LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

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\SFAMWLM060221SMA.M
Title : SFAM01.0

Signal : TIC: VW019126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.026	334	348	359	rBV2	279577	895907	2.00%	0.181%
2	7.653	932	943	960	rBV	419982	1138958	2.54%	0.230%
3	7.927	979	988	998	rBV3	275426	756880	1.69%	0.153%
4	8.037	998	1006	1018	rVB	504700	1358288	3.03%	0.275%
5	8.159	1018	1026	1035	rBV	558509	1237097	2.76%	0.250%
6	8.281	1037	1046	1062	rVB2	830442	2454975	5.48%	0.497%
7	8.482	1062	1079	1092	rBV	3540238	11133242	24.87%	2.253%
8	8.695	1105	1114	1127	rVB3	224160	531313	1.19%	0.108%
9	8.842	1128	1138	1149	rBV2	1036215	2292453	5.12%	0.464%
10	9.336	1213	1219	1223	rVB2	1805219	3037762	6.79%	0.615%
11	9.390	1223	1228	1236	rVB	1793849	3604622	8.05%	0.729%
12	9.476	1236	1242	1246	rBV	564442	1278412	2.86%	0.259%
13	9.518	1246	1249	1255	rVB2	437394	735892	1.64%	0.149%
14	9.610	1255	1264	1273	rBV3	728265	1839748	4.11%	0.372%
15	9.762	1281	1289	1300	rBV	8918960	19838513	44.31%	4.014%
16	9.896	1300	1311	1318	rBV	11407904	26030908	58.14%	5.268%
17	9.957	1318	1321	1324	rVV	1117577	1519623	3.39%	0.308%
18	9.994	1324	1327	1333	rVB2	1344503	2060475	4.60%	0.417%
19	10.098	1336	1344	1356	rVB	3851790	9396519	20.99%	1.901%
20	10.250	1363	1369	1375	rBV2	2517308	4644985	10.38%	0.940%
21	10.323	1375	1381	1392	rBV	3486231	7997722	17.86%	1.618%
22	10.445	1392	1401	1404	rBV3	1030770	2312962	5.17%	0.468%
23	10.512	1404	1412	1418	rVB5	2352911	6217236	13.89%	1.258%
24	10.573	1418	1422	1425	rBV3	379357	612648	1.37%	0.124%
25	10.610	1425	1428	1433	rVB3	510993	829840	1.85%	0.168%
26	10.671	1433	1438	1445	rBV2	1332264	2778915	6.21%	0.562%
27	10.762	1445	1453	1461	rBV5	2805212	7798869	17.42%	1.578%
28	10.847	1462	1467	1473	rVB2	1241731	2298194	5.13%	0.465%
29	10.933	1473	1481	1487	rBV2	1250140	2822238	6.30%	0.571%
30	11.000	1487	1492	1494	rBV	1016737	1733497	3.87%	0.351%
31	11.036	1494	1498	1506	rVB	1422302	3134465	7.00%	0.634%
32	11.110	1506	1510	1512	rBV2	1045733	1620276	3.62%	0.328%
33	11.146	1512	1516	1518	rBV2	1056824	1493641	3.34%	0.302%
34	11.183	1518	1522	1526	rVB	1815166	2690397	6.01%	0.544%
35	11.232	1526	1530	1535	rVB	1394545	2176482	4.86%	0.440%
36	11.286	1535	1539	1544	rVB4	1021850	1727244	3.86%	0.350%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

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\SFAMWLM060221SMA.M
Title : SFAM01.0

37	11.341	1544	1548	1552	rVB2	1138974	1602024	3.58%	0.324%
38	11.408	1552	1559	1563	rBV2	2487976	5438379	12.15%	1.101%
39	11.512	1571	1576	1586	rBV	2895541	5965289	13.32%	1.207%
40	11.628	1590	1595	1601	rBV2	2262315	3970339	8.87%	0.803%
41	11.731	1607	1612	1615	rBV3	1495724	2311872	5.16%	0.468%
42	11.768	1615	1618	1621	rVV3	767858	1042682	2.33%	0.211%
43	11.811	1621	1625	1630	rVV5	1259858	2276851	5.09%	0.461%
44	11.872	1630	1635	1639	rVV4	1576708	2798441	6.25%	0.566%
45	11.914	1639	1642	1646	rVB2	1046843	1622604	3.62%	0.328%
46	11.957	1646	1649	1655	rVB5	546928	944708	2.11%	0.191%
47	12.030	1656	1661	1664	rBV5	373492	772544	1.73%	0.156%
48	12.079	1665	1669	1673	rVB2	664931	1091763	2.44%	0.221%
49	12.134	1673	1678	1686	rBV2	1667589	4137882	9.24%	0.837%
50	12.244	1692	1696	1701	rVB3	606502	1196671	2.67%	0.242%
51	12.335	1701	1711	1715	rBV3	1601648	4436813	9.91%	0.898%
52	12.384	1715	1719	1722	rVV4	958307	1575835	3.52%	0.319%
53	12.463	1728	1732	1737	rBV	2753148	4132085	9.23%	0.836%
54	12.652	1759	1763	1766	rVV	561776	707205	1.58%	0.143%
55	12.695	1766	1770	1776	rVB2	1421237	2382420	5.32%	0.482%
56	12.804	1781	1788	1794	rVB	11414470	18097407	40.42%	3.662%
57	12.932	1801	1809	1816	rBV7	491522	1362277	3.04%	0.276%
58	13.103	1835	1837	1844	rVV3	271041	559690	1.25%	0.113%
59	13.182	1844	1850	1856	rVB5	533097	1190646	2.66%	0.241%
60	13.249	1857	1861	1865	rVV	529672	732507	1.64%	0.148%
61	13.365	1874	1880	1890	rBV3	4462432	11583814	25.87%	2.344%
62	13.554	1908	1911	1914	rBV	813063	1202779	2.69%	0.243%
63	13.597	1914	1918	1924	rVB	2566315	4241213	9.47%	0.858%
64	13.652	1924	1927	1931	rVB	401009	577233	1.29%	0.117%
65	13.719	1932	1938	1942	rBV	13882533	21351302	47.69%	4.321%
66	13.755	1942	1944	1948	rVB	2497409	2923564	6.53%	0.592%
67	13.804	1948	1952	1953	rBV	5568331	7667674	17.13%	1.552%
68	13.884	1961	1965	1971	rVB	2326493	3629796	8.11%	0.735%
69	13.951	1971	1976	1982	rVB	567098	868956	1.94%	0.176%
70	14.030	1982	1989	1994	rBV	2743279	4778427	10.67%	0.967%
71	14.097	1994	2000	2006	rVV	29122254	44769264	100.00%	9.059%
72	14.158	2006	2010	2013	rVV	2748392	4617384	10.31%	0.934%
73	14.207	2013	2018	2024	rVB2	8368769	14363485	32.08%	2.907%
74	14.286	2024	2031	2037	rBV4	1456402	3490156	7.80%	0.706%
75	14.341	2037	2040	2044	rVB	461712	601674	1.34%	0.122%
76	14.414	2044	2052	2061	rVB	14954173	25214514	56.32%	5.102%

LSC Area Percent Report

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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

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\SFAMWLM060221SMA.M
Title : SFAM01.0

77	14.499	2061	2066	2070	rBV	4171574	6227301	13.91%	1.260%
78	14.536	2070	2072	2074	rVV	560360	595409	1.33%	0.120%
79	14.572	2074	2078	2080	rVV	740332	1134106	2.53%	0.229%
80	14.603	2080	2083	2086	rVV	1291204	2128169	4.75%	0.431%
81	14.639	2086	2089	2092	rVV	1341461	1889264	4.22%	0.382%
82	14.688	2092	2097	2101	rVV	7783010	12801850	28.60%	2.591%
83	14.731	2101	2104	2108	rVB	2586774	3681709	8.22%	0.745%
84	14.804	2108	2116	2121	rBV3	10470481	24585590	54.92%	4.975%
85	14.853	2121	2124	2131	rVB	4195547	6675685	14.91%	1.351%
86	15.060	2145	2158	2162	rBV2	8938776	19746861	44.11%	3.996%
87	15.103	2162	2165	2170	rVV	2853803	4937374	11.03%	0.999%
88	15.170	2170	2176	2188	rVB4	5623425	12915705	28.85%	2.614%
89	15.322	2195	2201	2204	rBV4	713244	1462389	3.27%	0.296%
90	15.359	2204	2207	2212	rVB	1033797	1734251	3.87%	0.351%
91	15.420	2212	2217	2219	rBV	337307	538065	1.20%	0.109%
92	15.469	2219	2225	2229	rVV2	2084784	3803465	8.50%	0.770%
93	15.517	2229	2233	2248	rVB2	1631517	3963659	8.85%	0.802%
94	15.651	2248	2255	2262	rBV	2472831	4719135	10.54%	0.955%
95	15.816	2271	2282	2292	rBV4	1149200	4190881	9.36%	0.848%
96	15.944	2298	2303	2308	rBV	815997	1340723	2.99%	0.271%
97	16.017	2308	2315	2331	rVB2	1009556	3302600	7.38%	0.668%
98	16.164	2331	2339	2344	rBV2	337409	841927	1.88%	0.170%
99	16.438	2378	2384	2403	rVB	1190785	2857934	6.38%	0.578%
100	16.639	2408	2417	2430	rBV	764053	1837069	4.10%	0.372%

Sum of corrected areas: 494172488

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
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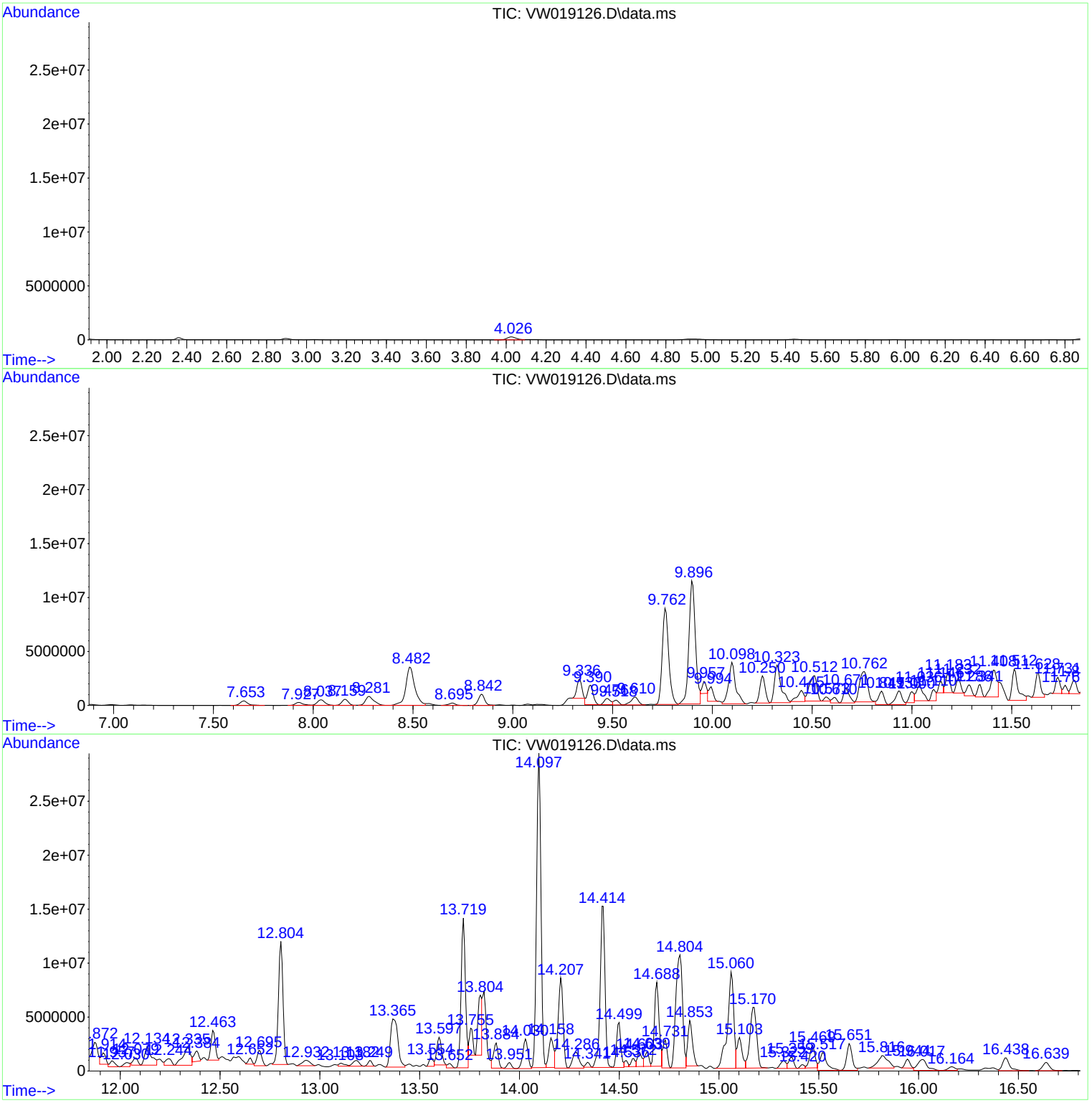
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

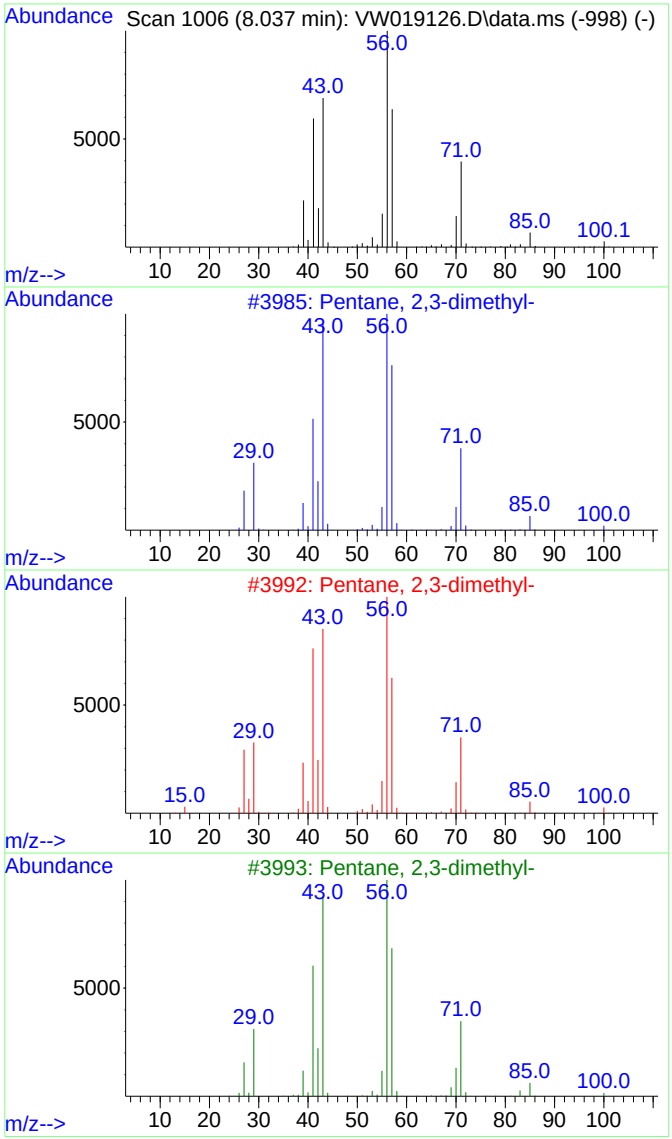
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

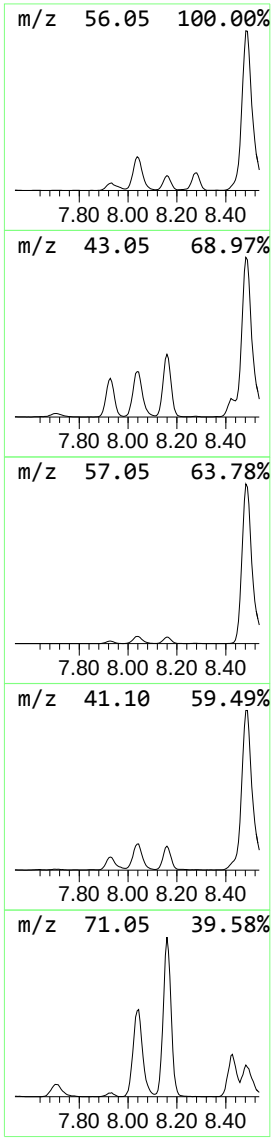
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	14.81 ug/L	1358290	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	80
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

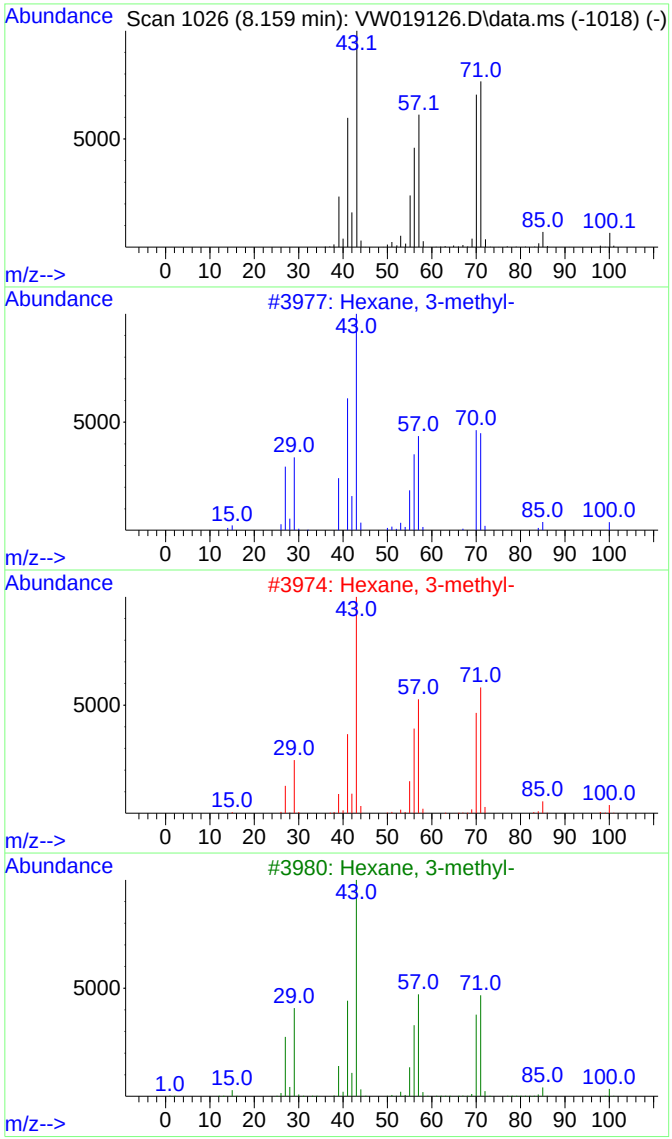
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

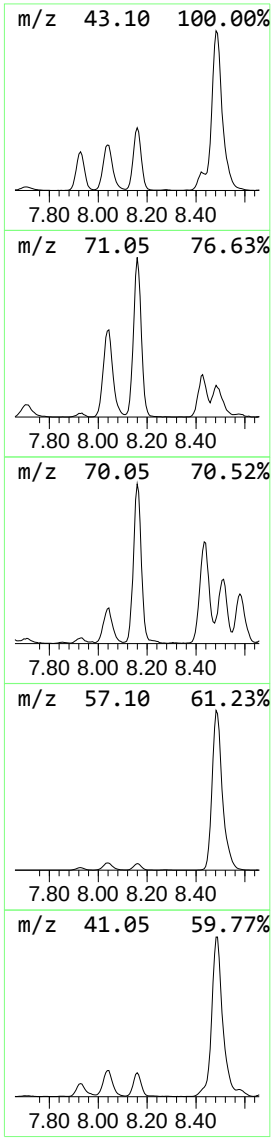
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	13.49 ug/L	1237100	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
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Acq On : 04 Jun 2021 12:28
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Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

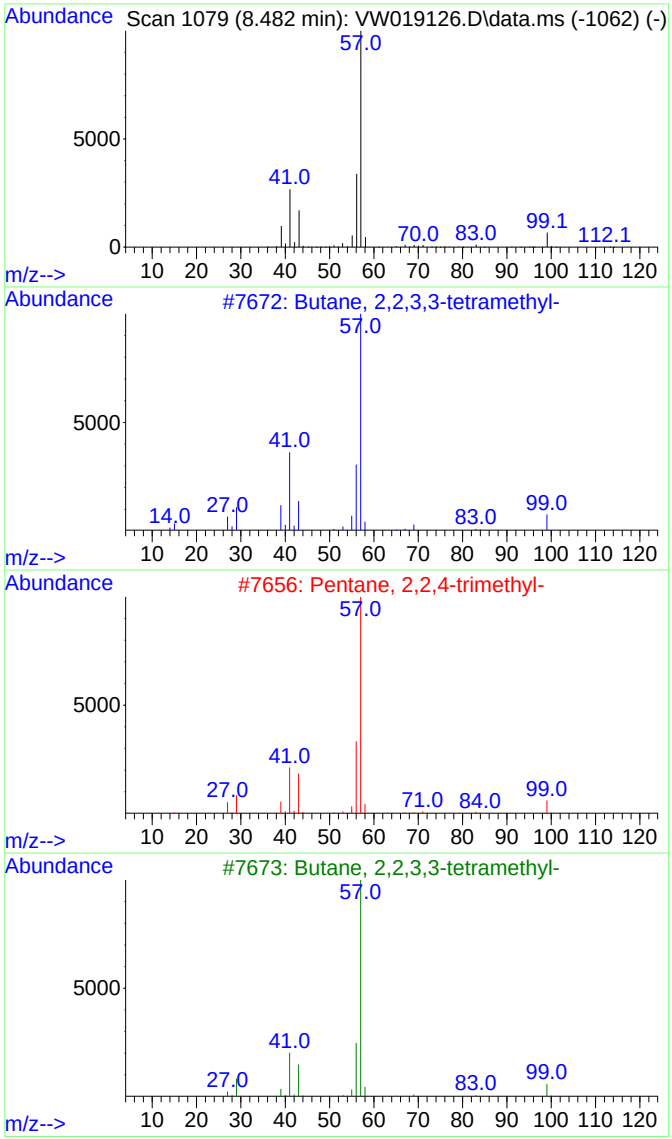
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

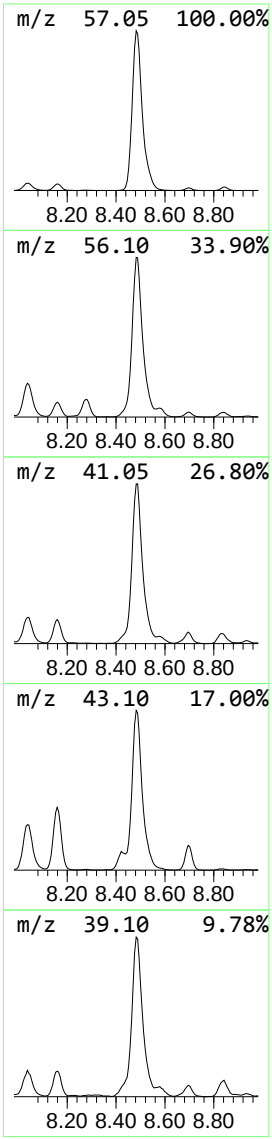
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	121.41 ug/L	11133200	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

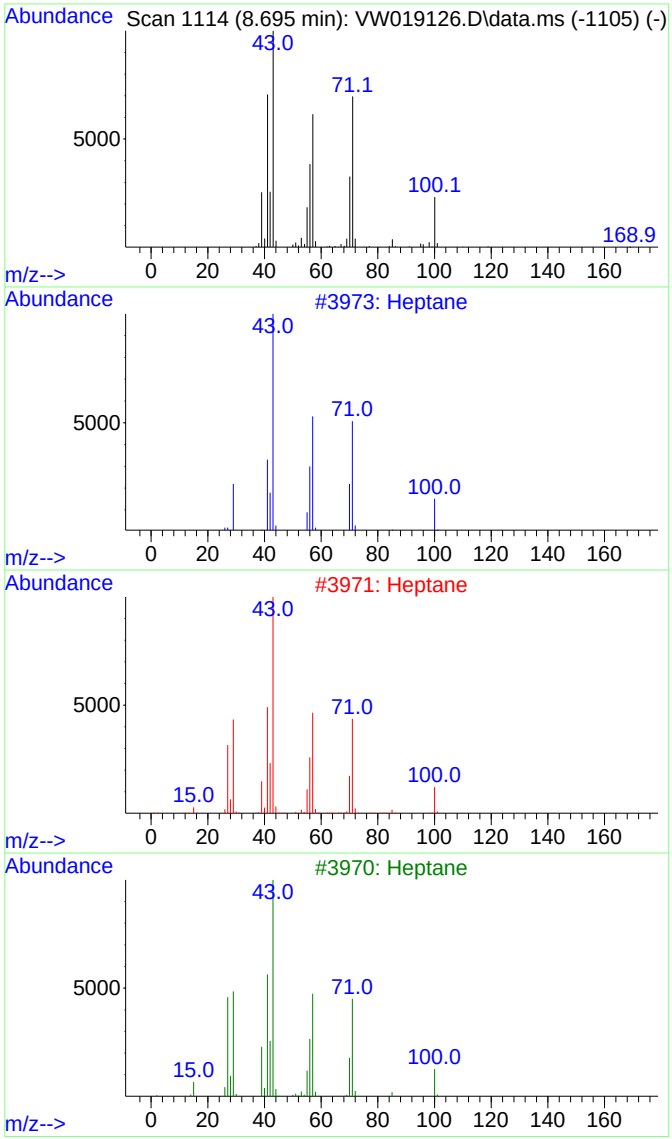
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

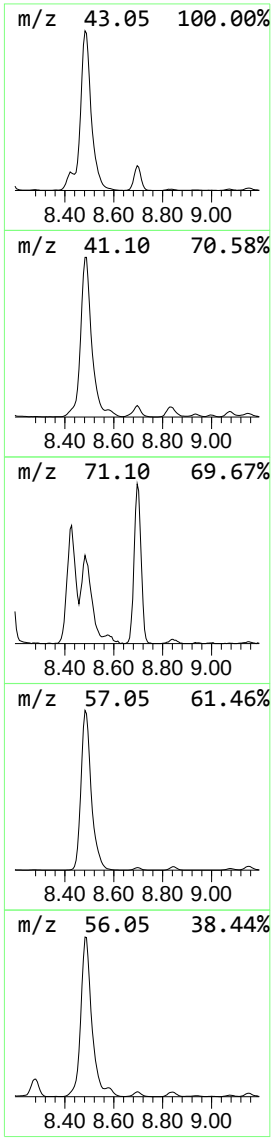
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	5.79 ug/L	531313	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Heptane	100	C7H16	000142-82-5	68
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	58
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

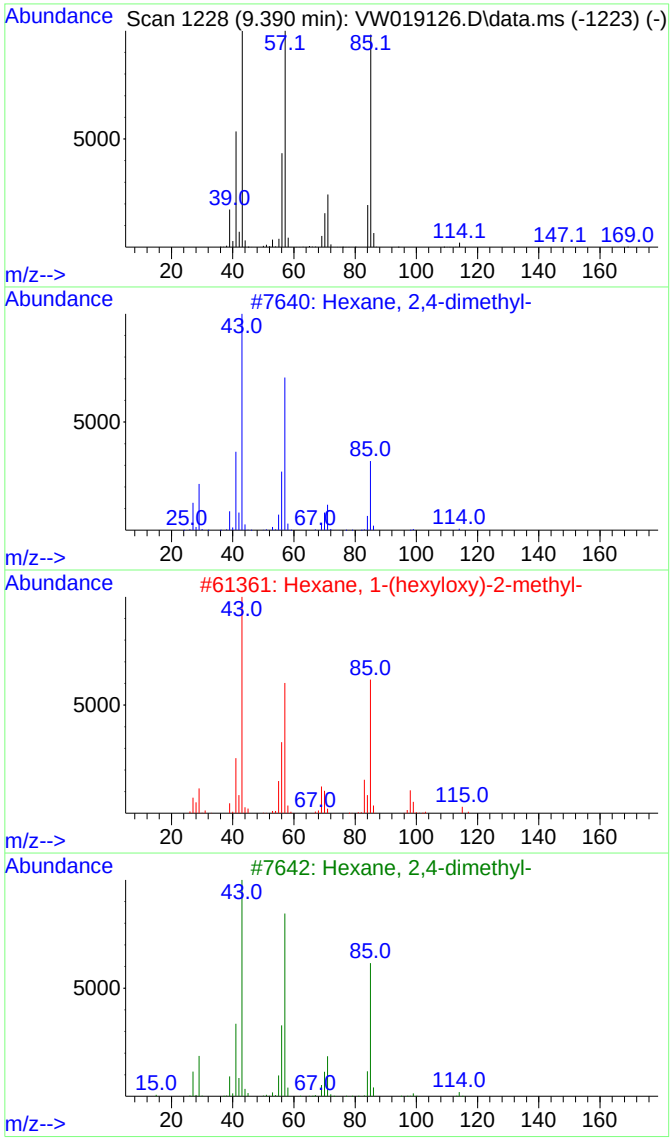
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

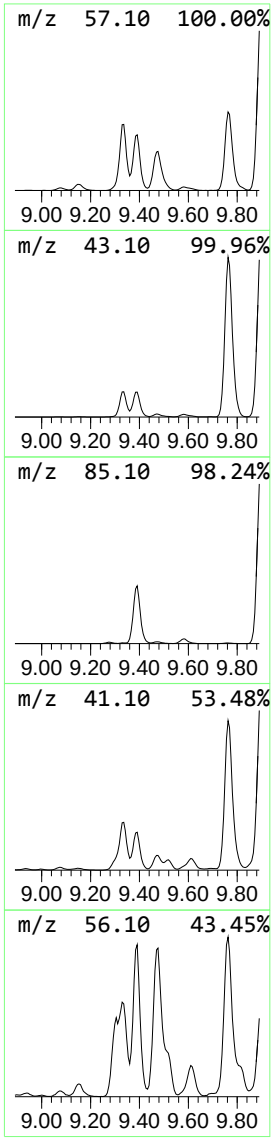
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.390	39.31 ug/L	3604620	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

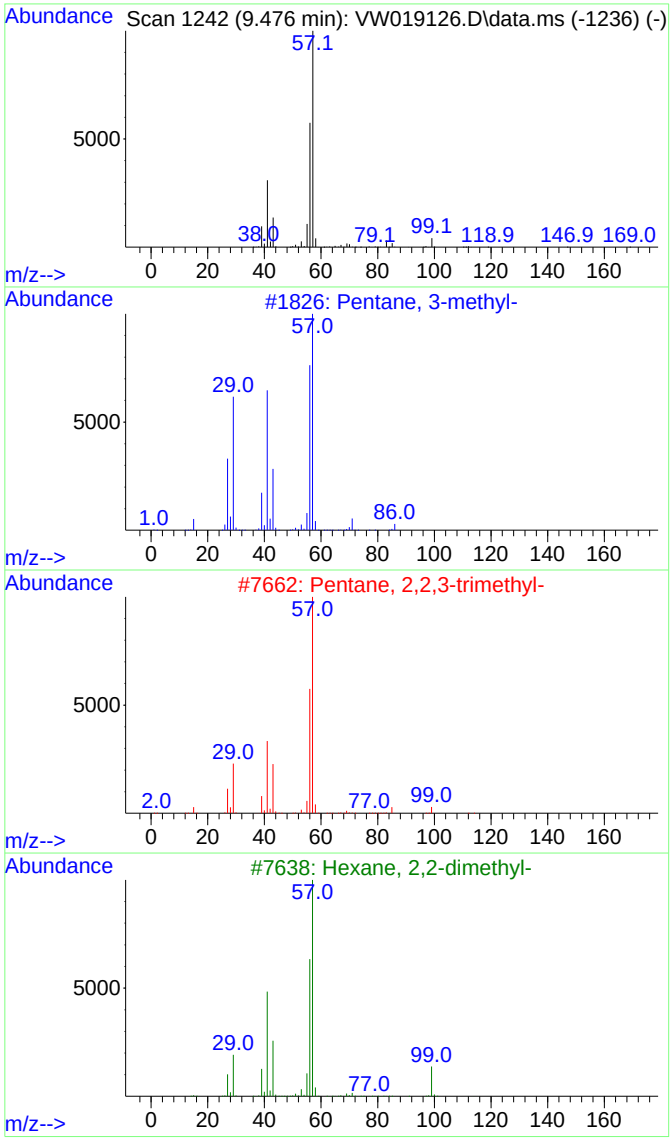
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

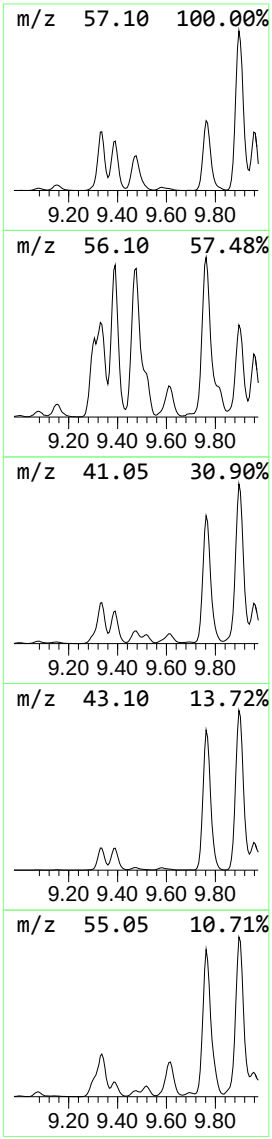
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.476	13.94 ug/L	1278410	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

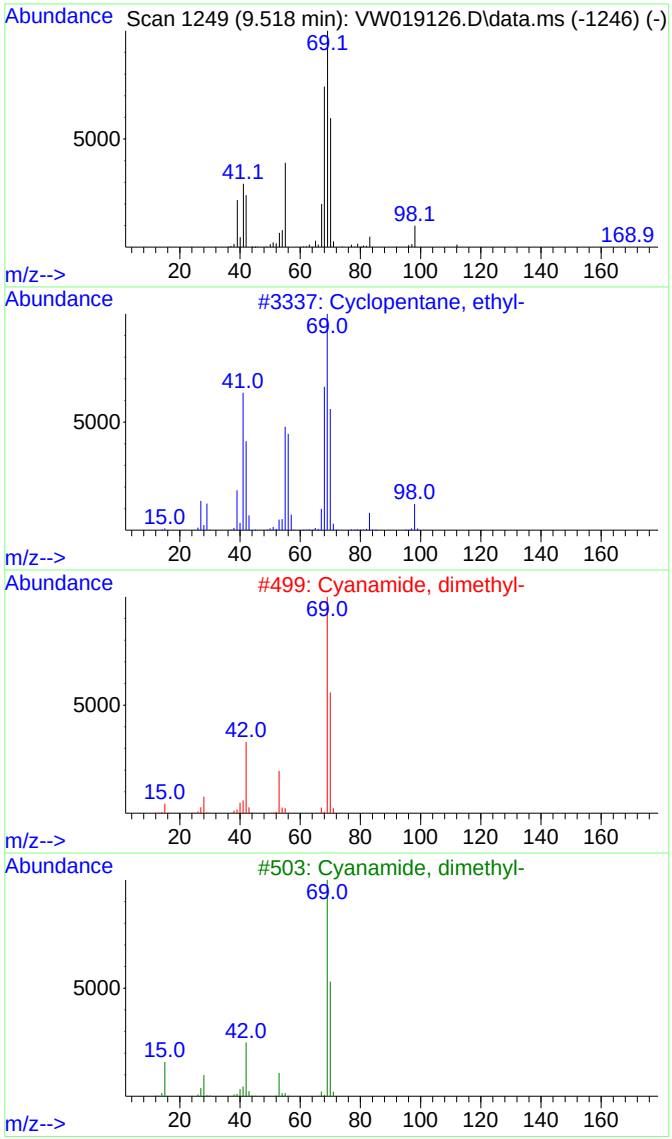
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

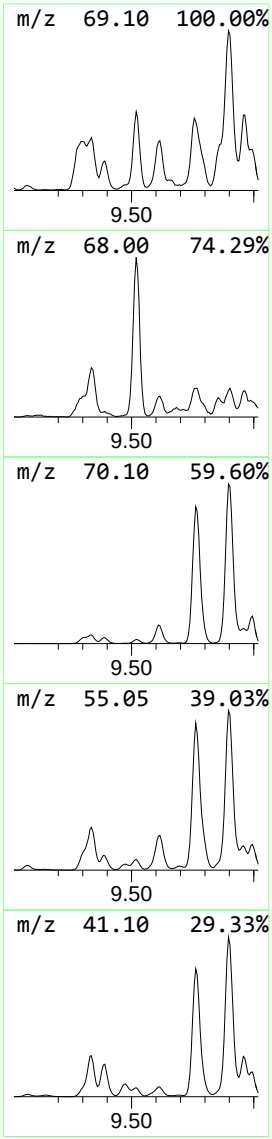
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.518 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	8.03 ug/L	735892	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
2	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
3	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	32
4	Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	23
5	1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

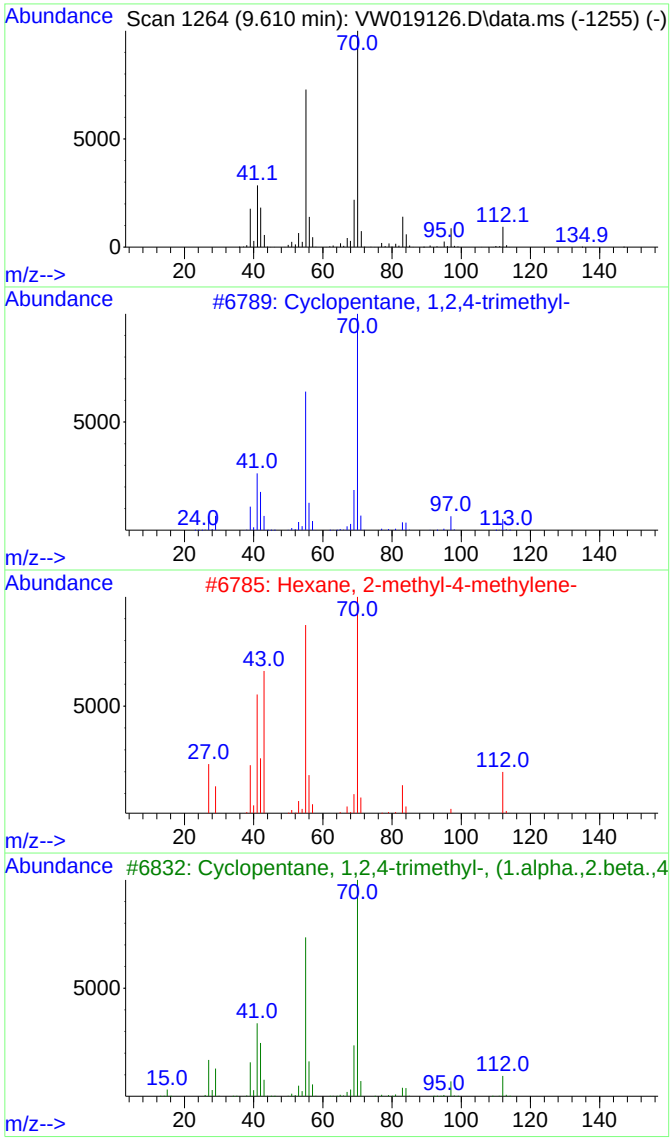
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

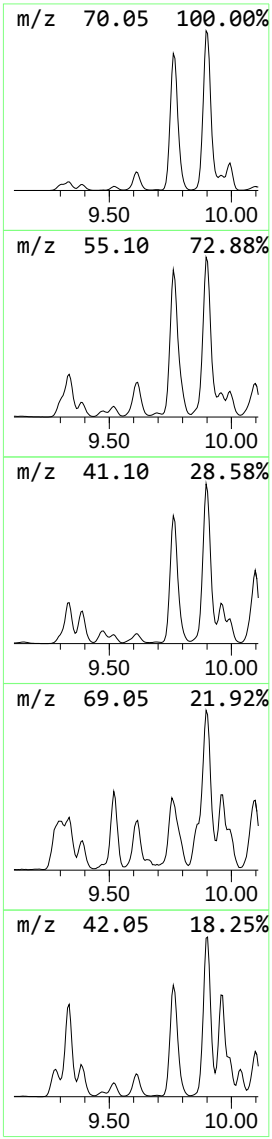
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic9.610 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	20.06 ug/L	1839750	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

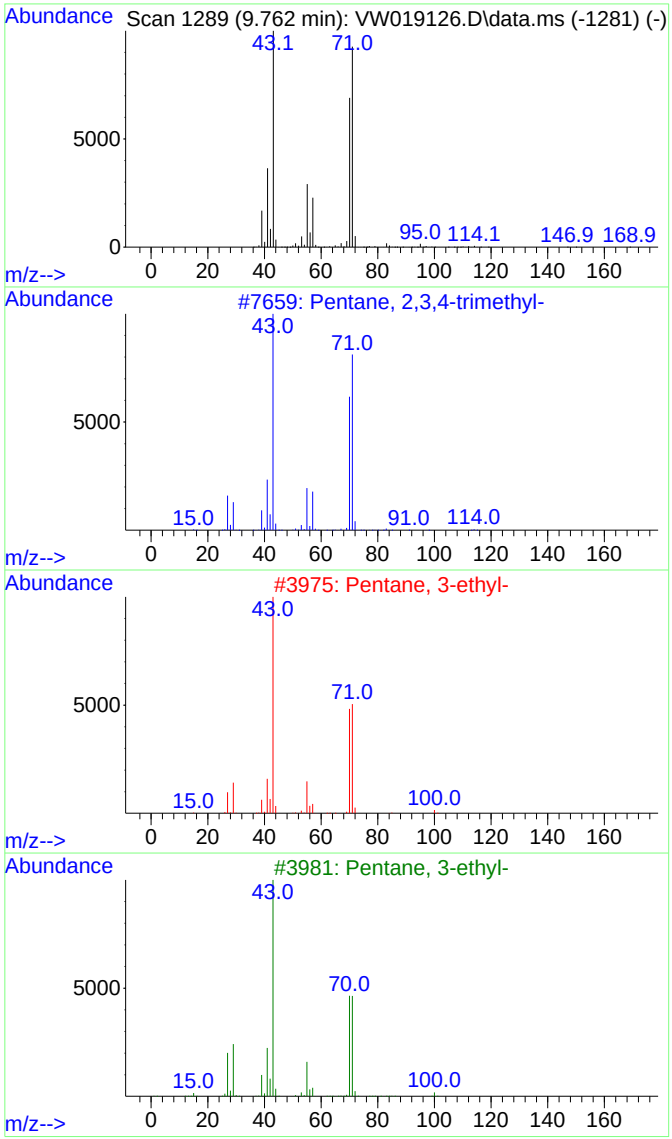
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

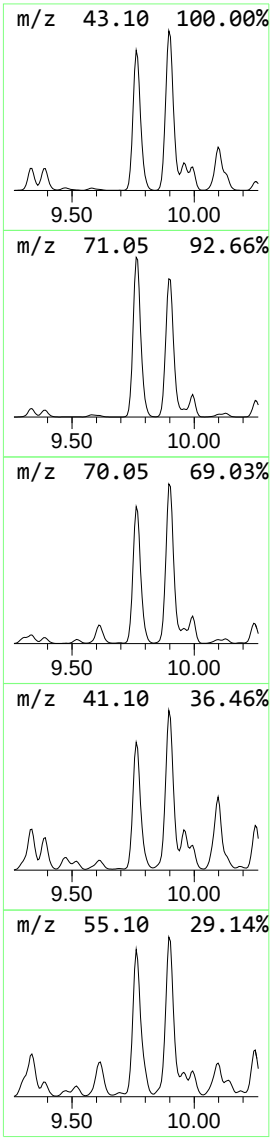
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	216.35 ug/L	19838500	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

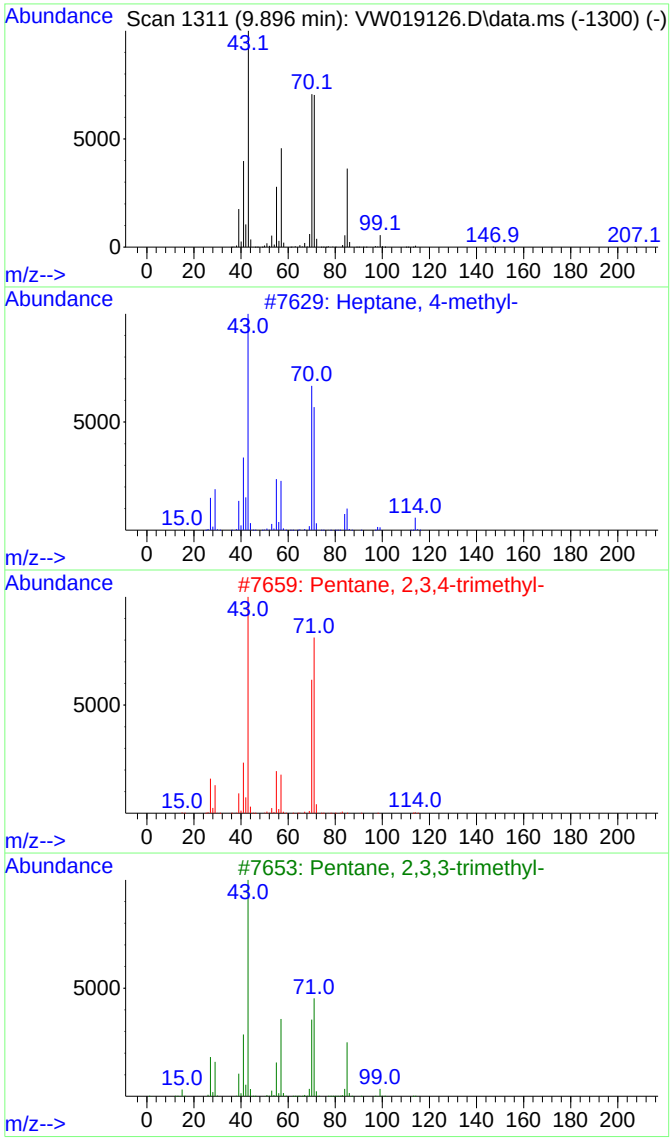
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

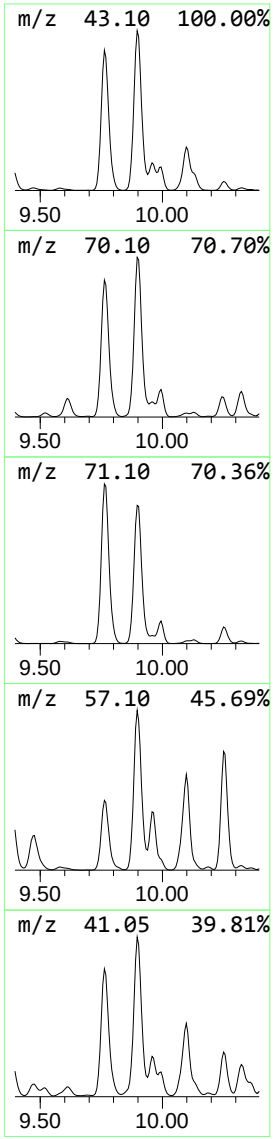
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	283.88 ug/L	26030900	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	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	72
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

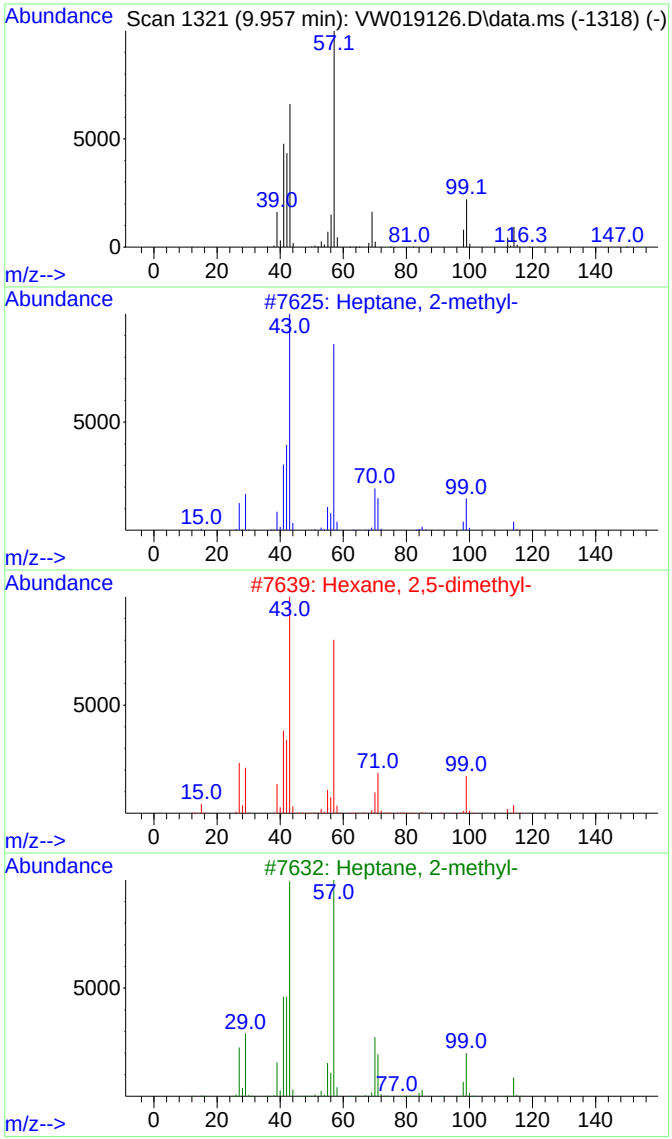
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

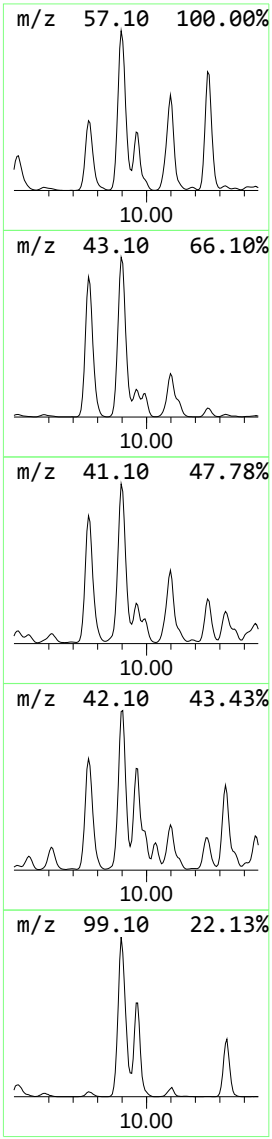
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	16.57 ug/L	1519620	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	86
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

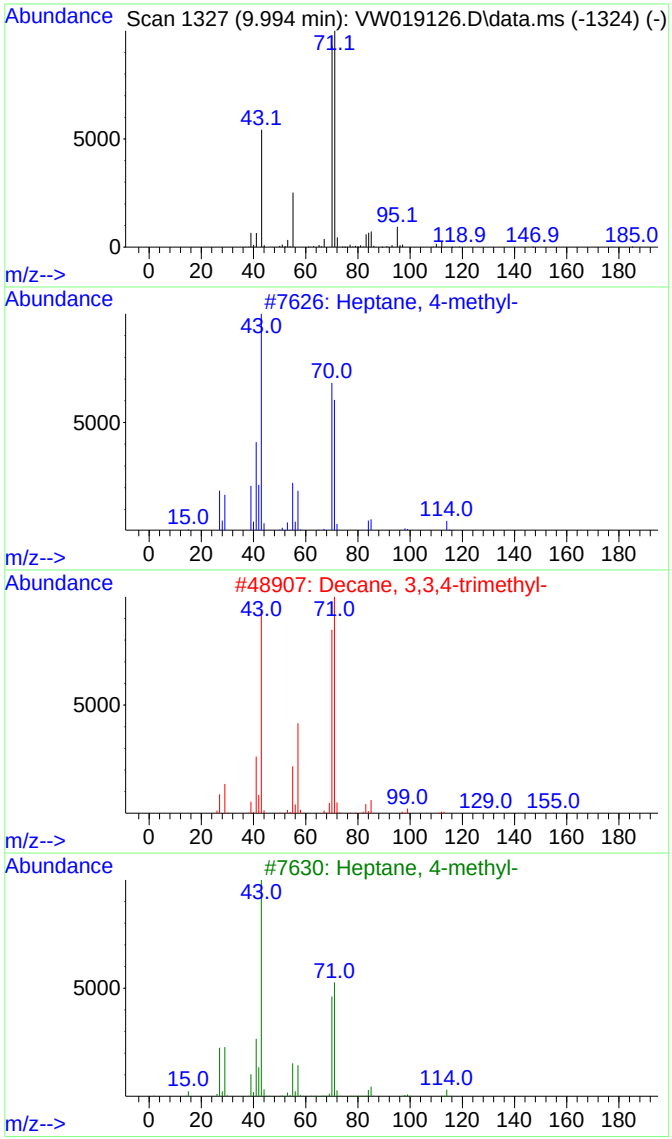
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

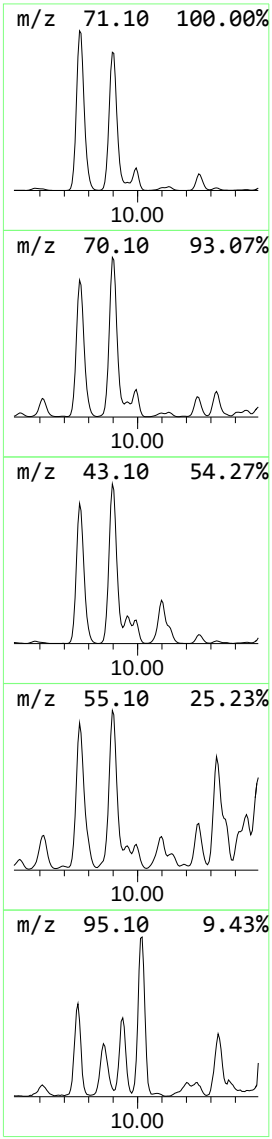
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	22.47 ug/L	2060480	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	40
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	40
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	39
5	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	28





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

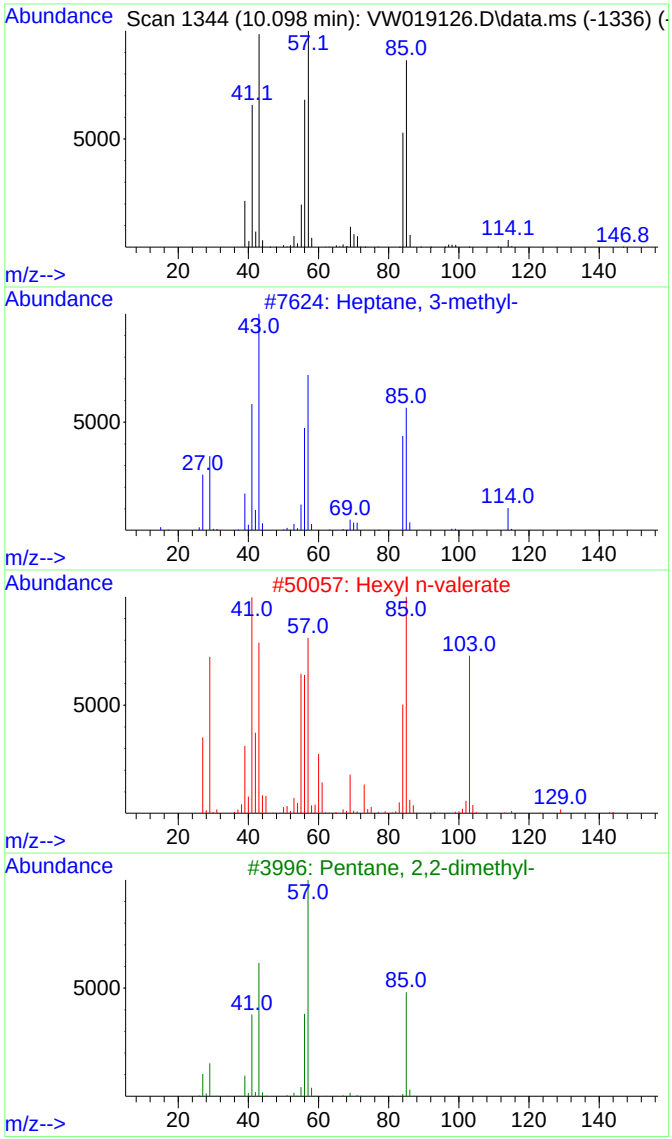
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

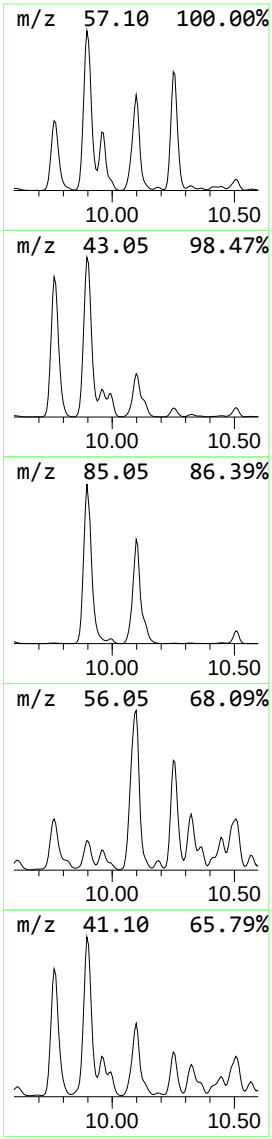
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	102.47 ug/L	9396520	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexyl n-valerate	186	C11H22O2	001117-59-5	64
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

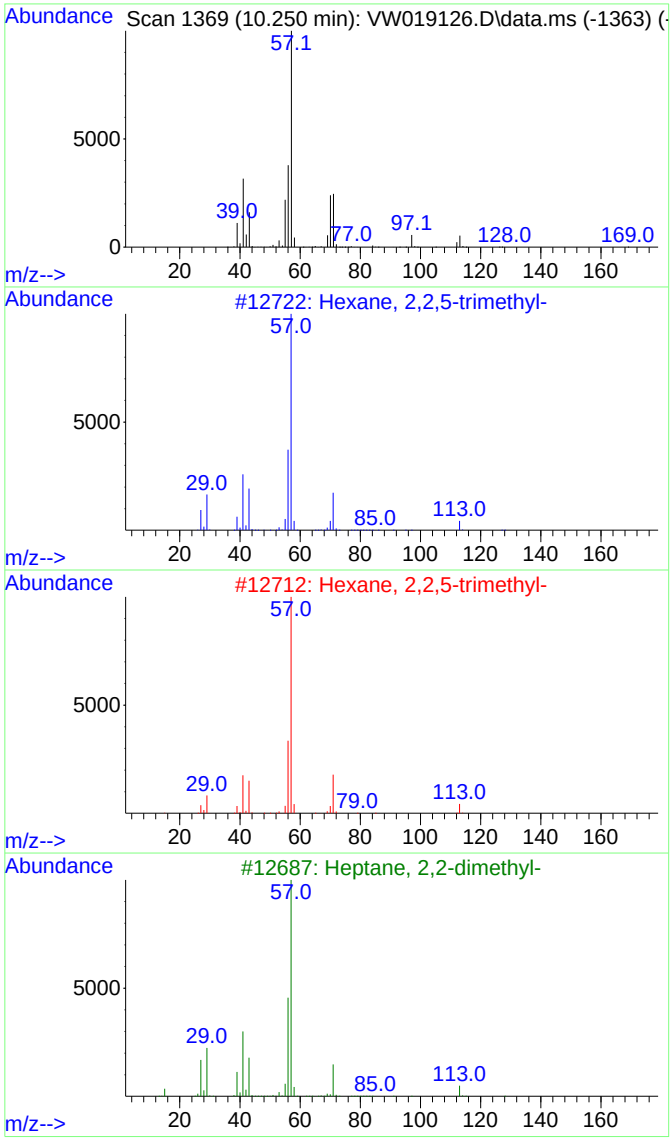
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

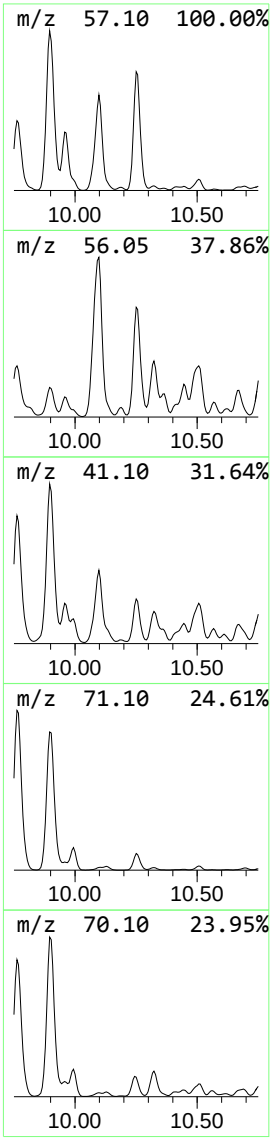
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	29.25 ug/L	4644990	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	42
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

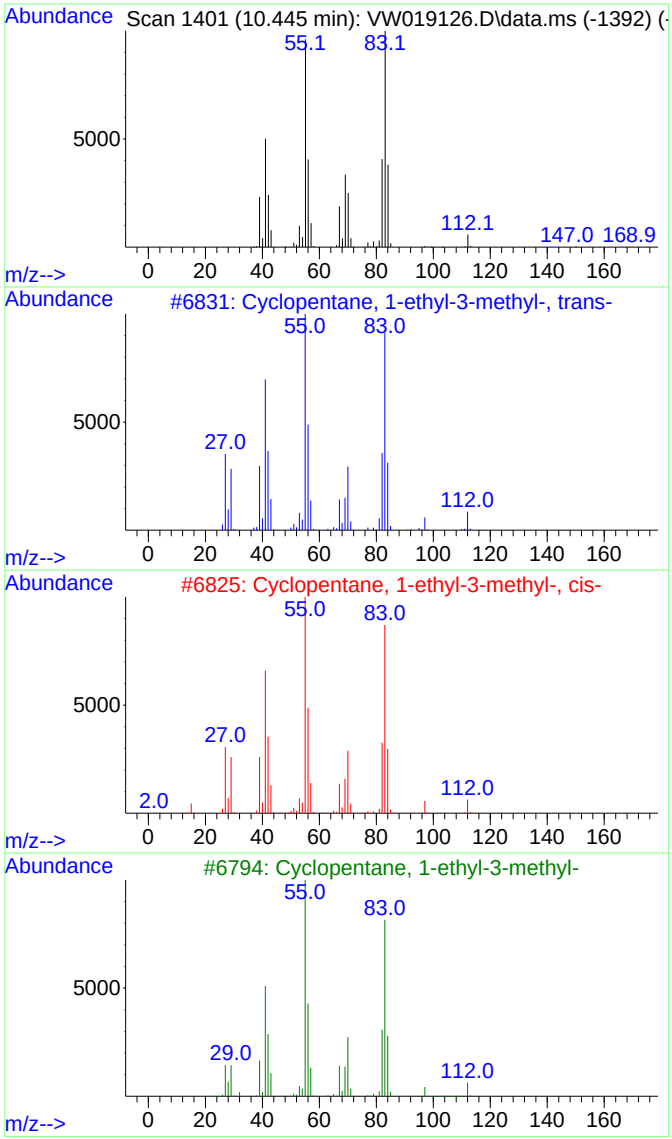
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

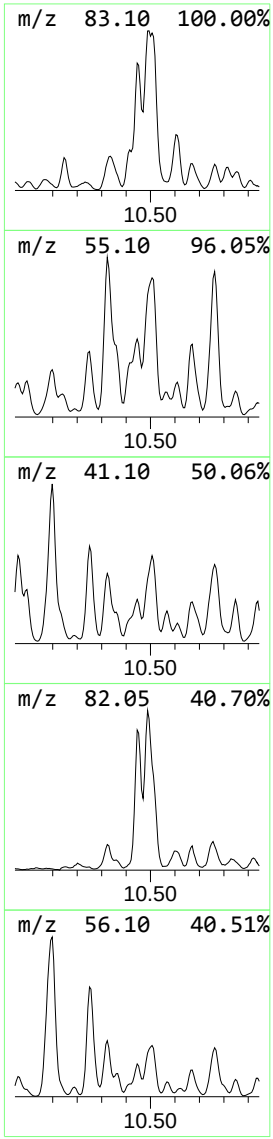
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic10.445 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	14.56 ug/L	2312960	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	91
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	91
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	87
4	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	53
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

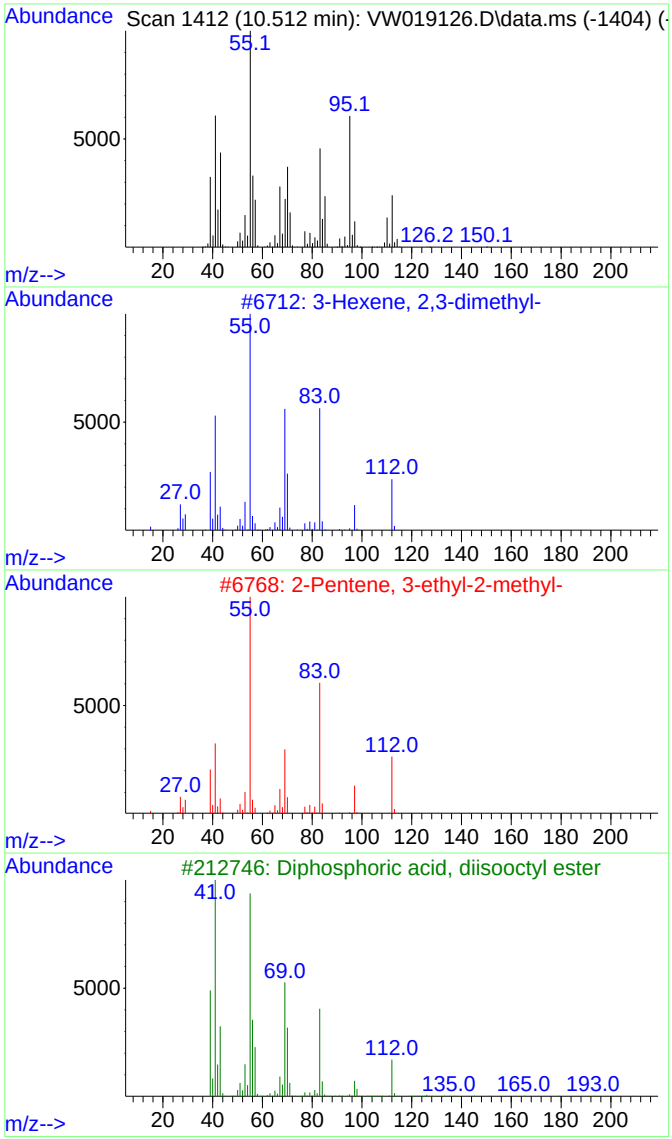
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

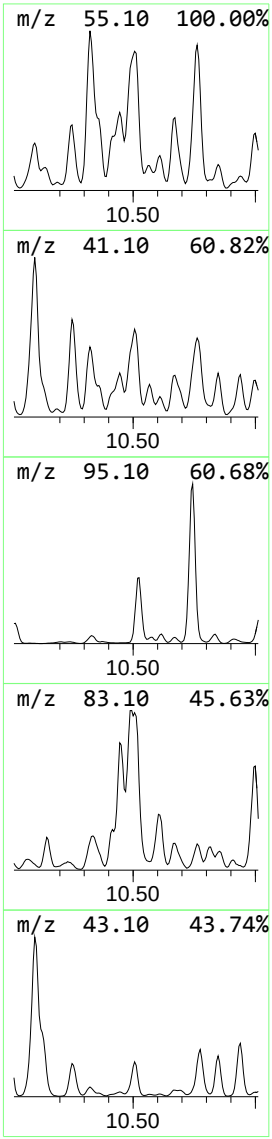
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.512	39.15 ug/L	6217240	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	50
2	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	42
3	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	41
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	38





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

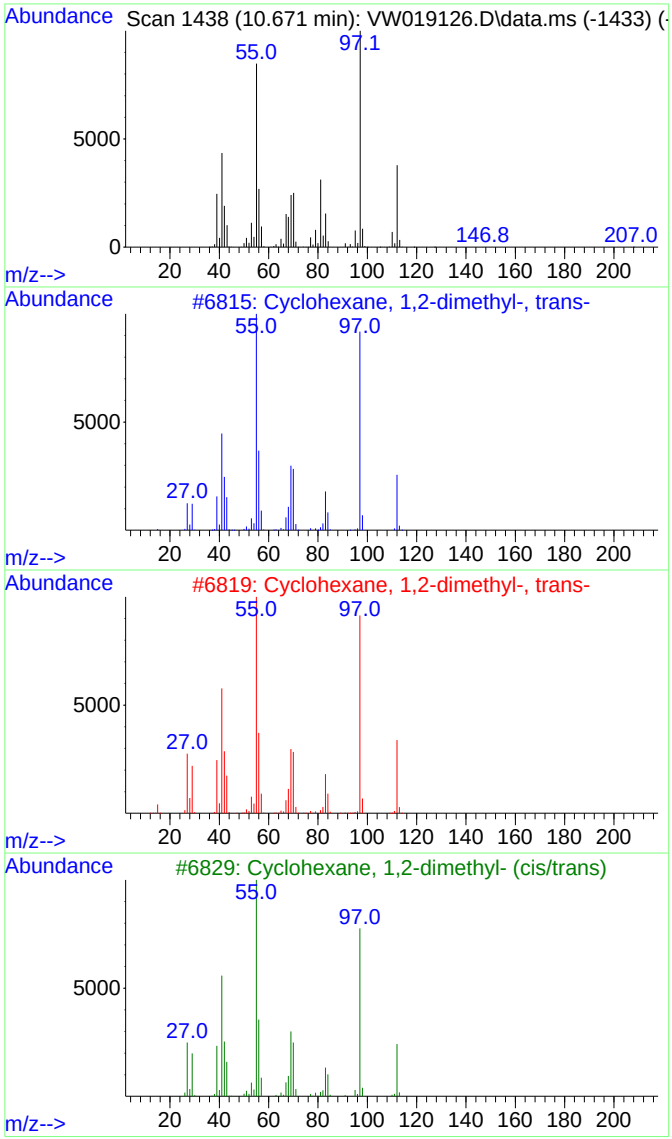
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

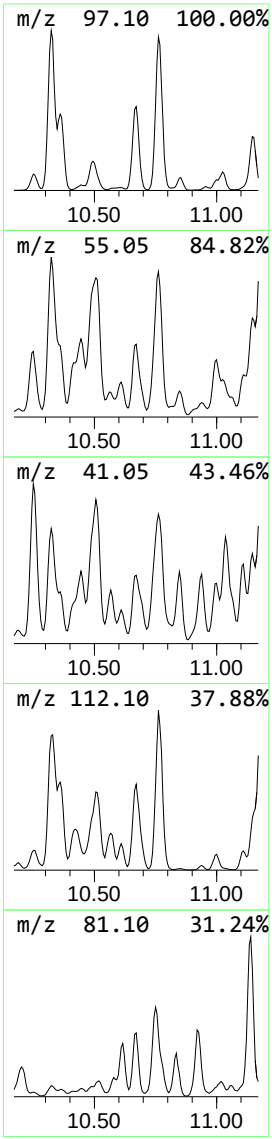
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.671 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.671	17.50 ug/L	2778920	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

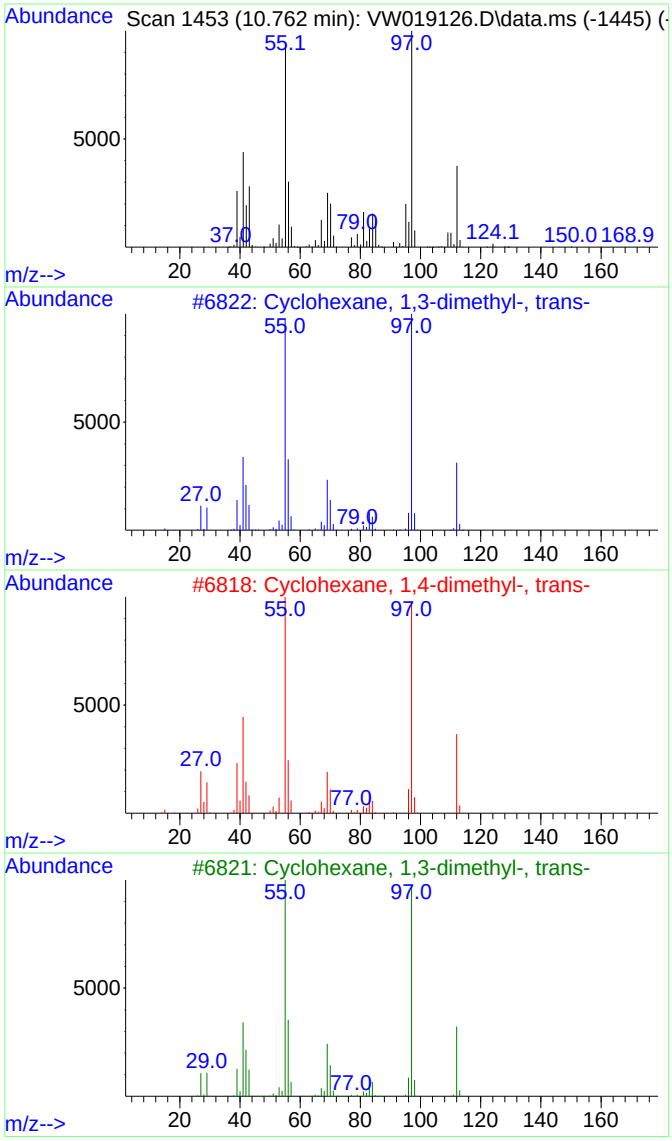
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

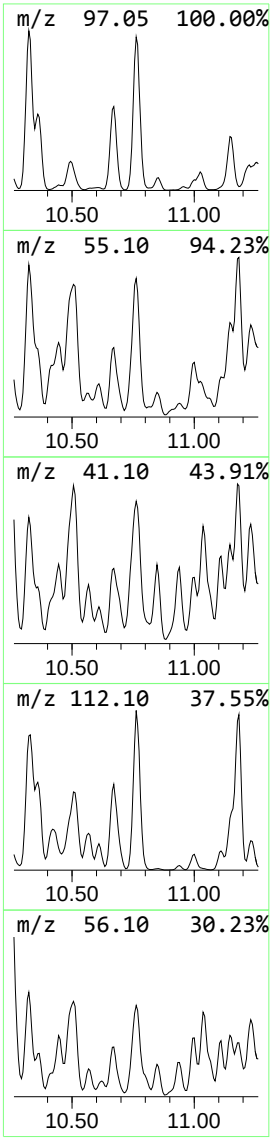
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.762 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	49.11 ug/L	7798870	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	81
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

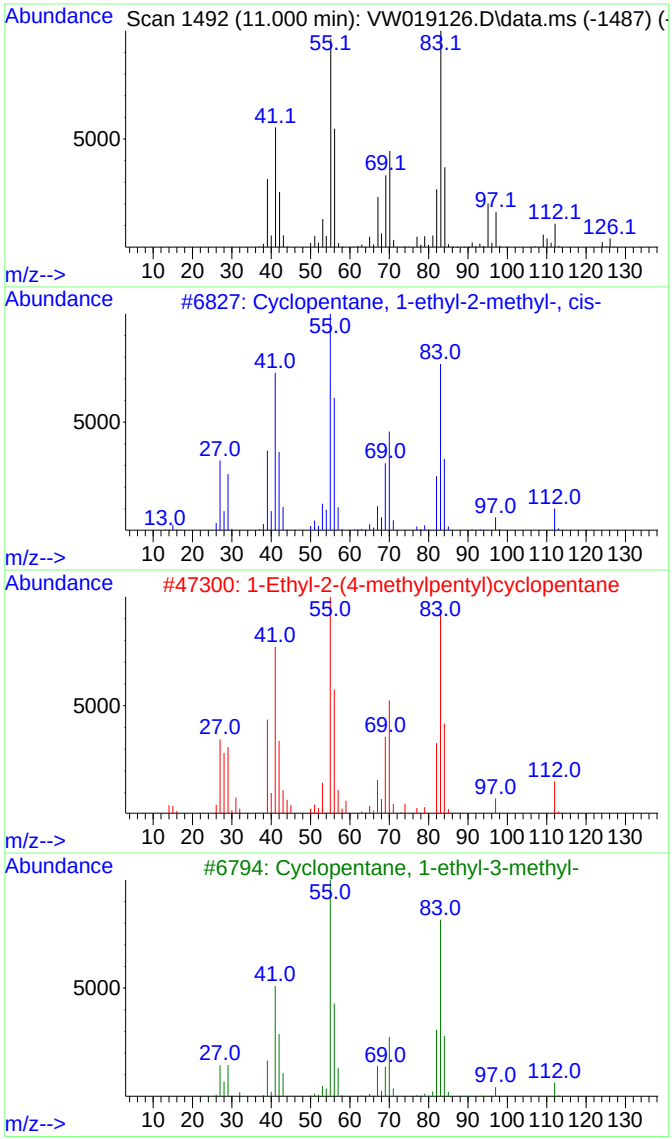
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

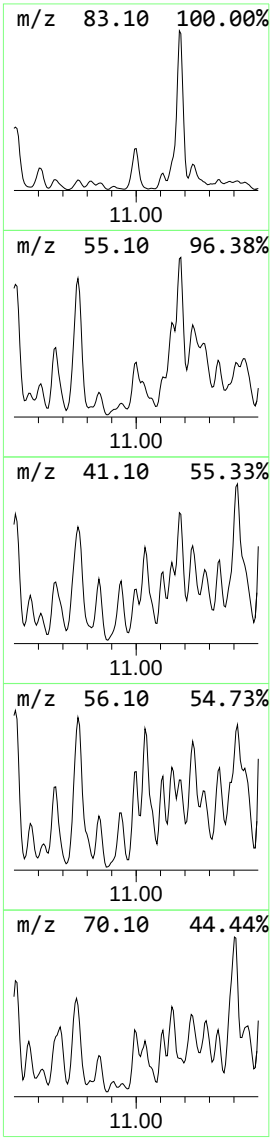
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic11.000 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.000	10.92 ug/L	1733500	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	80
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	80
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	72
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

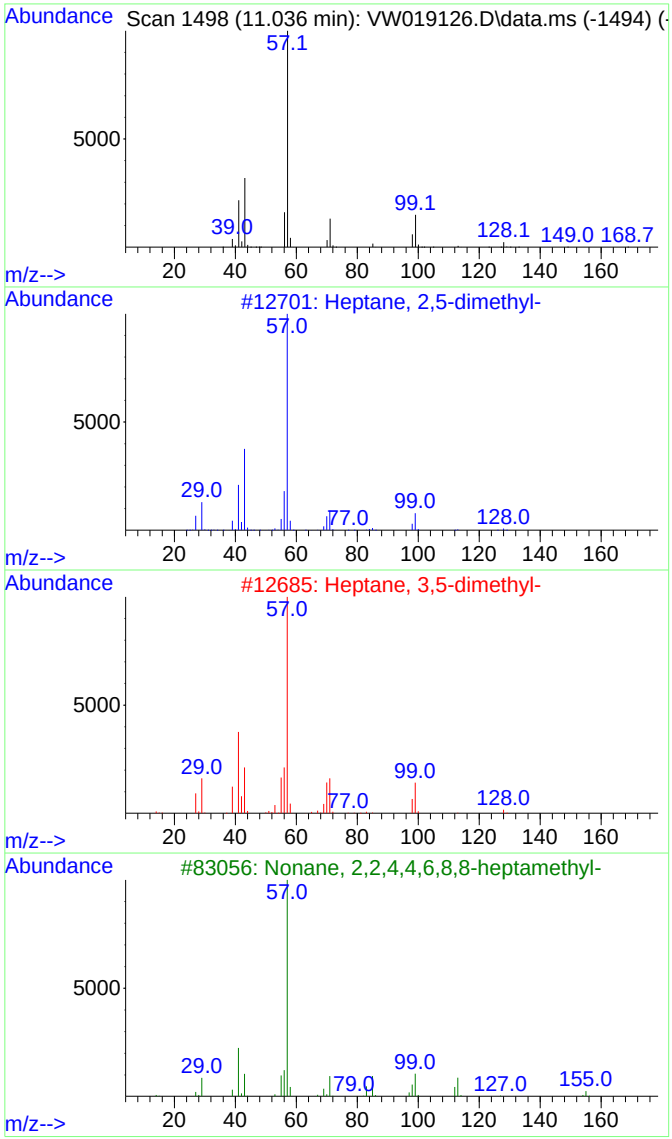
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

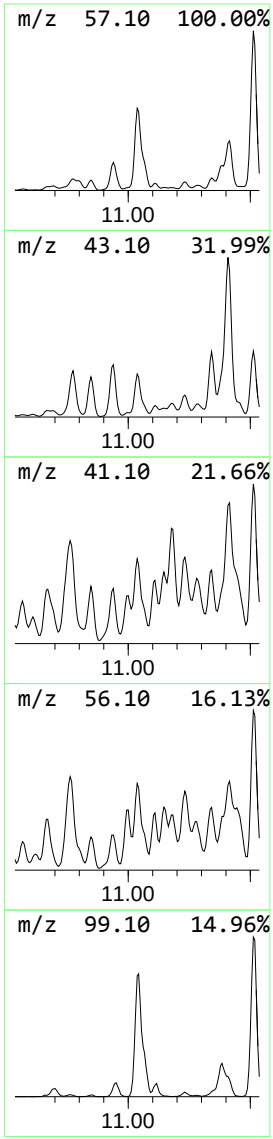
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	19.74 ug/L	3134470	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	78
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	72
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

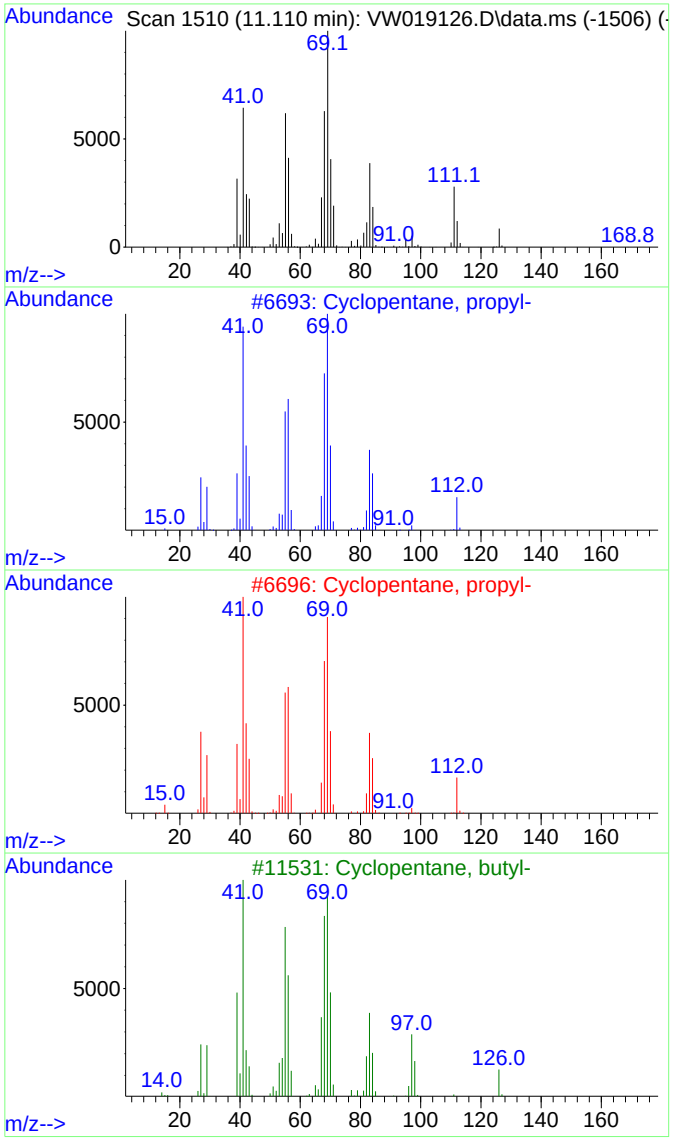
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

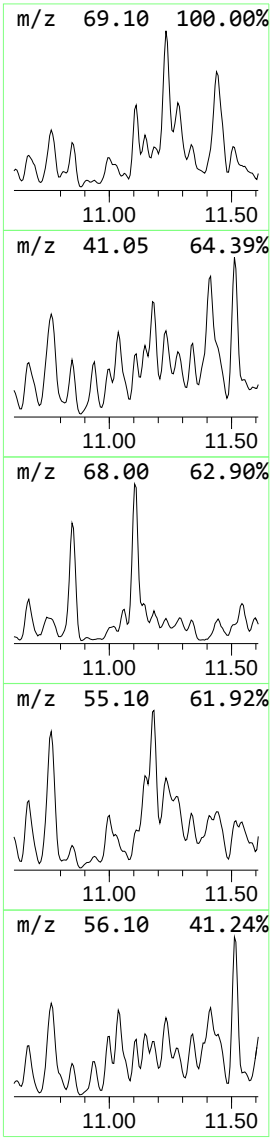
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.110 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	10.20 ug/L	1620280	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	93
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	87
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	55
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	55
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

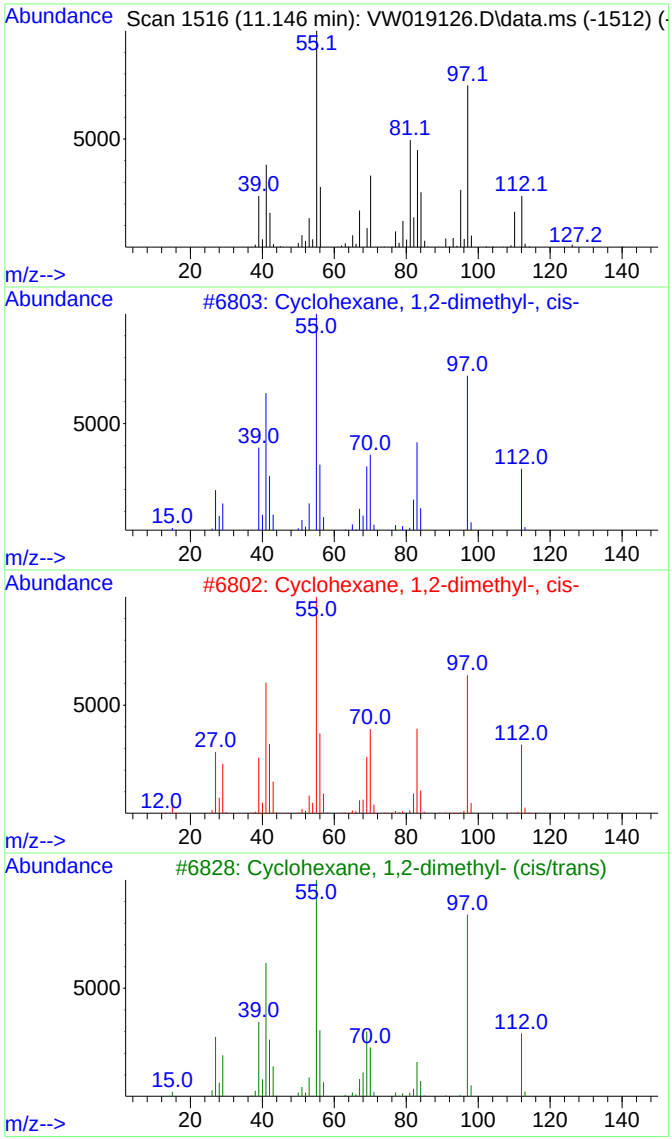
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

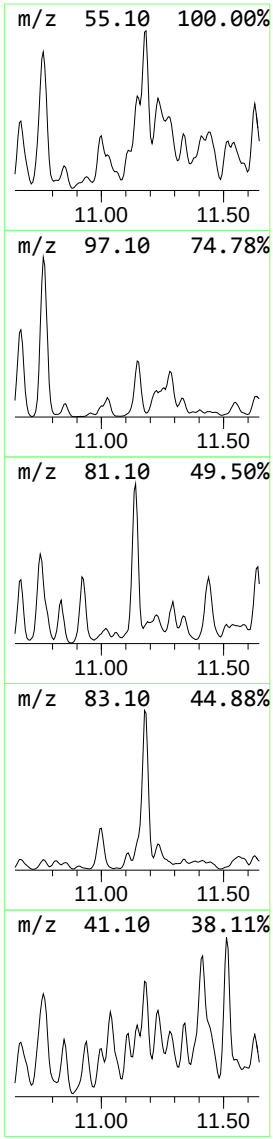
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.146 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	9.40 ug/L	1493640	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	74
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	62
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	53
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	49





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

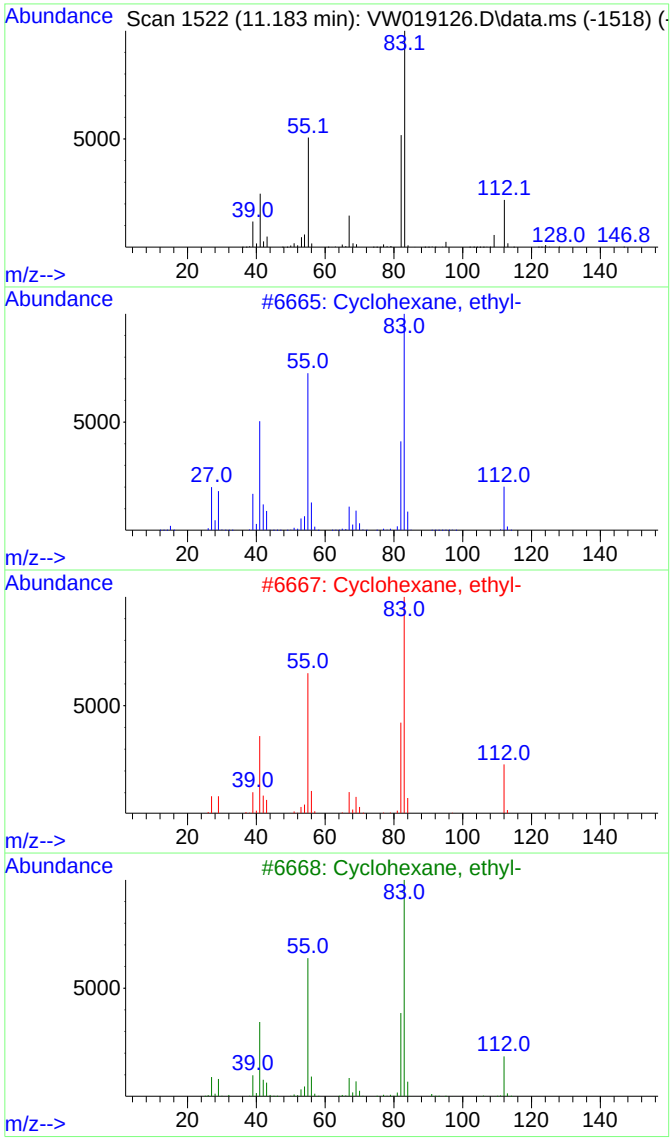
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

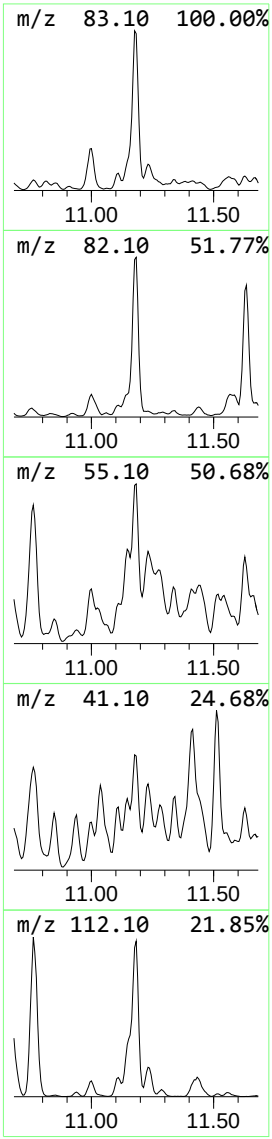
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.183 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	16.94 ug/L	2690400	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

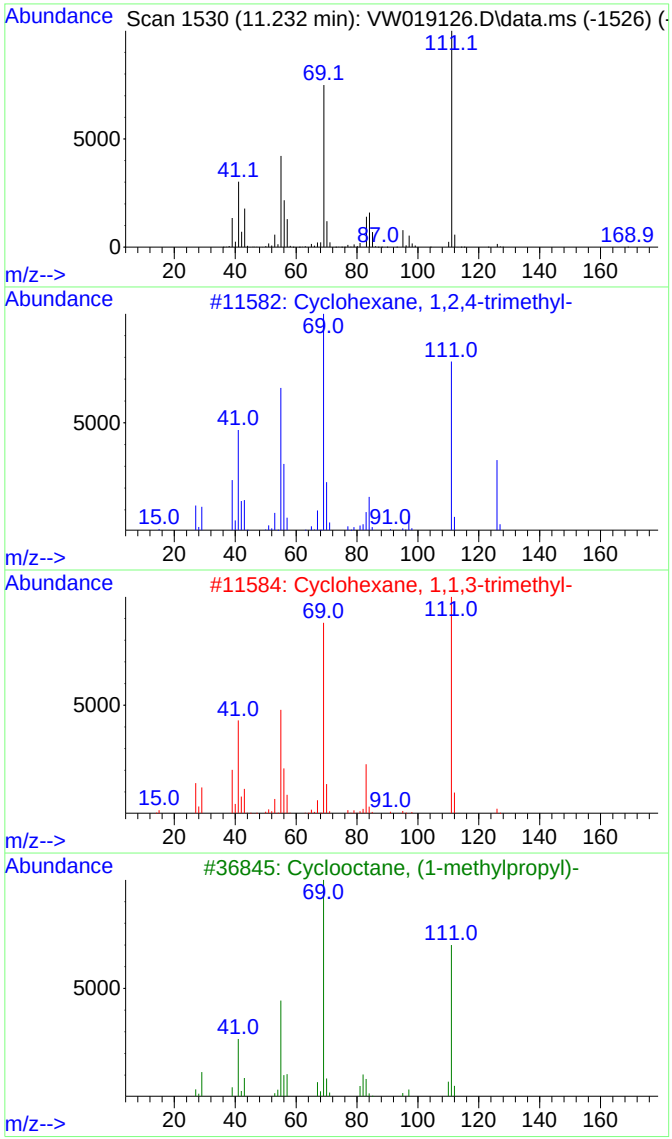
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

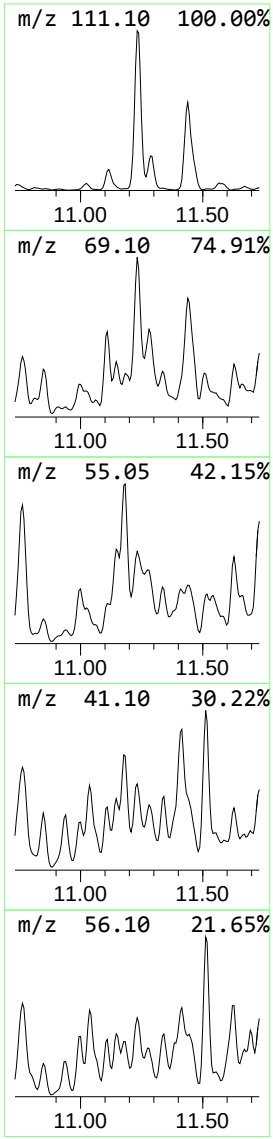
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic11.232 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	13.70 ug/L	2176480	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	42
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	42





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

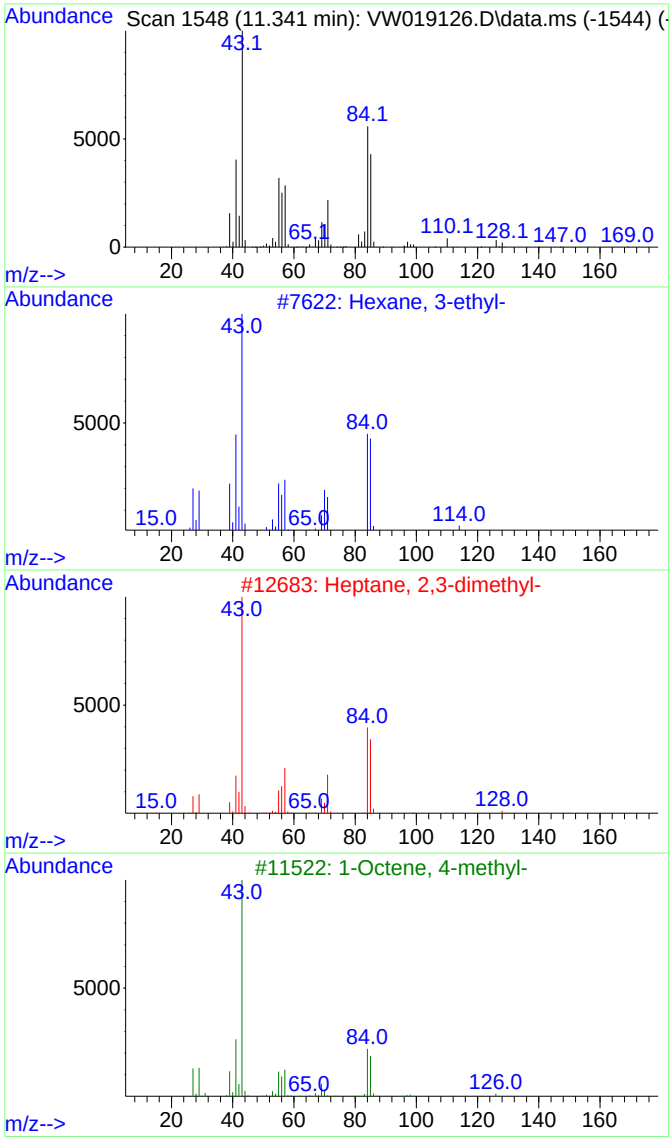
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

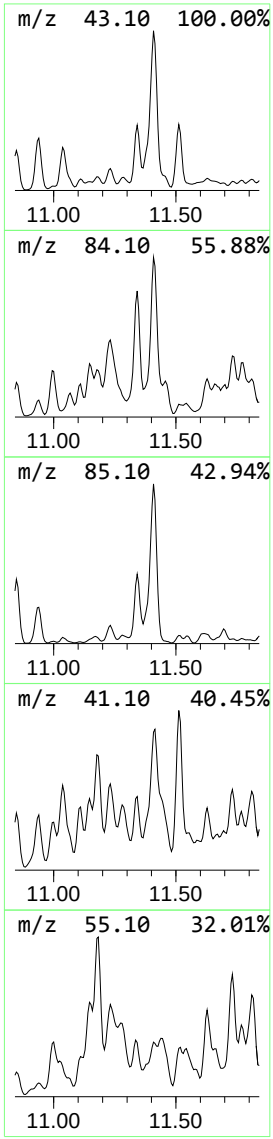
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	10.09 ug/L	1602020	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3	1-Octene, 4-methyl-	126	C9H18	013151-12-7	70
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

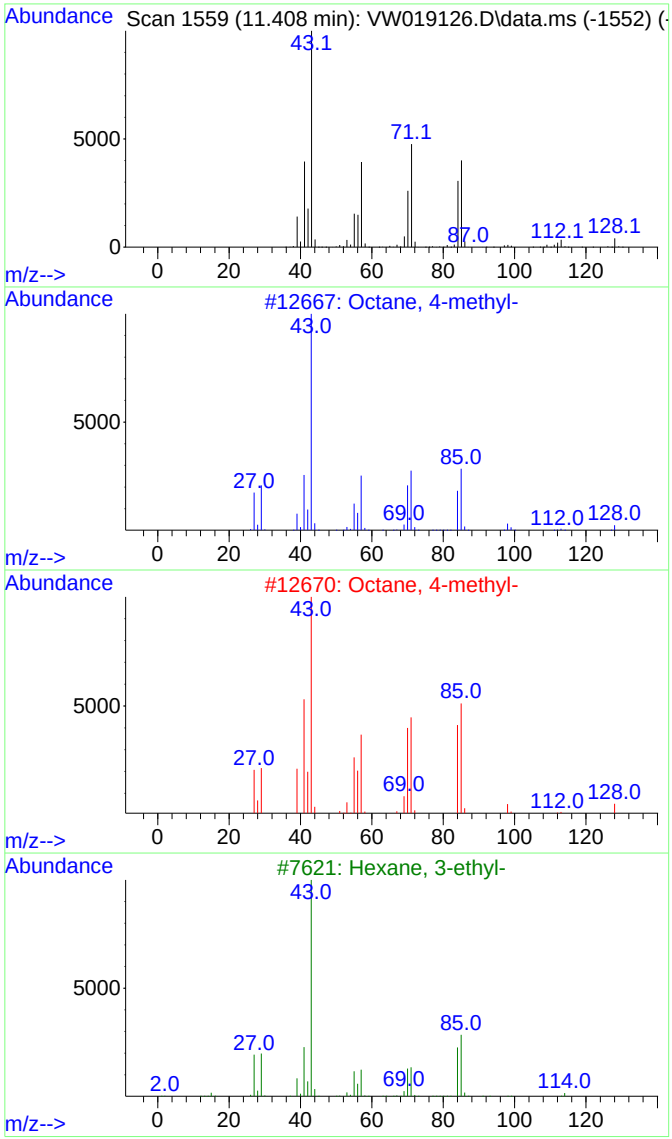
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

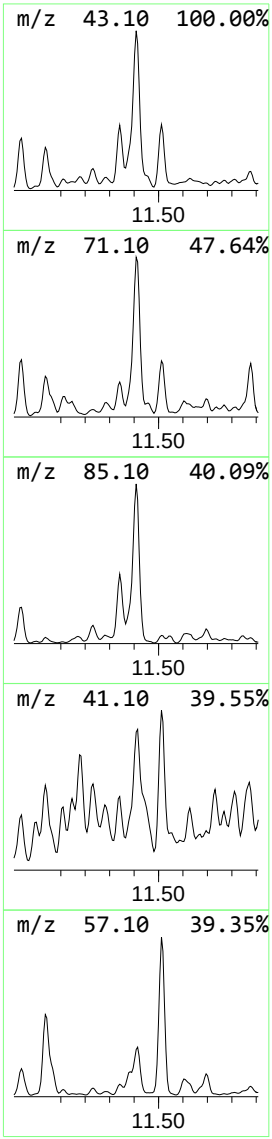
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	34.24 ug/L	5438380	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Octane, 4-methyl-	128	C9H20	002216-34-4	68
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

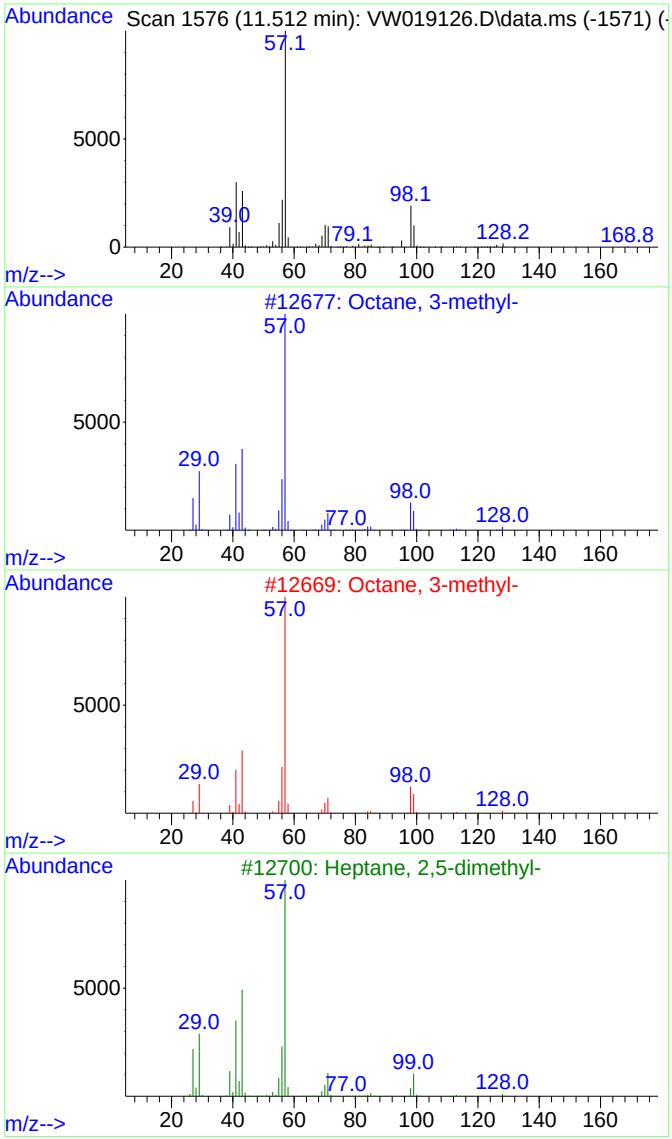
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

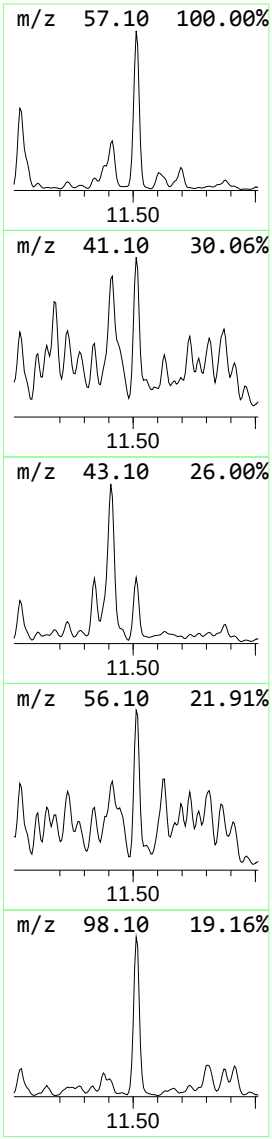
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	37.56 ug/L	5965290	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

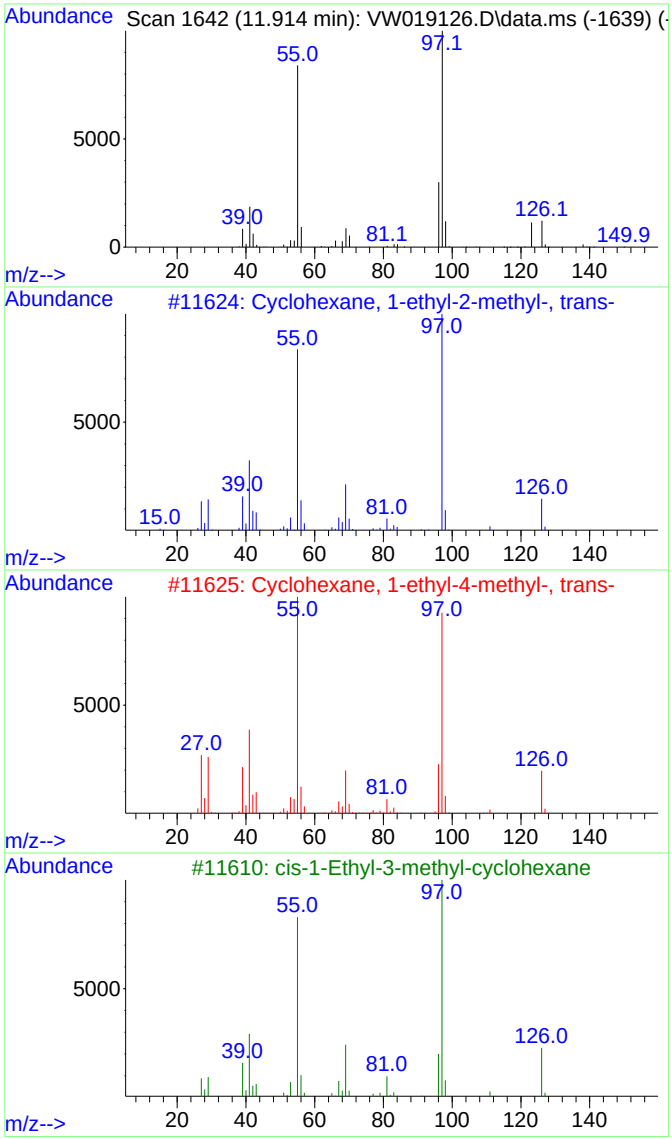
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

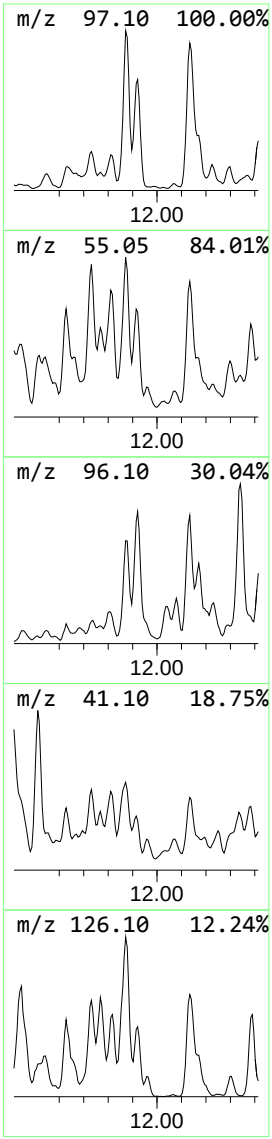
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic11.914 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	10.22 ug/L	1622600	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
4	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

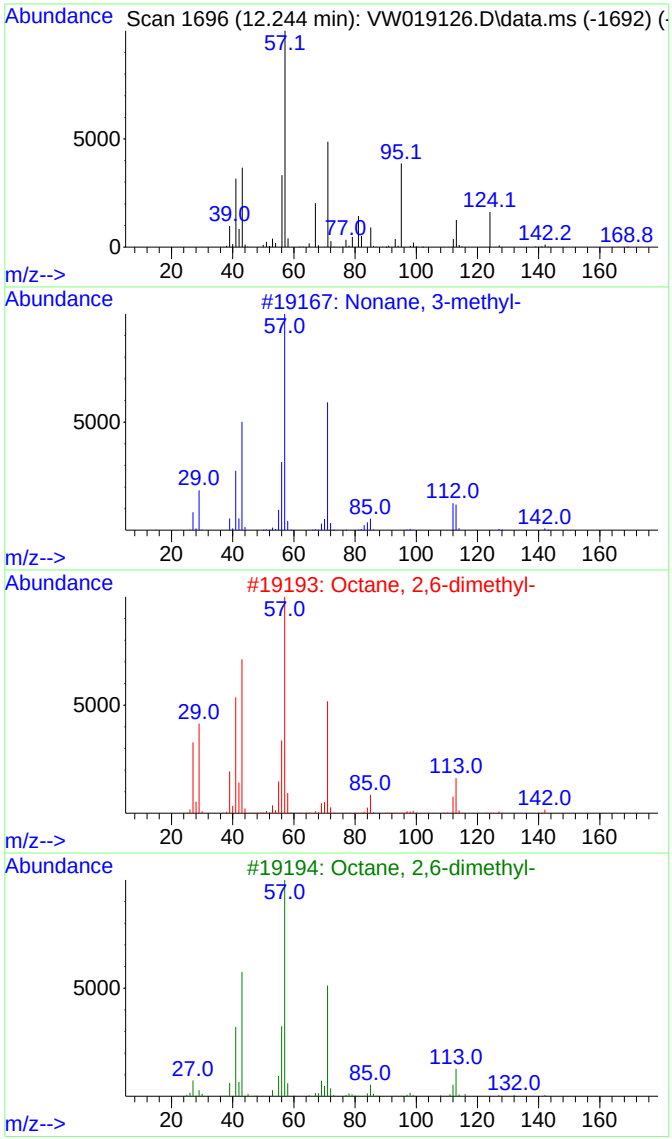
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

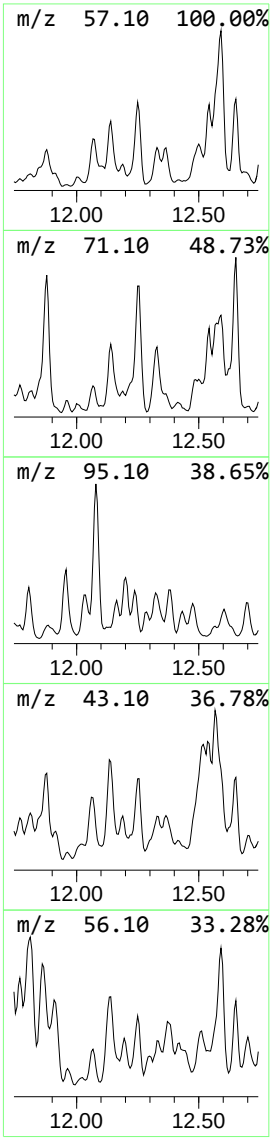
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	7.54 ug/L	1196670	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	45
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	38





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

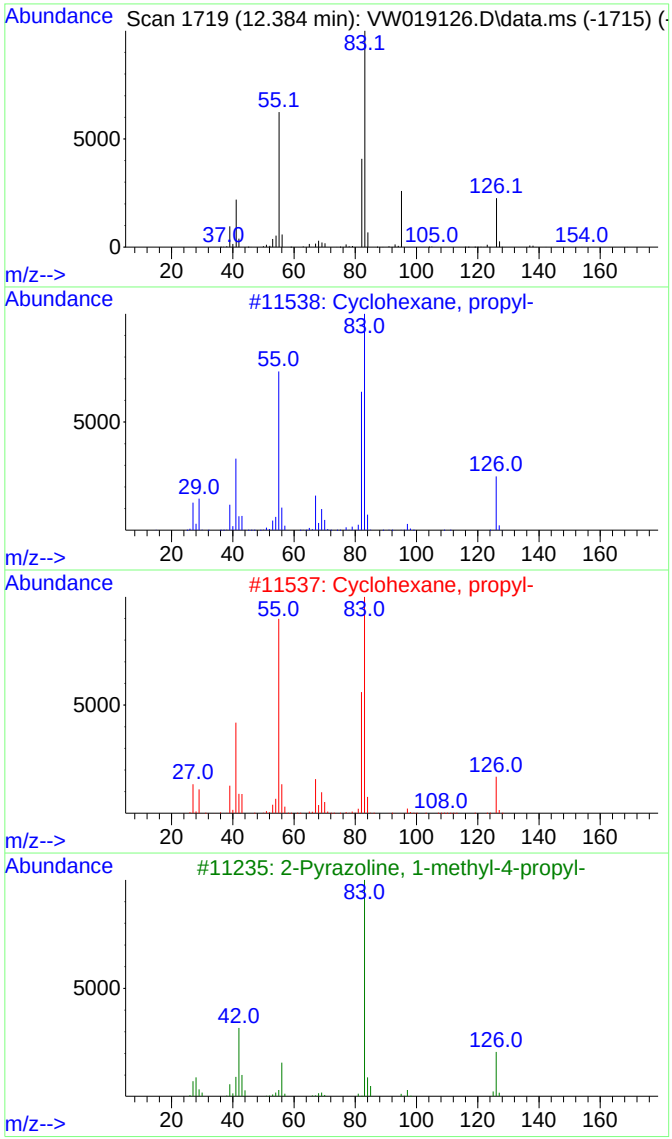
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

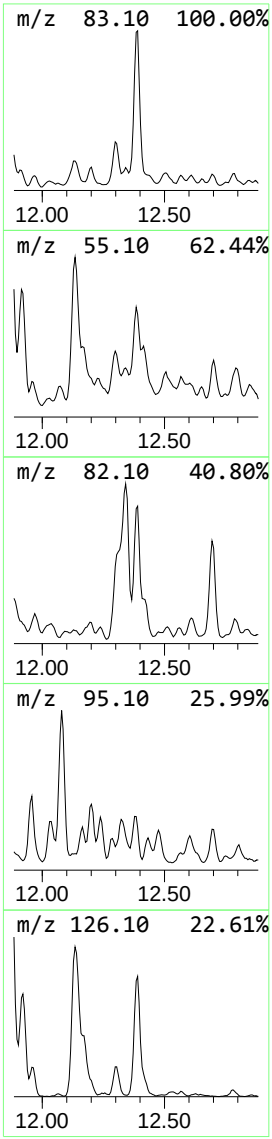
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic12.384 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.384	9.92 ug/L	1575840	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
3	2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	47
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
5	Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

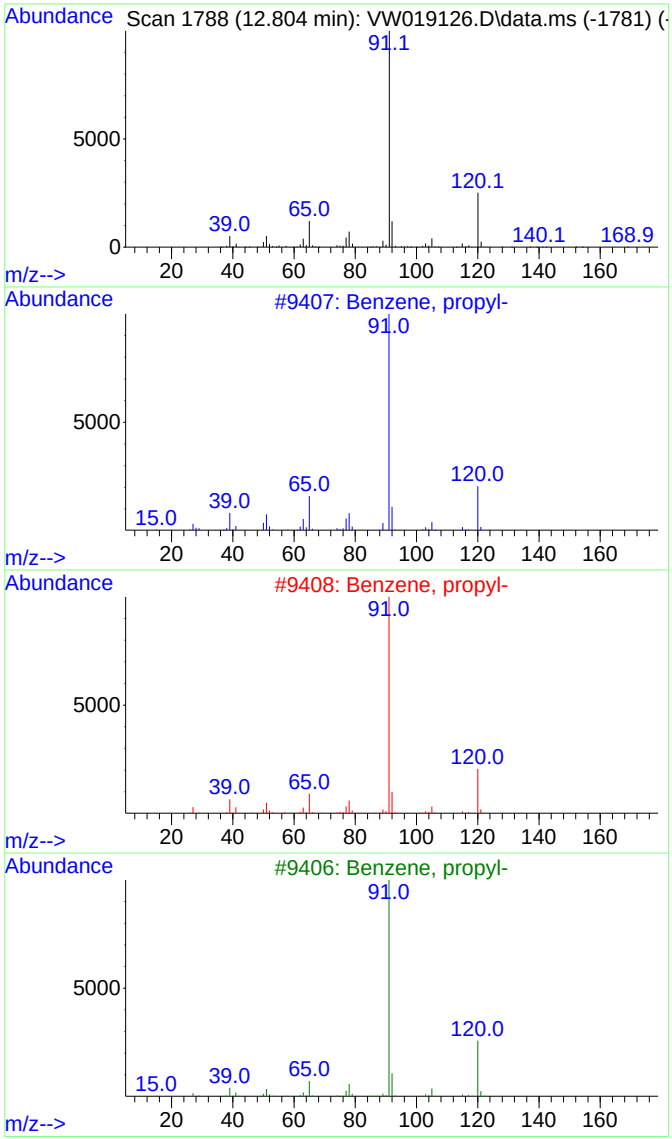
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

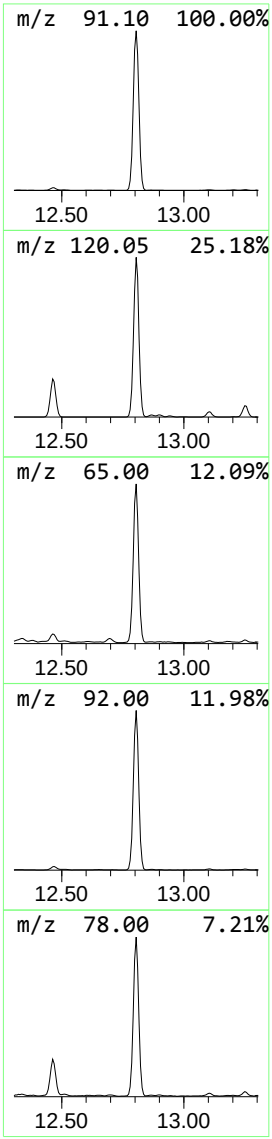
****

Peak Number 37 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	376.16 ug/L	18097400	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

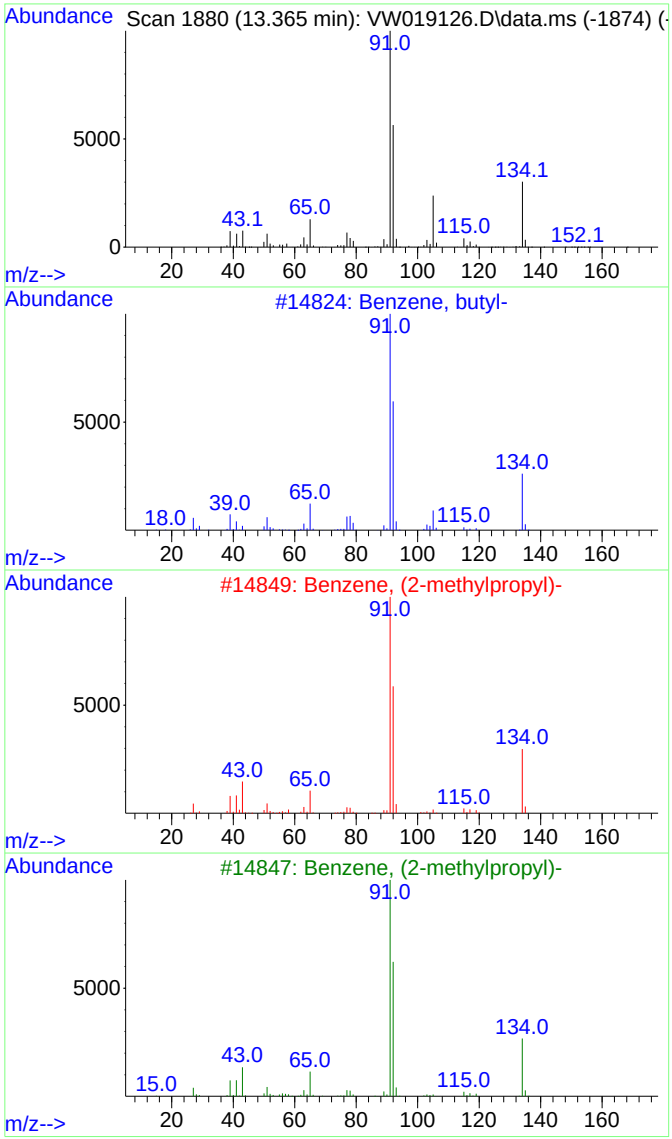
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

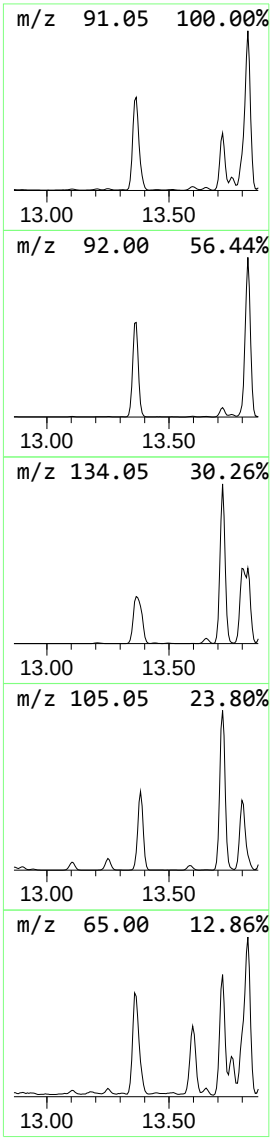
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	240.77 ug/L	11583800	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, butyl-	134	C10H14	000104-51-8	81
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
4	Benzene, butyl-	134	C10H14	000104-51-8	81
5	Benzene, butyl-	134	C10H14	000104-51-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

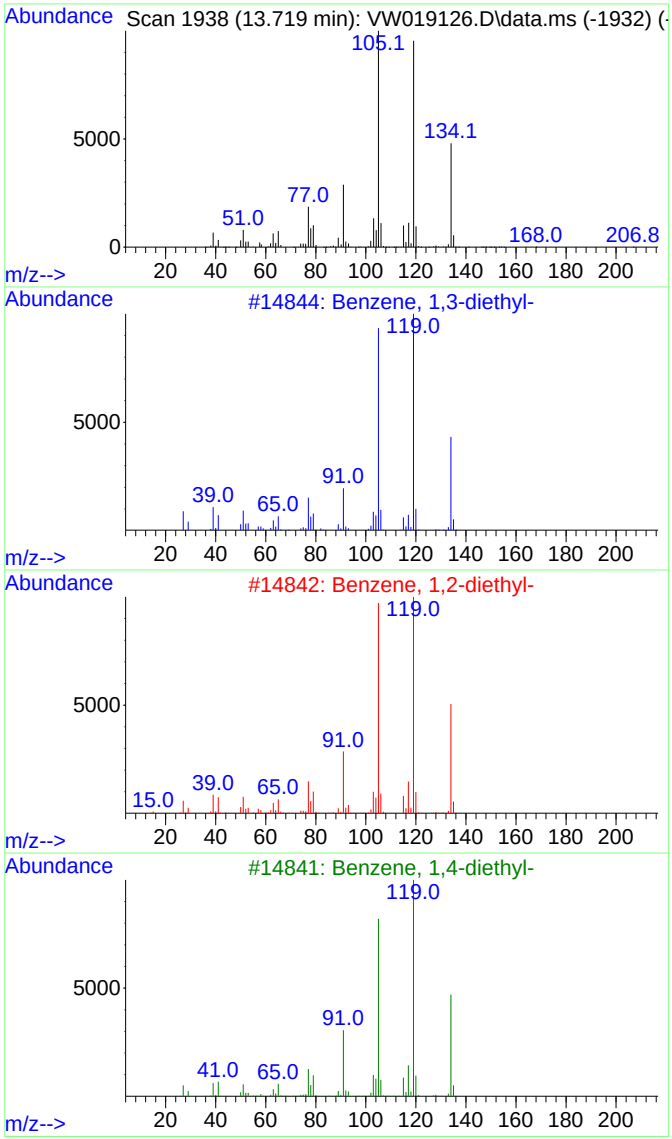
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

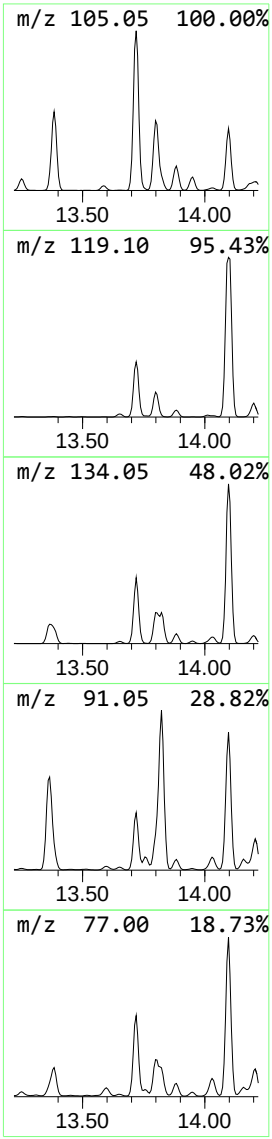
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	443.79 ug/L	21351300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

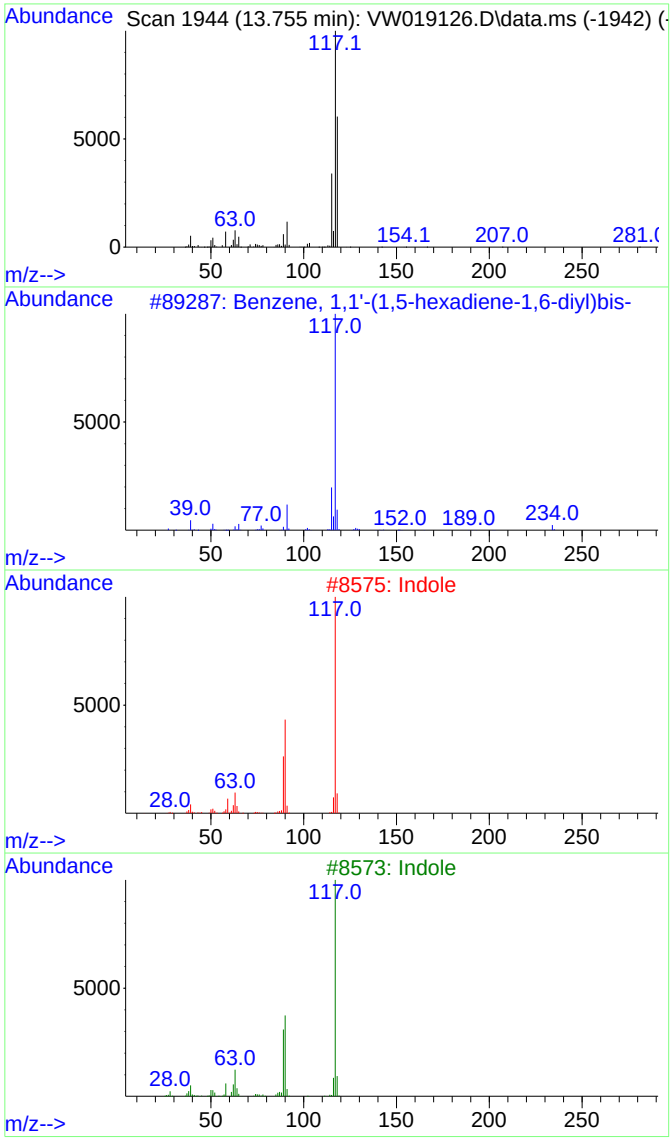
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

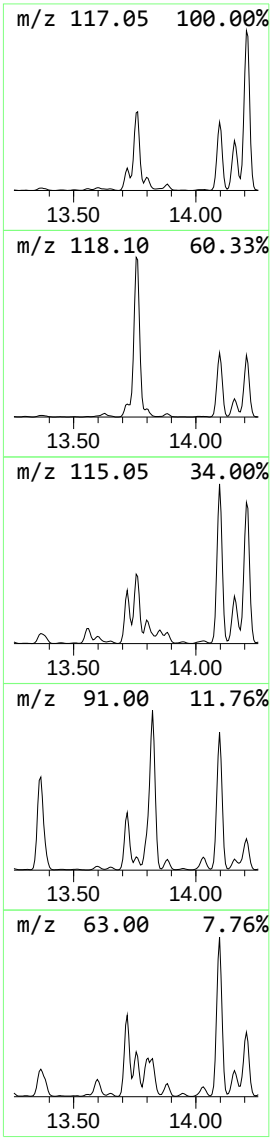
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	60.77 ug/L	2923560	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Indole	117	C8H7N	000120-72-9	46
3	Indole	117	C8H7N	000120-72-9	43
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

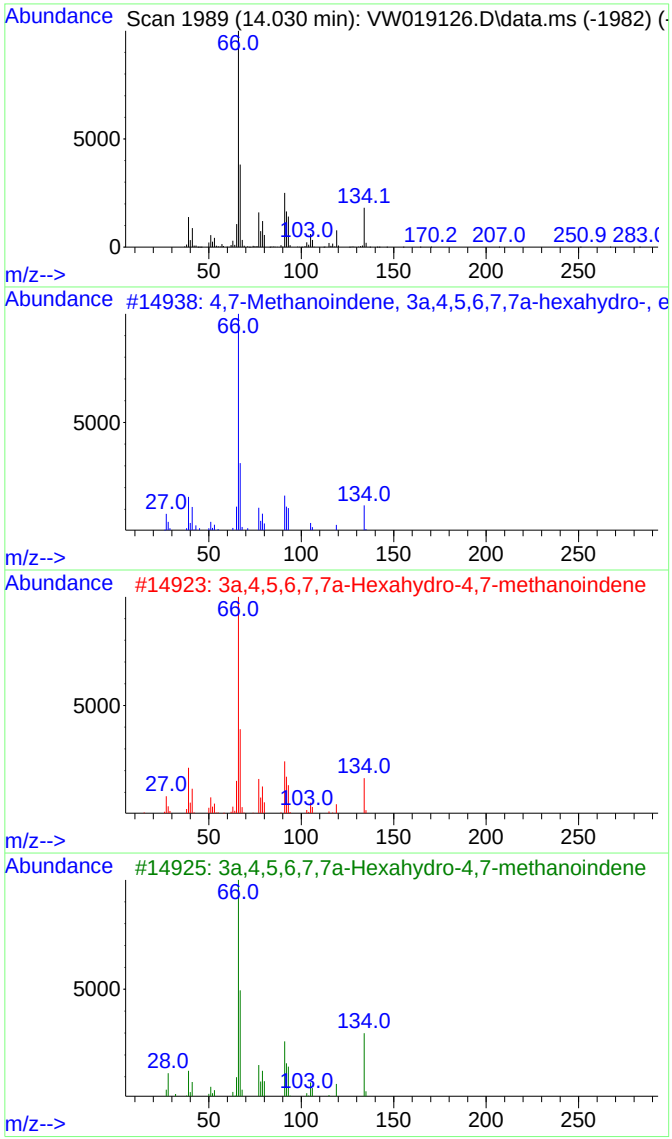
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

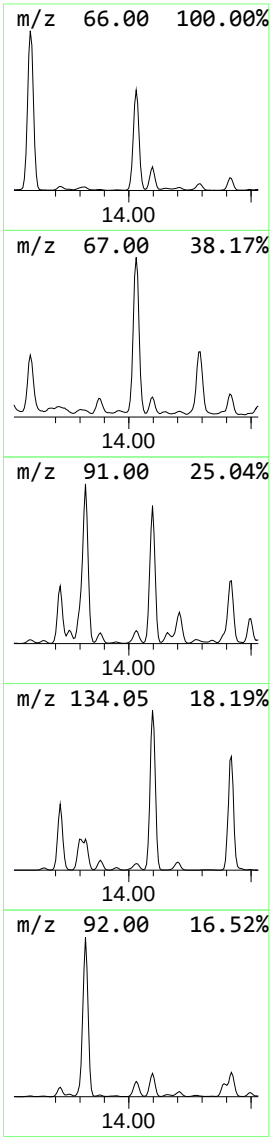
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 4,7-Methanoindene, 3a,4,5,6... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	99.32 ug/L	4778430	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	96
2	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	96
3	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	95
4	5-Allyl-2-norbornene	134	C10H14	031663-53-3	78
5	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	019398-83-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

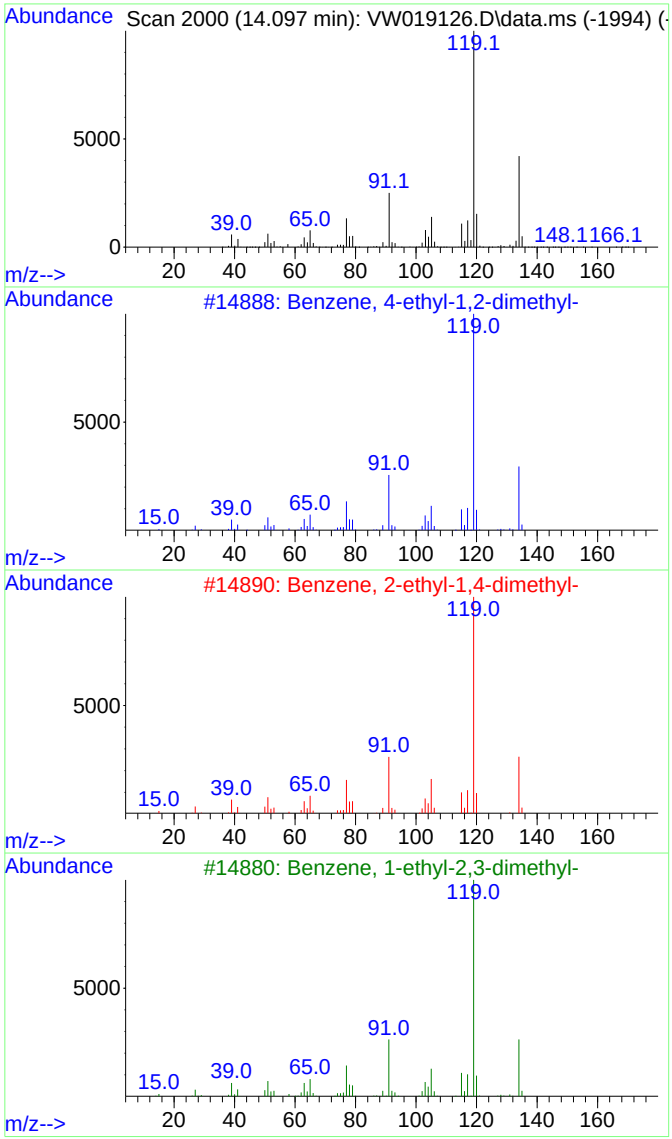
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

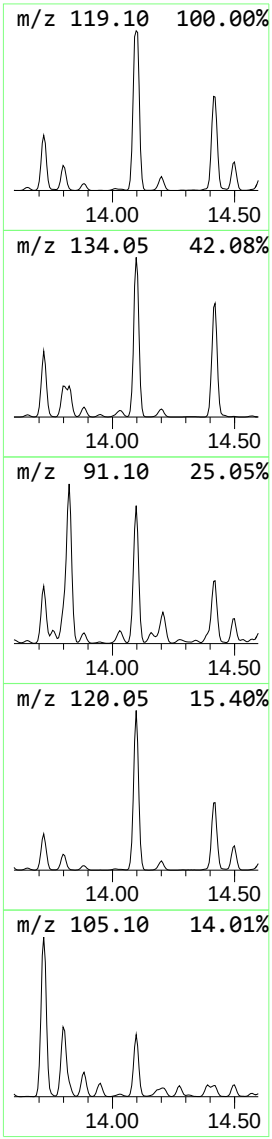
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	930.54 ug/L	44769300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q3

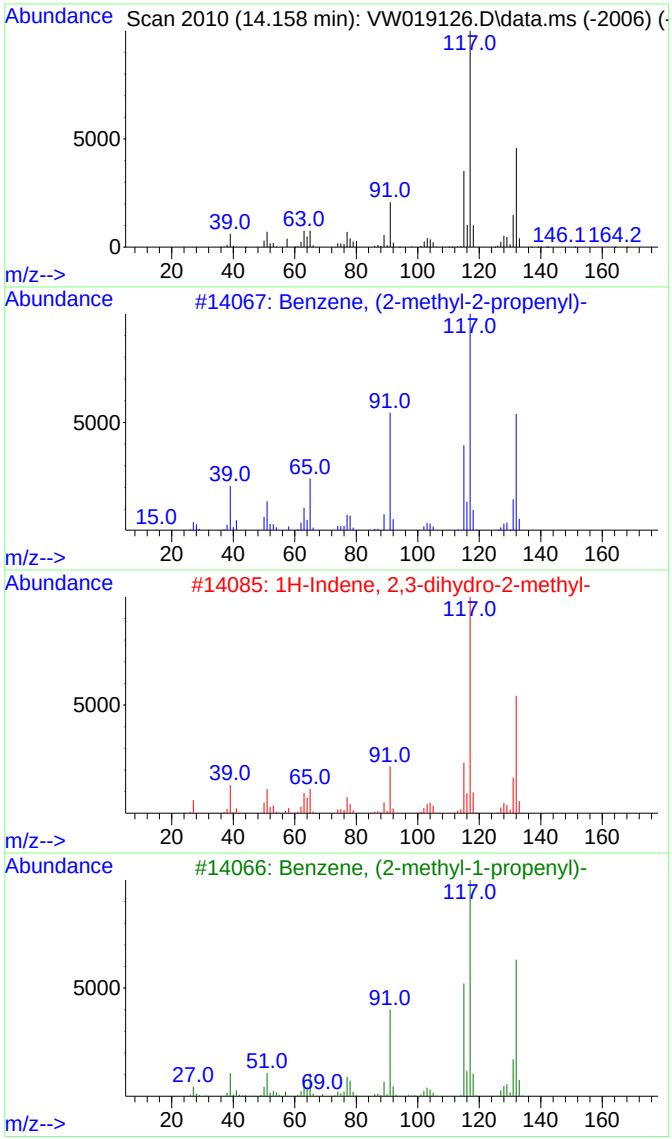
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

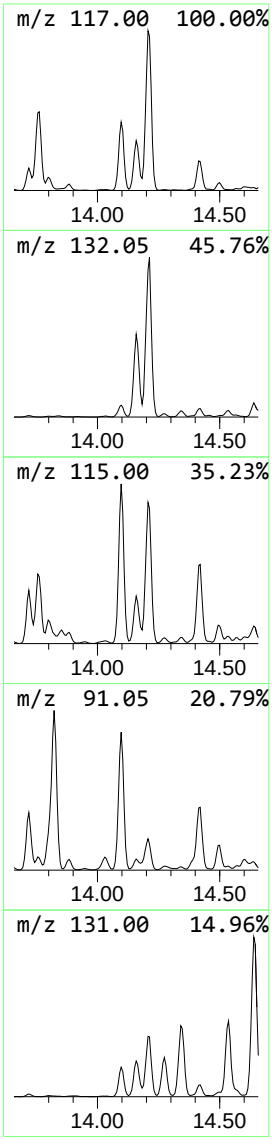
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, (2-methyl-2-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.158	95.97 ug/L	4617380	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

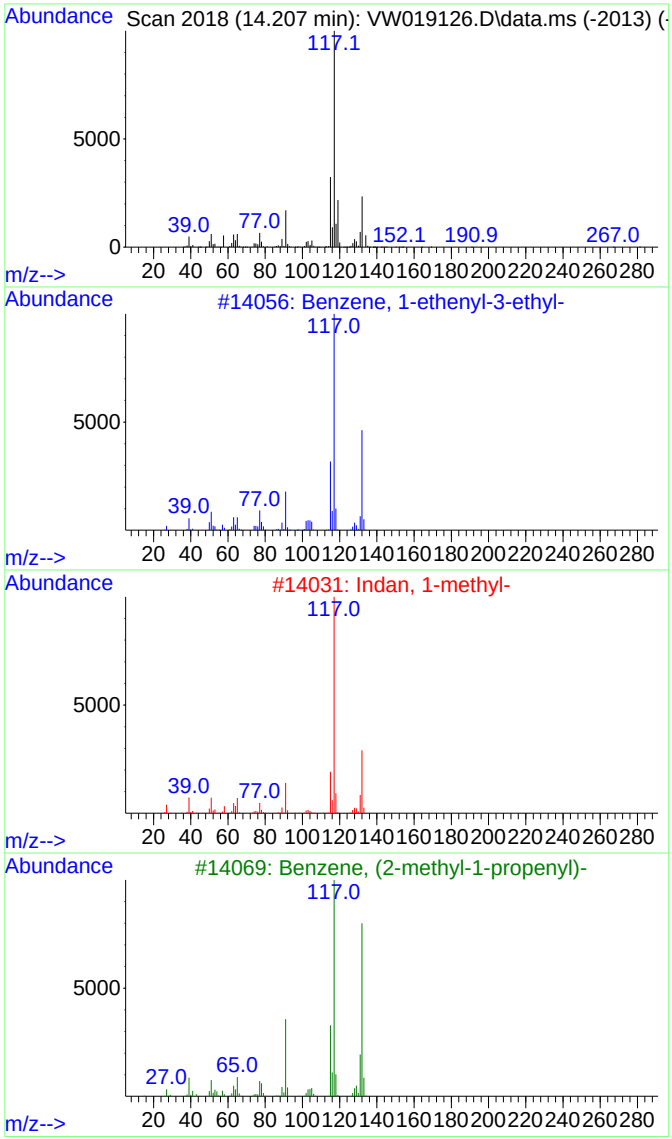
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

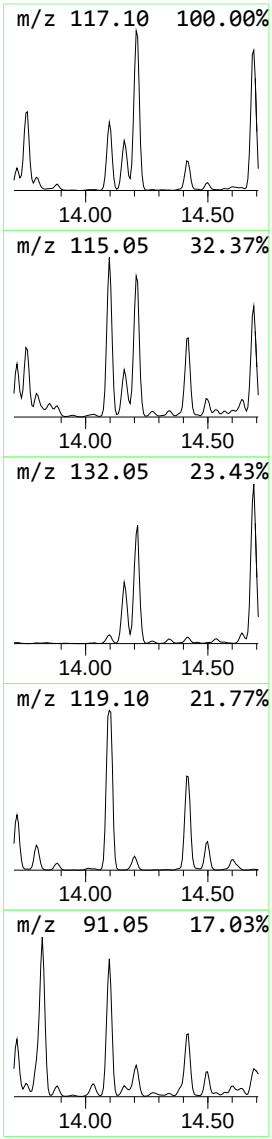
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	298.55 ug/L	14363500	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

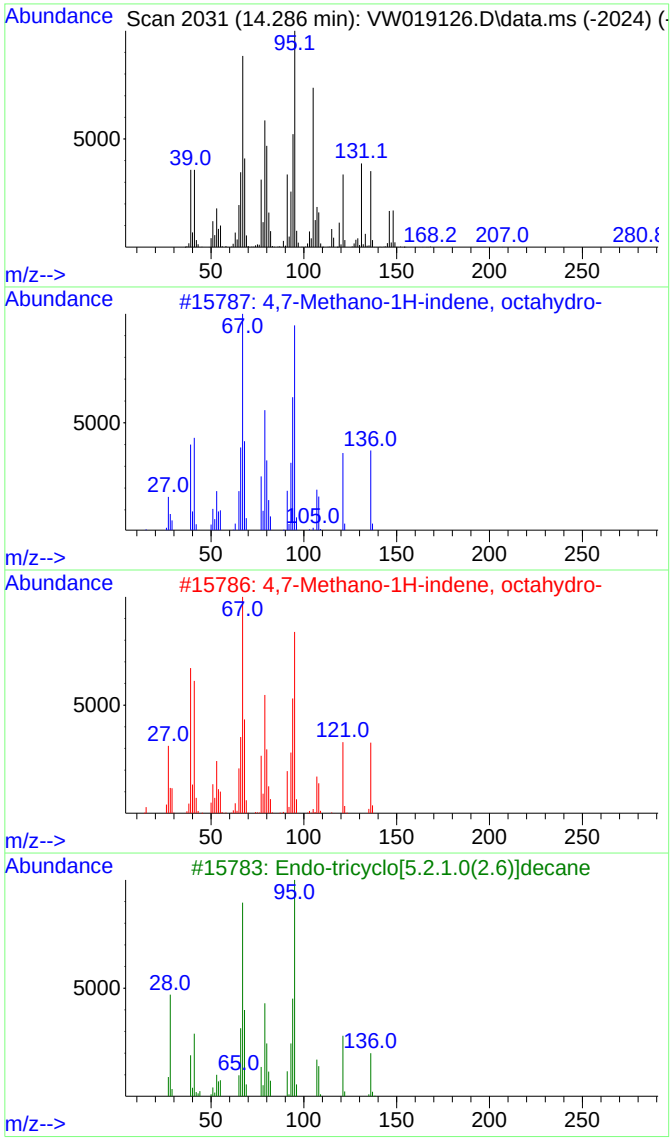
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

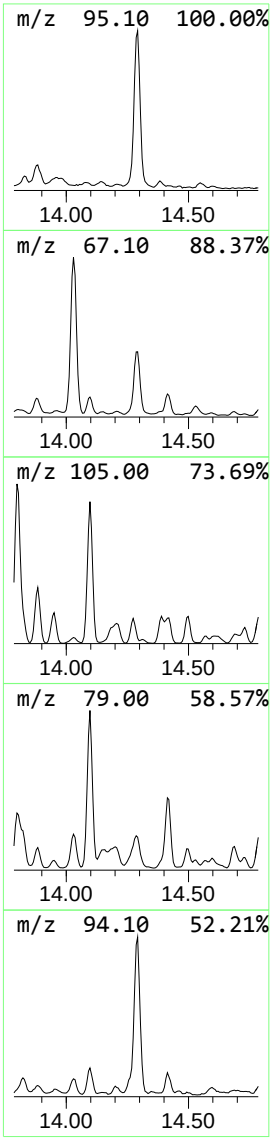
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 4,7-Methano-1H-indene, octa... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	72.54 ug/L	3490160	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	98
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	97
3	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	96
4	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95
5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

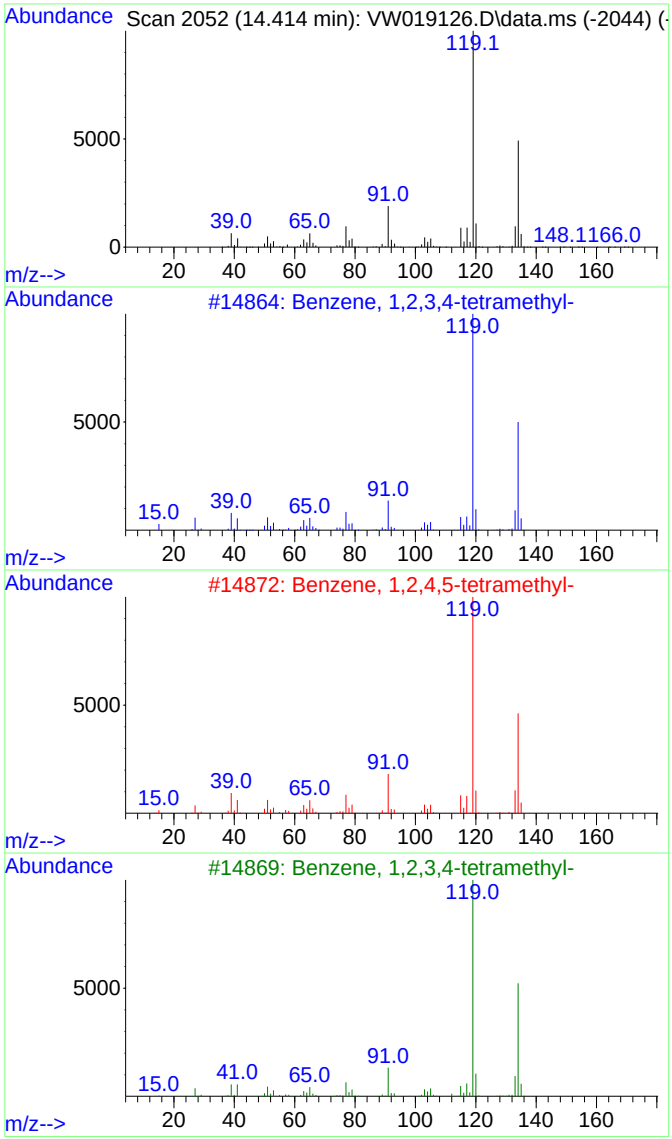
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

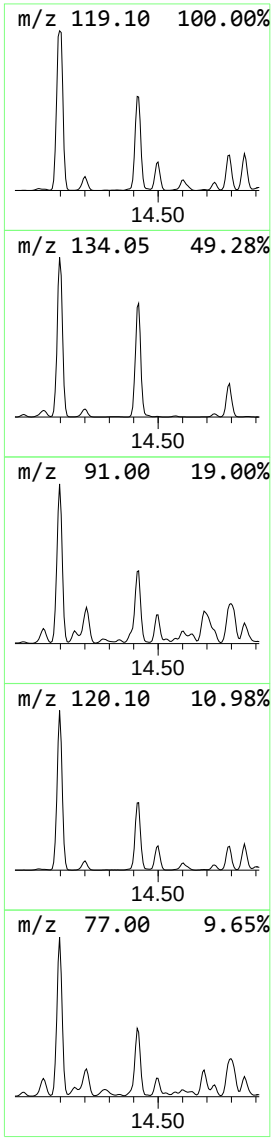
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	524.09 ug/L	25214500	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

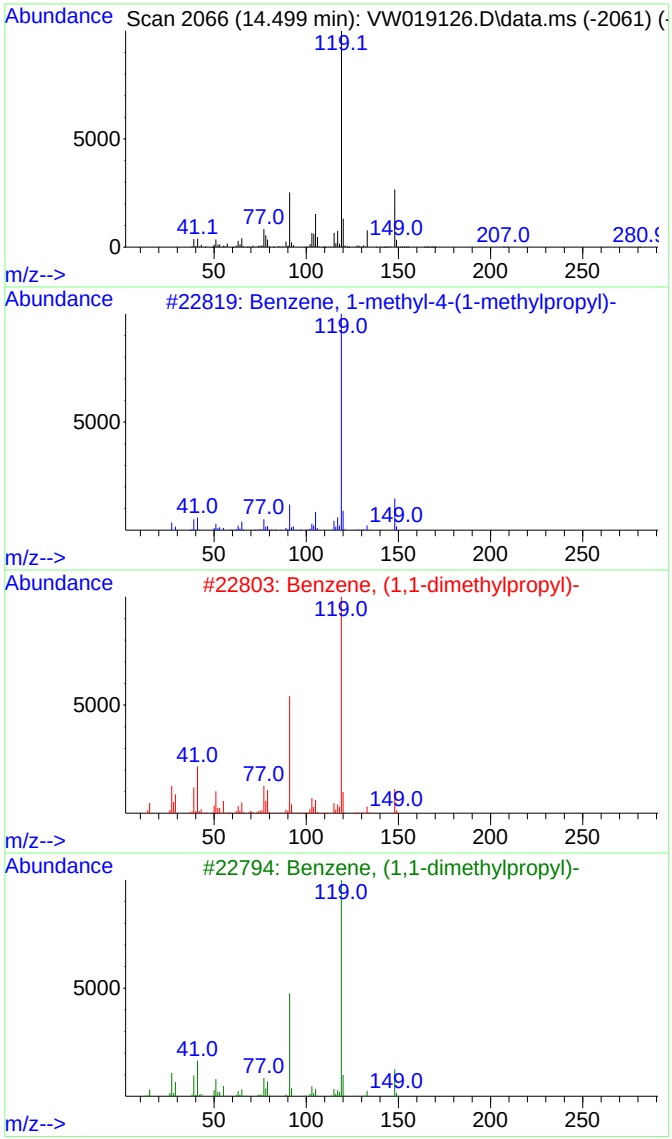
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

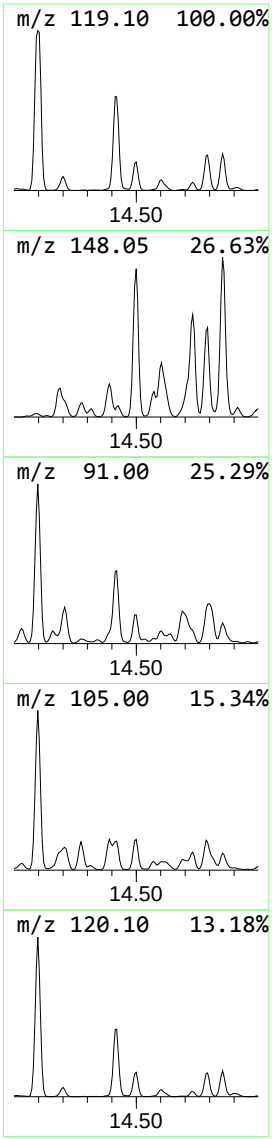
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	129.44 ug/L	6227300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

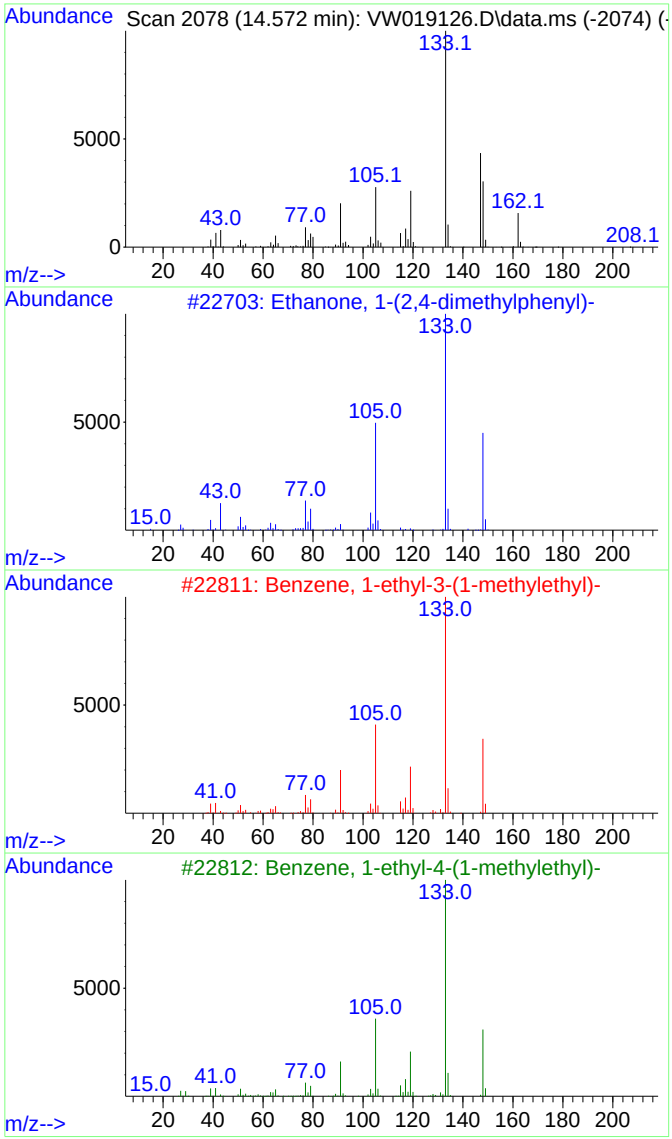
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

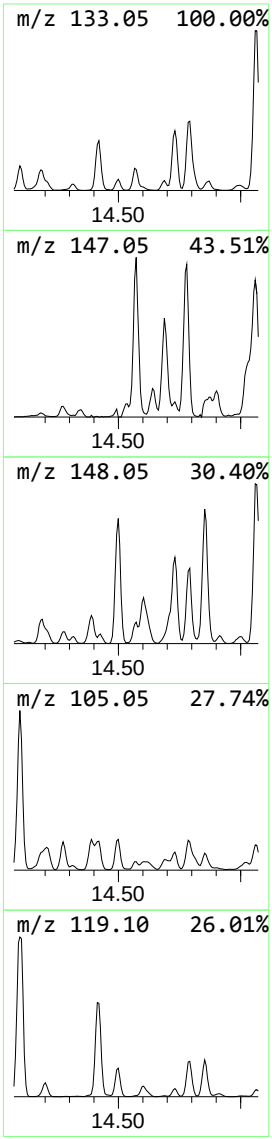
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Ethanone, 1-(2,4-dimethylph... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.572	23.57 ug/L	1134110	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	83
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

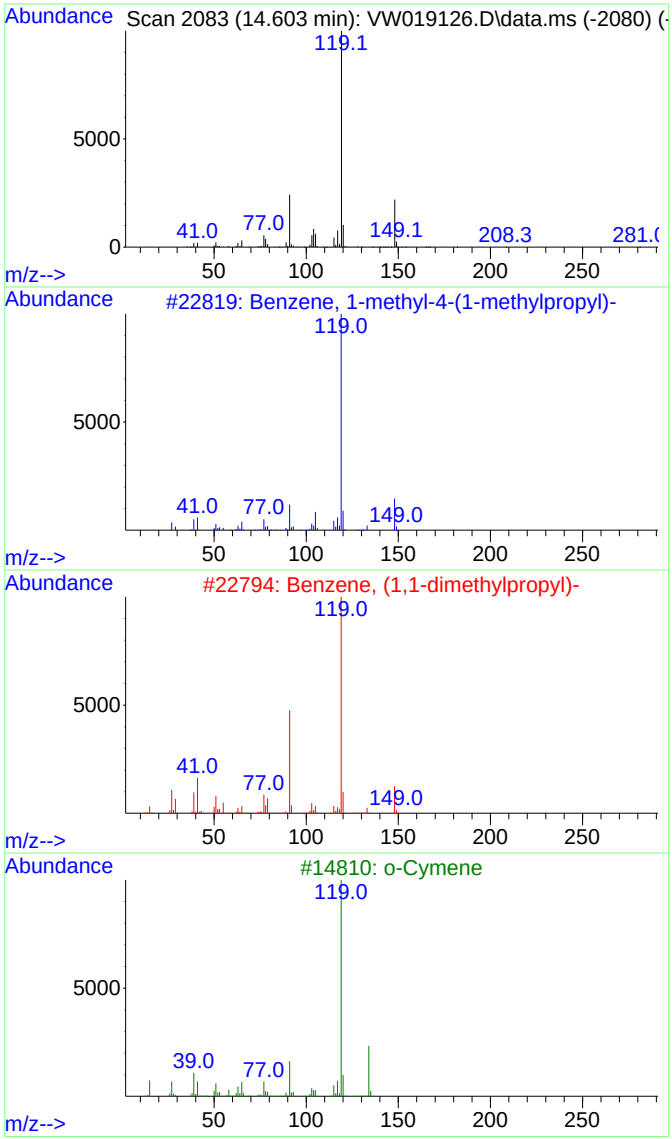
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

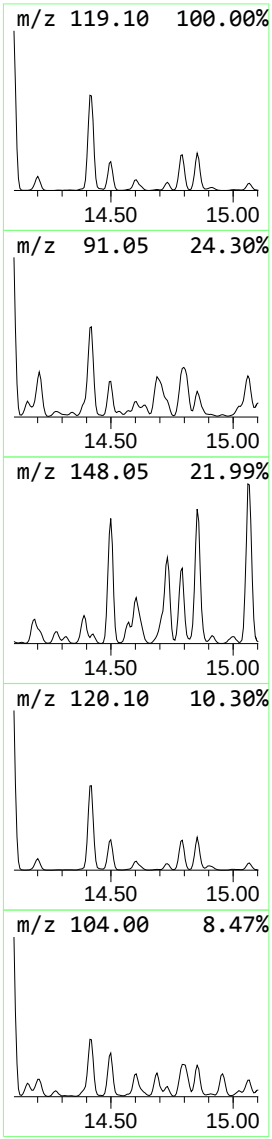
****

Peak Number 55 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	44.23 ug/L	2128170	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

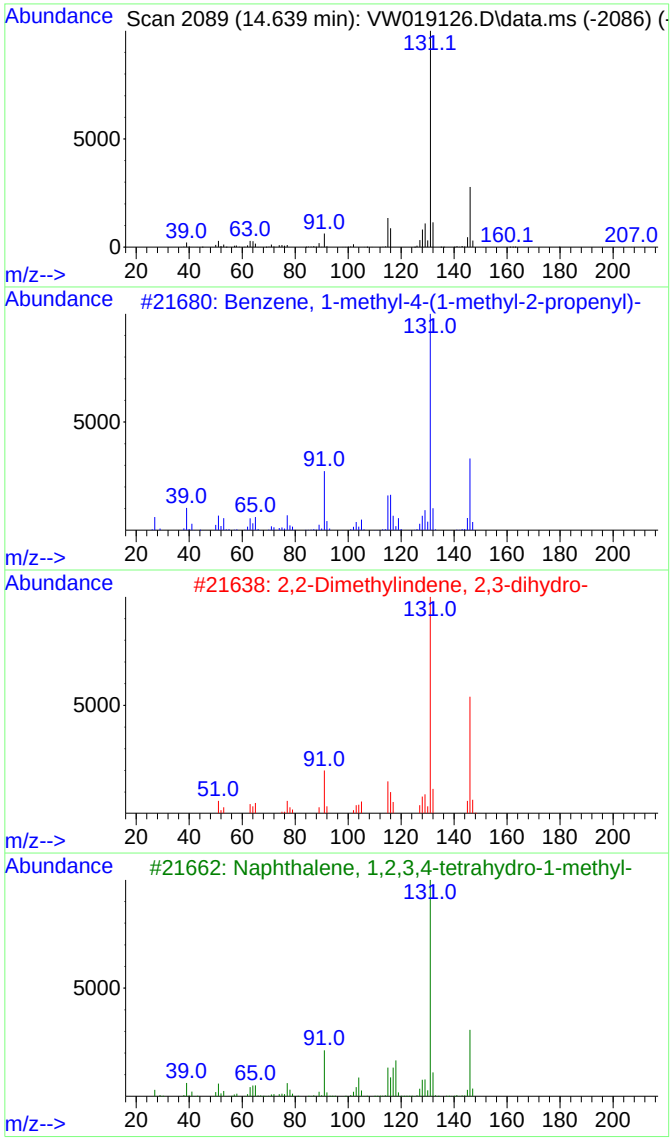
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

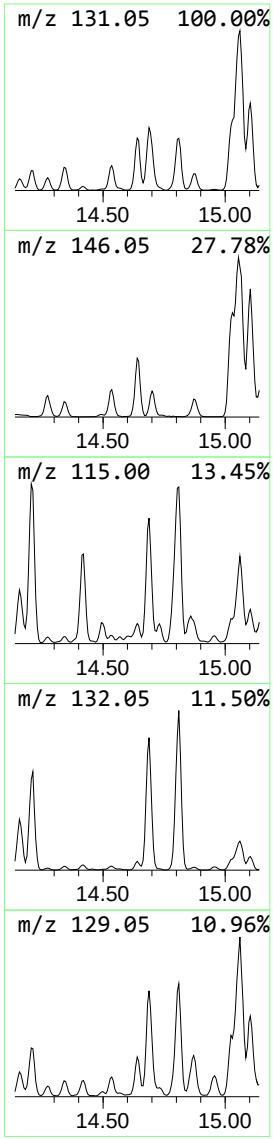
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	39.27 ug/L	1889260	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

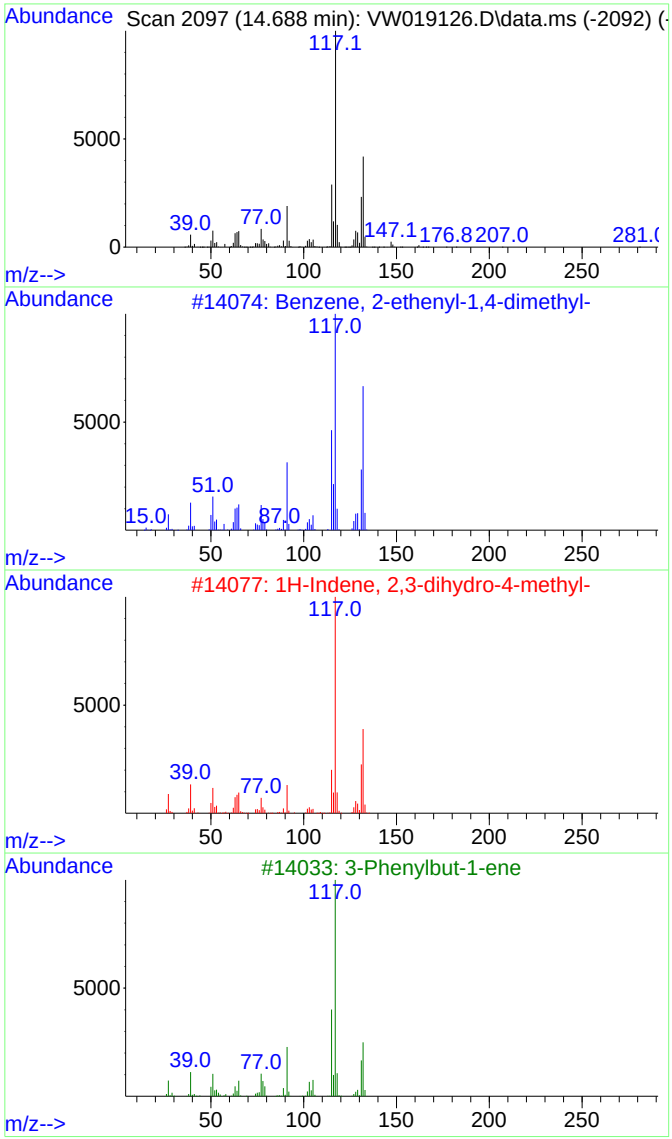
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

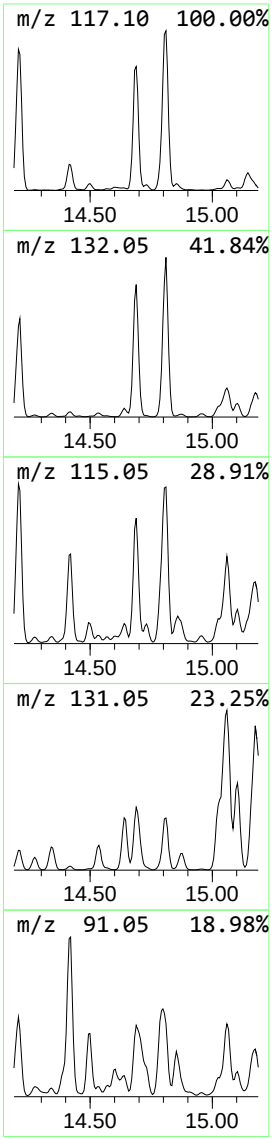
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	266.09 ug/L	12801900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

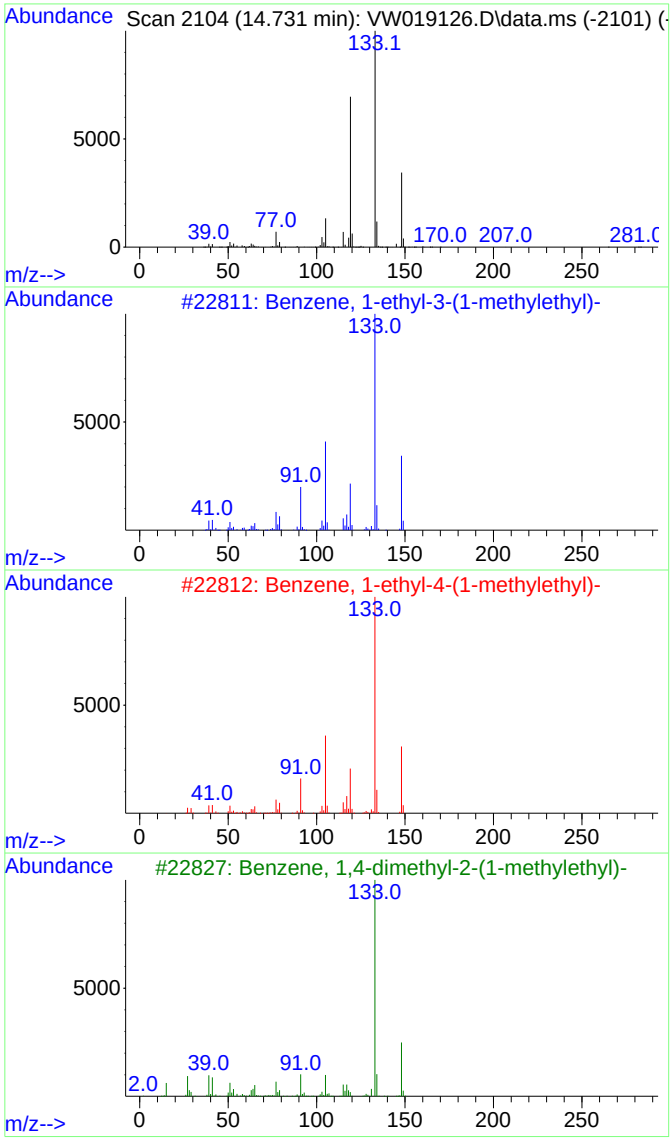
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

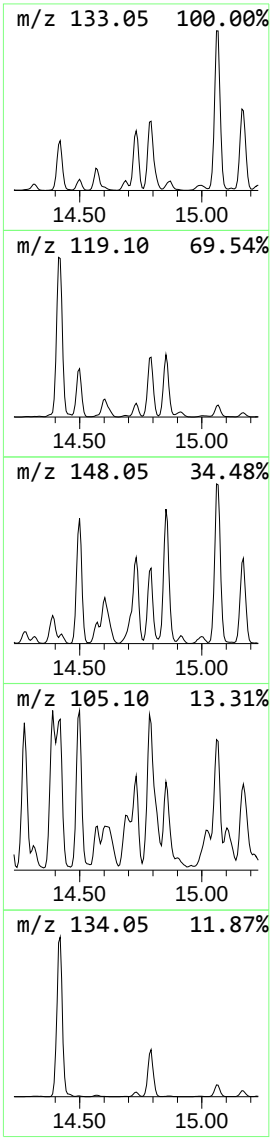
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	76.53 ug/L	3681710	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	58
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	53





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

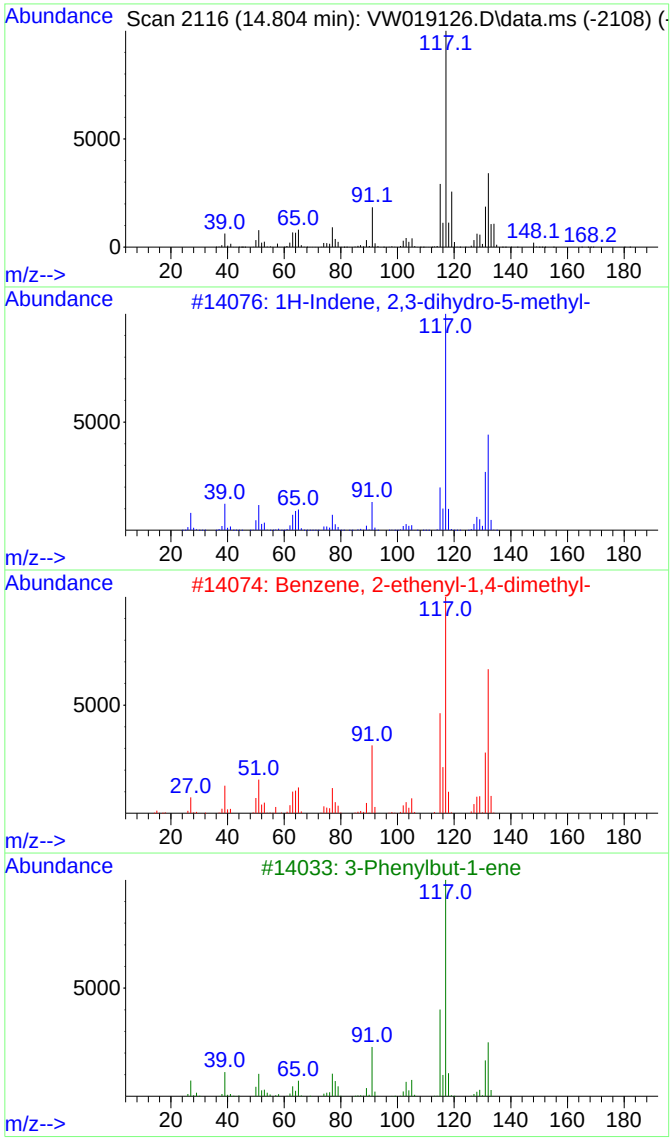
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

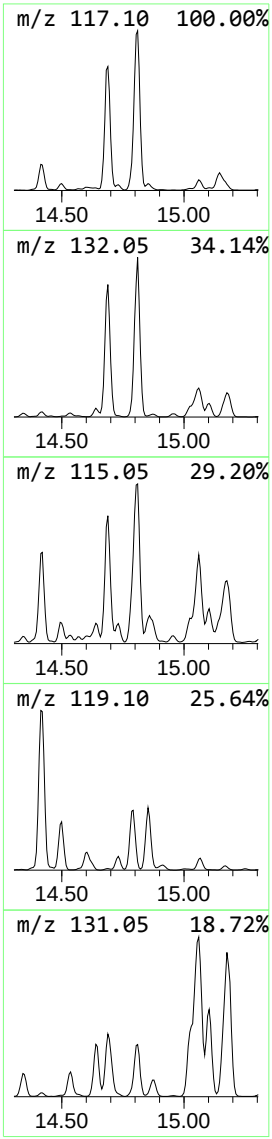
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	511.02 ug/L	24585600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

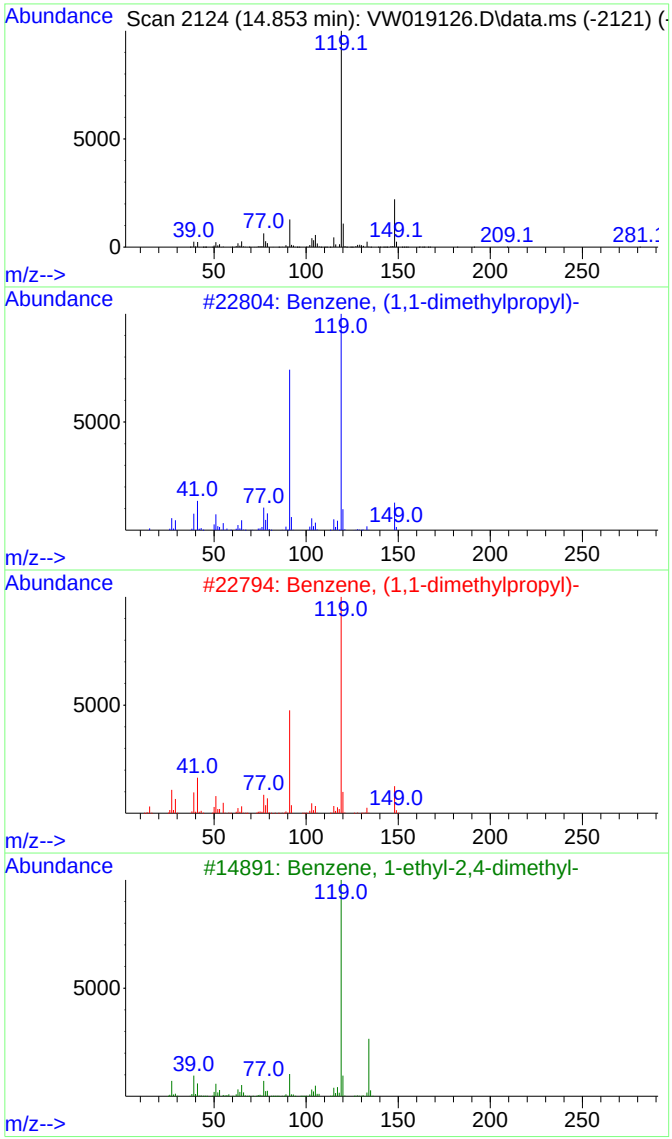
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

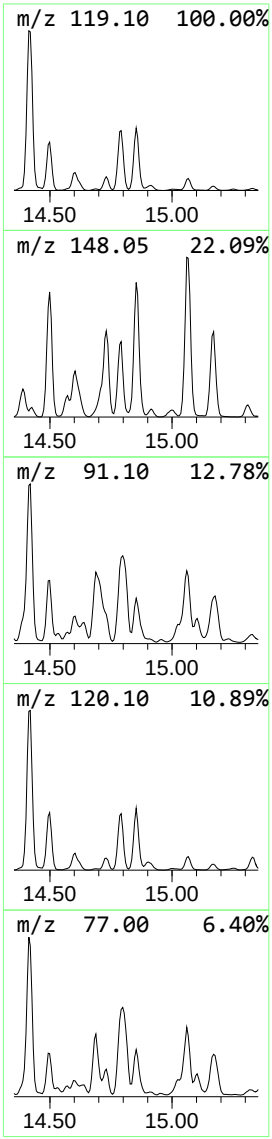
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, (1,1-dimethylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	138.76 ug/L	6675690	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	59





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q3

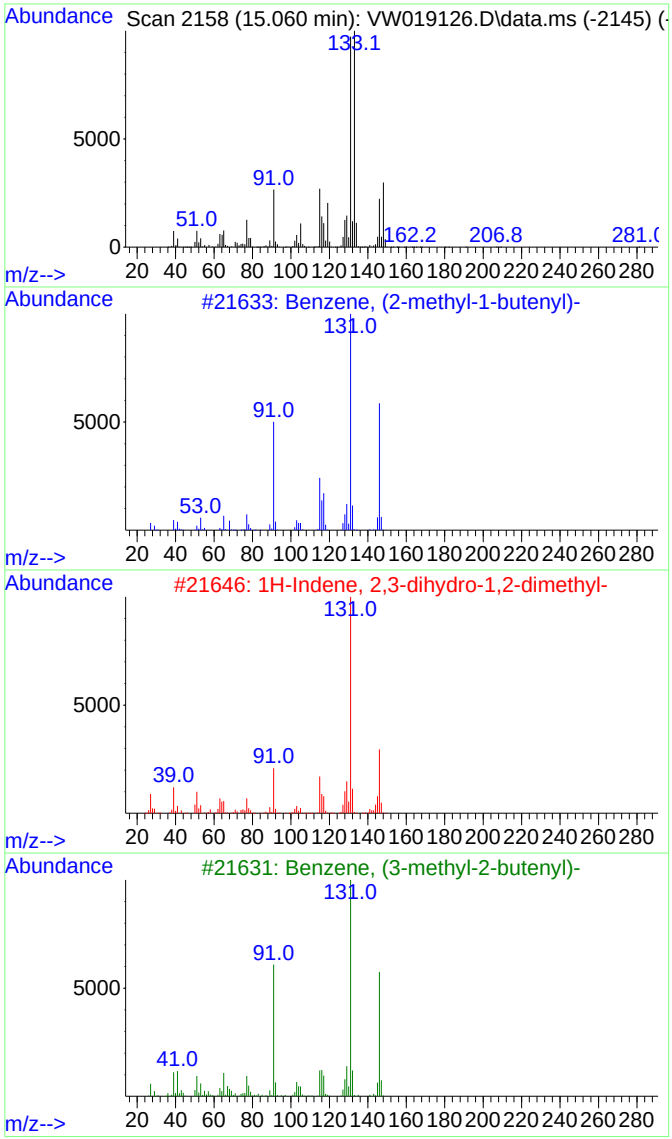
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

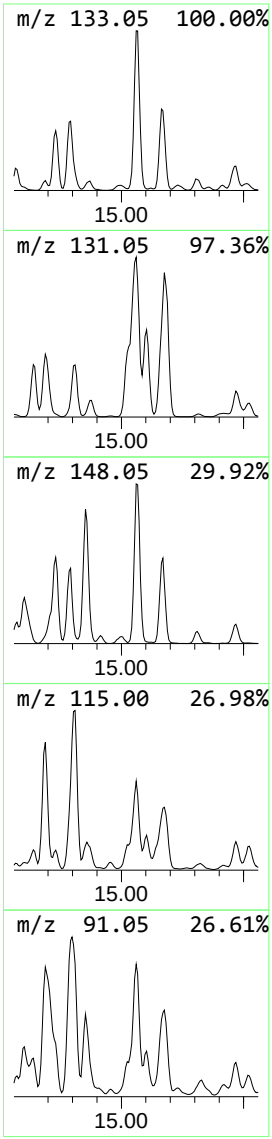
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	410.44 ug/L	19746900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	66
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

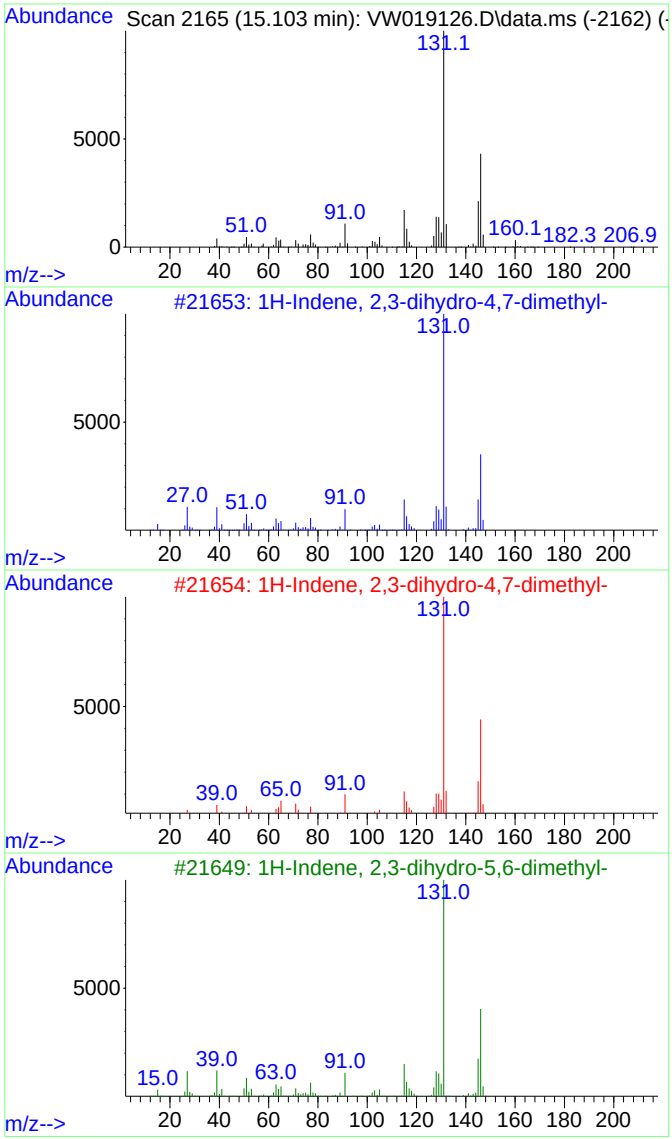
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

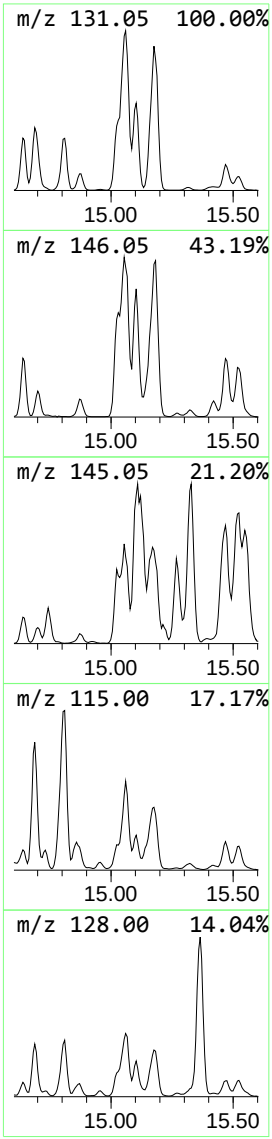
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.103	102.62 ug/L	4937370	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

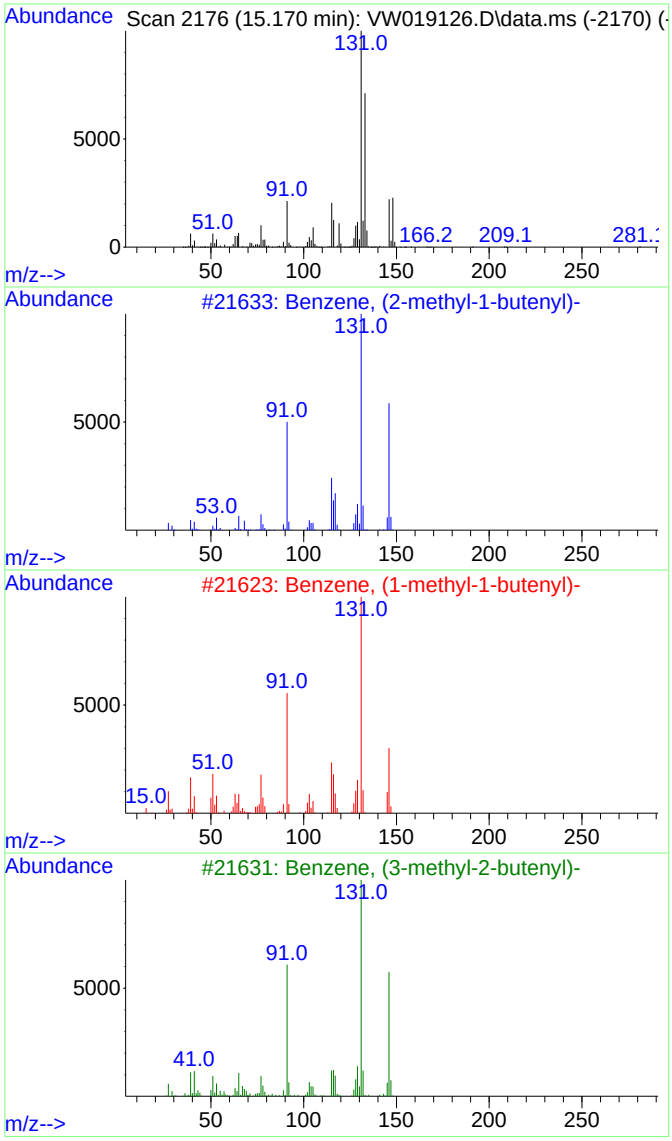
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

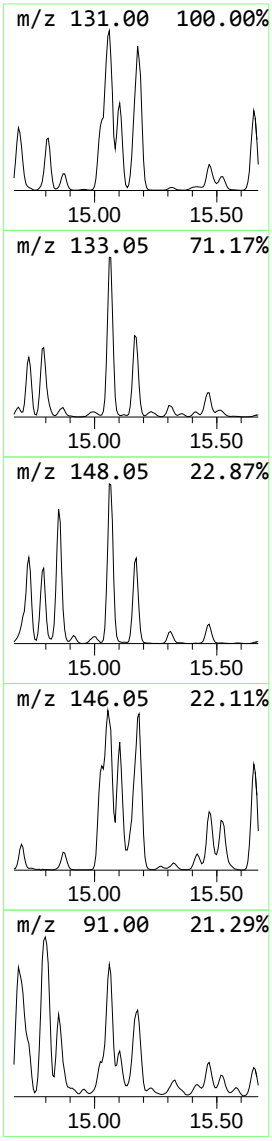
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	268.45 ug/L	12915700	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	92
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

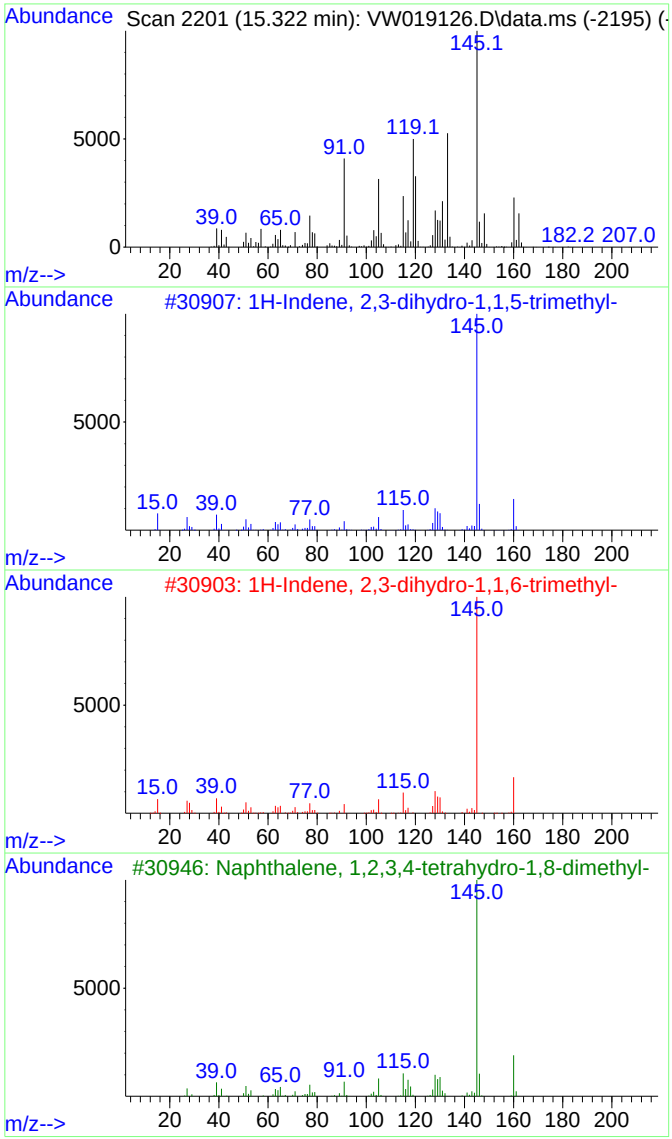
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

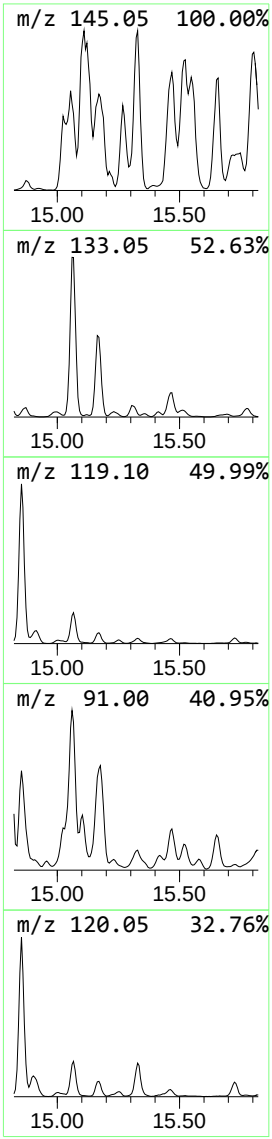
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	30.40 ug/L	1462390	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	84
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	56
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	52
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
5	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	49





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

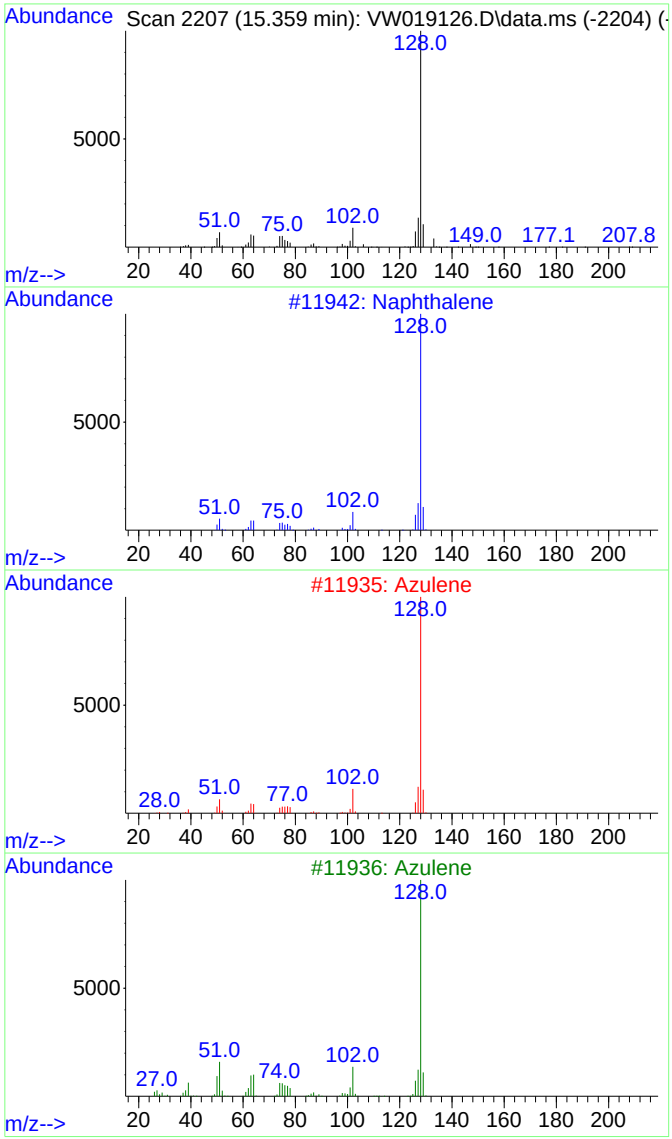
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

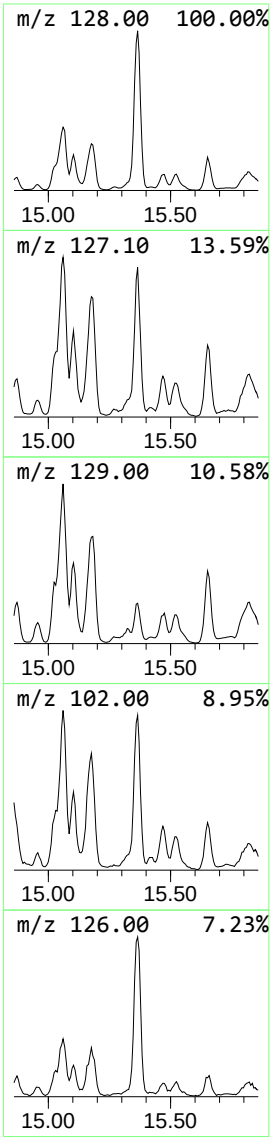
****

Peak Number 65 Azulene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	36.05 ug/L	1734250	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	90
3	Azulene	128	C10H8	000275-51-4	90
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

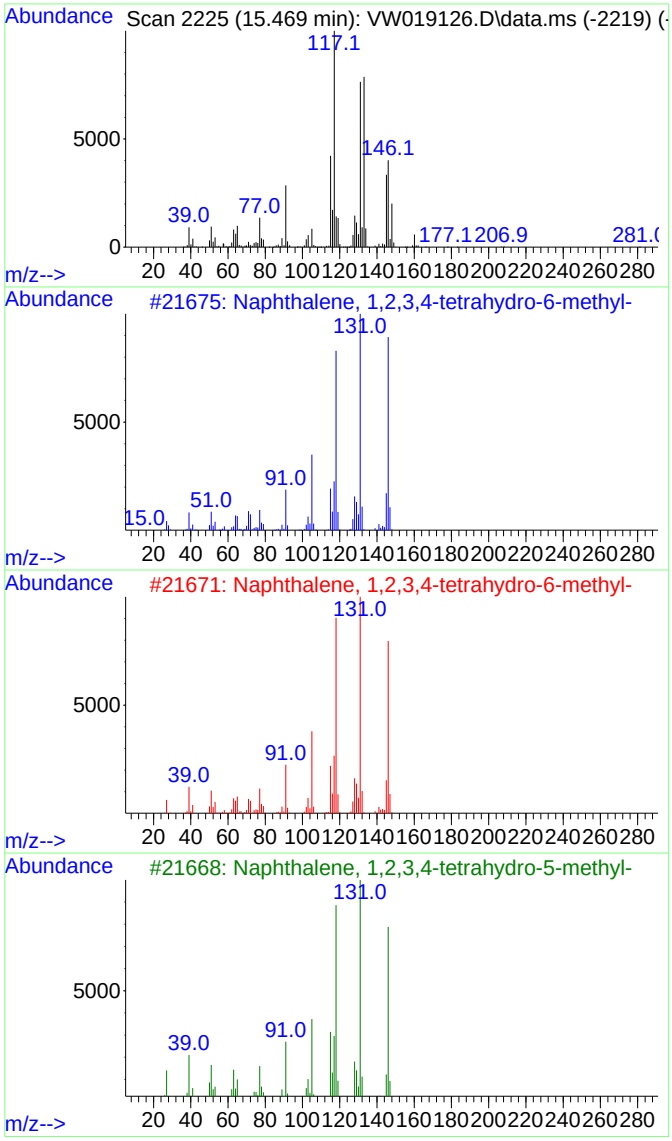
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

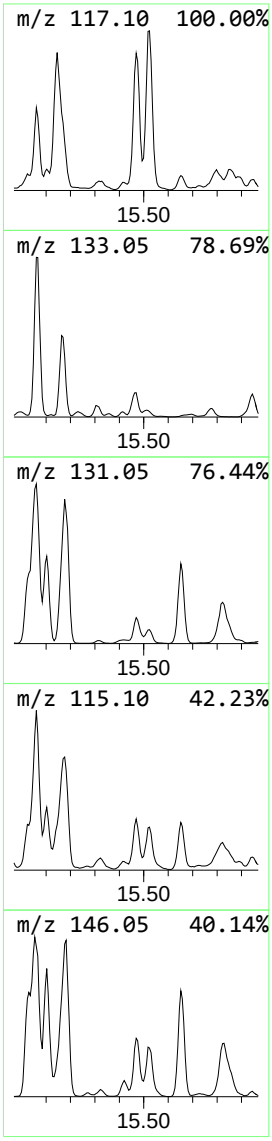
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.469	79.06 ug/L	3803470	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

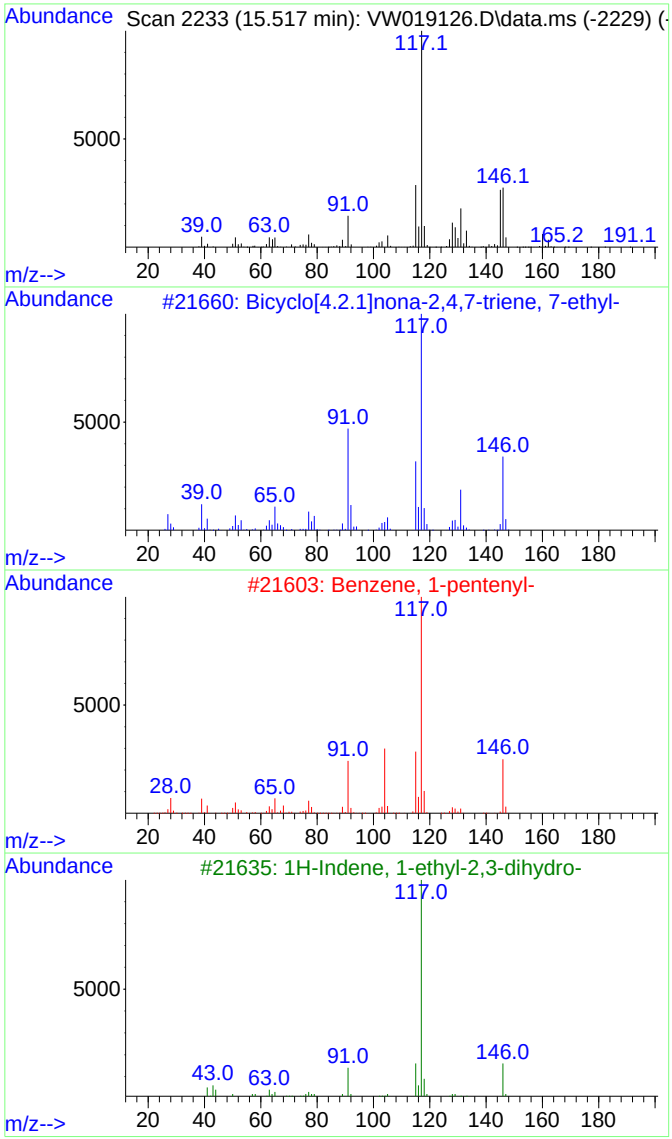
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

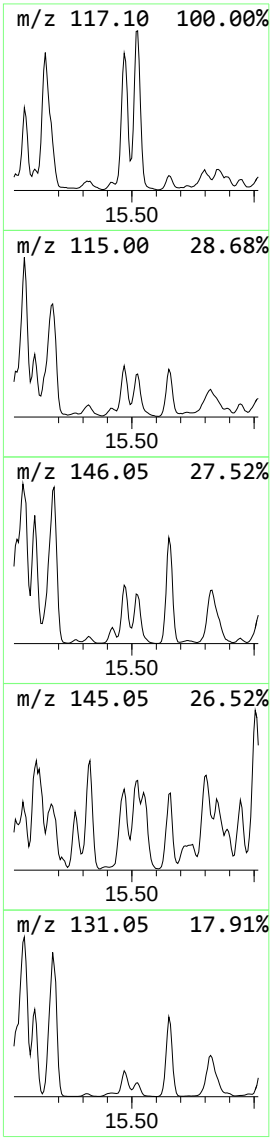
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.517	82.39 ug/L	3963660	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	74
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	68
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

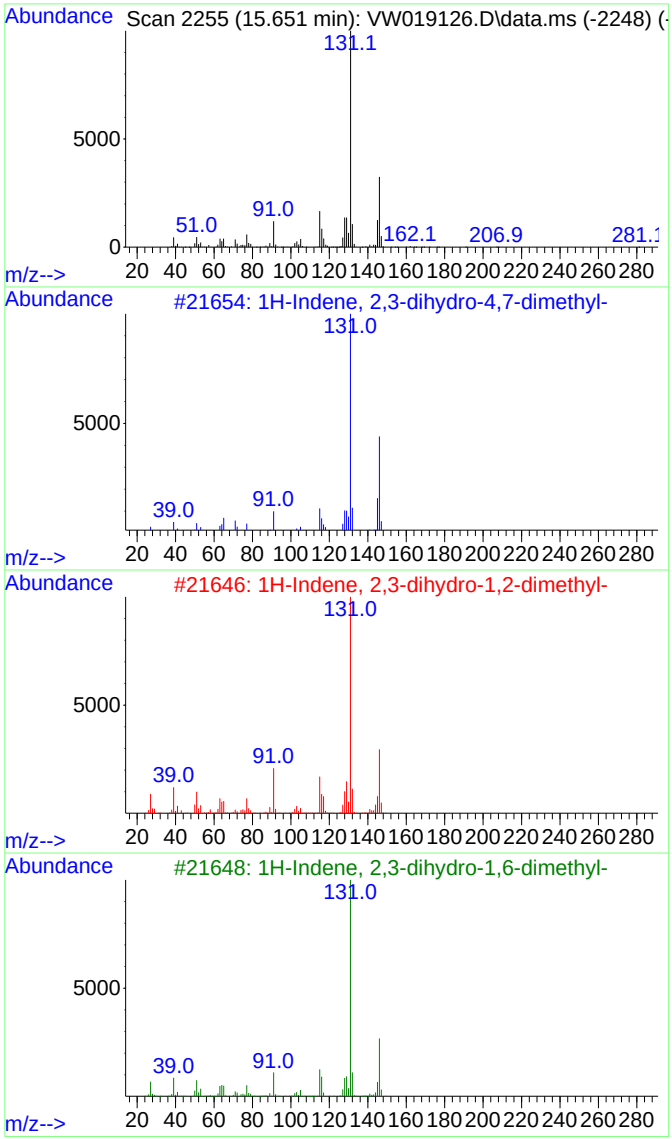
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

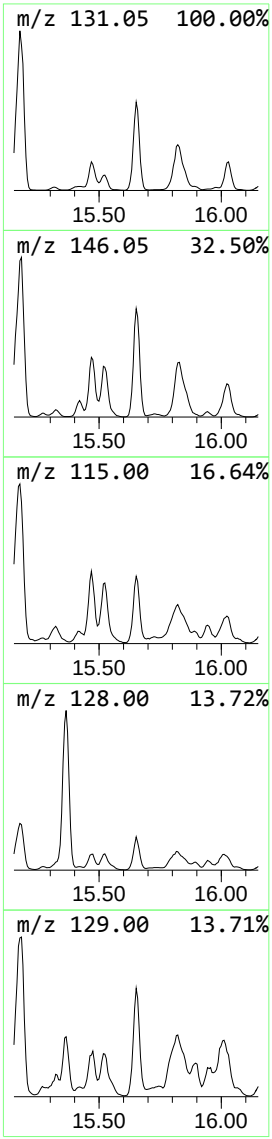
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	98.09 ug/L	4719140	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

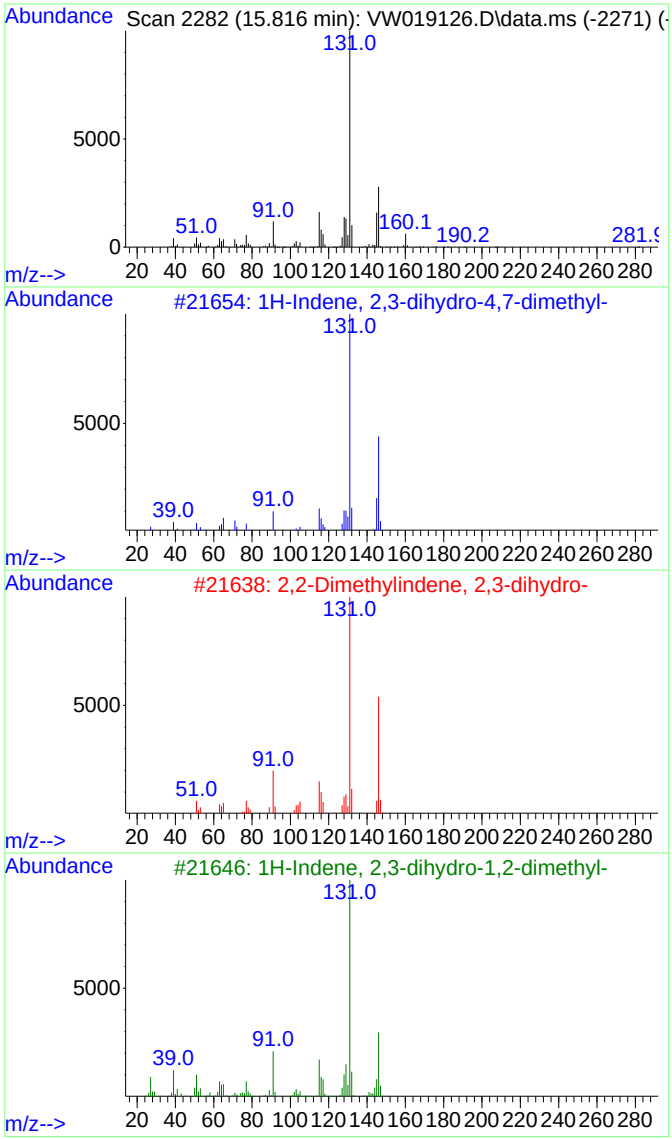
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

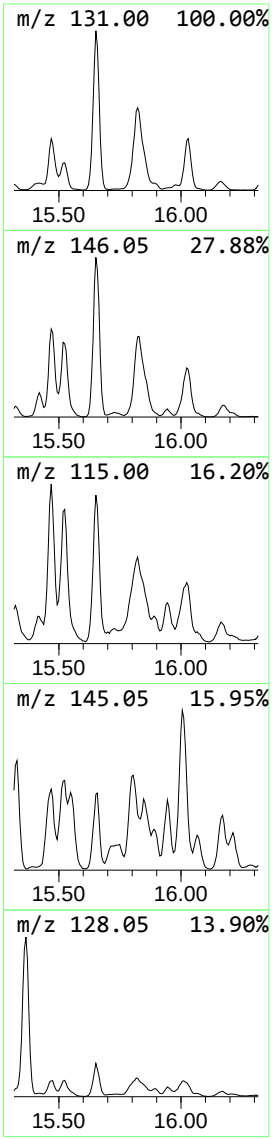
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 2,2-Dimethylindene, 2,3-dih... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	87.11 ug/L	4190880	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





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Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

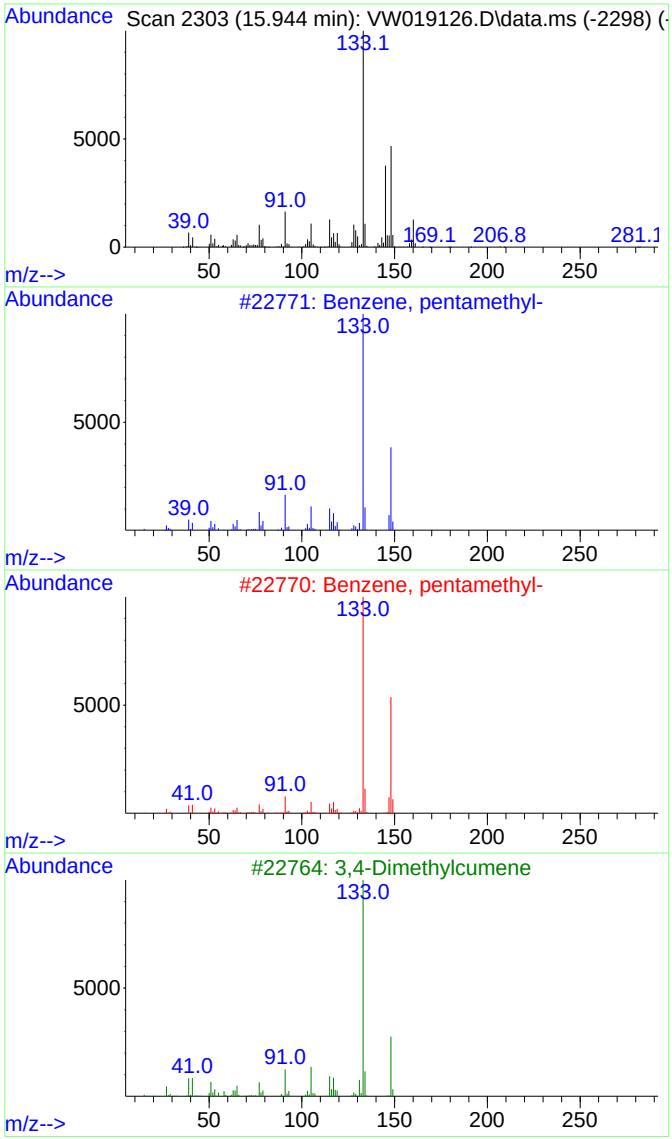
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

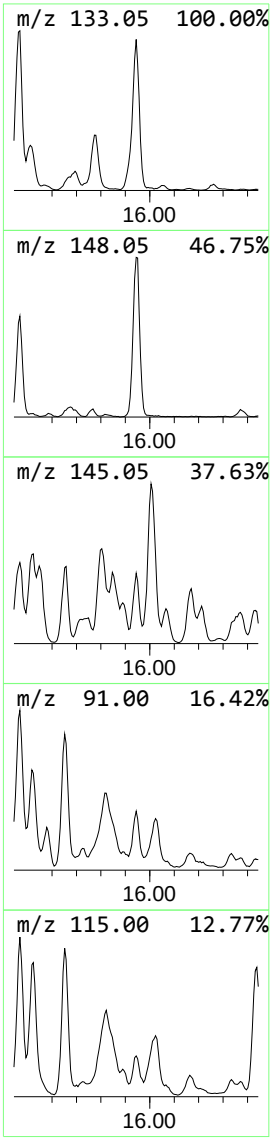
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, pentamethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	27.87 ug/L	1340720	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	70
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	62





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

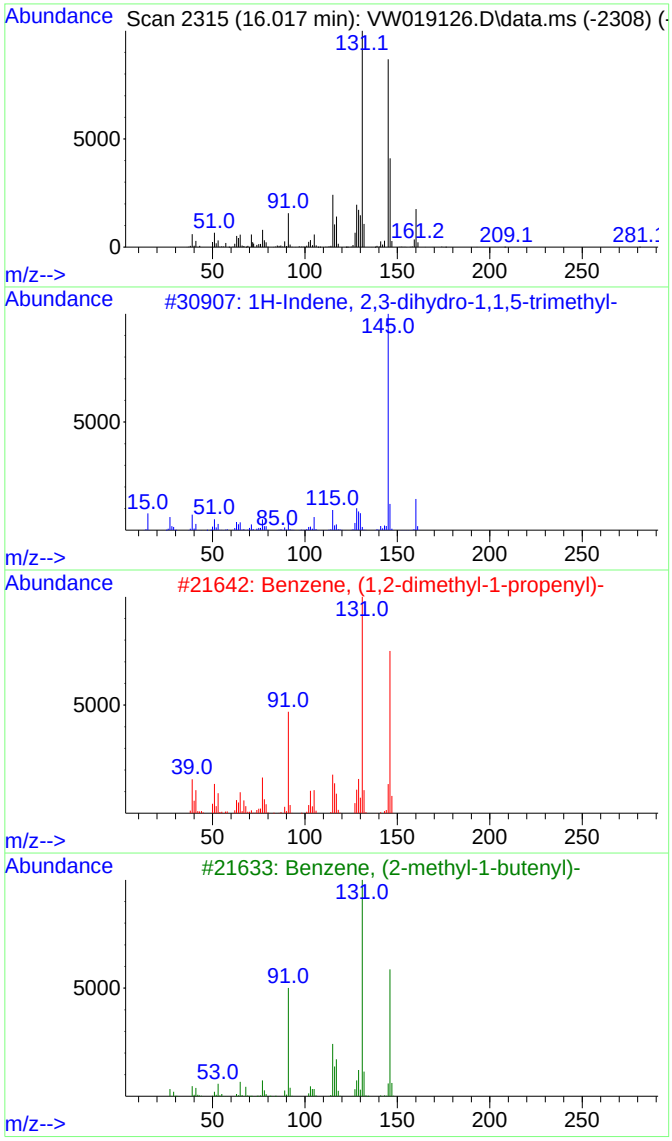
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

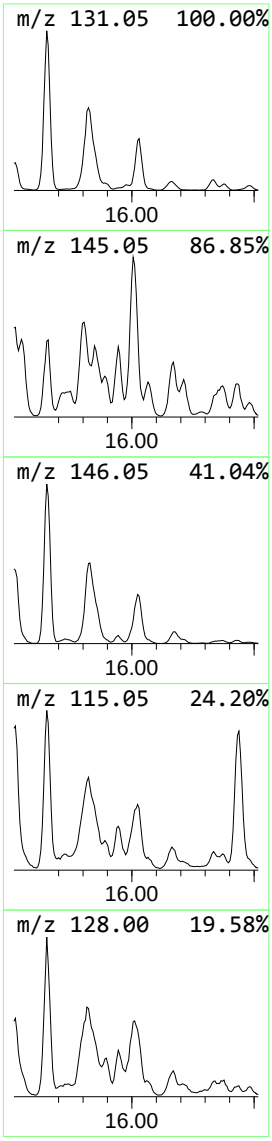
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.017	68.65 ug/L	3302600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	52





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Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

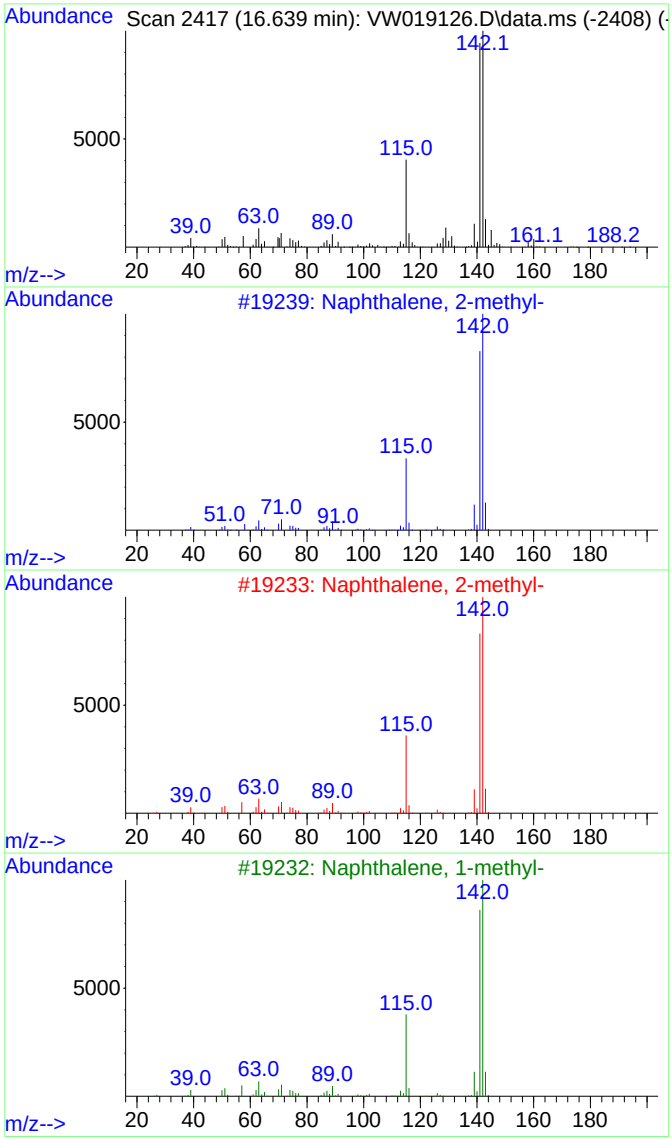
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

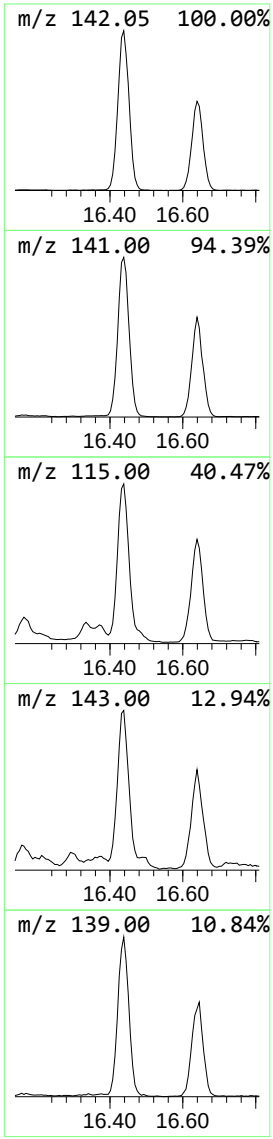
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 1,4-Methanonaphthalene, 1,4... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	38.18 ug/L	1837070	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019126.D
Acq On : 04 Jun 2021 12:28
Operator : SY/VA
Sample : M2596-07
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG5Q3

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	8.037	14.8	ug/L	1358290	1	8.848	2292450	25.0
(DEL) Alkane: S...	8.159	13.5	ug/L	1237100	1	8.848	2292450	25.0
(DEL) Alkane: S...	8.482	121.4	ug/L	11133200	1	8.848	2292450	25.0
(DEL) Alkane: S...	8.695	5.8	ug/L	531313	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.390	39.3	ug/L	3604620	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.476	13.9	ug/L	1278410	1	8.848	2292450	25.0
(DEL) Alkane: C...	9.518	8.0	ug/L	735892	1	8.848	2292450	25.0
(DEL) Alkane: C...	9.610	20.1	ug/L	1839750	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.762	216.3	ug/L	19838500	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.896	283.9	ug/L	26030900	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.957	16.6	ug/L	1519620	1	8.848	2292450	25.0
(DEL) Alkane: S...	9.994	22.5	ug/L	2060480	1	8.848	2292450	25.0
(DEL) Alkane: S...	10.098	102.5	ug/L	9396520	1	8.848	2292450	25.0
(DEL) Alkane: S...	10.250	29.3	ug/L	4644990	2	11.634	3970340	25.0
(DEL) Alkane: C...	10.445	14.6	ug/L	2312960	2	11.634	3970340	25.0
(DEL) Alkane: S...	10.512	39.1	ug/L	6217240	2	11.634	3970340	25.0
(DEL) Alkane: C...	10.671	17.5	ug/L	2778920	2	11.634	3970340	25.0
(DEL) Alkane: C...	10.762	49.1	ug/L	7798870	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.000	10.9	ug/L	1733500	2	11.634	3970340	25.0
(DEL) Alkane: S...	11.037	19.7	ug/L	3134470	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.110	10.2	ug/L	1620280	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.146	9.4	ug/L	1493640	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.183	16.9	ug/L	2690400	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.232	13.7	ug/L	2176480	2	11.634	3970340	25.0
(DEL) Alkane: S...	11.341	10.1	ug/L	1602020	2	11.634	3970340	25.0
(DEL) Alkane: S...	11.408	34.2	ug/L	5438380	2	11.634	3970340	25.0
(DEL) Alkane: S...	11.512	37.6	ug/L	5965290	2	11.634	3970340	25.0
(DEL) Alkane: C...	11.914	10.2	ug/L	1622600	2	11.634	3970340	25.0
(DEL) Alkane: S...	12.244	7.5	ug/L	1196670	2	11.634	3970340	25.0
(DEL) Alkane: C...	12.384	9.9	ug/L	1575840	2	11.634	3970340	25.0
Benzene, propyl-	12.804	376.2	ug/L	18097400	3	13.560	1202780	25.0
Benzene, butyl-	13.365	240.8	ug/L	11583800	3	13.560	1202780	25.0
Benzene, 1,3-di...	13.719	443.8	ug/L	21351300	3	13.560	1202780	25.0
Benzene, 1,1'-(...	13.756	60.8	ug/L	2923560	3	13.560	1202780	25.0
4,7-Methanoinde...	14.030	99.3	ug/L	4778430	3	13.560	1202780	25.0
Benzene, 4-ethy...	14.097	930.5	ug/L	44769300	3	13.560	1202780	25.0
Benzene, (2-met...	14.158	96.0	ug/L	4617380	3	13.560	1202780	25.0
Benzene, 1-ethe...	14.207	298.6	ug/L	14363500	3	13.560	1202780	25.0
4,7-Methano-1H-...	14.286	72.5	ug/L	3490160	3	13.560	1202780	25.0
Benzene, 1,2,3,...	14.414	524.1	ug/L	25214500	3	13.560	1202780	25.0
Benzene, 1-meth...	14.499	129.4	ug/L	6227300	3	13.560	1202780	25.0
Ethanone, 1-(2,...	14.572	23.6	ug/L	1134110	3	13.560	1202780	25.0
o-Cymene	14.603	44.2	ug/L	2128170	3	13.560	1202780	25.0
Benzene, 1-meth...	14.640	39.3	ug/L	1889260	3	13.560	1202780	25.0
Benzene, 2-ethe...	14.688	266.1	ug/L	12801900	3	13.560	1202780	25.0
Benzene, 1-ethy...	14.731	76.5	ug/L	3681710	3	13.560	1202780	25.0
1H-Indene, 2,3-...	14.804	511.0	ug/L	24585600	3	13.560	1202780	25.0
Benzene, (1,1-d...	14.853	138.8	ug/L	6675690	3	13.560	1202780	25.0
Benzene, (2-met...	15.060	410.4	ug/L	19746900	3	13.560	1202780	25.0
1H-Indene, 2,3-...	15.103	102.6	ug/L	4937370	3	13.560	1202780	25.0
Benzene, (3-met...	15.170	268.4	ug/L	12915700	3	13.560	1202780	25.0
1H-Indene, 2,3-...	15.322	30.4	ug/L	1462390	3	13.560	1202780	25.0

Azulene	15.359	36.0	ug/L	1734250	3	13.560	1202780	25.0
Naphthalene, 1,...	15.469	79.1	ug/L	3803470	3	13.560	1202780	25.0
Bicyclo[4.2.1]n...	15.517	82.4	ug/L	3963660	3	13.560	1202780	25.0
1H-Indene, 2,3-...	15.652	98.1	ug/L	4719140	3	13.560	1202780	25.0
2,2-Dimethylind...	15.816	87.1	ug/L	4190880	3	13.560	1202780	25.0
Benzene, pentam...	15.944	27.9	ug/L	1340720	3	13.560	1202780	25.0
Benzene, (1,2-d...	16.017	68.7	ug/L	3302600	3	13.560	1202780	25.0
1,4-Methanonaph...	16.639	38.2	ug/L	1837070	3	13.560	1202780	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG5Q3