LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Integration Parameters: LSCINT.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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

Signal : TIC: VW022640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.971	6	11	21	rVB2	39646	68714	5.89%	0.772%
2	2.184	41	46	52	rBV	44478	65473	5.61%	0.736%
3	2.361	67	75	85	rBV	213626	365487	31.31%	4.107%
4	2.635	116	120	124	rBV4	7299	14006	1.20%	0.157%
5	2.891	156	162	172	rVB	62418	132839	11.38%	1.493%
6	3.032	178	185	197	rBV	75496	180781	15.49%	2.031%
7	3.391	235	244	253	rBV2	56659	135071	11.57%	1.518%
8	3.592	275	277	282	rVB5	1680	2424	0.21%	0.027%
9	3.934	331	333	336	rVB3	1908	1636	0.14%	0.018%
10	4.025	336	348	359	rBV	95251	294517	25.23%	3.309%
11	4.202	375	377	383	rVB7	1171	1733	0.15%	0.019%
12	4.385	397	407	419	rVB	13551	42367	3.63%	0.476%
13	4.921	480	495	521	rBV6	30302	185343	15.88%	2.083%
14	5.275	548	553	554	rVB5	1396	1851	0.16%	0.021%
15	5.446	569	581	594	rVV3	11739	42834	3.67%	0.481%
16	5.775	632	635	638	rBV5	1345	2333	0.20%	0.026%
17	5.952	653	664	675	rVV3	32208	101496	8.69%	1.140%
18	6.744	789	794	797	rVB5	899	1508	0.13%	0.017%
19	6.897	817	819	822	rVV3	1690	1612	0.14%	0.018%
20	6.988	822	834	842	rVV4	24755	75844	6.50%	0.852%
21	7.080	842	849	871	rVV2	43369	139085	11.91%	1.563%
22	7.653	932	943	955	rBV	192034	467608	40.06%	5.254%
23	7.811	968	969	974	rBV5	985	1448	0.12%	0.016%
24	7.957	979	993	1001	rBV5	22762	79657	6.82%	0.895%
25	8.037	1002	1006	1018	rVB9	6110	15370	1.32%	0.173%
26	8.159	1018	1026	1032	rBV2	12306	29715	2.55%	0.334%
27	8.281	1035	1046	1062	rVV3	304392	1167327	100.00%	13.116%
28	8.439	1068	1072	1078	rVB8	5622	11144	0.95%	0.125%
29	8.573	1088	1094	1101	rVB6	11636	27453	2.35%	0.308%
30	8.695	1106	1114	1122	rVB2	26722	54029	4.63%	0.607%
31	8.841	1130	1138	1152	rVB	355500	707774	60.63%	7.953%
32	8.945	1152	1155	1157	rVB4	1354	1749	0.15%	0.020%
33	9.024	1165	1168	1171	rBV4	1308	1527	0.13%	0.017%
34	9.073	1173	1176	1177	rBV3	1746	1734	0.15%	0.019%
35	9.274	1201	1209	1215	rVV	234799	484084	41.47%	5.439%
36	9.335	1215	1219	1233	rVB2	36911	85917	7.36%	0.965%

LSC Area Percent Report

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Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Integration Parameters: LSCINT.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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

37	9.518	1244	1249	1256	rBV7	7595	15929	1.36%	0.179%
38	9.610	1259	1264	1268	rVB6	6215	10067	0.86%	0.113%
39	9.664	1271	1273	1277	rVB5	1640	2142	0.18%	0.024%
40	9.750	1281	1287	1296	rVB9	6975	14711	1.26%	0.165%
41	9.890	1305	1310	1315	rBV5	4595	9980	0.85%	0.112%
42	9.951	1315	1320	1327	rBV3	8759	19205	1.65%	0.216%
43	10.036	1327	1334	1340	rBV	85459	153281	13.13%	1.722%
44	10.323	1373	1381	1386	rBV	341471	615533	52.73%	6.916%
45	10.384	1386	1391	1399	rVB	274860	492730	42.21%	5.536%
46	10.506	1404	1411	1417	rVB4	24846	48836	4.18%	0.549%
47	10.579	1417	1423	1429	rBV	47853	84257	7.22%	0.947%
48	10.664	1433	1437	1440	rBV5	3603	5356	0.46%	0.060%
49	10.762	1449	1453	1459	rVB7	3274	6429	0.55%	0.072%
50	10.847	1459	1467	1470	rVB8	2087	5324	0.46%	0.060%
51	10.926	1472	1480	1494	rBV	139785	252907	21.67%	2.842%
52	11.067	1501	1503	1507	rVV4	2408	3219	0.28%	0.036%
53	11.170	1518	1520	1525	rVV5	5476	7666	0.66%	0.086%
54	11.231	1526	1530	1537	rVB6	6433	11961	1.02%	0.134%
55	11.286	1537	1539	1541	rVB2	1824	1504	0.13%	0.017%
56	11.335	1541	1547	1550	rBV5	4527	7803	0.67%	0.088%
57	11.402	1556	1558	1559	rBV2	2259	1758	0.15%	0.020%
58	11.628	1588	1595	1605	rBV	343529	594981	50.97%	6.685%
59	11.731	1605	1612	1619	rBV	61983	108104	9.26%	1.215%
60	11.835	1619	1629	1639	rBV	67571	137456	11.78%	1.544%
61	11.975	1647	1652	1654	rBV5	1713	2594	0.22%	0.029%
62	12.042	1658	1663	1664	rBV5	1703	2157	0.18%	0.024%
63	12.164	1672	1683	1690	rBV2	31429	63785	5.46%	0.717%
64	12.249	1695	1697	1700	rVB3	3586	4012	0.34%	0.045%
65	12.335	1708	1711	1713	rBV4	5156	7245	0.62%	0.081%
66	12.463	1727	1732	1738	rVB3	9794	16748	1.43%	0.188%
67	12.609	1750	1756	1762	rVB2	12395	24285	2.08%	0.273%
68	12.688	1762	1769	1777	rBV	199380	337573	28.92%	3.793%
69	12.804	1782	1788	1792	rVB3	10620	20048	1.72%	0.225%
70	12.865	1792	1798	1801	rBV	10660	18441	1.58%	0.207%
71	12.902	1801	1804	1805	rBV3	1995	2156	0.18%	0.024%
72	13.103	1831	1837	1842	rVB2	7291	13204	1.13%	0.148%
73	13.170	1843	1848	1849	rBV5	2854	3841	0.33%	0.043%
74	13.249	1855	1861	1867	rBV	21959	38135	3.27%	0.428%
75	13.298	1867	1869	1872	rBV3	1276	1556	0.13%	0.017%
76	13.383	1878	1883	1885	rBV6	3434	6253	0.54%	0.070%

LSC Area Percent Report

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Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Integration Parameters: LSCINT.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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

77	13.469	1892	1897	1903	rVB3	17103	29331	2.51%	0.330%
78	13.554	1905	1911	1924	rBV	185467	323189	27.69%	3.631%
79	13.749	1940	1943	1946	rBV5	3253	4035	0.35%	0.045%
80	13.853	1952	1960	1969	rBV	162963	285932	24.49%	3.213%
81	14.005	1982	1985	1989	rBV7	3240	5709	0.49%	0.064%
82	14.066	1991	1995	1998	rVV	6621	10353	0.89%	0.116%
83	14.328	2033	2038	2044	rBV9	5422	12804	1.10%	0.144%
84	14.420	2050	2053	2056	rVB5	2341	3094	0.27%	0.035%
85	14.523	2064	2070	2077	rVB5	2717	8818	0.76%	0.099%
86	14.627	2085	2087	2091	rVB4	1724	1618	0.14%	0.018%
87	14.712	2096	2101	2107	rVB8	3975	7221	0.62%	0.081%
88	14.792	2109	2114	2117	rBV6	4135	6153	0.53%	0.069%
89	15.054	2153	2157	2161	rBV7	2571	4240	0.36%	0.048%
90	15.359	2204	2207	2211	rBV6	2041	3318	0.28%	0.037%
91	15.395	2211	2213	2217	rVB5	2169	2532	0.22%	0.028%
92	15.529	2233	2235	2238	rBV4	1747	2195	0.19%	0.025%
93	15.791	2275	2278	2282	rVB5	2786	3600	0.31%	0.040%
94	15.877	2290	2292	2298	rVB7	2041	2906	0.25%	0.033%
95	15.926	2298	2300	2301	rBV2	2196	1611	0.14%	0.018%
96	15.950	2301	2304	2310	rVV7	1957	3622	0.31%	0.041%
97	16.035	2314	2318	2324	rVB8	2011	3806	0.33%	0.043%
98	16.425	2380	2382	2386	rBV5	1651	1931	0.17%	0.022%
99	16.474	2388	2390	2396	rBV7	1257	2550	0.22%	0.029%
100	16.608	2410	2412	2416	rBV4	1589	2519	0.22%	0.028%

Sum of corrected areas: 8899749

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
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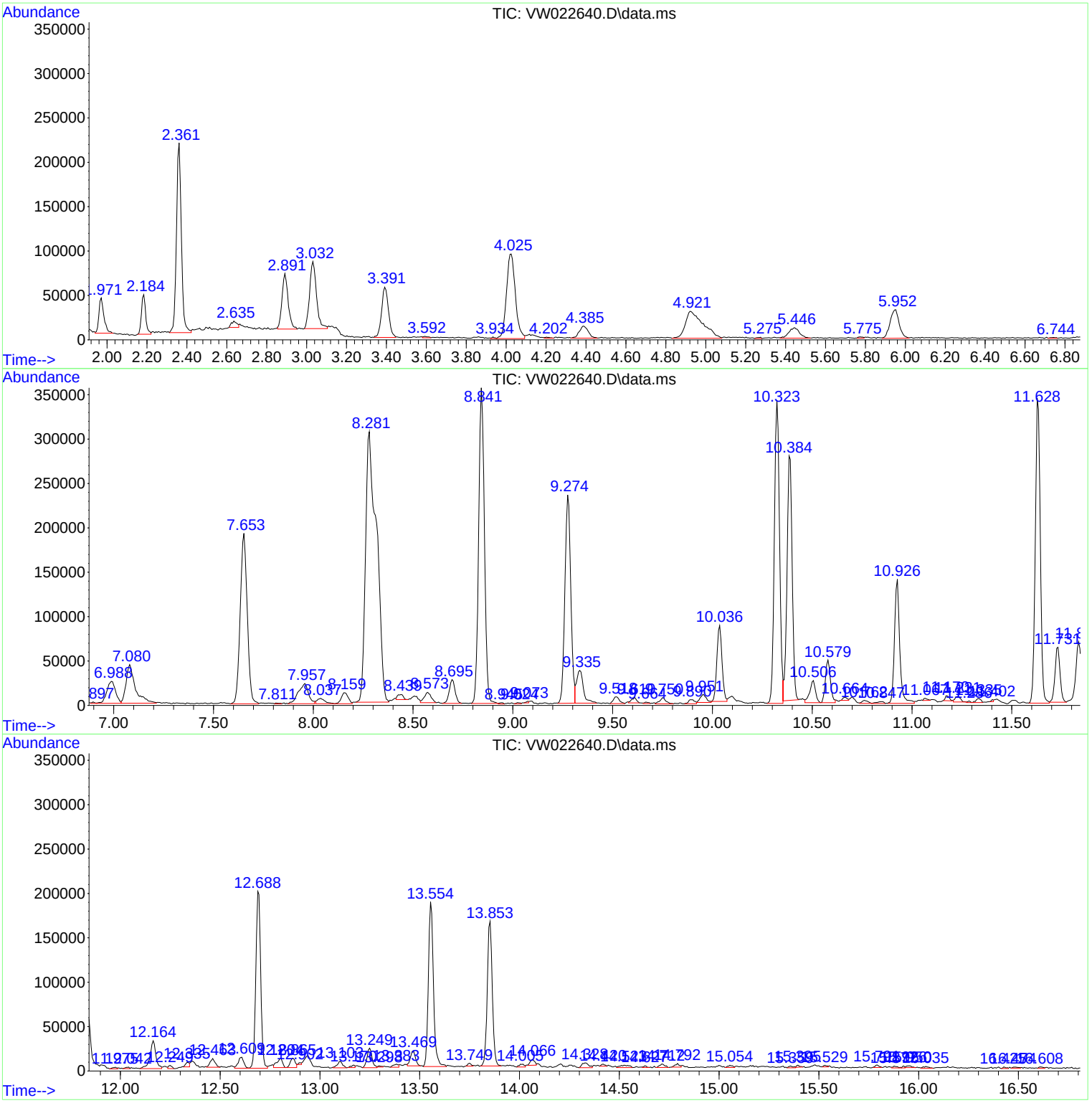
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
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Instrument :
MSVOA_W
ClientSampleId :
EW476

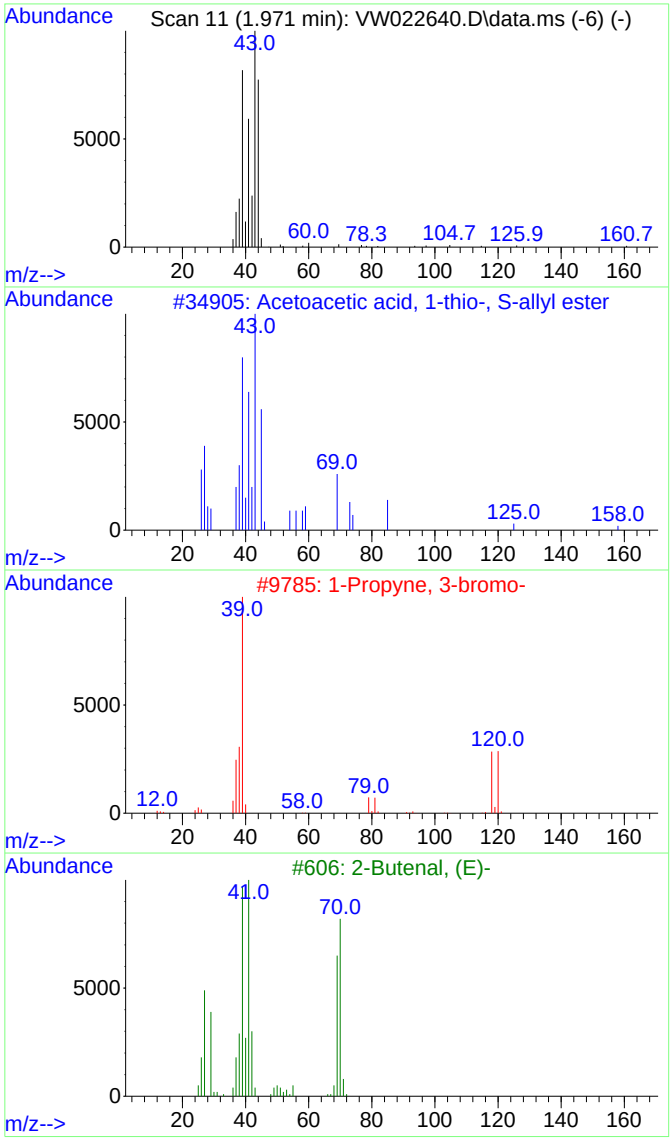
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

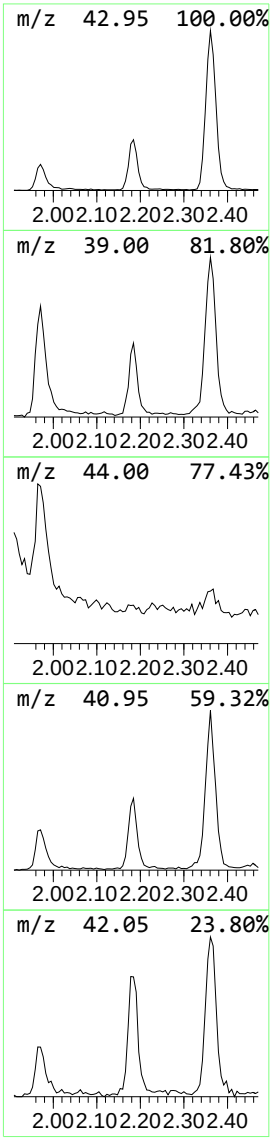
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetoacetic acid, 1-thio-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.971	2.43 ug/L	68714	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	64
2	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	45
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	38
4	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	38
5	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

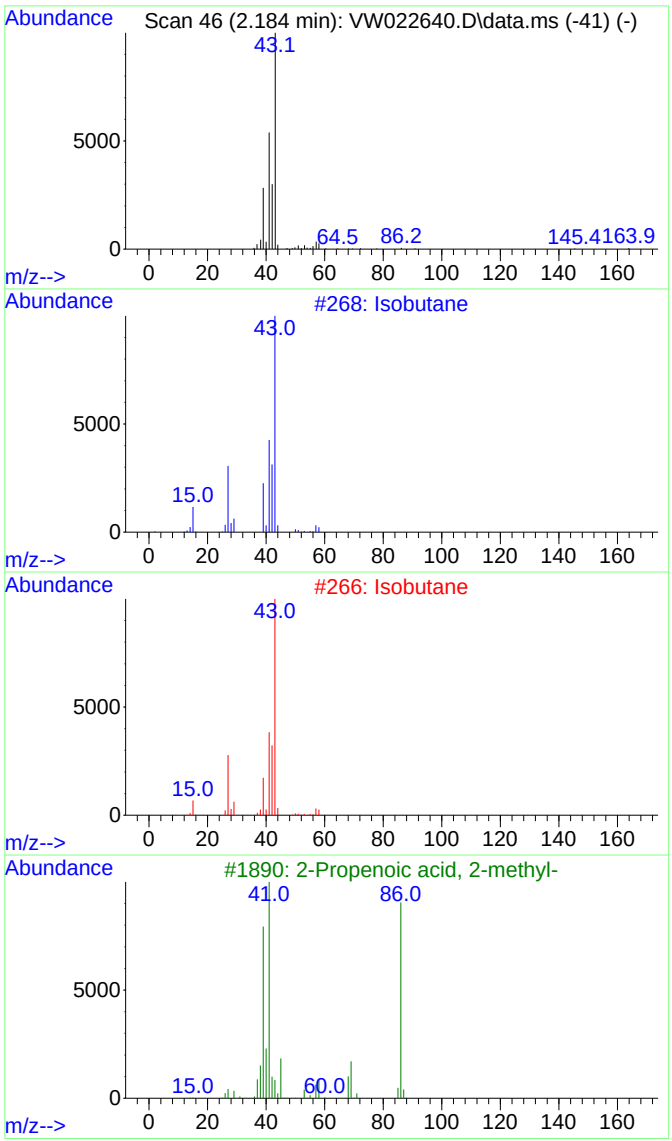
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

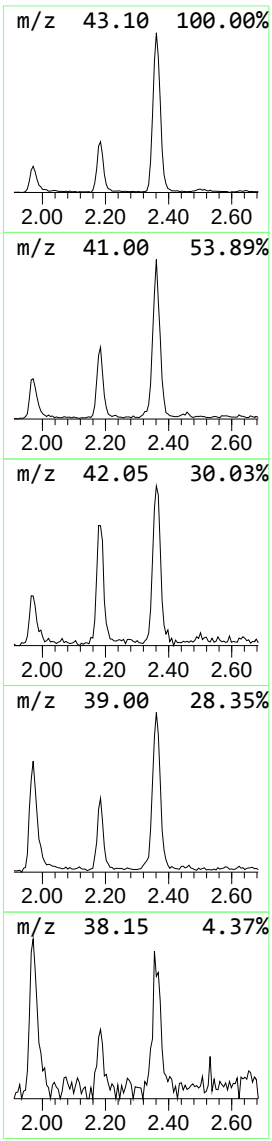
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.184	2.31 ug/L	65473	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	9
2	Isobutane	58	C4H10	000075-28-5	9
3	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	9
4	Propane, 1-isocyano-	69	C4H7N	000627-36-1	9
5	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
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Instrument :
MSVOA_W
ClientSampleId :
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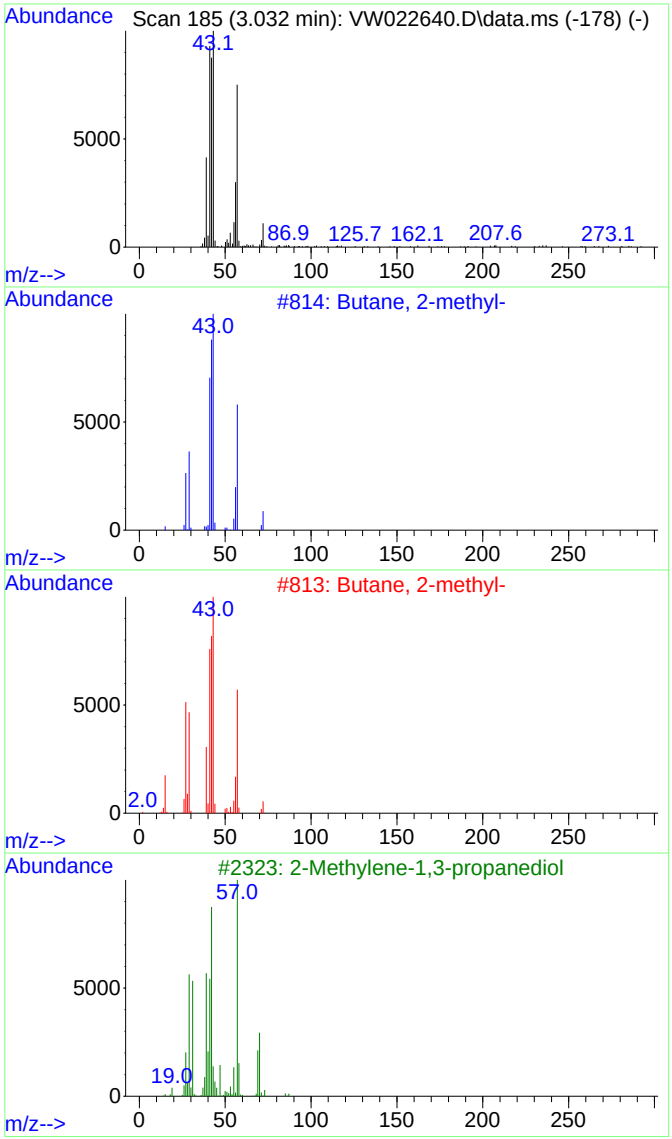
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

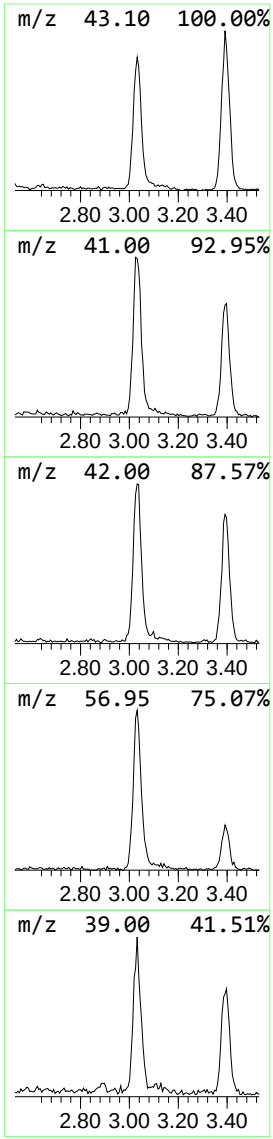
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	6.39 ug/L	180781	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	59
2	Butane, 2-methyl-	72	C5H12	000078-78-4	58
3	2-Methylene-1,3-propanediol	88	C4H8O2	003513-81-3	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	33
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

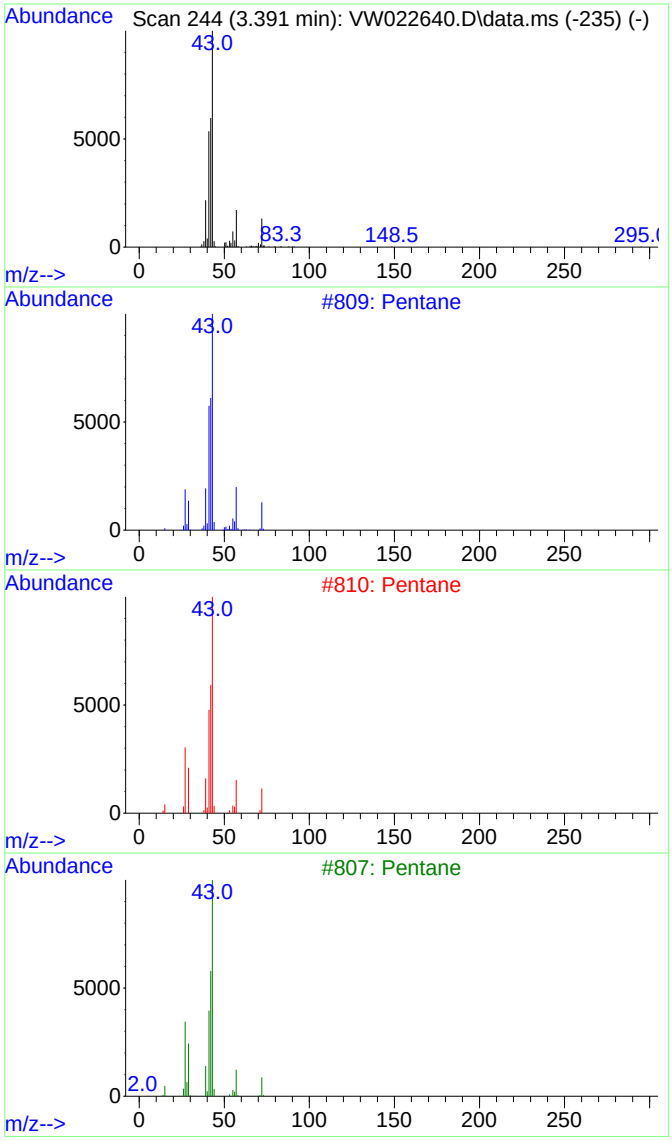
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

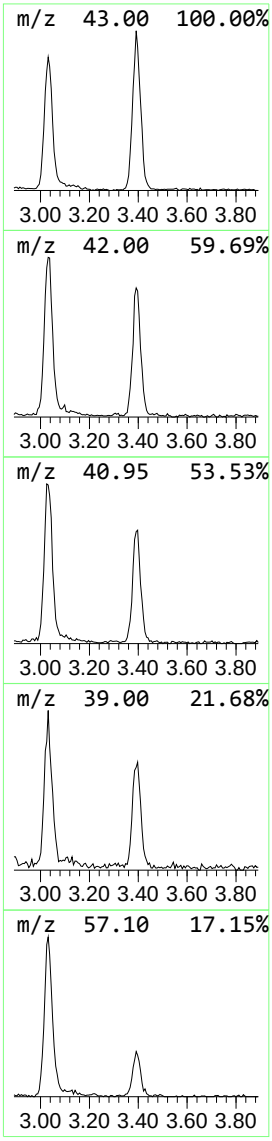
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.391	4.77 ug/L	135071	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	80
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

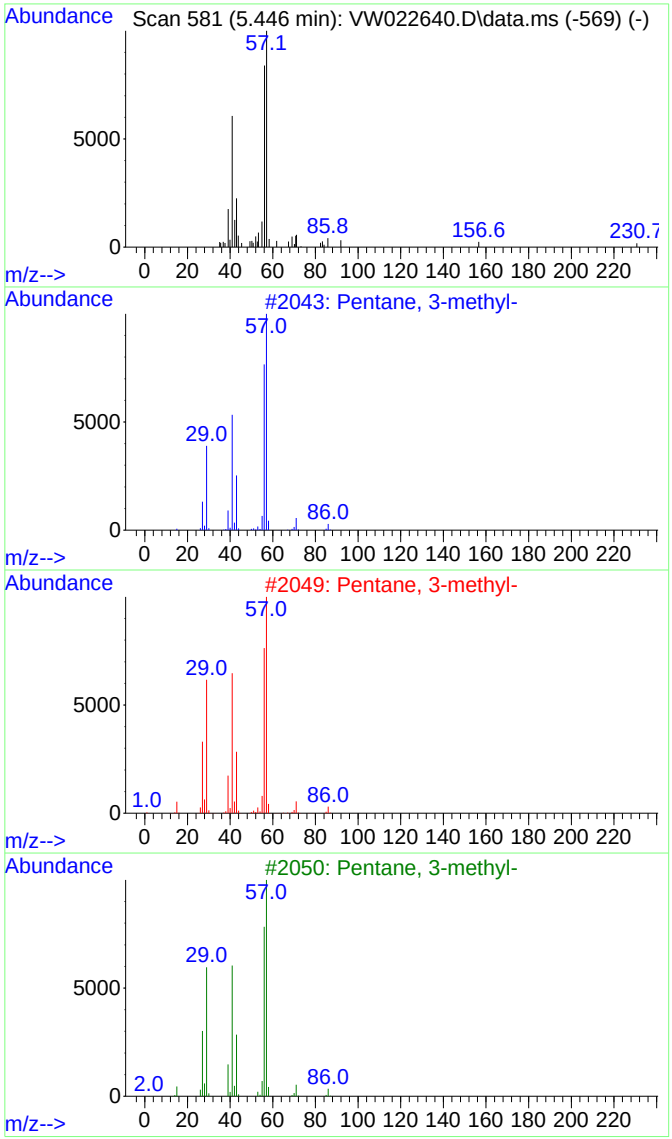
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

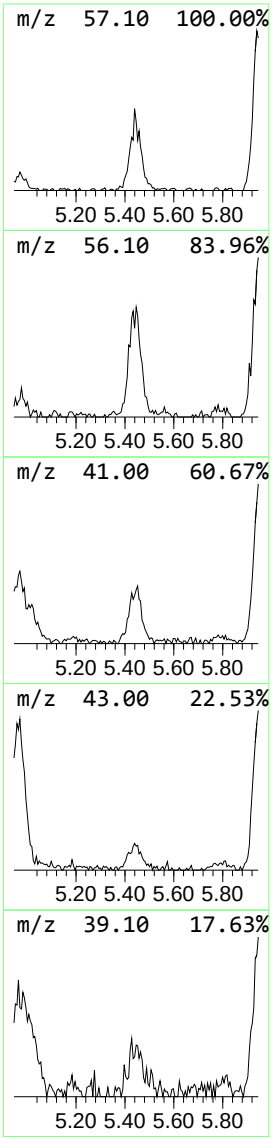
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	1.51 ug/L	42834	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

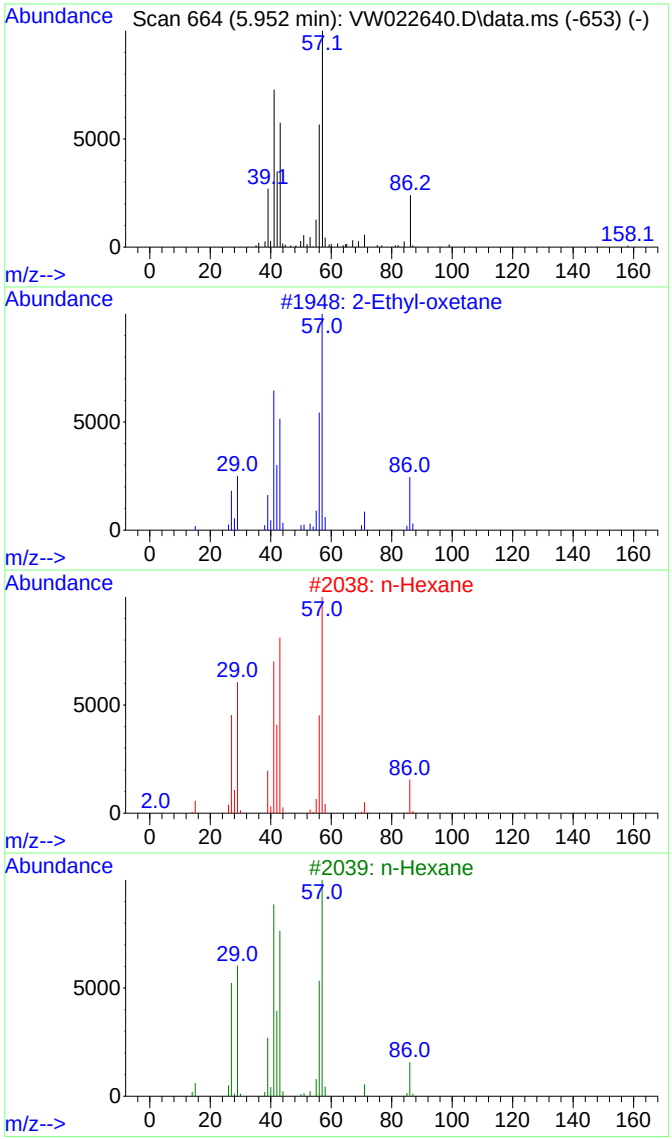
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

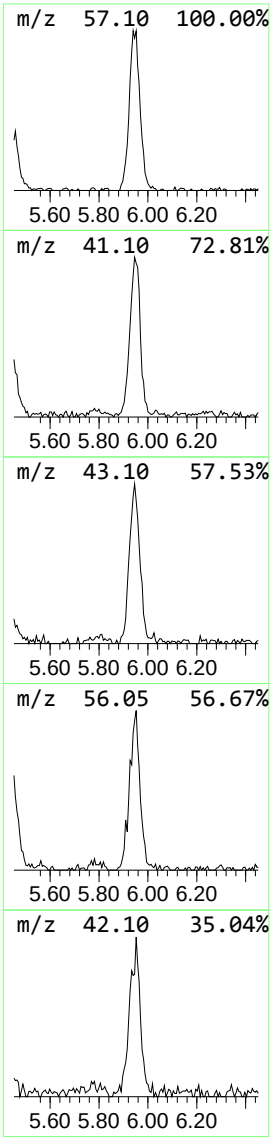
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.952	3.59 ug/L	101496	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	64
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

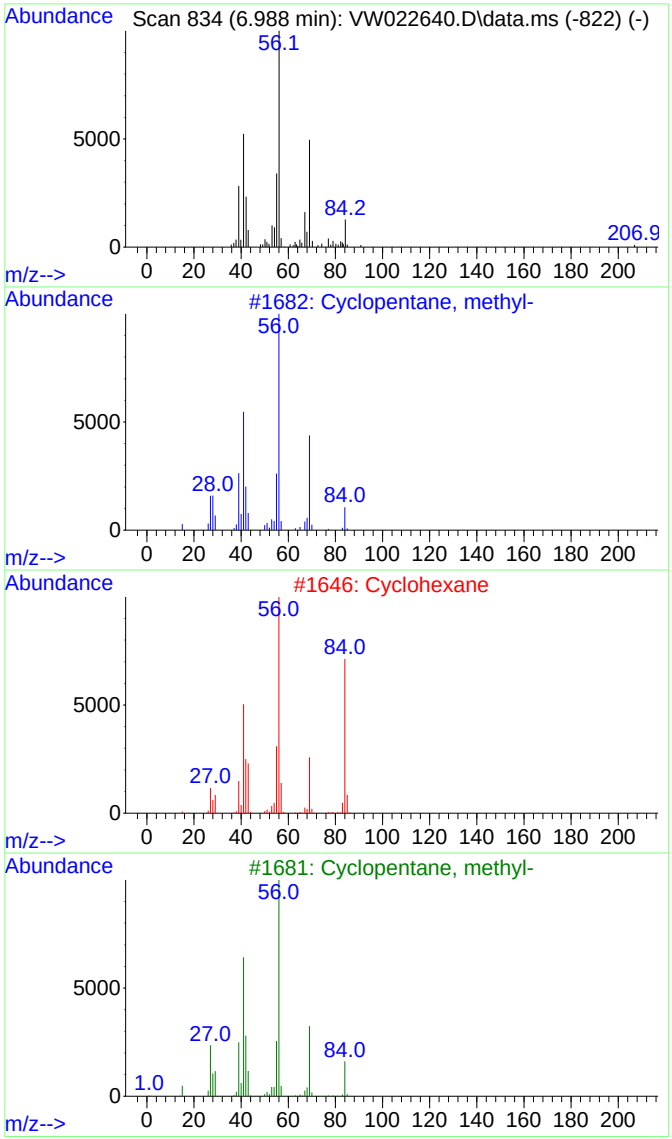
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

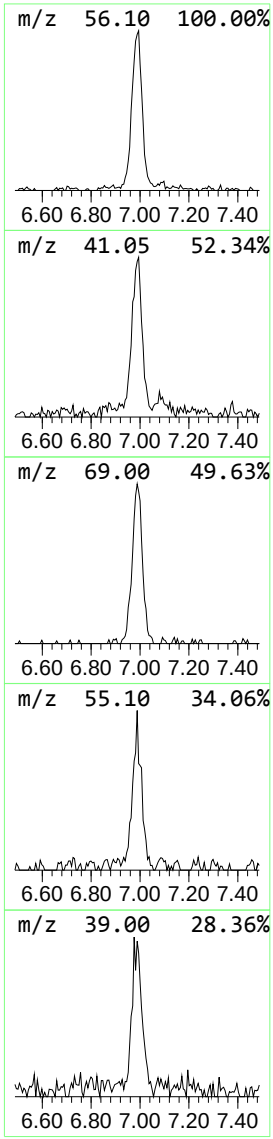
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic6.988 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	2.68 ug/L	75844	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclohexane	84	C6H12	000110-82-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





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Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

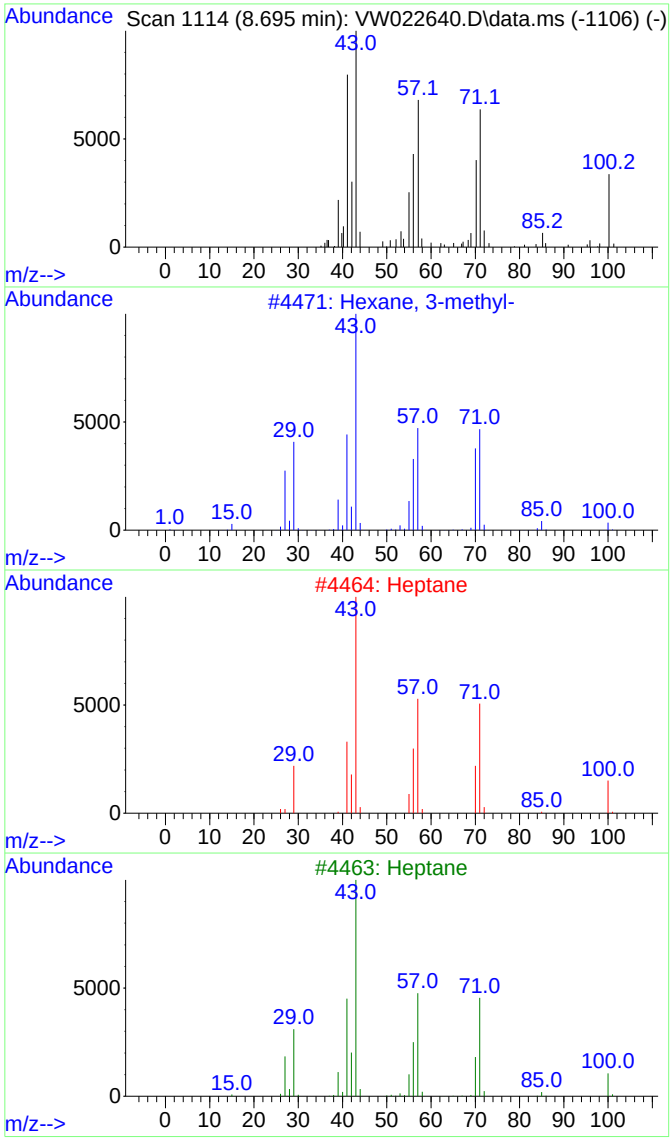
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

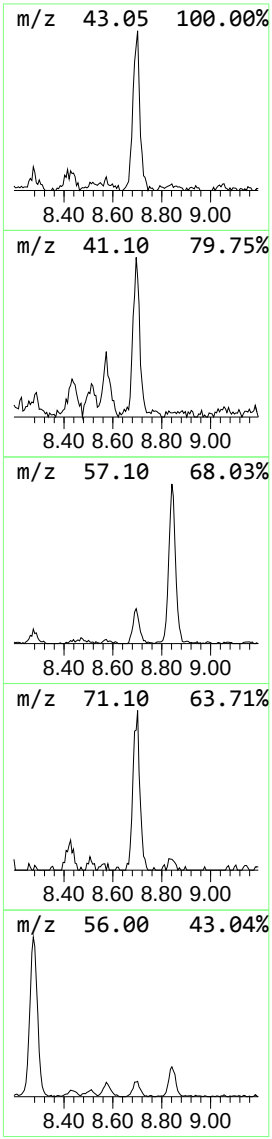
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	1.91 ug/L	54029	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
2	Heptane	100	C7H16	000142-82-5	50
3	Heptane	100	C7H16	000142-82-5	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	3-Hexanone	100	C6H12O	000589-38-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

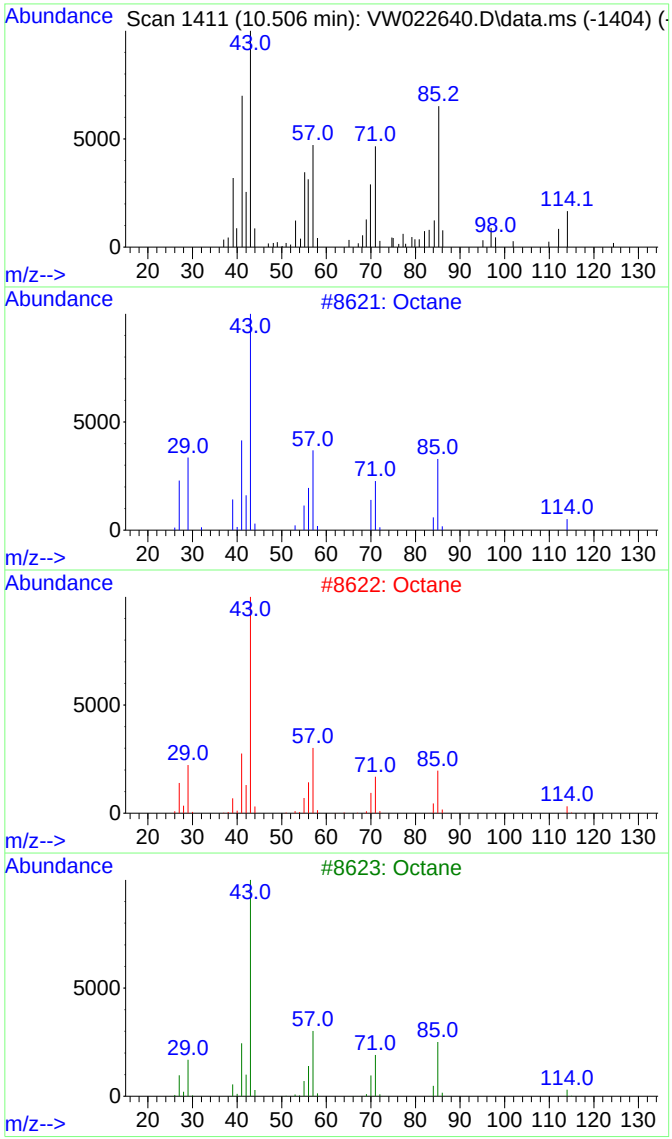
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

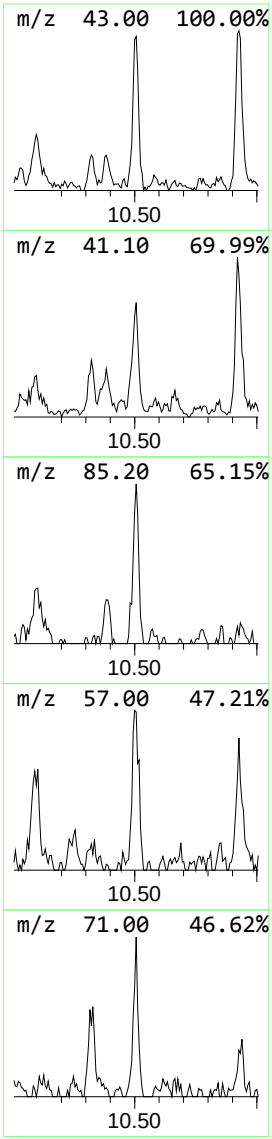
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	2.05 ug/L	48836	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Octane	114	C8H18	000111-65-9	87
3	Octane	114	C8H18	000111-65-9	78
4	Octane	114	C8H18	000111-65-9	74
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

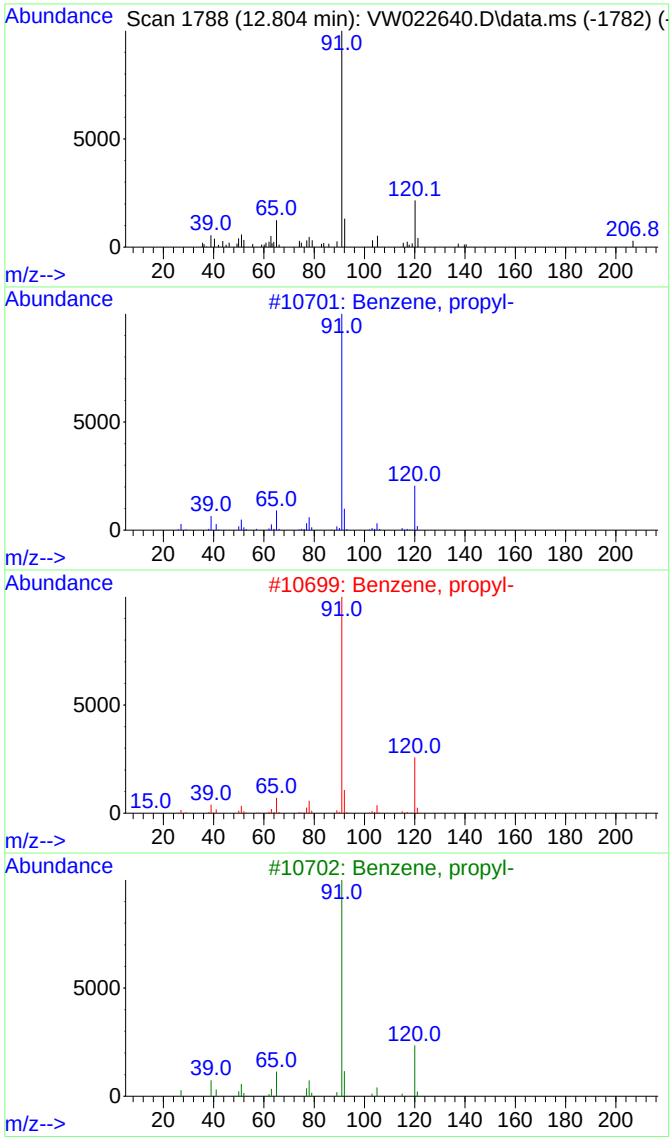
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

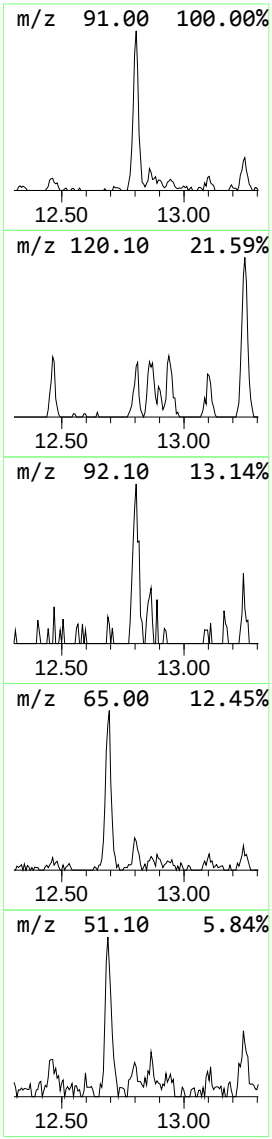
****

Peak Number 12 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	1.55 ug/L	20048	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	72
2	Benzene, propyl-	120	C9H12	000103-65-1	72
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	N-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

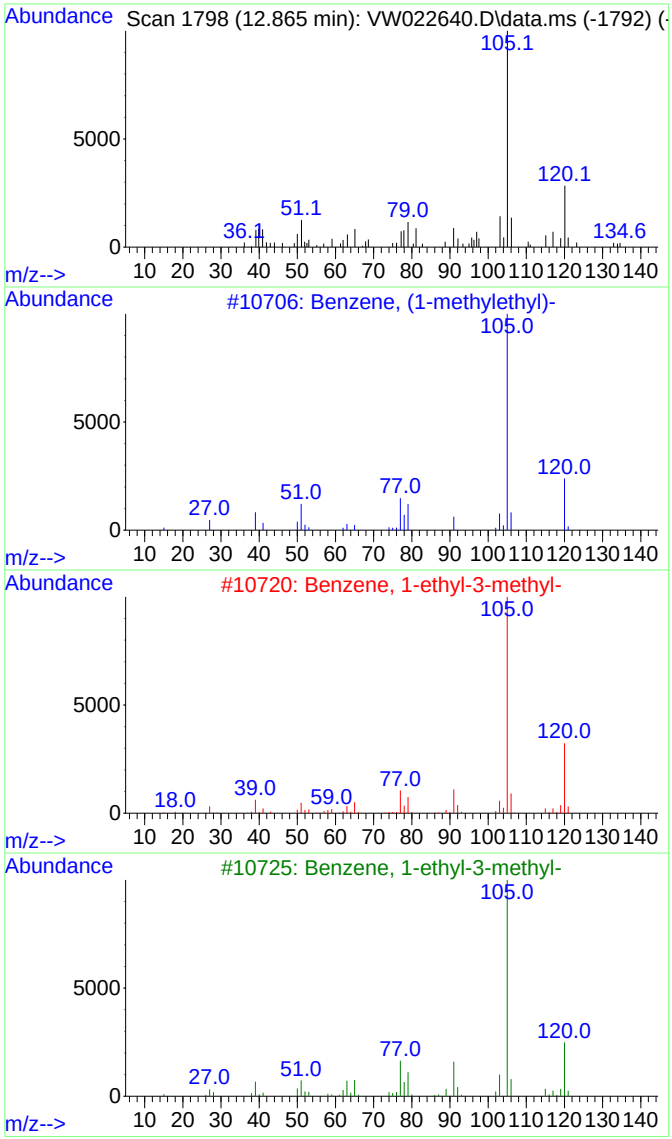
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

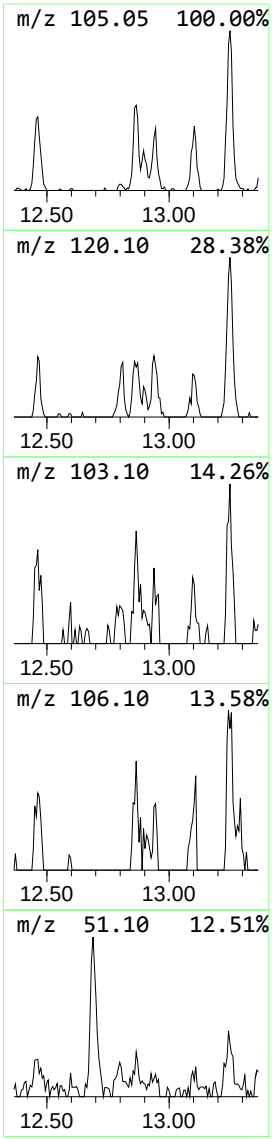
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.43 ug/L	18441	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

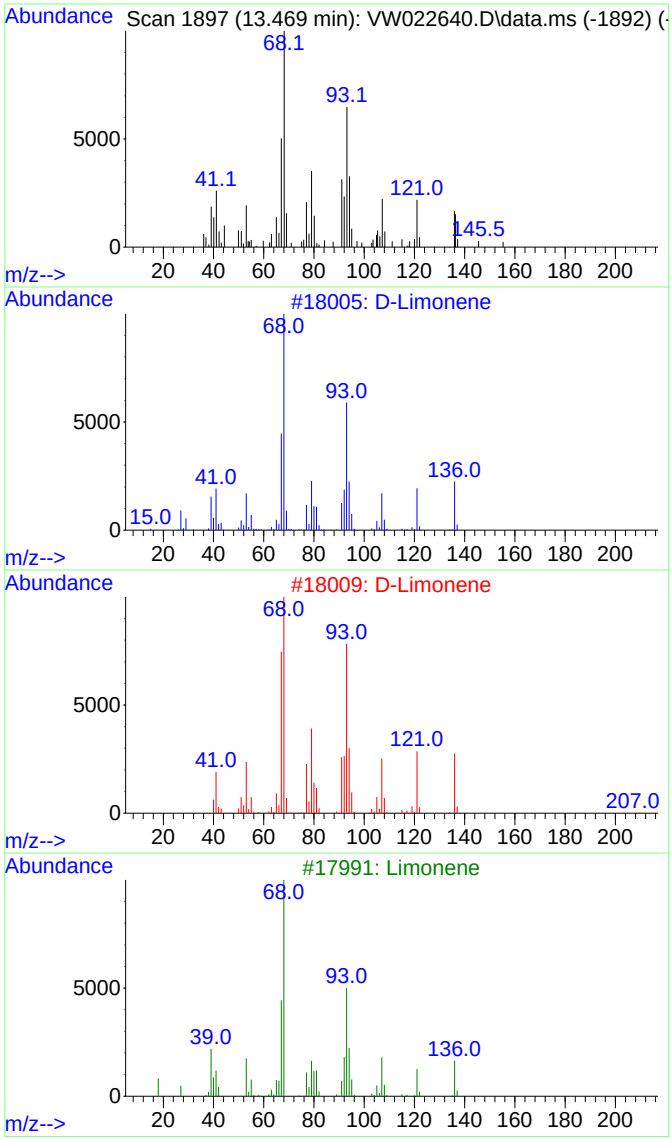
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

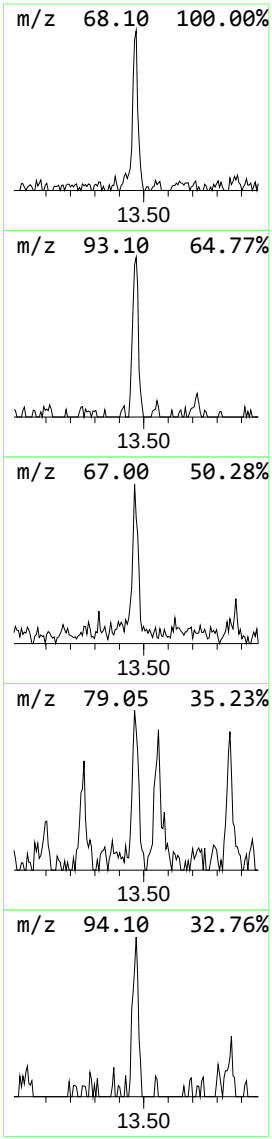
****

Peak Number 14 D-Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.27 ug/L	29331	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	94
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	93
4	D-Limonene	136	C10H16	005989-27-5	93
5	D-Limonene	136	C10H16	005989-27-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022640.D
Acq On : 27 Apr 2022 14:19
Operator : SY/VA
Sample : N2562-15
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW476

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetoacetic aci...	1.971	2.4	ug/L	68714	1	8.841	707774	25.0
(DEL) Alkane: S...	2.184	2.3	ug/L	65473	1	8.841	707774	25.0
(DEL) Alkane: S...	3.032	6.4	ug/L	180781	1	8.841	707774	25.0
(DEL) Alkane: S...	3.391	4.8	ug/L	135071	1	8.841	707774	25.0
(DEL) Alkane: S...	5.446	1.5	ug/L	42834	1	8.841	707774	25.0
2-Ethyl-oxetane	5.952	3.6	ug/L	101496	1	8.841	707774	25.0
(DEL) Alkane: C...	6.988	2.7	ug/L	75844	1	8.841	707774	25.0
(DEL) Alkane: S...	8.695	1.9	ug/L	54029	1	8.841	707774	25.0
(DEL) Alkane: S...	10.506	2.0	ug/L	48836	2	11.628	594981	25.0
Benzene, propyl-	12.804	1.6	ug/L	20048	3	13.560	323189	25.0
Benzene, (1-met...	12.865	1.4	ug/L	18441	3	13.560	323189	25.0
D-Limonene	13.469	2.3	ug/L	29331	3	13.560	323189	25.0