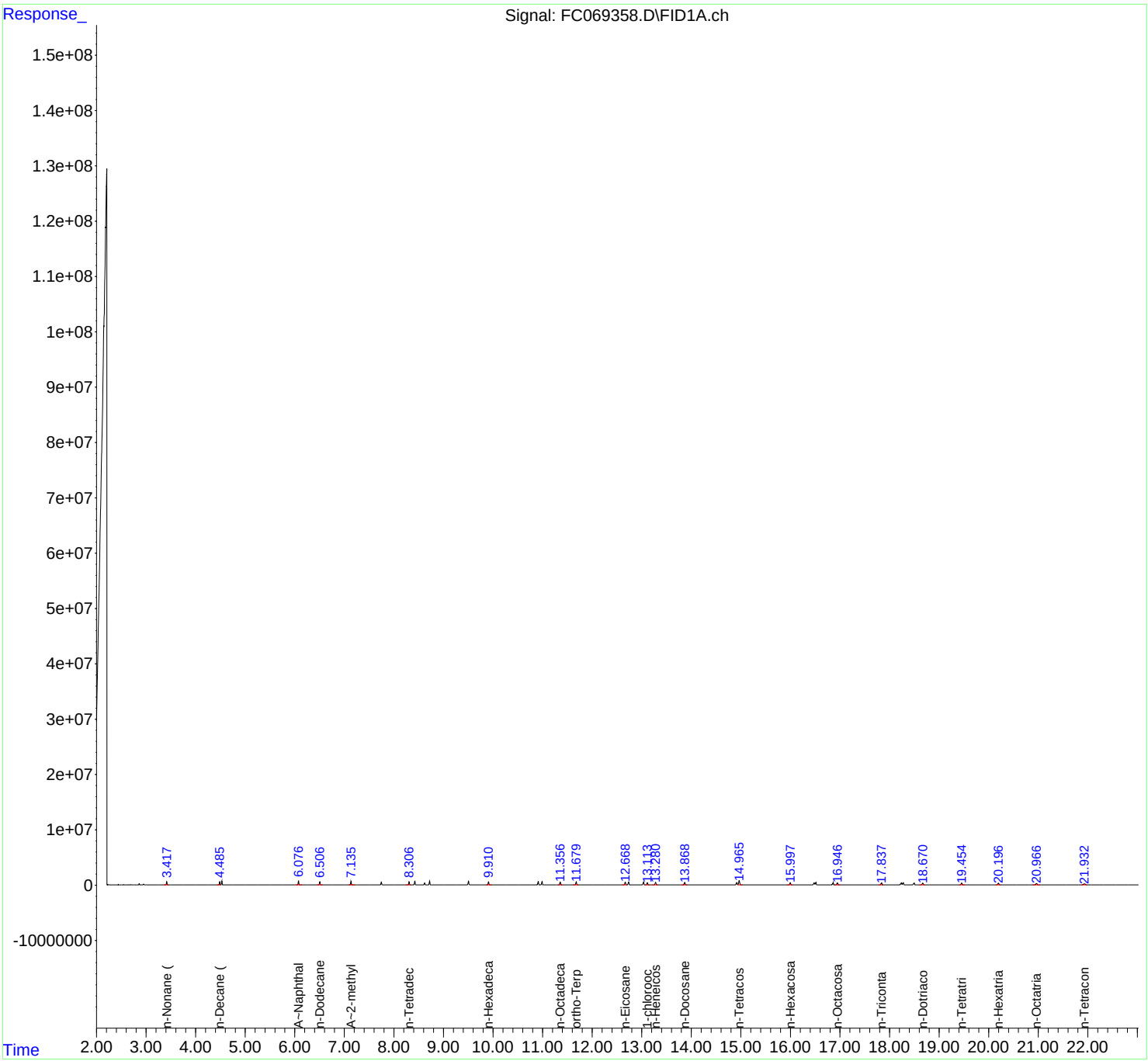
Integration File: autoint1.e
Quant Time: Jul 03 02:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_C
ClientSampleId :
PB168702BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



Instrument :
FID_C
ClientSampleId :
PB168702BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC07022
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.417	3.355	3.459	BB	605299	5011591	44.68%	2.321%
2	4.485	4.430	4.506	BV	598216	5303546	47.29%	2.457%
3	4.529	4.506	4.572	VV	684999	6045727	53.91%	2.801%
4	6.076	6.014	6.145	BB	717237	6596032	58.81%	3.055%
5	6.506	6.449	6.565	BB	588640	5634924	50.24%	2.610%
6	7.135	7.087	7.215	BB	656523	6353544	56.65%	2.943%
7	8.307	8.240	8.345	BB	577235	6004455	53.54%	2.781%
8	8.422	8.357	8.472	BB	689319	6977388	62.21%	3.232%
9	8.720	8.677	8.759	BB	708210	7004873	62.46%	3.245%
10	9.506	9.437	9.577	BB	673046	7085512	63.18%	3.282%
11	9.910	9.860	9.975	BB	570695	6213630	55.40%	2.878%
12	10.913	10.827	10.949	BV	625035	6757072	60.25%	3.130%
13	10.989	10.949	11.045	PV	608255	6727715	59.99%	3.116%
14	11.356	11.310	11.404	BB	529830	6125081	54.61%	2.837%
15	11.678	11.609	11.732	BB	558357	6140865	54.75%	2.845%
16	12.668	12.607	12.699	BV	502893	6159761	54.92%	2.853%
17	12.737	12.699	12.799	VB	541835	6312839	56.29%	2.924%
18	13.038	12.964	13.065	BV	556356	6246705	55.70%	2.894%
19	13.114	13.065	13.165	VB	402094	4844779	43.20%	2.244%
20	13.280	13.210	13.335	BB	475162	5832995	52.01%	2.702%
21	13.868	13.805	13.920	BB	458763	5706634	50.88%	2.643%
22	14.918	14.845	14.938	BV	444357	5756688	51.33%	2.667%
23	14.966	14.938	15.030	VB	763686	11215399	100.00%	5.195%
24	15.997	15.925	16.044	BB	382308	5225976	46.60%	2.421%
25	16.480	16.404	16.495	BV	359704	5450637	48.60%	2.525%
26	16.515	16.495	16.564	VB	466945	5417134	48.30%	2.509%
27	16.863	16.785	16.894	BV	394327	5280479	47.08%	2.446%
28	16.947	16.894	17.004	VB	364609	4989993	44.49%	2.311%
29	17.838	17.780	17.874	BB	361247	4835214	43.11%	2.240%
30	18.238	18.159	18.254	BV	379571	5621792	50.13%	2.604%
31	18.277	18.254	18.345	VB	409382	5165700	46.06%	2.393%
32	18.497	18.412	18.555	BB	347086	5056103	45.08%	2.342%
33	18.670	18.602	18.715	BB	333162	4670354	41.64%	2.163%
34	19.455	19.400	19.519	BB	344162	4788543	42.70%	2.218%
35	20.197	20.140	20.247	BB	302667	4531299	40.40%	2.099%
36	20.966	20.884	21.040	BB	234781	4518906	40.29%	2.093%

Instrument :
FID_C
ClientSampleId :
PB168702BSD

rteres

37 21.932 21.880 22.005 BB 176949 4269726 38.07% 1.978%

Sum of corrected areas: 2158

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Aliphatic EPH 061825.M Thu Jul 03 02:43:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Operator : YP/AJ
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 03 02:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.678	4023882	23.292 ug/ml
Spiked Amount	50.000		Recovery =	46.58%
12) S	1-chlorooctadecane (S...	13.114	3175165	24.304 ug/ml
Spiked Amount	50.000		Recovery =	48.61%
	Target Compounds			
1) T	n-Nonane (C9)	3.408	3661923	25.749 ug/ml
2) T	n-Decane (C10)	4.481	4091672	27.949 ug/ml
3) T	A~Naphthalene (C11.7)	6.076	5209195	32.376 ug/ml
4) T	n-Dodecane (C12)	6.506	4479398	29.582 ug/ml
5) T	A~2-methylnaphthalene...	7.136	5098592	32.219 ug/ml
6) T	n-Tetradecane (C14)	8.307	4855780	31.327 ug/ml
7) T	n-Hexadecane (C16)	9.911	5244393	32.092 ug/ml
8) T	n-Octadecane (C18)	11.356	5256574	32.195 ug/ml
10) T	n-Eicosane (C20)	12.668	5277506	34.575 ug/ml
11) T	n-Heneicosane (C21)	13.280	4973871	33.746 ug/ml
13) T	n-Docosane (C22)	13.869	4856629	33.754 ug/ml
14) T	n-Tetracosane (C24)	14.967	9373274	67.956 ug/ml
15) T	n-Hexacosane (C26)	15.998	4448093	34.027 ug/ml
16) T	n-Octacosane (C28)	16.948	4273455	34.651 ug/ml
17) T	n-Tricontane (C30)	17.839	4182235	35.179 ug/ml
18) T	n-Dotriacontane (C32)	18.673	4116549	37.650 ug/ml
19) T	n-Tetratriacontane (C34)	19.458	4219783	43.698 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	4171089	50.612 ug/ml
21) T	n-Octatriacontane (C38)	20.969	4346348	58.160 ug/ml
22) T	n-Tetracontane (C40)	21.939	4127966	58.291 ug/ml

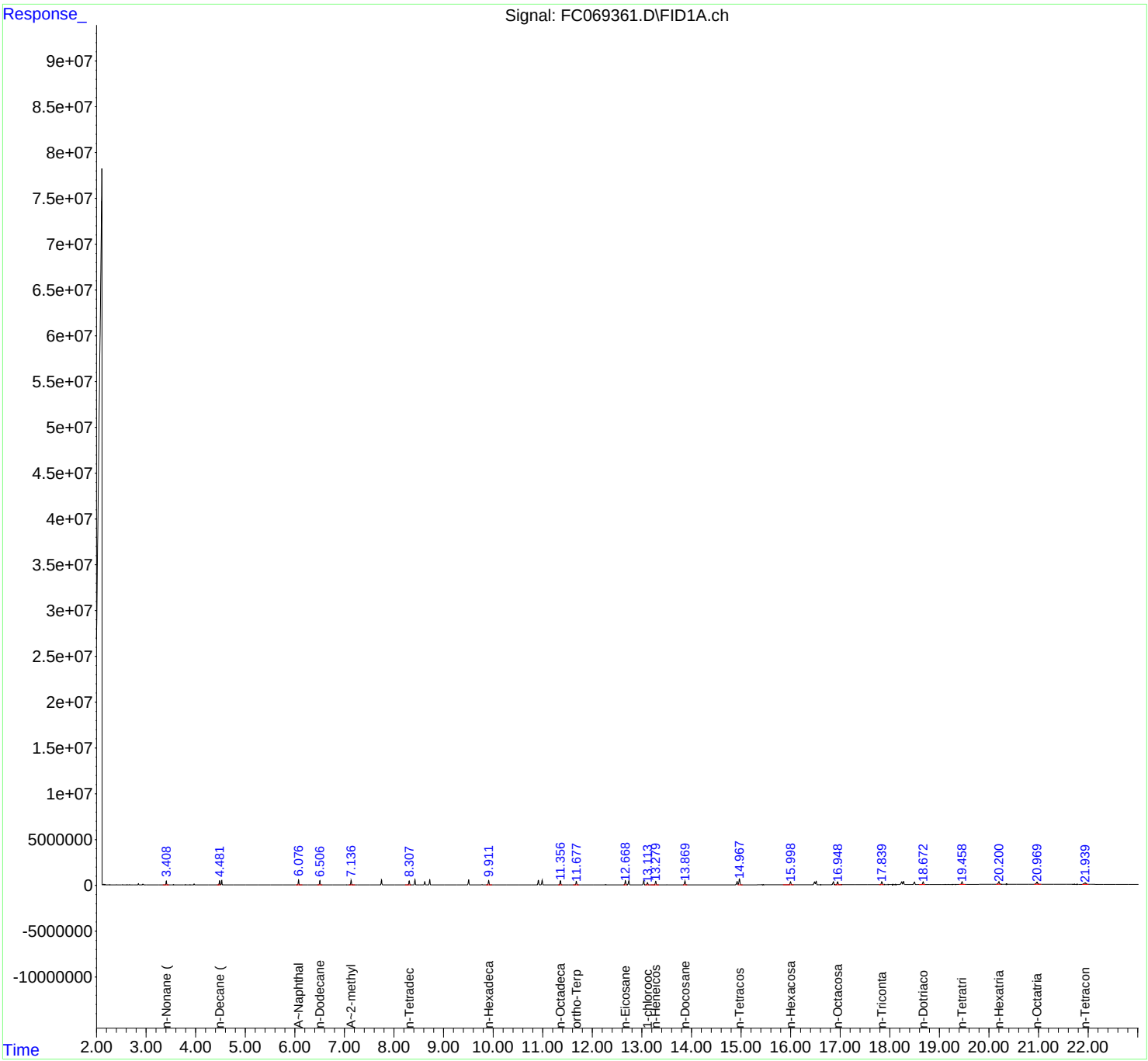
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Operator : YP/AJ
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 03 02:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.247	3.205	3.277	BV	3351	36073	0.38%	0.015%
2	3.288	3.277	3.343	VV	555	11319	0.12%	0.005%
3	3.408	3.343	3.475	VV	441268	3679867	39.19%	1.572%
4	3.484	3.475	3.499	VV	450	5890	0.06%	0.003%
5	3.511	3.499	3.524	VV	476	5588	0.06%	0.002%
6	3.555	3.524	3.598	VV	35262	285309	3.04%	0.122%
7	3.608	3.598	3.617	VV	270	2340	0.02%	0.001%
8	3.629	3.617	3.662	VV	416	5919	0.06%	0.003%
9	3.685	3.662	3.714	VV	5194	80442	0.86%	0.034%
10	3.726	3.714	3.745	VV	1940	19587	0.21%	0.008%
11	3.763	3.745	3.774	VV	1775	17693	0.19%	0.008%
12	3.793	3.774	3.871	VV	26280	213281	2.27%	0.091%
13	3.890	3.871	3.932	PV	21613	180029	1.92%	0.077%
14	3.970	3.932	4.038	VV	96482	794560	8.46%	0.339%
15	4.054	4.038	4.069	VV	487	6208	0.07%	0.003%
16	4.082	4.069	4.097	VV	489	5688	0.06%	0.002%
17	4.111	4.097	4.167	VV	436	10669	0.11%	0.005%
18	4.235	4.167	4.252	VV	6005	75603	0.81%	0.032%
19	4.265	4.252	4.332	VV	4362	42324	0.45%	0.018%
20	4.352	4.332	4.384	VV	1827	18499	0.20%	0.008%
21	4.407	4.384	4.447	VV	140	3004	0.03%	0.001%
22	4.481	4.447	4.503	PV	465517	4093316	43.60%	1.748%
23	4.525	4.503	4.569	VV	527133	4580273	48.78%	1.956%
24	4.586	4.569	4.608	VV	4309	42670	0.45%	0.018%
25	4.632	4.608	4.671	VV	7163	68250	0.73%	0.029%
26	4.696	4.671	4.710	VV	130	2462	0.03%	0.001%
27	4.730	4.710	4.755	VV	396	5675	0.06%	0.002%
28	4.764	4.755	4.779	VV	207	1882	0.02%	0.001%
29	4.786	4.779	4.795	VV	110	843	0.01%	0.000%
30	4.814	4.795	4.840	PV	234	3690	0.04%	0.002%
31	4.857	4.840	4.875	VV	224	3350	0.04%	0.001%
32	4.902	4.875	4.944	VV	287	7004	0.07%	0.003%
33	4.956	4.944	4.979	VV	223	3352	0.04%	0.001%
34	5.035	4.979	5.060	VV	295	7559	0.08%	0.003%
35	5.071	5.060	5.104	VV	190	3737	0.04%	0.002%
36	5.122	5.104	5.185	VV	242	6396	0.07%	0.003%

rteres

37	5.203	5.185	5.215	VV	202	2025	0.02%	0.001%
38	5.226	5.215	5.242	VV	214	2196	0.02%	0.001%
39	5.273	5.242	5.292	VV	536	8317	0.09%	0.004%
40	5.302	5.292	5.318	VV	300	3645	0.04%	0.002%
41	5.337	5.318	5.359	VV	517	6862	0.07%	0.003%
42	5.395	5.359	5.450	VV	202	6186	0.07%	0.003%
43	5.520	5.450	5.536	PV	1462	18540	0.20%	0.008%
44	5.546	5.536	5.602	VV	623	10961	0.12%	0.005%
45	5.622	5.602	5.665	VV	500	8111	0.09%	0.003%
46	5.711	5.665	5.730	VV	261	5522	0.06%	0.002%
47	5.768	5.730	5.785	VV	410	6723	0.07%	0.003%
48	5.813	5.785	5.851	VV	240	5292	0.06%	0.002%
49	5.863	5.851	5.891	VV	193	2406	0.03%	0.001%
50	5.912	5.891	5.955	VV	282	5791	0.06%	0.002%
51	5.974	5.955	5.997	VV	199	3629	0.04%	0.002%
52	6.031	5.997	6.043	VV	276	4549	0.05%	0.002%
53	6.076	6.043	6.150	VV	559199	5221419	55.61%	2.230%
54	6.161	6.150	6.200	VV	368	7482	0.08%	0.003%
55	6.219	6.200	6.278	VV	378	9359	0.10%	0.004%
56	6.285	6.278	6.306	VV	179	2438	0.03%	0.001%
57	6.315	6.306	6.326	VV	175	1897	0.02%	0.001%
58	6.349	6.326	6.368	VV	529	7353	0.08%	0.003%
59	6.400	6.368	6.416	VV	348	7569	0.08%	0.003%
60	6.448	6.416	6.474	VV	252	5826	0.06%	0.002%
61	6.506	6.474	6.557	VV	465697	4488608	47.81%	1.917%
62	6.574	6.557	6.628	VV	738	12697	0.14%	0.005%
63	6.654	6.628	6.735	VV	517	10560	0.11%	0.005%
64	6.741	6.735	6.759	VV	101	808	0.01%	0.000%
65	6.798	6.759	6.817	PV	140	2644	0.03%	0.001%
66	6.828	6.817	6.858	VV	165	1911	0.02%	0.001%
67	6.865	6.858	6.878	VV	88	662	0.01%	0.000%
68	6.923	6.878	6.944	VV	337	7302	0.08%	0.003%
69	6.978	6.944	7.018	VV	4618	47199	0.50%	0.020%
70	7.041	7.018	7.095	VV	10759	106228	1.13%	0.045%
71	7.136	7.095	7.197	PV	515840	5104392	54.37%	2.180%
72	7.207	7.197	7.247	VV	356	6902	0.07%	0.003%
73	7.271	7.247	7.296	VV	1956	24915	0.27%	0.011%
74	7.325	7.296	7.373	VV	2181	41738	0.44%	0.018%
75	7.401	7.373	7.413	VV	940	13037	0.14%	0.006%
76	7.429	7.413	7.463	VV	1573	19906	0.21%	0.009%
77	7.481	7.463	7.509	VV	346	7361	0.08%	0.003%
78	7.522	7.509	7.555	VV	337	5254	0.06%	0.002%
79	7.563	7.555	7.588	VV	133	1683	0.02%	0.001%
80	7.608	7.588	7.629	VV	742	8150	0.09%	0.003%
81	7.646	7.629	7.680	VV	272	5136	0.05%	0.002%
82	7.856	7.817	7.872	VV	582	13493	0.14%	0.006%
83	7.885	7.872	7.938	VV	545	11497	0.12%	0.005%
84	7.961	7.938	7.972	VV	213	2933	0.03%	0.001%
85	7.998	7.972	8.030	VV	1317	18820	0.20%	0.008%
86	8.055	8.030	8.103	VV	1033	21303	0.23%	0.009%
87	8.126	8.103	8.144	VV	598	10597	0.11%	0.005%
88	8.166	8.144	8.178	VV	463	8211	0.09%	0.004%
89	8.208	8.178	8.225	VV	606	13575	0.14%	0.006%

rteres

90	8.232	8.225	8.247	VV	483	5201	0.06%	0.002%
91	8.307	8.247	8.345	VV	451903	4870559	51.88%	2.080%
92	8.357	8.345	8.377	VV	335	4537	0.05%	0.002%
93	8.423	8.377	8.461	VV	587270	5627440	59.94%	2.404%
94	8.476	8.461	8.519	VV	483	12530	0.13%	0.005%
95	8.533	8.519	8.562	VV	384	5162	0.05%	0.002%
96	8.721	8.688	8.758	VV	566764	5732354	61.06%	2.448%
97	8.769	8.758	8.817	VV	818	17197	0.18%	0.007%
98	8.839	8.817	8.893	VV	758	13757	0.15%	0.006%
99	8.922	8.893	8.955	VV	388	10153	0.11%	0.004%
100	8.959	8.955	8.965	VV	303	1616	0.02%	0.001%
101	8.989	8.965	9.007	VV	1696	23156	0.25%	0.010%
102	9.019	9.007	9.093	VV	1077	23891	0.25%	0.010%
103	9.127	9.093	9.152	VV	1007	13454	0.14%	0.006%
104	9.165	9.152	9.208	VV	219	3304	0.04%	0.001%
105	9.221	9.208	9.261	VV	98	1237	0.01%	0.001%
106	9.291	9.261	9.301	PV	170	2357	0.03%	0.001%
107	9.313	9.301	9.352	VV	179	2387	0.03%	0.001%
108	9.370	9.352	9.401	VV	234	3816	0.04%	0.002%
109	9.424	9.401	9.444	VV	294	5014	0.05%	0.002%
110	9.506	9.444	9.564	VV	573925	5891106	62.75%	2.516%
111	9.578	9.564	9.611	VV	489	10161	0.11%	0.004%
112	9.650	9.611	9.664	VV	547	11979	0.13%	0.005%
113	9.686	9.664	9.698	VV	2194	27244	0.29%	0.012%
114	9.717	9.698	9.753	VV	8080	94315	1.00%	0.040%
115	9.778	9.753	9.831	VV	30527	321468	3.42%	0.137%
116	9.842	9.831	9.871	VV	692	9814	0.10%	0.004%
117	9.911	9.871	9.977	VV	481362	5259675	56.02%	2.247%
118	9.999	9.977	10.073	VV	416	10020	0.11%	0.004%
119	10.087	10.073	10.110	VV	132	1359	0.01%	0.001%
120	10.147	10.110	10.158	VV	176	2575	0.03%	0.001%
121	10.190	10.158	10.211	VV	492	5925	0.06%	0.003%
122	10.222	10.211	10.228	PV	100	741	0.01%	0.000%
123	10.252	10.228	10.278	VV	925	10840	0.12%	0.005%
124	10.299	10.278	10.321	VV	474	6926	0.07%	0.003%
125	10.349	10.321	10.371	VV	396	8275	0.09%	0.004%
126	10.385	10.371	10.415	VV	340	5479	0.06%	0.002%
127	10.429	10.415	10.475	VV	263	5435	0.06%	0.002%
128	10.505	10.475	10.518	VV	265	3741	0.04%	0.002%
129	10.556	10.518	10.590	VV	641	13787	0.15%	0.006%
130	10.602	10.590	10.625	VV	411	4745	0.05%	0.002%
131	10.647	10.625	10.680	VV	729	10643	0.11%	0.005%
132	10.711	10.680	10.735	VV	5357	72502	0.77%	0.031%
133	10.743	10.735	10.769	VV	832	10385	0.11%	0.004%
134	10.779	10.769	10.821	VV	214	4301	0.05%	0.002%
135	10.841	10.821	10.851	VV	144	2222	0.02%	0.001%
136	10.913	10.851	10.955	VV	520538	5706464	60.78%	2.437%
137	10.989	10.955	11.045	VV	510988	5637586	60.05%	2.408%
138	11.062	11.045	11.131	VV	770	14987	0.16%	0.006%
139	11.156	11.131	11.178	VV	1316	16157	0.17%	0.007%
140	11.195	11.178	11.241	VV	2129	28397	0.30%	0.012%
141	11.252	11.241	11.258	VV	189	1327	0.01%	0.001%

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142	11.283	11.258	11.301	VV	478	6831	0.07%	0.003%
143	11.356	11.301	11.394	VV	466326	5267827	56.11%	2.250%
144	11.437	11.394	11.474	VV	712	17116	0.18%	0.007%
145	11.513	11.474	11.527	VV	301	5304	0.06%	0.002%
146	11.551	11.527	11.581	VV	290	5129	0.05%	0.002%
147	11.604	11.581	11.620	VV	201	2779	0.03%	0.001%
148	11.678	11.620	11.726	PV	366143	4040761	43.04%	1.726%
149	11.743	11.726	11.788	VV	1210	22714	0.24%	0.010%
150	11.811	11.788	11.848	VV	1202	29963	0.32%	0.013%
151	11.862	11.848	11.876	VV	1028	11594	0.12%	0.005%
152	11.892	11.876	11.932	VV	981	13056	0.14%	0.006%
153	11.960	11.932	11.990	PV	377	7811	0.08%	0.003%
154	12.023	11.990	12.051	VV	737	15936	0.17%	0.007%
155	12.072	12.051	12.094	VV	813	11335	0.12%	0.005%
156	12.114	12.094	12.155	VV	402	7259	0.08%	0.003%
157	12.181	12.155	12.217	VV	531	8647	0.09%	0.004%
158	12.269	12.217	12.345	VV	30744	385070	4.10%	0.164%
159	12.356	12.345	12.375	VV	1033	16010	0.17%	0.007%
160	12.386	12.375	12.421	VV	783	16587	0.18%	0.007%
161	12.433	12.421	12.448	VV	433	6853	0.07%	0.003%
162	12.456	12.448	12.465	VV	535	4635	0.05%	0.002%
163	12.490	12.465	12.548	VV	1384	30431	0.32%	0.013%
164	12.564	12.548	12.575	VV	449	4591	0.05%	0.002%
165	12.614	12.575	12.630	VV	896	18465	0.20%	0.008%
166	12.668	12.630	12.700	VV	454844	5286592	56.31%	2.258%
167	12.737	12.700	12.775	VV	461009	5294109	56.39%	2.261%
168	12.786	12.775	12.810	VV	574	8039	0.09%	0.003%
169	12.829	12.810	12.847	VV	155	2832	0.03%	0.001%
170	12.860	12.847	12.870	VV	228	2074	0.02%	0.001%
171	12.918	12.870	12.958	VV	4622	60636	0.65%	0.026%
172	12.966	12.958	13.001	VV	388	6805	0.07%	0.003%
173	13.038	13.001	13.066	VV	475517	5202270	55.41%	2.222%
174	13.114	13.066	13.178	VV	264298	3189445	33.97%	1.362%
175	13.220	13.178	13.241	PV	518	13548	0.14%	0.006%
176	13.280	13.241	13.318	VV	408958	4983068	53.07%	2.128%
177	13.332	13.318	13.345	VV	841	11395	0.12%	0.005%
178	13.366	13.345	13.396	VV	810	16822	0.18%	0.007%
179	13.425	13.396	13.437	VV	490	7107	0.08%	0.003%
180	13.506	13.437	13.587	VV	7124	125174	1.33%	0.053%
181	13.620	13.587	13.641	VV	1184	21389	0.23%	0.009%
182	13.659	13.641	13.678	VV	684	9663	0.10%	0.004%
183	13.708	13.678	13.749	VV	807	21589	0.23%	0.009%
184	13.769	13.749	13.791	VV	691	9519	0.10%	0.004%
185	13.817	13.791	13.831	VV	1110	15472	0.16%	0.007%
186	13.869	13.831	13.916	VV	405018	4867281	51.84%	2.079%
187	13.937	13.916	13.965	VV	593	9158	0.10%	0.004%
188	14.004	13.965	14.025	VV	366	7580	0.08%	0.003%
189	14.043	14.025	14.068	VV	1099	13854	0.15%	0.006%
190	14.099	14.068	14.131	VV	849	15713	0.17%	0.007%
191	14.143	14.131	14.160	PV	354	3504	0.04%	0.001%
192	14.197	14.160	14.215	VV	186	4039	0.04%	0.002%
193	14.229	14.215	14.241	VV	332	3788	0.04%	0.002%
194	14.260	14.241	14.278	VV	698	10647	0.11%	0.005%

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195	14.307	14.278	14.329	VV	2117	29858	0.32%	0.013%
196	14.353	14.329	14.367	VV	823	13089	0.14%	0.006%
197	14.382	14.367	14.402	VV	703	10062	0.11%	0.004%
198	14.431	14.402	14.450	VV	1669	23614	0.25%	0.010%
199	14.461	14.450	14.478	VV	649	7638	0.08%	0.003%
200	14.495	14.478	14.513	VV	528	7371	0.08%	0.003%
201	14.541	14.513	14.573	VV	657	15999	0.17%	0.007%
202	14.600	14.573	14.620	PV	940	12045	0.13%	0.005%
203	14.656	14.620	14.675	PV	903	14221	0.15%	0.006%
204	14.694	14.675	14.708	VV	641	8846	0.09%	0.004%
205	14.733	14.708	14.750	VV	385	6962	0.07%	0.003%
206	14.765	14.750	14.778	PV	347	3258	0.03%	0.001%
207	14.792	14.778	14.804	VV	297	3203	0.03%	0.001%
208	14.821	14.804	14.831	PV	338	3403	0.04%	0.001%
209	14.839	14.831	14.854	VV	241	2377	0.03%	0.001%
210	14.921	14.854	14.940	VV	356239	4788205	51.00%	2.045%
211	14.967	14.940	15.035	VV	659844	9388794	100.00%	4.010%
212	15.077	15.035	15.092	VV	661	17614	0.19%	0.008%
213	15.114	15.092	15.129	VV	686	10439	0.11%	0.004%
214	15.152	15.129	15.181	VV	563	12317	0.13%	0.005%
215	15.219	15.181	15.236	PV	707	12796	0.14%	0.005%
216	15.299	15.236	15.316	VV	666	23541	0.25%	0.010%
217	15.350	15.316	15.431	VV	11884	229417	2.44%	0.098%
218	15.492	15.431	15.528	VV	3562	77713	0.83%	0.033%
219	15.537	15.528	15.550	VV	531	6256	0.07%	0.003%
220	15.585	15.550	15.611	VV	1283	26840	0.29%	0.011%
221	15.632	15.611	15.671	VV	920	14942	0.16%	0.006%
222	15.723	15.671	15.741	PV	995	22781	0.24%	0.010%
223	15.755	15.741	15.784	VV	1078	13685	0.15%	0.006%
224	15.831	15.784	15.848	VV	942	16644	0.18%	0.007%
225	15.888	15.848	15.900	PV	730	17105	0.18%	0.007%
226	15.913	15.900	15.925	VV	437	5886	0.06%	0.003%
227	15.998	15.925	16.076	VV	342232	4442941	47.32%	1.898%
228	16.104	16.076	16.115	VV	428	7489	0.08%	0.003%
229	16.128	16.115	16.140	VV	335	2822	0.03%	0.001%
230	16.199	16.140	16.237	PV	1752	44796	0.48%	0.019%
231	16.300	16.237	16.317	VV	1824	41848	0.45%	0.018%
232	16.335	16.317	16.346	VV	1561	20268	0.22%	0.009%
233	16.368	16.346	16.391	VV	2373	47587	0.51%	0.020%
234	16.396	16.391	16.426	VV	1738	22380	0.24%	0.010%
235	16.483	16.426	16.498	VV	305021	4605733	49.06%	1.967%
236	16.517	16.498	16.552	VV	400319	4508633	48.02%	1.926%
237	16.608	16.552	16.631	VV	5967	143275	1.53%	0.061%
238	16.642	16.631	16.682	VV	2439	66510	0.71%	0.028%
239	16.727	16.682	16.742	VV	4334	99892	1.06%	0.043%
240	16.797	16.742	16.818	VV	3960	133023	1.42%	0.057%
241	16.864	16.818	16.893	VV	332370	4443128	47.32%	1.898%
242	16.948	16.893	17.055	VV	317665	4540498	48.36%	1.939%
243	17.082	17.055	17.108	VV	3625	102202	1.09%	0.044%
244	17.202	17.108	17.231	VV	7103	329658	3.51%	0.141%
245	17.270	17.231	17.305	VV	5844	215072	2.29%	0.092%
246	17.343	17.305	17.357	VV	6409	173945	1.85%	0.074%

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247	17.377	17.357	17.419	VV	9750	265029	2.82%	0.113%
248	17.437	17.419	17.458	VV	5647	126340	1.35%	0.054%
249	17.472	17.458	17.498	VV	5443	122505	1.30%	0.052%
250	17.521	17.498	17.549	VV	8742	203589	2.17%	0.087%
251	17.577	17.549	17.592	VV	6124	140148	1.49%	0.060%
252	17.608	17.592	17.628	VV	6067	117129	1.25%	0.050%
253	17.647	17.628	17.662	VV	5781	108621	1.16%	0.046%
254	17.729	17.662	17.772	VV	9631	442779	4.72%	0.189%
255	17.839	17.772	17.872	VV	309806	4540086	48.36%	1.939%
256	17.894	17.872	17.915	VV	9298	188659	2.01%	0.081%
257	17.934	17.915	17.948	VV	7212	132730	1.41%	0.057%
258	17.992	17.948	18.075	VV	14130	739610	7.88%	0.316%
259	18.146	18.075	18.155	VV	8468	375644	4.00%	0.160%
260	18.240	18.155	18.256	VV	320865	5151434	54.87%	2.200%
261	18.278	18.256	18.330	VV	347306	4671666	49.76%	1.995%
262	18.364	18.330	18.405	VV	18999	588638	6.27%	0.251%
263	18.422	18.405	18.447	VV	10783	260773	2.78%	0.111%
264	18.499	18.447	18.544	VV	289991	4592727	48.92%	1.962%
265	18.572	18.544	18.588	VV	11076	267012	2.84%	0.114%
266	18.673	18.588	18.713	VV	307066	4827903	51.42%	2.062%
267	18.745	18.713	18.757	VV	11974	297499	3.17%	0.127%
268	18.788	18.757	18.807	VV	17977	429986	4.58%	0.184%
269	18.831	18.807	18.866	VV	16440	501631	5.34%	0.214%
270	18.886	18.866	18.907	VV	13140	310786	3.31%	0.133%
271	18.946	18.907	18.956	VV	13827	396099	4.22%	0.169%
272	18.968	18.956	18.983	VV	14045	214207	2.28%	0.091%
273	19.040	18.983	19.061	VV	17402	715333	7.62%	0.306%
274	19.075	19.061	19.095	VV	16616	310070	3.30%	0.132%
275	19.119	19.095	19.141	VV	17137	438248	4.67%	0.187%
276	19.180	19.141	19.216	VV	17854	704998	7.51%	0.301%
277	19.293	19.216	19.314	VV	17801	952739	10.15%	0.407%
278	19.349	19.314	19.386	VV	17257	715589	7.62%	0.306%
279	19.458	19.386	19.529	VV	316394	5694303	60.65%	2.432%
280	19.588	19.529	19.605	VV	23051	934652	9.95%	0.399%
281	19.632	19.605	19.655	VV	22563	648255	6.90%	0.277%
282	19.678	19.655	19.691	VV	22935	486599	5.18%	0.208%
283	19.705	19.691	19.717	VV	23634	358301	3.82%	0.153%
284	19.738	19.717	19.753	VV	24145	495954	5.28%	0.212%
285	19.778	19.753	19.796	VV	23776	598690	6.38%	0.256%
286	19.821	19.796	19.855	VV	28101	899213	9.58%	0.384%
287	19.899	19.855	19.925	VV	28080	1103002	11.75%	0.471%
288	19.959	19.925	19.973	VV	27311	762626	8.12%	0.326%
289	20.004	19.973	20.051	VV	29374	1258239	13.40%	0.537%
290	20.115	20.051	20.143	VV	32408	1615703	17.21%	0.690%
291	20.199	20.143	20.240	VV	307306	5870261	62.52%	2.507%
292	20.251	20.240	20.260	VV	33538	387454	4.13%	0.165%
293	20.270	20.260	20.313	VV	33743	1008114	10.74%	0.431%
294	20.358	20.313	20.385	VV	34539	1394920	14.86%	0.596%
295	20.426	20.385	20.441	VV	31625	1052157	11.21%	0.449%
296	20.457	20.441	20.486	VV	30288	792136	8.44%	0.338%
297	20.499	20.486	20.528	VV	29160	704783	7.51%	0.301%
298	20.566	20.528	20.597	VV	31225	1219746	12.99%	0.521%
299	20.663	20.597	20.695	VV	30307	1731819	18.45%	0.740%

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300	20.708	20.695	20.761	VV	30041	1128825	12.02%	0.482%
301	20.776	20.761	20.805	VV	28028	686601	7.31%	0.293%
302	20.815	20.805	20.845	VV	25135	577090	6.15%	0.246%
303	20.883	20.845	20.909	VV	25555	933312	9.94%	0.399%
304	20.969	20.909	21.121	VV	254076	7302207	77.78%	3.119%
305	21.134	21.121	21.149	VV	22191	352667	3.76%	0.151%
306	21.158	21.149	21.191	VV	20776	495174	5.27%	0.212%
307	21.229	21.191	21.259	VV	18489	731823	7.79%	0.313%
308	21.279	21.259	21.314	VV	19102	585094	6.23%	0.250%
309	21.340	21.314	21.354	VV	17931	411348	4.38%	0.176%
310	21.376	21.354	21.405	VV	18501	542999	5.78%	0.232%
311	21.420	21.405	21.434	VV	20018	326836	3.48%	0.140%
312	21.444	21.434	21.461	VV	18375	296317	3.16%	0.127%
313	21.474	21.461	21.507	VV	17936	473024	5.04%	0.202%
314	21.517	21.507	21.538	VV	16730	290639	3.10%	0.124%
315	21.552	21.538	21.581	VV	15526	382837	4.08%	0.164%
316	21.596	21.581	21.635	VV	15728	491961	5.24%	0.210%
317	21.645	21.635	21.708	VV	15365	595674	6.34%	0.254%
318	21.722	21.708	21.760	VV	11969	352353	3.75%	0.151%
319	21.772	21.760	21.798	VV	11712	242883	2.59%	0.104%
320	21.807	21.798	21.850	VV	10272	289168	3.08%	0.124%
321	21.939	21.850	22.010	VV	172390	5017671	53.44%	2.143%
322	22.038	22.010	22.047	VV	12660	266127	2.83%	0.114%
323	22.059	22.047	22.115	VV	13121	449697	4.79%	0.192%
324	22.122	22.115	22.155	VV	9822	215599	2.30%	0.092%
325	22.171	22.155	22.196	VV	8554	189161	2.01%	0.081%
326	22.204	22.196	22.231	VV	7883	138308	1.47%	0.059%
327	22.244	22.231	22.323	VV	5806	152936	1.63%	0.065%
328	22.349	22.323	22.360	PV	1032	11535	0.12%	0.005%

Sum of corrected areas: 234117109

Aliphatic EPH 061825.M Thu Jul 03 02:48:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Operator : YP/AJ
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 03 02:12:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	4115666	23.823 ug/ml
Spiked Amount	50.000		Recovery =	47.65%
12) S	1-chlorooctadecane (S...	13.115	3246830	24.853 ug/ml
Spiked Amount	50.000		Recovery =	49.71%
	Target Compounds			
1) T	n-Nonane (C9)	3.410	3777056	26.558 ug/ml
2) T	n-Decane (C10)	4.483	4220988	28.833 ug/ml
3) T	A~Naphthalene (C11.7)	6.077	5352930	33.270 ug/ml
4) T	n-Dodecane (C12)	6.507	4603196	30.399 ug/ml
5) T	A~2-methylnaphthalene...	7.138	5237415	33.096 ug/ml
6) T	n-Tetradecane (C14)	8.308	4983250	32.149 ug/ml
7) T	n-Hexadecane (C16)	9.912	5387890	32.970 ug/ml
8) T	n-Octadecane (C18)	11.357	5405845	33.110 ug/ml
10) T	n-Eicosane (C20)	12.670	5422814	35.527 ug/ml
11) T	n-Heneicosane (C21)	13.283	5091368	34.543 ug/ml
13) T	n-Docosane (C22)	13.870	4985280	34.648 ug/ml
14) T	n-Tetracosane (C24)	14.970	9585556	69.495 ug/ml
15) T	n-Hexacosane (C26)	15.999	4555717	34.850 ug/ml
16) T	n-Octacosane (C28)	16.950	4389035	35.588 ug/ml
17) T	n-Tricontane (C30)	17.841	4272413	35.938 ug/ml
18) T	n-Dotriacontane (C32)	18.674	4207837	38.485 ug/ml
19) T	n-Tetratriacontane (C34)	19.458	4301754	44.547 ug/ml
20) T	n-Hexatriacontane (C36)	20.200	4320369	52.424 ug/ml
21) T	n-Octatriacontane (C38)	20.970	4408273	58.989 ug/ml
22) T	n-Tetracontane (C40)	21.941	4210067	59.451 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

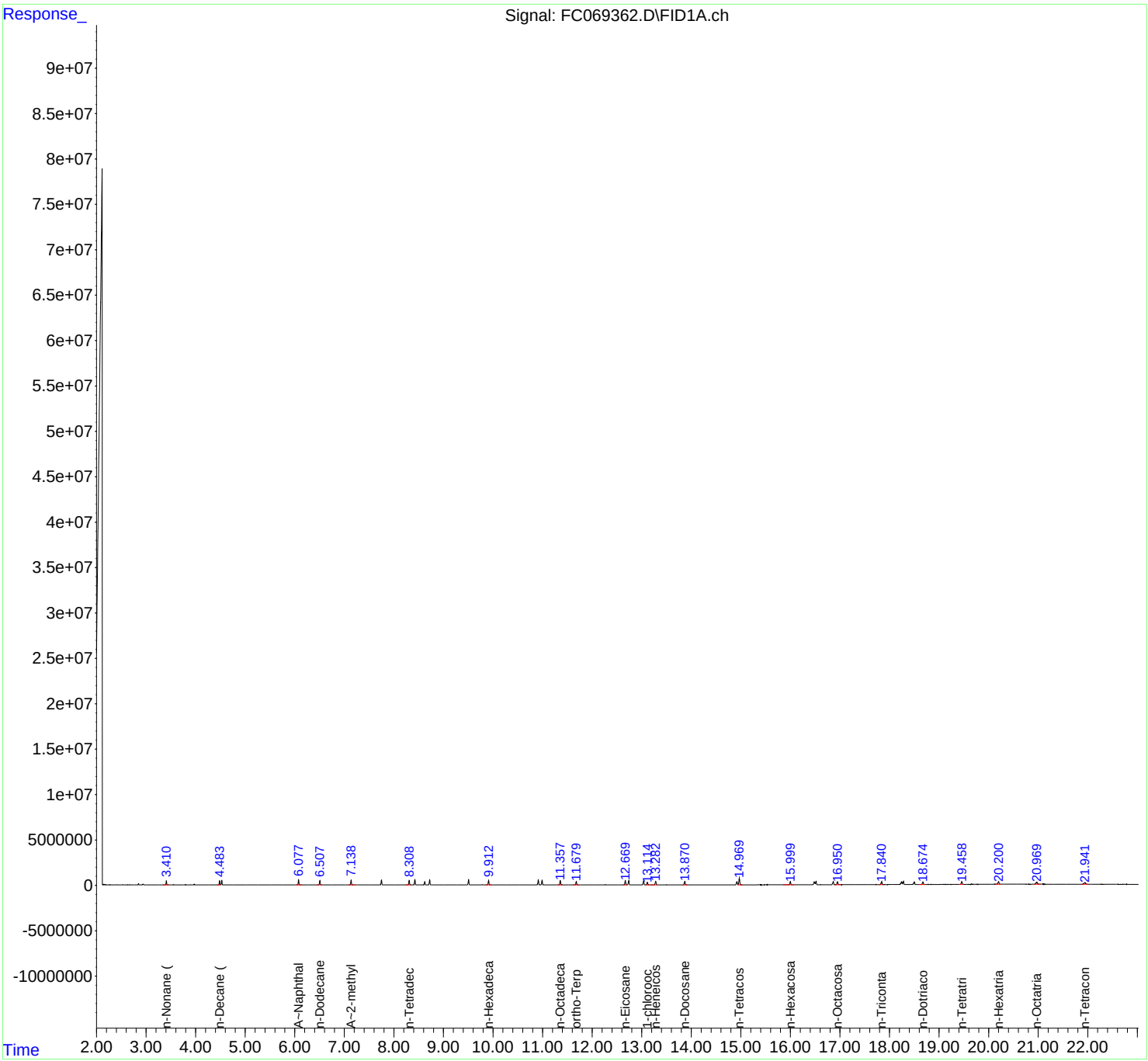
Sample Results: **FC069362.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Operator : YP/AJ
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 03 02:12:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.249	3.204	3.345	BV	3738	51553	0.54%	0.022%
2	3.410	3.345	3.472	PV	459590	3797122	39.57%	1.598%
3	3.488	3.472	3.499	VV	567	7589	0.08%	0.003%
4	3.512	3.499	3.526	VV	536	7852	0.08%	0.003%
5	3.557	3.526	3.582	VV	33295	271981	2.83%	0.114%
6	3.590	3.582	3.614	VV	298	4980	0.05%	0.002%
7	3.630	3.614	3.661	VV	425	7567	0.08%	0.003%
8	3.686	3.661	3.716	VV	5630	85963	0.90%	0.036%
9	3.728	3.716	3.747	VV	1881	19780	0.21%	0.008%
10	3.765	3.747	3.777	VV	1745	18338	0.19%	0.008%
11	3.795	3.777	3.848	VV	24997	203403	2.12%	0.086%
12	3.892	3.848	3.921	VV	20421	168996	1.76%	0.071%
13	3.972	3.921	4.033	VV	90785	743074	7.74%	0.313%
14	4.057	4.033	4.070	VV	496	7180	0.07%	0.003%
15	4.082	4.070	4.100	VV	514	6234	0.06%	0.003%
16	4.113	4.100	4.145	VV	392	7068	0.07%	0.003%
17	4.192	4.145	4.218	VV	433	12962	0.14%	0.005%
18	4.237	4.218	4.254	VV	5517	61951	0.65%	0.026%
19	4.267	4.254	4.338	VV	3991	39892	0.42%	0.017%
20	4.354	4.338	4.395	VV	1622	17725	0.18%	0.007%
21	4.413	4.395	4.440	VV	225	2284	0.02%	0.001%
22	4.483	4.440	4.505	VV	480731	4222654	44.00%	1.777%
23	4.527	4.505	4.571	VV	540430	4718128	49.17%	1.986%
24	4.588	4.571	4.614	VV	4462	43819	0.46%	0.018%
25	4.634	4.614	4.682	VV	7289	69097	0.72%	0.029%
26	4.733	4.682	4.752	VV	419	8065	0.08%	0.003%
27	4.768	4.752	4.792	VV	461	3463	0.04%	0.001%
28	4.814	4.792	4.840	PV	192	2518	0.03%	0.001%
29	4.858	4.840	4.877	VV	149	2254	0.02%	0.001%
30	4.900	4.877	4.925	VV	292	3802	0.04%	0.002%
31	4.967	4.925	5.008	VV	214	6289	0.07%	0.003%
32	5.012	5.008	5.020	VV	118	598	0.01%	0.000%
33	5.037	5.020	5.053	VV	223	2413	0.03%	0.001%
34	5.093	5.053	5.104	VV	169	3452	0.04%	0.001%
35	5.121	5.104	5.159	VV	192	4365	0.05%	0.002%
36	5.167	5.159	5.181	VV	112	954	0.01%	0.000%

rteres

37	5.208	5.181	5.251	VV	196	4110	0.04%	0.002%
38	5.275	5.251	5.295	VV	624	7818	0.08%	0.003%
39	5.304	5.295	5.320	VV	285	2990	0.03%	0.001%
40	5.337	5.320	5.370	VV	486	6160	0.06%	0.003%
41	5.399	5.370	5.453	VV	192	5296	0.06%	0.002%
42	5.478	5.453	5.494	VV	110	2184	0.02%	0.001%
43	5.520	5.494	5.536	VV	1432	15529	0.16%	0.007%
44	5.547	5.536	5.604	VV	597	10368	0.11%	0.004%
45	5.625	5.604	5.667	VV	459	7971	0.08%	0.003%
46	5.687	5.667	5.697	VV	189	2872	0.03%	0.001%
47	5.709	5.697	5.733	VV	250	3948	0.04%	0.002%
48	5.769	5.733	5.798	VV	450	9514	0.10%	0.004%
49	5.806	5.798	5.811	VV	167	1264	0.01%	0.001%
50	5.822	5.811	5.848	VV	237	3644	0.04%	0.002%
51	5.859	5.848	5.884	VV	164	2308	0.02%	0.001%
52	5.914	5.884	5.943	PV	194	4259	0.04%	0.002%
53	5.957	5.943	5.995	VV	225	5045	0.05%	0.002%
54	6.028	5.995	6.048	VV	307	6977	0.07%	0.003%
55	6.077	6.048	6.152	VV	582613	5367933	55.94%	2.260%
56	6.164	6.152	6.201	VV	401	8063	0.08%	0.003%
57	6.222	6.201	6.269	VV	408	9976	0.10%	0.004%
58	6.350	6.269	6.368	VV	548	14772	0.15%	0.006%
59	6.376	6.368	6.385	VV	355	3439	0.04%	0.001%
60	6.394	6.385	6.421	VV	338	5670	0.06%	0.002%
61	6.507	6.421	6.551	VV	480118	4621144	48.16%	1.945%
62	6.573	6.551	6.638	VV	704	14898	0.16%	0.006%
63	6.655	6.638	6.698	VV	485	7372	0.08%	0.003%
64	6.709	6.698	6.718	VV	159	1439	0.01%	0.001%
65	6.779	6.718	6.818	VV	180	6213	0.06%	0.003%
66	6.836	6.818	6.884	VV	186	4316	0.04%	0.002%
67	6.924	6.884	6.954	VV	378	6542	0.07%	0.003%
68	6.979	6.954	7.018	PV	4712	48900	0.51%	0.021%
69	7.042	7.018	7.091	VV	11079	110899	1.16%	0.047%
70	7.138	7.091	7.198	VV	535921	5241324	54.62%	2.206%
71	7.208	7.198	7.221	VV	386	4048	0.04%	0.002%
72	7.233	7.221	7.249	VV	269	3175	0.03%	0.001%
73	7.272	7.249	7.308	VV	1933	27624	0.29%	0.012%
74	7.326	7.308	7.342	VV	2165	26734	0.28%	0.011%
75	7.352	7.342	7.374	VV	1090	12304	0.13%	0.005%
76	7.403	7.374	7.415	VV	1006	13041	0.14%	0.005%
77	7.431	7.415	7.460	VV	1582	18160	0.19%	0.008%
78	7.495	7.460	7.513	VV	351	8115	0.08%	0.003%
79	7.524	7.513	7.556	VV	361	4394	0.05%	0.002%
80	7.610	7.556	7.636	VV	686	10519	0.11%	0.004%
81	7.654	7.636	7.701	VV	275	4746	0.05%	0.002%
82	7.859	7.826	7.875	VV	573	12481	0.13%	0.005%
83	7.886	7.875	7.948	VV	535	12583	0.13%	0.005%
84	7.957	7.948	7.977	VV	201	3047	0.03%	0.001%
85	8.000	7.977	8.031	VV	1372	20259	0.21%	0.009%
86	8.057	8.031	8.097	VV	1094	21676	0.23%	0.009%
87	8.126	8.097	8.151	VV	662	15237	0.16%	0.006%
88	8.201	8.151	8.251	VV	667	31043	0.32%	0.013%
89	8.265	8.251	8.273	VV	604	6317	0.07%	0.003%

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90	8.308	8.273	8.348	VV	476586	4997882	52.08%	2.104%
91	8.360	8.348	8.376	VV	378	5291	0.06%	0.002%
92	8.424	8.376	8.462	VV	577820	5770981	60.14%	2.429%
93	8.475	8.462	8.518	VV	578	13217	0.14%	0.006%
94	8.533	8.518	8.558	VV	389	5998	0.06%	0.003%
95	8.722	8.684	8.756	VV	560772	5875369	61.23%	2.473%
96	8.771	8.756	8.820	VV	873	19055	0.20%	0.008%
97	8.840	8.820	8.884	VV	708	11290	0.12%	0.005%
98	8.911	8.884	8.924	VV	483	6876	0.07%	0.003%
99	8.930	8.924	8.948	VV	403	4583	0.05%	0.002%
100	8.956	8.948	8.965	VV	269	2844	0.03%	0.001%
101	8.991	8.965	9.008	VV	1780	25730	0.27%	0.011%
102	9.019	9.008	9.098	VV	1114	27139	0.28%	0.011%
103	9.128	9.098	9.154	VV	1181	15337	0.16%	0.006%
104	9.167	9.154	9.205	VV	197	3840	0.04%	0.002%
105	9.218	9.205	9.244	VV	104	2136	0.02%	0.001%
106	9.285	9.244	9.298	VV	145	2935	0.03%	0.001%
107	9.314	9.298	9.348	PV	198	3736	0.04%	0.002%
108	9.368	9.348	9.404	VV	224	4624	0.05%	0.002%
109	9.425	9.404	9.443	VV	268	3321	0.03%	0.001%
110	9.508	9.443	9.566	VV	577595	6035715	62.90%	2.541%
111	9.581	9.566	9.630	VV	516	11890	0.12%	0.005%
112	9.650	9.630	9.668	VV	631	10132	0.11%	0.004%
113	9.687	9.668	9.699	VV	2356	27634	0.29%	0.012%
114	9.718	9.699	9.753	VV	8454	94447	0.98%	0.040%
115	9.779	9.753	9.811	VV	30135	320326	3.34%	0.135%
116	9.842	9.811	9.867	VV	673	15854	0.17%	0.007%
117	9.911	9.867	9.981	VV	483618	5400436	56.28%	2.273%
118	10.004	9.981	10.071	VV	368	7783	0.08%	0.003%
119	10.191	10.071	10.213	PV	522	7510	0.08%	0.003%
120	10.225	10.213	10.230	VV	105	549	0.01%	0.000%
121	10.254	10.230	10.278	VV	899	9900	0.10%	0.004%
122	10.300	10.278	10.321	VV	432	6027	0.06%	0.003%
123	10.351	10.321	10.374	VV	338	7509	0.08%	0.003%
124	10.388	10.374	10.410	VV	357	5274	0.05%	0.002%
125	10.428	10.410	10.477	VV	315	6256	0.07%	0.003%
126	10.555	10.477	10.594	PV	775	20520	0.21%	0.009%
127	10.605	10.594	10.621	VV	386	4076	0.04%	0.002%
128	10.647	10.621	10.678	VV	757	13047	0.14%	0.005%
129	10.712	10.678	10.734	VV	5641	75418	0.79%	0.032%
130	10.744	10.734	10.774	VV	821	12220	0.13%	0.005%
131	10.803	10.774	10.827	VV	209	5884	0.06%	0.002%
132	10.839	10.827	10.851	VV	317	3615	0.04%	0.002%
133	10.914	10.851	10.953	VV	546924	5838378	60.84%	2.458%
134	10.991	10.953	11.047	VV	530346	5770210	60.13%	2.429%
135	11.064	11.047	11.088	VV	870	13150	0.14%	0.006%
136	11.098	11.088	11.128	VV	249	4649	0.05%	0.002%
137	11.157	11.128	11.177	VV	1423	18400	0.19%	0.008%
138	11.197	11.177	11.236	VV	2212	30870	0.32%	0.013%
139	11.284	11.236	11.306	VV	483	10803	0.11%	0.005%
140	11.357	11.306	11.404	VV	477855	5419915	56.48%	2.281%
141	11.436	11.404	11.472	VV	769	20321	0.21%	0.009%

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142	11.488	11.472	11.497	PV	313	3177	0.03%	0.001%
143	11.516	11.497	11.531	VV	357	5544	0.06%	0.002%
144	11.552	11.531	11.585	VV	431	8014	0.08%	0.003%
145	11.599	11.585	11.624	VV	275	4119	0.04%	0.002%
146	11.680	11.624	11.729	VV	381540	4130256	43.04%	1.739%
147	11.746	11.729	11.790	VV	1289	23348	0.24%	0.010%
148	11.811	11.790	11.821	VV	1285	13624	0.14%	0.006%
149	11.834	11.821	11.850	VV	1217	16349	0.17%	0.007%
150	11.864	11.850	11.878	VV	982	11732	0.12%	0.005%
151	11.892	11.878	11.941	VV	878	13298	0.14%	0.006%
152	11.961	11.941	11.991	VV	425	6322	0.07%	0.003%
153	12.026	11.991	12.058	VV	760	15634	0.16%	0.007%
154	12.072	12.058	12.098	VV	887	11126	0.12%	0.005%
155	12.116	12.098	12.128	VV	428	4945	0.05%	0.002%
156	12.140	12.128	12.151	VV	278	2989	0.03%	0.001%
157	12.186	12.151	12.214	VV	627	9968	0.10%	0.004%
158	12.270	12.214	12.339	VV	31949	395353	4.12%	0.166%
159	12.357	12.339	12.378	VV	1071	20207	0.21%	0.009%
160	12.389	12.378	12.424	VV	736	15333	0.16%	0.006%
161	12.438	12.424	12.448	VV	460	6206	0.06%	0.003%
162	12.458	12.448	12.467	VV	524	5098	0.05%	0.002%
163	12.492	12.467	12.545	VV	1372	30252	0.32%	0.013%
164	12.564	12.545	12.581	VV	502	5777	0.06%	0.002%
165	12.614	12.581	12.630	VV	956	14939	0.16%	0.006%
166	12.670	12.630	12.701	VV	476032	5429385	56.58%	2.285%
167	12.739	12.701	12.784	VV	463186	5399748	56.27%	2.273%
168	12.790	12.784	12.811	VV	513	4434	0.05%	0.002%
169	12.920	12.811	12.997	VV	4692	66579	0.69%	0.028%
170	13.040	12.997	13.069	VV	467714	5302007	55.25%	2.232%
171	13.115	13.069	13.180	VV	277672	3258497	33.96%	1.372%
172	13.225	13.180	13.243	PV	488	12732	0.13%	0.005%
173	13.283	13.243	13.348	VV	413837	5129226	53.45%	2.159%
174	13.356	13.348	13.364	VV	704	6470	0.07%	0.003%
175	13.372	13.364	13.406	VV	724	10977	0.11%	0.005%
176	13.428	13.406	13.441	VV	474	6215	0.06%	0.003%
177	13.507	13.441	13.574	VV	7585	131587	1.37%	0.055%
178	13.622	13.574	13.642	VV	1098	24934	0.26%	0.010%
179	13.660	13.642	13.674	VV	560	8208	0.09%	0.003%
180	13.712	13.674	13.721	VV	826	14930	0.16%	0.006%
181	13.727	13.721	13.749	VV	653	6847	0.07%	0.003%
182	13.769	13.749	13.785	VV	659	7996	0.08%	0.003%
183	13.819	13.785	13.833	VV	1164	18839	0.20%	0.008%
184	13.870	13.833	13.920	VV	394464	4992792	52.03%	2.102%
185	13.937	13.920	13.954	VV	574	7120	0.07%	0.003%
186	14.018	13.954	14.026	VV	295	7857	0.08%	0.003%
187	14.043	14.026	14.068	VV	1076	12523	0.13%	0.005%
188	14.101	14.068	14.128	VV	807	14700	0.15%	0.006%
189	14.150	14.128	14.167	VV	248	2989	0.03%	0.001%
190	14.212	14.167	14.220	PV	193	3142	0.03%	0.001%
191	14.261	14.220	14.283	VV	666	13486	0.14%	0.006%
192	14.310	14.283	14.340	VV	1992	33045	0.34%	0.014%
193	14.355	14.340	14.371	VV	929	11402	0.12%	0.005%
194	14.385	14.371	14.407	VV	761	10413	0.11%	0.004%

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195	14.433	14.407	14.511	VV	1736	40459	0.42%	0.017%
196	14.538	14.511	14.548	VV	834	13124	0.14%	0.006%
197	14.559	14.548	14.578	VV	782	9120	0.10%	0.004%
198	14.601	14.578	14.623	PV	838	12675	0.13%	0.005%
199	14.660	14.623	14.677	VV	872	15561	0.16%	0.007%
200	14.698	14.677	14.709	VV	637	9192	0.10%	0.004%
201	14.723	14.709	14.746	VV	638	8258	0.09%	0.003%
202	14.828	14.746	14.842	PV	266	11754	0.12%	0.005%
203	14.922	14.842	14.942	VV	348701	4883291	50.89%	2.056%
204	14.970	14.942	15.037	VV	725410	9596169	100.00%	4.039%
205	15.051	15.037	15.061	VV	555	5859	0.06%	0.002%
206	15.075	15.061	15.091	VV	704	7885	0.08%	0.003%
207	15.110	15.091	15.122	VV	588	7286	0.08%	0.003%
208	15.162	15.122	15.178	VV	535	12688	0.13%	0.005%
209	15.219	15.178	15.227	VV	603	8055	0.08%	0.003%
210	15.235	15.227	15.254	VV	489	6628	0.07%	0.003%
211	15.306	15.254	15.318	VV	809	16557	0.17%	0.007%
212	15.351	15.318	15.456	VV	12602	234388	2.44%	0.099%
213	15.494	15.456	15.529	VV	3639	66666	0.69%	0.028%
214	15.549	15.529	15.557	VV	635	8264	0.09%	0.003%
215	15.586	15.557	15.604	VV	1481	24316	0.25%	0.010%
216	15.639	15.604	15.659	VV	887	21011	0.22%	0.009%
217	15.669	15.659	15.684	VV	413	2678	0.03%	0.001%
218	15.720	15.684	15.733	PV	1221	18373	0.19%	0.008%
219	15.754	15.733	15.788	VV	867	20596	0.21%	0.009%
220	15.827	15.788	15.854	VV	1067	18651	0.19%	0.008%
221	15.876	15.854	15.894	VV	877	14320	0.15%	0.006%
222	15.906	15.894	15.924	VV	649	8818	0.09%	0.004%
223	15.947	15.924	15.957	VV	917	11159	0.12%	0.005%
224	15.999	15.957	16.044	VV	362745	4535963	47.27%	1.909%
225	16.058	16.044	16.079	VV	747	10890	0.11%	0.005%
226	16.094	16.079	16.123	VV	651	11573	0.12%	0.005%
227	16.140	16.123	16.150	PV	444	4648	0.05%	0.002%
228	16.204	16.150	16.237	VV	2028	51854	0.54%	0.022%
229	16.297	16.237	16.318	VV	1799	46550	0.49%	0.020%
230	16.337	16.318	16.349	VV	2010	27643	0.29%	0.012%
231	16.369	16.349	16.427	VV	2517	69447	0.72%	0.029%
232	16.484	16.427	16.500	VV	305856	4710457	49.09%	1.983%
233	16.518	16.500	16.551	VV	387310	4596055	47.89%	1.935%
234	16.610	16.551	16.635	VV	6511	139599	1.45%	0.059%
235	16.646	16.635	16.670	VV	2161	39024	0.41%	0.016%
236	16.727	16.670	16.758	VV	3600	117713	1.23%	0.050%
237	16.803	16.758	16.820	VV	3371	96531	1.01%	0.041%
238	16.866	16.820	16.894	VV	349085	4517576	47.08%	1.902%
239	16.905	16.894	16.911	VV	3174	28434	0.30%	0.012%
240	16.950	16.911	17.031	VV	333063	4533589	47.24%	1.908%
241	17.075	17.031	17.110	VV	2933	120126	1.25%	0.051%
242	17.203	17.110	17.243	VV	6167	312690	3.26%	0.132%
243	17.283	17.243	17.300	VV	5604	162407	1.69%	0.068%
244	17.314	17.300	17.330	VV	5221	90331	0.94%	0.038%
245	17.379	17.330	17.417	VV	8784	330568	3.44%	0.139%
246	17.444	17.417	17.457	VV	5527	122793	1.28%	0.052%

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247	17.482	17.457	17.494	VV	5087	106281	1.11%	0.045%
248	17.524	17.494	17.561	VV	8344	239008	2.49%	0.101%
249	17.580	17.561	17.593	VV	5832	101132	1.05%	0.043%
250	17.612	17.593	17.628	VV	5297	104435	1.09%	0.044%
251	17.644	17.628	17.654	VV	4802	75506	0.79%	0.032%
252	17.732	17.654	17.784	VV	8799	468046	4.88%	0.197%
253	17.841	17.784	17.874	VV	326063	4563820	47.56%	1.921%
254	17.898	17.874	17.918	VV	8834	181027	1.89%	0.076%
255	17.933	17.918	17.946	VV	6225	100520	1.05%	0.042%
256	17.994	17.946	18.067	VV	14710	668536	6.97%	0.281%
257	18.075	18.067	18.081	VV	7246	60145	0.63%	0.025%
258	18.098	18.081	18.124	VV	7841	186458	1.94%	0.078%
259	18.142	18.124	18.154	VV	8686	139100	1.45%	0.059%
260	18.243	18.154	18.259	VV	313901	5256845	54.78%	2.213%
261	18.280	18.259	18.322	VV	333474	4683561	48.81%	1.972%
262	18.333	18.322	18.343	VV	10852	129154	1.35%	0.054%
263	18.367	18.343	18.424	VV	18405	587466	6.12%	0.247%
264	18.438	18.424	18.458	VV	10306	193114	2.01%	0.081%
265	18.500	18.458	18.548	VV	300762	4592181	47.85%	1.933%
266	18.575	18.548	18.611	VV	10147	349396	3.64%	0.147%
267	18.674	18.611	18.722	VV	299815	4805037	50.07%	2.023%
268	18.787	18.722	18.808	VV	16771	647310	6.75%	0.272%
269	18.838	18.808	18.864	VV	16214	465261	4.85%	0.196%
270	18.874	18.864	18.900	VV	12786	260573	2.72%	0.110%
271	18.921	18.900	18.940	VV	13095	291400	3.04%	0.123%
272	18.952	18.940	18.981	VV	13142	309380	3.22%	0.130%
273	19.031	18.981	19.042	VV	16899	504801	5.26%	0.212%
274	19.071	19.042	19.100	VV	16527	539672	5.62%	0.227%
275	19.118	19.100	19.154	VV	16619	467753	4.87%	0.197%
276	19.184	19.154	19.234	VV	16407	710054	7.40%	0.299%
277	19.271	19.234	19.285	VV	16281	465565	4.85%	0.196%
278	19.307	19.285	19.322	VV	16330	351872	3.67%	0.148%
279	19.343	19.322	19.362	VV	16509	386298	4.03%	0.163%
280	19.458	19.362	19.494	VV	322676	5622097	58.59%	2.367%
281	19.508	19.494	19.529	VV	20166	401036	4.18%	0.169%
282	19.593	19.529	19.607	VV	22557	967458	10.08%	0.407%
283	19.676	19.607	19.685	VV	23100	1034377	10.78%	0.435%
284	19.703	19.685	19.729	VV	23498	603763	6.29%	0.254%
285	19.752	19.729	19.763	VV	23001	446664	4.65%	0.188%
286	19.773	19.763	19.787	VV	22771	326295	3.40%	0.137%
287	19.830	19.787	19.847	VV	28675	928935	9.68%	0.391%
288	19.891	19.847	19.903	VV	27872	876408	9.13%	0.369%
289	19.915	19.903	19.930	VV	26646	429101	4.47%	0.181%
290	19.943	19.930	19.960	VV	27630	474387	4.94%	0.200%
291	19.998	19.960	20.044	VV	30899	1409706	14.69%	0.593%
292	20.200	20.044	20.240	VV	324359	7788712	81.16%	3.279%
293	20.253	20.240	20.266	VV	34683	532463	5.55%	0.224%
294	20.276	20.266	20.315	VV	34628	943661	9.83%	0.397%
295	20.360	20.315	20.400	VV	36070	1695893	17.67%	0.714%
296	20.428	20.400	20.448	VV	33123	916622	9.55%	0.386%
297	20.482	20.448	20.492	VV	33242	849537	8.85%	0.358%
298	20.506	20.492	20.539	VV	34124	936412	9.76%	0.394%
299	20.559	20.539	20.599	VV	32979	1121886	11.69%	0.472%

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300	20.679	20.599	20.749	VV	32490	2689798	28.03%	1.132%
301	20.761	20.749	20.798	VV	27390	746935	7.78%	0.314%
302	20.807	20.798	20.821	VV	26040	351774	3.67%	0.148%
303	20.839	20.821	20.853	VV	24688	470732	4.91%	0.198%
304	20.906	20.853	20.919	VV	26872	1001155	10.43%	0.421%
305	20.970	20.919	21.051	VV	252229	6313905	65.80%	2.658%
306	21.061	21.051	21.128	VV	25376	1105744	11.52%	0.465%
307	21.137	21.128	21.204	VV	23119	910773	9.49%	0.383%
308	21.229	21.204	21.245	VV	18558	435831	4.54%	0.183%
309	21.258	21.245	21.267	VV	17954	231841	2.42%	0.098%
310	21.278	21.267	21.300	VV	18339	339380	3.54%	0.143%
311	21.358	21.300	21.381	VV	18618	860373	8.97%	0.362%
312	21.408	21.381	21.448	VV	19118	700776	7.30%	0.295%
313	21.462	21.448	21.552	VV	16629	957675	9.98%	0.403%
314	21.627	21.552	21.771	VV	13782	1471801	15.34%	0.620%
315	21.797	21.771	21.818	VV	8462	217727	2.27%	0.092%
316	21.941	21.818	22.007	VV	184250	5172149	53.90%	2.177%
317	22.063	22.007	22.074	VV	10449	391718	4.08%	0.165%
318	22.084	22.074	22.099	VV	9455	133739	1.39%	0.056%
319	22.111	22.099	22.128	VV	8945	144423	1.51%	0.061%
320	22.163	22.128	22.212	VV	7870	356197	3.71%	0.150%
321	22.220	22.212	22.289	VV	6747	151540	1.58%	0.064%
322	22.298	22.289	22.306	PV	679	3314	0.03%	0.001%
323	22.375	22.306	22.397	VV	2316	60652	0.63%	0.026%
324	22.432	22.397	22.442	PV	1507	36153	0.38%	0.015%

Sum of corrected areas: 237562094

Aliphatic EPH 061825.M Thu Jul 03 02:49:21 2025

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

Manual Integration Report

Sequence:	FC061825AL	Instrument	FID_c

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

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

Manual Integration Report

Sequence:	FC070225AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069355.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:35 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software
PB168702BS	FC069357.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:37 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software
PB168702BSD	FC069358.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:39 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE062725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50 PPM ALIPHATIC HC	FE054609.D	n-Octatriacontane (C38)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
50 PPM ALIPHATIC HC	FE054609.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
Q2429-02	FE054617.D	ortho-Terphenyl (SURR)	yogesh	6/30/2025 7:50:50 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Hexacosane (C26)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE070225AL	Instrument	FID_e

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

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

Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE054697.D	n-Hexatriacontane (C36)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054697.D	n-Tetracosane (C24)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2491-02DL	FE054702.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:15 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracontane (C40)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-14	FE054710.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:17 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-16	FE054712.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:19 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Dotriacontane (C32)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tetratriacontane (C34)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tricontane (C30)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2507-01	FE054717.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:22 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2507-02	FE054718.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:24 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Docosane (C22)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069219.D	18 Jun 2025 09:57	YP/AJ	Ok
2	I.BLK	FC069220.D	18 Jun 2025 10:37	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069221.D	18 Jun 2025 11:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069222.D	18 Jun 2025 11:58	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069223.D	18 Jun 2025 12:39	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069224.D	18 Jun 2025 13:20	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069225.D	18 Jun 2025 14:03	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069226.D	18 Jun 2025 14:45	YP/AJ	Ok
9	I.BLK	FC069227.D	18 Jun 2025 15:28	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069228.D	18 Jun 2025 16:12	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070225AL

Review By	yogesh	Review On	7/2/2025 1:47:24 PM		
Supervise By	mohammad	Supervise On	7/4/2025 4:31:59 AM		
SubDirectory	FC070225AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069353.D	02 Jul 2025 11:16	YP/AJ	Ok
2	I.BLK	FC069354.D	02 Jul 2025 12:05	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069355.D	02 Jul 2025 12:53	YP/AJ	Ok,M
4	PB168702BL	FC069356.D	02 Jul 2025 16:50	YP/AJ	Ok
5	PB168702BS	FC069357.D	02 Jul 2025 17:37	YP/AJ	Ok,M
6	PB168702BSD	FC069358.D	02 Jul 2025 18:27	YP/AJ	Ok,M
7	Q2478-01	FC069359.D	02 Jul 2025 19:14	YP/AJ	Ok
8	Q2478-01D	FC069360.D	02 Jul 2025 20:02	YP/AJ	Ok
9	Q2478-01MS	FC069361.D	02 Jul 2025 20:47	YP/AJ	Ok
10	Q2478-01MSD	FC069362.D	02 Jul 2025 21:34	YP/AJ	Ok
11	Q2478-02	FC069363.D	02 Jul 2025 22:20	YP/AJ	Ok
12	I.BLK	FC069364.D	02 Jul 2025 23:52	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC069365.D	03 Jul 2025 00:37	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054606.D	27 Jun 2025 11:53	YP\AJ	Ok
2	I.BLK	FE054607.D	27 Jun 2025 12:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE054608.D	27 Jun 2025 12:53	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE054609.D	27 Jun 2025 13:23	YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC STD3	FE054610.D	27 Jun 2025 13:53	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE054611.D	27 Jun 2025 14:23	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE054612.D	27 Jun 2025 14:54	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE054613.D	27 Jun 2025 15:24	YP\AJ	Ok
9	I.BLK	FE054614.D	27 Jun 2025 15:54	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054615.D	27 Jun 2025 16:24	YP\AJ	Ok
11	Q2429-01	FE054616.D	27 Jun 2025 16:54	YP\AJ	Ok
12	Q2429-02	FE054617.D	27 Jun 2025 17:25	YP\AJ	Ok,M
13	Q2431-01	FE054618.D	27 Jun 2025 17:55	YP\AJ	Ok
14	Q2431-02	FE054619.D	27 Jun 2025 18:25	YP\AJ	Not Ok
15	Q2431-03	FE054620.D	27 Jun 2025 18:55	YP\AJ	Ok
16	Q2431-04	FE054621.D	27 Jun 2025 19:25	YP\AJ	Ok
17	Q2431-05	FE054622.D	27 Jun 2025 19:56	YP\AJ	Not Ok
18	I.BLK	FE054623.D	27 Jun 2025 20:56	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE054624.D	27 Jun 2025 22:57	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054664.D	02 Jul 2025 06:12	YP\AJ	Ok
2	I.BLK	FE054665.D	02 Jul 2025 06:42	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054666.D	02 Jul 2025 07:12	YP\AJ	Ok
4	Q2464-02DL	FE054667.D	02 Jul 2025 07:58	YP\AJ	Ok
5	I.BLK	FE054668.D	02 Jul 2025 11:37	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE054669.D	02 Jul 2025 12:08	YP\AJ	Ok
7	Q2475-01	FE054670.D	02 Jul 2025 16:49	YP\AJ	Ok
8	Q2475-02	FE054671.D	02 Jul 2025 17:19	YP\AJ	Ok
9	Q2480-01	FE054672.D	02 Jul 2025 17:50	YP\AJ	Ok
10	Q2480-02	FE054673.D	02 Jul 2025 18:20	YP\AJ	Ok
11	Q2480-03	FE054674.D	02 Jul 2025 18:51	YP\AJ	Ok
12	Q2480-04	FE054675.D	02 Jul 2025 19:21	YP\AJ	Ok
13	Q2480-05	FE054676.D	02 Jul 2025 19:52	YP\AJ	Dilution
14	Q2480-06	FE054677.D	02 Jul 2025 20:23	YP\AJ	Ok
15	Q2480-07	FE054678.D	02 Jul 2025 20:53	YP\AJ	Ok
16	Q2480-08	FE054679.D	02 Jul 2025 21:24	YP\AJ	Ok
17	I.BLK	FE054680.D	02 Jul 2025 22:25	YP\AJ	Ok
18	20 PPM ALIPHATIC HC STD	FE054681.D	02 Jul 2025 22:55	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054695.D	07 Jul 2025 08:46	YP\AJ	Ok
2	I.BLK	FE054696.D	07 Jul 2025 09:17	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054697.D	07 Jul 2025 09:47	YP\AJ	Ok,M
4	Q2480-05DL	FE054698.D	07 Jul 2025 10:24	YP\AJ	Ok
5	Q2491-01	FE054699.D	07 Jul 2025 10:55	YP\AJ	Dilution
6	Q2491-02	FE054700.D	07 Jul 2025 11:25	YP\AJ	Dilution
7	Q2491-01DL	FE054701.D	07 Jul 2025 11:56	YP\AJ	Ok
8	Q2491-02DL	FE054702.D	07 Jul 2025 12:26	YP\AJ	Ok,M
9	I.BLK	FE054703.D	07 Jul 2025 13:27	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054704.D	07 Jul 2025 13:58	YP\AJ	Ok,M
11	Q2487-09	FE054705.D	07 Jul 2025 14:59	YP\AJ	Ok
12	Q2487-10	FE054706.D	07 Jul 2025 15:29	YP\AJ	Ok
13	Q2487-11	FE054707.D	07 Jul 2025 16:00	YP\AJ	Dilution
14	Q2487-12	FE054708.D	07 Jul 2025 16:30	YP\AJ	Ok
15	Q2487-13	FE054709.D	07 Jul 2025 17:01	YP\AJ	Dilution
16	Q2487-14	FE054710.D	07 Jul 2025 17:32	YP\AJ	Dilution
17	Q2487-15	FE054711.D	07 Jul 2025 18:02	YP\AJ	Dilution
18	Q2487-16	FE054712.D	07 Jul 2025 18:33	YP\AJ	Dilution
19	I.BLK	FE054713.D	07 Jul 2025 19:34	YP\AJ	Ok
20	20 PPM ALIPHATIC HC STD	FE054714.D	07 Jul 2025 20:35	YP\AJ	Ok,M
21	Q2503-03	FE054715.D	07 Jul 2025 21:05	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2503-04	FE054716.D	07 Jul 2025 21:36	YP\AJ	Ok
23	Q2507-01	FE054717.D	07 Jul 2025 22:06	YP\AJ	Dilution
24	Q2507-02	FE054718.D	07 Jul 2025 22:36	YP\AJ	Dilution
25	Q2513-01	FE054719.D	07 Jul 2025 23:07	YP\AJ	Dilution
26	Q2513-02	FE054720.D	07 Jul 2025 23:37	YP\AJ	Dilution
27	Q2513-03	FE054721.D	08 Jul 2025 00:08	YP\AJ	Dilution
28	Q2513-04	FE054722.D	08 Jul 2025 00:38	YP\AJ	Dilution
29	I.BLK	FE054723.D	08 Jul 2025 01:39	YP\AJ	Ok
30	20 PPM ALIPHATIC HC STD	FE054724.D	08 Jul 2025 02:09	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069219.D	18 Jun 2025 09:57		YP/AJ	Ok
2	I.BLK	I.BLK	FC069220.D	18 Jun 2025 10:37		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069221.D	18 Jun 2025 11:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069222.D	18 Jun 2025 11:58		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069223.D	18 Jun 2025 12:39		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069224.D	18 Jun 2025 13:20		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069225.D	18 Jun 2025 14:03		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069226.D	18 Jun 2025 14:45		YP/AJ	Ok
9	I.BLK	I.BLK	FC069227.D	18 Jun 2025 15:28		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069228.D	18 Jun 2025 16:12		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070225AL

Review By	yogesh	Review On	7/2/2025 1:47:24 PM		
Supervise By	mohammad	Supervise On	7/4/2025 4:31:59 AM		
SubDirectory	FC070225AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069353.D	02 Jul 2025 11:16		YP/AJ	Ok
2	I.BLK	I.BLK	FC069354.D	02 Jul 2025 12:05		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069355.D	02 Jul 2025 12:53		YP/AJ	Ok,M
4	PB168702BL	PB168702BL	FC069356.D	02 Jul 2025 16:50		YP/AJ	Ok
5	PB168702BS	PB168702BS	FC069357.D	02 Jul 2025 17:37		YP/AJ	Ok,M
6	PB168702BSD	PB168702BSD	FC069358.D	02 Jul 2025 18:27		YP/AJ	Ok,M
7	Q2478-01	WC-1	FC069359.D	02 Jul 2025 19:14		YP/AJ	Ok
8	Q2478-01D	Q2478-01D	FC069360.D	02 Jul 2025 20:02		YP/AJ	Ok
9	Q2478-01MS	WC-1MS	FC069361.D	02 Jul 2025 20:47	FC069359.D	YP/AJ	Ok
10	Q2478-01MSD	WC-1MSD	FC069362.D	02 Jul 2025 21:34	FC069359.D!FC069361.D	YP/AJ	Ok
11	Q2478-02	WC-1-EPH	FC069363.D	02 Jul 2025 22:20		YP/AJ	Ok
12	I.BLK	I.BLK	FC069364.D	02 Jul 2025 23:52		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069365.D	03 Jul 2025 00:37		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054606.D	27 Jun 2025 11:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE054607.D	27 Jun 2025 12:23		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE054608.D	27 Jun 2025 12:53		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE054609.D	27 Jun 2025 13:23		YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054610.D	27 Jun 2025 13:53		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE054611.D	27 Jun 2025 14:23		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE054612.D	27 Jun 2025 14:54		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054613.D	27 Jun 2025 15:24		YP\AJ	Ok
9	I.BLK	I.BLK	FE054614.D	27 Jun 2025 15:54		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054615.D	27 Jun 2025 16:24		YP\AJ	Ok
11	Q2429-01	TP-4	FE054616.D	27 Jun 2025 16:54		YP\AJ	Ok
12	Q2429-02	TP-4-EPH	FE054617.D	27 Jun 2025 17:25		YP\AJ	Ok,M
13	Q2431-01	S-1	FE054618.D	27 Jun 2025 17:55		YP\AJ	Ok
14	Q2431-02	Q2431-02	FE054619.D	27 Jun 2025 18:25	Need to run again	YP\AJ	Not Ok
15	Q2431-03	S-3	FE054620.D	27 Jun 2025 18:55		YP\AJ	Ok
16	Q2431-04	S-4	FE054621.D	27 Jun 2025 19:25		YP\AJ	Ok
17	Q2431-05	Q2431-05	FE054622.D	27 Jun 2025 19:56	Need to run again	YP\AJ	Not Ok
18	I.BLK	I.BLK	FE054623.D	27 Jun 2025 20:56		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054624.D	27 Jun 2025 22:57		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054664.D	02 Jul 2025 06:12		YP\AJ	Ok
2	I.BLK	I.BLK	FE054665.D	02 Jul 2025 06:42		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054666.D	02 Jul 2025 07:12		YP\AJ	Ok
4	Q2464-02DL	OR-3-063025-E2DL	FE054667.D	02 Jul 2025 07:58		YP\AJ	Ok
5	I.BLK	I.BLK	FE054668.D	02 Jul 2025 11:37		YP\AJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054669.D	02 Jul 2025 12:08		YP\AJ	Ok
7	Q2475-01	SOIL-PILE	FE054670.D	02 Jul 2025 16:49		YP\AJ	Ok
8	Q2475-02	SOIL-PILE-E2	FE054671.D	02 Jul 2025 17:19		YP\AJ	Ok
9	Q2480-01	GPX1	FE054672.D	02 Jul 2025 17:50		YP\AJ	Ok
10	Q2480-02	GPX2	FE054673.D	02 Jul 2025 18:20		YP\AJ	Ok
11	Q2480-03	GPX3	FE054674.D	02 Jul 2025 18:51		YP\AJ	Ok
12	Q2480-04	GPX4	FE054675.D	02 Jul 2025 19:21		YP\AJ	Ok
13	Q2480-05	GPX5	FE054676.D	02 Jul 2025 19:52	Need 2X	YP\AJ	Dilution
14	Q2480-06	GPX6	FE054677.D	02 Jul 2025 20:23		YP\AJ	Ok
15	Q2480-07	GPX7	FE054678.D	02 Jul 2025 20:53		YP\AJ	Ok
16	Q2480-08	GPX8	FE054679.D	02 Jul 2025 21:24		YP\AJ	Ok
17	I.BLK	I.BLK	FE054680.D	02 Jul 2025 22:25		YP\AJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054681.D	02 Jul 2025 22:55		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054695.D	07 Jul 2025 08:46		YP\AJ	Ok
2	I.BLK	I.BLK	FE054696.D	07 Jul 2025 09:17		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054697.D	07 Jul 2025 09:47		YP\AJ	Ok,M
4	Q2480-05DL	GPX5DL	FE054698.D	07 Jul 2025 10:24		YP\AJ	Ok
5	Q2491-01	EO-1-070225	FE054699.D	07 Jul 2025 10:55	Need 10x	YP\AJ	Dilution
6	Q2491-02	EO-1-070225-E2	FE054700.D	07 Jul 2025 11:25	Need 10x	YP\AJ	Dilution
7	Q2491-01DL	EO-1-070225DL	FE054701.D	07 Jul 2025 11:56		YP\AJ	Ok
8	Q2491-02DL	EO-1-070225-E2DL	FE054702.D	07 Jul 2025 12:26		YP\AJ	Ok,M
9	I.BLK	I.BLK	FE054703.D	07 Jul 2025 13:27		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054704.D	07 Jul 2025 13:58		YP\AJ	Ok,M
11	Q2487-09	G4(0-6)	FE054705.D	07 Jul 2025 14:59		YP\AJ	Ok
12	Q2487-10	G4(6-12)	FE054706.D	07 Jul 2025 15:29		YP\AJ	Ok
13	Q2487-11	G3(0-6)	FE054707.D	07 Jul 2025 16:00	need 5x dilution	YP\AJ	Dilution
14	Q2487-12	G3(6-12)	FE054708.D	07 Jul 2025 16:30		YP\AJ	Ok
15	Q2487-13	G2(0-6)	FE054709.D	07 Jul 2025 17:01	need 2x dilution	YP\AJ	Dilution
16	Q2487-14	G2(6-12)	FE054710.D	07 Jul 2025 17:32	need 5x dilution	YP\AJ	Dilution
17	Q2487-15	G1(0-6)	FE054711.D	07 Jul 2025 18:02	need 5x dilution	YP\AJ	Dilution
18	Q2487-16	G1(6-12)	FE054712.D	07 Jul 2025 18:33	need 5x dilution	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	FE054713.D	07 Jul 2025 19:34		YP\AJ	Ok
20	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054714.D	07 Jul 2025 20:35		YP\AJ	Ok,M
21	Q2503-03	GCAP2	FE054715.D	07 Jul 2025 21:05		YP\AJ	Ok
22	Q2503-04	GCAP3	FE054716.D	07 Jul 2025 21:36		YP\AJ	Ok
23	Q2507-01	SU-04-7.3-2025	FE054717.D	07 Jul 2025 22:06	need 5x dilution	YP\AJ	Dilution
24	Q2507-02	SU-04-7.3-2025-EPH	FE054718.D	07 Jul 2025 22:36	need 2x dilution	YP\AJ	Dilution
25	Q2513-01	HR-2-070325	FE054719.D	07 Jul 2025 23:07	need 10x dilution	YP\AJ	Dilution
26	Q2513-02	HR-2-070325-E2	FE054720.D	07 Jul 2025 23:37	need 10x dilution	YP\AJ	Dilution
27	Q2513-03	HR-3-070325	FE054721.D	08 Jul 2025 00:08	need 2x dilution	YP\AJ	Dilution
28	Q2513-04	HR-3-070325-E2	FE054722.D	08 Jul 2025 00:38	need 2x dilution	YP\AJ	Dilution
29	I.BLK	I.BLK	FE054723.D	08 Jul 2025 01:39		YP\AJ	Ok
30	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054724.D	08 Jul 2025 02:09		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168702

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 07/02/2025

Extraction Start Time : 11:05

Extraction End Date : 07/02/2025

Extraction End Time : 15:15

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24625
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24647
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
~~Sand~~	N/A	~~E2865~~
Hexane	N/A	E3947
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

RS 7/2/25

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/2/25	RS (Client labs)	Y. P. Rest/PCB
15-20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168702

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/02/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168702BL	PB168702BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U1-1
PB168702BS	PB168702BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB168702BSD	PB168702BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q2475-01	SOIL-PILE	EPH_NF	30.03	N/A	ritesh	Evelyn	2	D		4
Q2475-02	SOIL-PILE-E2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			5
Q2478-01	WC-1	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		6
Q2478-01DUP	WC-1DUP	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		U2-1
Q2478-01MS	WC-1MS	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		2
Q2478-01MSD	WC-1MSD	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		3
Q2478-02	WC-1-EPH	EPH_NF	30.05	N/A	ritesh	Evelyn	2			4
Q2480-01	GPX1	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		5
Q2480-02	GPX2	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q2480-03	GPX3	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		U3-1
Q2480-04	GPX4	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		2
Q2480-05	GPX5	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		3
Q2480-06	GPX6	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q2480-07	GPX7	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q2480-08	GPX8	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		6

RJ
7/2

* **Extracts relinquished on the same date as received.**

168302
11:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2480 **WorkList ID :** 190509 **Department :** Extraction **Date :** 07-02-2025 11:00:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2475-01	SOIL-PILE	Solid	EPH_NF	Cool 4 deg C	PSEG03	A43	07/01/2025	NJEPH
Q2475-02	SOIL-PILE-E2	Solid	EPH_NF	Cool 4 deg C	PSEG03	A43	07/01/2025	NJEPH
Q2478-01	WC-1	Solid	EPH_NF	Cool 4 deg C	PSEG03	A42	07/30/2025	NJEPH
Q2478-02	WC-1-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	A42	07/30/2025	NJEPH
Q2480-01	GPX1	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	06/30/2025	NJEPH
Q2480-02	GPX2	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	06/30/2025	NJEPH
Q2480-03	GPX3	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-04	GPX4	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-05	GPX5	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-06	GPX6	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-07	GPX7	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-08	GPX8	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH

Date/Time 7/2/25 11:00
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: QR SM

Date/Time 7/2/25 11:25
Raw Sample Received by: QR SM
Raw Sample Relinquished by: RJ (Ext-Lab)

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

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**	**Solid**			**06/30/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-02	**GPX2**	**Solid**			**06/30/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-03	**GPX3**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-04	**GPX4**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-05	**GPX5**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-05DL	**GPX5DL**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/07/25	
Q2480-06	**GPX6**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-07	**GPX7**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-08	**GPX8**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	