LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX046782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	168	174	185	rBV	31901	56346	13.24%	1.420%
2	2.404	209	216	224	rBV2	13702	26993	6.34%	0.680%
3	2.953	295	306	321	rBV2	21199	55082	12.94%	1.388%
4	3.117	326	333	343	rVB4	2513	7014	1.65%	0.177%
5	4.556	556	569	586	rBV2	34761	128928	30.30%	3.248%
6	4.910	617	627	636	rBV3	55619	175961	41.35%	4.434%
7	5.013	636	644	667	rVB2	73061	264600	62.18%	6.667%
8	5.964	790	800	809	rBV	50615	143701	33.77%	3.621%
9	6.050	811	814	829	rVB3	8791	22689	5.33%	0.572%
10	6.769	923	932	949	rBV	120339	315132	74.06%	7.940%
11	7.665	1074	1079	1084	rBV3	4358	8419	1.98%	0.212%
12	7.909	1112	1119	1129	rVB4	2767	6613	1.55%	0.167%
13	8.647	1234	1240	1248	rVV	257579	422542	99.30%	10.646%
14	8.720	1248	1252	1262	rVV2	22875	44161	10.38%	1.113%
15	8.811	1262	1267	1278	rVV	7225	16161	3.80%	0.407%
16	9.238	1332	1337	1345	rBV2	3468	6686	1.57%	0.168%
17	9.378	1351	1360	1370	rBV	18677	31822	7.48%	0.802%
18	9.494	1374	1379	1385	rVV	8048	13891	3.26%	0.350%
19	9.561	1385	1390	1396	rVB6	2326	4543	1.07%	0.114%
20	9.945	1448	1453	1459	rBV	2905	4705	1.11%	0.119%
21	10.055	1461	1471	1473	rBV	279695	425537	100.00%	10.722%
22	10.195	1488	1494	1505	rBV	110437	163239	38.36%	4.113%
23	10.299	1506	1511	1519	rVV	93417	134983	31.72%	3.401%
24	10.372	1519	1523	1534	rVB3	3639	7560	1.78%	0.190%
25	10.640	1562	1567	1576	rVB	75770	100324	23.58%	2.528%
26	10.963	1614	1620	1626	rVB	18770	26420	6.21%	0.666%
27	11.079	1634	1639	1645	rBV	218625	285638	67.12%	7.197%
28	11.171	1650	1654	1661	rVB5	3851	7331	1.72%	0.185%
29	11.305	1671	1676	1682	rBV2	10285	16877	3.97%	0.425%
30	11.372	1682	1687	1695	rVV2	15420	34693	8.15%	0.874%
31	11.451	1695	1700	1709	rVB2	10457	15607	3.67%	0.393%
32	11.567	1715	1719	1722	rBV3	3544	5387	1.27%	0.136%
33	11.610	1722	1726	1735	rVB	33320	44628	10.49%	1.124%
34	11.750	1745	1749	1754	rBV	45545	57027	13.40%	1.437%
35	11.884	1765	1771	1777	rBV2	29997	41087	9.66%	1.035%
36	11.969	1777	1785	1787	rBV5	4870	6652	1.56%	0.168%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	12.036	1792	1796	1801	rVV	118599	160012	37.60%	4.032%
38	12.085	1801	1804	1809	rVV	27912	36142	8.49%	0.911%
39	12.244	1824	1830	1834	rBV2	49400	70400	16.54%	1.774%
40	12.335	1838	1845	1851	rVB4	11836	25988	6.11%	0.655%
41	12.408	1851	1857	1862	rBV5	8448	14667	3.45%	0.370%
42	12.463	1862	1866	1872	rVB	4128	6346	1.49%	0.160%
43	12.530	1872	1877	1886	rVB4	6719	14845	3.49%	0.374%
44	12.609	1886	1890	1894	rBV	15693	18363	4.32%	0.463%
45	12.695	1901	1904	1911	rVB4	7481	12813	3.01%	0.323%
46	12.768	1911	1916	1920	rVB4	4821	7267	1.71%	0.183%
47	12.835	1922	1927	1931	rBV4	4165	8502	2.00%	0.214%
48	12.902	1933	1938	1944	rVV2	24689	49104	11.54%	1.237%
49	12.963	1944	1948	1955	rVV3	11002	21123	4.96%	0.532%
50	13.164	1978	1981	1986	rVB3	5185	7129	1.68%	0.180%
51	13.286	1997	2001	2005	rBV2	20697	27029	6.35%	0.681%
52	13.335	2005	2009	2013	rVB6	4566	6057	1.42%	0.153%
53	13.420	2019	2023	2027	rVB2	12031	15153	3.56%	0.382%
54	13.469	2027	2031	2034	rBV2	11133	15899	3.74%	0.401%
55	13.506	2034	2037	2046	rVV2	19835	28896	6.79%	0.728%
56	13.585	2046	2050	2054	rVB6	4149	6054	1.42%	0.153%
57	13.774	2075	2081	2089	rVB	166916	218353	51.31%	5.502%
58	13.865	2089	2096	2101	rVB3	3192	7173	1.69%	0.181%
59	13.920	2101	2105	2111	rBV7	5211	10313	2.42%	0.260%
60	14.231	2147	2156	2160	rBV4	2530	5649	1.33%	0.142%
61	14.633	2218	2222	2233	rVB	12233	21983	5.17%	0.554%
62	14.780	2241	2246	2253	rBV	18375	24639	5.79%	0.621%

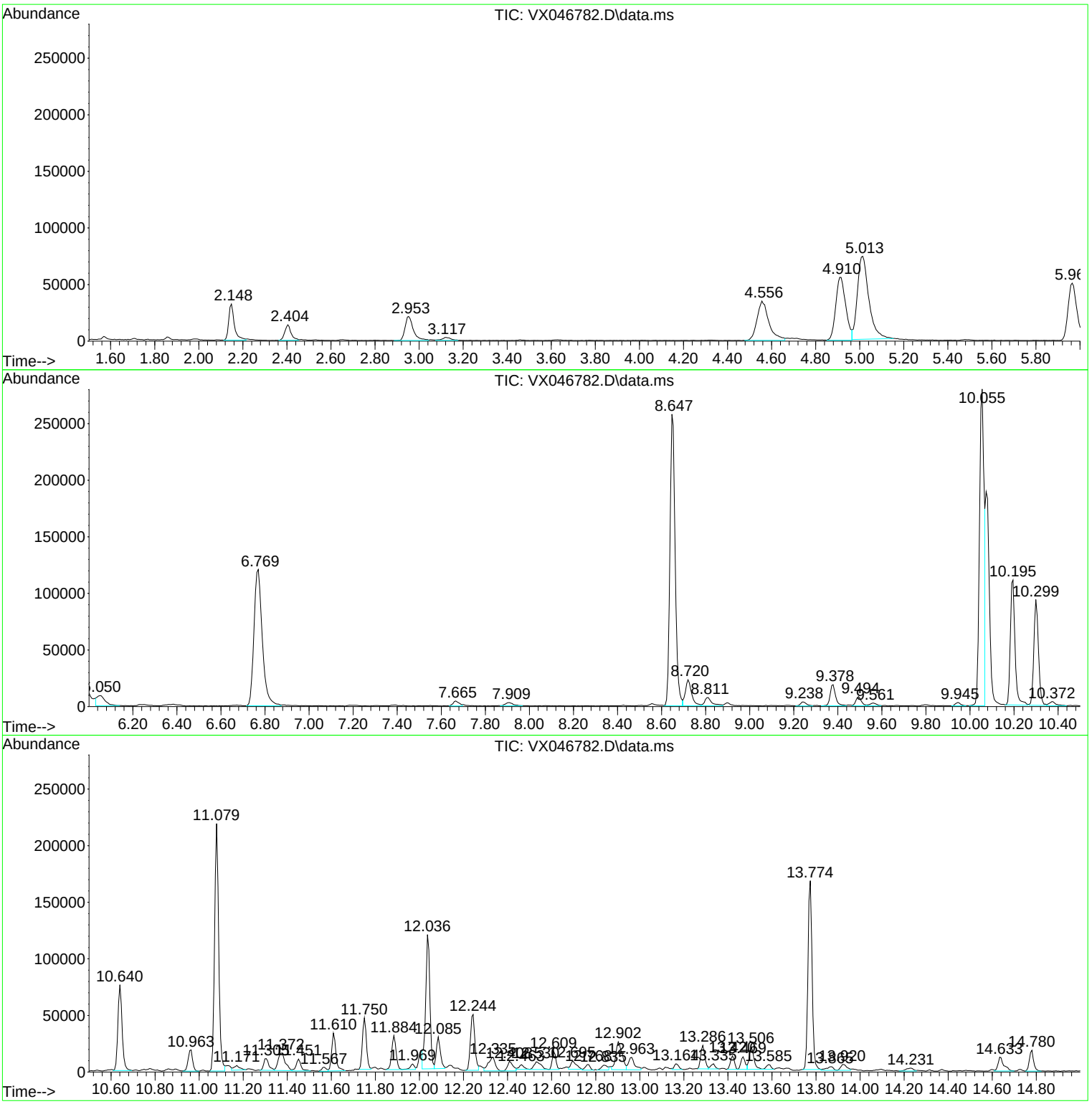
Sum of corrected areas: 3968878

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

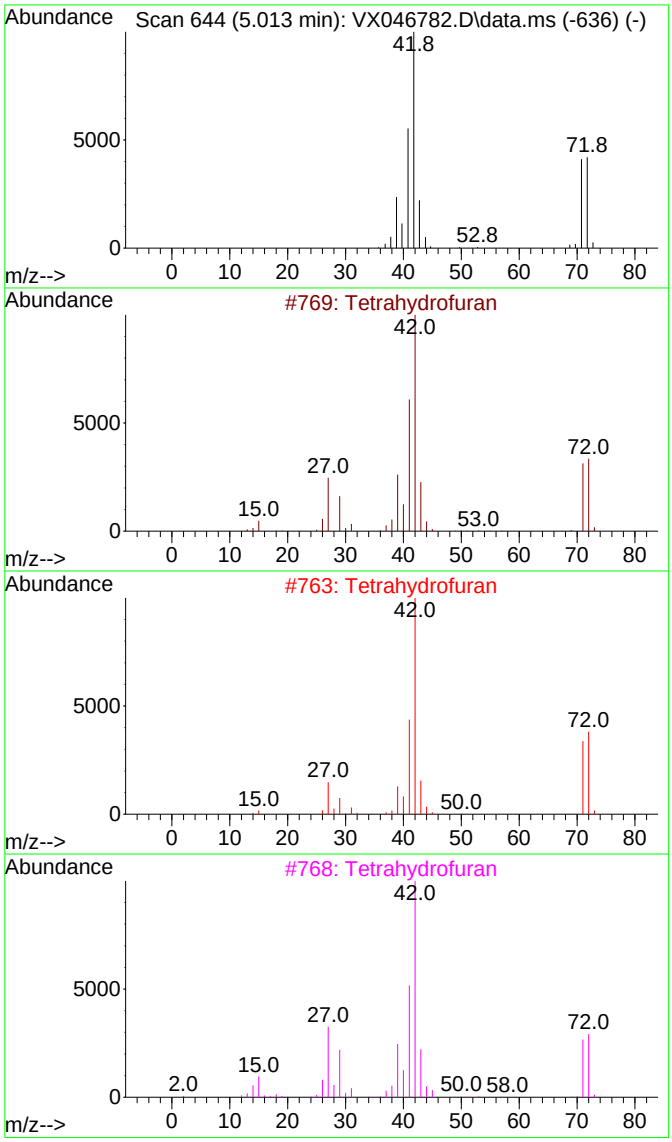
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

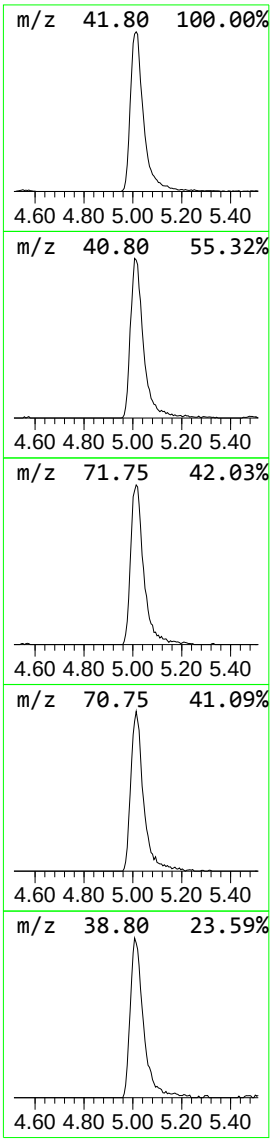
****

Peak Number 2 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	45.11 ug/l	264600	Bromochloromethane	4.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran	72	C4H8O	000109-99-9	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	90
3	Tetrahydrofuran	72	C4H8O	000109-99-9	83
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	58
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

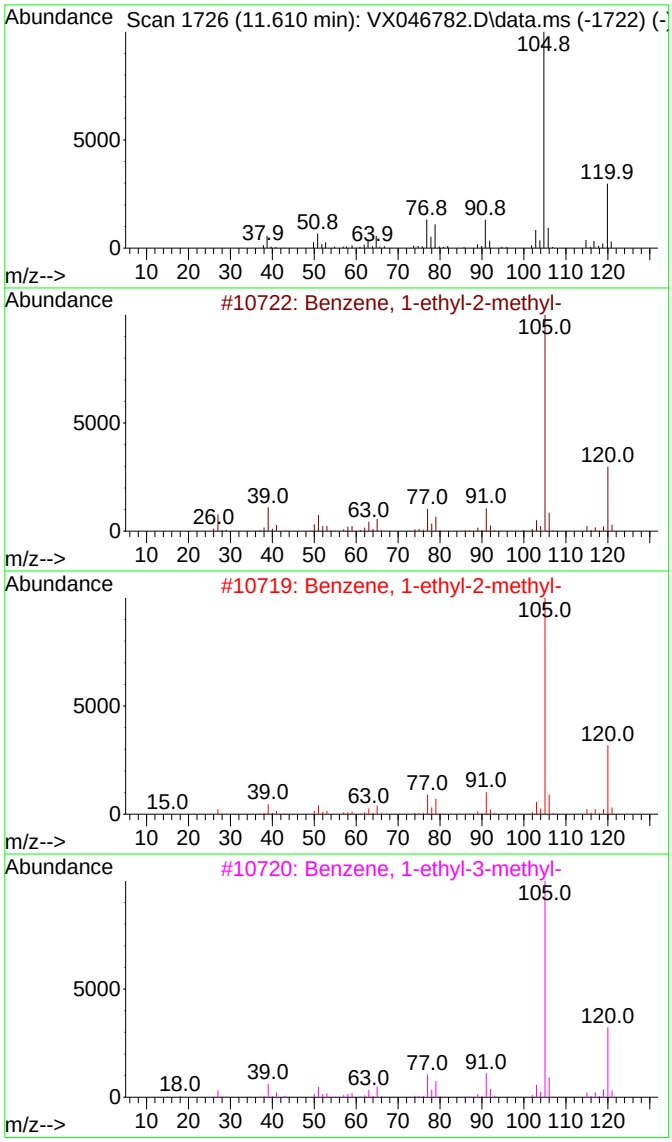
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

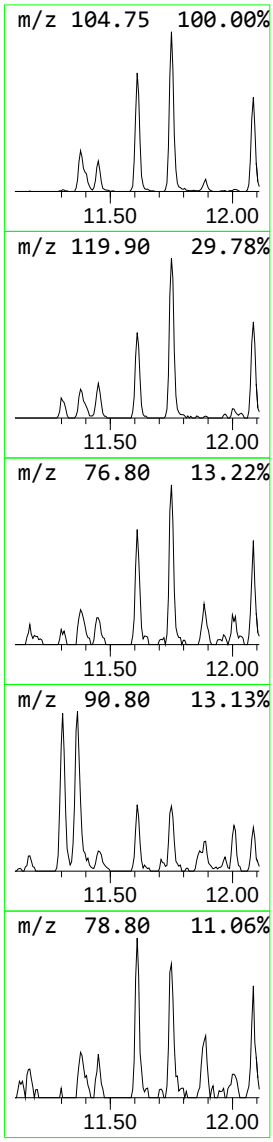
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	3.15 ug/l	44628	Chlorobenzene-d5	10.055

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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

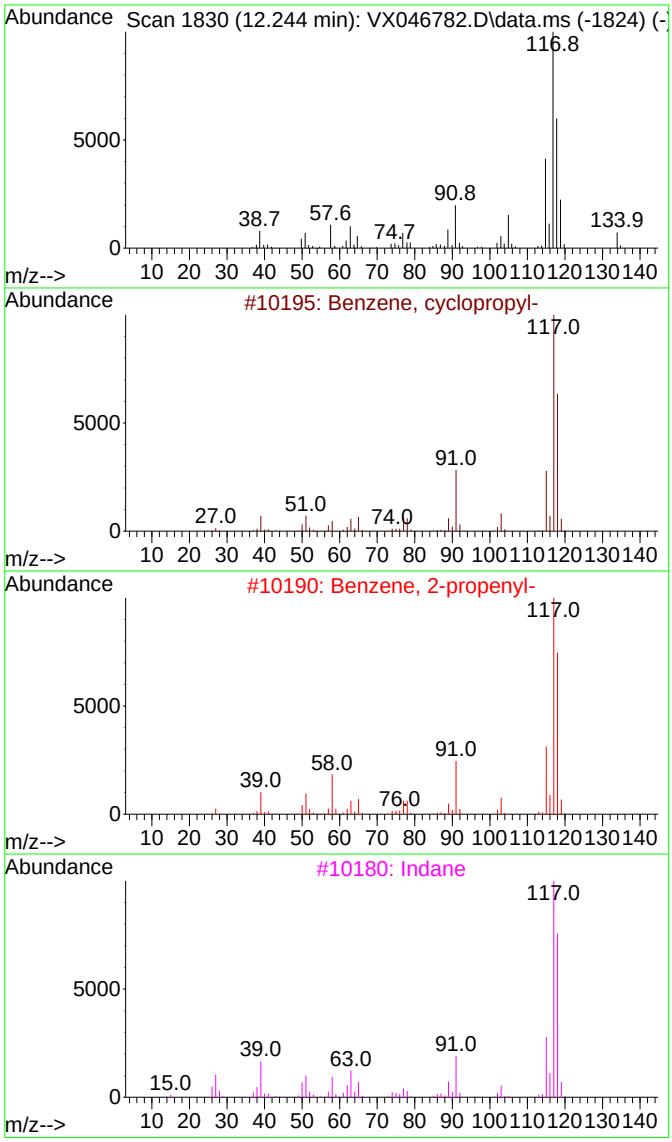
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

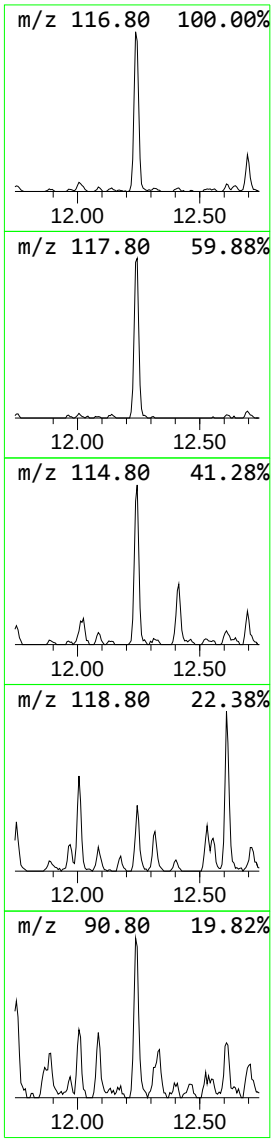
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	4.96 ug/l	70400	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
Acq On : 20 Jun 2025 14:31
Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

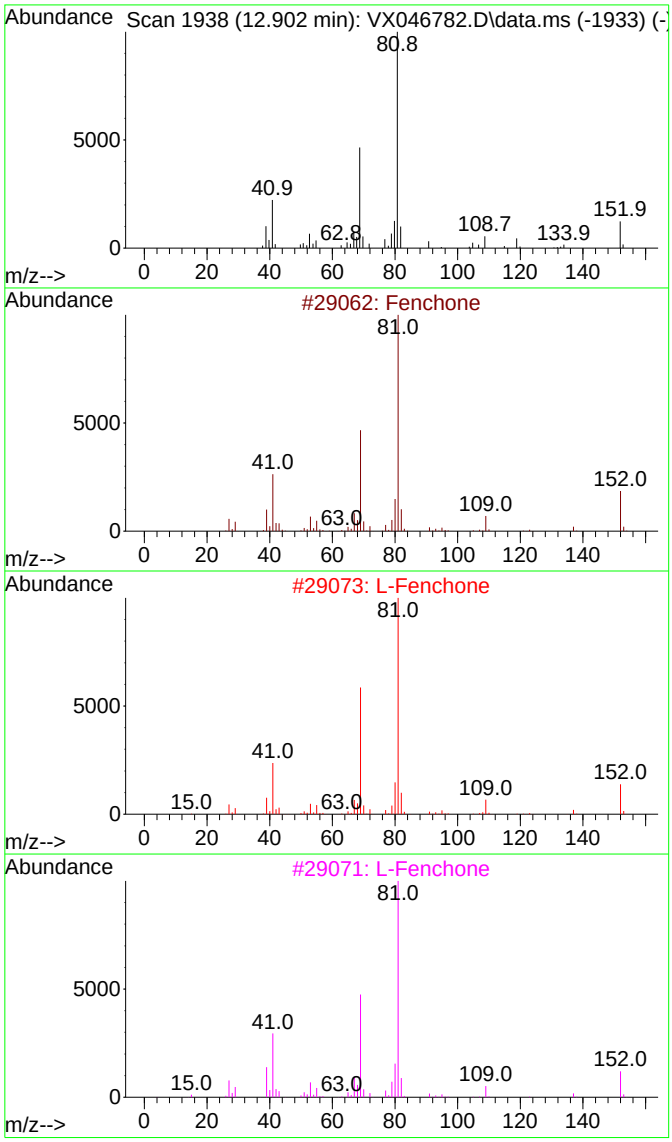
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

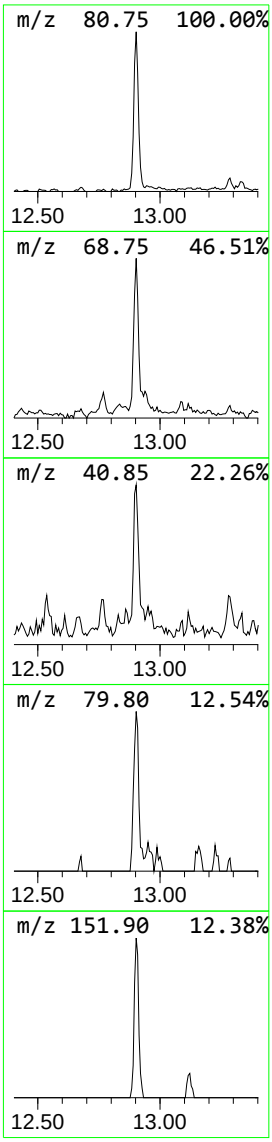
****

Peak Number 5 Fenchone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	3.46 ug/l	49104	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	90
2	L-Fenchone	152	C10H16O	007787-20-4	90
3	L-Fenchone	152	C10H16O	007787-20-4	90
4	Fenchone	152	C10H16O	001195-79-5	90
5	D-Fenchone	152	C10H16O	004695-62-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046782.D
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Operator : JC/MD
Sample : Q2366-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250528063-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrahydrofuran	5.013	45.1	ug/l	264600	1	4.910	175961	30.0
Benzene, 1-ethy...	11.610	3.1	ug/l	44628	3	10.055	425537	30.0
Benzene, cyclop...	12.244	5.0	ug/l	70400	3	10.055	425537	30.0
Fenchone	12.902	3.5	ug/l	49104	3	10.055	425537	30.0