LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

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\SFAMWLM020122SMA.M
Title : SFAM01.0

Signal : TIC: VW022031.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.190	44	47	48	rBV2	1624	1478	0.00%	0.001%
2	2.349	65	73	82	rVB	46473	80249	0.10%	0.052%
3	2.477	91	94	95	rBV3	1321	1428	0.00%	0.001%
4	2.648	115	122	127	rBV7	3617	10599	0.01%	0.007%
5	2.879	154	160	168	rVB	25213	50086	0.06%	0.033%
6	3.379	239	242	250	rVB4	605	1177	0.00%	0.001%
7	3.550	260	270	276	rBV	5330	14200	0.02%	0.009%
8	4.013	332	346	356	rBV	54703	156972	0.20%	0.102%
9	4.117	356	363	378	rVB	57909	156094	0.20%	0.102%
10	4.397	398	409	426	rBV	94866	289826	0.37%	0.189%
11	4.909	486	493	500	rBV4	1188	2902	0.00%	0.002%
12	5.159	523	534	536	rBV6	4754	10328	0.01%	0.007%
13	5.781	630	636	640	rBV5	381	904	0.00%	0.001%
14	5.940	655	662	664	rBV4	642	975	0.00%	0.001%
15	6.897	809	819	832	rBV4	6525	19189	0.02%	0.013%
16	7.080	839	849	854	rBV	12504	34220	0.04%	0.022%
17	7.165	855	863	876	rVV2	43481	128860	0.16%	0.084%
18	7.494	908	917	931	rVV3	40033	103980	0.13%	0.068%
19	7.647	932	942	956	rVV	70462	177838	0.23%	0.116%
20	8.153	1020	1025	1031	rBV5	883	1786	0.00%	0.001%
21	8.275	1034	1045	1060	rBV2	157132	460142	0.59%	0.300%
22	8.695	1107	1114	1122	rBV2	8104	16531	0.02%	0.011%
23	8.842	1129	1138	1151	rBV	172991	337772	0.43%	0.220%
24	9.024	1159	1168	1201	rBV2	490351	1130205	1.44%	0.737%
25	9.280	1202	1210	1216	rBV	518424	998608	1.27%	0.651%
26	9.384	1223	1227	1235	rVB	18335	35157	0.04%	0.023%
27	9.512	1244	1248	1252	rVB3	2535	3983	0.01%	0.003%
28	9.591	1252	1261	1273	rVB2	49422	111413	0.14%	0.073%
29	9.689	1274	1277	1281	rVB2	2176	2481	0.00%	0.002%
30	9.750	1281	1287	1299	rVB3	12753	29107	0.04%	0.019%
31	9.896	1302	1311	1315	rBV	37266	73787	0.09%	0.048%
32	9.957	1315	1321	1325	rBV	178490	343672	0.44%	0.224%
33	10.030	1330	1333	1337	rVV	40565	62755	0.08%	0.041%
34	10.097	1337	1344	1355	rVB	203055	447127	0.57%	0.291%
35	10.207	1355	1362	1373	rBV	1452280	2475844	3.16%	1.613%
36	10.323	1373	1381	1385	rBV	484213	945096	1.20%	0.616%

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Instrument :
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ClientSampleId :
C0VE4

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\SFAMWLM020122SMA.M
Title : SFAM01.0

37	10.384	1385	1391	1398	rVB	2400146	4258167	5.43%	2.775%
38	10.445	1398	1401	1404	rVB	7148	7357	0.01%	0.005%
39	10.500	1404	1410	1416	rVB	430836	726034	0.93%	0.473%
40	10.573	1416	1422	1428	rBV2	88163	159383	0.20%	0.104%
41	10.664	1431	1437	1446	rVB	146121	272160	0.35%	0.177%
42	10.762	1446	1453	1462	rBV	138857	272563	0.35%	0.178%
43	10.841	1462	1466	1472	rVB2	24025	39606	0.05%	0.026%
44	10.927	1472	1480	1487	rBV2	86550	166589	0.21%	0.109%
45	11.036	1487	1498	1499	rBV2	32889	55022	0.07%	0.036%
46	11.109	1506	1510	1513	rBV2	57612	99563	0.13%	0.065%
47	11.176	1513	1521	1526	rVV2	207109	433628	0.55%	0.283%
48	11.225	1526	1529	1535	rVB	78565	131251	0.17%	0.086%
49	11.280	1535	1538	1542	rVB3	11662	15585	0.02%	0.010%
50	11.335	1542	1547	1551	rBV3	41011	66858	0.09%	0.044%
51	11.433	1551	1563	1571	rVB6	114804	372055	0.47%	0.242%
52	11.512	1571	1576	1581	rBV	69371	106465	0.14%	0.069%
53	11.554	1581	1583	1588	rVB6	3337	4350	0.01%	0.003%
54	11.628	1588	1595	1602	rBV	239182	421702	0.54%	0.275%
55	11.731	1605	1612	1621	rVV	14203497	20131341	25.66%	13.119%
56	11.835	1621	1629	1640	rVV2	33317293	78452475	100.00%	51.127%
57	11.920	1640	1643	1648	rVB2	50070	75531	0.10%	0.049%
58	12.018	1655	1659	1661	rBV3	7255	11966	0.02%	0.008%
59	12.164	1671	1683	1690	rBV	22255439	32756909	41.75%	21.347%
60	12.231	1690	1694	1701	rVB	999134	1484198	1.89%	0.967%
61	12.310	1701	1707	1714	rBV5	67151	172890	0.22%	0.113%
62	12.457	1727	1731	1737	rBV	100248	159604	0.20%	0.104%
63	12.603	1751	1755	1760	rVB	56412	82409	0.11%	0.054%
64	12.646	1760	1762	1764	rBV	8524	8284	0.01%	0.005%
65	12.688	1764	1769	1773	rBV	79080	126585	0.16%	0.082%
66	12.798	1780	1787	1792	rVB	87527	165267	0.21%	0.108%
67	12.865	1792	1798	1801	rBV	341259	567159	0.72%	0.370%
68	12.896	1801	1803	1806	rVV	163050	245945	0.31%	0.160%
69	12.932	1806	1809	1815	rVV2	257573	474701	0.61%	0.309%
70	12.987	1815	1818	1822	rVB2	21995	30891	0.04%	0.020%
71	13.103	1830	1837	1843	rBV	137021	236371	0.30%	0.154%
72	13.164	1843	1847	1854	rVB4	26847	52485	0.07%	0.034%
73	13.249	1855	1861	1866	rBV	399660	637371	0.81%	0.415%
74	13.438	1886	1892	1896	rBV4	32659	63618	0.08%	0.041%
75	13.554	1905	1911	1914	rBV	257483	447104	0.57%	0.291%
76	13.749	1939	1943	1947	rBV2	41548	69800	0.09%	0.045%

LSC Area Percent Report

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Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

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\SFAMWLM020122SMA.M
Title : SFAM01.0

77	13.853	1954	1960	1968	rVB2	199096	428100	0.55%	0.279%
78	13.944	1972	1975	1981	rVB	9003	12440	0.02%	0.008%
79	14.005	1981	1985	1987	rBV2	16389	23995	0.03%	0.016%
80	14.194	2012	2016	2022	rBV3	11566	19713	0.03%	0.013%
81	14.255	2024	2026	2029	rBV4	3086	3819	0.00%	0.002%
82	14.383	2044	2047	2049	rBV3	5537	7787	0.01%	0.005%
83	14.414	2049	2052	2055	rVV	14671	20437	0.03%	0.013%
84	14.450	2055	2058	2063	rVB	22323	31065	0.04%	0.020%
85	14.493	2063	2065	2069	rVB3	3807	3937	0.01%	0.003%
86	14.597	2079	2082	2087	rBV6	1987	3053	0.00%	0.002%
87	14.682	2092	2096	2099	rBV4	4142	7009	0.01%	0.005%
88	14.719	2099	2102	2108	rVB3	11306	15822	0.02%	0.010%
89	14.786	2108	2113	2121	rBV3	15846	35112	0.04%	0.023%
90	14.847	2121	2123	2128	rVB5	2625	4112	0.01%	0.003%
91	14.950	2136	2140	2144	rBV3	3882	5832	0.01%	0.004%
92	15.060	2155	2158	2163	rVV7	2403	3953	0.01%	0.003%
93	15.103	2163	2165	2170	rVB4	1257	1139	0.00%	0.001%
94	15.170	2172	2176	2180	rVB5	1678	2372	0.00%	0.002%
95	15.359	2201	2207	2213	rBV	9713	16940	0.02%	0.011%
96	15.432	2213	2219	2224	rVV	11163	17609	0.02%	0.011%
97	15.676	2257	2259	2263	rVV4	662	954	0.00%	0.001%
98	15.755	2267	2272	2274	rBV4	635	834	0.00%	0.001%
99	15.956	2302	2305	2309	rVB4	662	1142	0.00%	0.001%
100	16.432	2377	2383	2384	rBV4	832	1084	0.00%	0.001%

Sum of corrected areas: 153446273

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
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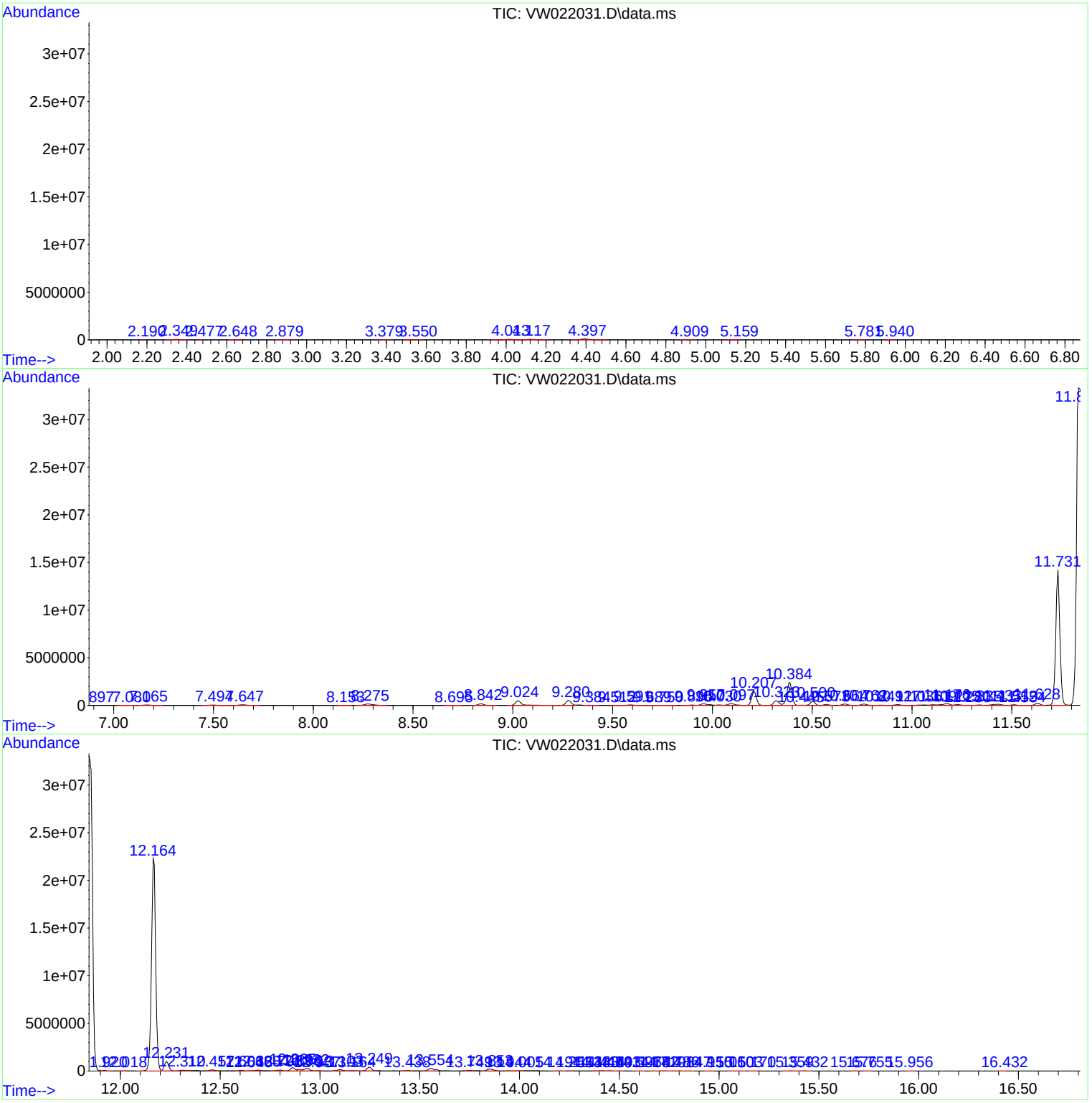
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

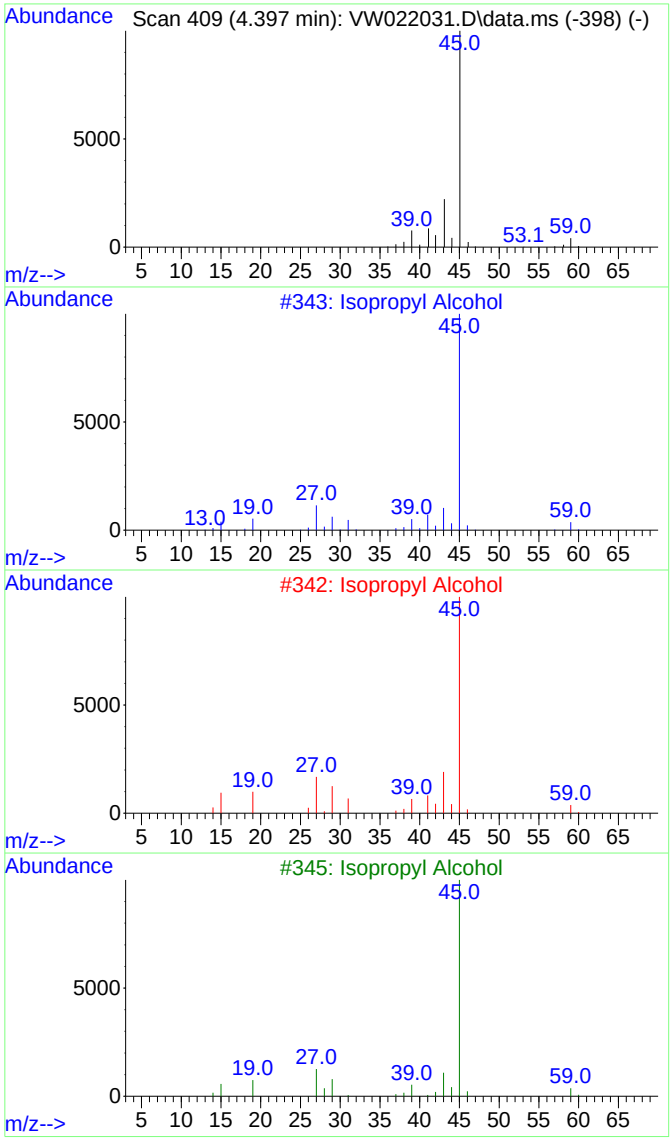
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

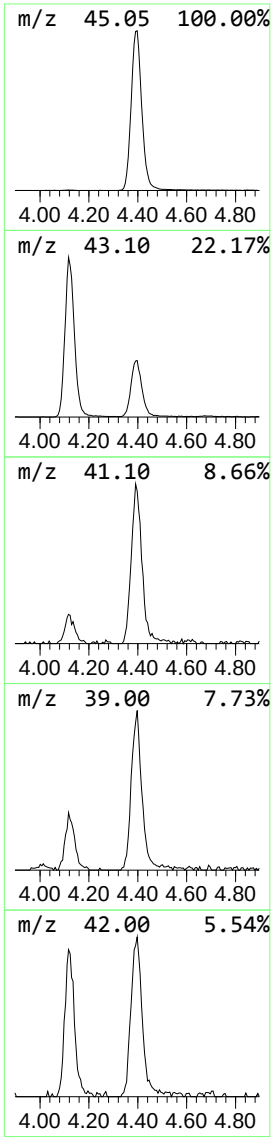
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.397	21.45 ug/L	289826	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

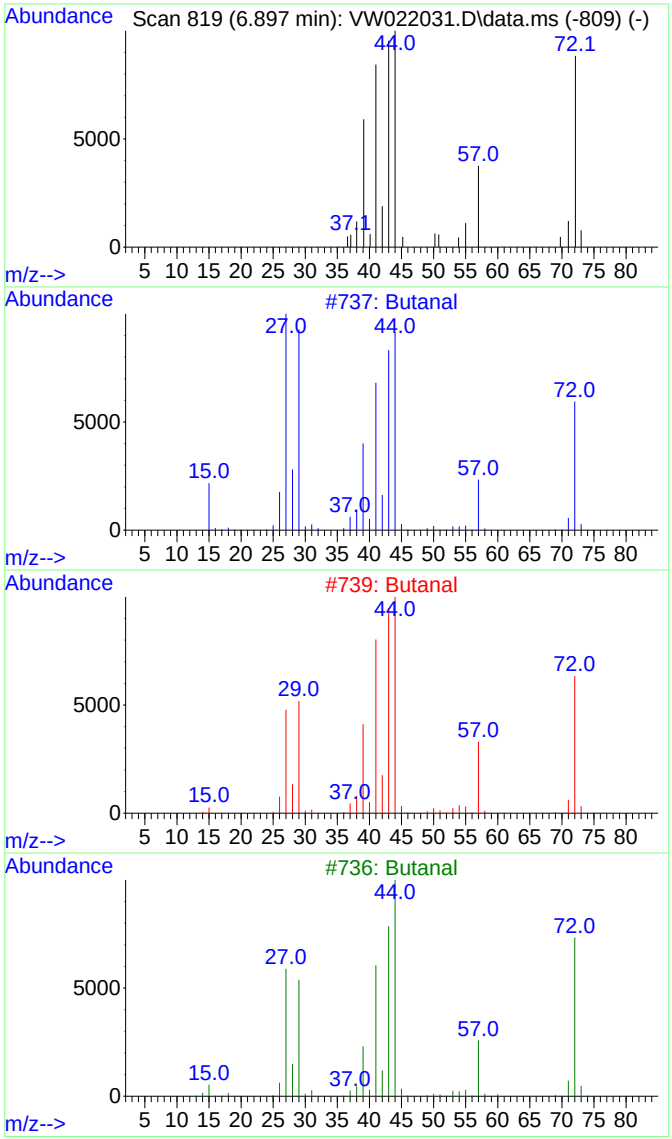
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

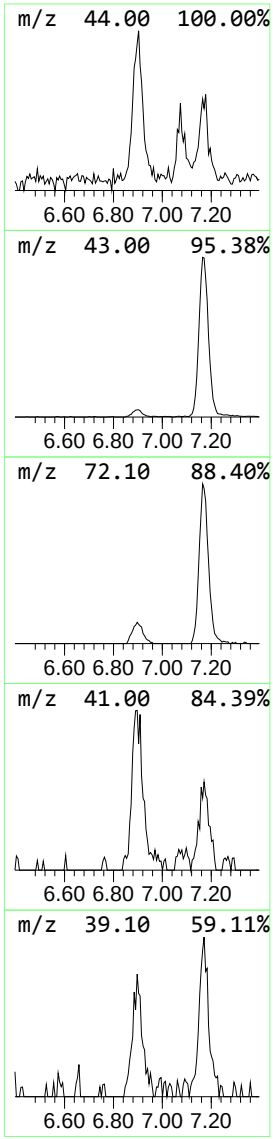
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanal Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.897	1.42 ug/L	19189	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	74
4	Butanal	72	C4H8O	000123-72-8	53
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

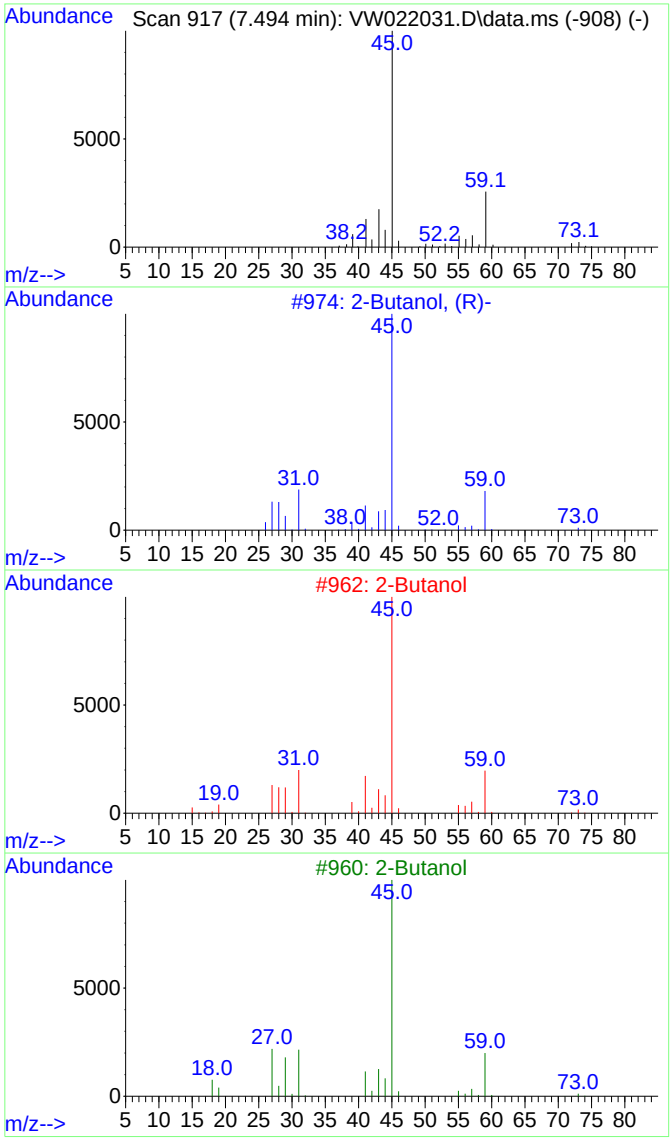
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

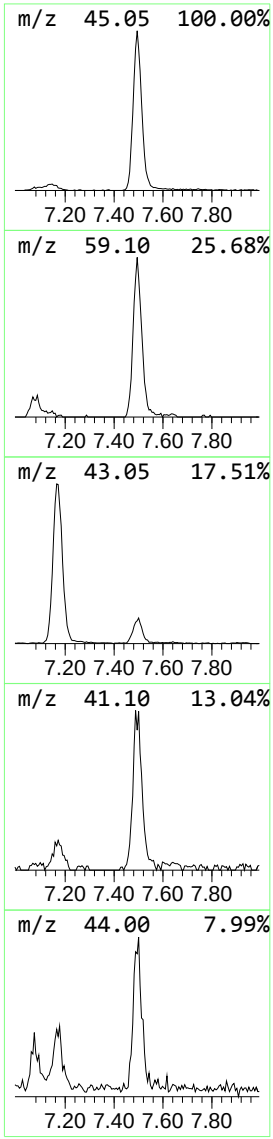
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanol, (R)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	7.70 ug/L	103980	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, (R)-	74	C4H10O	014898-79-4	83
2	2-Butanol	74	C4H10O	000078-92-2	83
3	2-Butanol	74	C4H10O	000078-92-2	74
4	2-Butanol	74	C4H10O	000078-92-2	72
5	2-Butanol, (R)-	74	C4H10O	014898-79-4	72





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Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

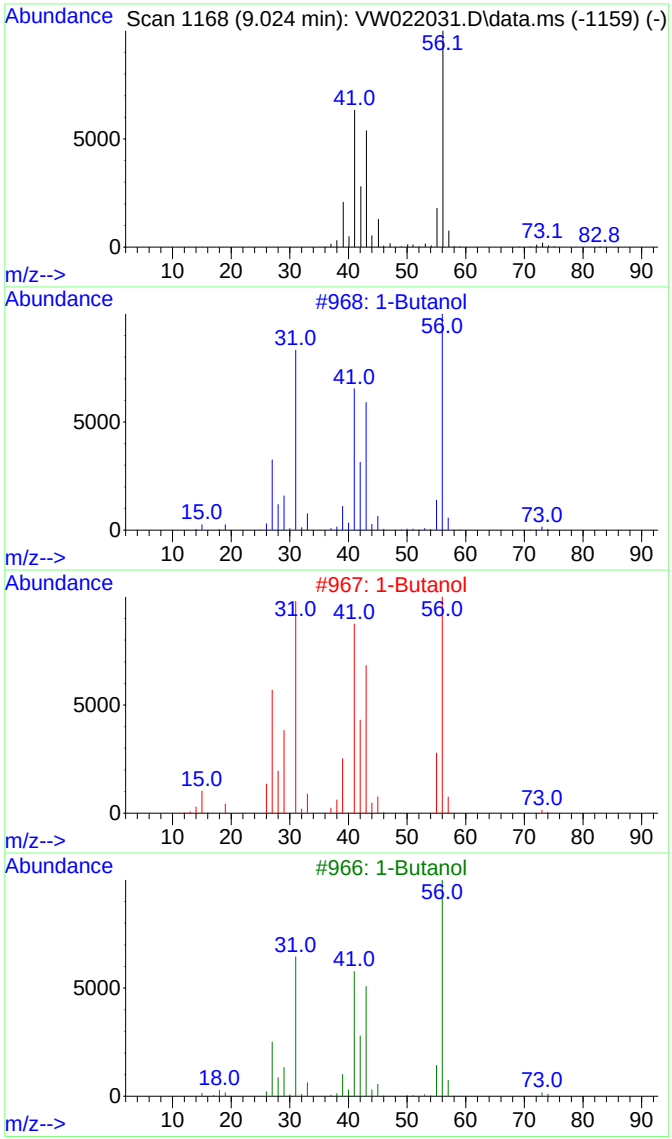
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

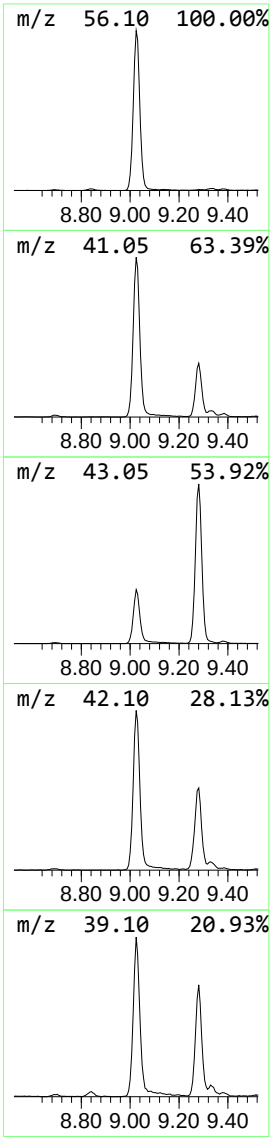
****

Peak Number 4 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.024	83.65 ug/L	1130210	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	86
2	1-Butanol	74	C4H10O	000071-36-3	80
3	1-Butanol	74	C4H10O	000071-36-3	78
4	1-Butanol	74	C4H10O	000071-36-3	52
5	1-Butanol	74	C4H10O	000071-36-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

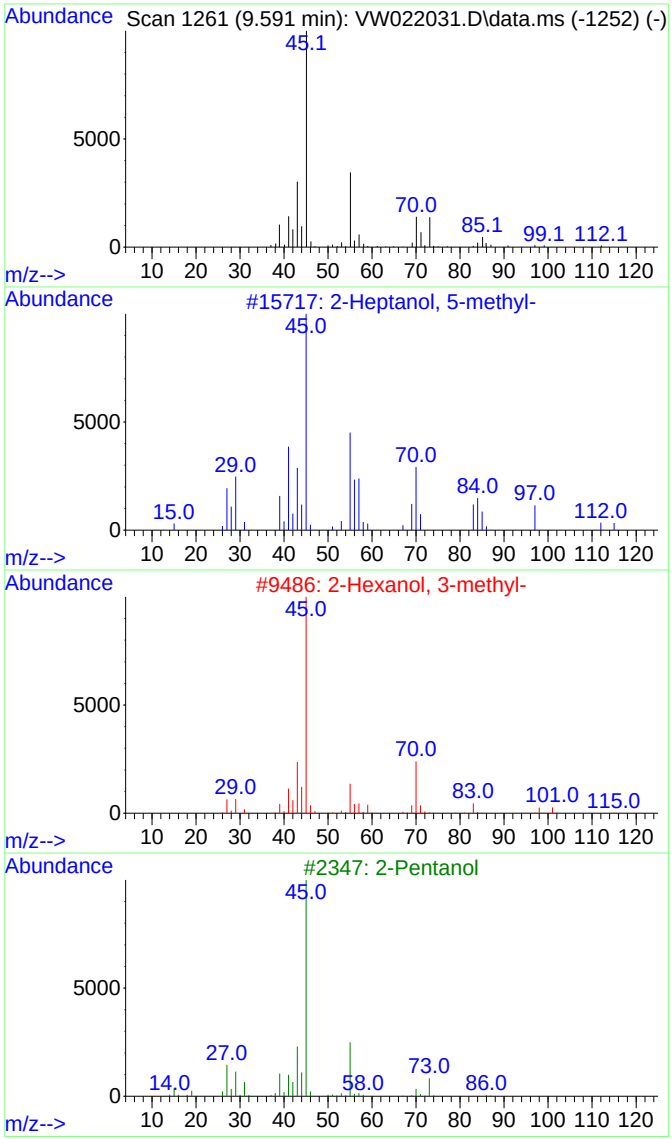
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

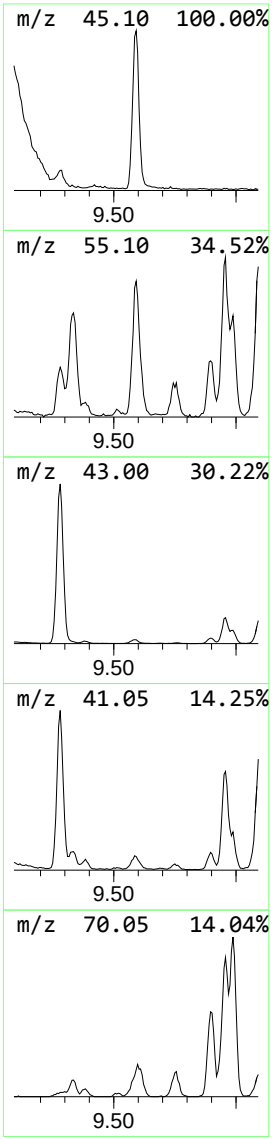
****

Peak Number 5 2-Heptanol, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.591	8.25 ug/L	111413	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol, 5-methyl-	130	C8H18O	054630-50-1	72
2	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	64
3	2-Pentanol	88	C5H12O	006032-29-7	64
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	53
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	53





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

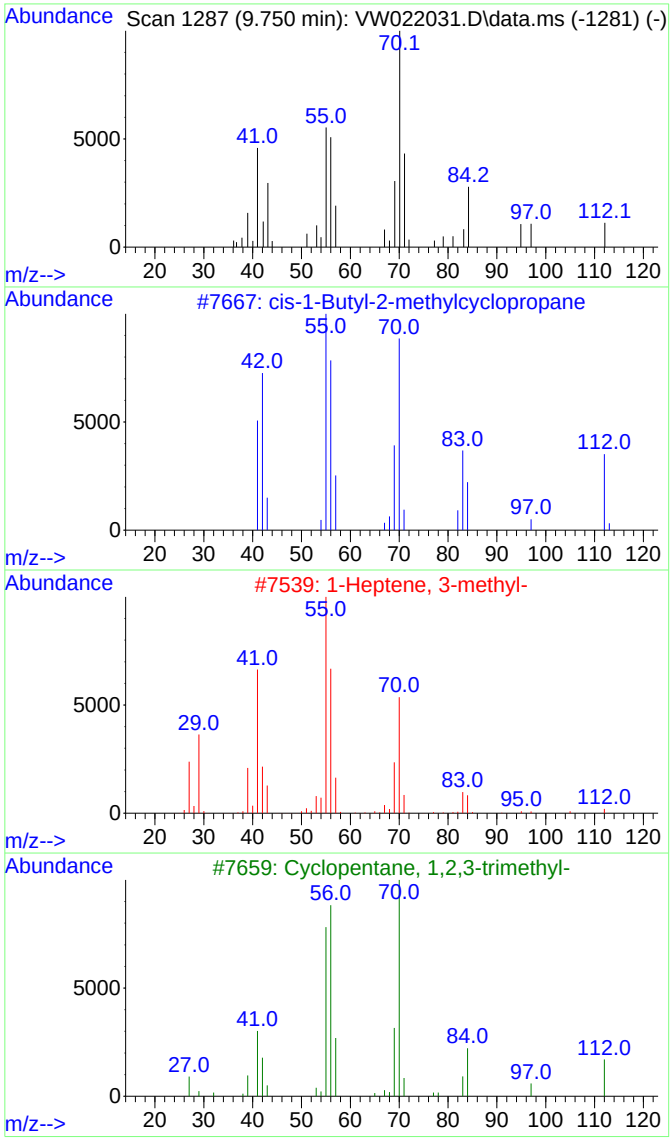
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

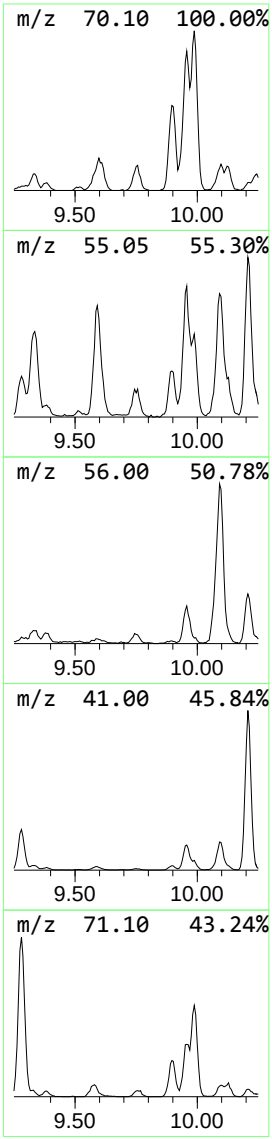
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic9.750 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	2.15 ug/L	29107	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	64
2	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	64
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	53
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	53
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

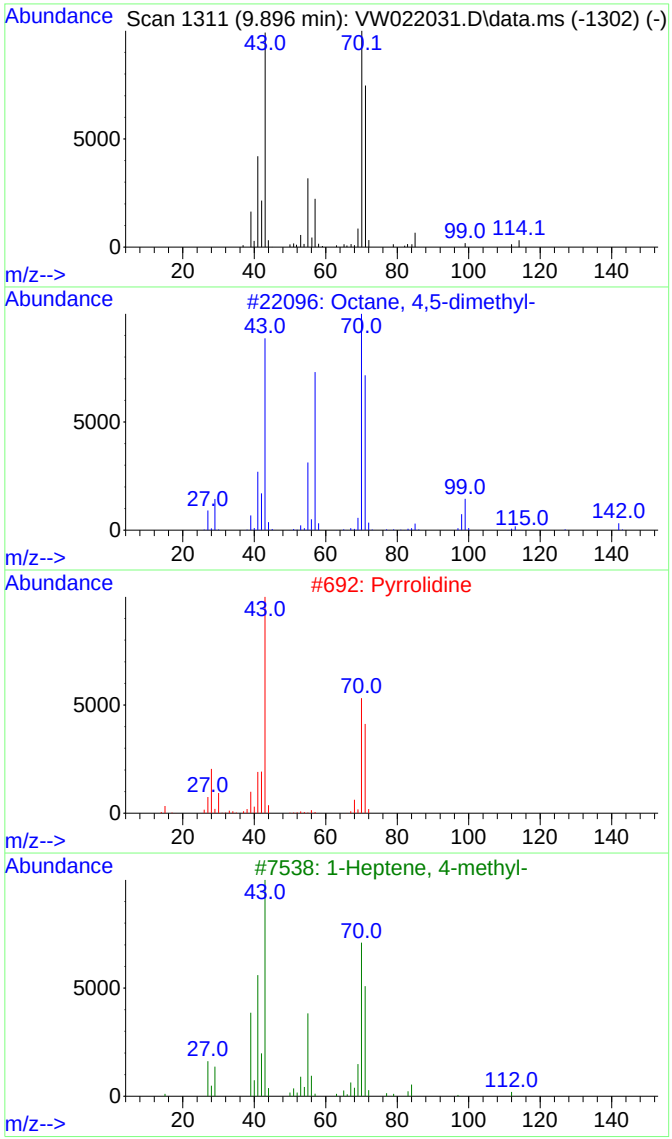
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

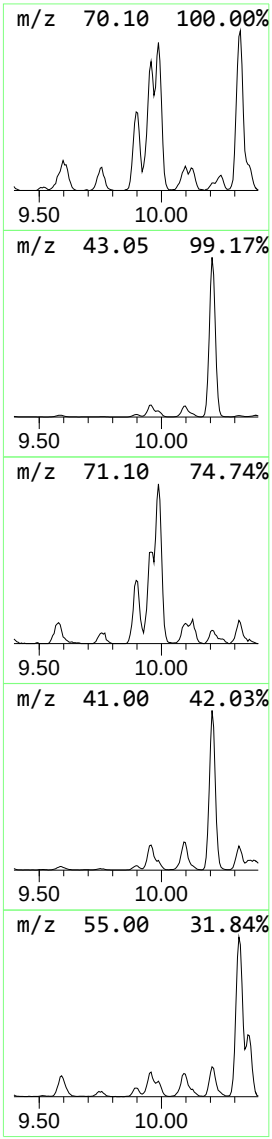
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	5.46 ug/L	73787	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	83
2	Pyrrolidine	71	C4H9N	000123-75-1	78
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	78
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	76
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	74





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

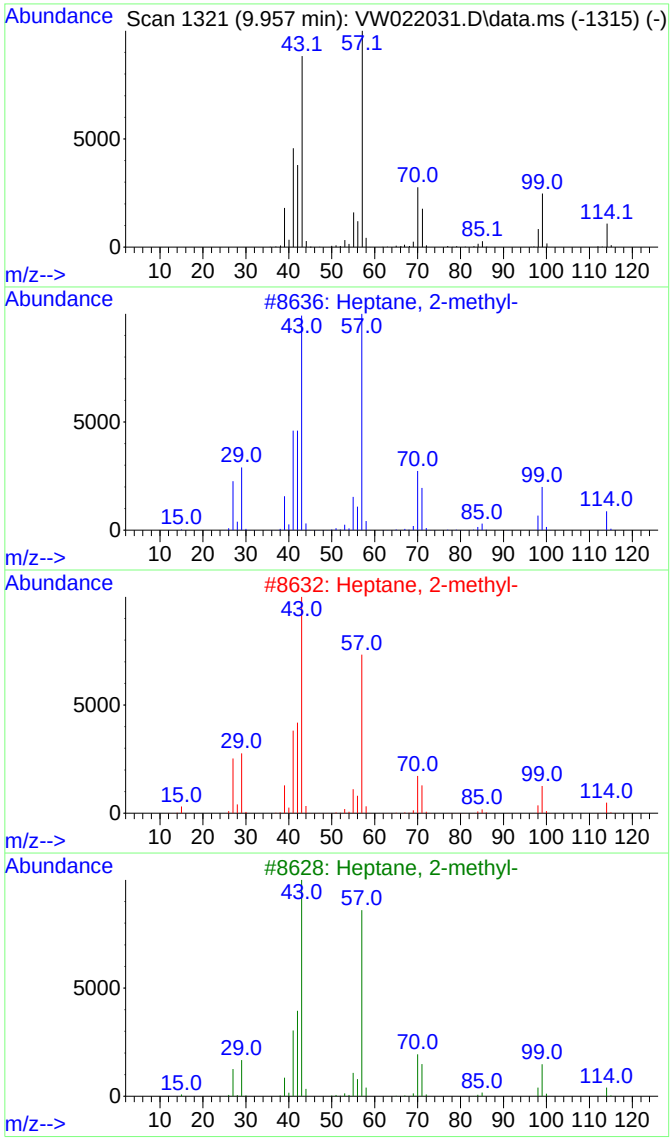
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

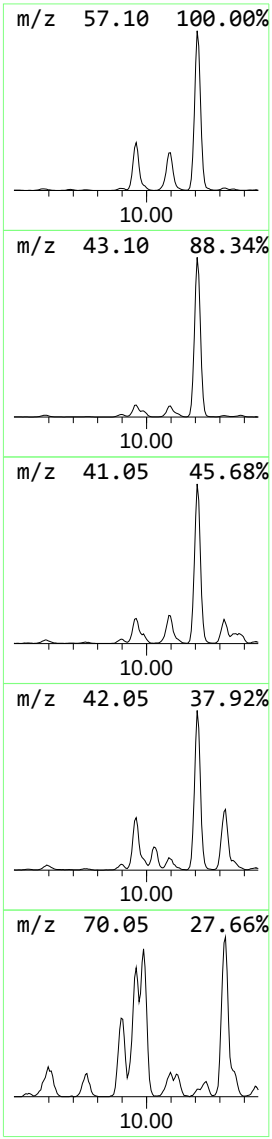
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	25.44 ug/L	343672	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	2-Piperidinone	99	C5H9NO	000675-20-7	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

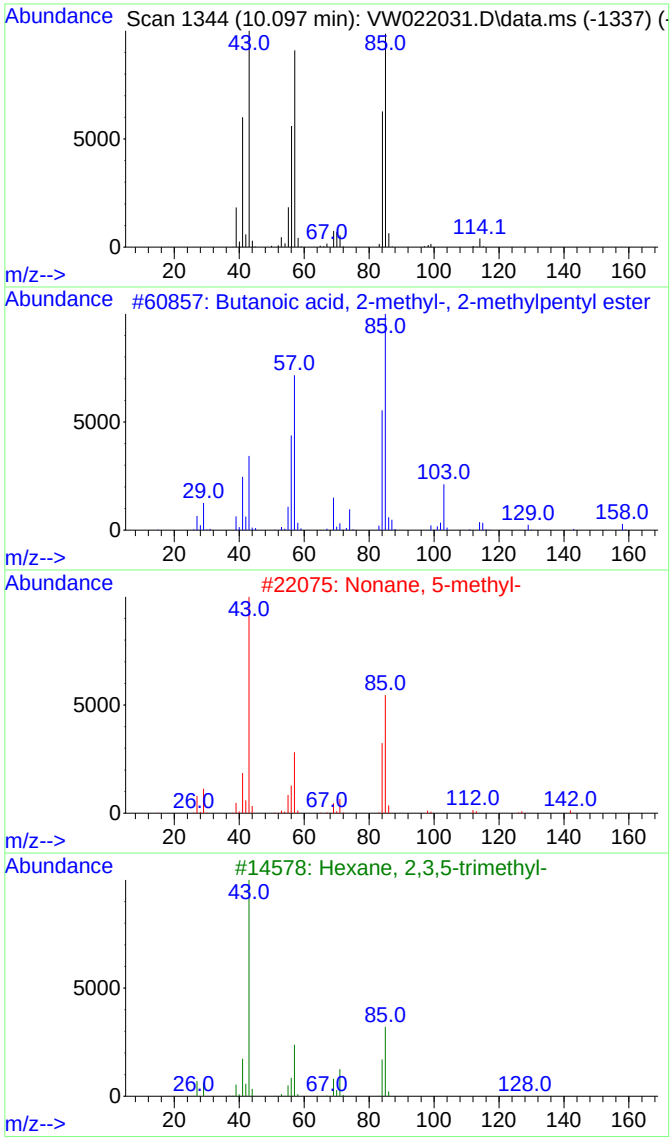
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

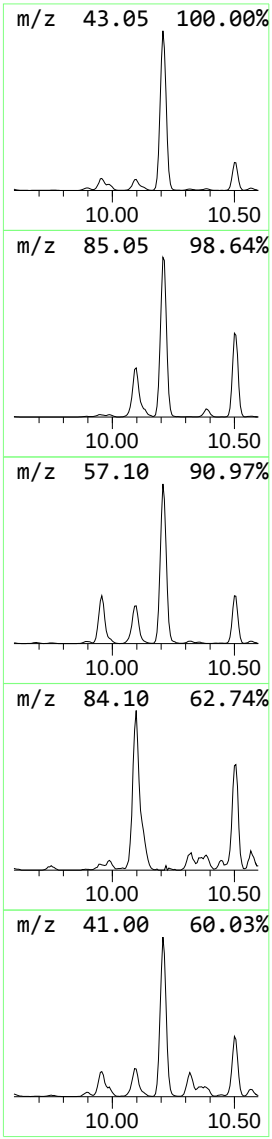
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Butanoic acid, 2-methyl-, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	33.09 ug/L	447127	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	58





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

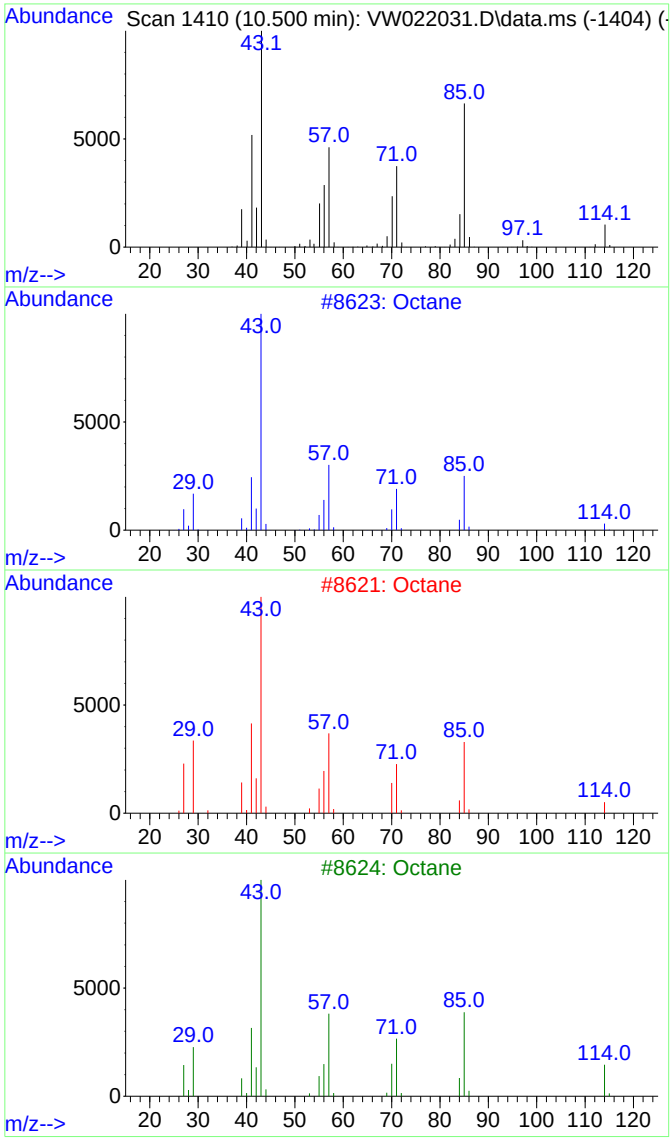
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

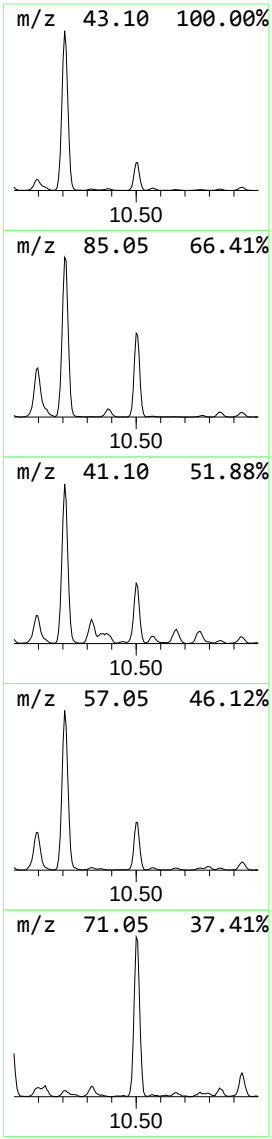
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	43.04 ug/L	726034	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	90
3	Octane	114	C8H18	000111-65-9	90
4	Octane	114	C8H18	000111-65-9	90
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

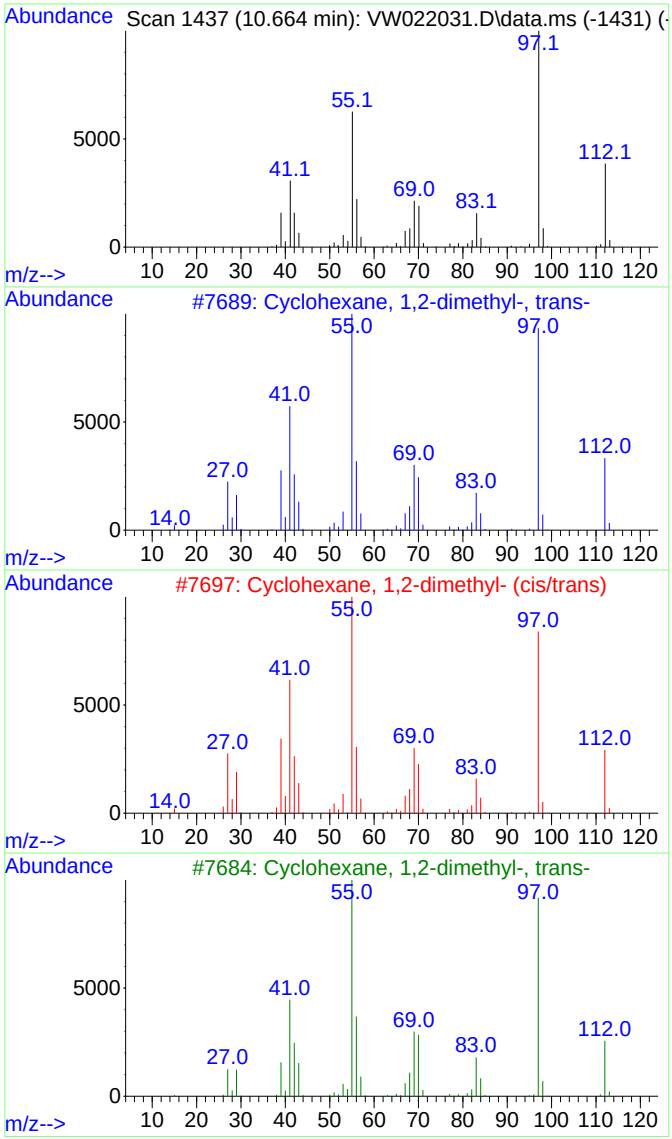
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

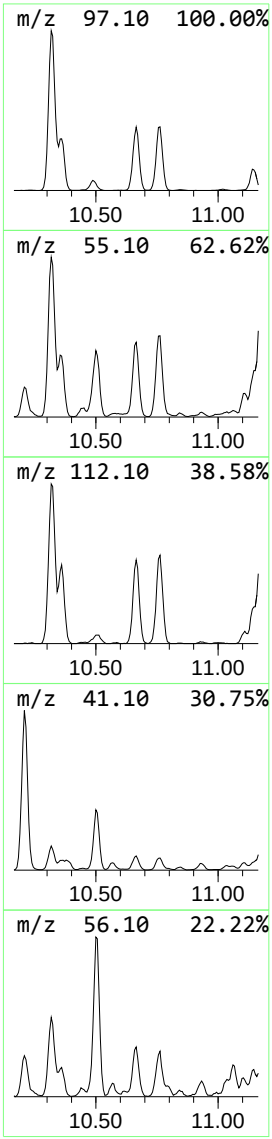
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic10.664 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	16.13 ug/L	272160	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

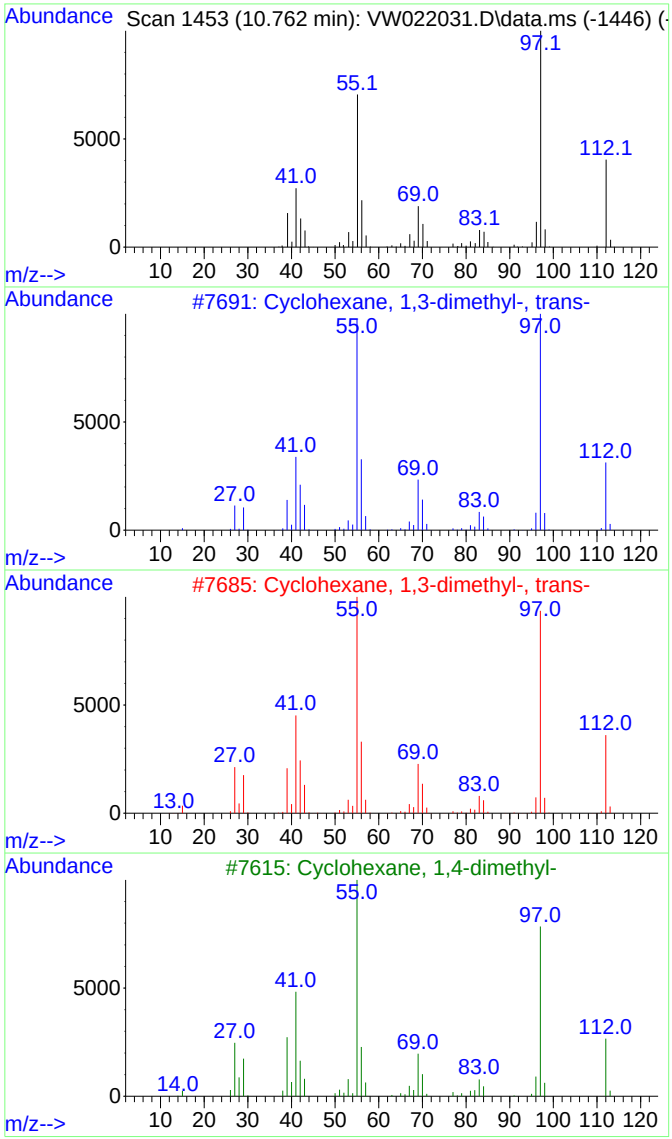
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

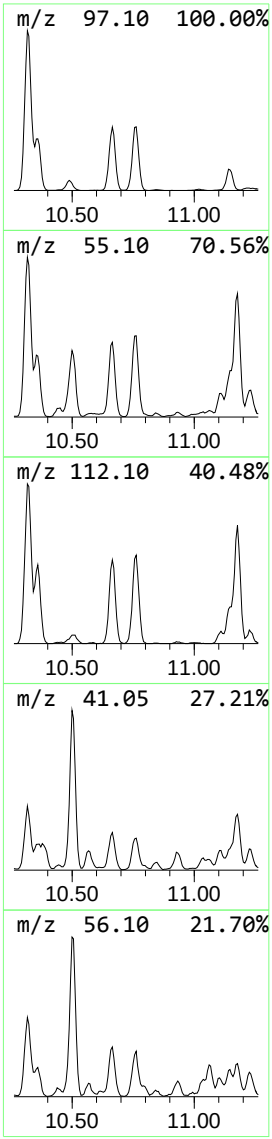
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic10.762 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	16.16 ug/L	272563	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

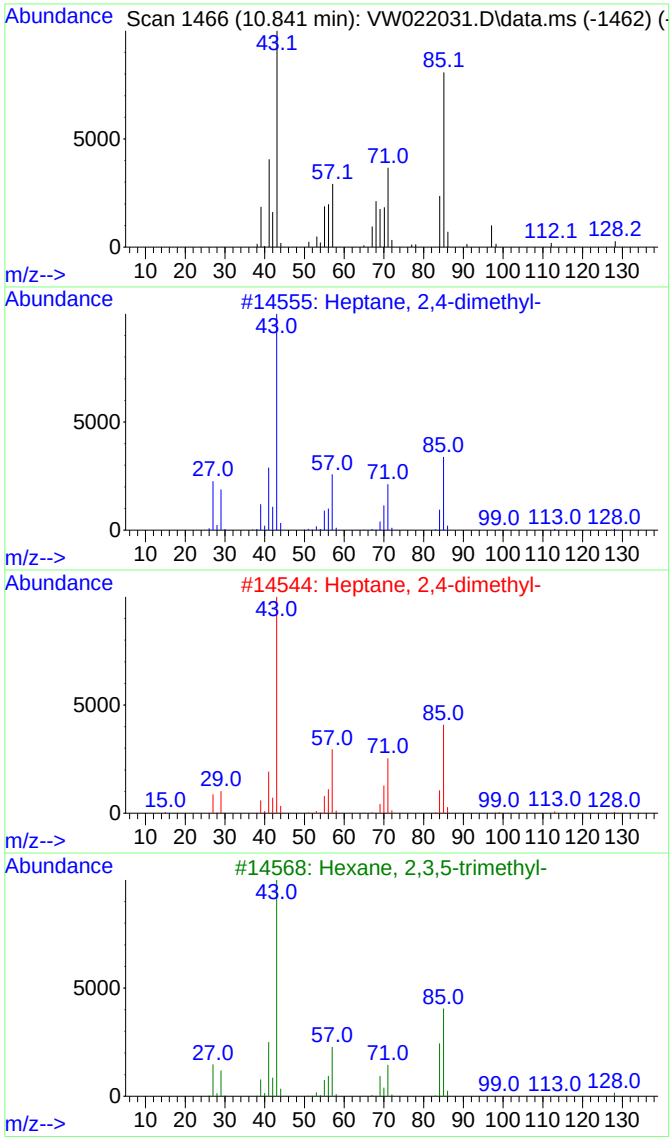
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

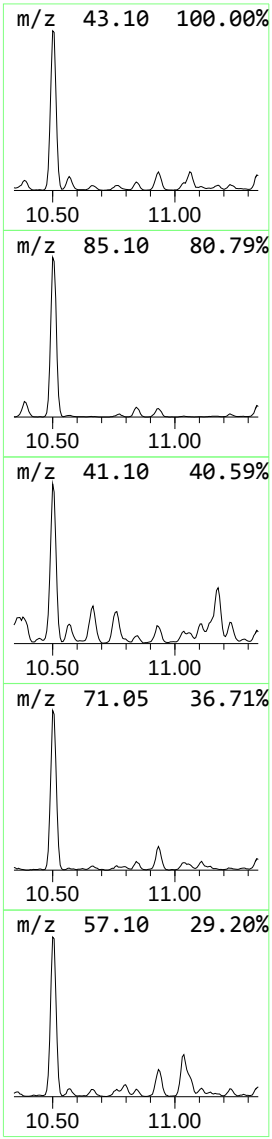
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.841	2.35 ug/L	39606	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	62
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	52
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

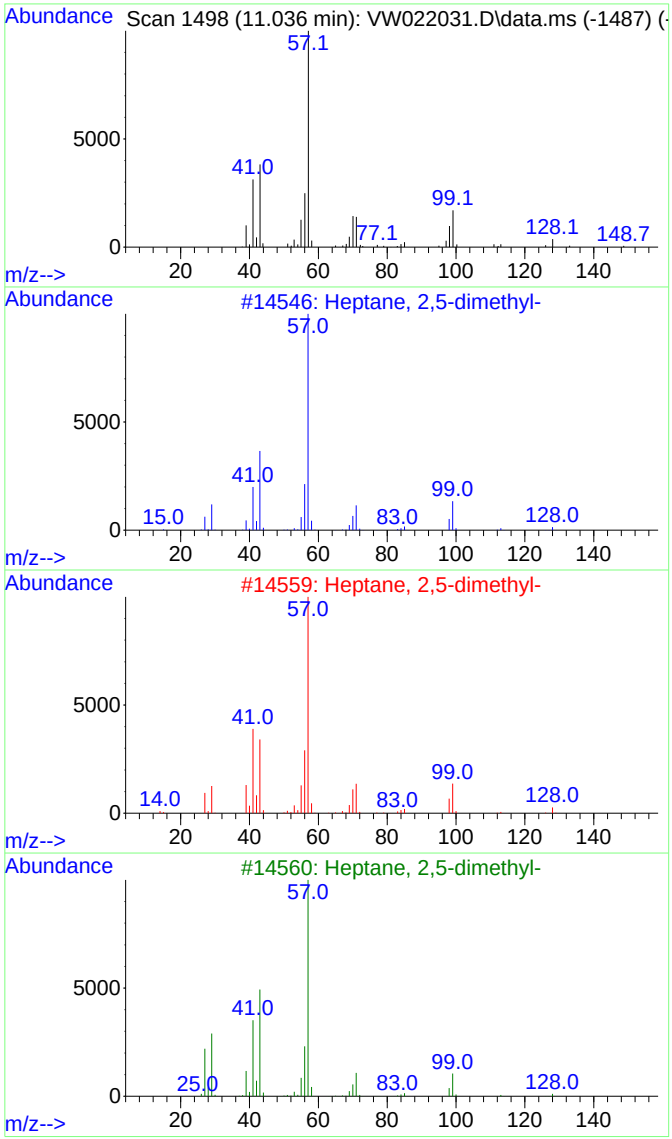
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

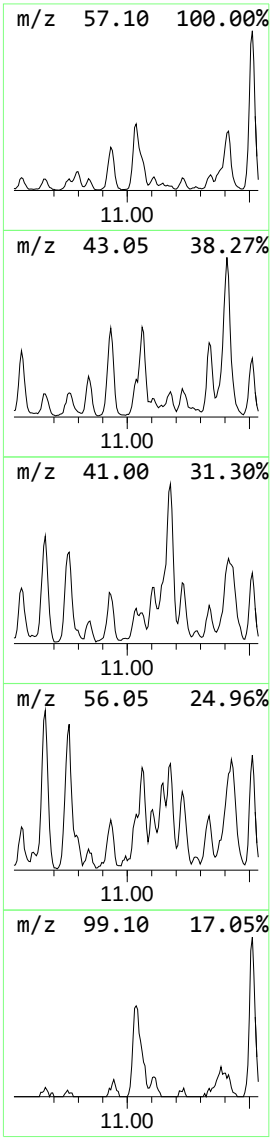
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	3.26 ug/L	55022	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

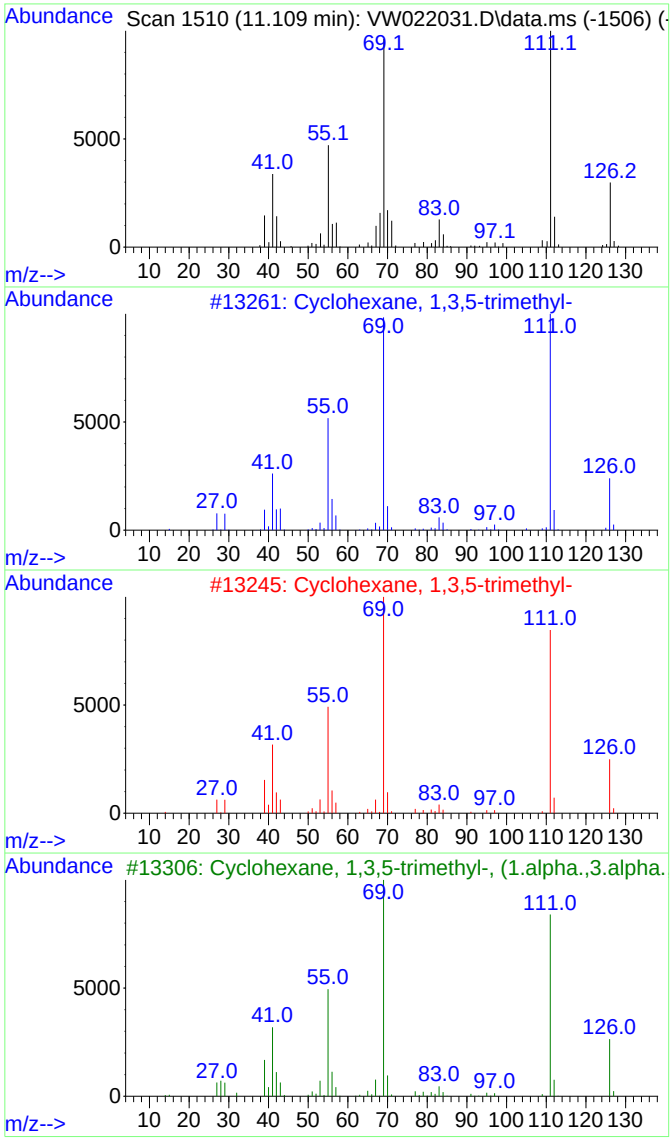
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

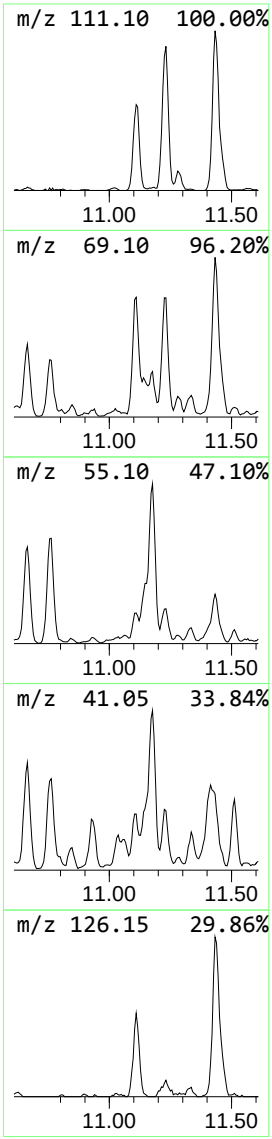
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.109 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	5.90 ug/L	99563	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

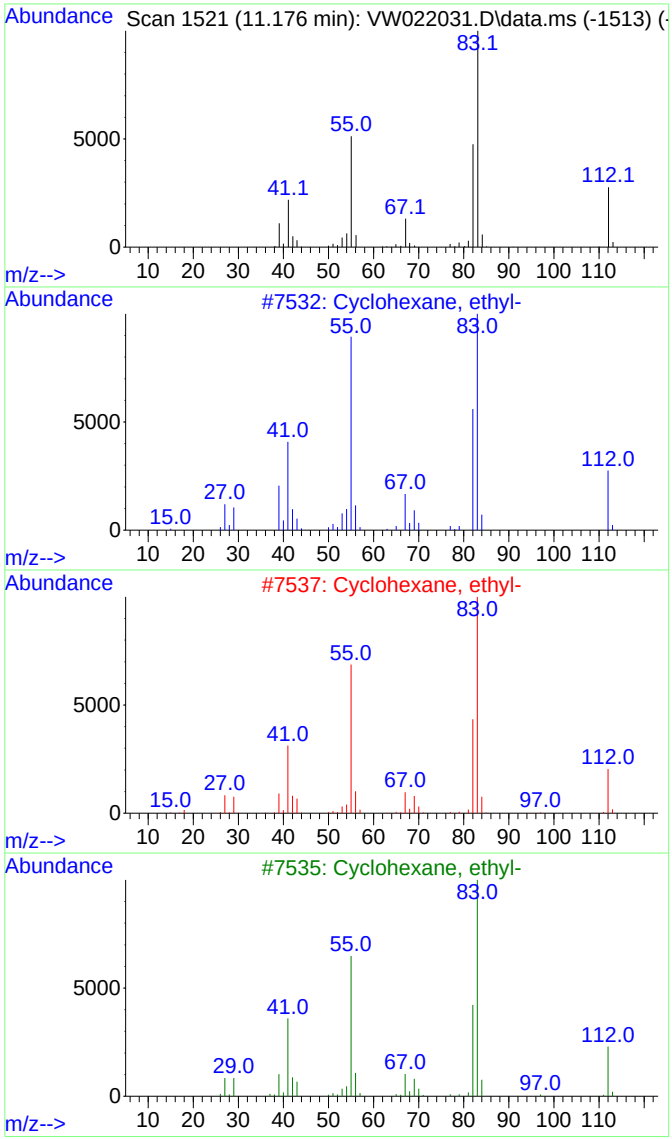
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

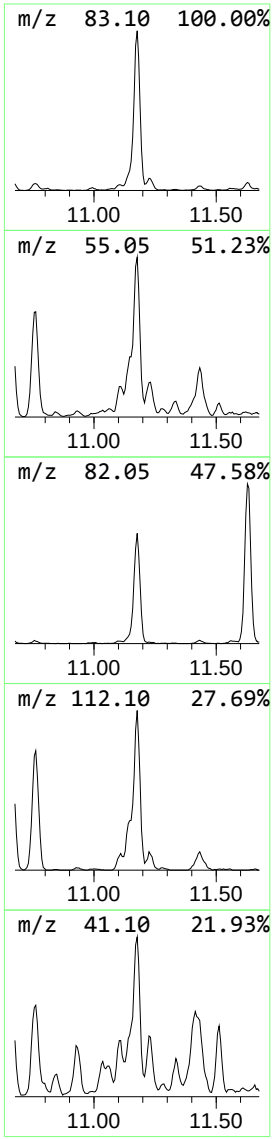
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic11.177 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	25.71 ug/L	433628	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	64





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

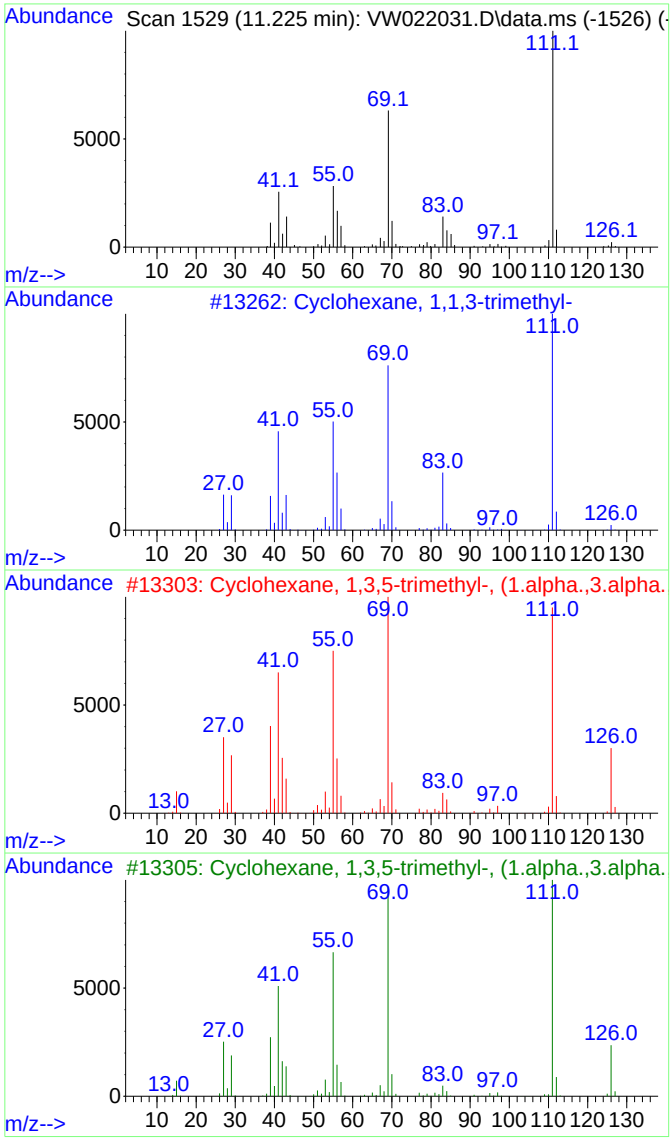
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

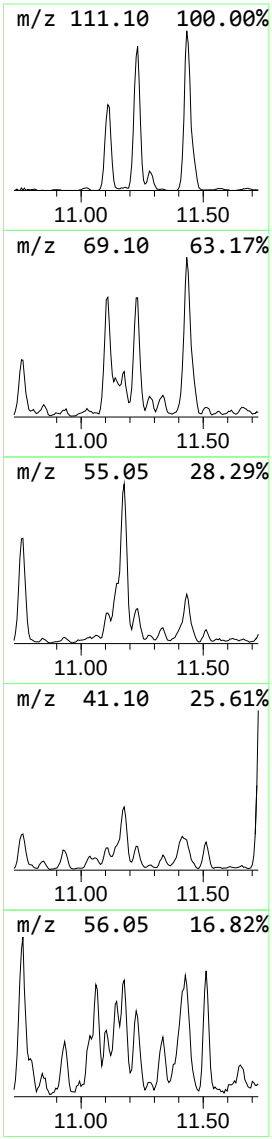
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.225 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	7.78 ug/L	131251	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

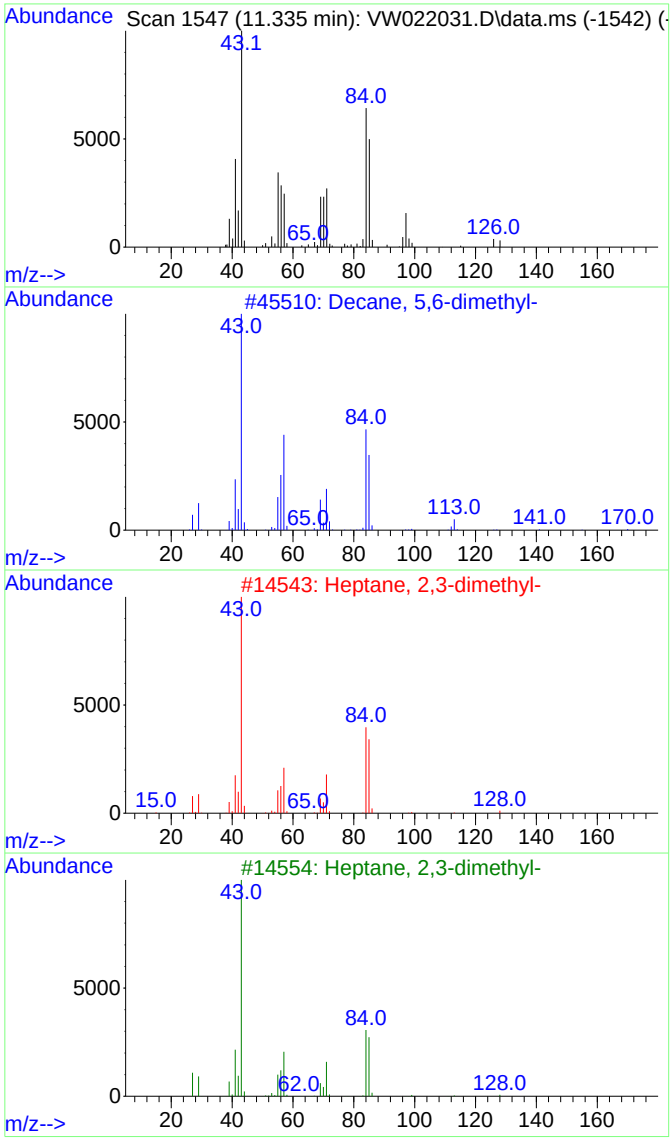
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

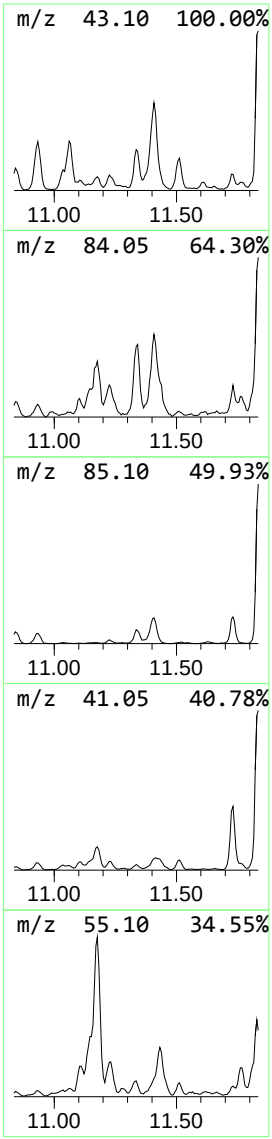
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	3.96 ug/L	66858	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	59
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

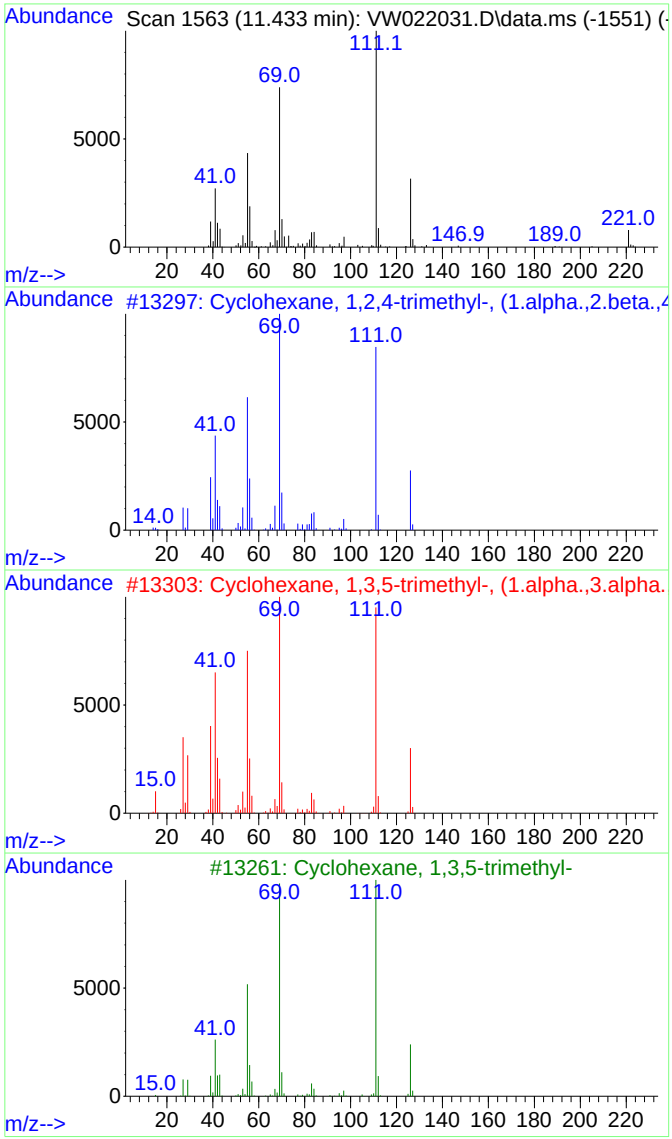
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

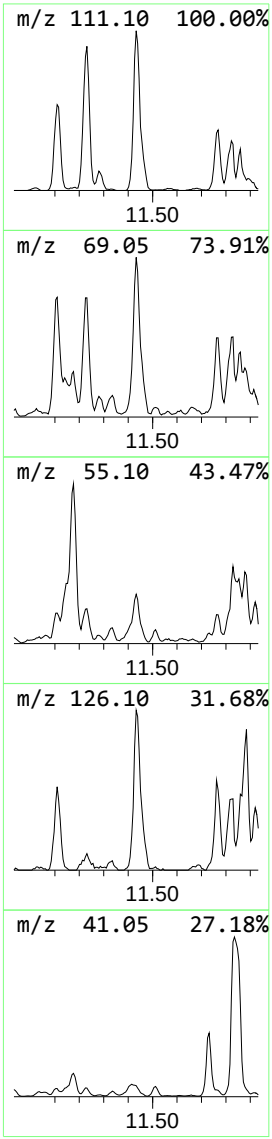
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic11.432 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.432	22.06 ug/L	372055	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

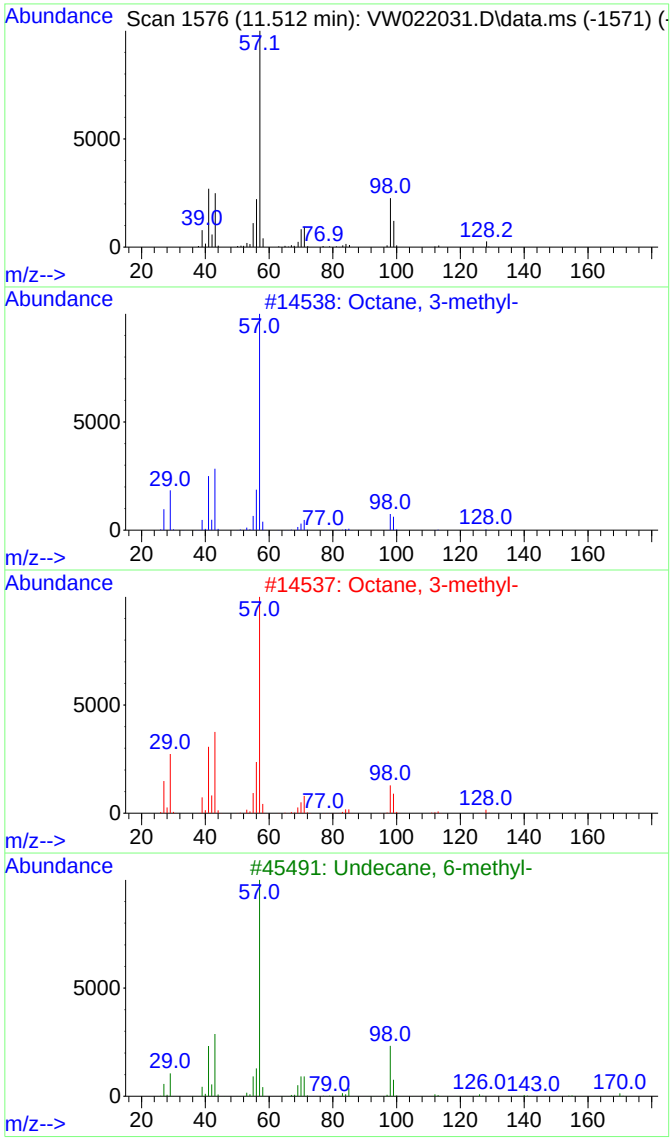
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

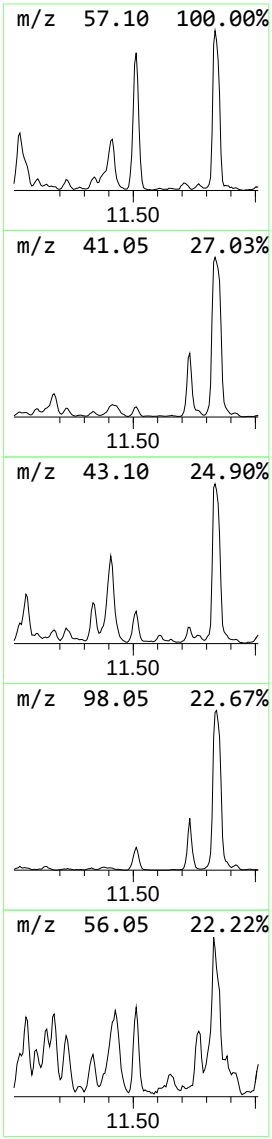
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	6.31 ug/L	106465	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

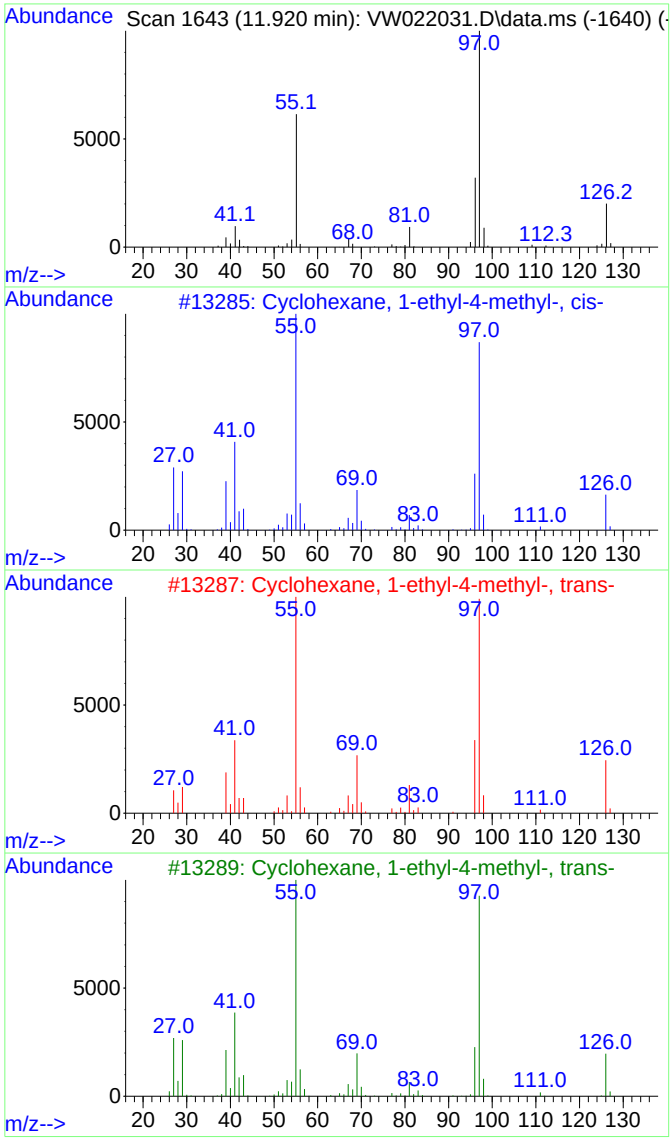
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

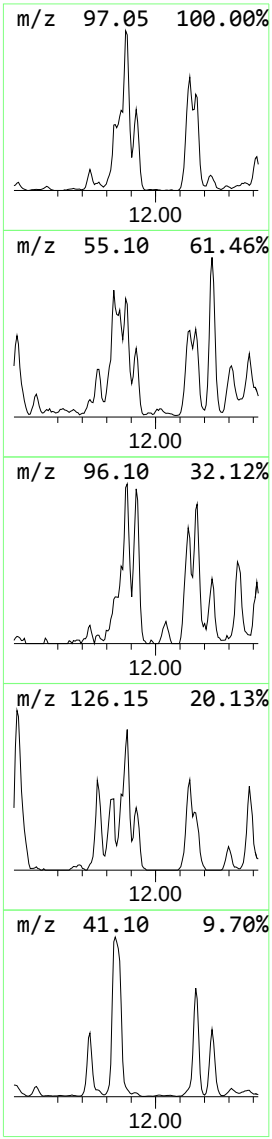
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.920 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	4.48 ug/L	75531	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

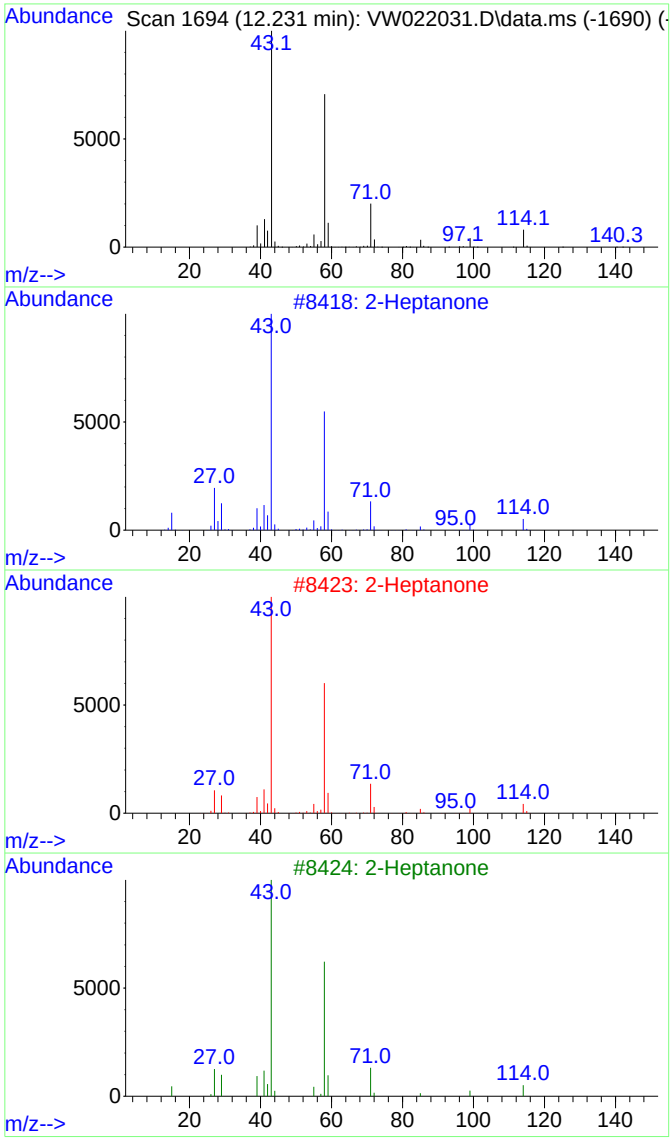
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

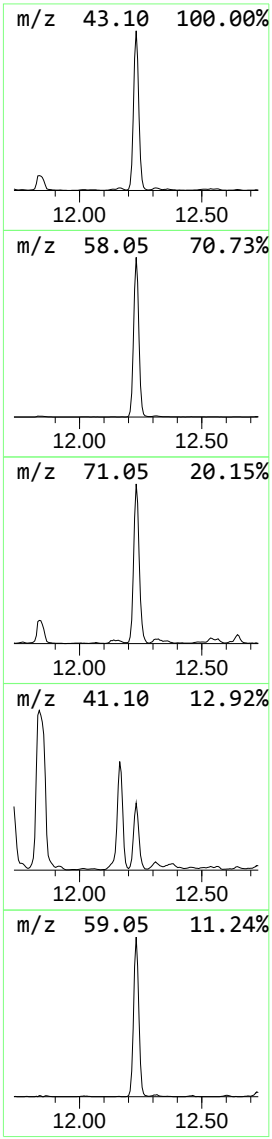
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.231	87.99 ug/L	1484200	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Heptanone	114	C7H14O	000110-43-0	91
5	2-Heptanone	114	C7H14O	000110-43-0	80





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Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

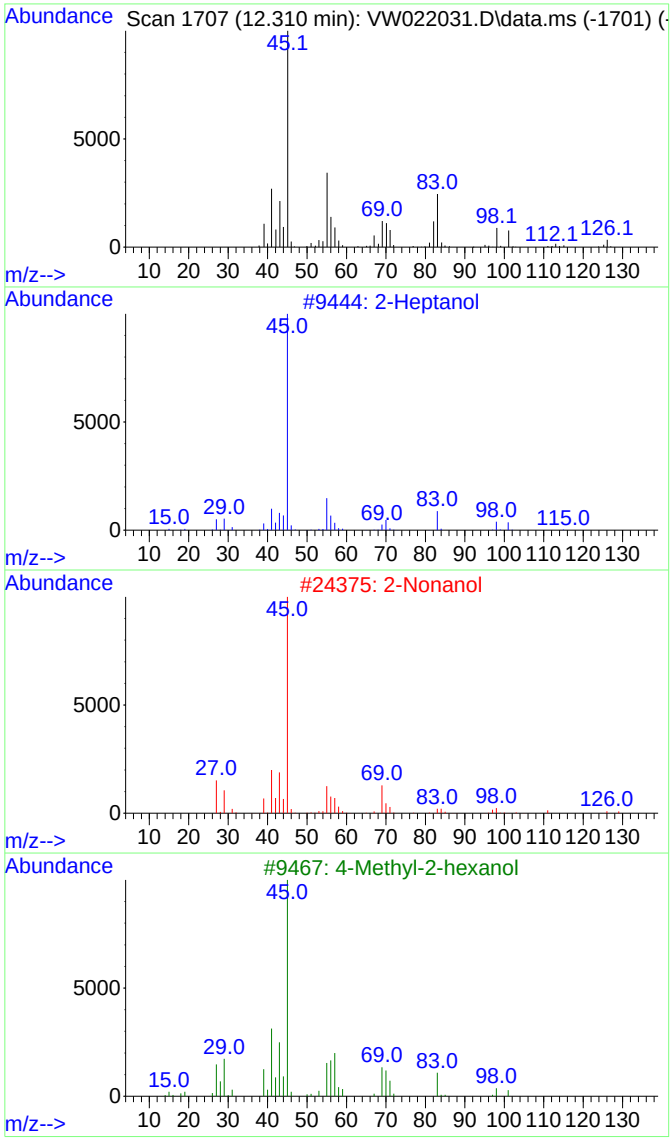
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

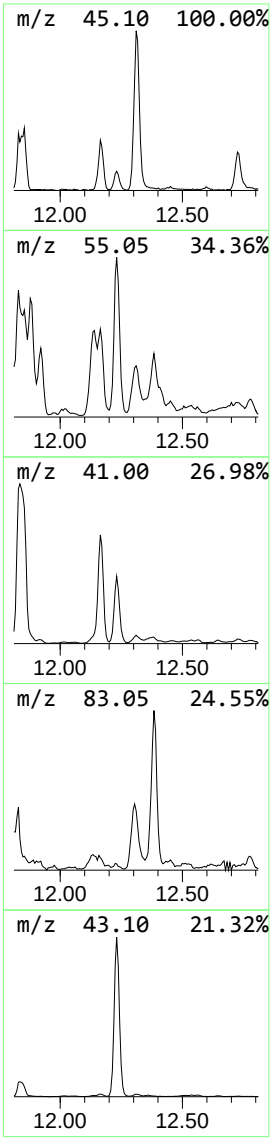
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Heptanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	10.25 ug/L	172890	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol	116	C7H16O	000543-49-7	86
2	2-Nonanol	144	C9H20O	000628-99-9	59
3	4-Methyl-2-hexanol	116	C7H16O	002313-61-3	59
4	2-Octanol, (S)-	130	C8H18O	006169-06-8	59
5	2-Octanol	130	C8H18O	000123-96-6	59





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

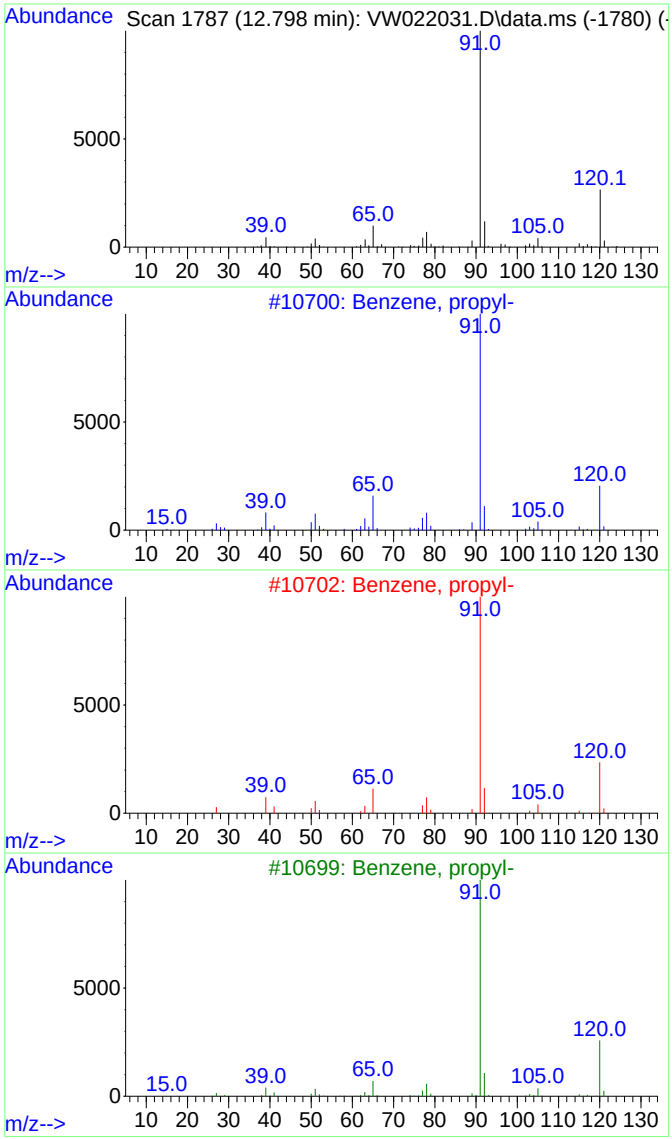
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

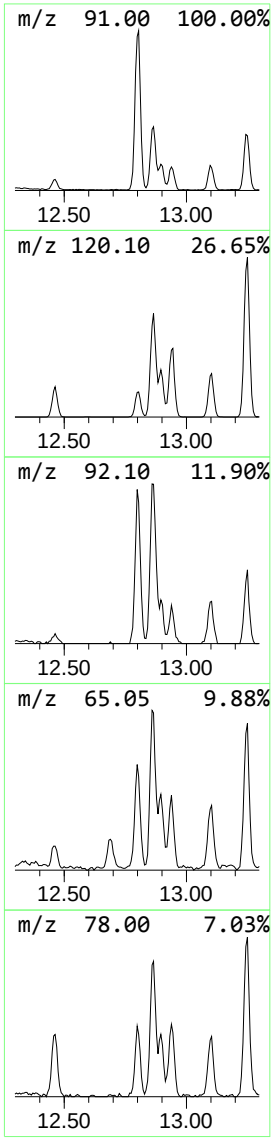
****

Peak Number 26 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	9.24 ug/L	165267	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

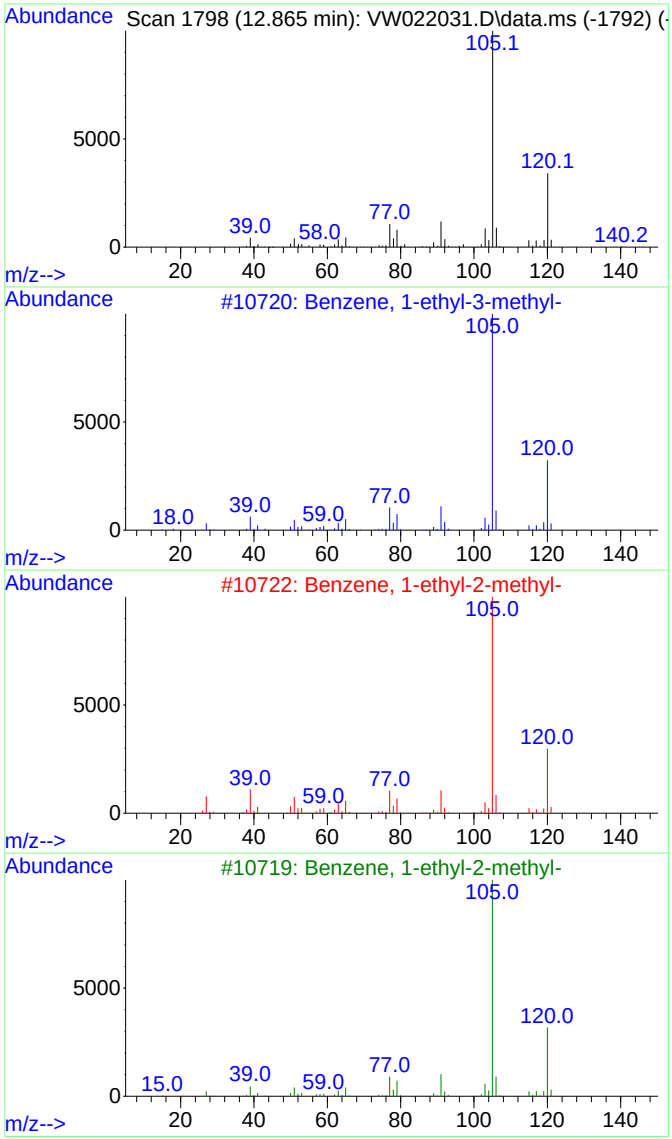
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

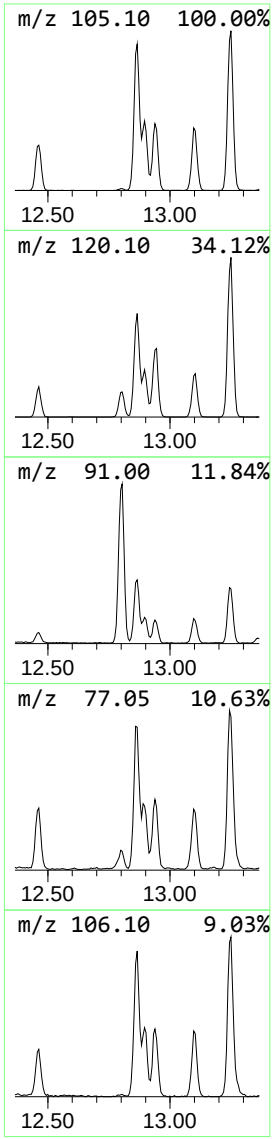
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	31.71 ug/L	567159	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

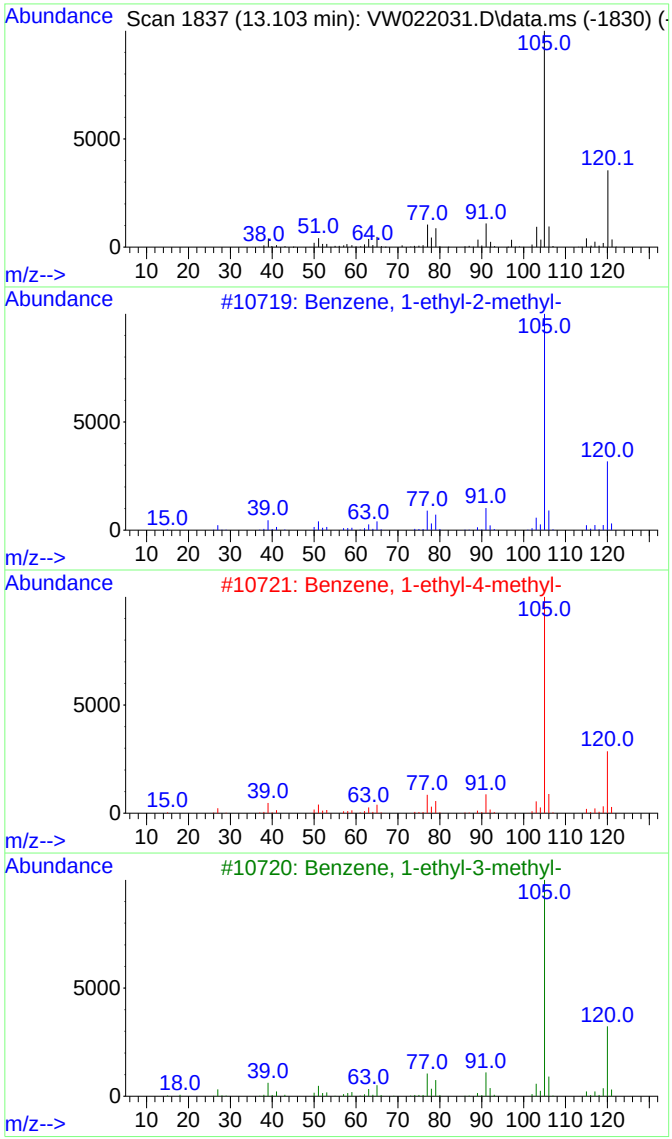
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

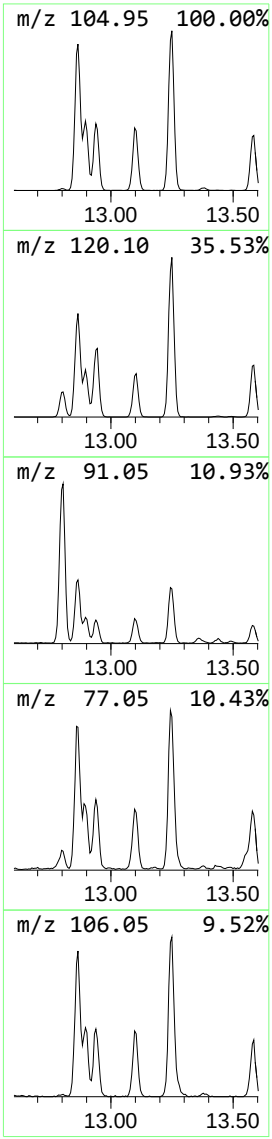
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	13.22 ug/L	236371	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

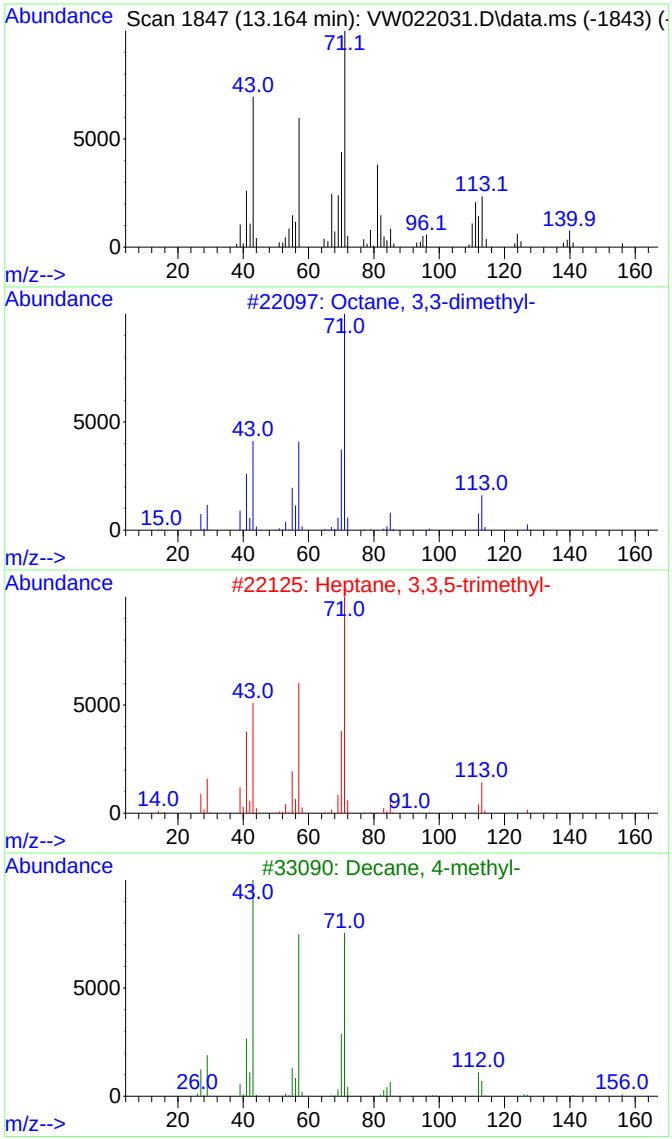
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

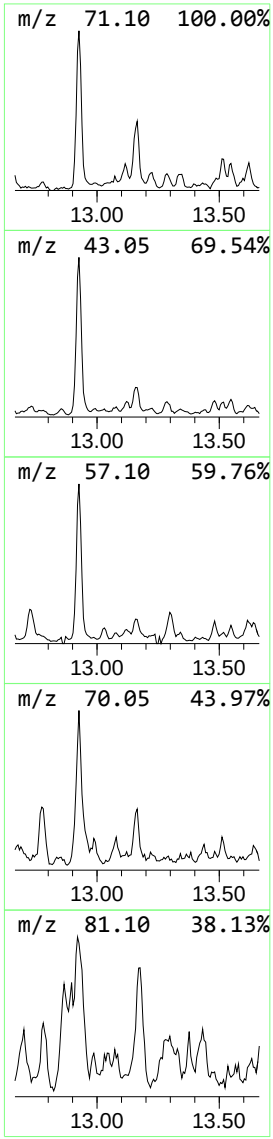
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	2.93 ug/L	52485	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3	Decane, 4-methyl-	156	C11H24	002847-72-5	52
4	Butanoic acid, 2-pentenyl ester,...	156	C9H16O2	042125-13-3	43
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43





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Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

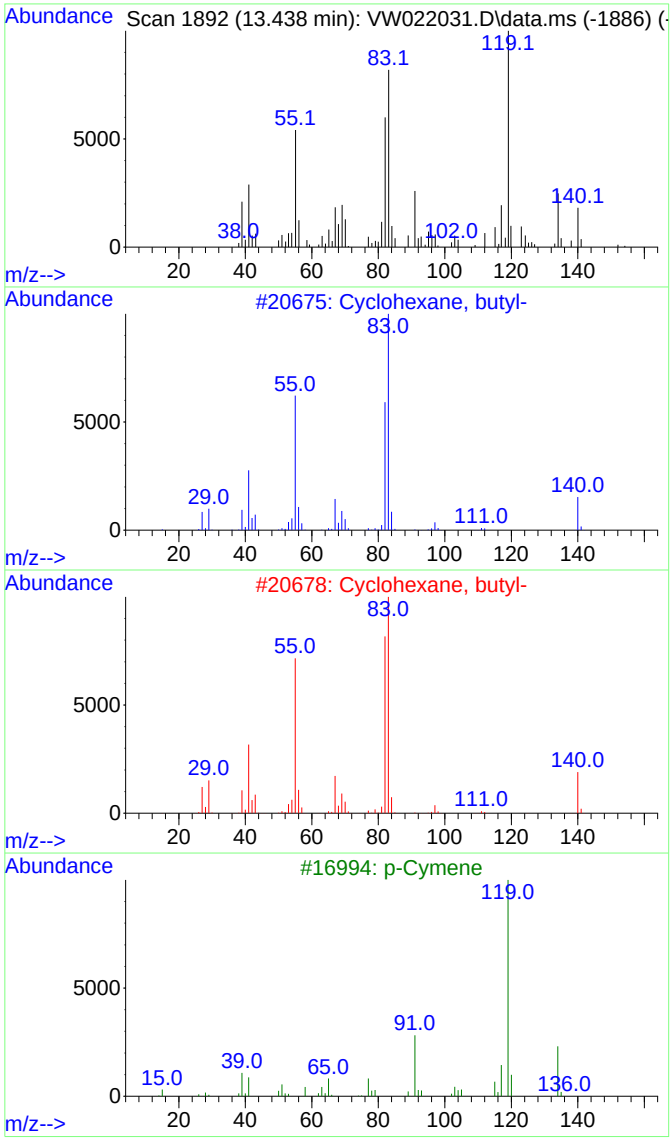
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

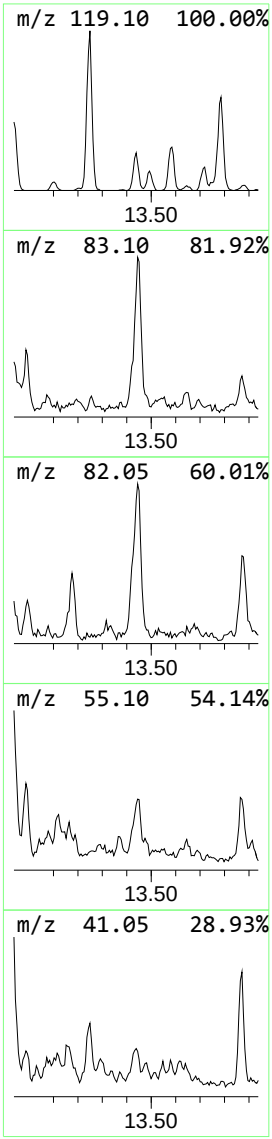
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic13.438 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	3.56 ug/L	63618	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3	p-Cymene	134	C10H14	000099-87-6	46
4	p-Cymene	134	C10H14	000099-87-6	46
5	o-Cymene	134	C10H14	000527-84-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

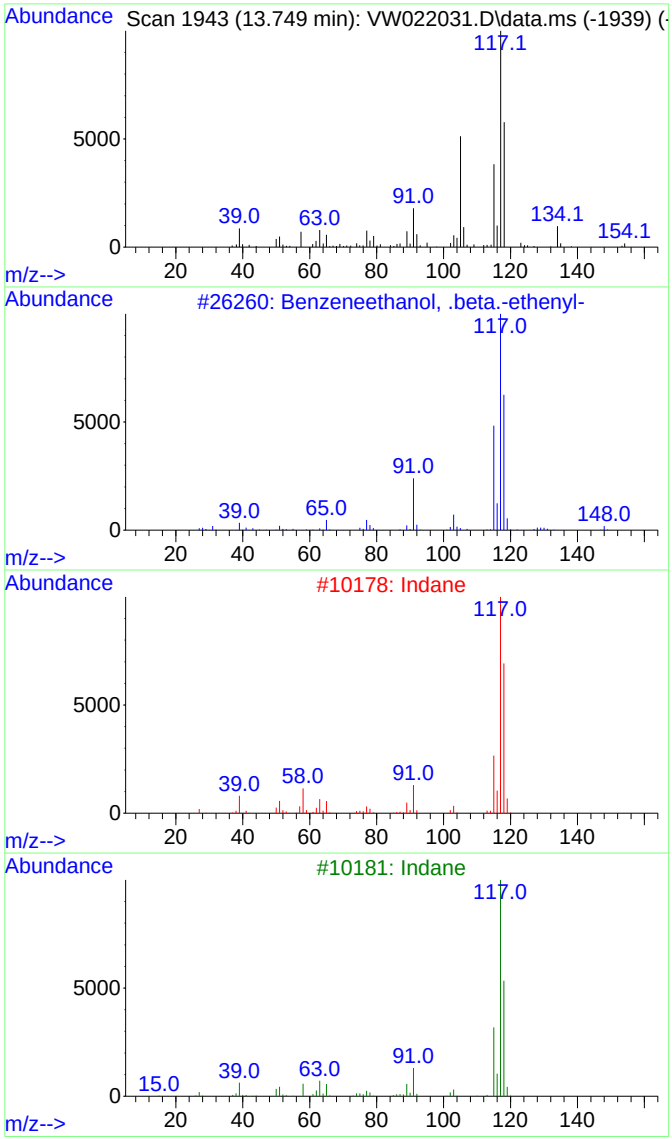
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

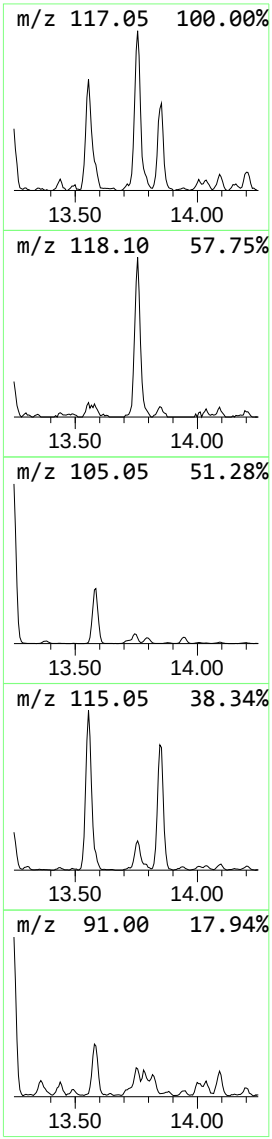
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzeneethanol, .beta.-ethe... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	3.90 ug/L	69800	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
2	Indane	118	C9H10	000496-11-7	64
3	Indane	118	C9H10	000496-11-7	60
4	Indane	118	C9H10	000496-11-7	58
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

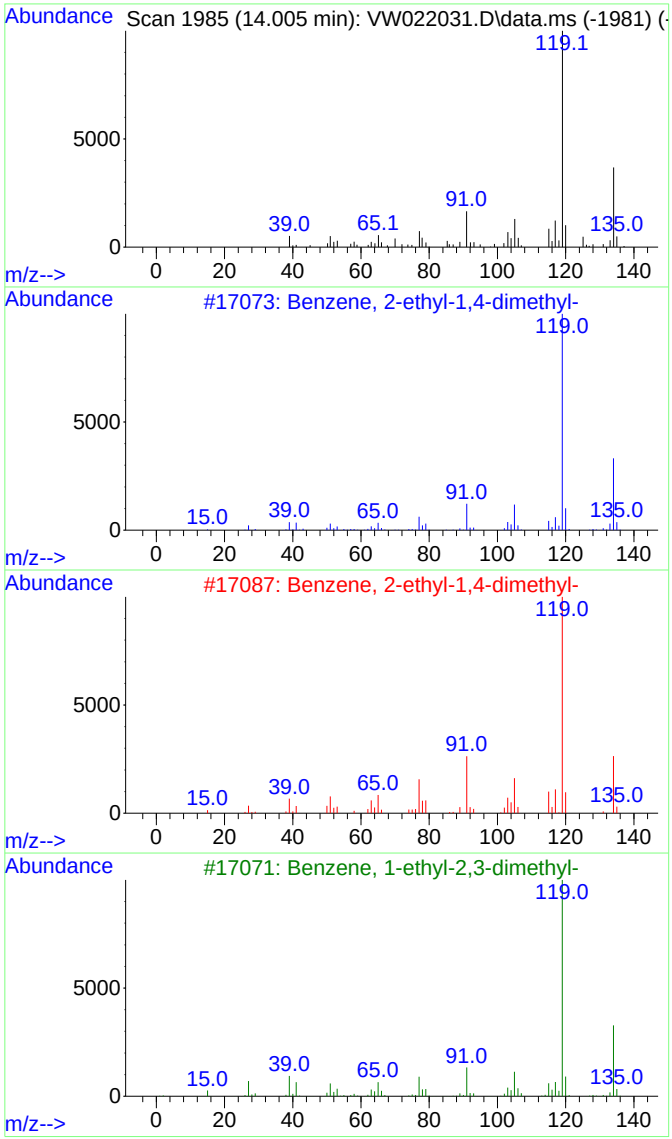
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

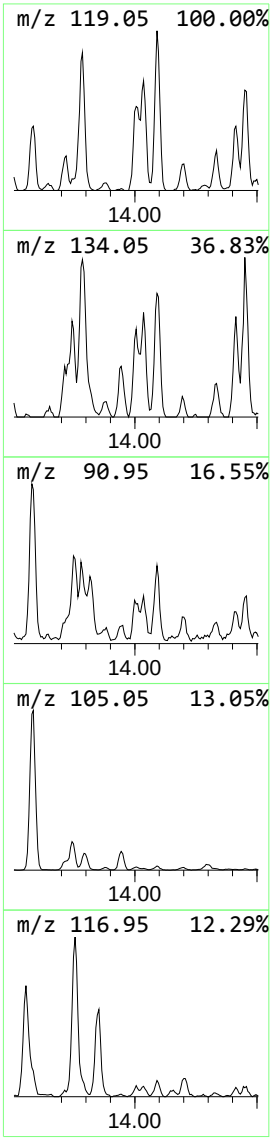
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	1.34 ug/L	23995	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

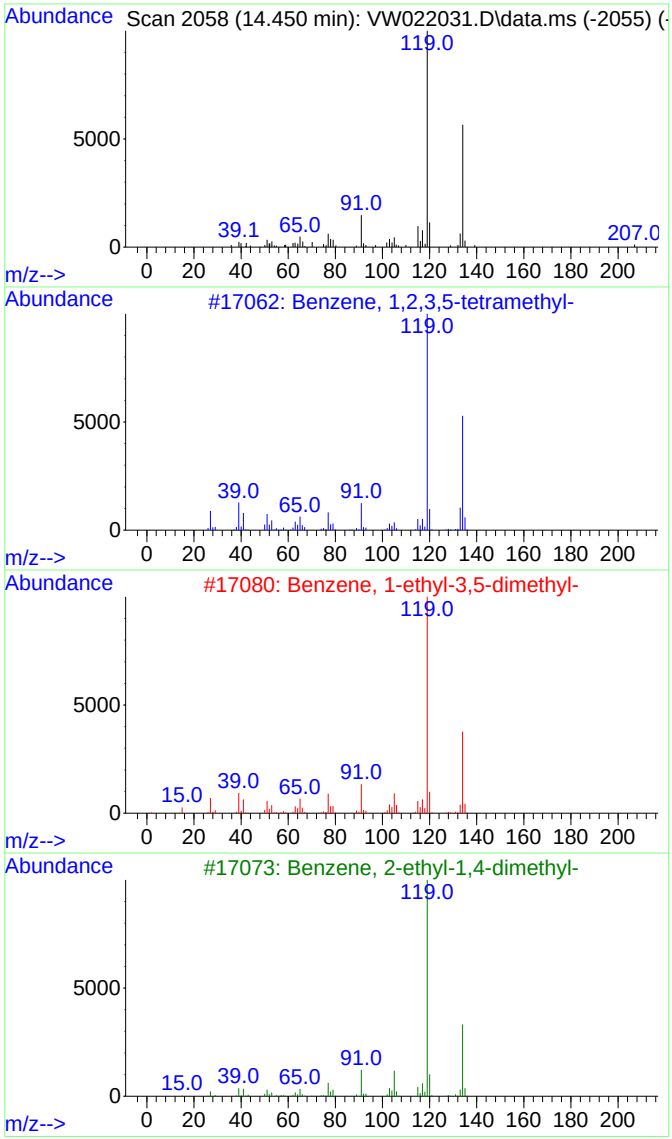
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

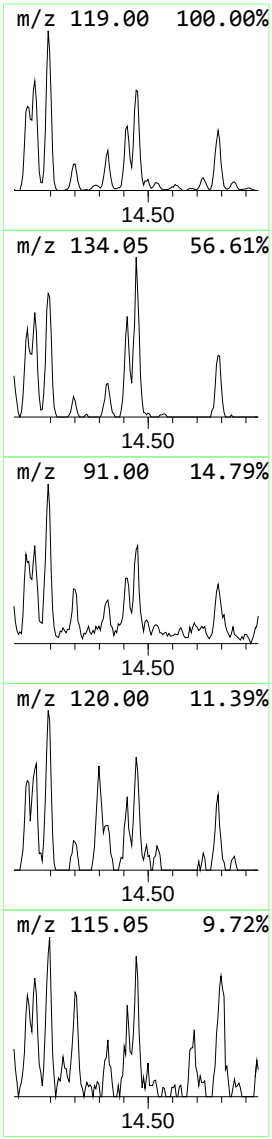
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	1.74 ug/L	31065	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

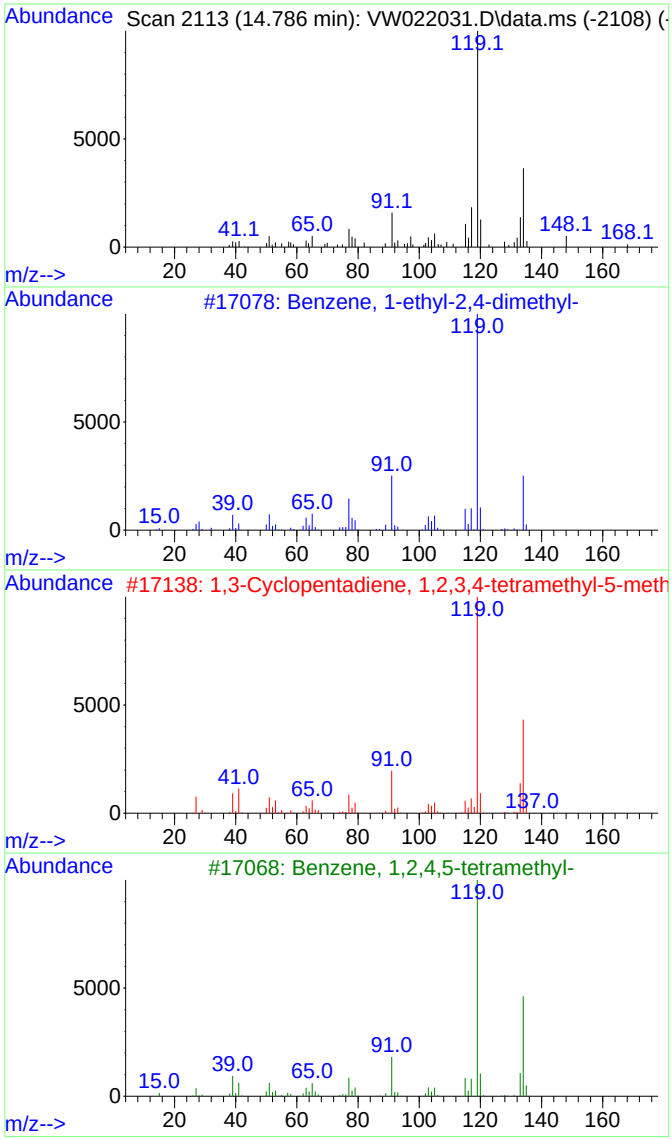
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

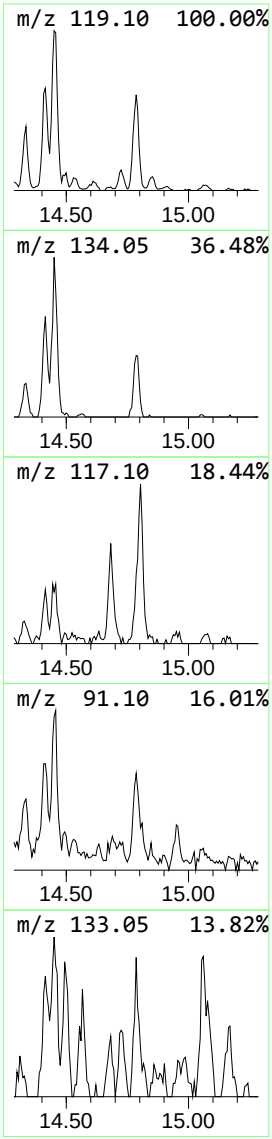
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	1.96 ug/L	35112	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022031.D
Acq On : 02 Feb 2022 15:11
Operator : SY/VA
Sample : N1353-03
Misc : 4.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.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
Isopropyl Alcohol	4.397	21.4	ug/L	289826	1	8.842	337772	25.0
Butanal	6.897	1.4	ug/L	19189	1	8.842	337772	25.0
2-Butanol, (R)-	7.494	7.7	ug/L	103980	1	8.842	337772	25.0
1-Butanol	9.024	83.7	ug/L	1130210	1	8.842	337772	25.0
2-Heptanol, 5-m...	9.591	8.3	ug/L	111413	1	8.842	337772	25.0
(DEL) Alkane: C...	9.750	2.1	ug/L	29107	1	8.842	337772	25.0
(DEL) Alkane: S...	9.896	5.5	ug/L	73787	1	8.842	337772	25.0
(DEL) Alkane: S...	9.957	25.4	ug/L	343672	1	8.842	337772	25.0
Butanoic acid, ...	10.097	33.1	ug/L	447127	1	8.842	337772	25.0
(DEL) Alkane: S...	10.500	43.0	ug/L	726034	2	11.628	421702	25.0
(DEL) Alkane: C...	10.664	16.1	ug/L	272160	2	11.628	421702	25.0
(DEL) Alkane: C...	10.762	16.2	ug/L	272563	2	11.628	421702	25.0
(DEL) Alkane: S...	10.841	2.4	ug/L	39606	2	11.628	421702	25.0
(DEL) Alkane: S...	11.036	3.3	ug/L	55022	2	11.628	421702	25.0
(DEL) Alkane: C...	11.109	5.9	ug/L	99563	2	11.628	421702	25.0
(DEL) Alkane: C...	11.177	25.7	ug/L	433628	2	11.628	421702	25.0
(DEL) Alkane: C...	11.225	7.8	ug/L	131251	2	11.628	421702	25.0
(DEL) Alkane: S...	11.335	4.0	ug/L	66858	2	11.628	421702	25.0
(DEL) Alkane: C...	11.432	22.1	ug/L	372055	2	11.628	421702	25.0
(DEL) Alkane: S...	11.512	6.3	ug/L	106465	2	11.628	421702	25.0
(DEL) Alkane: C...	11.920	4.5	ug/L	75531	2	11.628	421702	25.0
2-Heptanone	12.231	88.0	ug/L	1484200	2	11.628	421702	25.0
2-Heptanol	12.310	10.3	ug/L	172890	2	11.628	421702	25.0
Benzene, propyl-	12.798	9.2	ug/L	165267	3	13.554	447104	25.0
Benzene, 1-ethy...	12.865	31.7	ug/L	567159	3	13.554	447104	25.0
Benzene, 1-ethy...	13.103	13.2	ug/L	236371	3	13.554	447104	25.0
(DEL) Alkane: S...	13.164	2.9	ug/L	52485	3	13.554	447104	25.0
(DEL) Alkane: C...	13.438	3.6	ug/L	63618	3	13.554	447104	25.0
Benzeneethanol,...	13.749	3.9	ug/L	69800	3	13.554	447104	25.0
Benzene, 2-ethy...	14.005	1.3	ug/L	23995	3	13.554	447104	25.0
Benzene, 1,2,3,...	14.450	1.7	ug/L	31065	3	13.554	447104	25.0
Benzene, 1-ethy...	14.786	2.0	ug/L	35112	3	13.554	447104	25.0