LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

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\SFAMWLM071322SMA.M
Title : SFAM01.0

Signal : TIC: VW023683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.105	30	33	38	rBV5	1675	3626	0.19%	0.020%
2	2.227	47	53	55	rBV5	8699	15129	0.77%	0.083%
3	2.355	64	74	86	rBV2	479022	898663	46.00%	4.937%
4	2.879	154	160	169	rVB	68797	148605	7.61%	0.816%
5	3.019	178	183	192	rVB2	41808	93097	4.77%	0.511%
6	3.373	235	241	250	rBV4	10561	27571	1.41%	0.151%
7	4.013	333	346	357	rBV3	63619	209945	10.75%	1.153%
8	4.403	401	410	412	rBV5	4668	11983	0.61%	0.066%
9	4.763	467	469	477	rVB9	2407	5424	0.28%	0.030%
10	4.952	477	500	520	rBV2	139855	658565	33.71%	3.618%
11	5.153	532	533	539	rVB6	1953	2364	0.12%	0.013%
12	5.434	563	579	597	rBV4	135422	480506	24.60%	2.640%
13	5.738	624	629	633	rBV6	3729	7937	0.41%	0.044%
14	5.940	650	662	672	rBV	43551	128400	6.57%	0.705%
15	6.110	683	690	696	rVB10	3002	6740	0.34%	0.037%
16	6.305	720	722	727	rVB6	2320	3947	0.20%	0.022%
17	6.354	727	730	733	rBV5	1539	2435	0.12%	0.013%
18	6.427	740	742	747	rVB6	2561	2436	0.12%	0.013%
19	6.714	782	789	795	rBV6	6899	21060	1.08%	0.116%
20	6.872	802	815	824	rBV2	89070	282524	14.46%	1.552%
21	6.982	824	833	843	rVV	127790	382710	19.59%	2.103%
22	7.074	843	848	854	rVV	28541	76316	3.91%	0.419%
23	7.165	854	863	879	rVV	739029	1953648	100.00%	10.733%
24	7.519	915	921	927	rVB9	2717	6365	0.33%	0.035%
25	7.647	930	942	957	rBV	156551	427073	21.86%	2.346%
26	7.848	970	975	979	rBV6	3959	5946	0.30%	0.033%
27	7.951	980	992	997	rBV3	103577	353136	18.08%	1.940%
28	8.031	997	1005	1017	rVB	592140	1478147	75.66%	8.121%
29	8.153	1018	1025	1032	rBV	130647	292775	14.99%	1.609%
30	8.220	1032	1036	1037	rBV2	17853	23788	1.22%	0.131%
31	8.275	1038	1045	1049	rBV	265254	629637	32.23%	3.459%
32	8.476	1062	1078	1089	rBV	571062	1799237	92.10%	9.885%
33	8.573	1089	1094	1105	rVB2	94499	220387	11.28%	1.211%
34	8.665	1107	1109	1111	rBV3	2600	3191	0.16%	0.018%
35	8.689	1111	1113	1124	rVB10	8034	19411	0.99%	0.107%
36	8.842	1129	1138	1150	rBV	308259	643098	32.92%	3.533%

LSC Area Percent Report

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Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

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\SFAMWLM071322SMA.M
Title : SFAM01.0

37	9.091	1170	1179	1193	rBV5	66905	160566	8.22%	0.882%
38	9.274	1198	1209	1214	rBV2	230457	539803	27.63%	2.966%
39	9.335	1214	1219	1224	rVV	259147	557029	28.51%	3.060%
40	9.378	1224	1226	1235	rVB	71172	125749	6.44%	0.691%
41	9.463	1235	1240	1244	rBV	16004	31395	1.61%	0.172%
42	9.518	1244	1249	1255	rVB2	47176	87801	4.49%	0.482%
43	9.604	1255	1263	1270	rBV5	16517	38328	1.96%	0.211%
44	9.671	1270	1274	1277	rBV6	6842	11737	0.60%	0.064%
45	9.756	1281	1288	1300	rVB	340350	668041	34.19%	3.670%
46	9.890	1300	1310	1317	rBV	260215	531127	27.19%	2.918%
47	10.030	1324	1333	1338	rBV	86681	171579	8.78%	0.943%
48	10.201	1356	1361	1362	rBV5	5468	7262	0.37%	0.040%
49	10.244	1364	1368	1373	rVB3	24368	44561	2.28%	0.245%
50	10.323	1373	1381	1387	rBV	465340	828786	42.42%	4.553%
51	10.384	1388	1391	1398	rVB	35808	62575	3.20%	0.344%
52	10.494	1404	1409	1417	rVB6	18577	44292	2.27%	0.243%
53	10.573	1417	1422	1432	rVB	60470	116326	5.95%	0.639%
54	10.664	1432	1437	1441	rBV3	17913	35172	1.80%	0.193%
55	10.756	1448	1452	1460	rVB7	29181	64624	3.31%	0.355%
56	10.841	1462	1466	1473	rVB9	6869	15896	0.81%	0.087%
57	10.920	1473	1479	1488	rBV	113583	208648	10.68%	1.146%
58	11.061	1498	1502	1507	rBV2	10247	14738	0.75%	0.081%
59	11.146	1512	1516	1518	rBV5	7979	12614	0.65%	0.069%
60	11.176	1518	1521	1527	rVB4	13208	22291	1.14%	0.122%
61	11.329	1544	1546	1552	rVB7	4362	7790	0.40%	0.043%
62	11.439	1559	1564	1571	rBV7	9635	21730	1.11%	0.119%
63	11.536	1575	1580	1587	rVV3	9913	18446	0.94%	0.101%
64	11.628	1588	1595	1603	rVV	395312	660989	33.83%	3.631%
65	11.725	1607	1611	1616	rVB3	10757	17386	0.89%	0.096%
66	11.841	1627	1630	1632	rBV4	2799	3136	0.16%	0.017%
67	12.164	1680	1683	1688	rVB6	3430	4897	0.25%	0.027%
68	12.329	1705	1710	1715	rBV8	2844	5695	0.29%	0.031%
69	12.414	1720	1724	1725	rBV4	1561	2363	0.12%	0.013%
70	12.469	1727	1733	1738	rBV3	6575	11193	0.57%	0.061%
71	12.603	1749	1755	1761	rBV4	15161	31344	1.60%	0.172%
72	12.688	1761	1769	1777	rVB	172892	286827	14.68%	1.576%
73	12.877	1796	1800	1804	rBV7	1780	3244	0.17%	0.018%
74	12.932	1804	1809	1817	rVV7	6633	14391	0.74%	0.079%
75	13.103	1832	1837	1841	rVV2	11708	19494	1.00%	0.107%
76	13.188	1844	1851	1856	rVV7	5933	11857	0.61%	0.065%

LSC Area Percent Report

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Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

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\SFAMWLM071322SMA.M
Title : SFAM01.0

77	13.292	1863	1868	1872	rVB7	3433	6462	0.33%	0.036%
78	13.377	1875	1882	1893	rBV4	24720	61521	3.15%	0.338%
79	13.554	1905	1911	1919	rVV	307318	497373	25.46%	2.733%
80	13.646	1923	1926	1930	rVB5	8721	12447	0.64%	0.068%
81	13.713	1935	1937	1940	rVB4	2339	2153	0.11%	0.012%
82	13.767	1940	1946	1947	rBV6	4195	7401	0.38%	0.041%
83	13.798	1947	1951	1953	rVV5	5546	8034	0.41%	0.044%
84	13.853	1953	1960	1968	rVB	282782	471661	24.14%	2.591%
85	14.066	1991	1995	2007	rVB3	9054	23649	1.21%	0.130%
86	14.206	2009	2018	2023	rVV	79467	130866	6.70%	0.719%
87	14.273	2025	2029	2033	rVV6	5507	10813	0.55%	0.059%
88	14.341	2033	2040	2050	rVB5	9632	23977	1.23%	0.132%
89	14.499	2061	2066	2067	rBV5	2204	3163	0.16%	0.017%
90	14.530	2067	2071	2078	rVB6	5537	10366	0.53%	0.057%
91	14.639	2084	2089	2092	rVB6	1663	2686	0.14%	0.015%
92	14.712	2094	2101	2106	rBV9	7522	17653	0.90%	0.097%
93	14.877	2122	2128	2133	rVB10	6511	10976	0.56%	0.060%
94	15.164	2167	2175	2182	rVB5	12205	30030	1.54%	0.165%
95	15.310	2195	2199	2202	rBV5	2219	3056	0.16%	0.017%
96	15.432	2216	2219	2224	rVV6	4489	7962	0.41%	0.044%
97	15.481	2226	2227	2231	rVV4	2200	2742	0.14%	0.015%
98	15.548	2235	2238	2243	rVB7	1628	2255	0.12%	0.012%
99	15.755	2266	2272	2276	rBV9	1607	3796	0.19%	0.021%
100	15.834	2282	2285	2289	rBV6	1952	3145	0.16%	0.017%

Sum of corrected areas: 18201731

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
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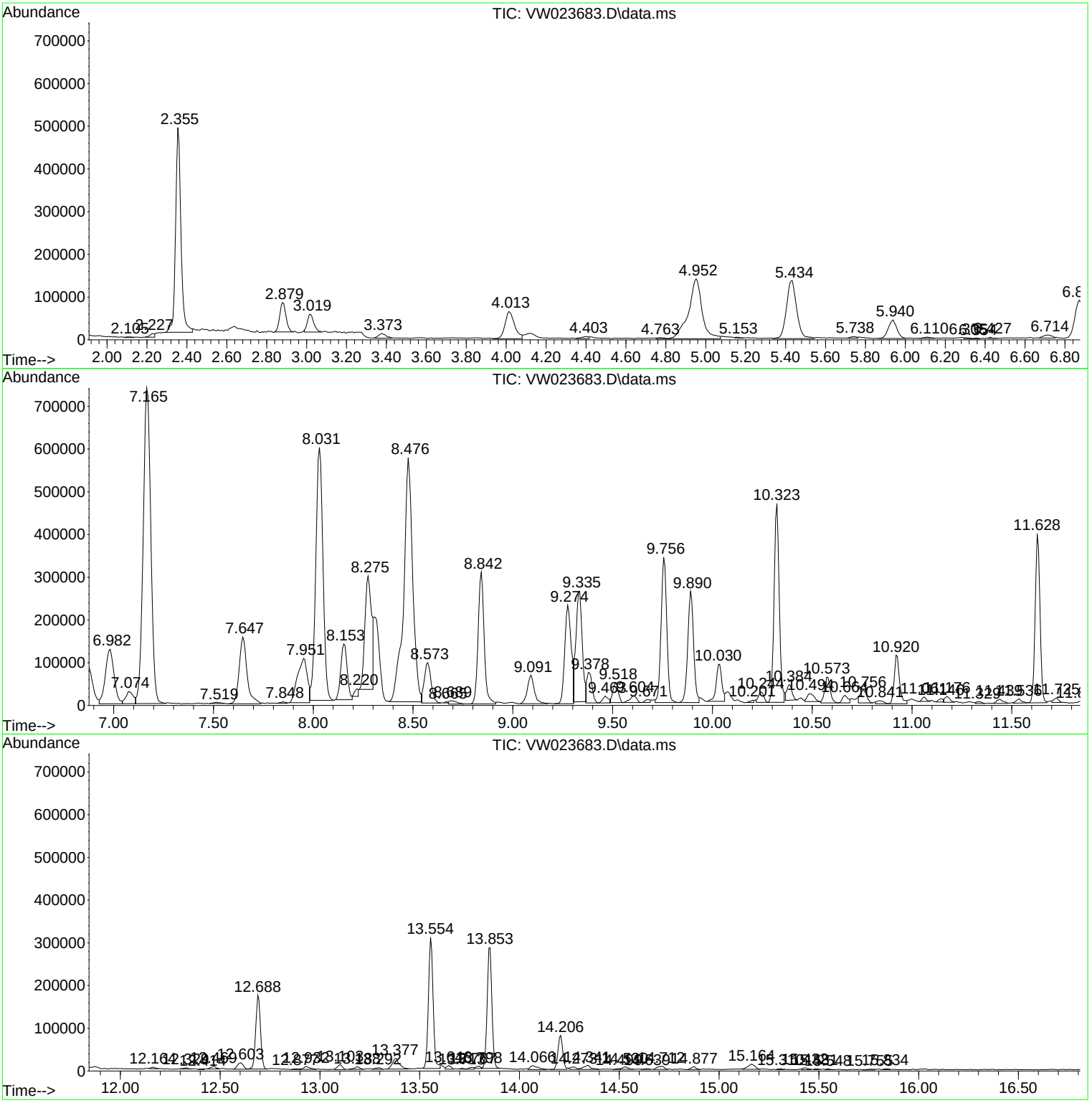
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

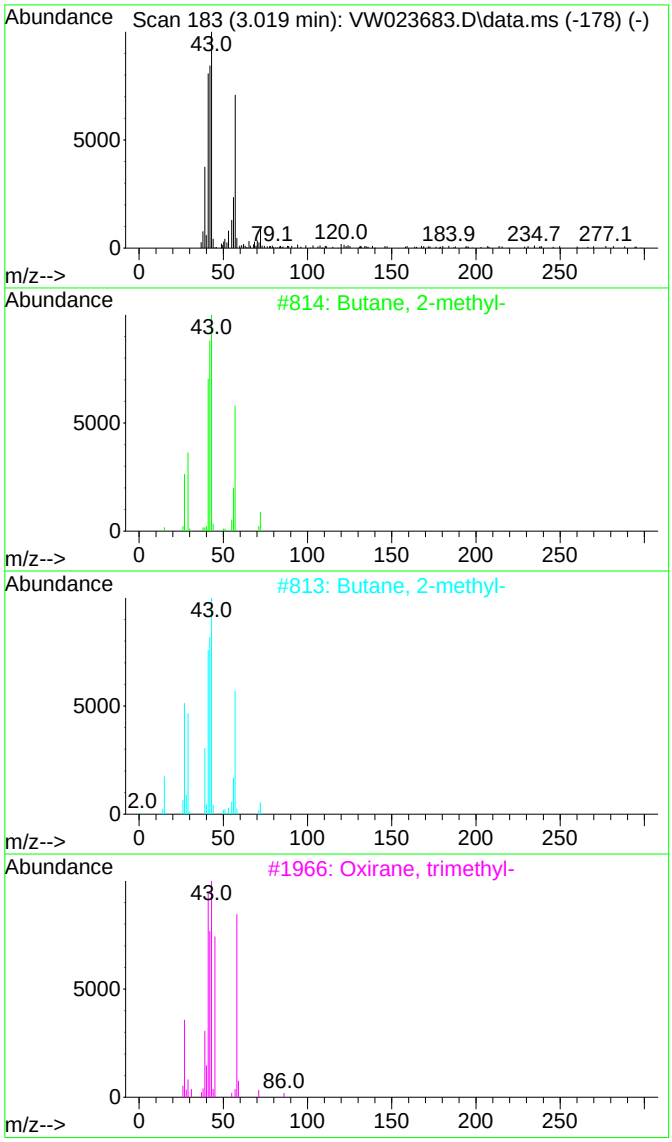
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

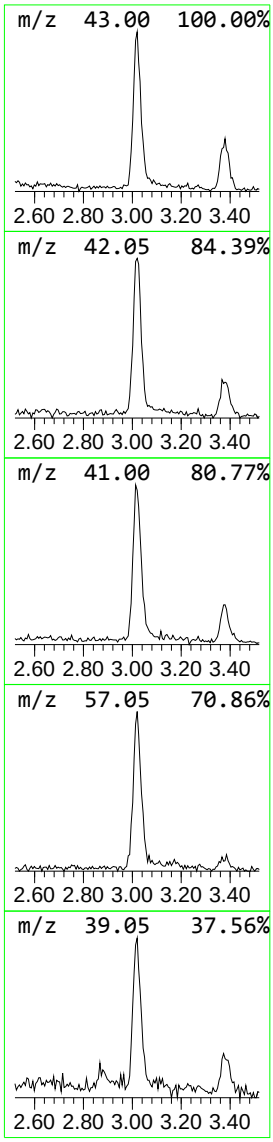
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.019	3.62 ug/L	93097	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

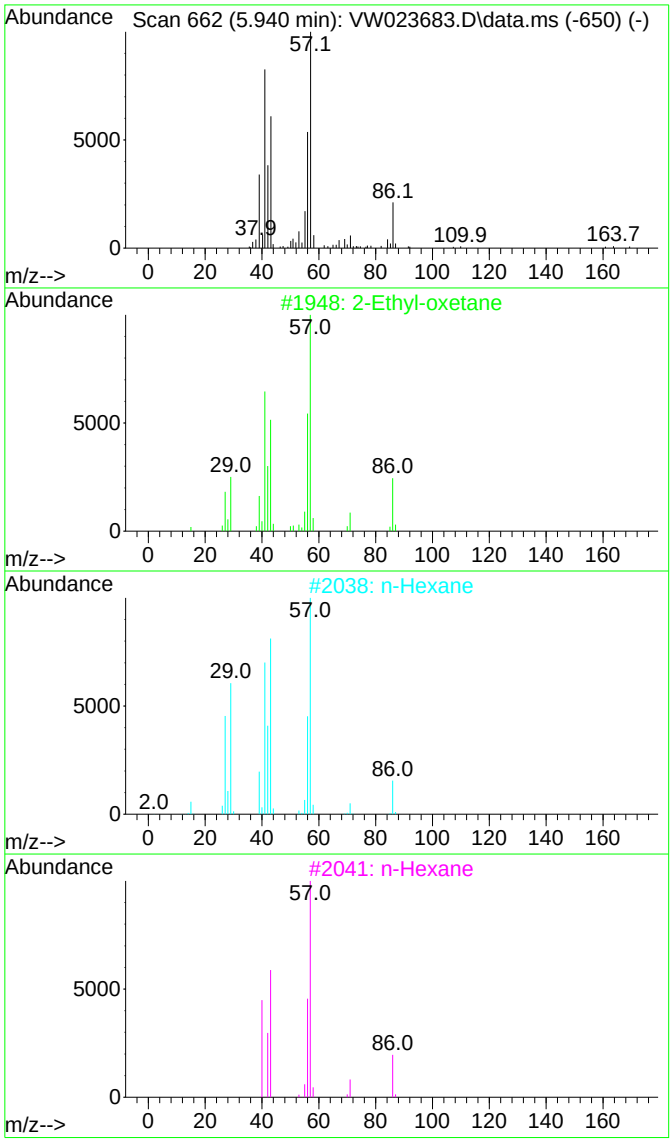
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

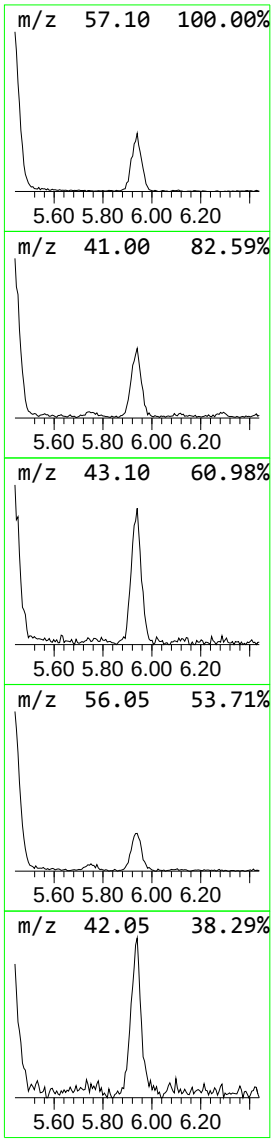
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Ethyl-oxetane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	4.99 ug/L	128400	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
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Acq On : 14 Jul 2022 07:10
Operator : SY/VA
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Instrument :
MSVOA_W
ClientSampleId :
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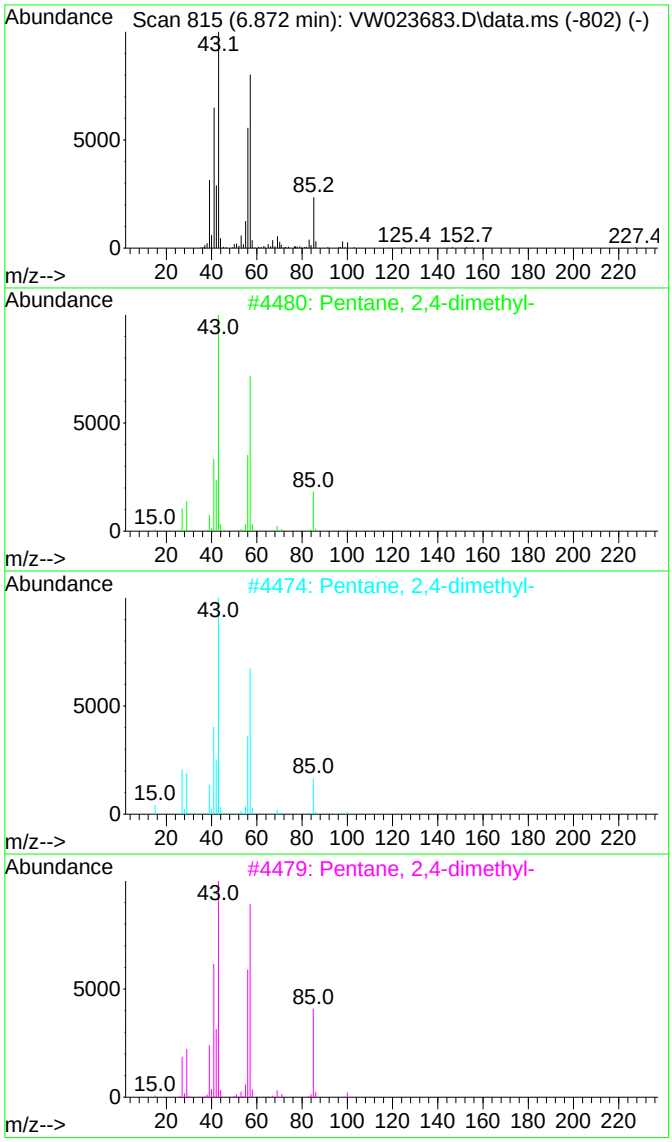
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

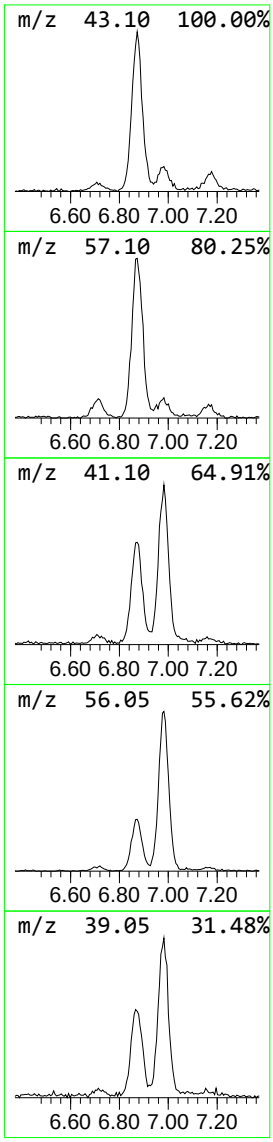
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.872	10.98 ug/L	282524	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	52
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

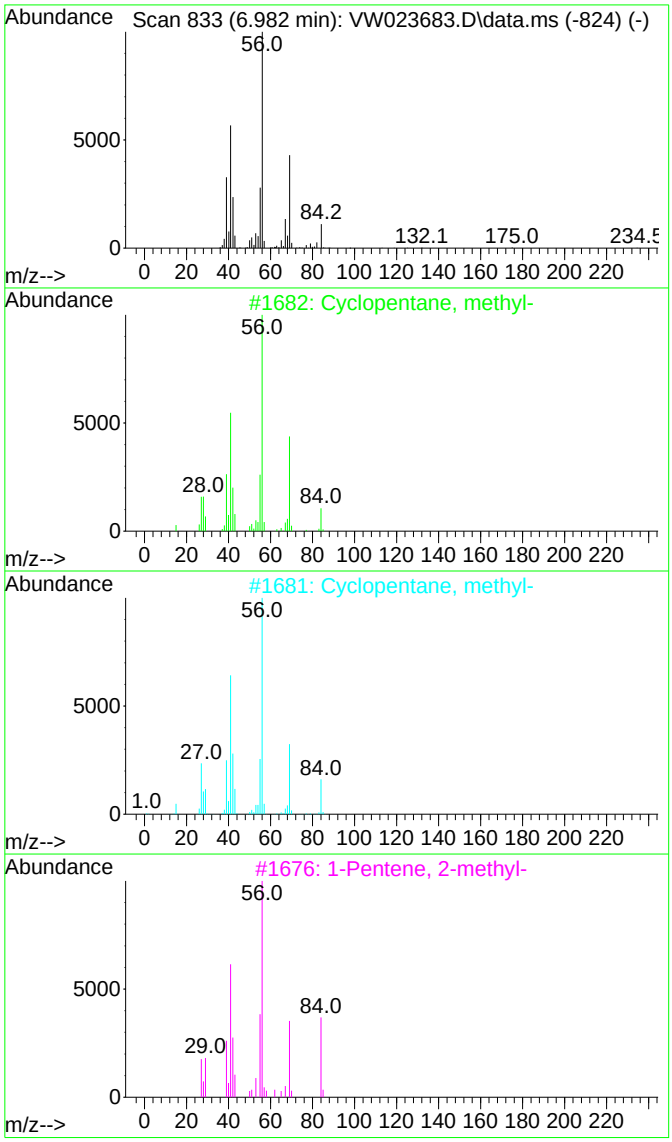
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

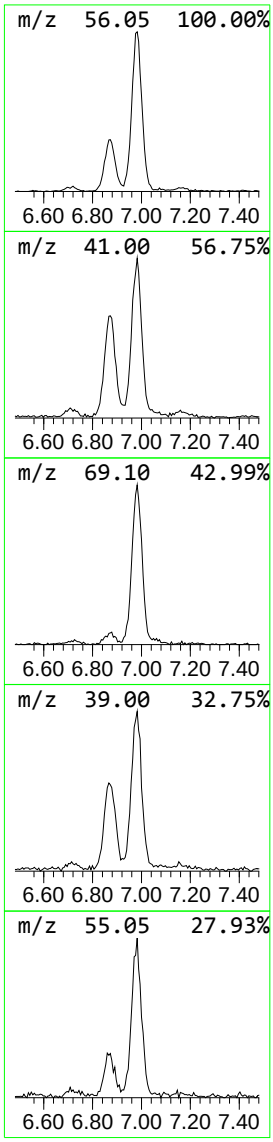
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic6.982 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	14.88 ug/L	382710	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

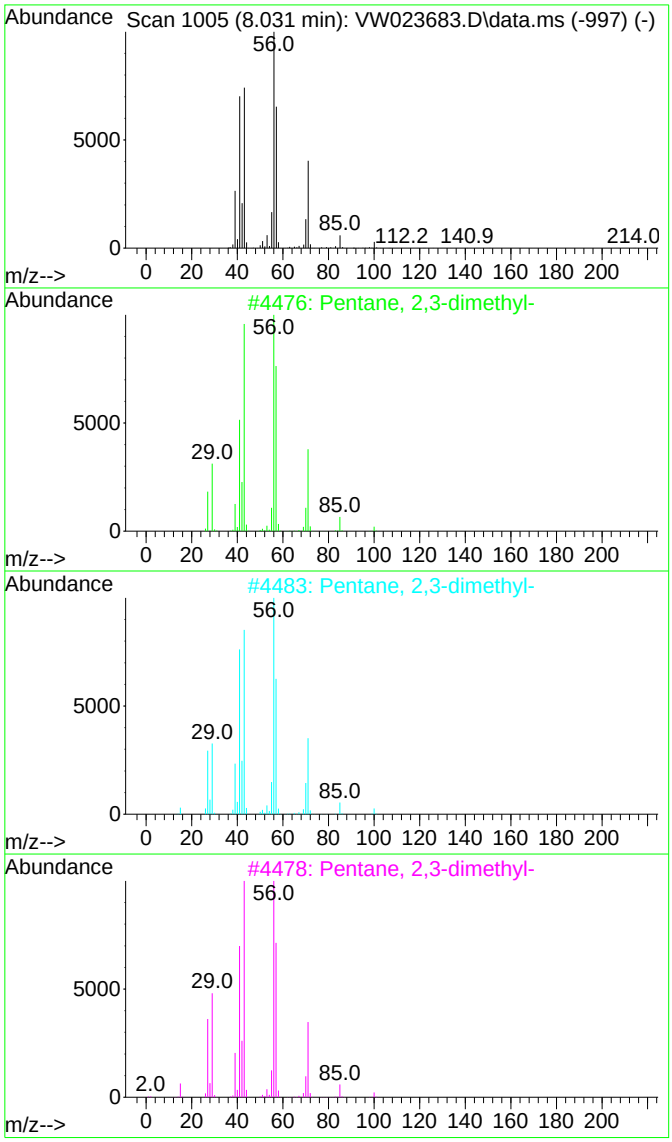
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

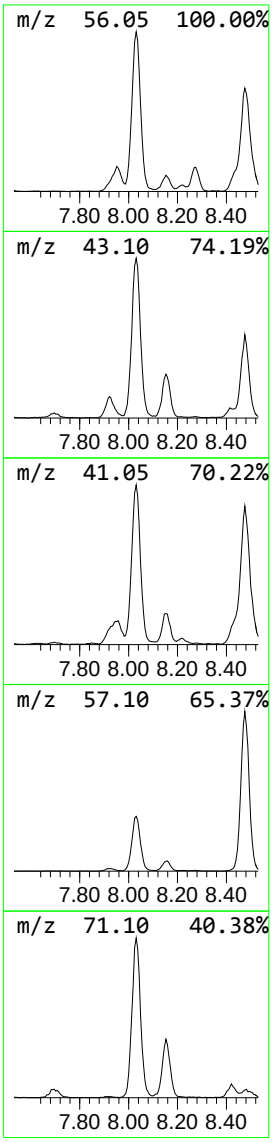
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	57.46 ug/L	1478150	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

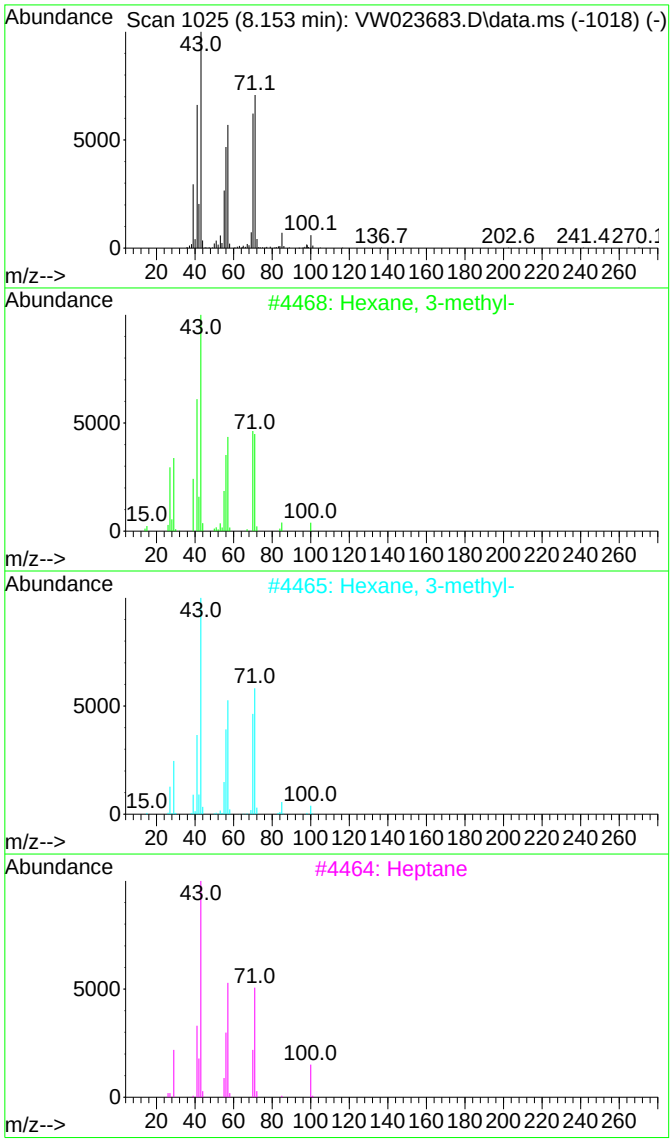
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

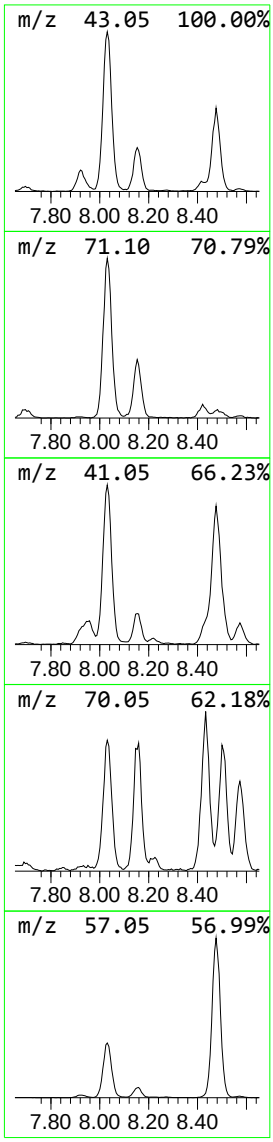
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	11.38 ug/L	292775	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	Heptane	100	C7H16	000142-82-5	80
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64





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Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

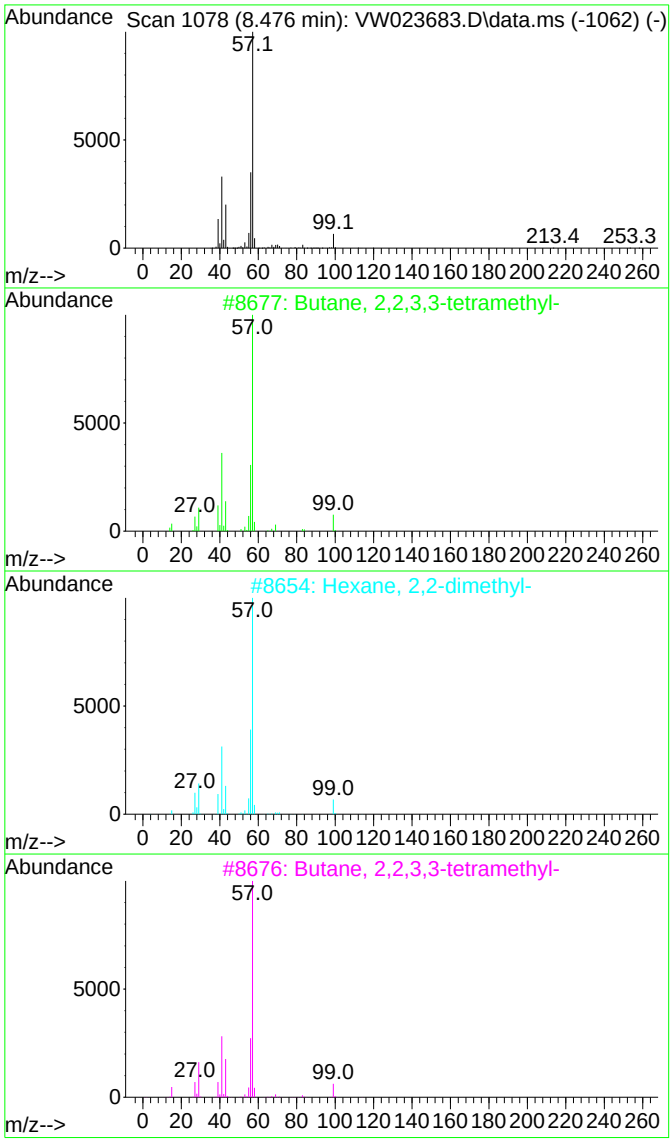
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

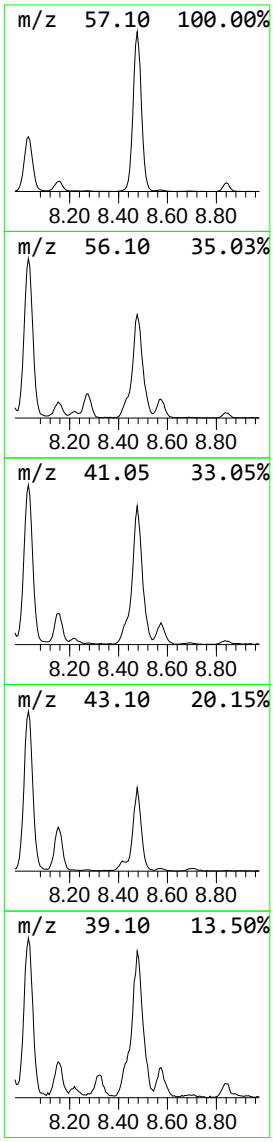
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	69.94 ug/L	1799240	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

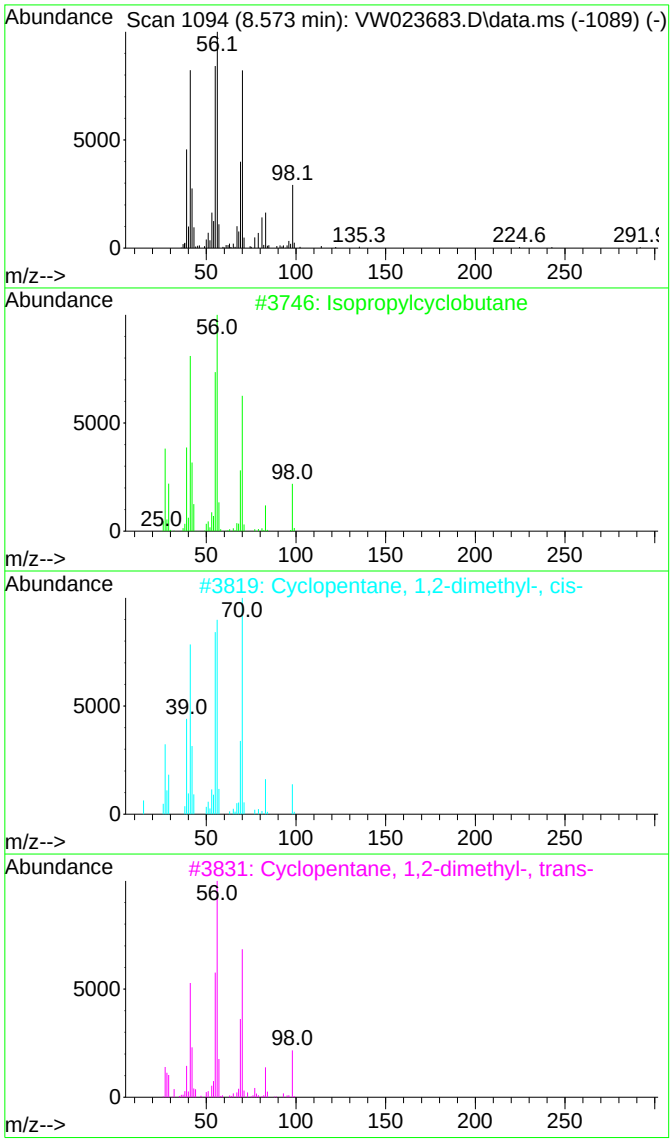
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

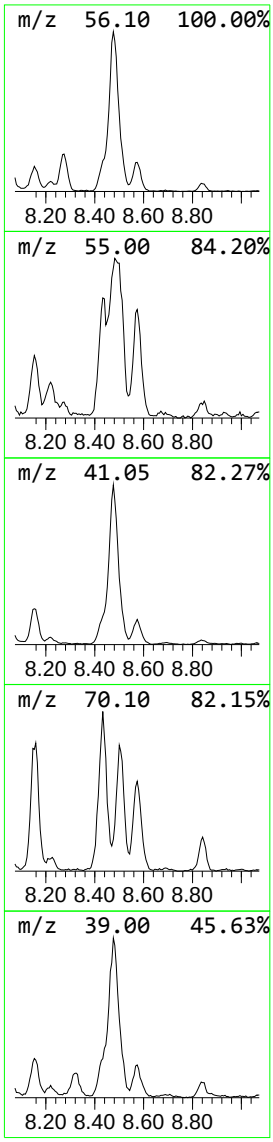
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.573 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	8.57 ug/L	220387	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	87
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

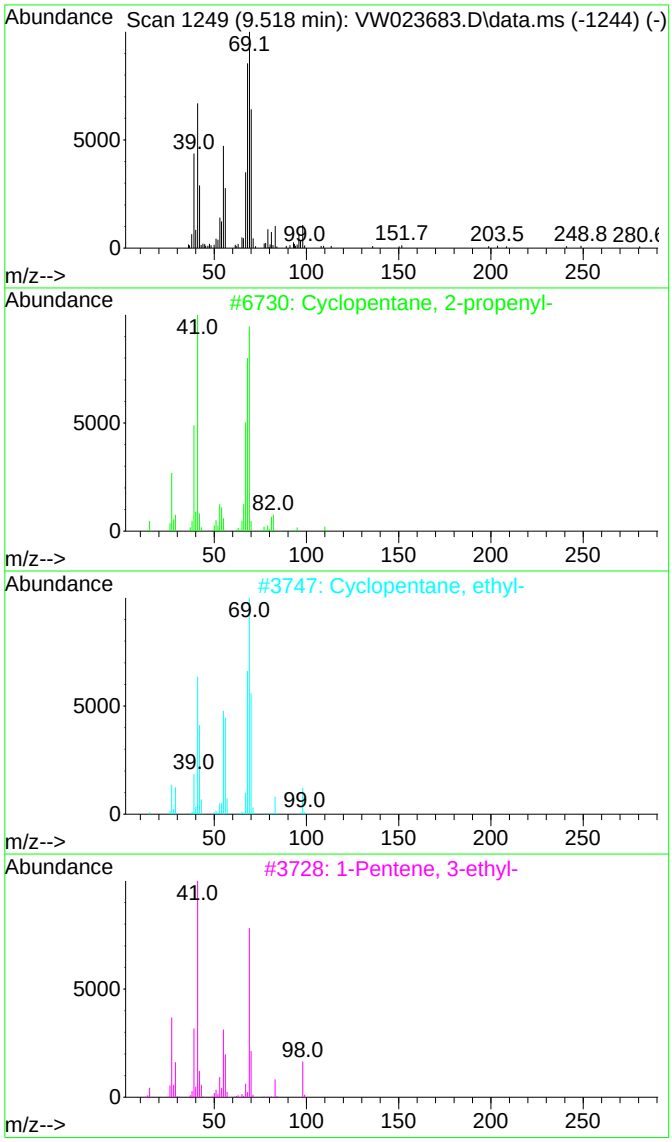
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

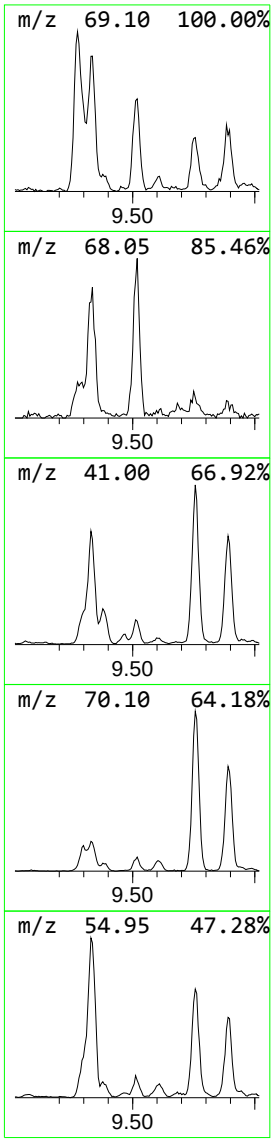
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, 2-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	3.41 ug/L	87801	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	50
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	41
4	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	38
5	2-Hexenal, (E)-	98	C6H10O	006728-26-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

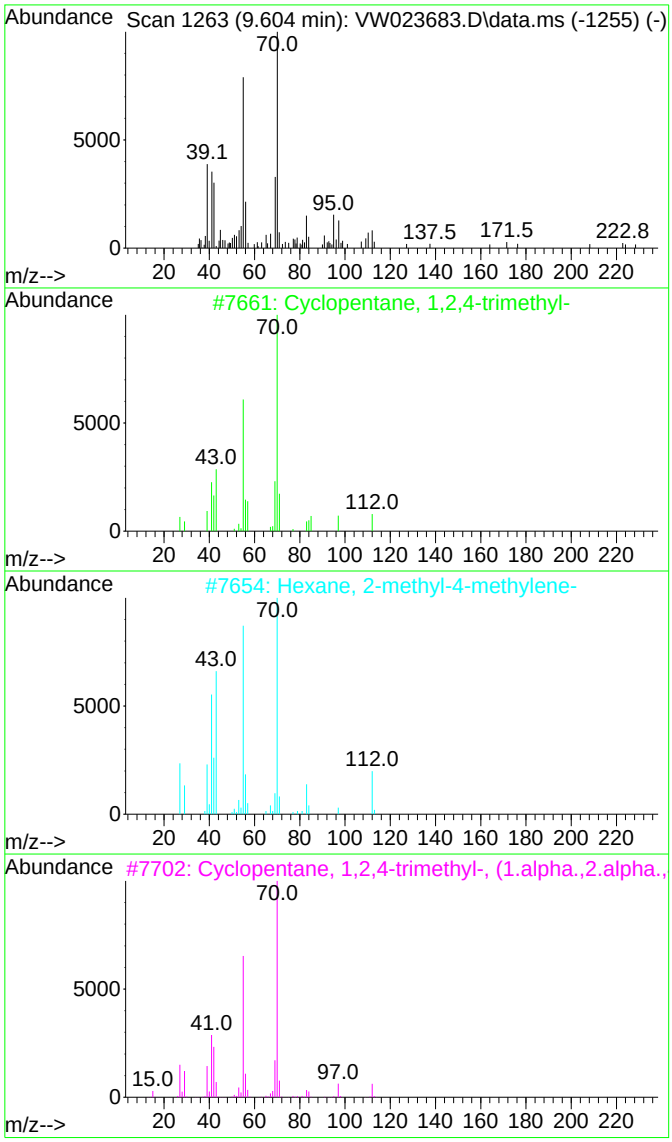
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

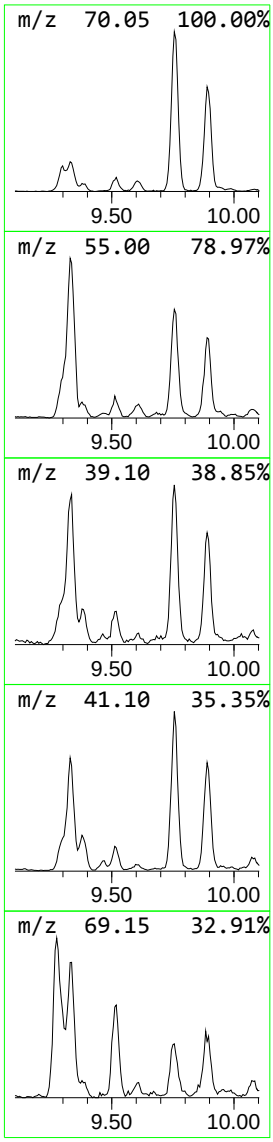
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.604 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	1.49 ug/L	38328	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	64
2	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	59
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	58
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	58
5	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

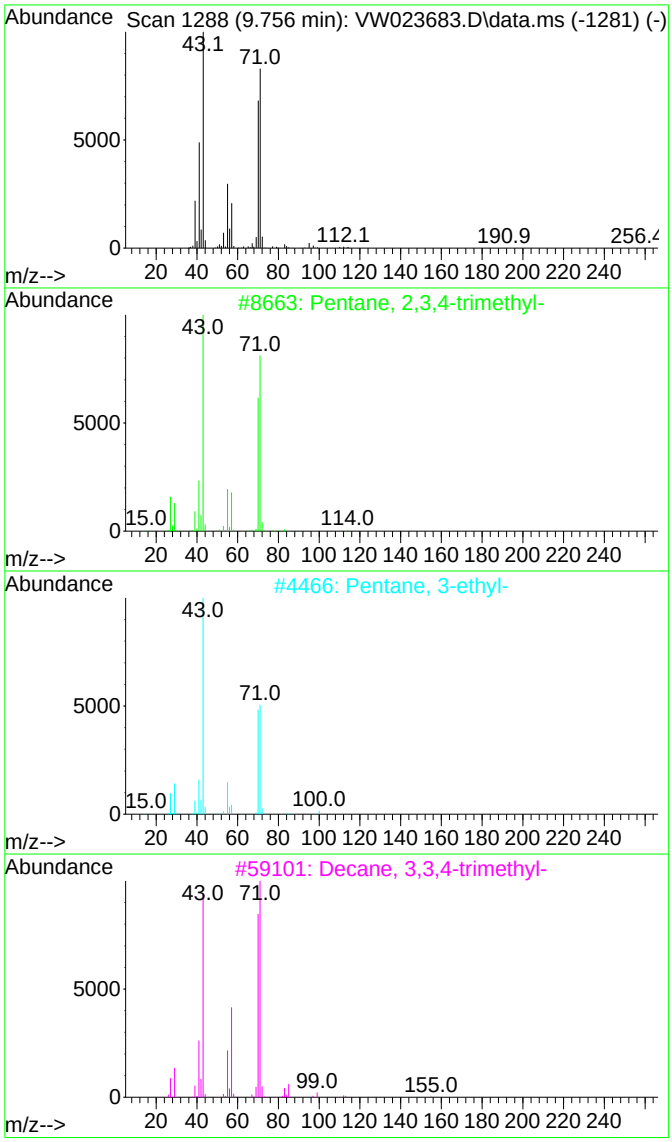
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

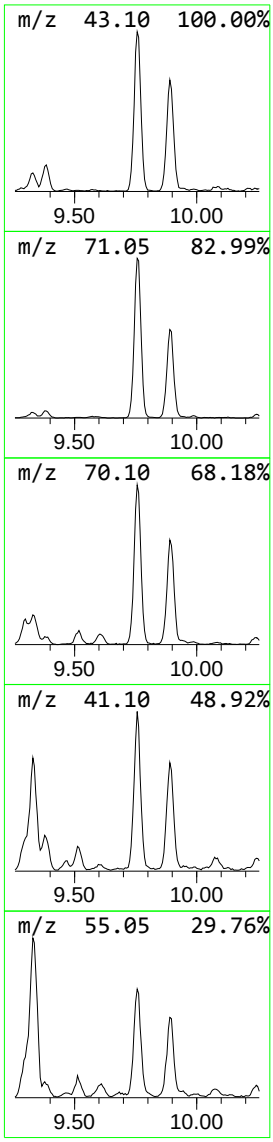
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	25.97 ug/L	668041	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

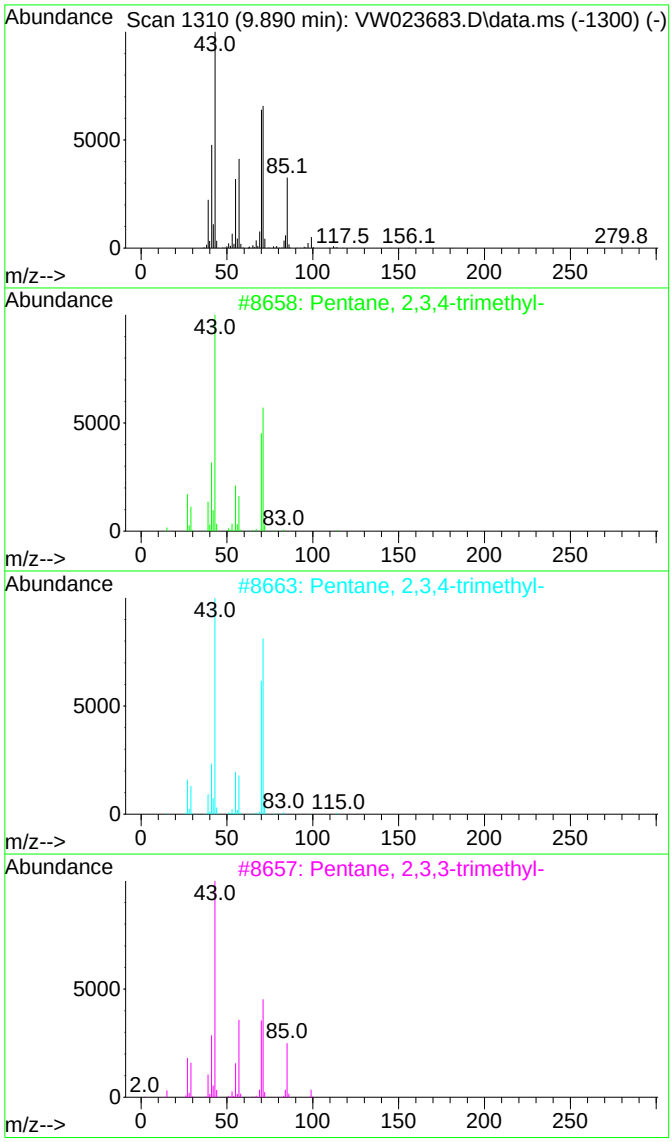
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

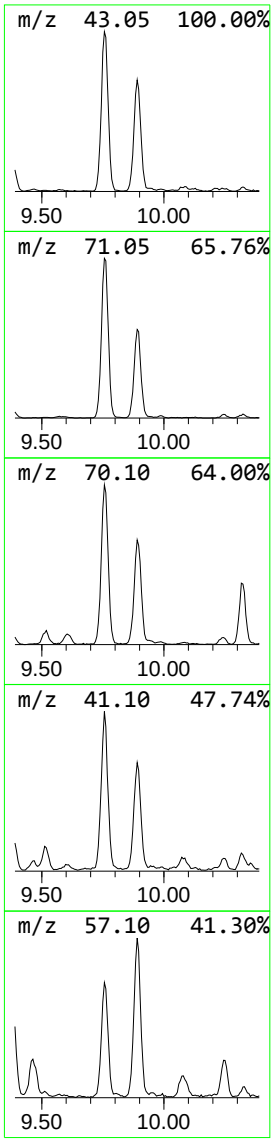
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	20.65 ug/L	531127	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

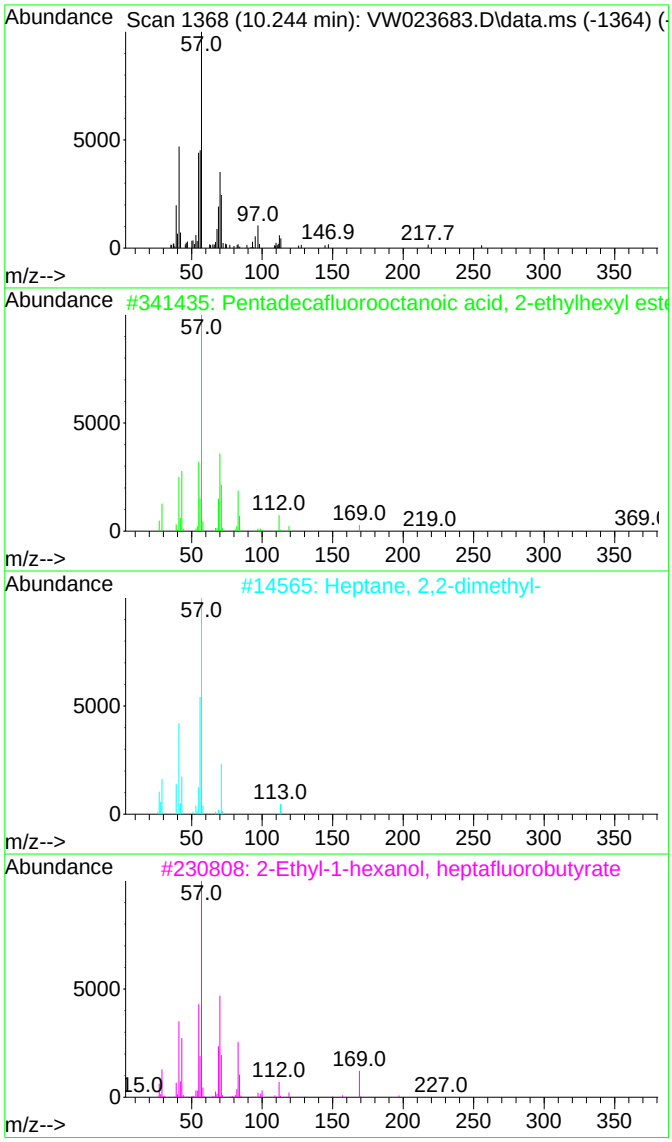
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

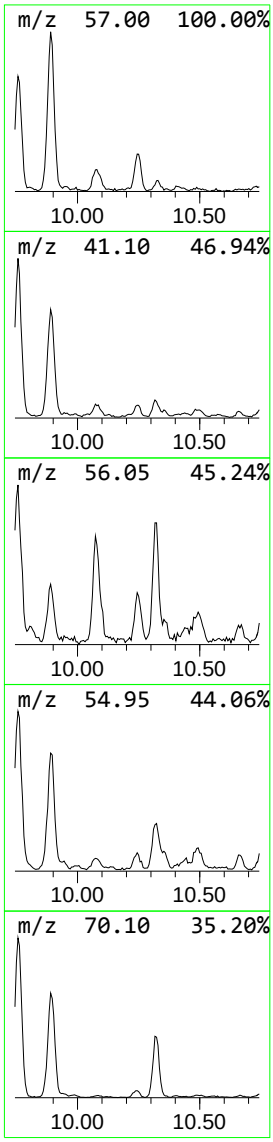
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.244	1.69 ug/L	44561	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	47
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
3	2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	43
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	43
5	Acetic acid, trichloro-, heptyl ...	260	C9H15Cl3O2	065611-31-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

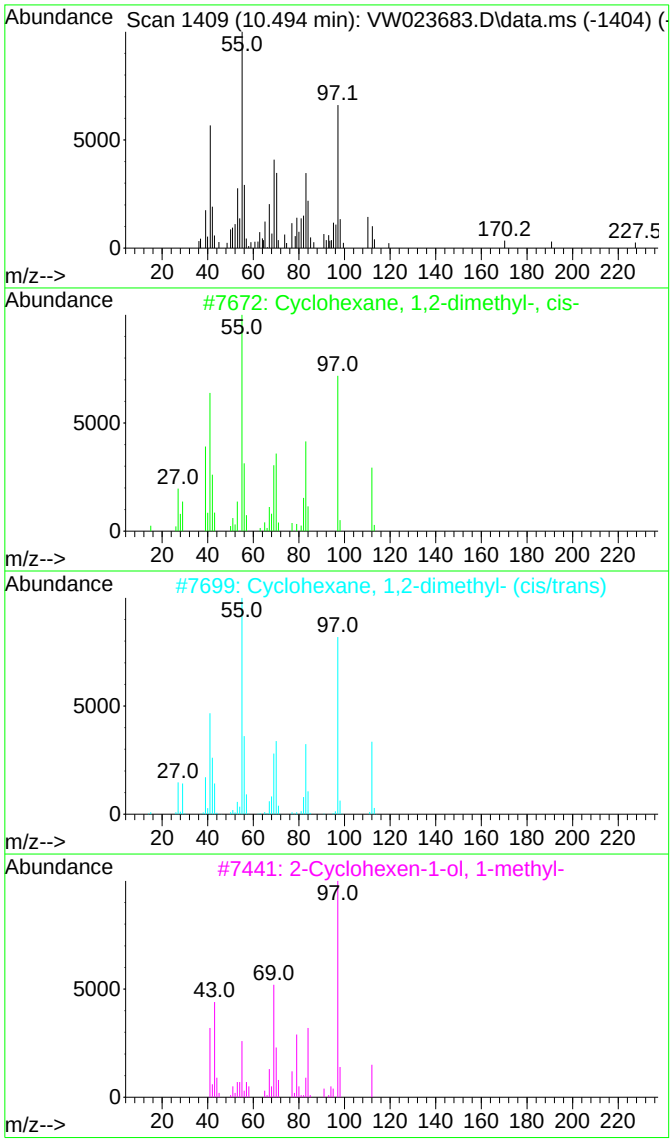
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

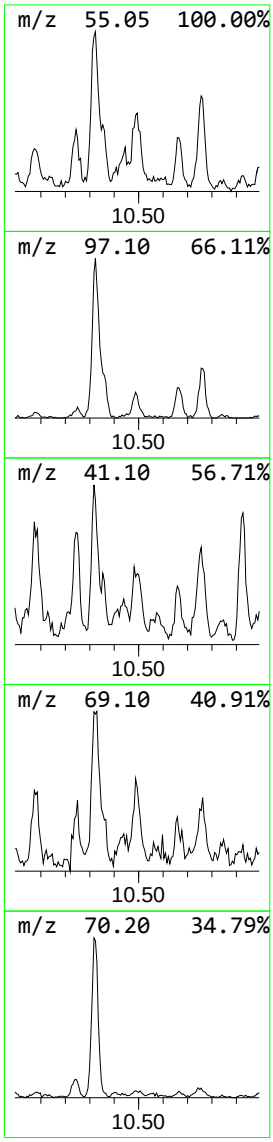
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic10.494 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.494	1.68 ug/L	44292	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	52
3	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	49
4	Cyclododecane	168	C12H24	000294-62-2	47
5	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

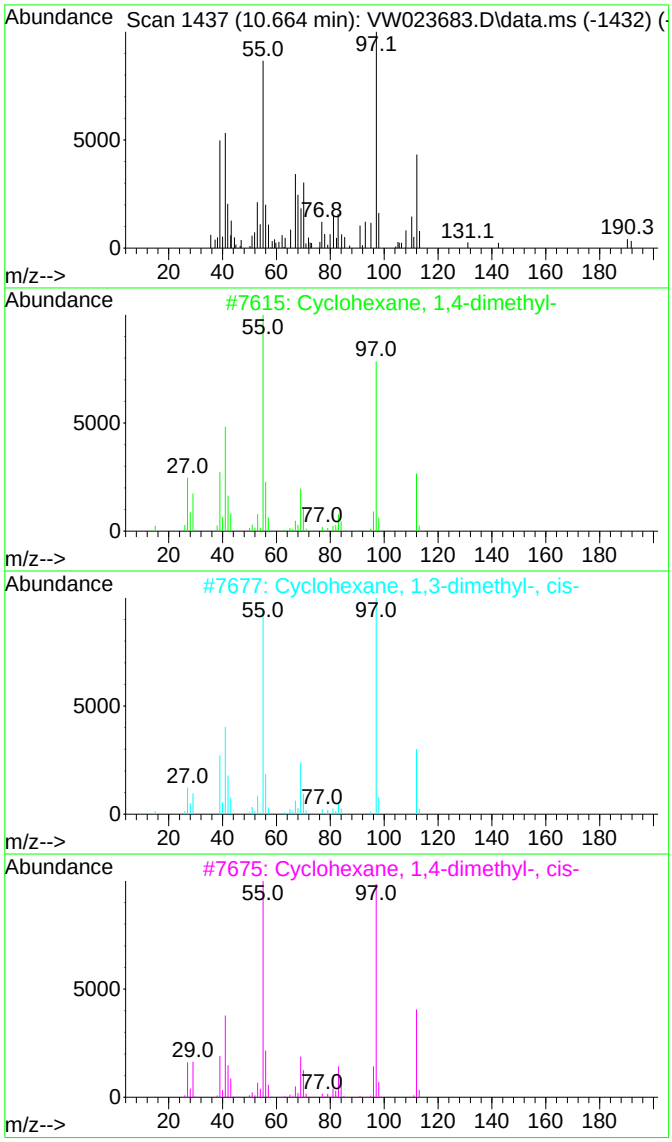
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

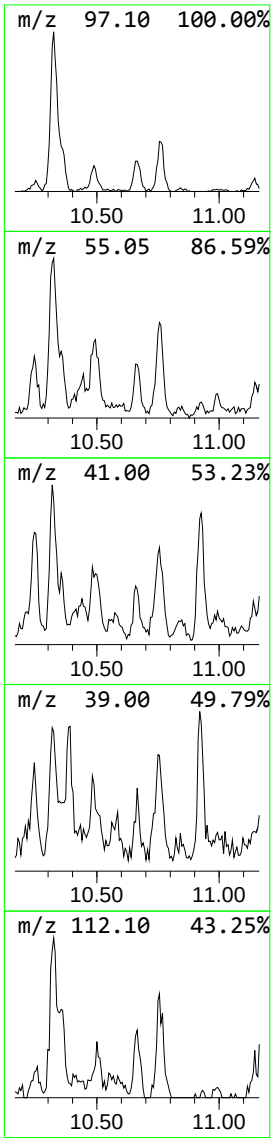
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic10.664 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	1.33 ug/L	35172	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	53
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	52
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	52
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

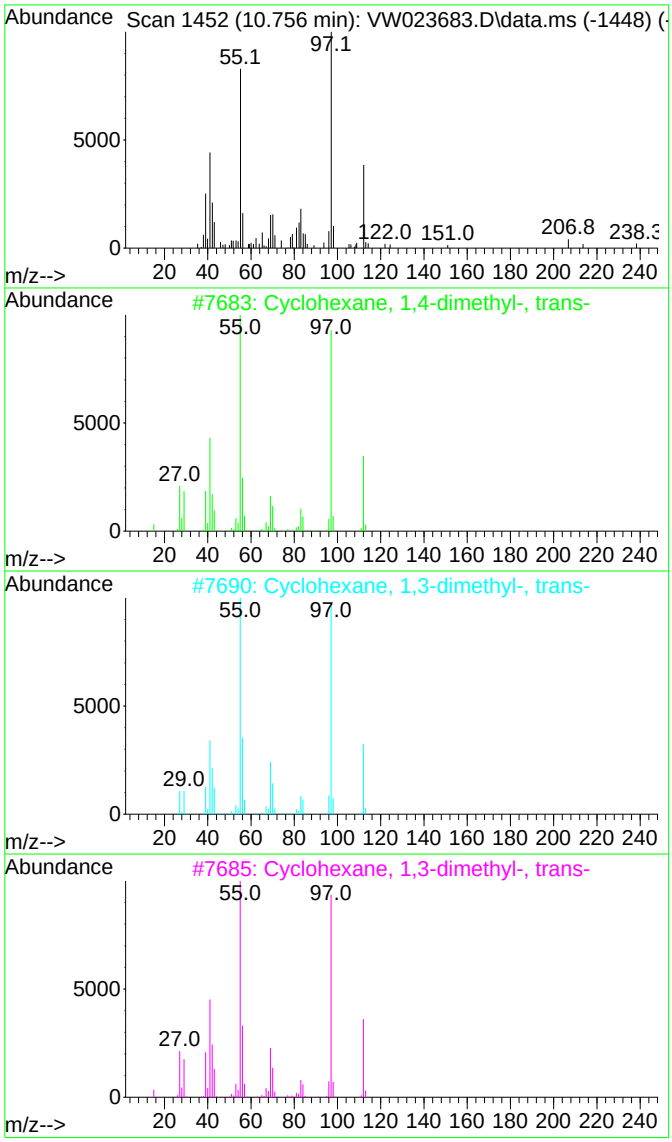
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

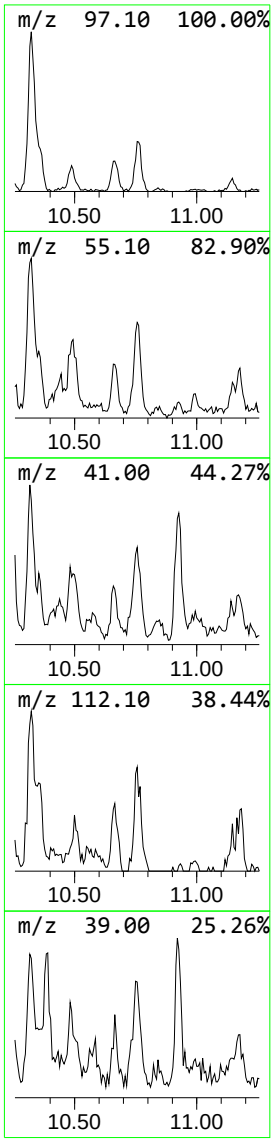
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.756 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	2.44 ug/L	64624	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	86





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Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

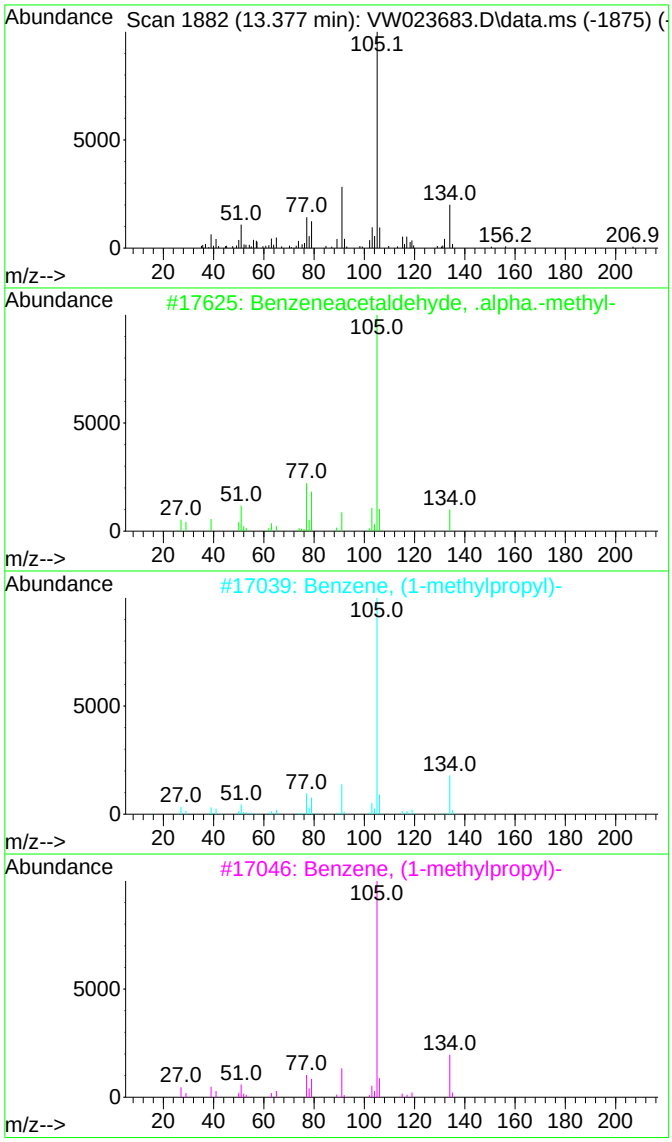
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

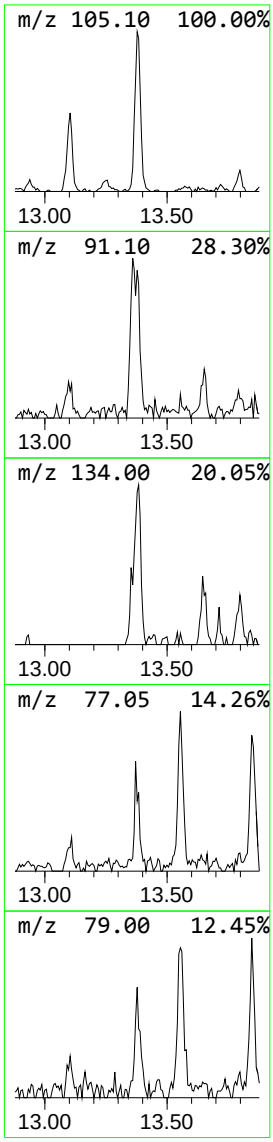
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzeneacetaldehyde, .alpha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	3.09 ug/L	61521	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

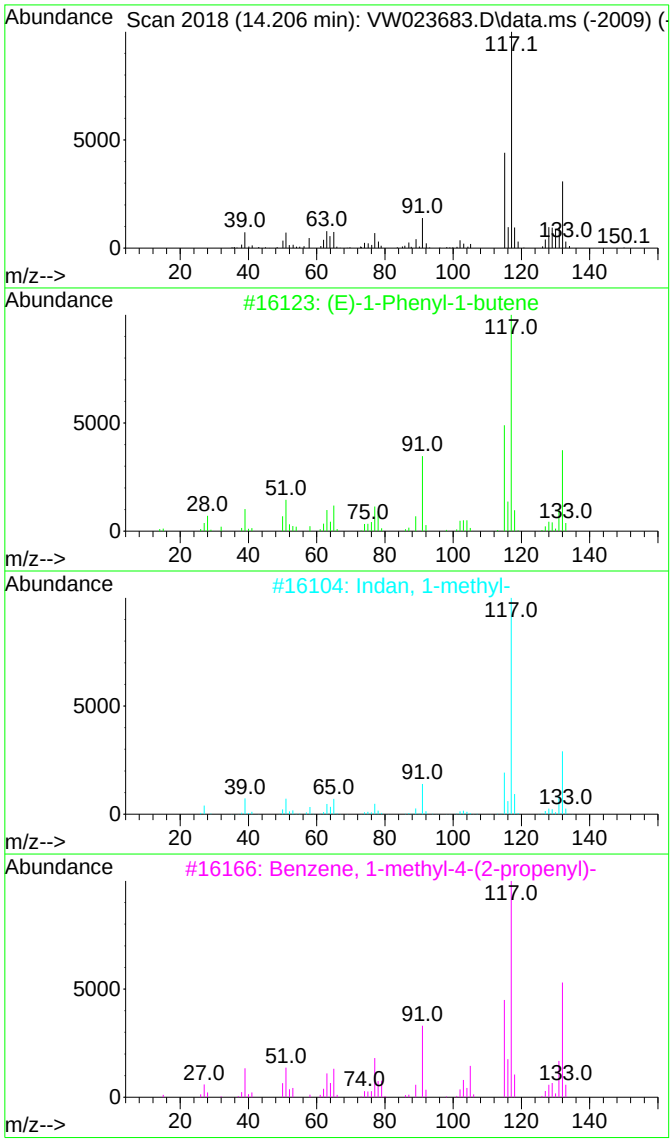
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

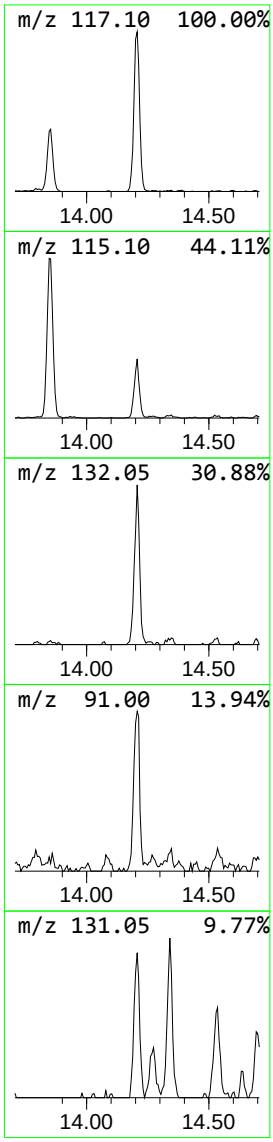
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (E)-1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	6.58 ug/L	130866	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74
4	Indan, 1-methyl-	132	C10H12	000767-58-8	70
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

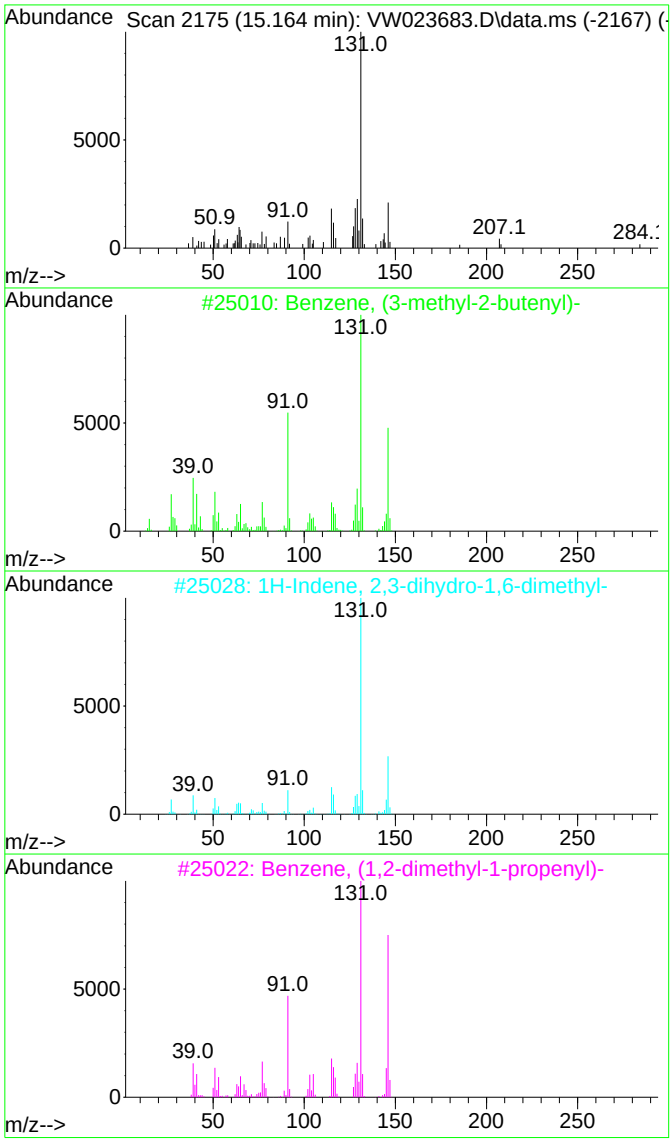
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

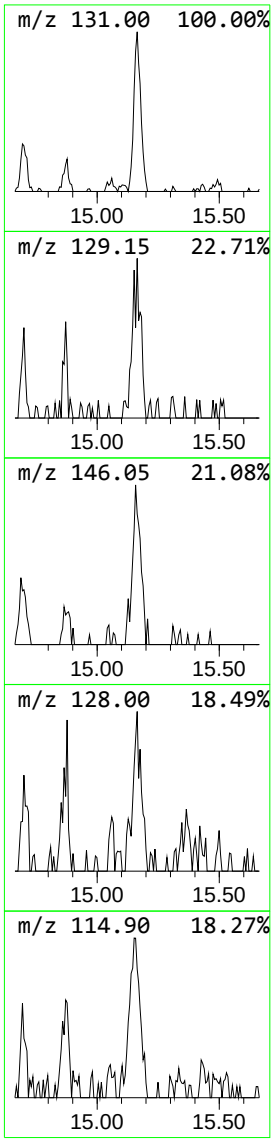
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	1.51 ug/L	30030	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	72
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
Acq On : 14 Jul 2022 07:10
Operator : SY/VA
Sample : N3698-03
Misc : 6.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B68

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.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
(DEL) Alkane: S...	3.019	3.6	ug/L	93097	1	8.842	643098	25.0
2-Ethyl-oxetane	5.940	5.0	ug/L	128400	1	8.842	643098	25.0
(DEL) Alkane: S...	6.872	11.0	ug/L	282524	1	8.842	643098	25.0
(DEL) Alkane: C...	6.982	14.9	ug/L	382710	1	8.842	643098	25.0
(DEL) Alkane: S...	8.031	57.5	ug/L	1478150	1	8.842	643098	25.0
(DEL) Alkane: S...	8.153	11.4	ug/L	292775	1	8.842	643098	25.0
(DEL) Alkane: S...	8.476	69.9	ug/L	1799240	1	8.842	643098	25.0
(DEL) Alkane: C...	8.573	8.6	ug/L	220387	1	8.842	643098	25.0
Cyclopentane, 2...	9.518	3.4	ug/L	87801	1	8.842	643098	25.0
(DEL) Alkane: C...	9.604	1.5	ug/L	38328	1	8.842	643098	25.0
(DEL) Alkane: S...	9.756	26.0	ug/L	668041	1	8.842	643098	25.0
(DEL) Alkane: S...	9.890	20.6	ug/L	531127	1	8.842	643098	25.0
unknown-01	10.244	1.7	ug/L	44561	2	11.628	660989	25.0
(DEL) Alkane: C...	10.494	1.7	ug/L	44292	2	11.628	660989	25.0
(DEL) Alkane: C...	10.664	1.3	ug/L	35172	2	11.628	660989	25.0
(DEL) Alkane: C...	10.756	2.4	ug/L	64624	2	11.628	660989	25.0
Benzeneacetalde...	13.377	3.1	ug/L	61521	3	13.554	497373	25.0
(E)-1-Phenyl-1-...	14.206	6.6	ug/L	130866	3	13.554	497373	25.0
Benzene, (3-met...	15.164	1.5	ug/L	30030	3	13.554	497373	25.0