LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

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\SFAMWLM011122SMA.M
Title : SFAM01.0

Signal : TIC: VW021851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	39	41	45	rVB2	655	622	0.01%	0.002%
2	2.227	45	53	55	rBV6	2129	5019	0.05%	0.015%
3	2.349	65	73	81	rBV	79134	129564	1.19%	0.399%
4	2.885	154	161	171	rVB	53229	107293	0.98%	0.330%
5	3.312	229	231	234	rVB	345	370	0.00%	0.001%
6	3.385	240	243	244	rBV	848	1024	0.01%	0.003%
7	4.019	334	347	365	rBV	101701	284224	2.60%	0.875%
8	4.269	383	388	392	rVB3	534	1075	0.01%	0.003%
9	4.379	400	406	409	rBV2	763	1512	0.01%	0.005%
10	4.495	421	425	429	rBV4	357	644	0.01%	0.002%
11	4.915	483	494	504	rBV3	3664	12703	0.12%	0.039%
12	5.080	516	521	522	rBV2	411	506	0.00%	0.002%
13	5.117	525	527	531	rBV4	255	371	0.00%	0.001%
14	5.744	627	630	632	rBV2	339	442	0.00%	0.001%
15	5.763	632	633	639	rVB3	420	456	0.00%	0.001%
16	5.933	656	661	662	rBV2	1056	1629	0.01%	0.005%
17	6.177	698	701	705	rBV3	318	413	0.00%	0.001%
18	7.092	842	851	856	rBV	13289	37539	0.34%	0.116%
19	7.653	932	943	957	rBV	116501	284047	2.60%	0.874%
20	7.848	972	975	981	rBV2	409	690	0.01%	0.002%
21	7.927	985	988	989	rBV2	333	456	0.00%	0.001%
22	8.153	1020	1025	1029	rBV3	799	1429	0.01%	0.004%
23	8.275	1034	1045	1061	rBV2	238992	721101	6.60%	2.219%
24	8.689	1108	1113	1119	rBV3	1559	2687	0.02%	0.008%
25	8.841	1130	1138	1148	rBV	177586	356993	3.27%	1.099%
26	8.939	1148	1154	1158	rVB5	508	955	0.01%	0.003%
27	9.037	1169	1170	1174	rBV2	378	513	0.00%	0.002%
28	9.085	1174	1178	1183	rVB3	1061	1936	0.02%	0.006%
29	9.152	1186	1189	1193	rVB3	361	543	0.00%	0.002%
30	9.207	1193	1198	1199	rBV2	349	570	0.01%	0.002%
31	9.274	1199	1209	1218	rBV	149771	297907	2.73%	0.917%
32	9.341	1218	1220	1224	rVB3	1247	1269	0.01%	0.004%
33	9.658	1270	1272	1277	rVB2	481	754	0.01%	0.002%
34	9.756	1285	1288	1294	rBV4	474	965	0.01%	0.003%
35	9.884	1306	1309	1310	rBV3	679	698	0.01%	0.002%
36	9.902	1310	1312	1314	rVB2	841	551	0.01%	0.002%

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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

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\SFAMWLM011122SMA.M
Title : SFAM01.0

37	10.036	1326	1334	1343	rVV	80201	144957	1.33%	0.446%
38	10.213	1356	1363	1368	rBV3	2113	4380	0.04%	0.013%
39	10.323	1373	1381	1388	rVV	380362	666668	6.11%	2.051%
40	10.384	1388	1391	1403	rVV	25302	44916	0.41%	0.138%
41	10.500	1406	1410	1415	rVB5	1824	3037	0.03%	0.009%
42	10.579	1415	1423	1431	rBV2	51007	86303	0.79%	0.266%
43	10.701	1437	1443	1450	rBV	25248	44628	0.41%	0.137%
44	10.841	1461	1466	1468	rBV4	1083	1570	0.01%	0.005%
45	10.926	1471	1480	1488	rBV	58752	103171	0.94%	0.317%
46	11.067	1498	1503	1507	rVB	7431	11524	0.11%	0.035%
47	11.176	1516	1521	1526	rBV5	2385	4038	0.04%	0.012%
48	11.231	1526	1530	1535	rVB6	2774	4315	0.04%	0.013%
49	11.286	1535	1539	1541	rBV4	1255	1573	0.01%	0.005%
50	11.341	1543	1548	1551	rBV6	2309	4319	0.04%	0.013%
51	11.432	1555	1563	1571	rVV2	20308	49892	0.46%	0.154%
52	11.512	1571	1576	1581	rVB2	5265	9617	0.09%	0.030%
53	11.634	1587	1596	1604	rBV	257716	451418	4.13%	1.389%
54	11.731	1605	1612	1621	rBV	199914	329940	3.02%	1.015%
55	11.835	1621	1629	1639	rBV	796006	1415573	12.96%	4.356%
56	11.981	1648	1653	1655	rBV6	2005	3942	0.04%	0.012%
57	12.054	1662	1665	1671	rVB4	5025	8864	0.08%	0.027%
58	12.164	1672	1683	1690	rBV	220113	385664	3.53%	1.187%
59	12.249	1693	1697	1702	rVB	21324	30522	0.28%	0.094%
60	12.335	1702	1711	1712	rBV5	12316	25623	0.23%	0.079%
61	12.463	1728	1732	1735	rBV2	17215	26981	0.25%	0.083%
62	12.536	1742	1744	1746	rBV	12120	12047	0.11%	0.037%
63	12.603	1751	1755	1760	rVV2	117085	184993	1.69%	0.569%
64	12.646	1760	1762	1765	rVV2	19853	21917	0.20%	0.067%
65	12.694	1765	1770	1775	rVB	111161	179931	1.65%	0.554%
66	12.804	1782	1788	1792	rVB	72743	124568	1.14%	0.383%
67	12.865	1792	1798	1801	rBV	283802	452353	4.14%	1.392%
68	12.896	1801	1803	1806	rVV	134696	210842	1.93%	0.649%
69	12.938	1806	1810	1816	rVB2	293546	528444	4.84%	1.626%
70	13.103	1829	1837	1843	rBV	124361	265131	2.43%	0.816%
71	13.164	1843	1847	1854	rVB	86565	136291	1.25%	0.419%
72	13.249	1855	1861	1866	rBV	766886	1169410	10.71%	3.598%
73	13.341	1873	1876	1879	rBV3	19633	31593	0.29%	0.097%
74	13.444	1889	1893	1895	rBV2	58325	88363	0.81%	0.272%
75	13.481	1896	1899	1903	rVB3	91260	122695	1.12%	0.378%
76	13.554	1907	1911	1914	rBV2	368721	597944	5.48%	1.840%

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Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

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\SFAMWLM011122SMA.M
Title : SFAM01.0

77	13.755	1938	1944	1954	rBV3	986012	1774129	16.25%	5.459%
78	13.859	1955	1961	1968	rVB2	341180	773370	7.08%	2.380%
79	14.011	1982	1986	1987	rBV	55791	74048	0.68%	0.228%
80	14.091	1996	1999	2004	rVB	120454	170009	1.56%	0.523%
81	14.200	2012	2017	2022	rBV2	84079	143506	1.31%	0.442%
82	14.341	2036	2040	2043	rBV4	48123	81121	0.74%	0.250%
83	14.383	2044	2047	2050	rBV4	84155	128863	1.18%	0.397%
84	14.450	2056	2058	2061	rBV	59162	74811	0.69%	0.230%
85	14.493	2061	2065	2070	rVB3	129701	217089	1.99%	0.668%
86	14.633	2085	2088	2092	rVB	29998	41074	0.38%	0.126%
87	14.688	2092	2097	2098	rBV	41332	59275	0.54%	0.182%
88	14.718	2099	2102	2108	rVB2	135887	198861	1.82%	0.612%
89	14.786	2108	2113	2119	rBV2	123926	288763	2.64%	0.889%
90	14.950	2137	2140	2146	rVB2	37511	61208	0.56%	0.188%
91	15.060	2155	2158	2167	rBV4	27594	50615	0.46%	0.156%
92	15.243	2185	2188	2195	rVB6	36560	72157	0.66%	0.222%
93	15.316	2196	2200	2201	rVV2	85802	100799	0.92%	0.310%
94	15.359	2202	2207	2216	rVV	1521251	2671103	24.46%	8.219%
95	15.462	2218	2224	2232	rVV	135050	288122	2.64%	0.887%
96	15.548	2233	2238	2247	rVB	178510	292783	2.68%	0.901%
97	16.133	2331	2334	2342	rVB7	20974	48704	0.45%	0.150%
98	16.273	2354	2357	2363	rVB4	61901	105459	0.97%	0.325%
99	16.438	2376	2384	2397	rVB	5112372	10918769	100.00%	33.598%
100	16.639	2409	2417	2429	rVB	1557066	3613928	33.10%	11.120%

Sum of corrected areas: 32497993

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
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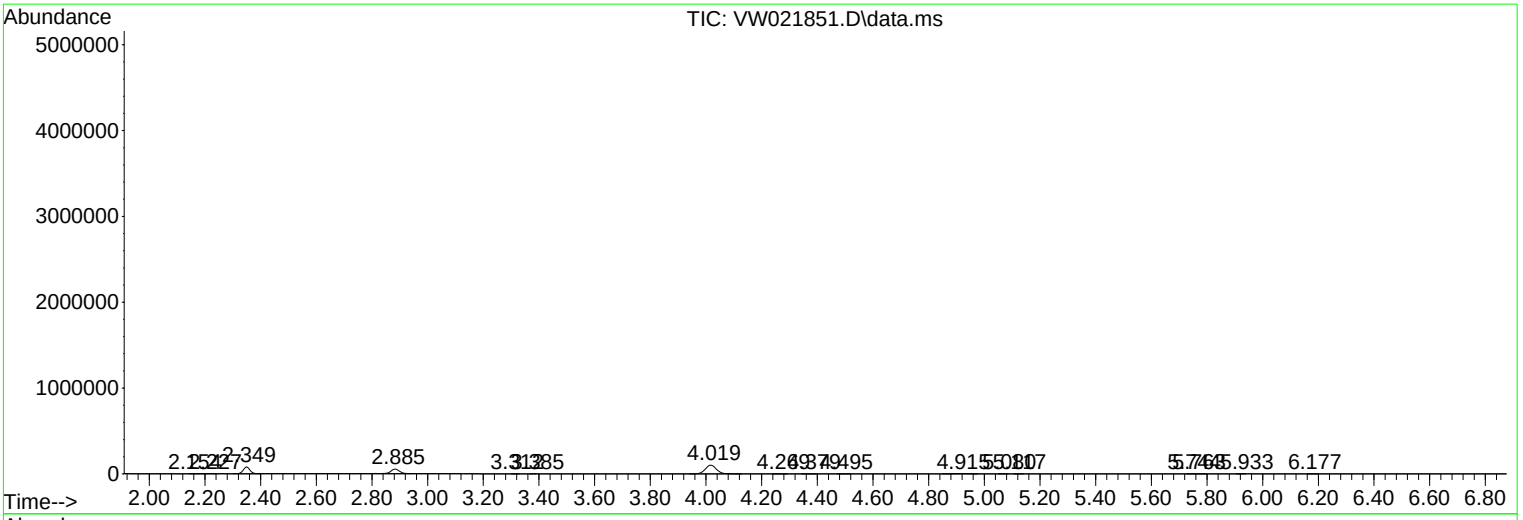
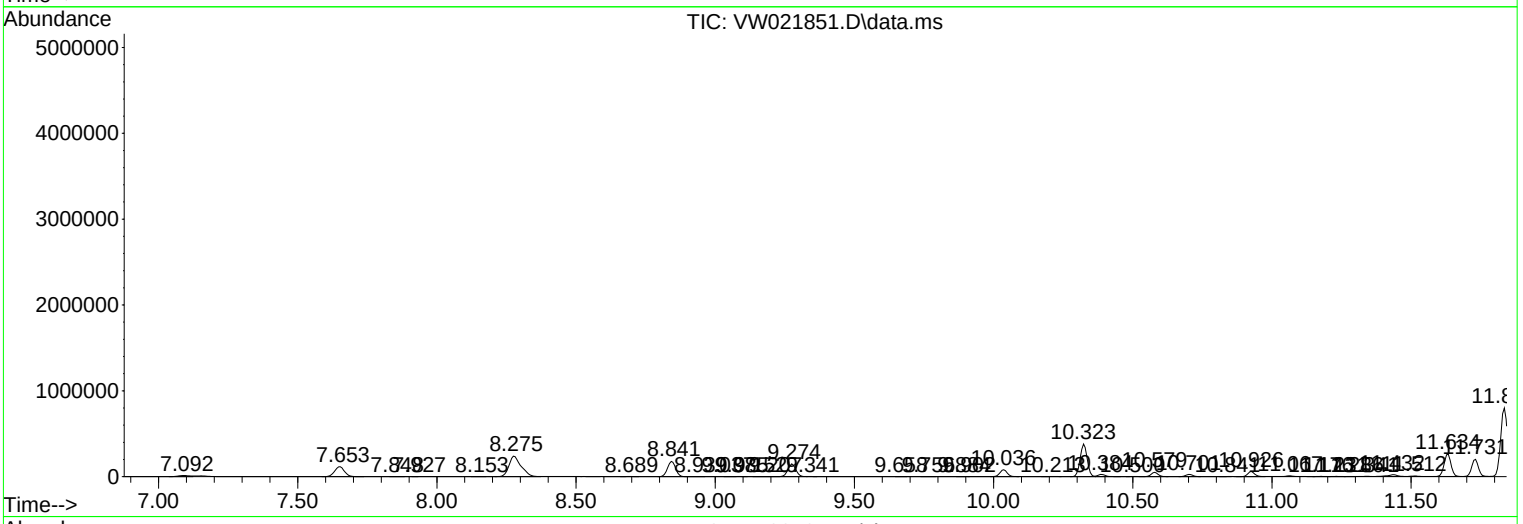
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

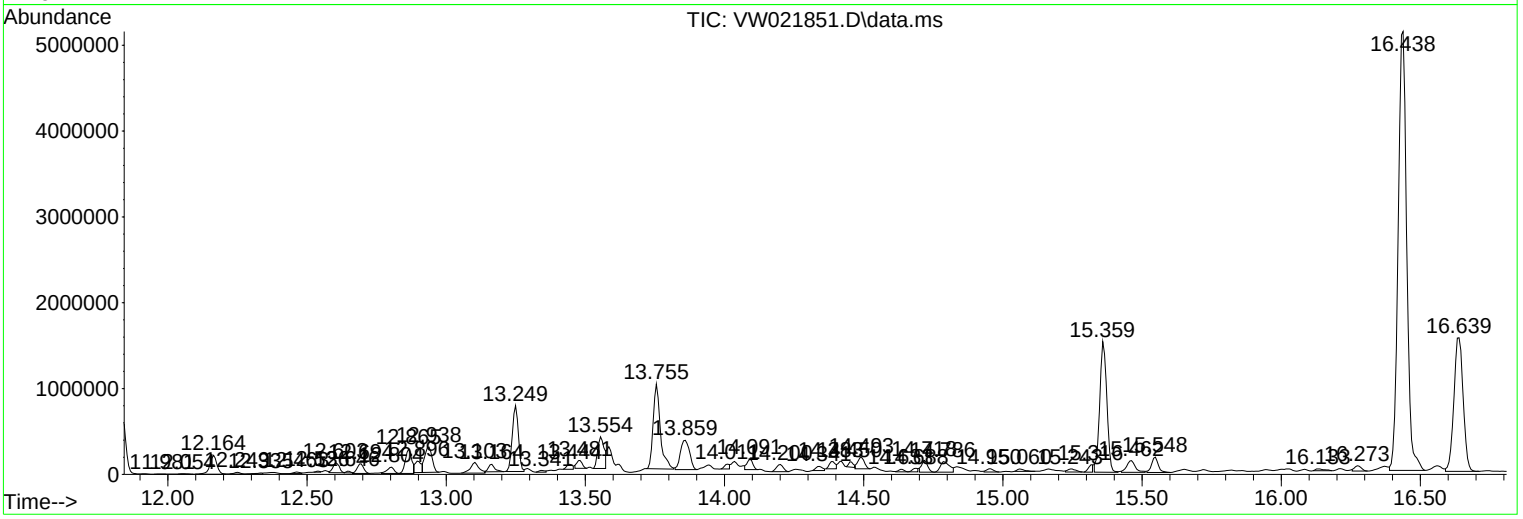
Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

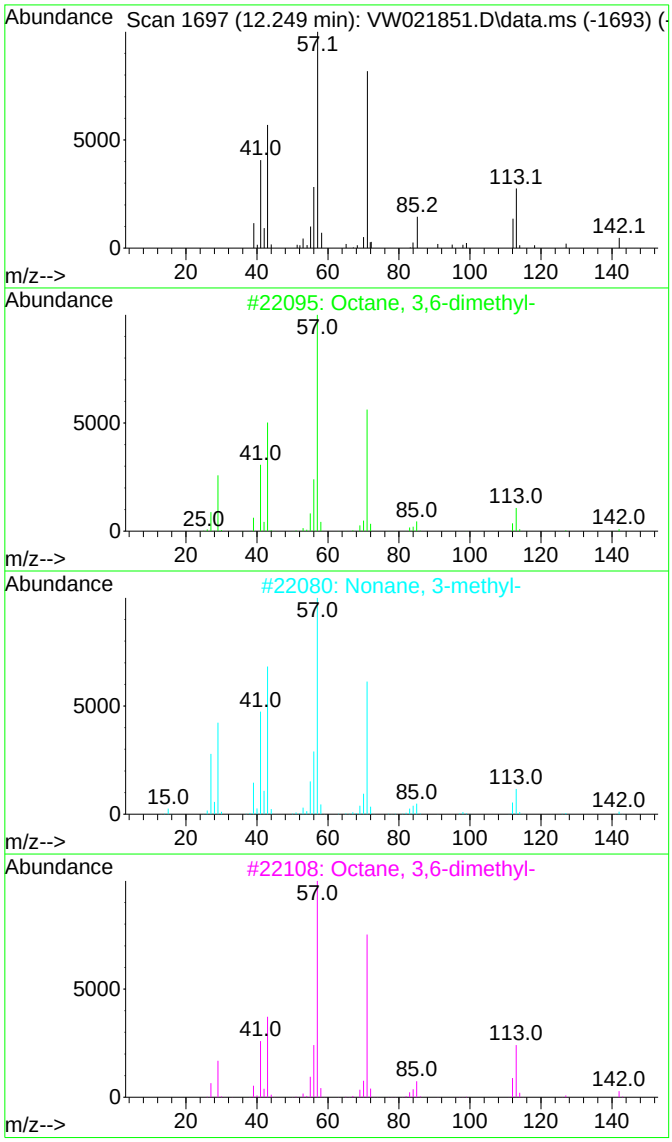
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

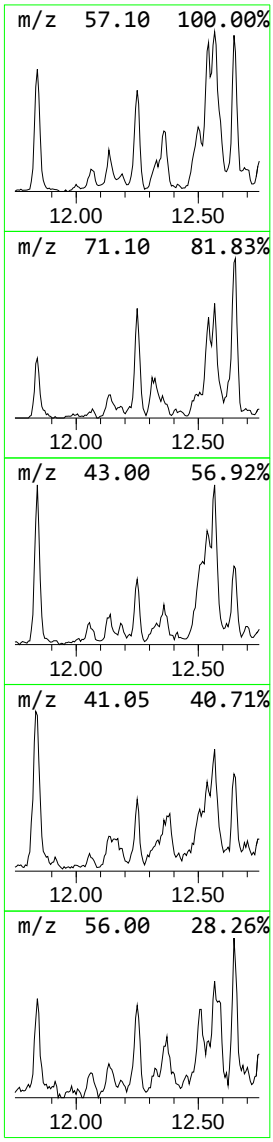
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	1.69 ug/L	30522	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
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Operator : SY/VA
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

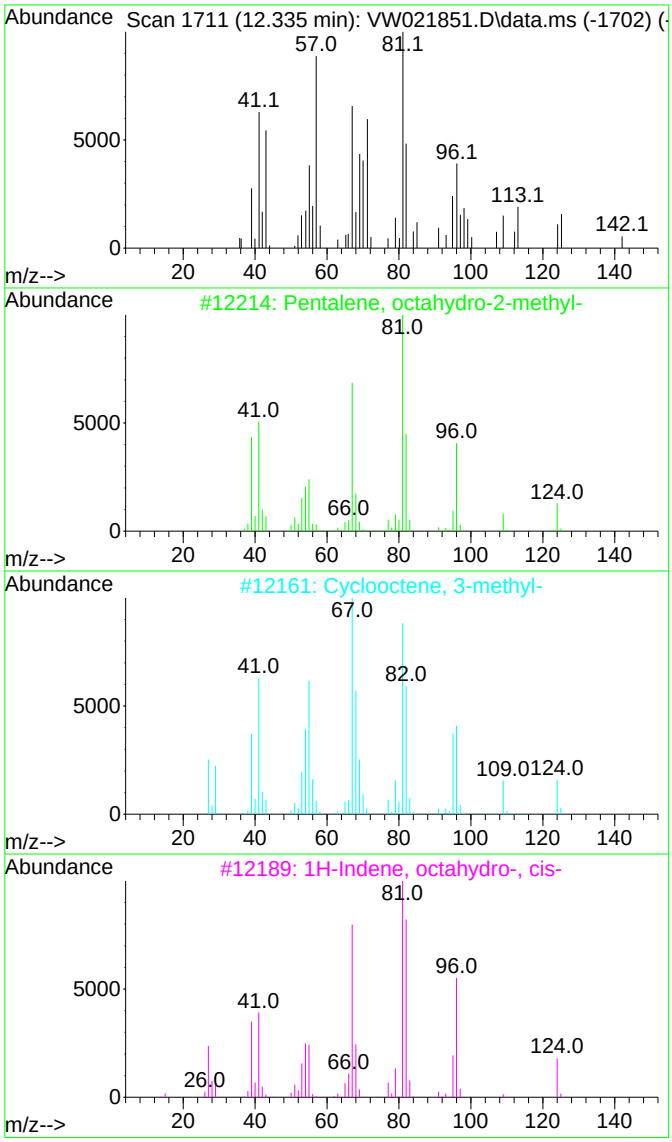
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

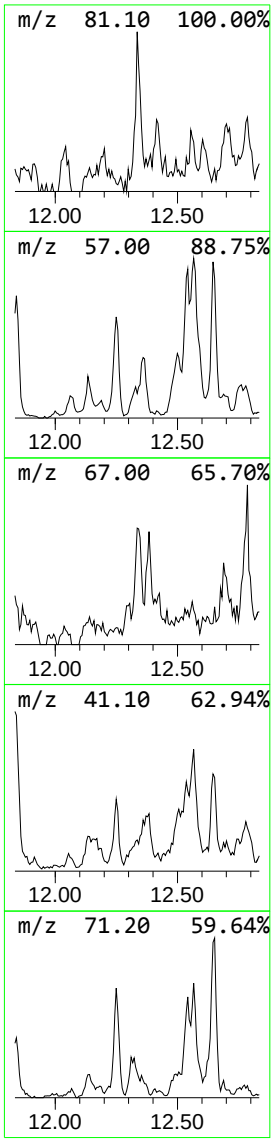
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentalene, octahydro-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	1.42 ug/L	25623	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	46
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	43
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43





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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

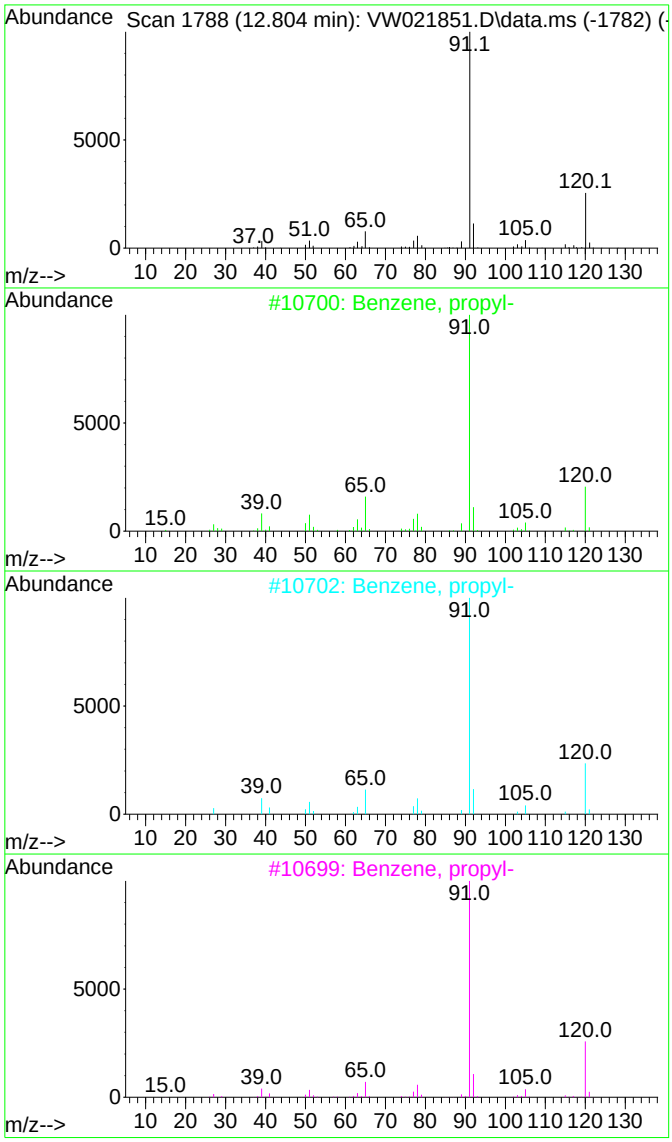
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

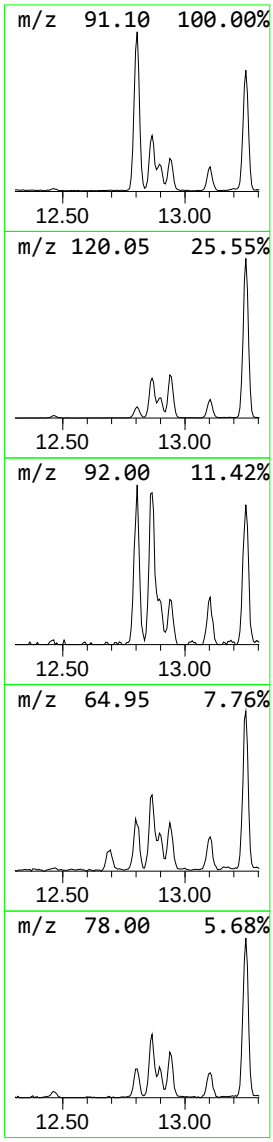
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	5.21 ug/L	124568	1,4-Dichlorobenzene-d4	13.554

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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

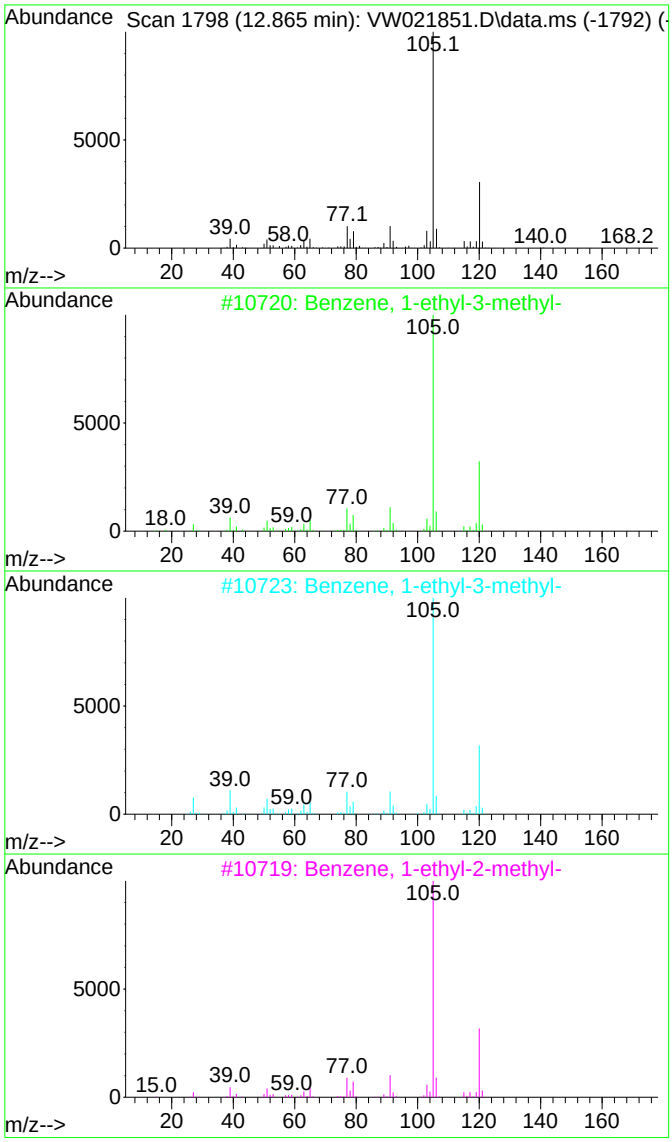
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

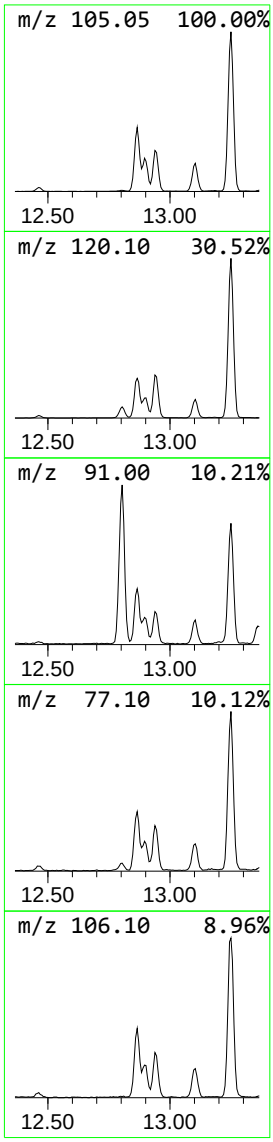
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	18.91 ug/L	452353	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

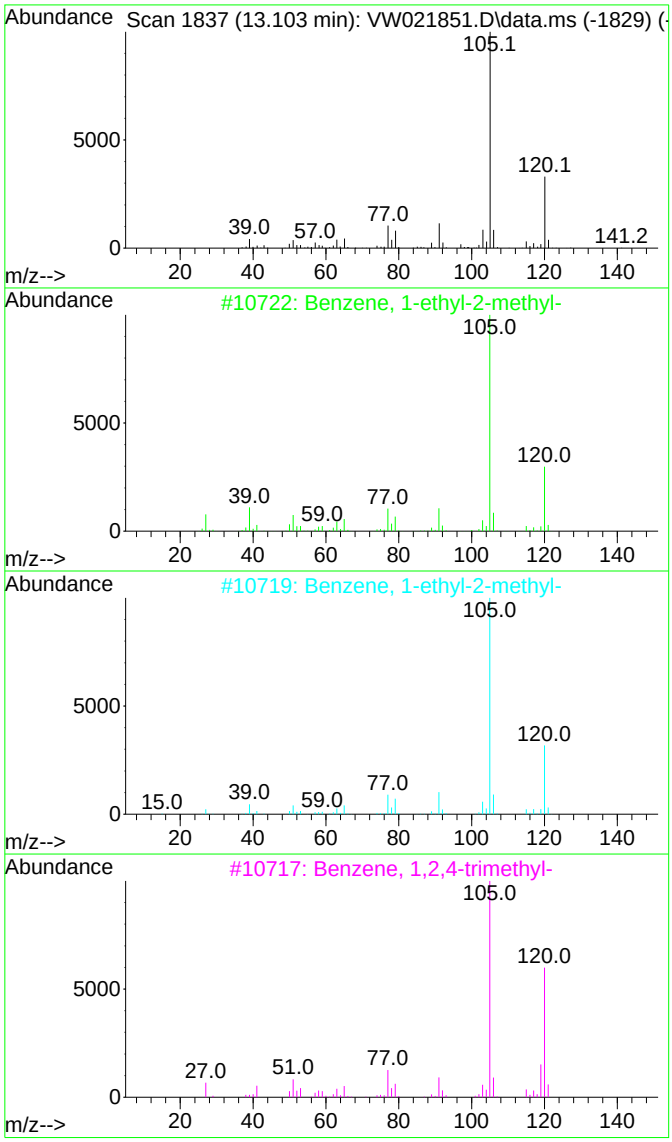
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

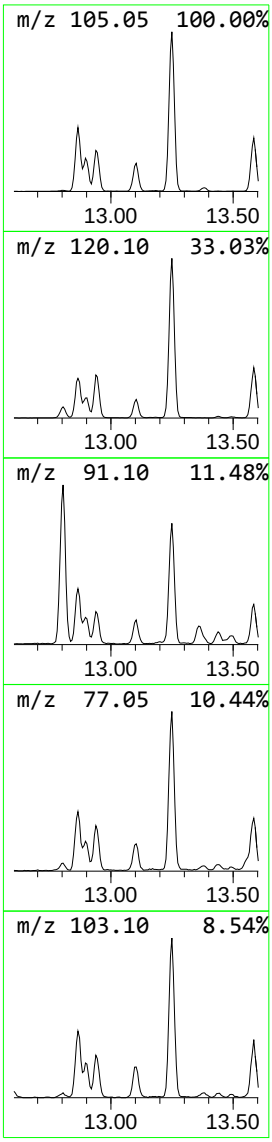
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	11.09 ug/L	265131	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

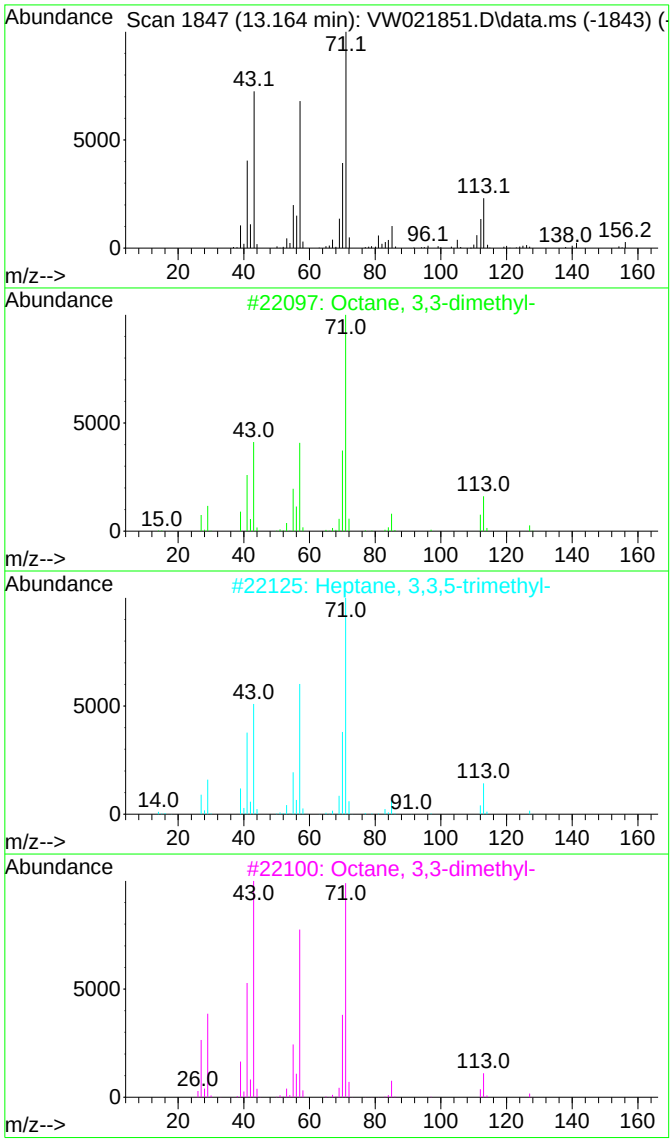
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

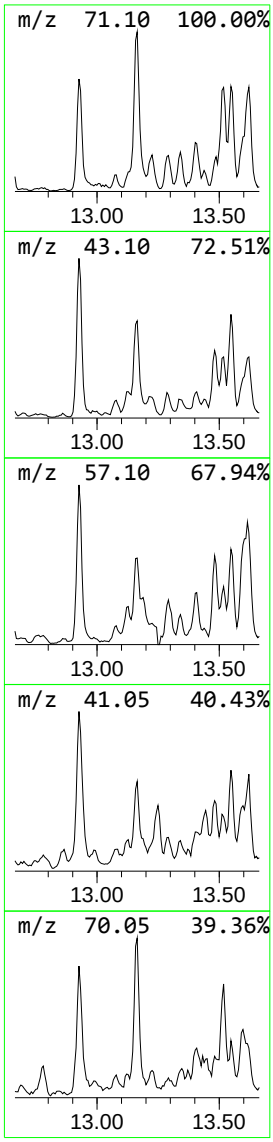
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	5.70 ug/L	136291	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

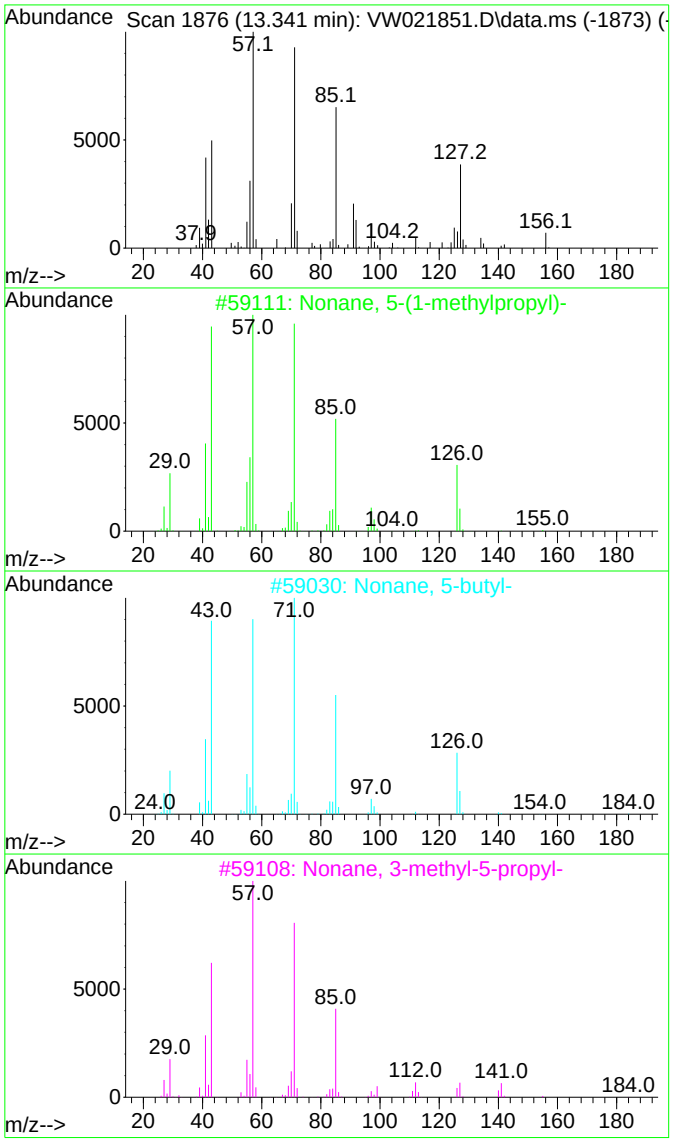
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

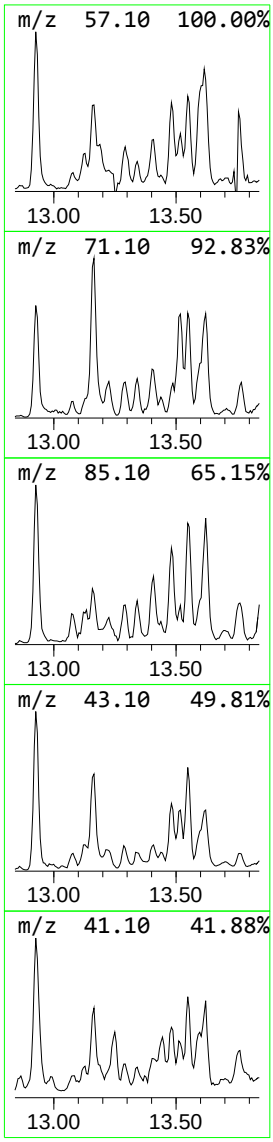
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	1.32 ug/L	31593	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	50





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Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

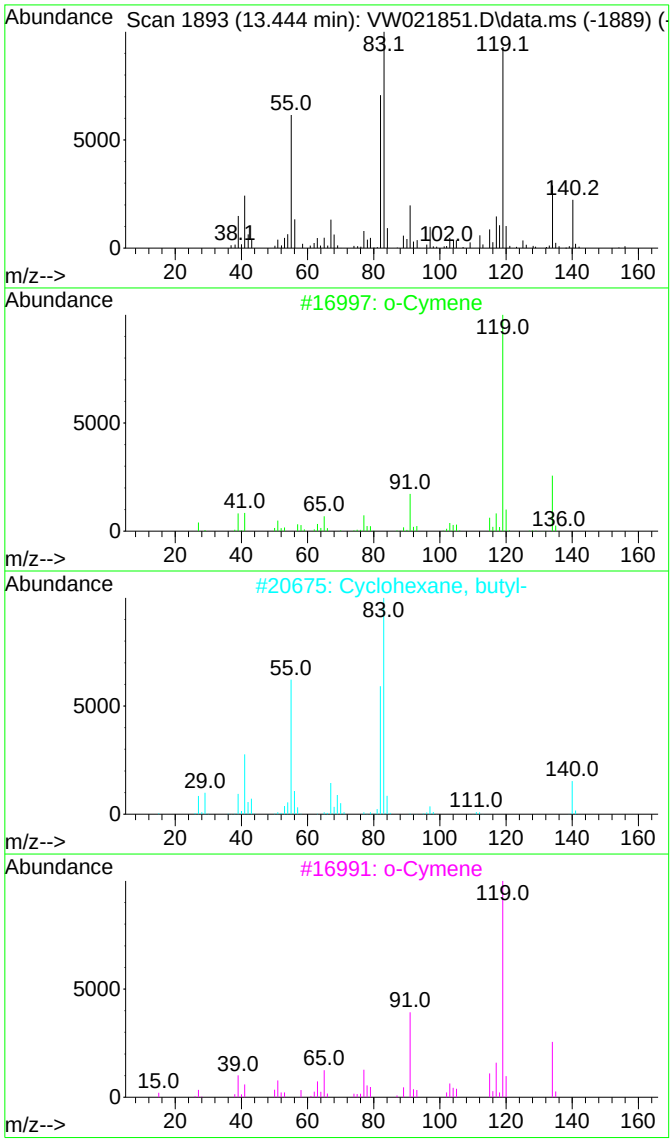
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

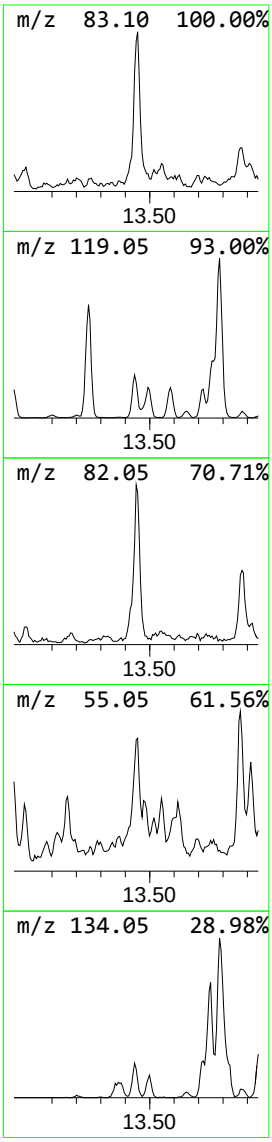
****

Peak Number 12 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	3.69 ug/L	88363	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3	o-Cymene	134	C10H14	000527-84-4	42
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
5	p-Cymene	134	C10H14	000099-87-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

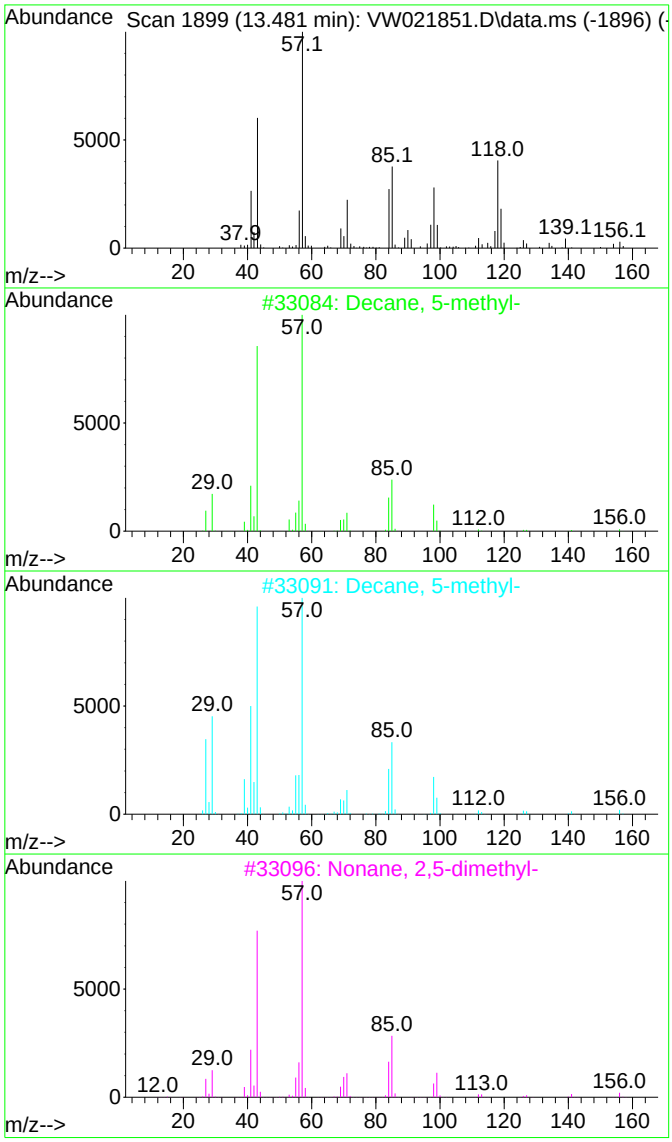
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

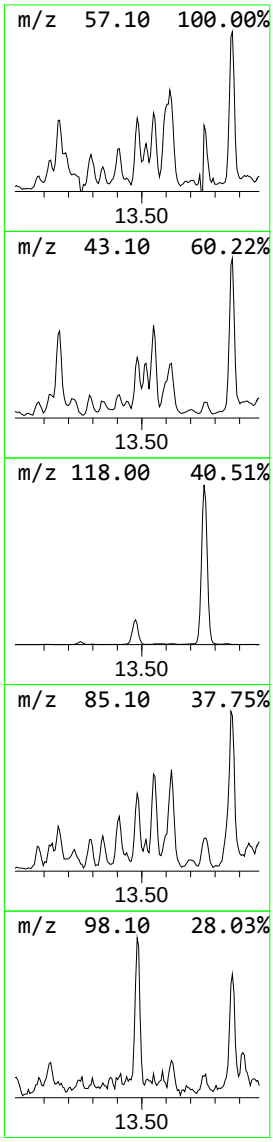
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	5.13 ug/L	122695	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	49
2	Decane, 5-methyl-	156	C11H24	013151-35-4	38
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	38
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
5	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	27





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Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

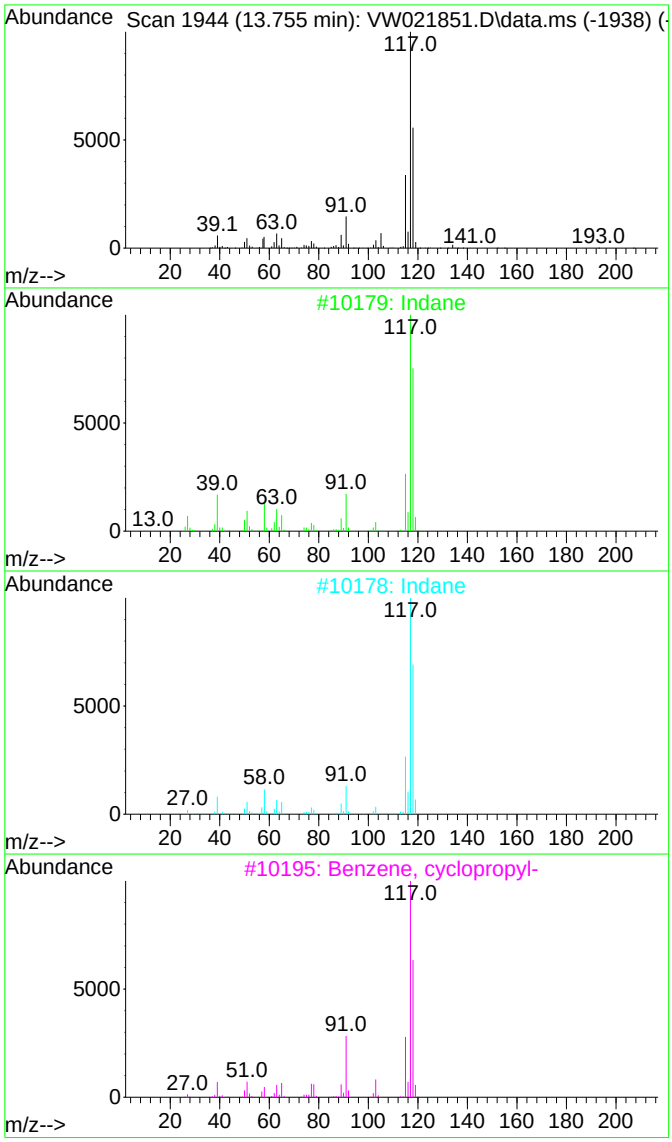
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

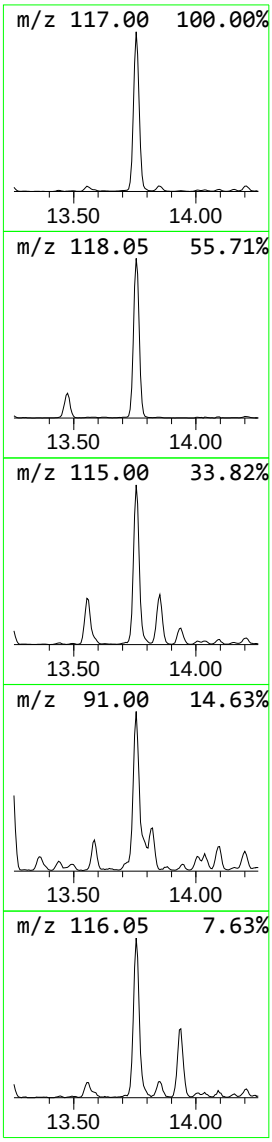
****

Peak Number 14 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	74.18 ug/L	1774130	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

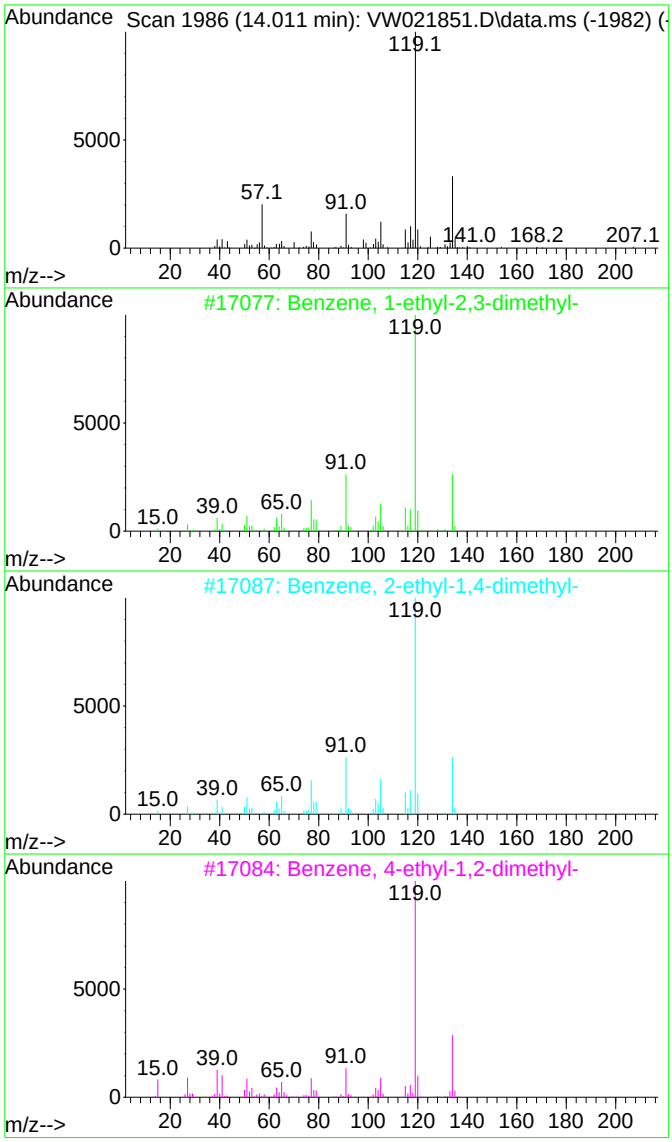
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

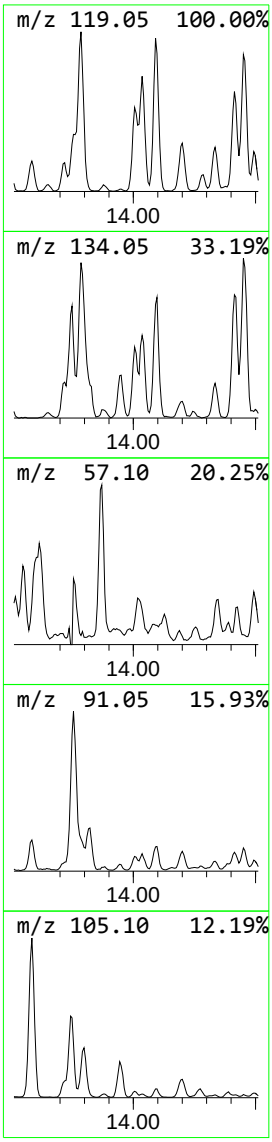
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	3.10 ug/L	74048	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

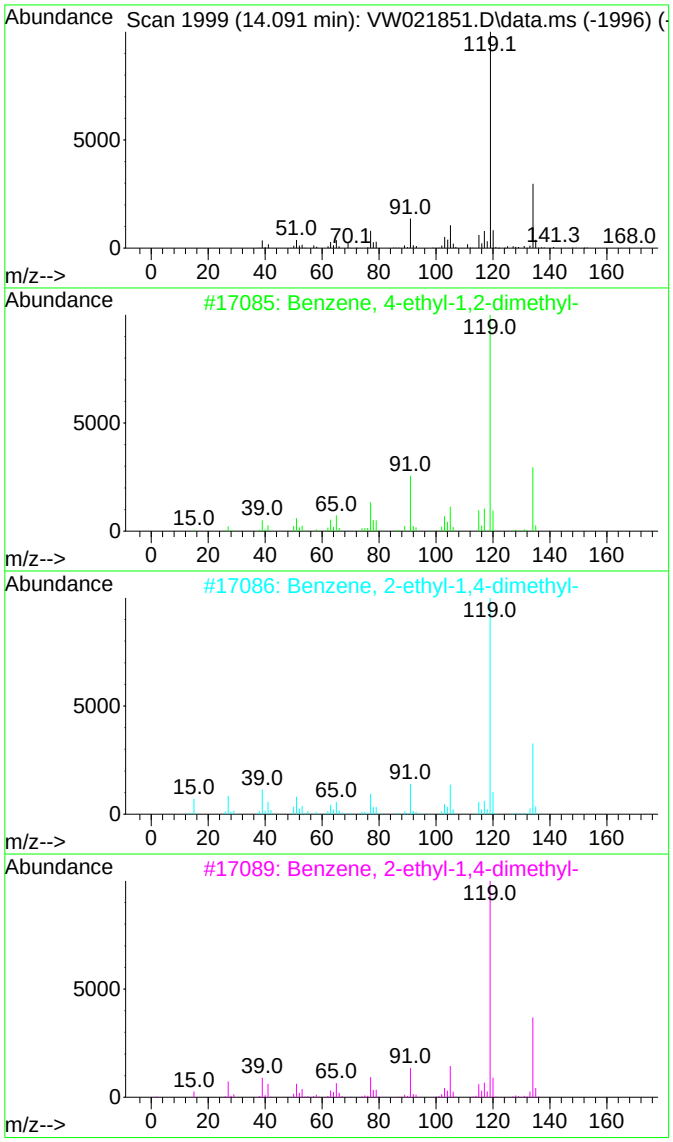
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

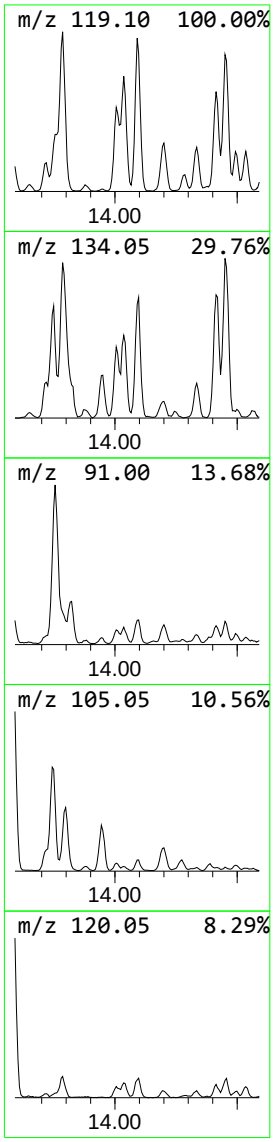
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	7.11 ug/L	170009	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

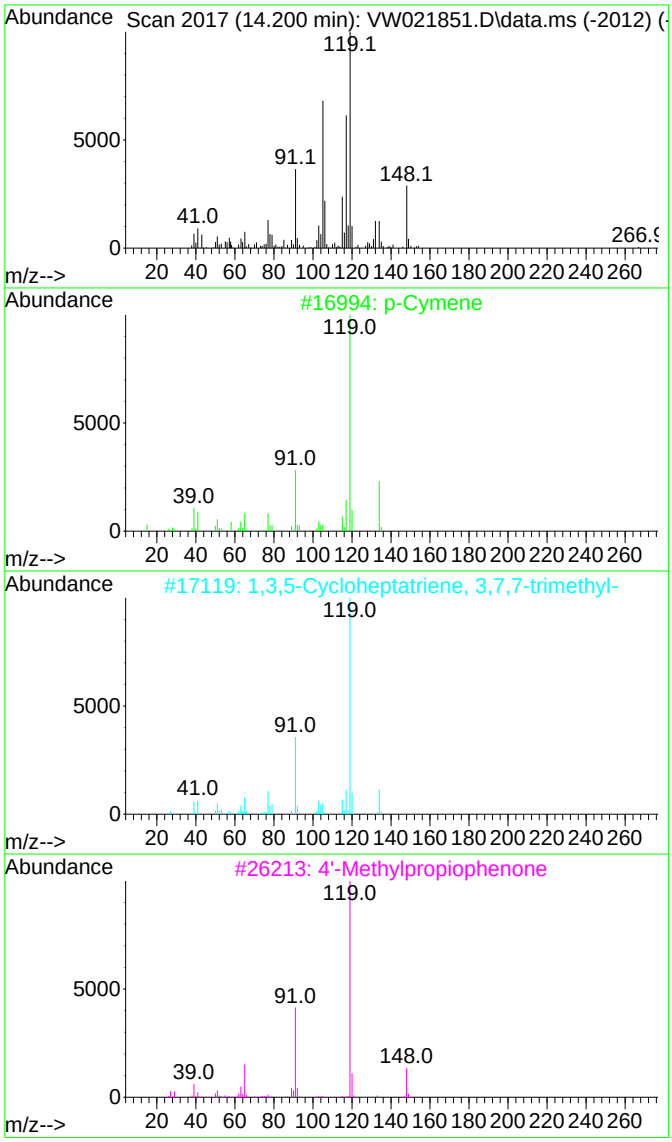
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

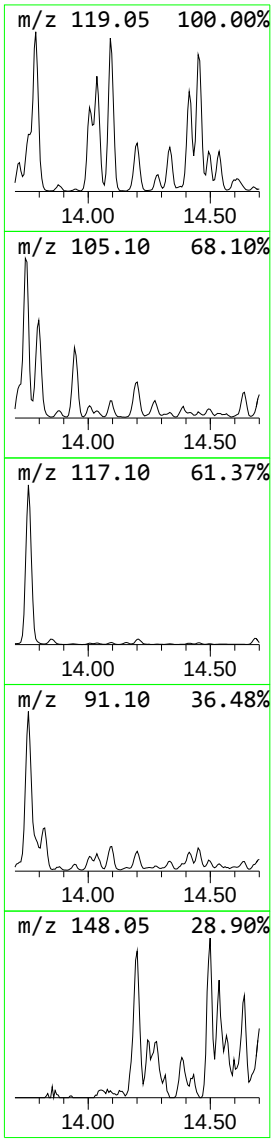
****

Peak Number 17 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	6.00 ug/L	143506	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	46
2	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	46
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

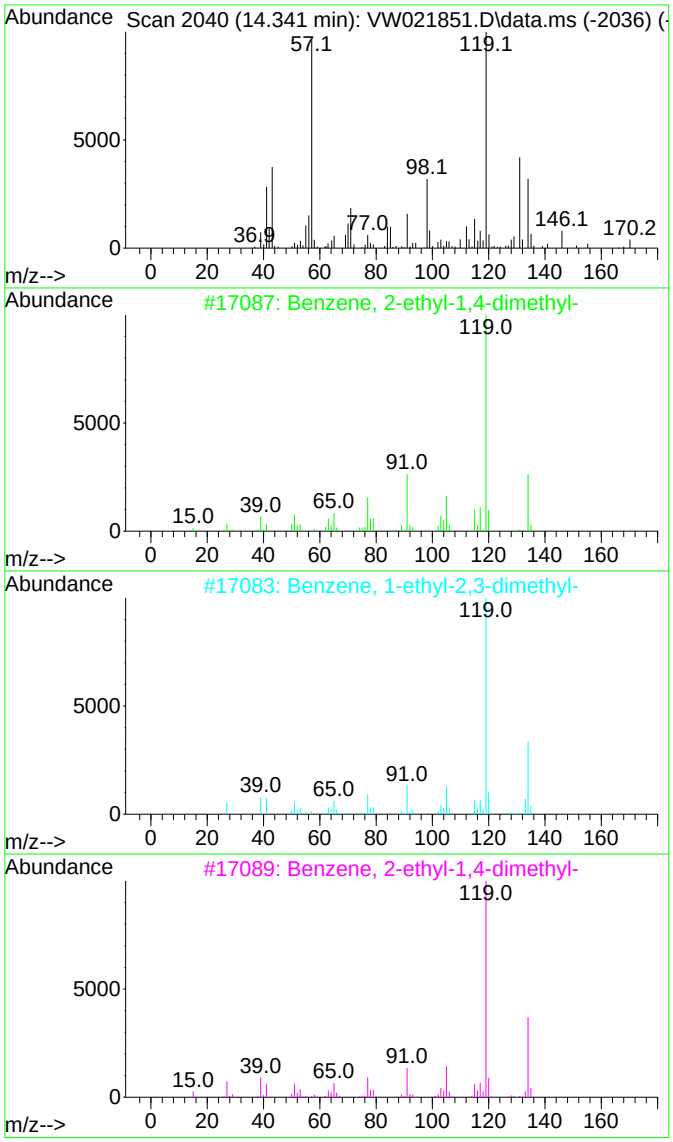
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

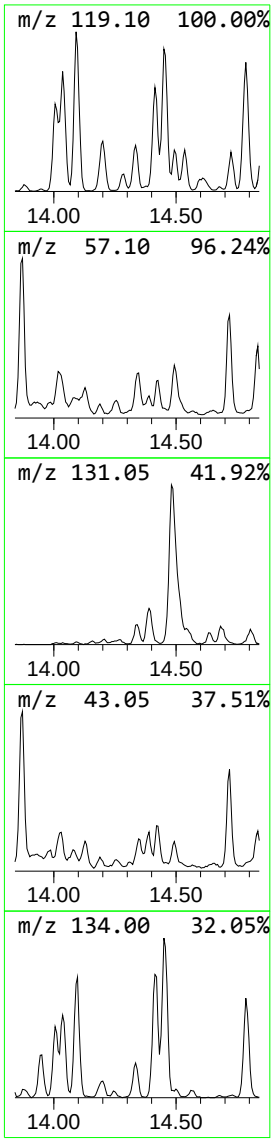
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	3.39 ug/L	81121	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

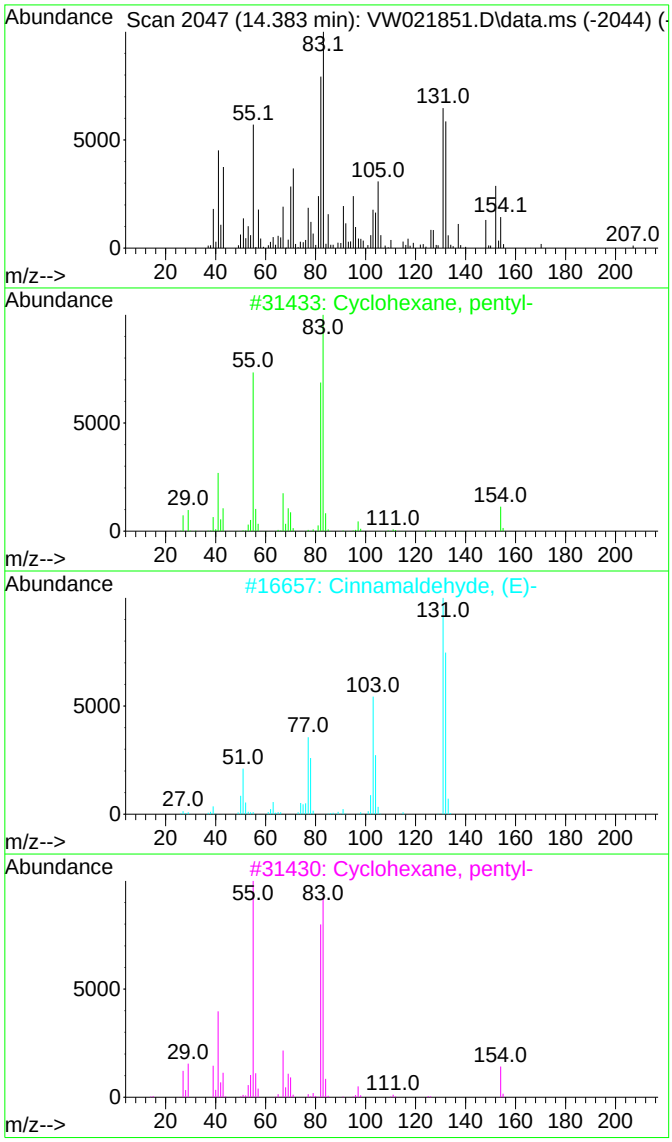
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

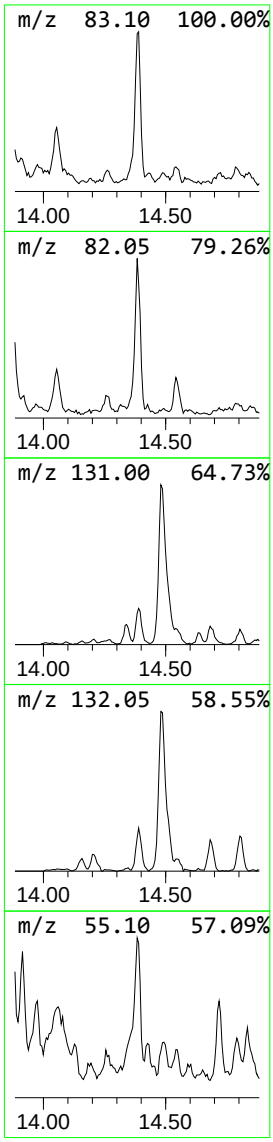
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic14.383 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	5.39 ug/L	128863	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	41
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	35
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

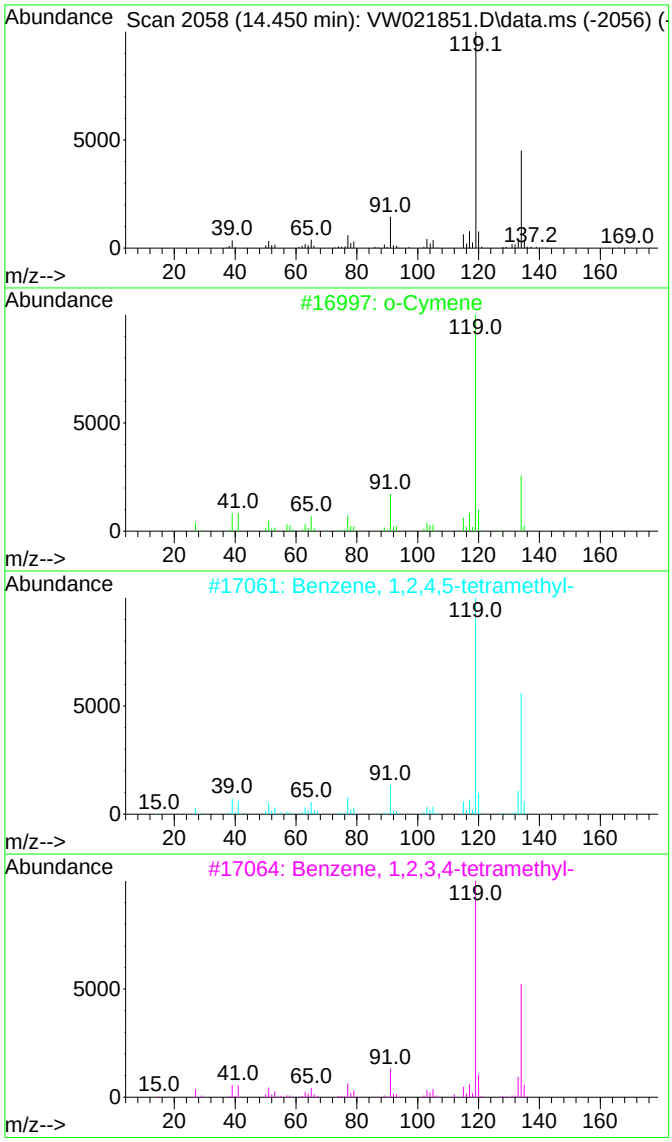
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

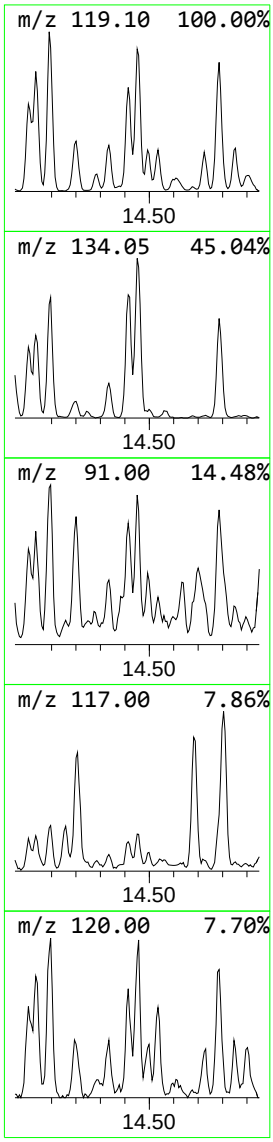
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	3.13 ug/L	74811	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91





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Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

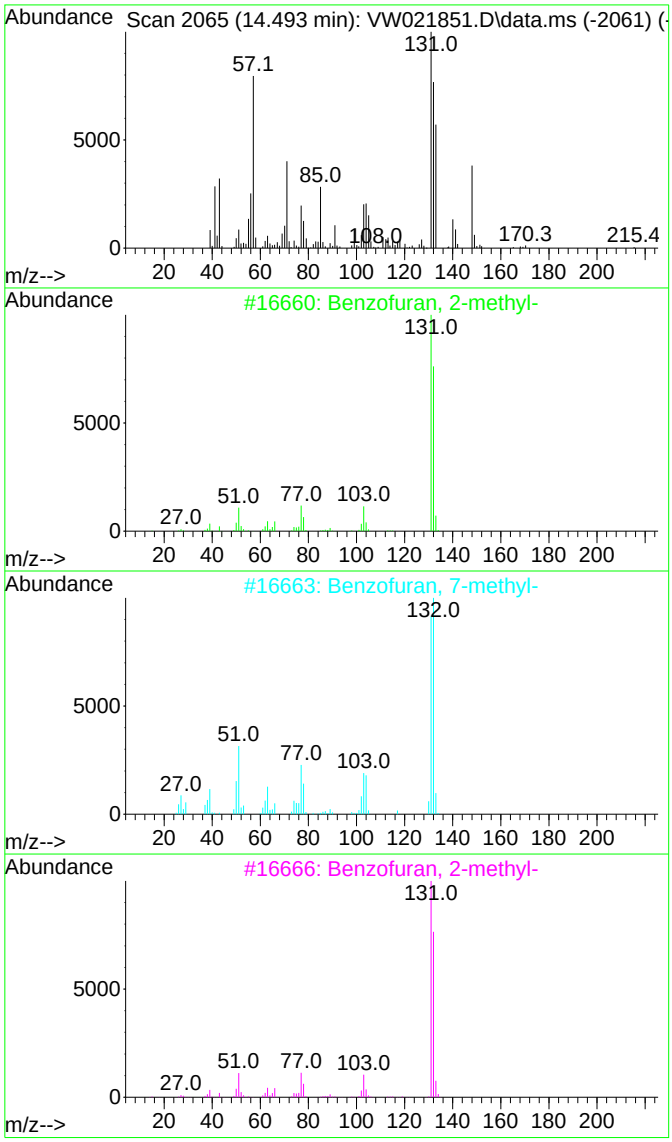
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

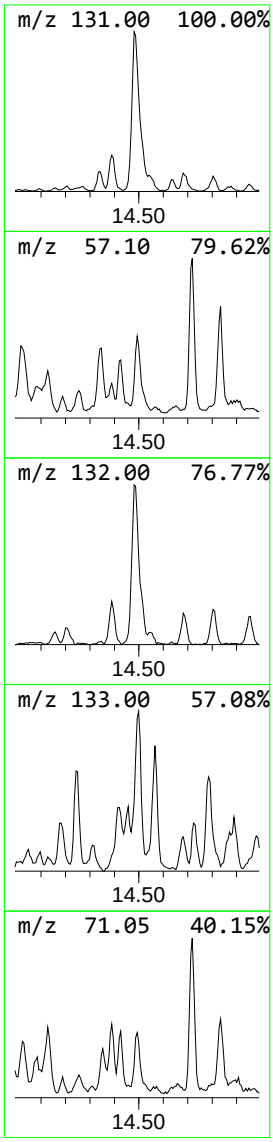
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	9.08 ug/L	217089	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	53
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	49
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	46
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	46





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Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

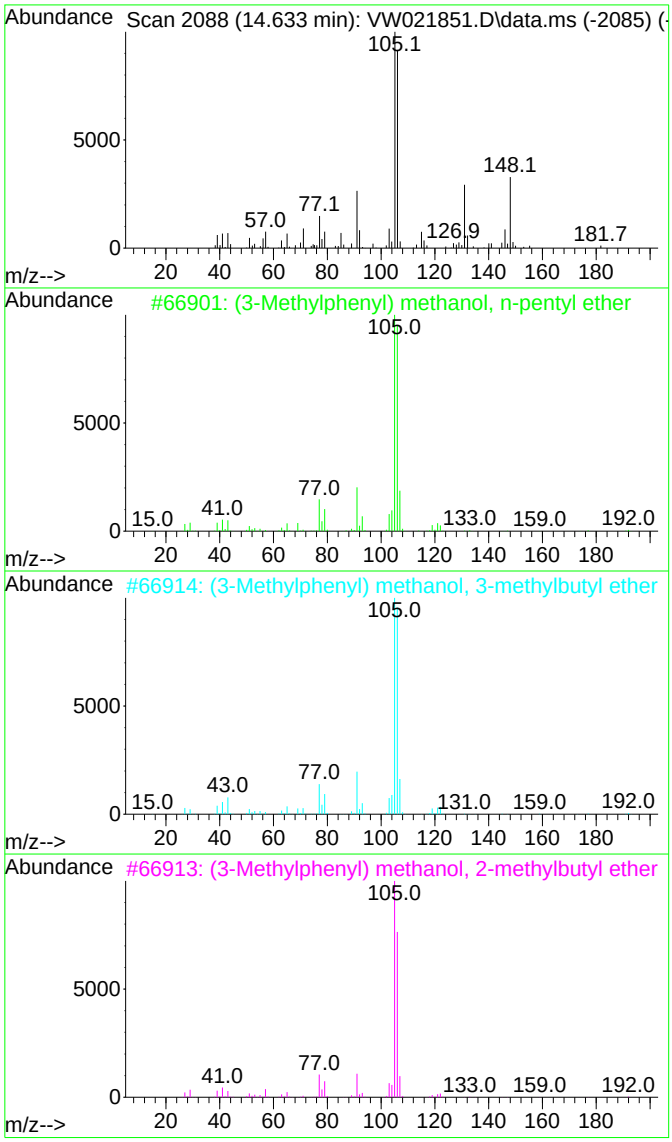
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

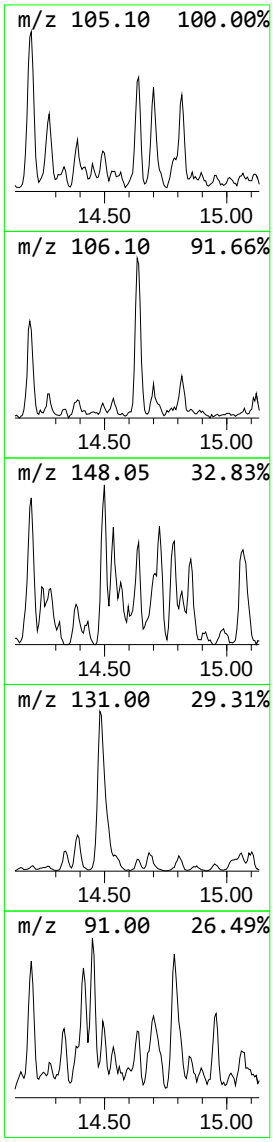
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (3-Methylphenyl) methanol, ... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	1.72 ug/L	41074	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	50
2	(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	50
3	(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	40
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	35
5	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	35





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Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

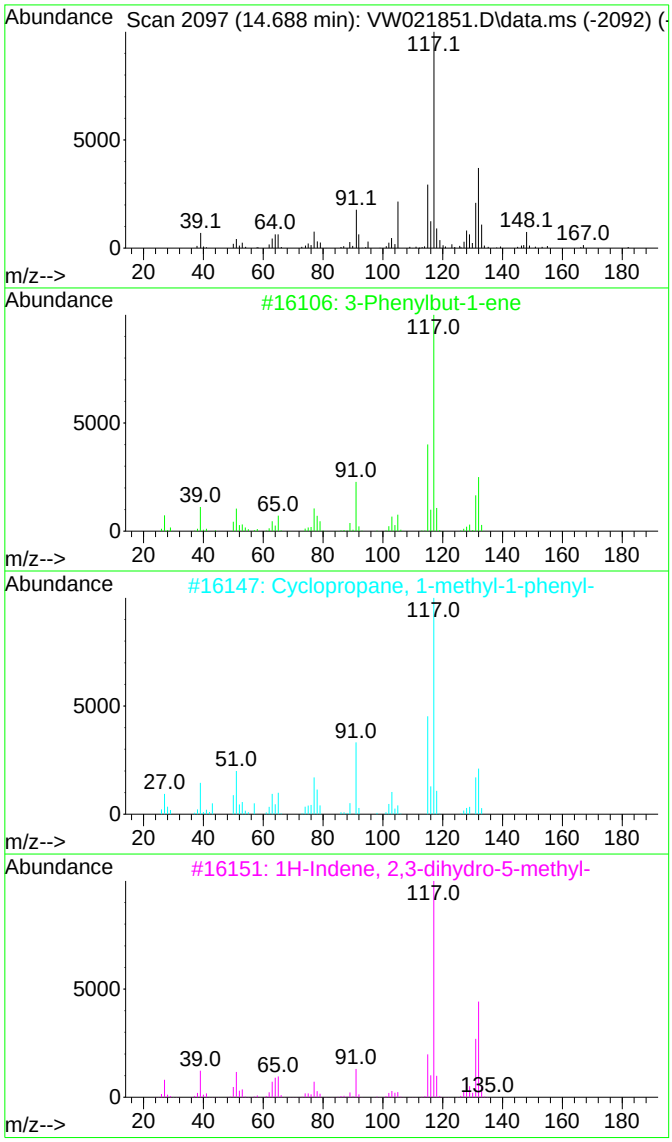
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

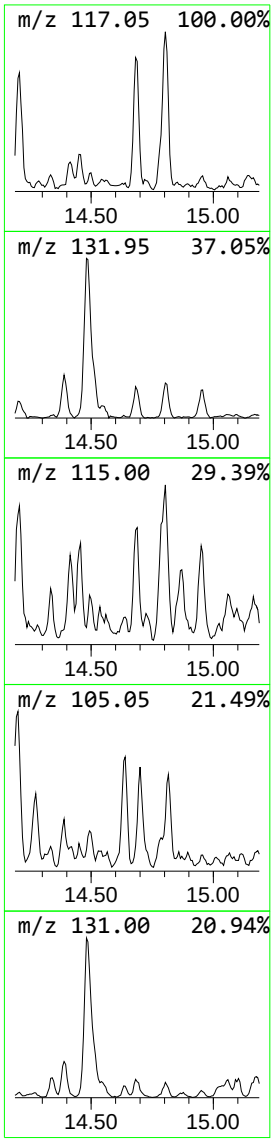
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 3-Phenylbut-1-ene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	2.48 ug/L	59275	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

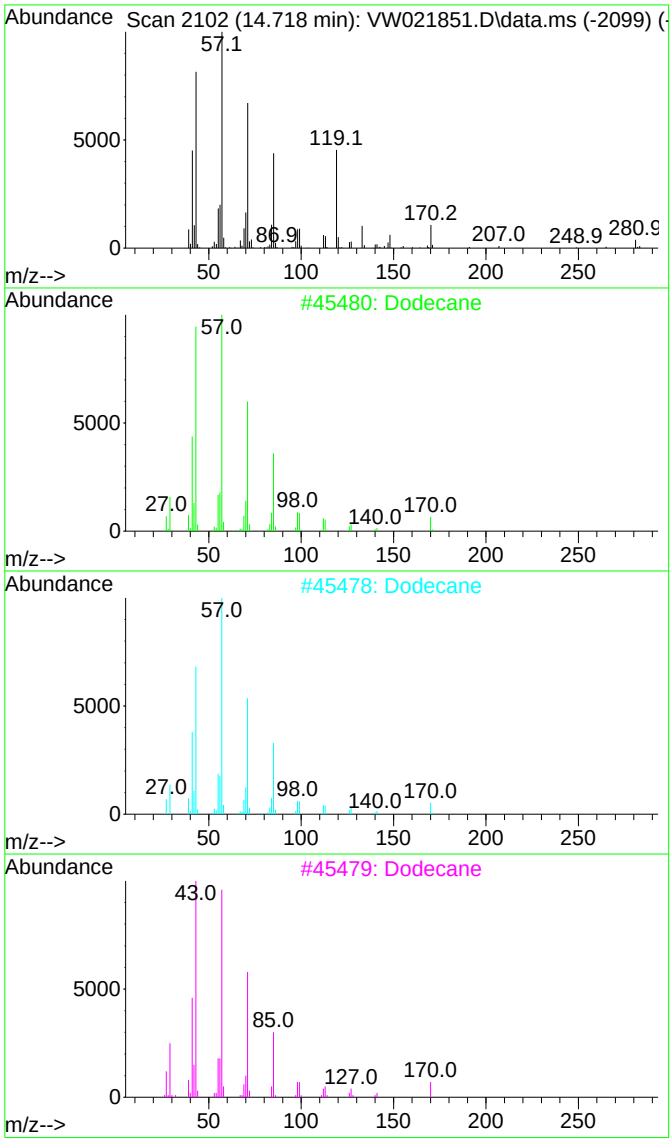
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

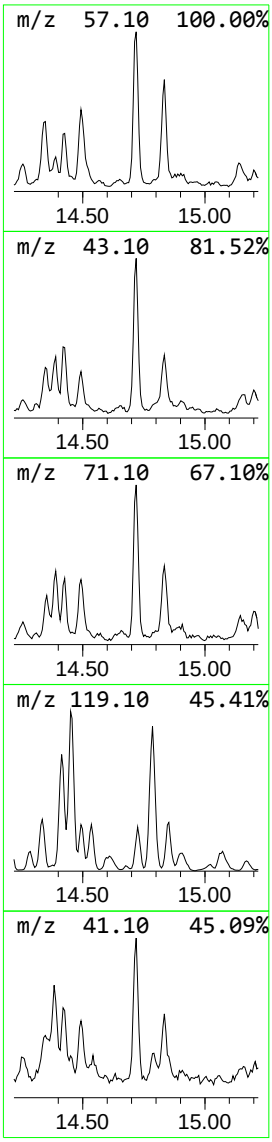
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	8.31 ug/L	198861	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	96
3	Dodecane	170	C12H26	000112-40-3	70
4	Tridecane	184	C13H28	000629-50-5	58
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

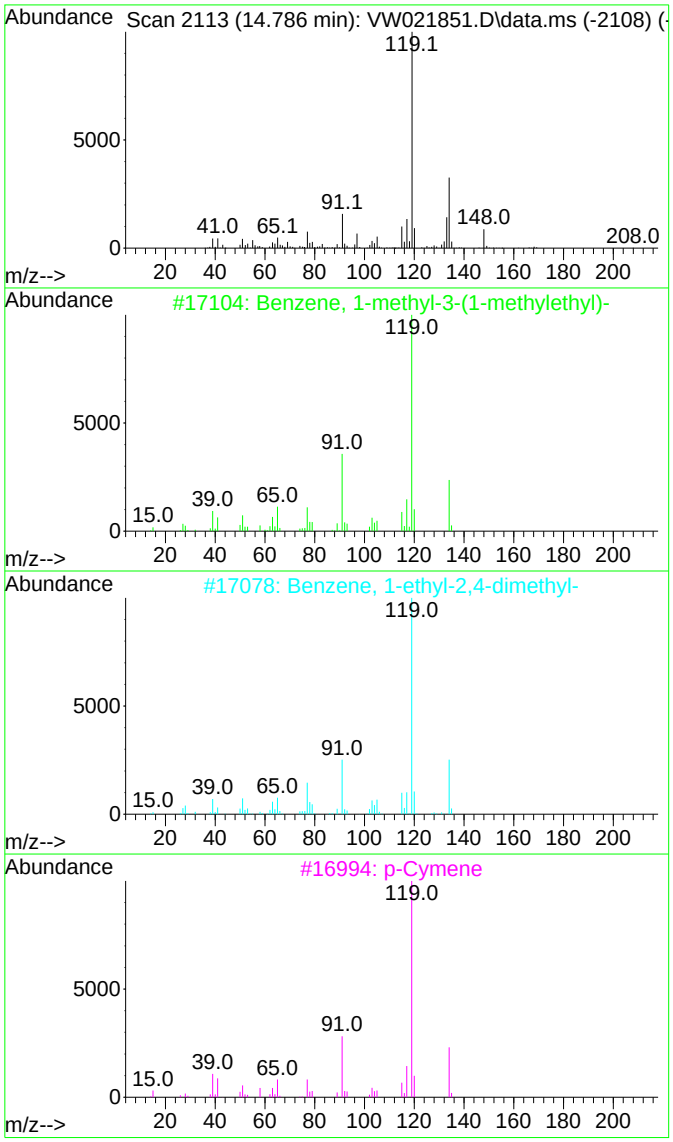
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

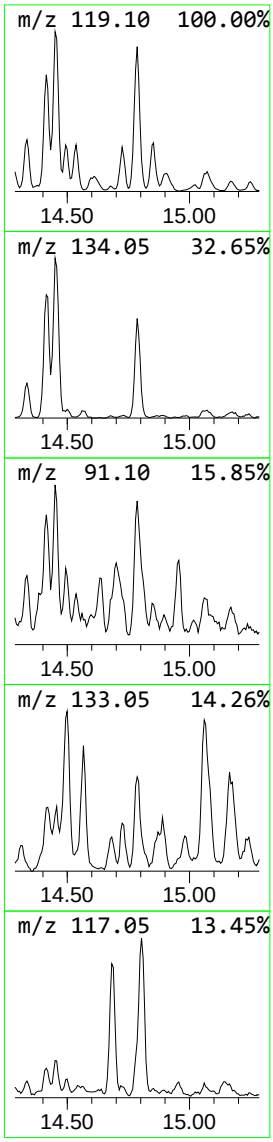
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	12.07 ug/L	288763	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

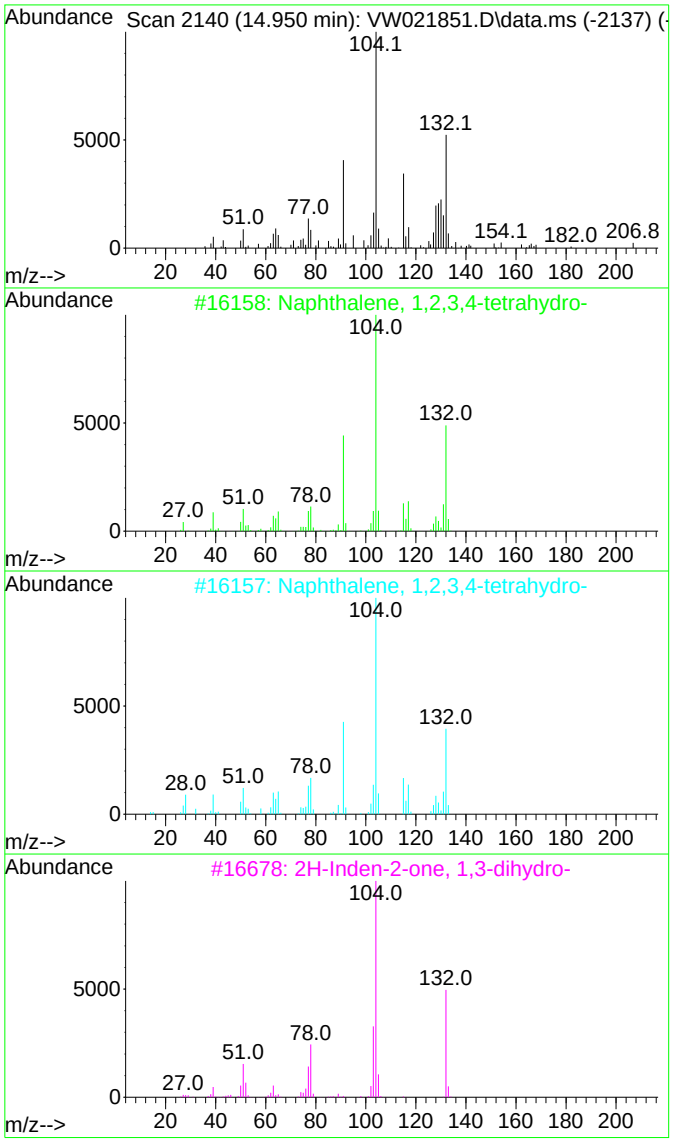
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

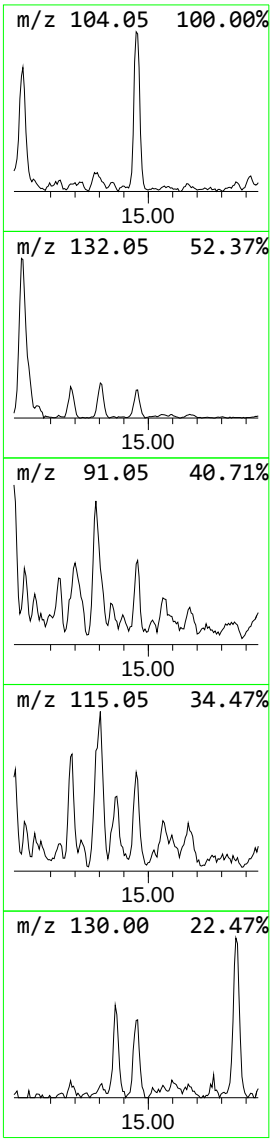
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.56 ug/L	61208	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	41
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

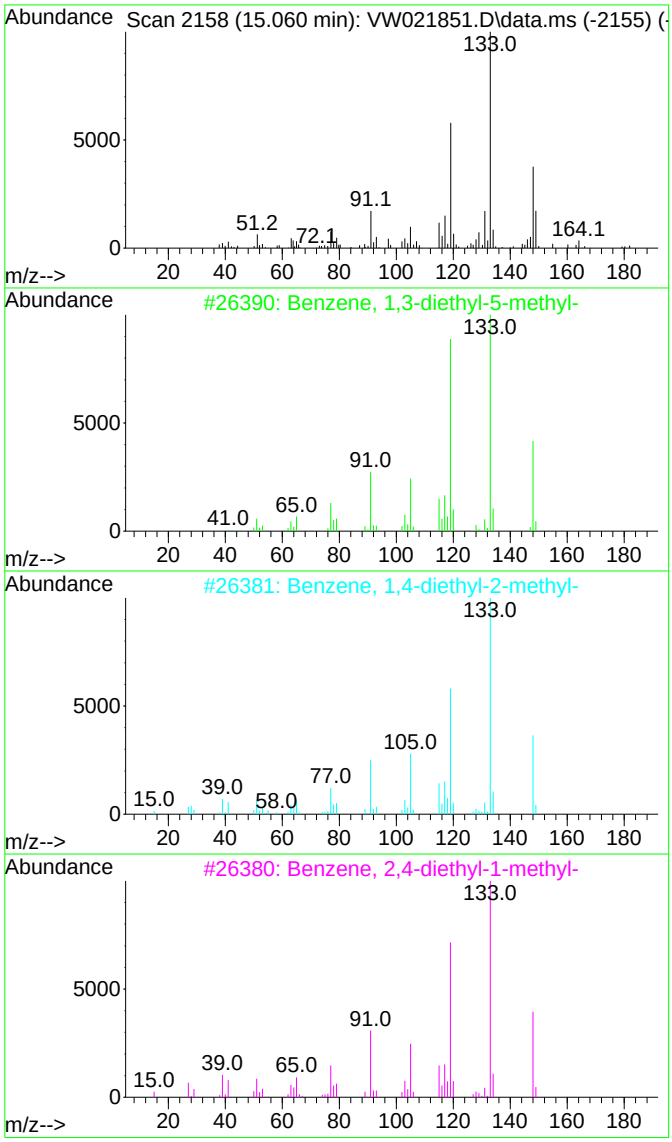
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

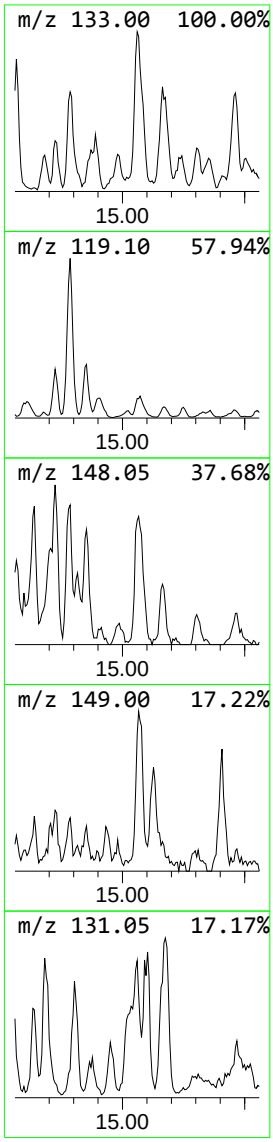
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.12 ug/L	50615	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	80
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

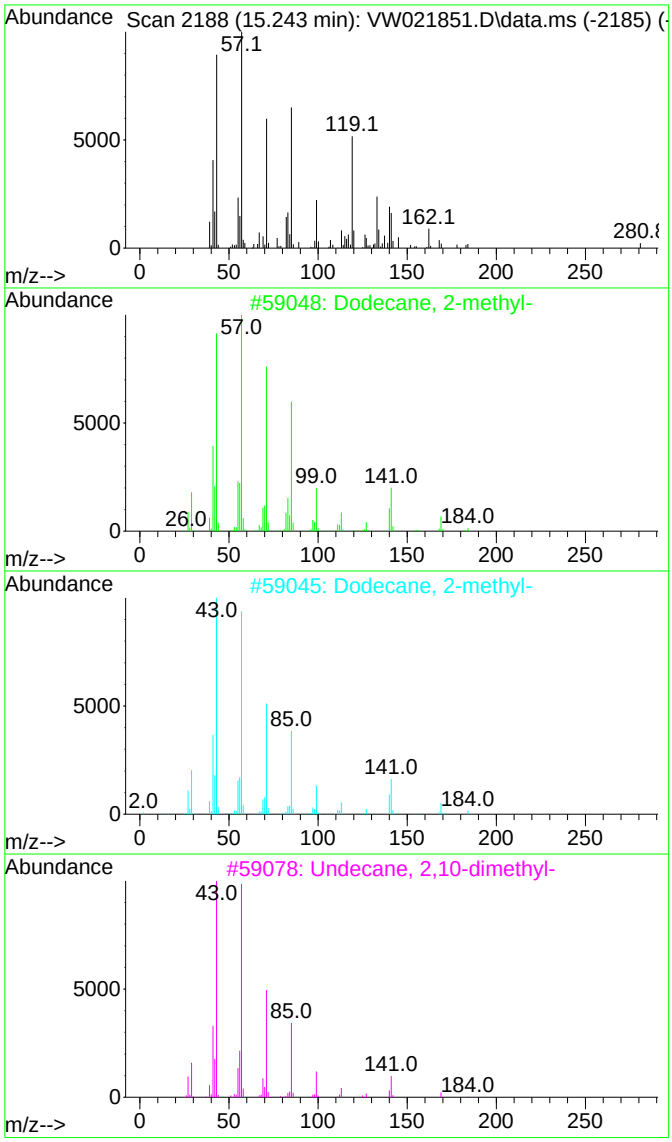
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

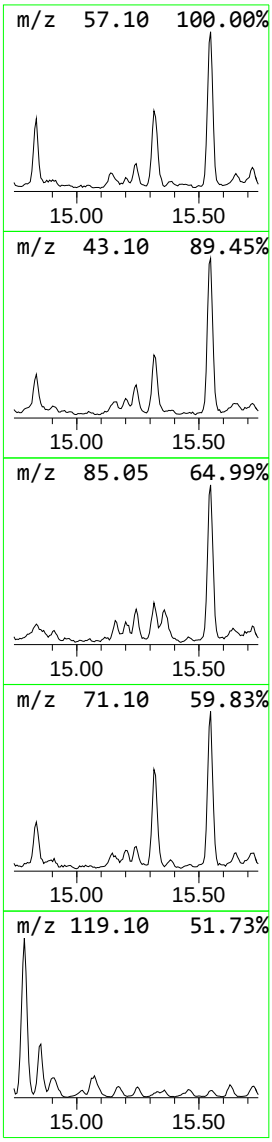
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	3.02 ug/L	72157	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	49
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	43
5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

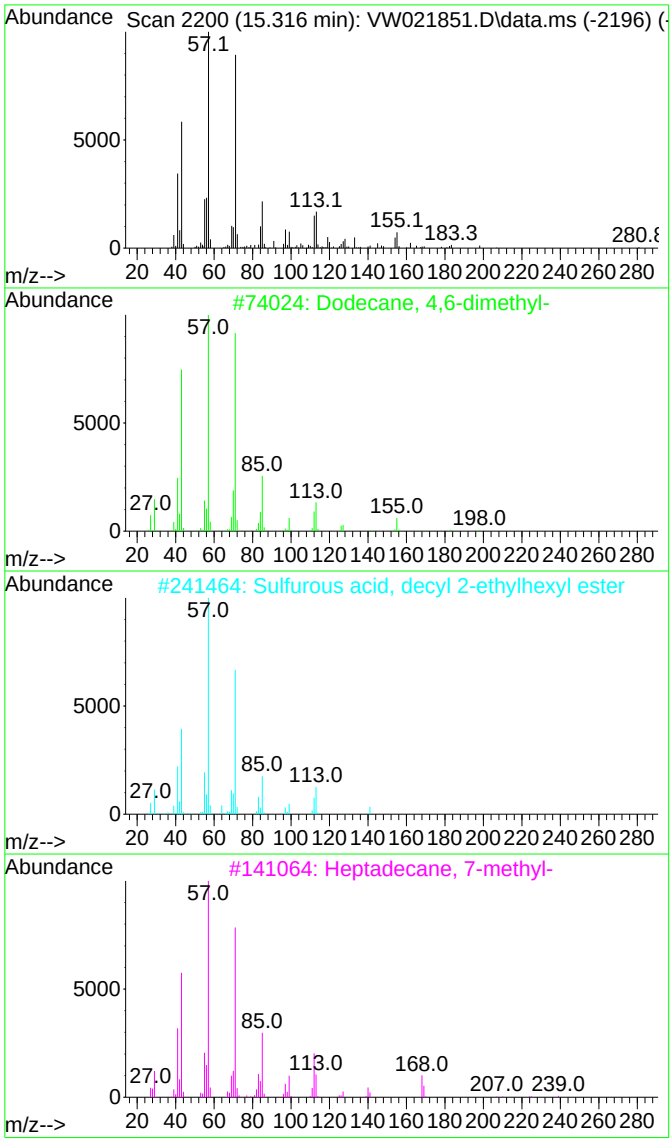
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

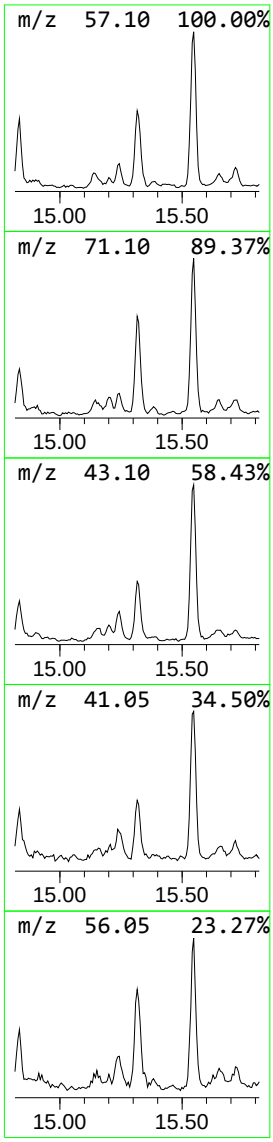
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	4.21 ug/L	100799	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

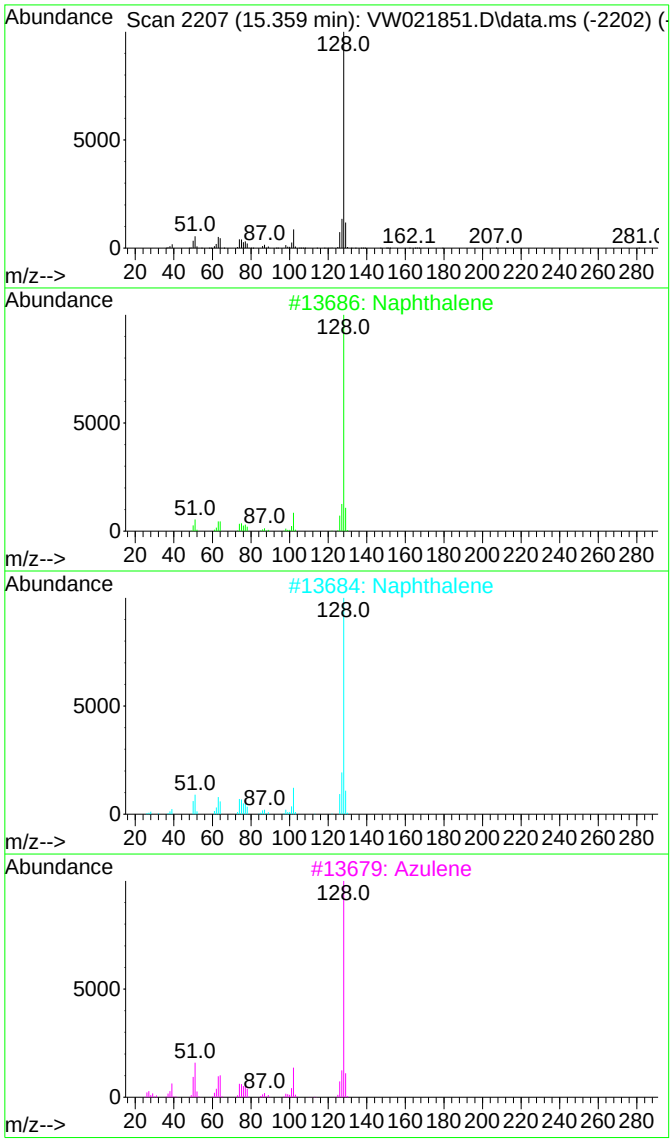
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

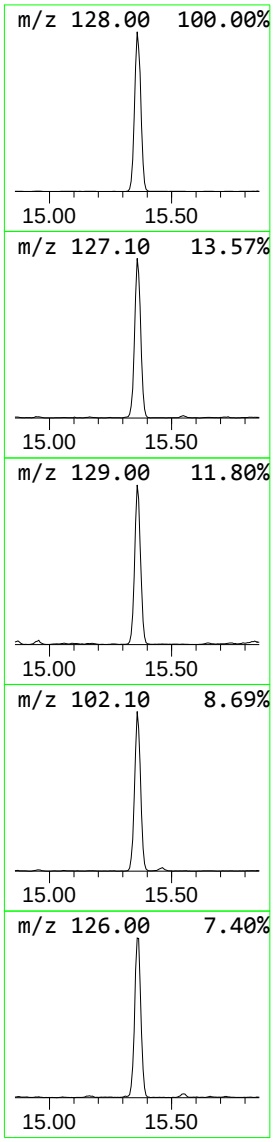
****

Peak Number 30 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	111.68 ug/L	2671100	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

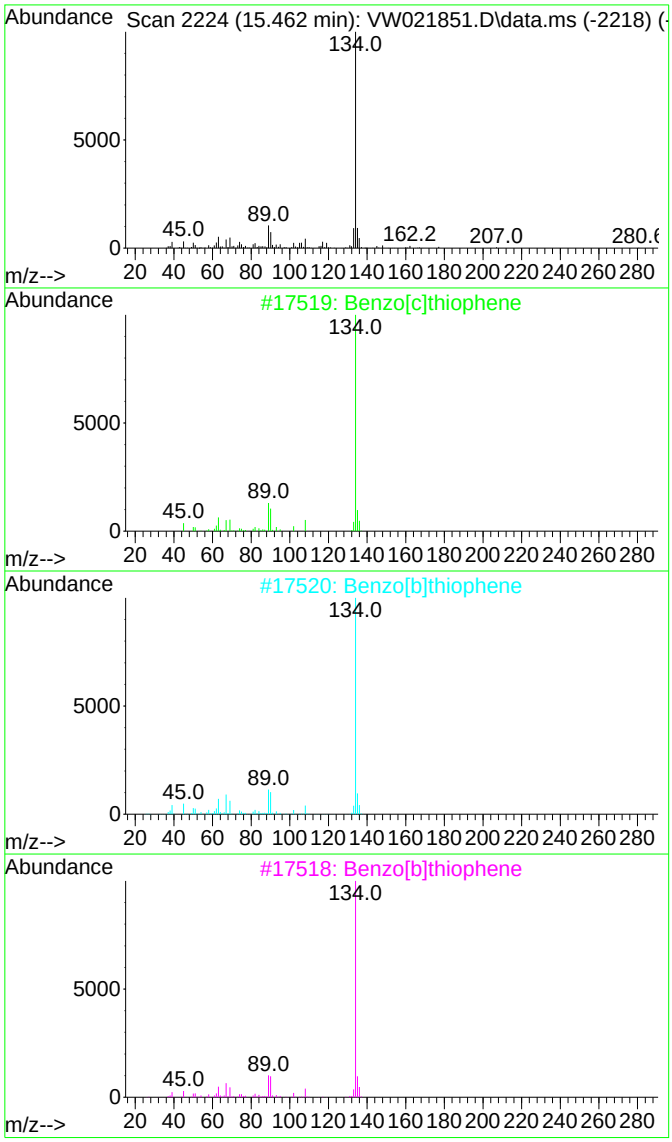
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

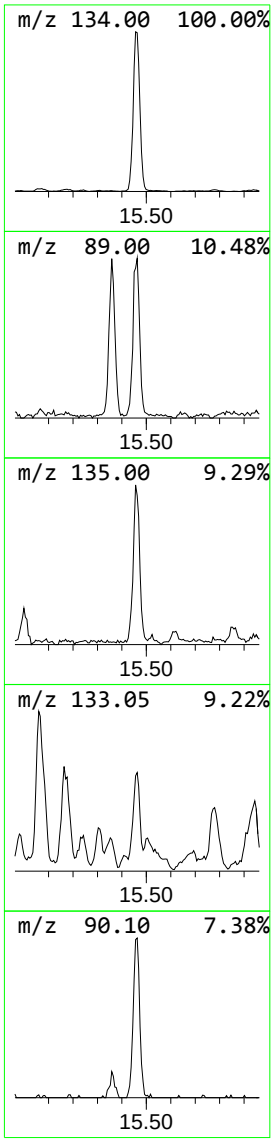
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	12.05 ug/L	288122	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5	6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7NO2S	1000300-90-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

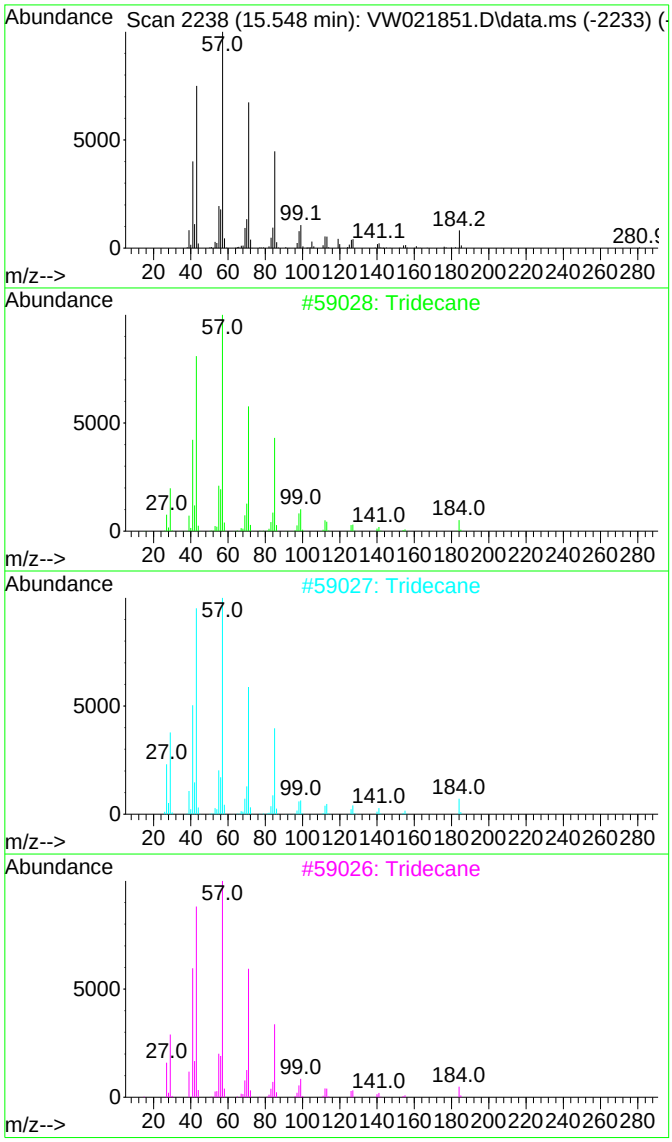
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

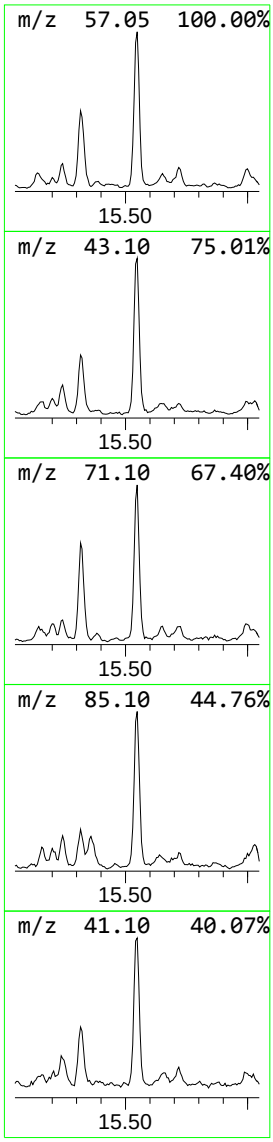
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	12.24 ug/L	292783	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	98
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	94
4	Tridecane	184	C13H28	000629-50-5	94
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

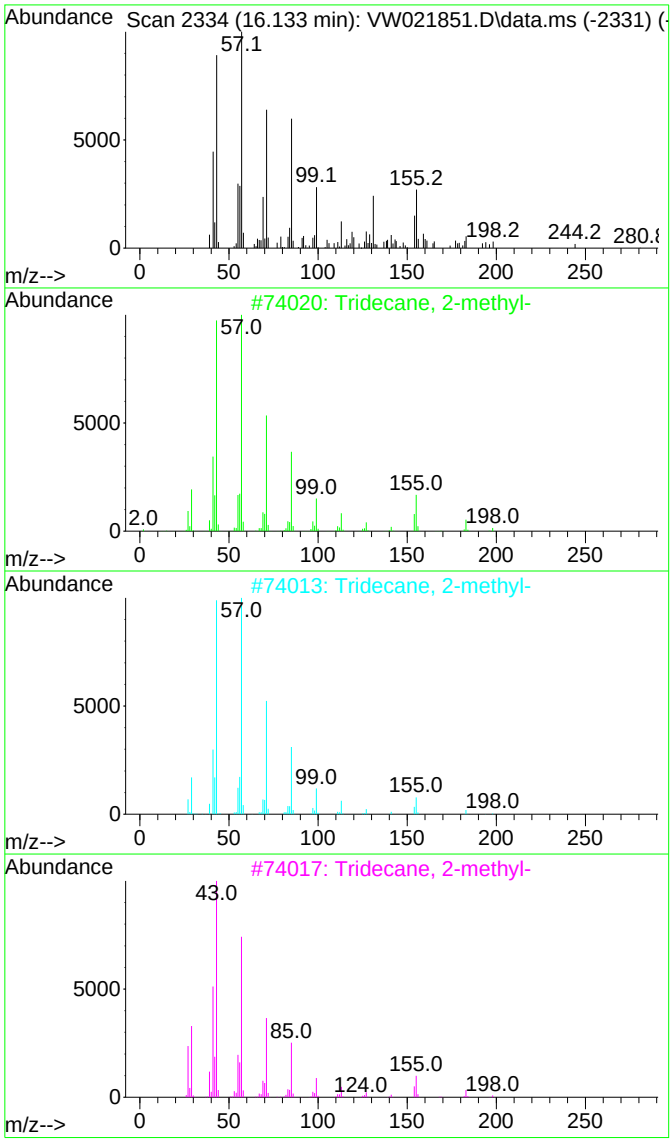
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

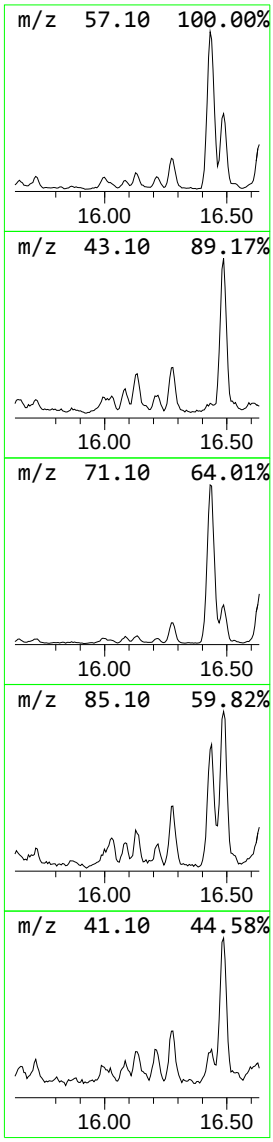
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	2.04 ug/L	48704	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Octadecane	254	C18H38	000593-45-3	53
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

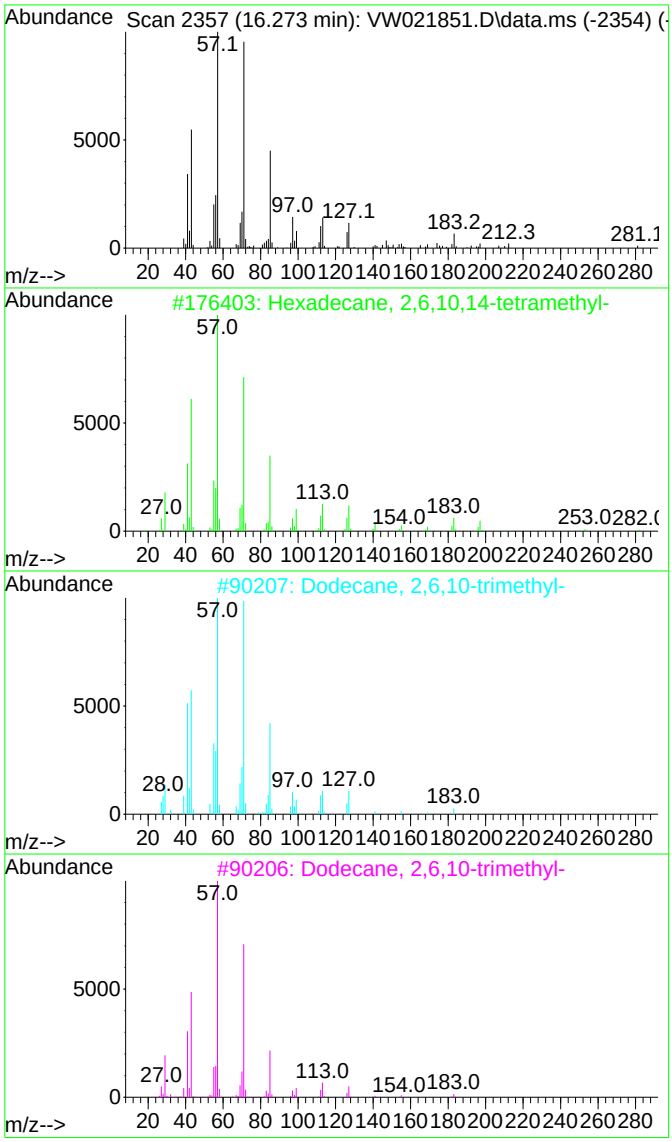
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

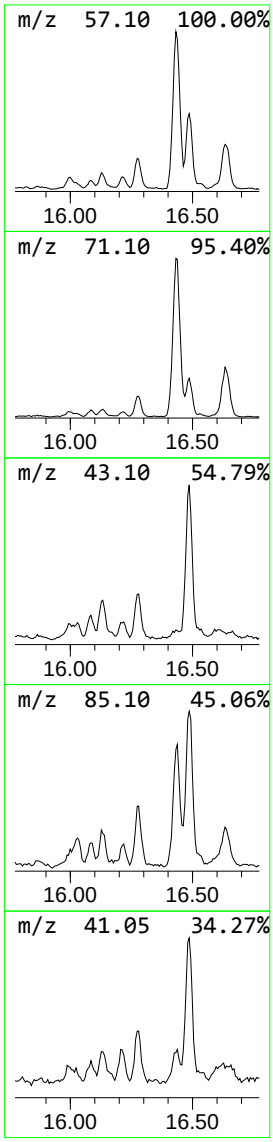
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	4.41 ug/L	105459	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

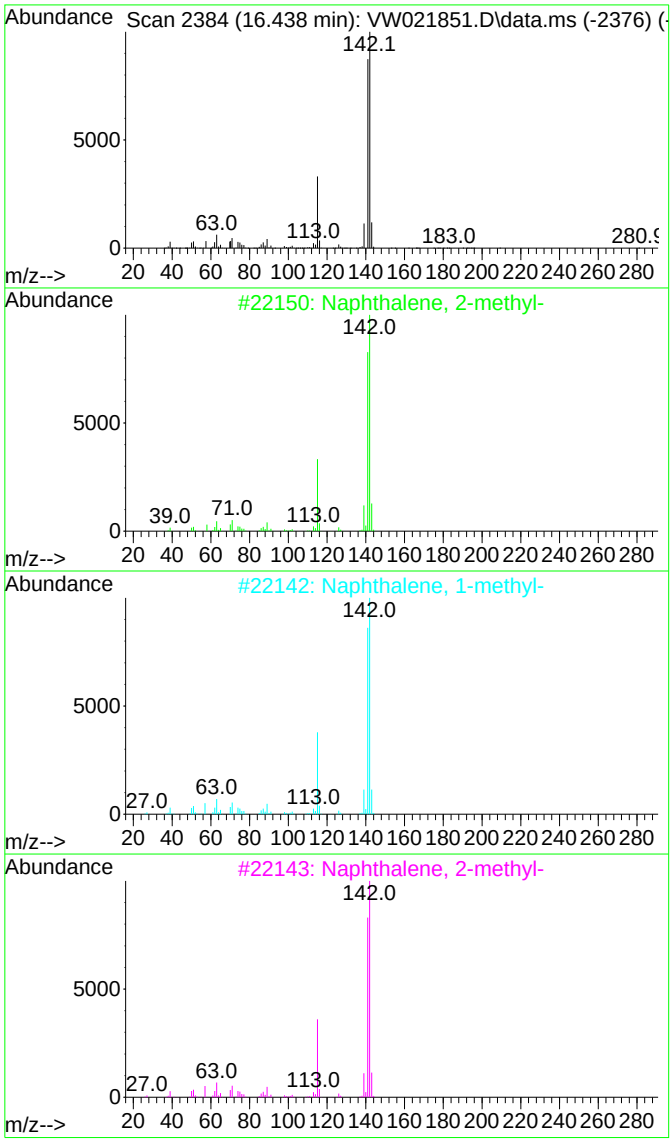
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

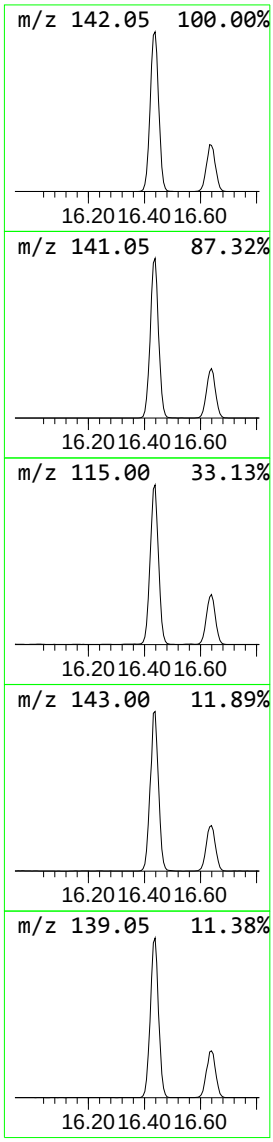
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	456.51 ug/L	10918800	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

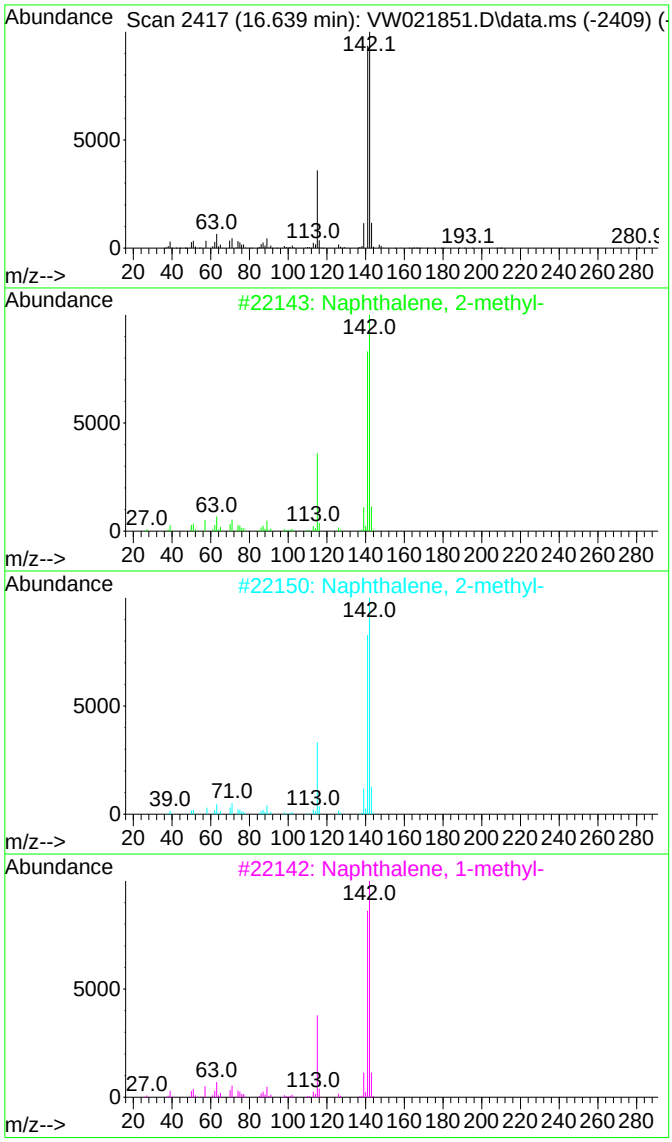
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

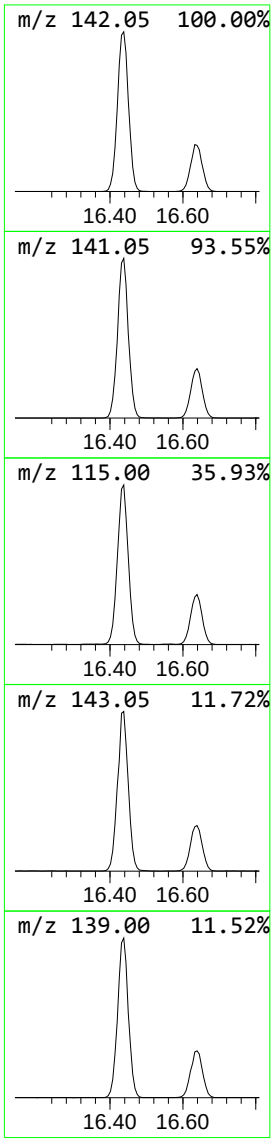
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	151.10 ug/L	3613930	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021851.D
Acq On : 11 Jan 2022 22:56
Operator : SY/VA
Sample : VIBLK583
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK583

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	12.249	1.7	ug/L	30522	2	11.634	451418	25.0
Pentalene, octa...	12.335	1.4	ug/L	25623	2	11.634	451418	25.0
Benzene, propyl-	12.804	5.2	ug/L	124568	3	13.554	597944	25.0
Benzene, 1-ethy...	12.865	18.9	ug/L	452353	3	13.554	597944	25.0
Benzene, 1-ethy...	13.103	11.1	ug/L	265131	3	13.554	597944	25.0
(DEL) Alkane: S...	13.164	5.7	ug/L	136291	3	13.554	597944	25.0
(DEL) Alkane: S...	13.341	1.3	ug/L	31593	3	13.554	597944	25.0
o-Cymene	13.444	3.7	ug/L	88363	3	13.554	597944	25.0
(DEL) Alkane: S...	13.481	5.1	ug/L	122695	3	13.554	597944	25.0
Indane	13.755	74.2	ug/L	1774130	3	13.554	597944	25.0
Benzene, 1-ethy...	14.011	3.1	ug/L	74048	3	13.554	597944	25.0
Benzene, 4-ethy...	14.091	7.1	ug/L	170009	3	13.554	597944	25.0
unknown-01	14.200	6.0	ug/L	143506	3	13.554	597944	25.0
unknown-02	14.341	3.4	ug/L	81121	3	13.554	597944	25.0
(DEL) Alkane: C...	14.383	5.4	ug/L	128863	3	13.554	597944	25.0
Benzene, 1,2,4,...	14.450	3.1	ug/L	74811	3	13.554	597944	25.0
Benzofuran, 2-m...	14.493	9.1	ug/L	217089	3	13.554	597944	25.0
(3-Methylphenyl...	14.633	1.7	ug/L	41074	3	13.554	597944	25.0
3-Phenylbut-1-ene	14.688	2.5	ug/L	59275	3	13.554	597944	25.0
(DEL) Alkane: S...	14.719	8.3	ug/L	198861	3	13.554	597944	25.0
Benzene, 1-meth...	14.786	12.1	ug/L	288763	3	13.554	597944	25.0
Naphthalene, 1,...	14.950	2.6	ug/L	61208	3	13.554	597944	25.0
Benzene, 1,3-di...	15.060	2.1	ug/L	50615	3	13.554	597944	25.0
(DEL) Alkane: S...	15.243	3.0	ug/L	72157	3	13.554	597944	25.0
(DEL) Alkane: S...	15.316	4.2	ug/L	100799	3	13.554	597944	25.0
Azulene	15.359	111.7	ug/L	2671100	3	13.554	597944	25.0
Benzo[c]thiophene	15.462	12.1	ug/L	288122	3	13.554	597944	25.0
(DEL) Alkane: S...	15.548	12.2	ug/L	292783	3	13.554	597944	25.0
(DEL) Alkane: S...	16.133	2.0	ug/L	48704	3	13.554	597944	25.0
(DEL) Alkane: S...	16.273	4.4	ug/L	105459	3	13.554	597944	25.0
Naphthalene, 2-...	16.438	456.5	ug/L	10918800	3	13.554	597944	25.0
Naphthalene, 1-...	16.639	151.1	ug/L	3613930	3	13.554	597944	25.0