LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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: VW021935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.964	480	502	517	rBV	77906	331794	0.73%	0.098%
2	5.440	564	580	598	rBV	76009	269222	0.59%	0.080%
3	5.946	649	663	676	rVV	159524	480873	1.06%	0.142%
4	6.988	824	834	843	rVV	145556	444036	0.98%	0.131%
5	7.647	931	942	949	rBV	59640	170745	0.38%	0.051%
6	7.939	979	990	1000	rBV4	107648	437765	0.96%	0.130%
7	8.159	1016	1026	1033	rBV	162672	374646	0.82%	0.111%
8	8.324	1038	1053	1063	rVB	1859325	4327125	9.52%	1.281%
9	8.482	1075	1079	1089	rVB3	42709	136216	0.30%	0.040%
10	8.695	1104	1114	1125	rBV	209535	425947	0.94%	0.126%
11	8.842	1129	1138	1144	rBV	105050	225010	0.50%	0.067%
12	9.073	1168	1176	1186	rBV3	94773	243012	0.53%	0.072%
13	9.336	1212	1219	1224	rVV3	207702	492866	1.08%	0.146%
14	9.896	1305	1311	1316	rBV2	99598	169919	0.37%	0.050%
15	9.957	1316	1321	1325	rBV	128006	239655	0.53%	0.071%
16	10.098	1337	1344	1356	rVB	157797	378141	0.83%	0.112%
17	10.250	1364	1369	1375	rVB	193920	343479	0.76%	0.102%
18	10.323	1375	1381	1385	rBV	211191	391468	0.86%	0.116%
19	10.390	1385	1392	1404	rVB	2298440	4144900	9.12%	1.227%
20	10.506	1404	1411	1418	rVB	282945	522757	1.15%	0.155%
21	10.762	1444	1453	1458	rBV4	81574	225248	0.50%	0.067%
22	10.854	1462	1468	1473	rVB2	130413	262636	0.58%	0.078%
23	10.933	1473	1481	1486	rBV3	153503	365797	0.81%	0.108%
24	11.000	1486	1492	1494	rBV2	99559	178784	0.39%	0.053%
25	11.030	1494	1497	1501	rVV3	144609	239593	0.53%	0.071%
26	11.110	1507	1510	1513	rBV3	95565	150041	0.33%	0.044%
27	11.183	1518	1522	1526	rVV3	214000	419614	0.92%	0.124%
28	11.225	1526	1529	1533	rVV3	187948	351960	0.77%	0.104%
29	11.274	1533	1537	1543	rVV4	191664	450401	0.99%	0.133%
30	11.335	1543	1547	1551	rVV	242547	428487	0.94%	0.127%
31	11.408	1551	1559	1570	rVB3	662140	1935804	4.26%	0.573%
32	11.512	1570	1576	1582	rBV2	611043	1083008	2.38%	0.321%
33	11.634	1587	1596	1601	rBV4	158436	448351	0.99%	0.133%
34	11.731	1603	1612	1621	rVB	7340936	11249869	24.76%	3.329%
35	11.841	1621	1630	1640	rBV	27353216	45433678	100.00%	13.446%
36	11.920	1640	1643	1647	rVB3	235900	340222	0.75%	0.101%

LSC Area Percent Report

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Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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	12.061	1660	1666	1671	rBV2	345146	615861	1.36%	0.182%
38	12.164	1671	1683	1690	rBV	10048418	16922506	37.25%	5.008%
39	12.250	1691	1697	1702	rVB	949167	1650943	3.63%	0.489%
40	12.335	1702	1711	1713	rBV6	624632	1573992	3.46%	0.466%
41	12.365	1713	1716	1723	rVV2	655449	1654539	3.64%	0.490%
42	12.463	1727	1732	1736	rVV2	1195920	2328743	5.13%	0.689%
43	12.512	1736	1740	1742	rVV3	761211	1528317	3.36%	0.452%
44	12.542	1742	1745	1747	rVV2	1183817	1862695	4.10%	0.551%
45	12.567	1747	1749	1759	rVV2	1491697	3488352	7.68%	1.032%
46	12.652	1759	1763	1767	rVV	1223498	1705874	3.75%	0.505%
47	12.701	1767	1771	1775	rVV6	345411	623128	1.37%	0.184%
48	12.798	1775	1787	1792	rVB2	1319129	3922209	8.63%	1.161%
49	12.865	1792	1798	1802	rBV	6746440	10925014	24.05%	3.233%
50	12.902	1802	1804	1805	rVV	2688394	2817011	6.20%	0.834%
51	12.932	1805	1809	1816	rVV2	21651744	33537430	73.82%	9.925%
52	12.993	1816	1819	1824	rVB3	677812	1039136	2.29%	0.308%
53	13.103	1829	1837	1843	rBV2	2776378	7099791	15.63%	2.101%
54	13.164	1843	1847	1854	rVV	2999018	4800701	10.57%	1.421%
55	13.249	1855	1861	1866	rVV	19049111	27342775	60.18%	8.092%
56	13.292	1866	1868	1873	rVB	948539	1160033	2.55%	0.343%
57	13.341	1873	1876	1880	rBV2	634709	1007106	2.22%	0.298%
58	13.378	1880	1882	1884	rVV2	234312	272798	0.60%	0.081%
59	13.408	1884	1887	1889	rVV	755518	1078307	2.37%	0.319%
60	13.445	1889	1893	1896	rVV4	1840814	3178907	7.00%	0.941%
61	13.481	1896	1899	1903	rVV3	2262902	3534791	7.78%	1.046%
62	13.518	1903	1905	1908	rVV	1207539	1475962	3.25%	0.437%
63	13.554	1908	1911	1913	rVV	1982930	2532382	5.57%	0.749%
64	13.585	1913	1916	1920	rVV	3792487	6005065	13.22%	1.777%
65	13.621	1920	1922	1929	rVB	2452263	3218339	7.08%	0.952%
66	13.713	1931	1937	1939	rBV4	546714	1046157	2.30%	0.310%
67	13.755	1939	1944	1947	rVV3	2881368	4770493	10.50%	1.412%
68	13.786	1947	1949	1958	rVB3	2036089	3583688	7.89%	1.061%
69	13.871	1958	1963	1968	rBV	21897341	28298163	62.28%	8.375%
70	13.938	1968	1974	1978	rVV3	2151007	3636424	8.00%	1.076%
71	14.091	1995	1999	2003	rVB	1693441	2330603	5.13%	0.690%
72	14.201	2012	2017	2022	rBV3	1308845	2208424	4.86%	0.654%
73	14.255	2022	2026	2033	rVV6	664773	1369485	3.01%	0.405%
74	14.341	2033	2040	2044	rVV3	1036274	2401687	5.29%	0.711%
75	14.390	2044	2048	2050	rVV3	1957356	3181365	7.00%	0.941%
76	14.420	2050	2053	2056	rVV2	1851128	2920594	6.43%	0.864%

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Sample : N1155-01
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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	14.457	2056	2059	2062	rVV	1150502	1600862	3.52%	0.474%
78	14.493	2062	2065	2069	rVV2	1294053	1846120	4.06%	0.546%
79	14.542	2069	2073	2079	rVB4	671409	1276150	2.81%	0.378%
80	14.639	2085	2089	2093	rVB2	315725	430546	0.95%	0.127%
81	14.719	2098	2102	2108	rVB2	5073696	6760066	14.88%	2.001%
82	14.792	2108	2114	2118	rBV3	1362493	3070047	6.76%	0.909%
83	14.835	2118	2121	2129	rVB2	1076068	2211262	4.87%	0.654%
84	14.956	2137	2141	2146	rVB3	303413	517847	1.14%	0.153%
85	15.005	2146	2149	2153	rBV5	116404	203135	0.45%	0.060%
86	15.060	2154	2158	2164	rBV4	422607	739572	1.63%	0.219%
87	15.243	2184	2188	2195	rVB5	535895	1246382	2.74%	0.369%
88	15.316	2195	2200	2203	rBV	1018557	1815696	4.00%	0.537%
89	15.365	2203	2208	2218	rVB	10762590	18001943	39.62%	5.328%
90	15.462	2220	2224	2228	rBV2	197690	309945	0.68%	0.092%
91	15.548	2233	2238	2247	rVB	2445520	3926108	8.64%	1.162%
92	15.651	2247	2255	2261	rBV5	369605	1057181	2.33%	0.313%
93	15.725	2263	2267	2273	rVB5	258044	475337	1.05%	0.141%
94	15.859	2286	2289	2294	rVB3	182155	271281	0.60%	0.080%
95	16.133	2330	2334	2336	rBV2	170964	277451	0.61%	0.082%
96	16.212	2344	2347	2352	rVB2	213533	328508	0.72%	0.097%
97	16.279	2353	2358	2365	rVB	311872	605599	1.33%	0.179%
98	16.432	2377	2383	2388	rBV	1707654	3573950	7.87%	1.058%
99	16.487	2388	2392	2404	rVB	1263505	2246221	4.94%	0.665%
100	16.639	2409	2417	2429	rVB	879737	2349814	5.17%	0.695%

Sum of corrected areas: 337903882

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Instrument :
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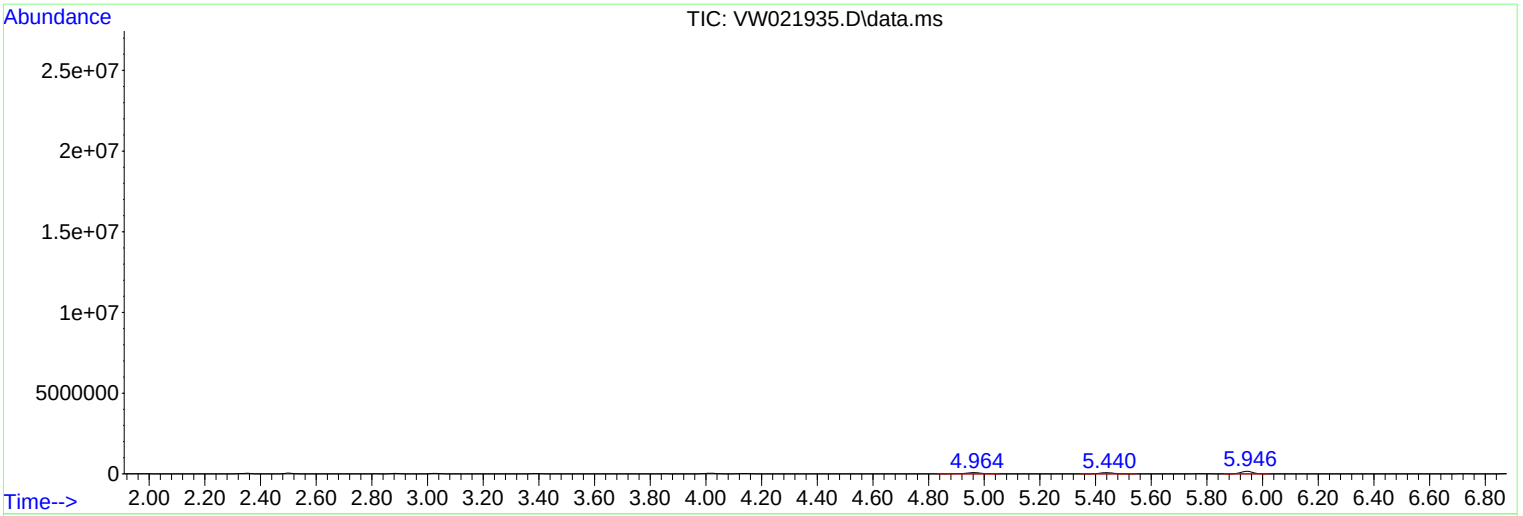
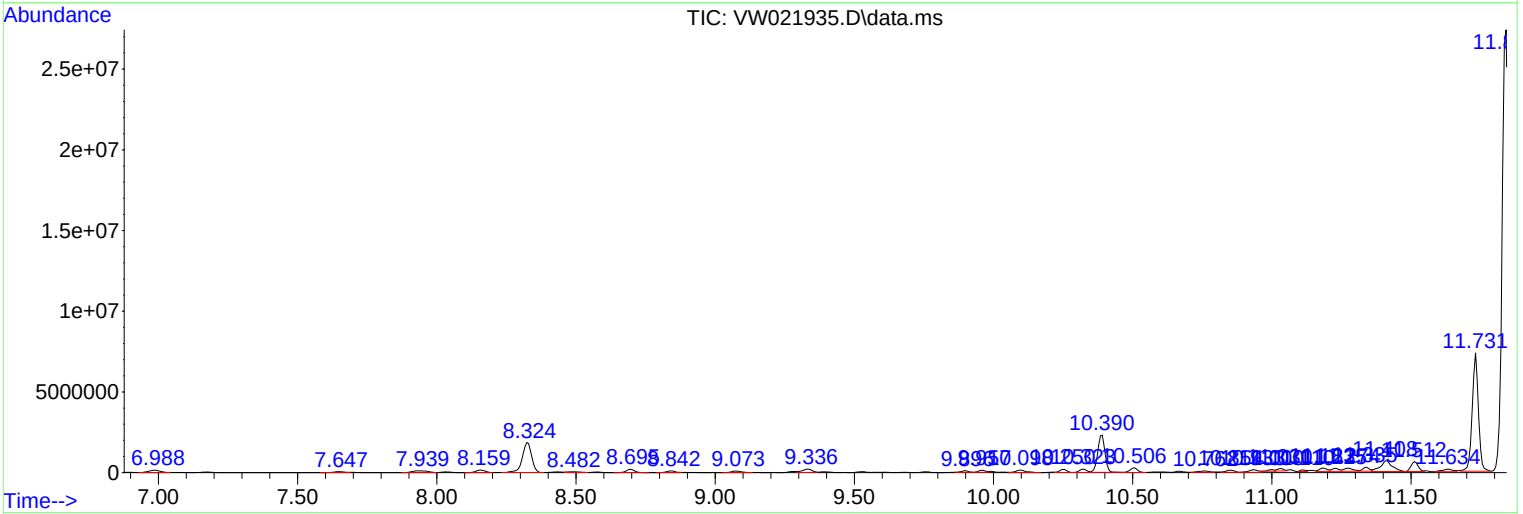
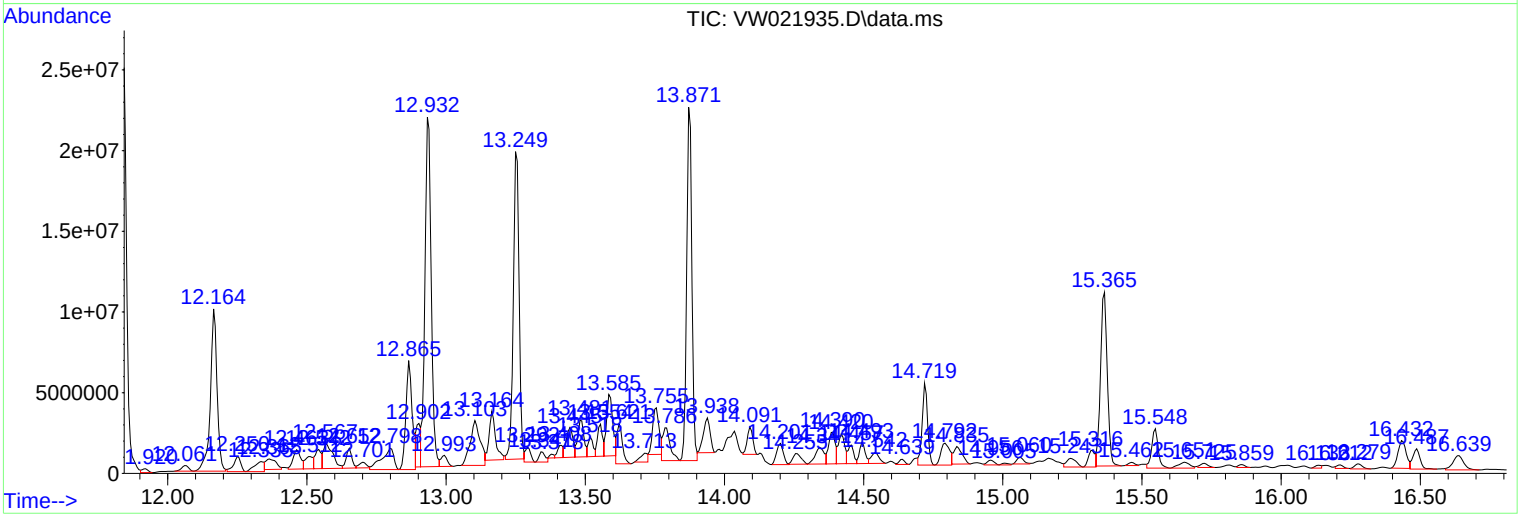
ClientSampleId :
BGLT4

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\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

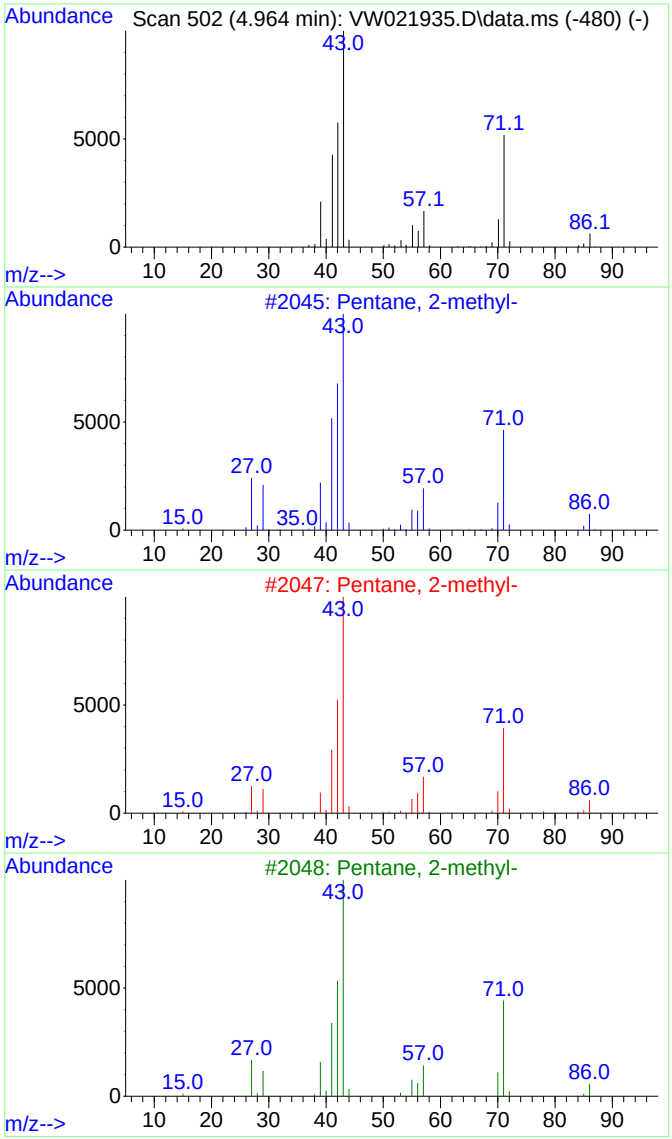
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

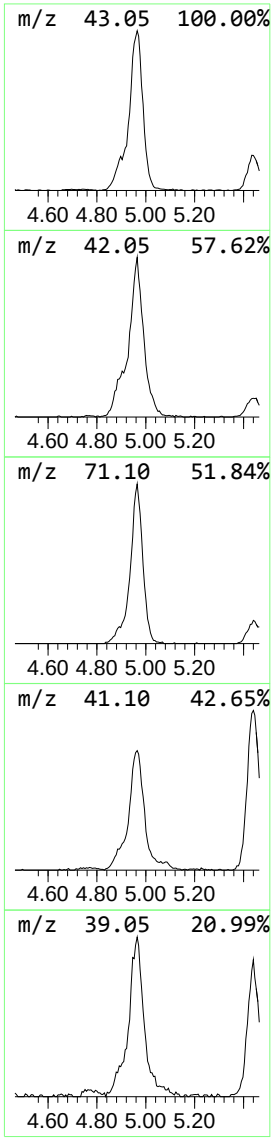
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	36.86 ug/L	331794	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	94
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91





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Data File : VW021935.D
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Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

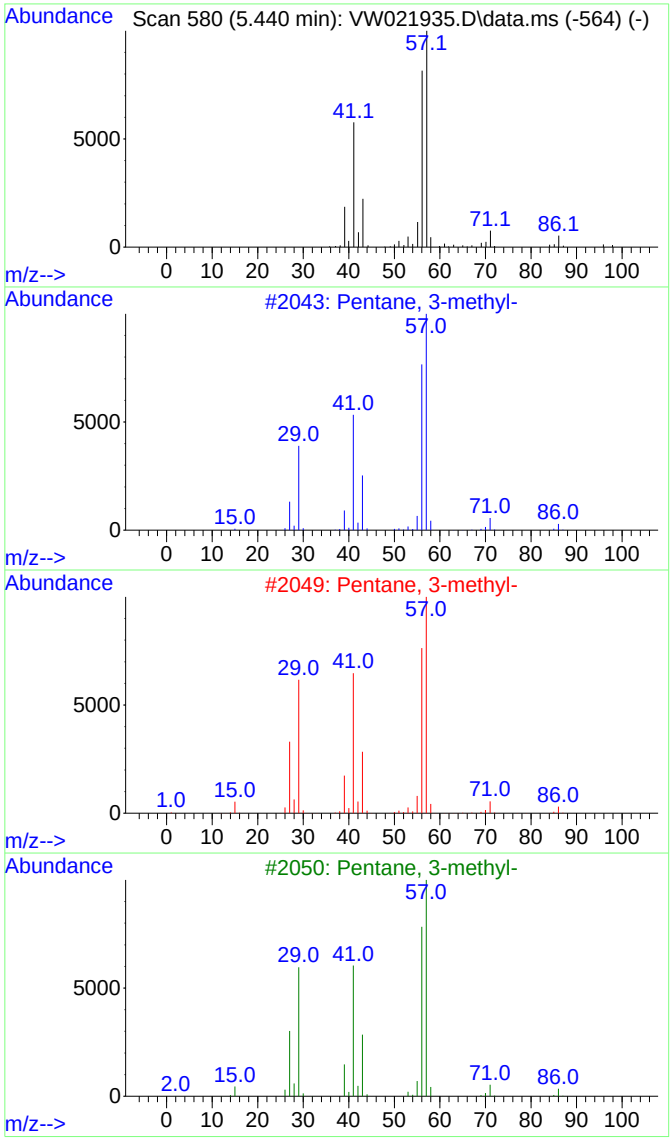
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

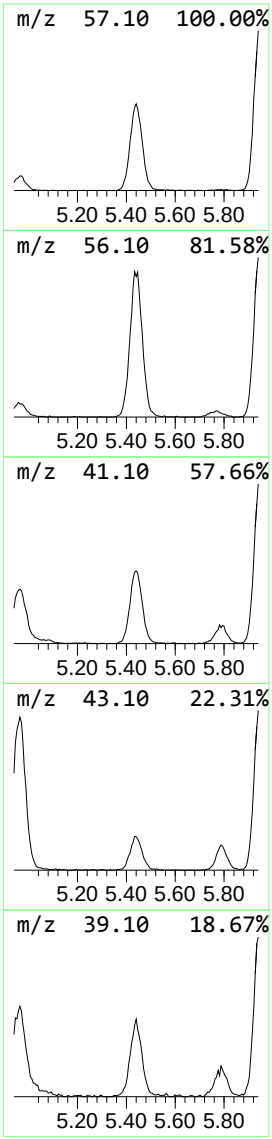
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	29.91 ug/L	269222	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

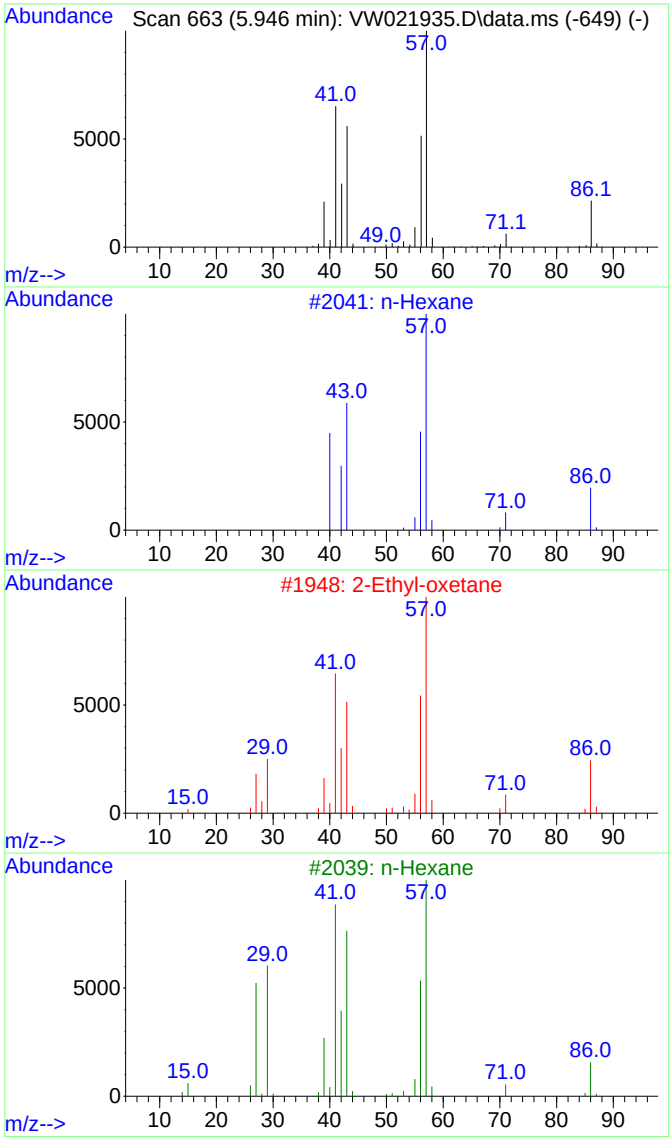
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

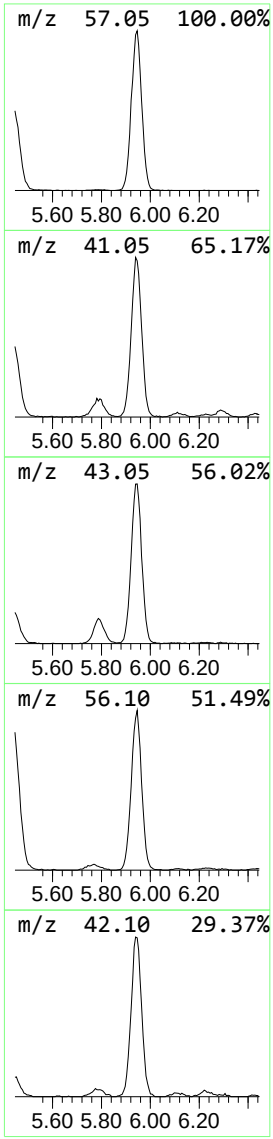
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	53.43 ug/L	480873	1,4-Difluorobenzene	8.842

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

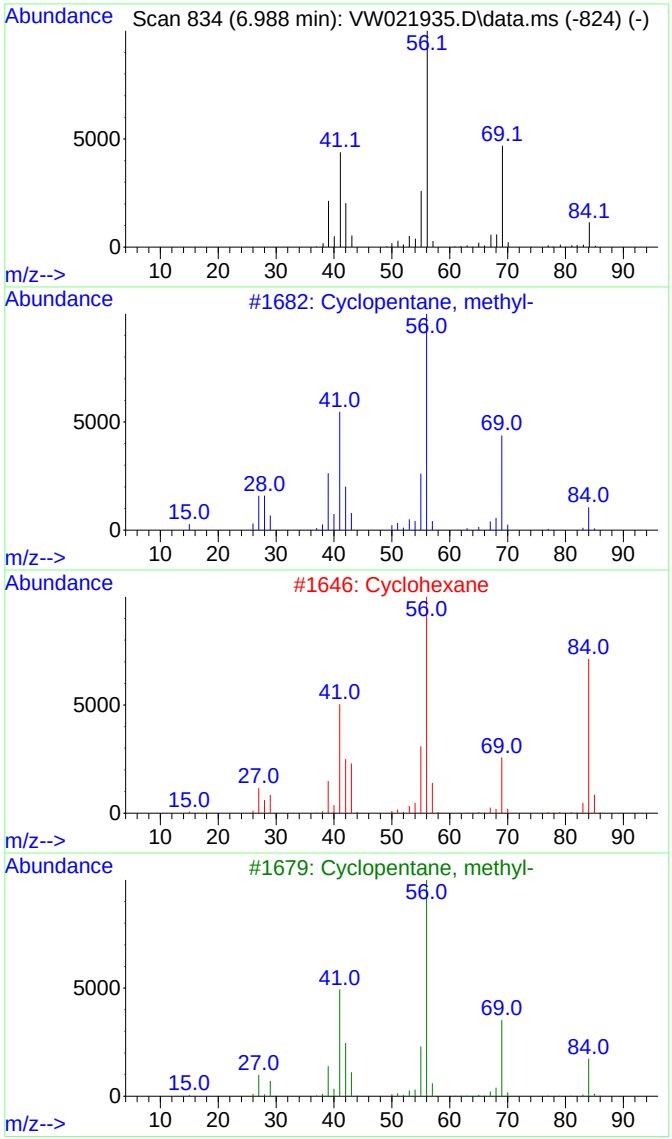
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

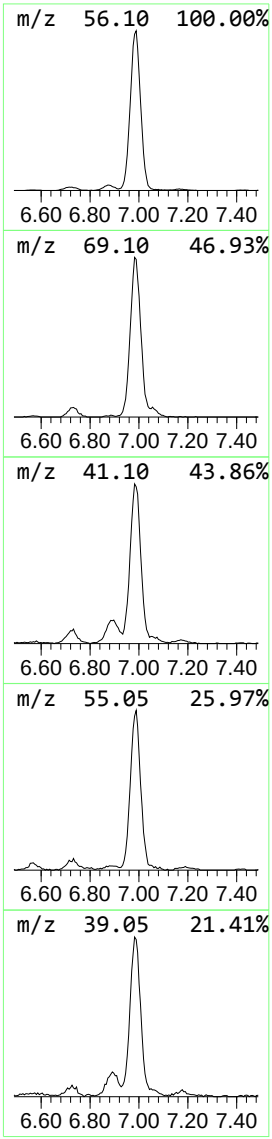
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic6.988 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	49.34 ug/L	444036	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

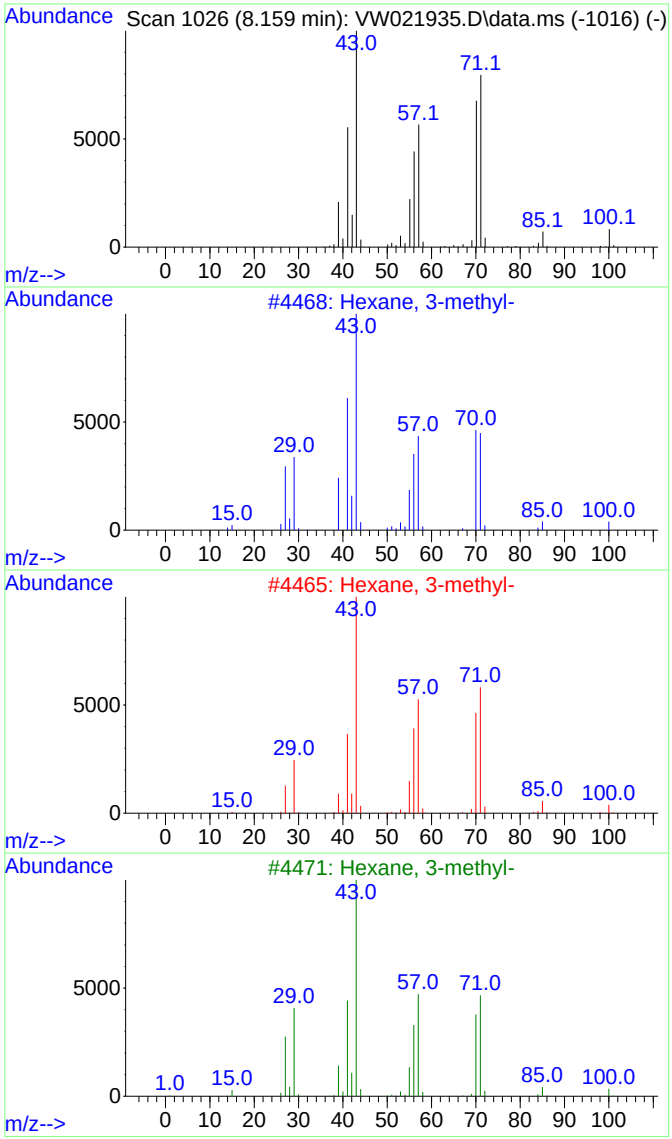
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

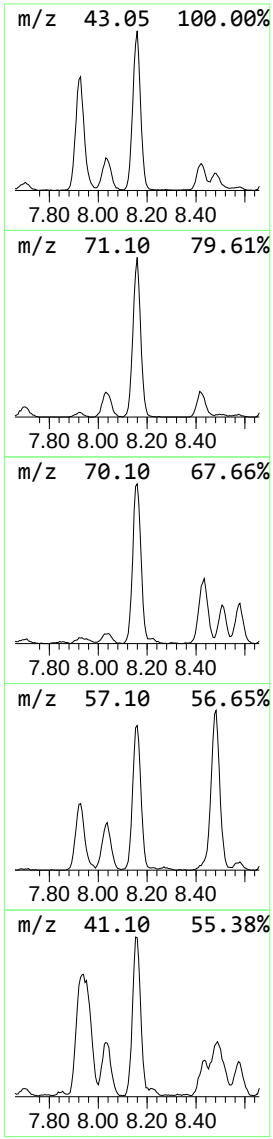
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	41.63 ug/L	374646	1,4-Difluorobenzene	8.842

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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

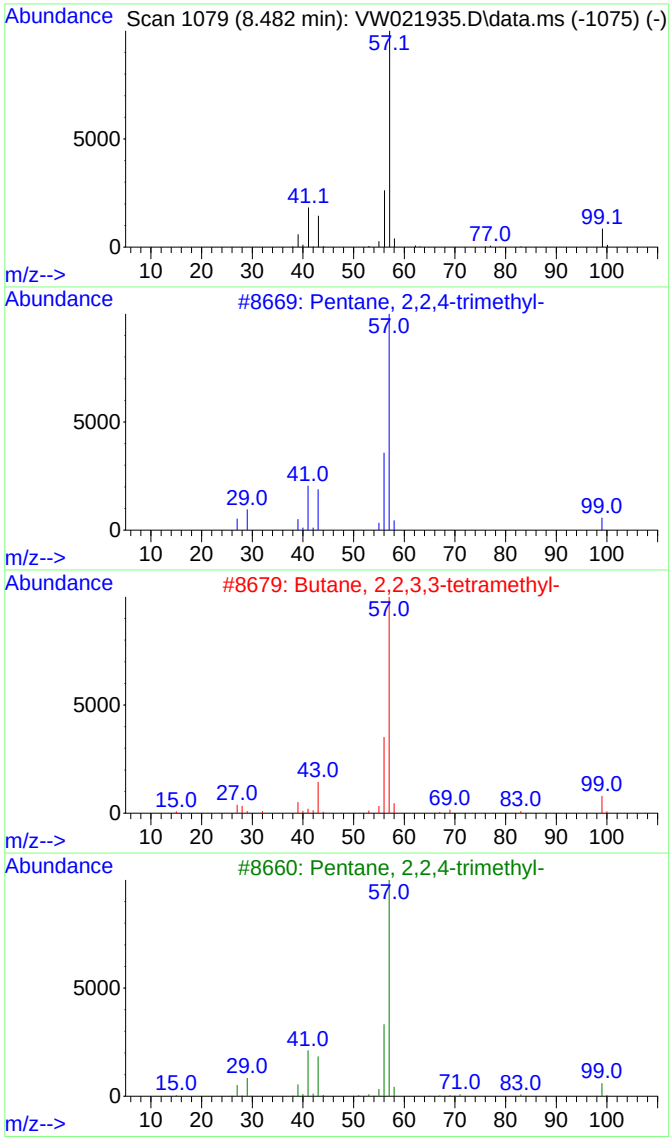
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

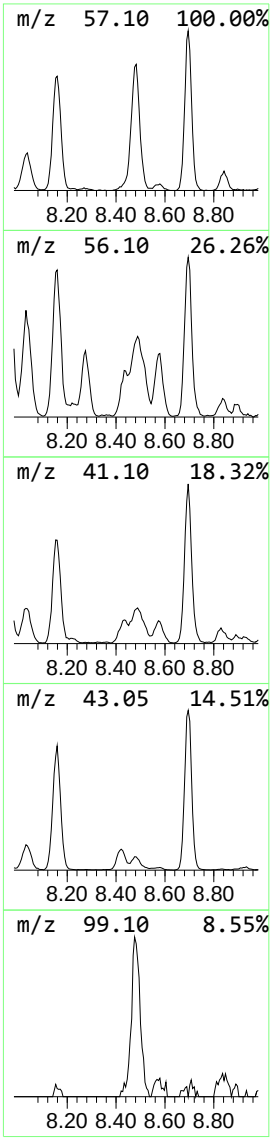
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	15.13 ug/L	136216	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50





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Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

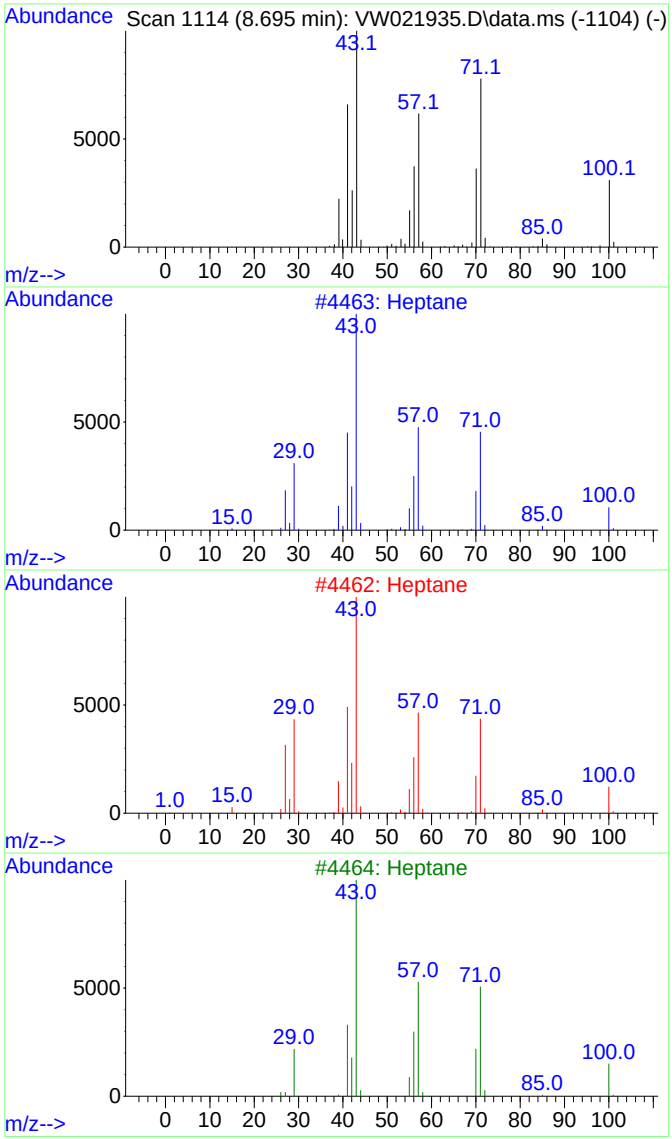
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

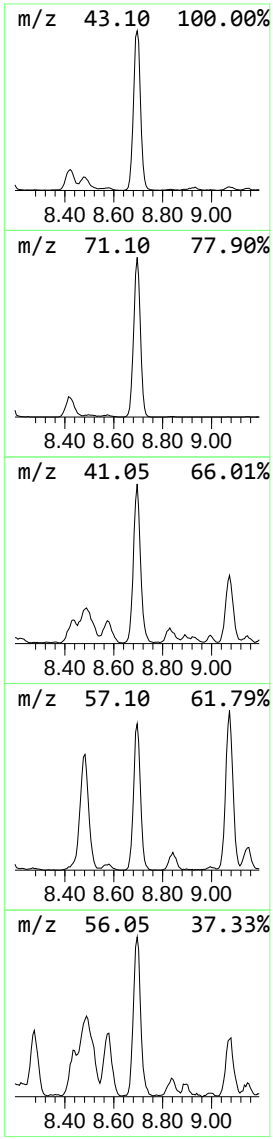
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	47.33 ug/L	425947	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
5	Heptane	100	C7H16	000142-82-5	53





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Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

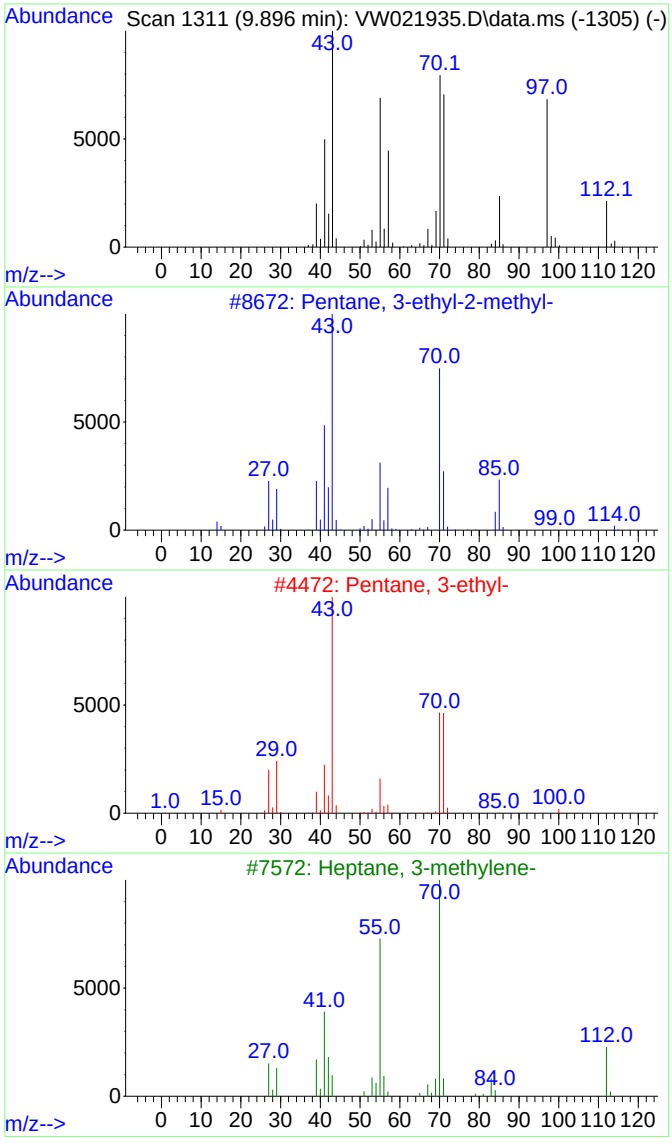
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

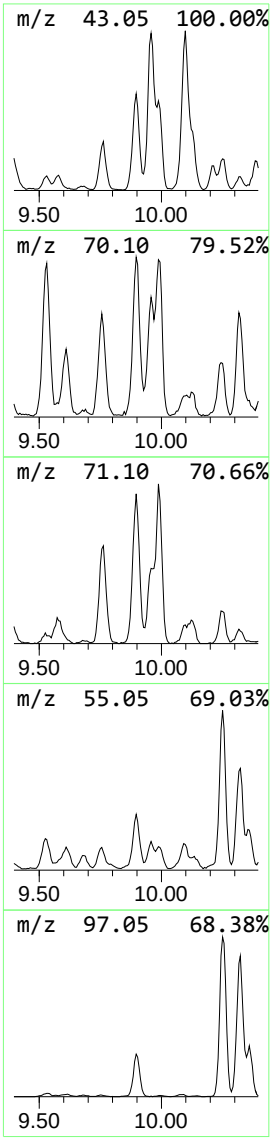
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	18.88 ug/L	169919	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	46
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	46
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	38
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	30
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

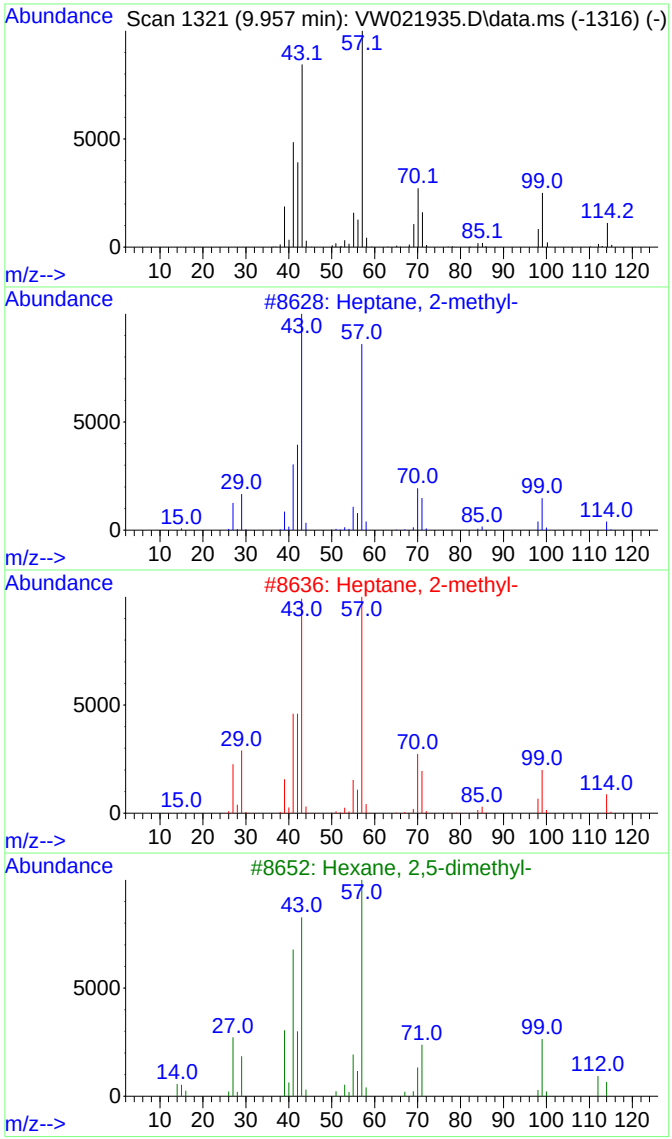
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

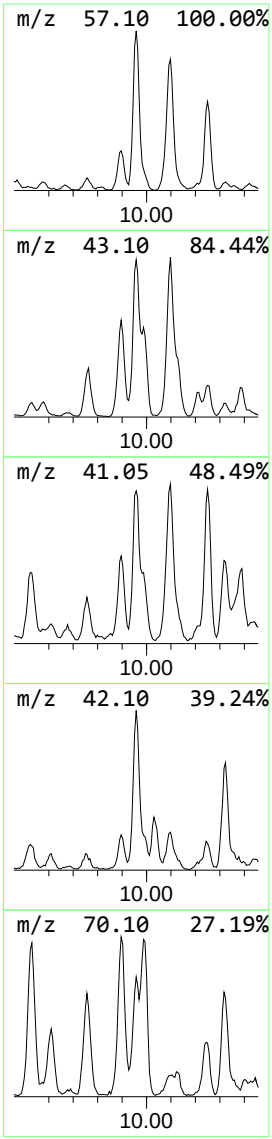
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	26.63 ug/L	239655	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
4	2-Piperidinone	99	C5H9NO	000675-20-7	58
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





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Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

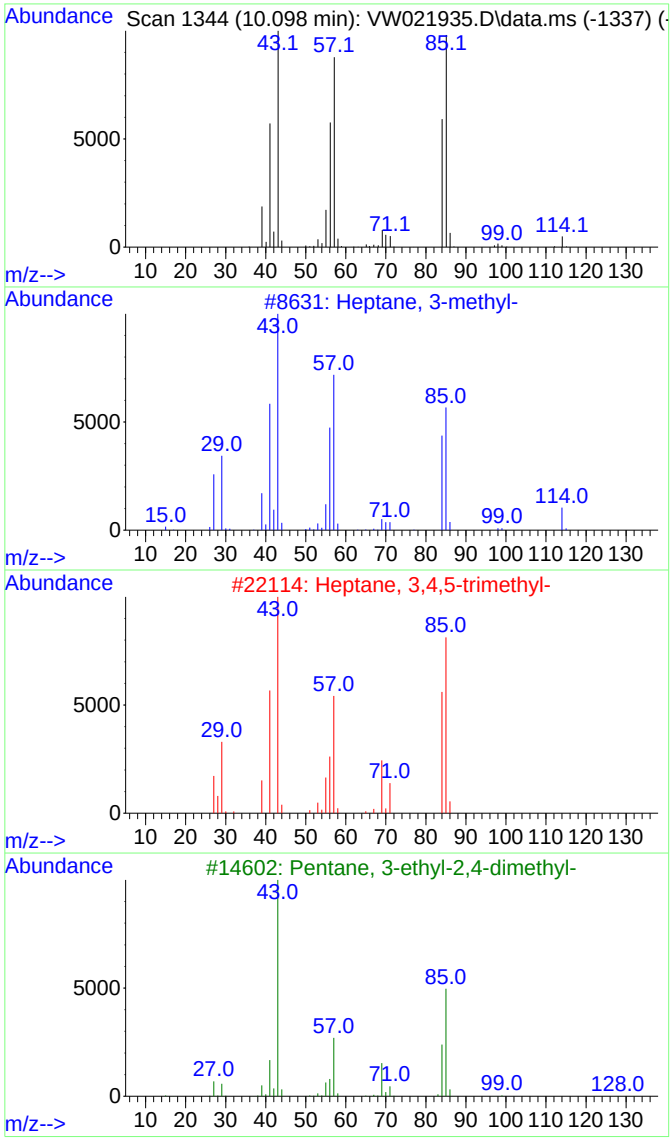
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

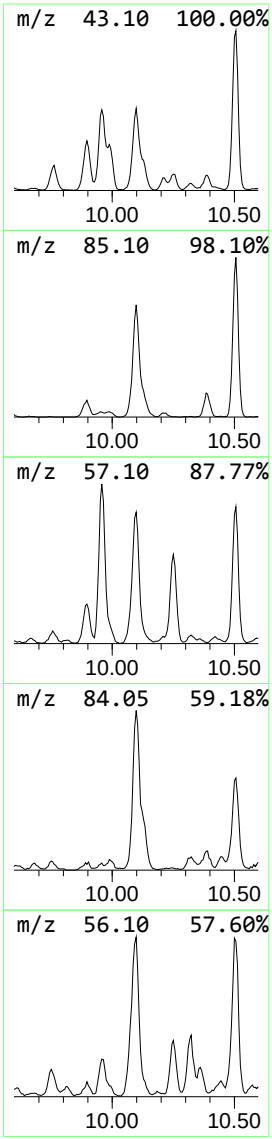
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	42.01 ug/L	378141	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

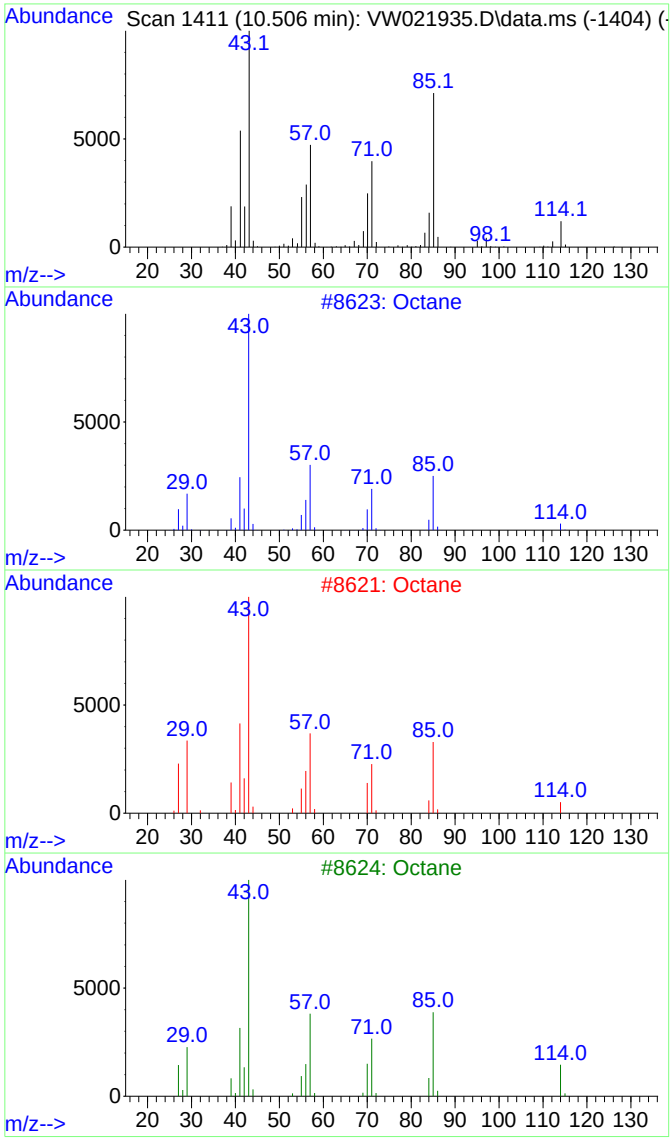
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

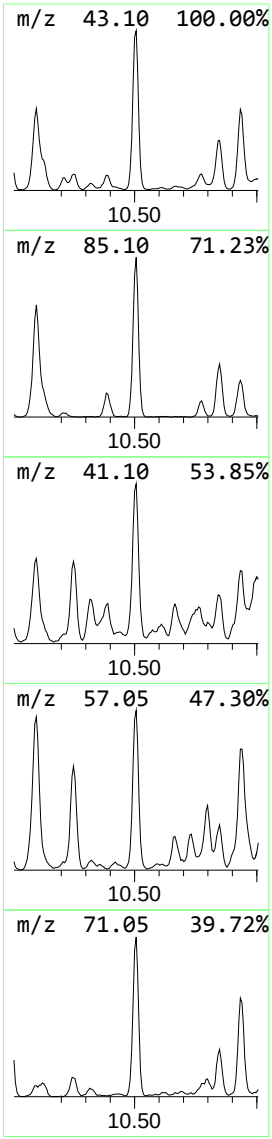
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	29.15 ug/L	522757	Chlorobenzene-d5	11.634

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

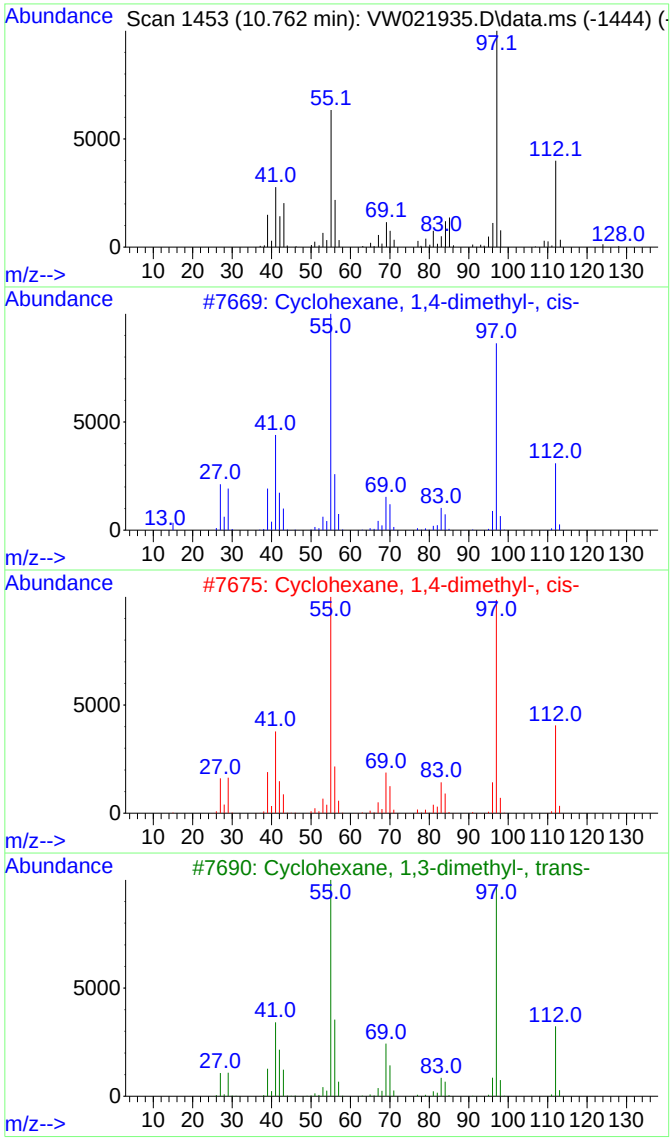
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

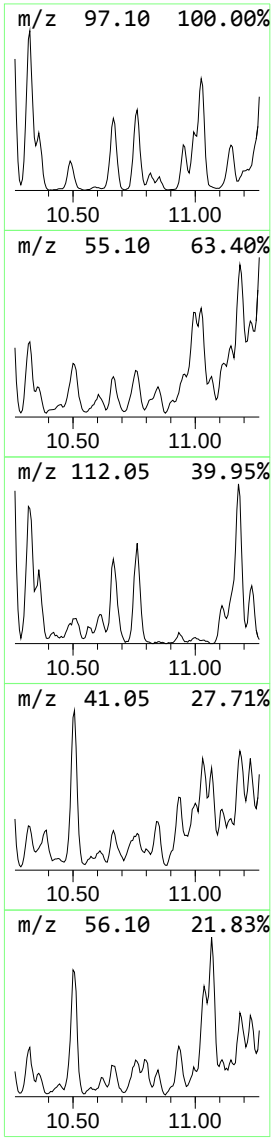
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic10.762 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	12.56 ug/L	225248	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	74
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

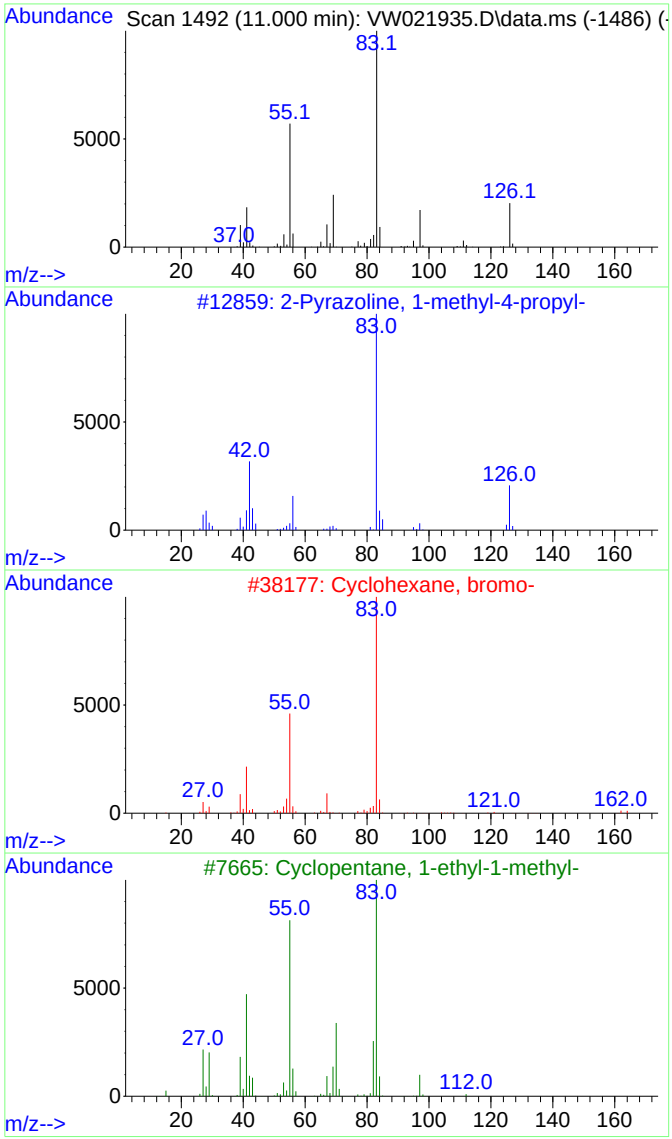
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

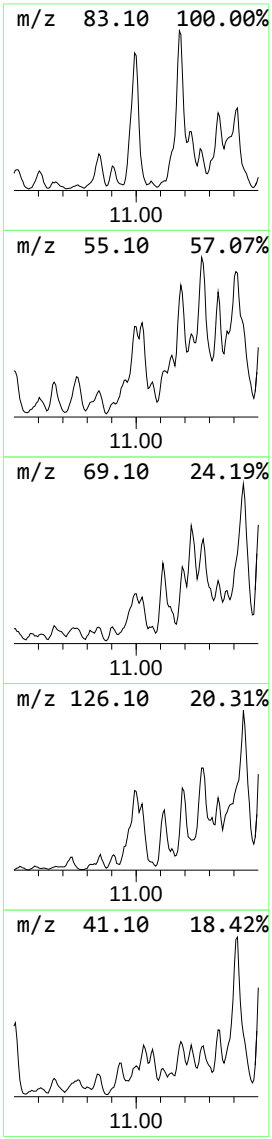
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Pyrazoline, 1-methyl-4-pr... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.000	9.97 ug/L	178784	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	59
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	59
4	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	59
5	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	59





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Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

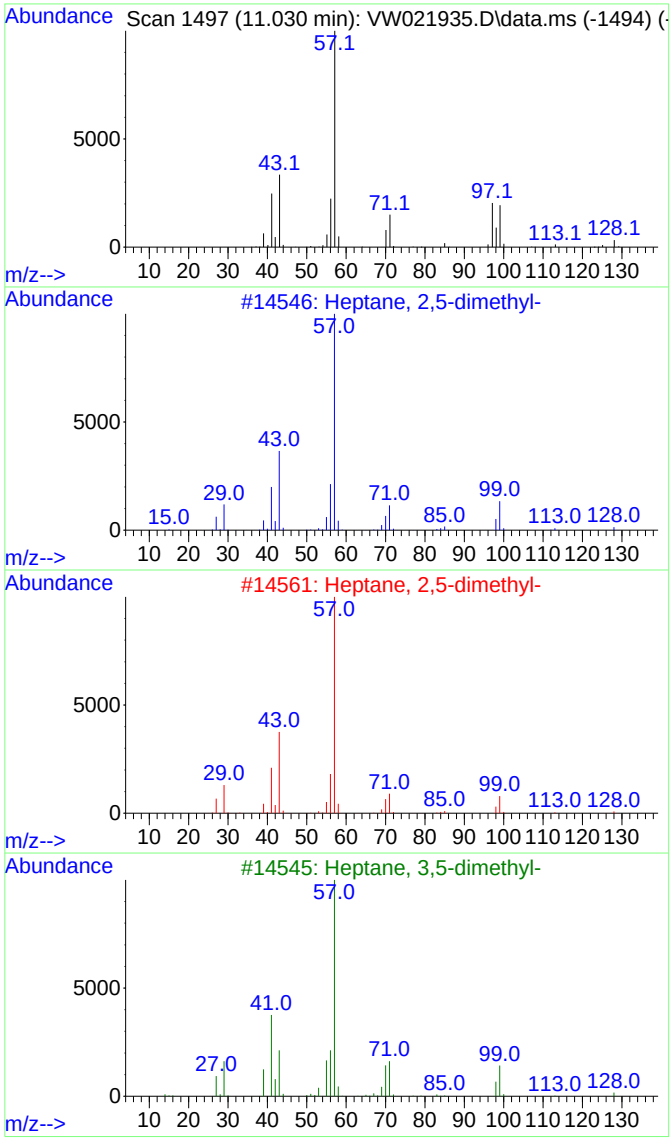
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

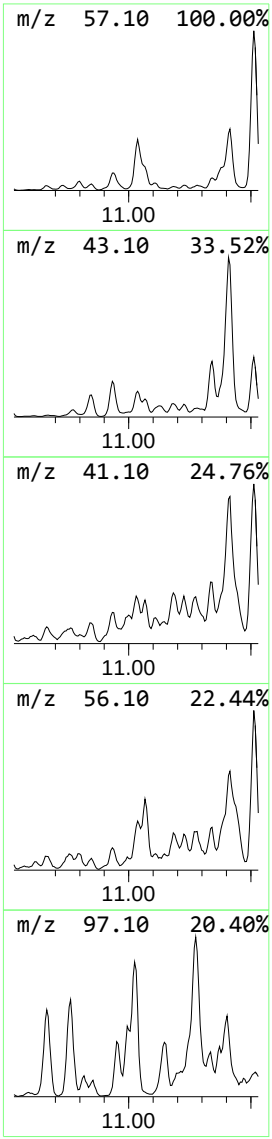
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	13.36 ug/L	239593	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	50





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Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

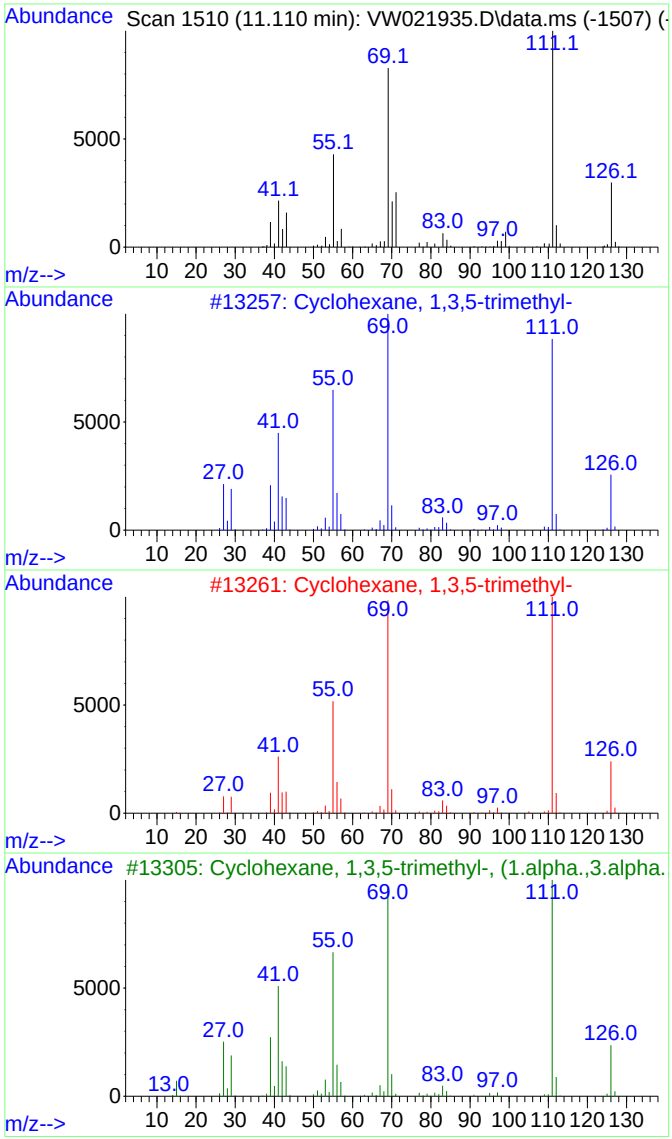
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

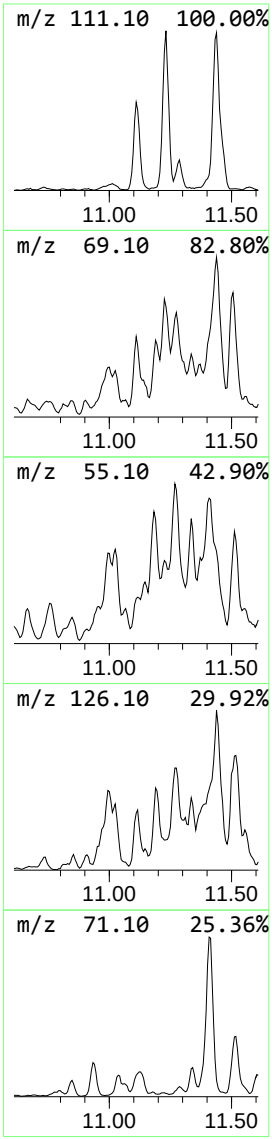
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic11.110 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	8.37 ug/L	150041	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	74
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

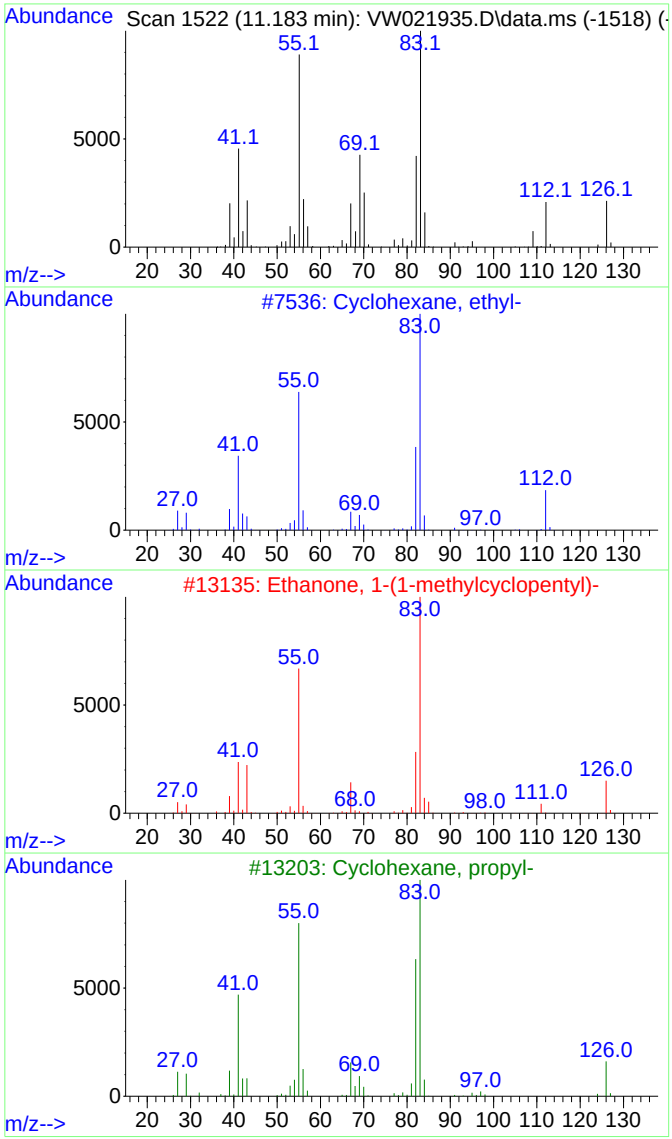
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

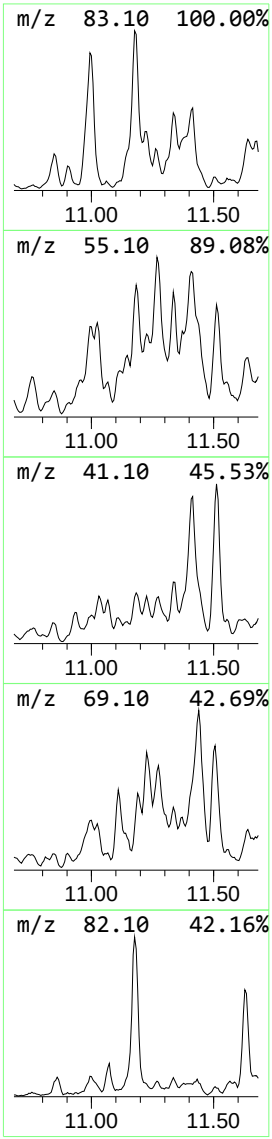
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.183 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	23.40 ug/L	419614	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	53
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	49
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

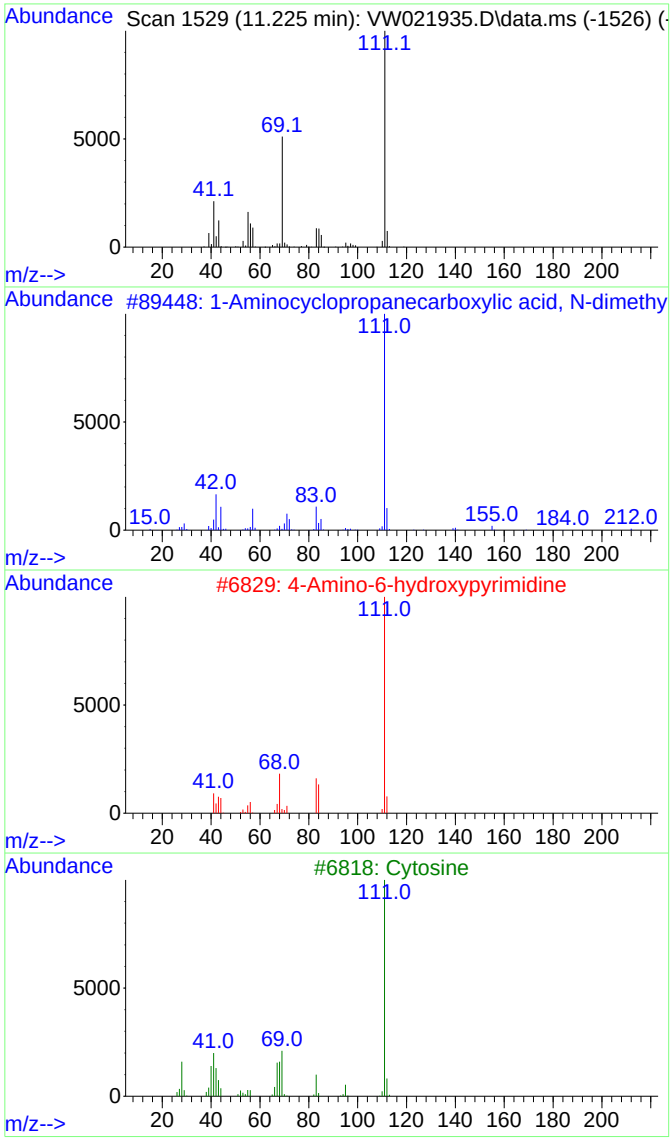
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

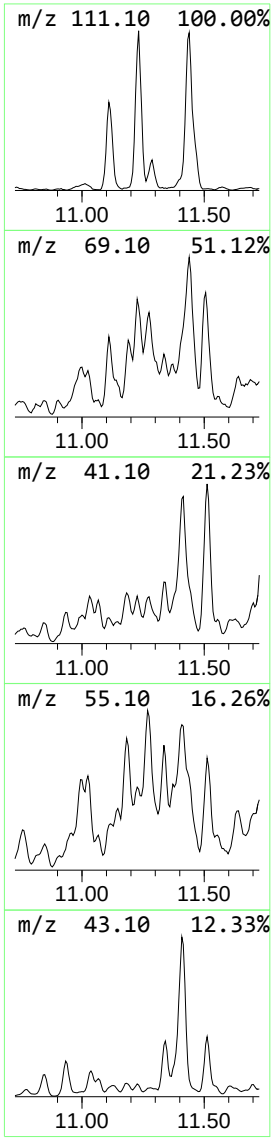
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Aminocyclopropanecarboxyl... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.226	19.63 ug/L	351960	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aminocyclopropanecarboxylic ac...	212	C11H20N2O2	1000375-50-9	59
2	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
3	Cytosine	111	C4H5N3O	000071-30-7	45
4	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	40
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

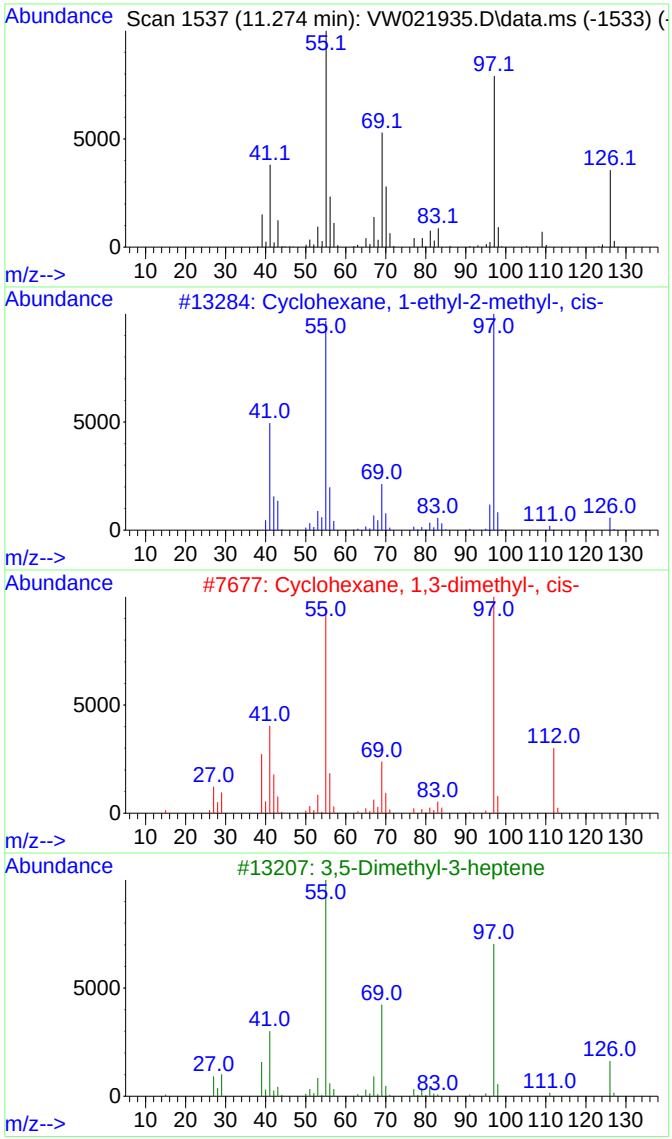
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

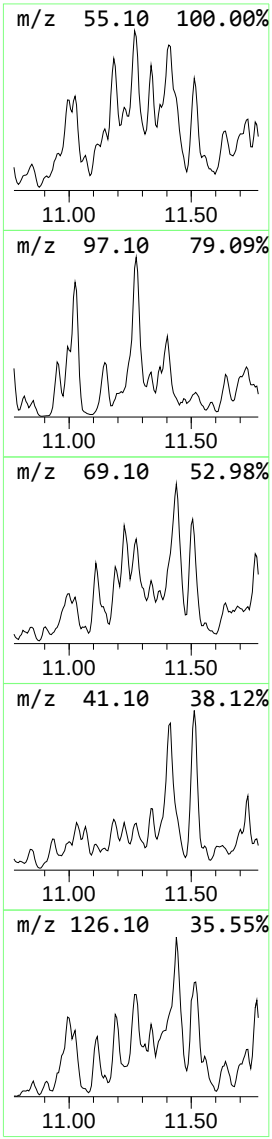
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.274 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	25.11 ug/L	450401	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
4	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	53
5	4-Octen-3-one	126	C8H14O	014129-48-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

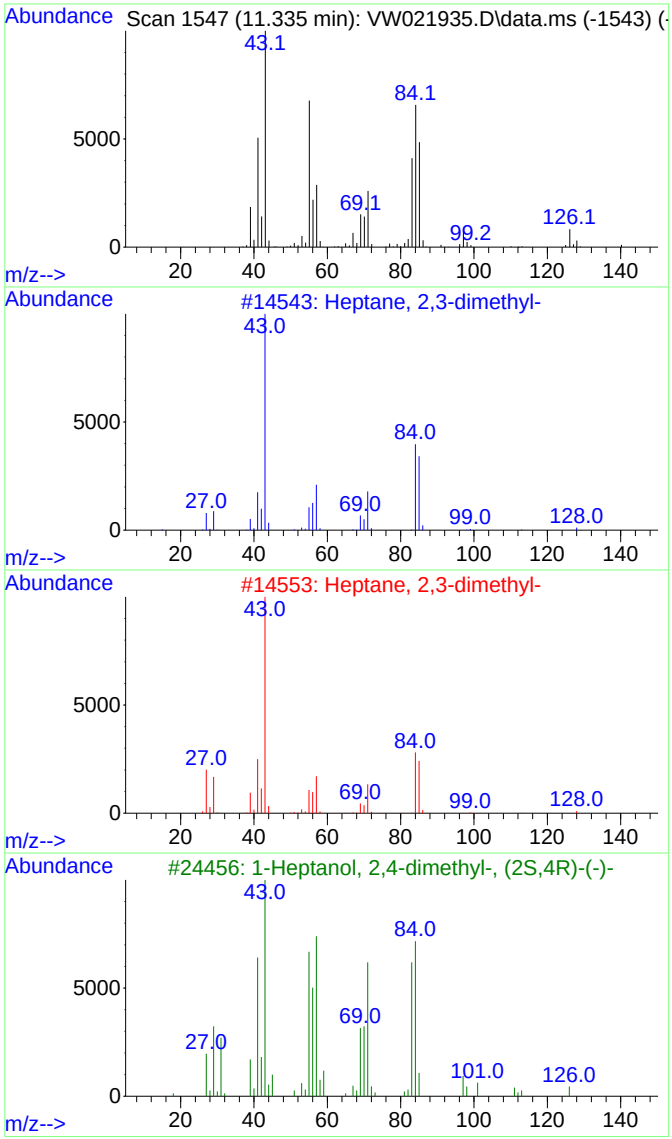
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

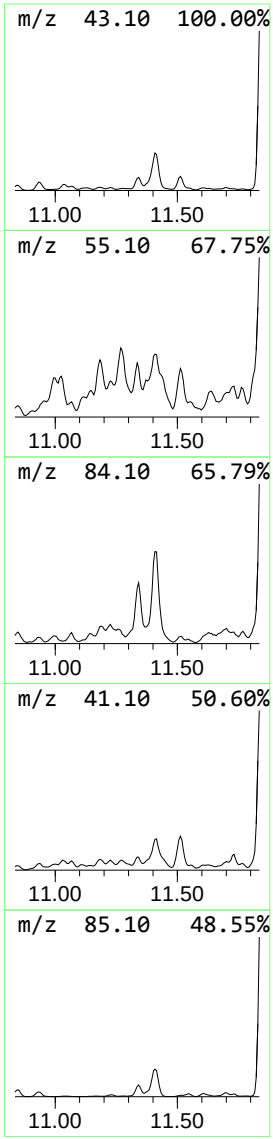
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	23.89 ug/L	428487	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	62
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
3	1-Heptanol, 2,4-dimethyl-, (2S,4...	144	C9H20O	018450-74-3	47
4	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	47
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

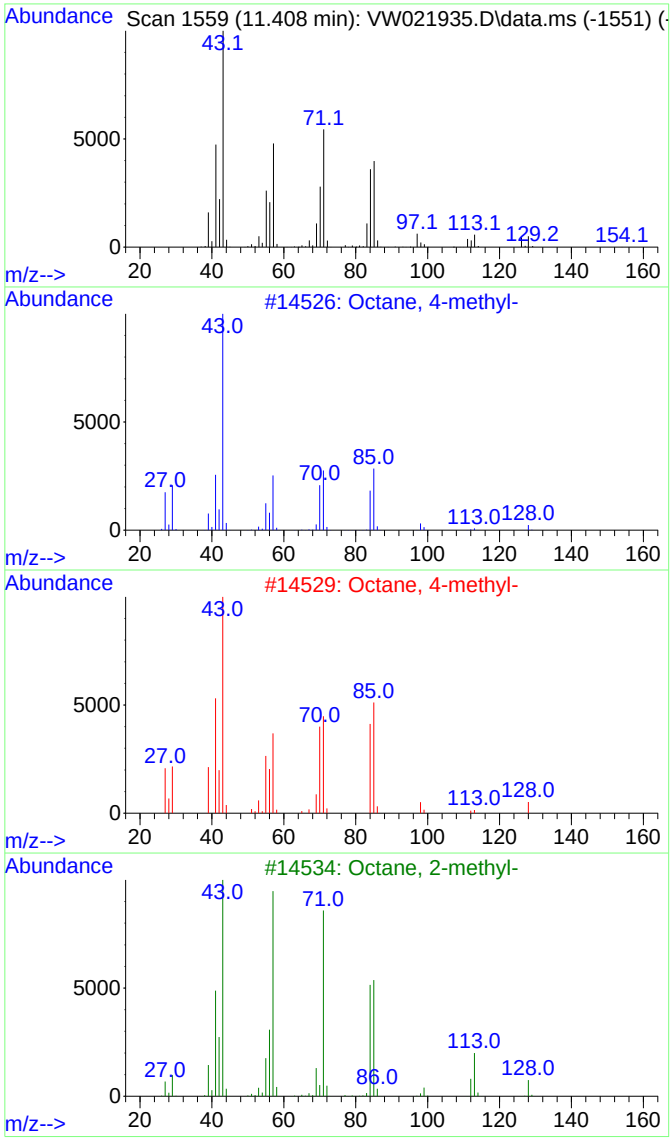
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

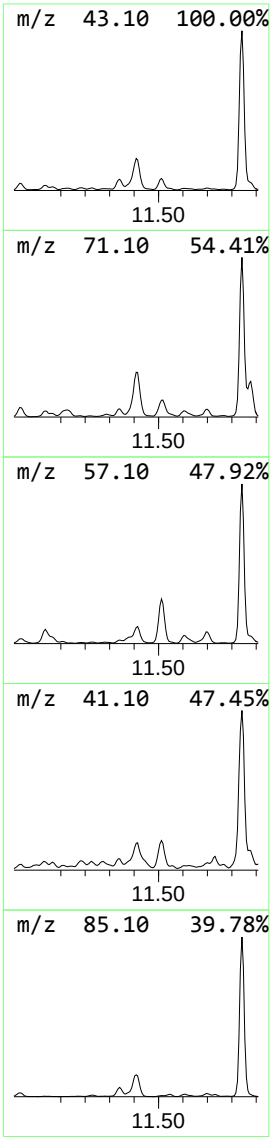
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	107.94 ug/L	1935800	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	68
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

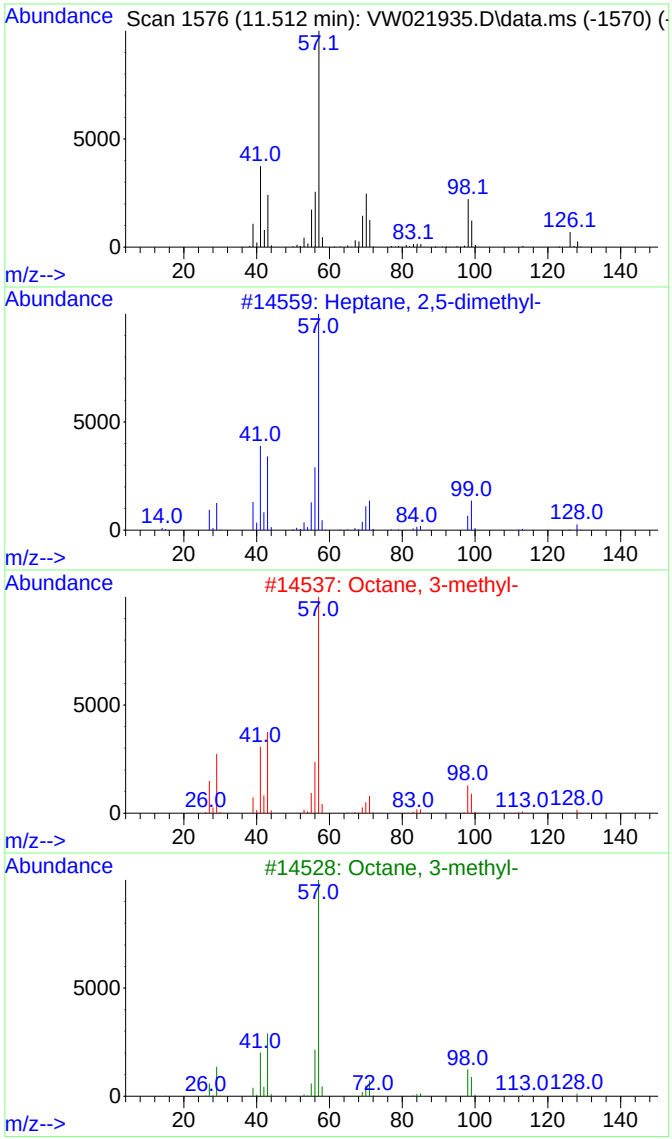
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

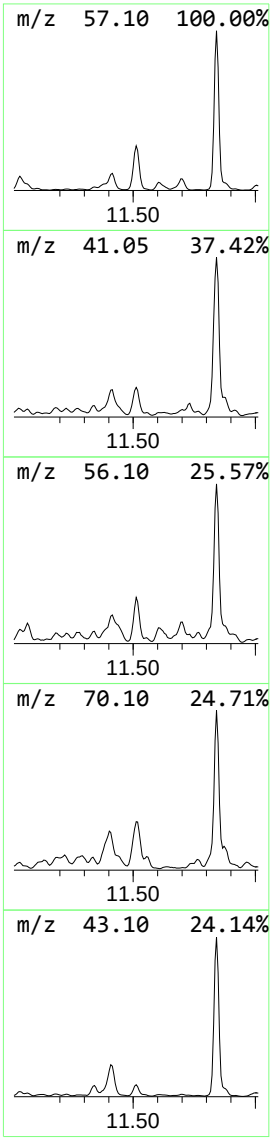
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	60.39 ug/L	1083010	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	52
3	Octane, 3-methyl-	128	C9H20	002216-33-3	52
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

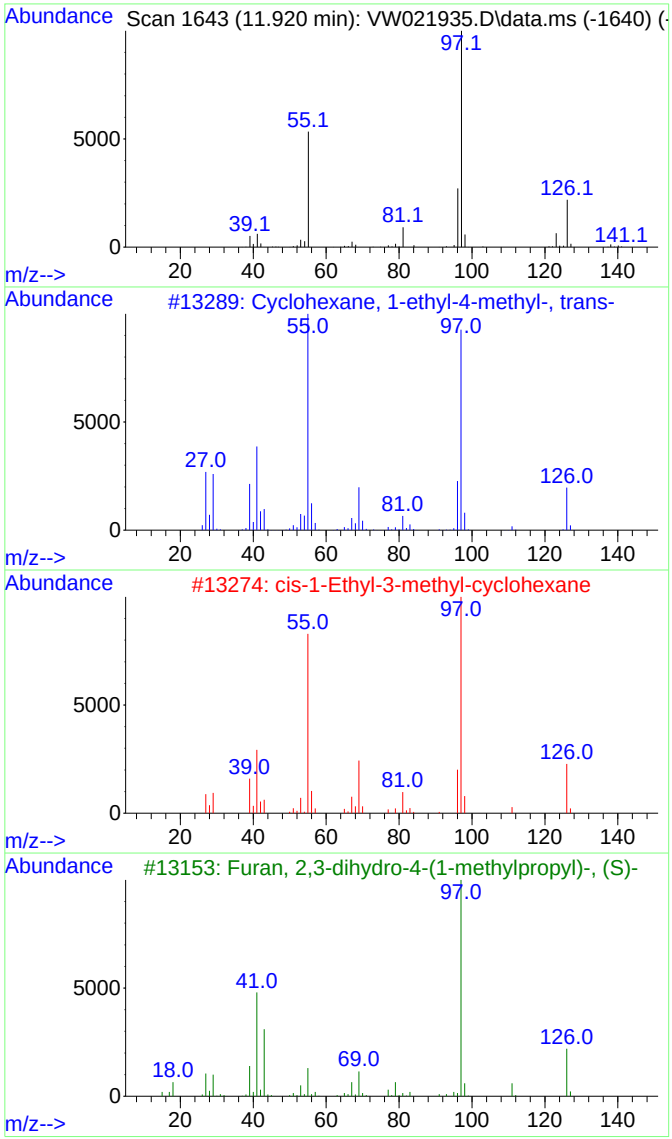
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

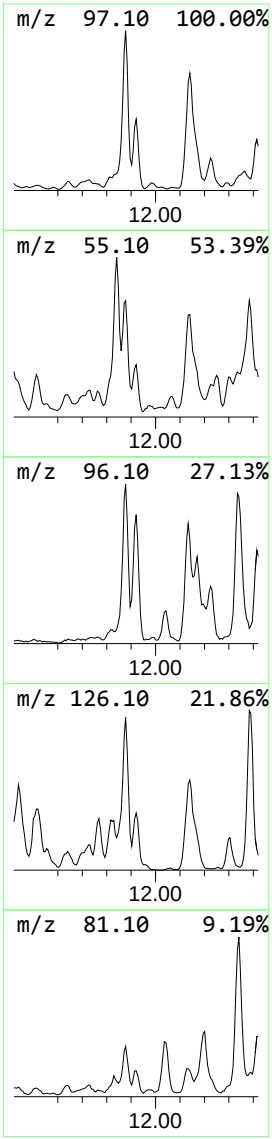
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.921 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	18.97 ug/L	340222	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	56
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	56
3	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	53
4	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	50
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

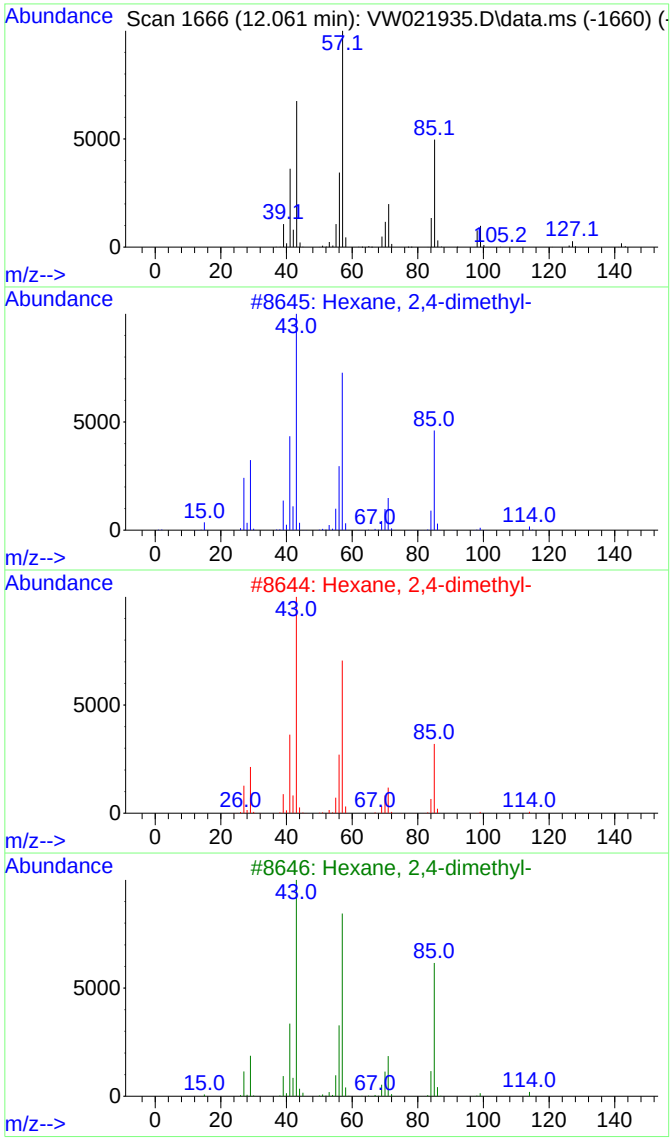
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

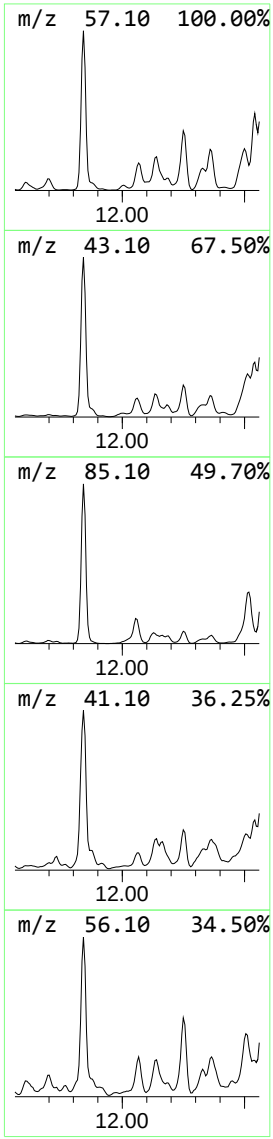
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	34.34 ug/L	615861	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	59
5	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

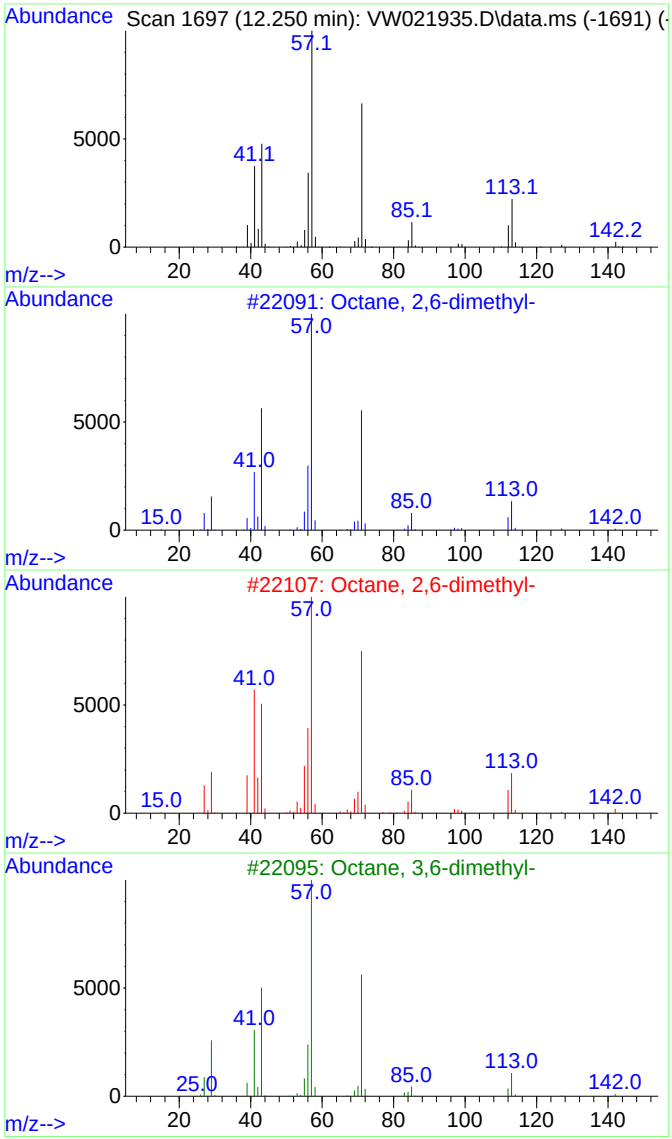
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

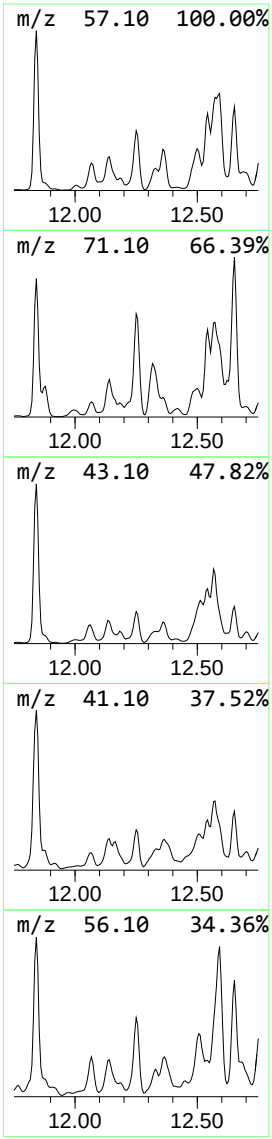
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	92.06 ug/L	1650940	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

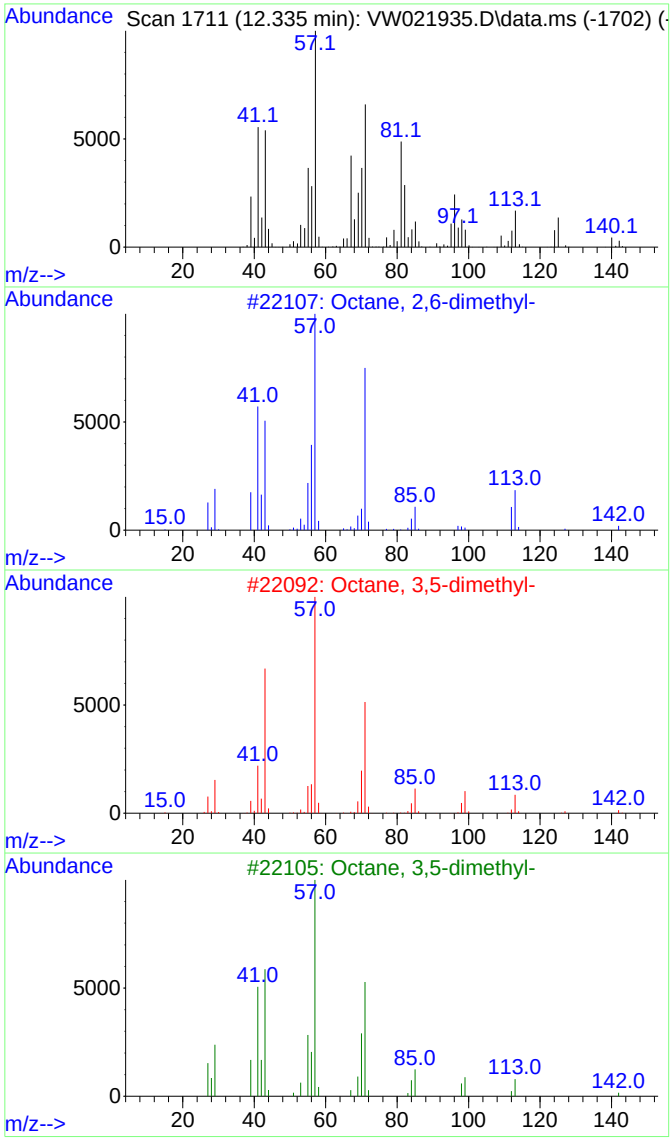
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

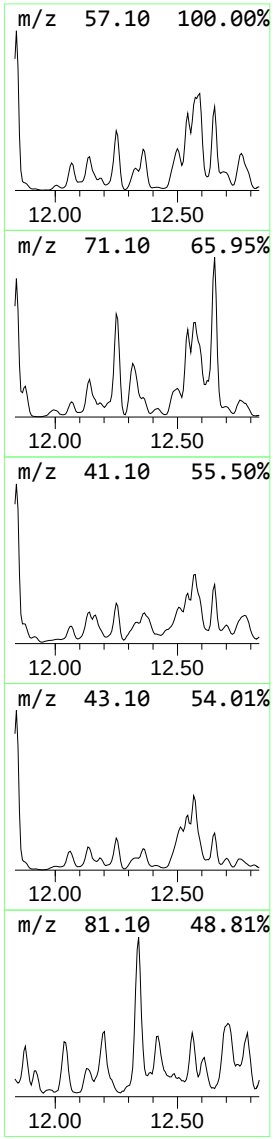
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	87.77 ug/L	1573990	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	30
4	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	25
5	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

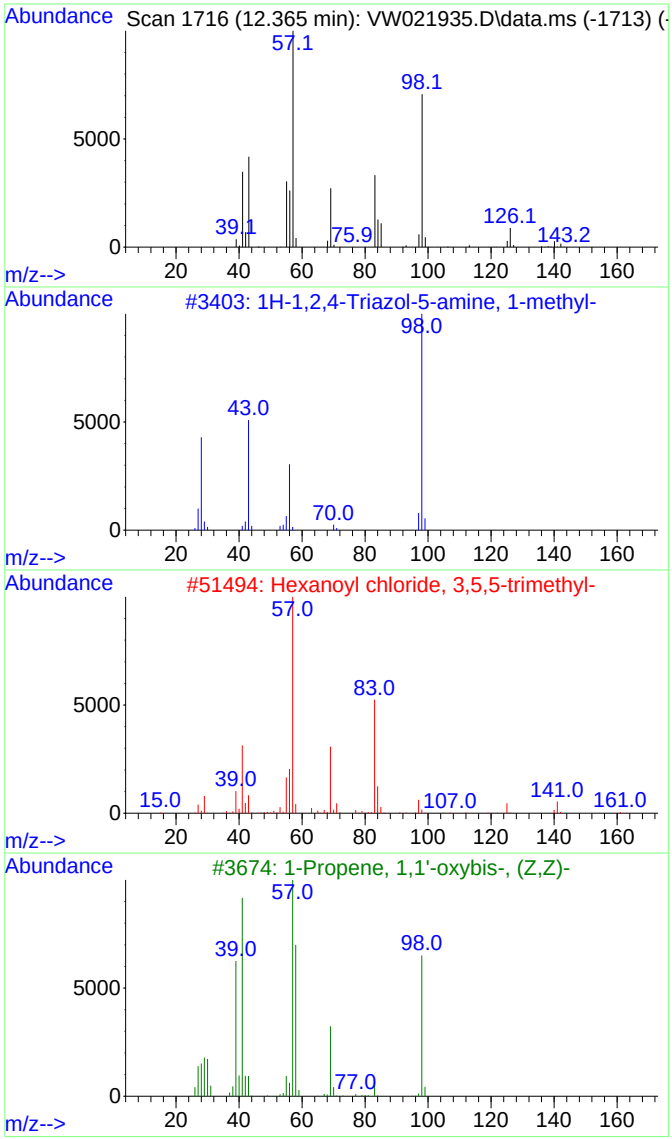
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

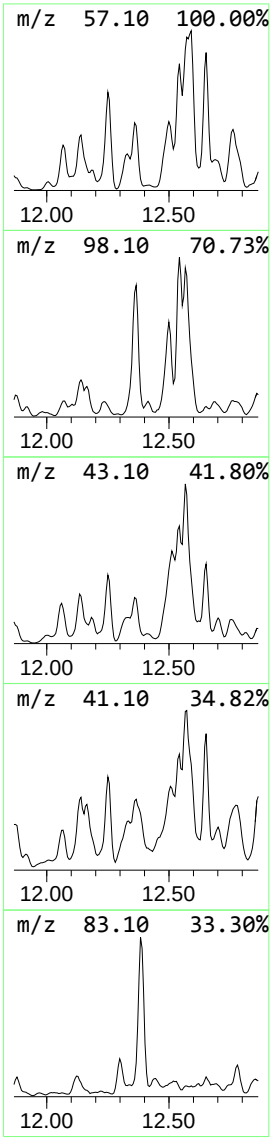
****

Peak Number 26 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	92.26 ug/L	1654540	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazol-5-amine, 1-methyl-	98	C3H6N4	015795-39-8	43
2	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	43
3	1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H10O	004696-27-9	43
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42
5	1H-Pyrazole-3,4-diamine	98	C3H6N4	016461-98-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

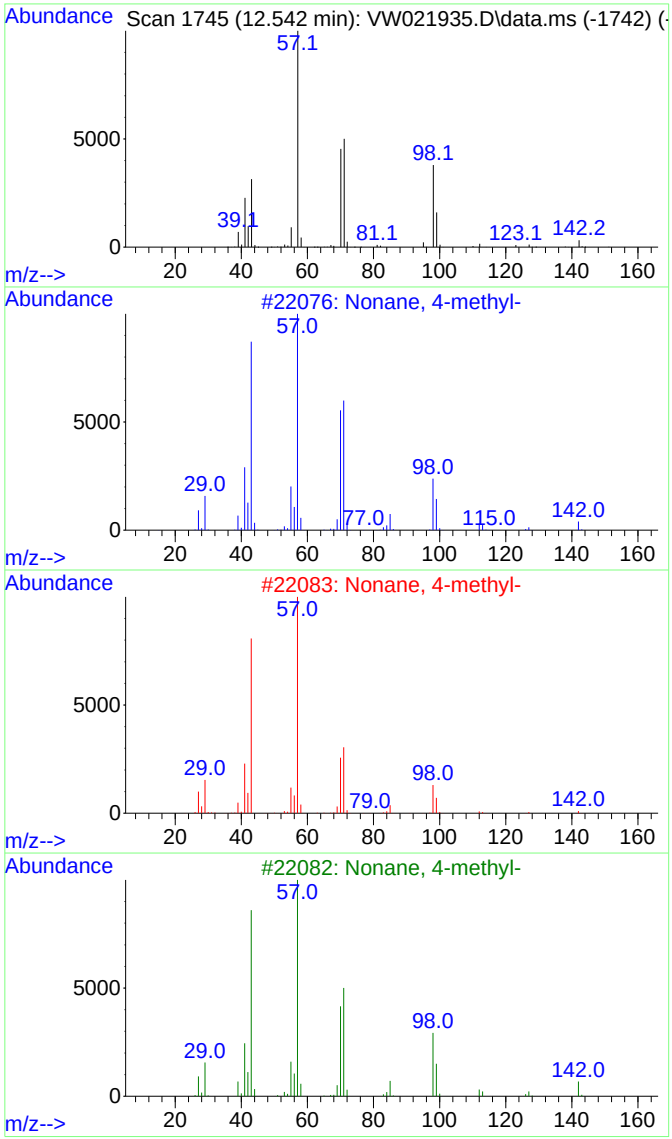
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

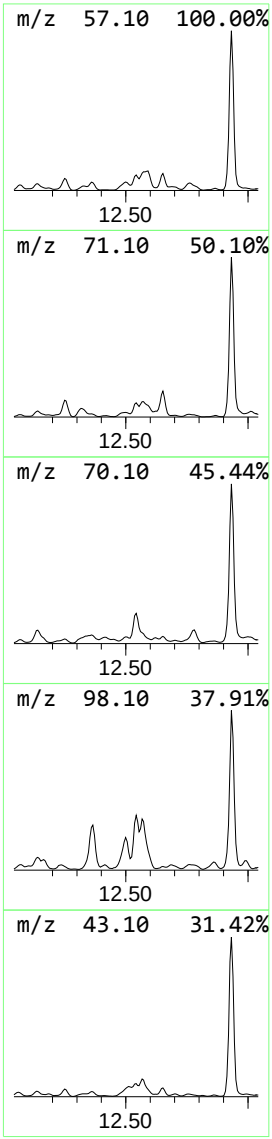
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	103.86 ug/L	1862700	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

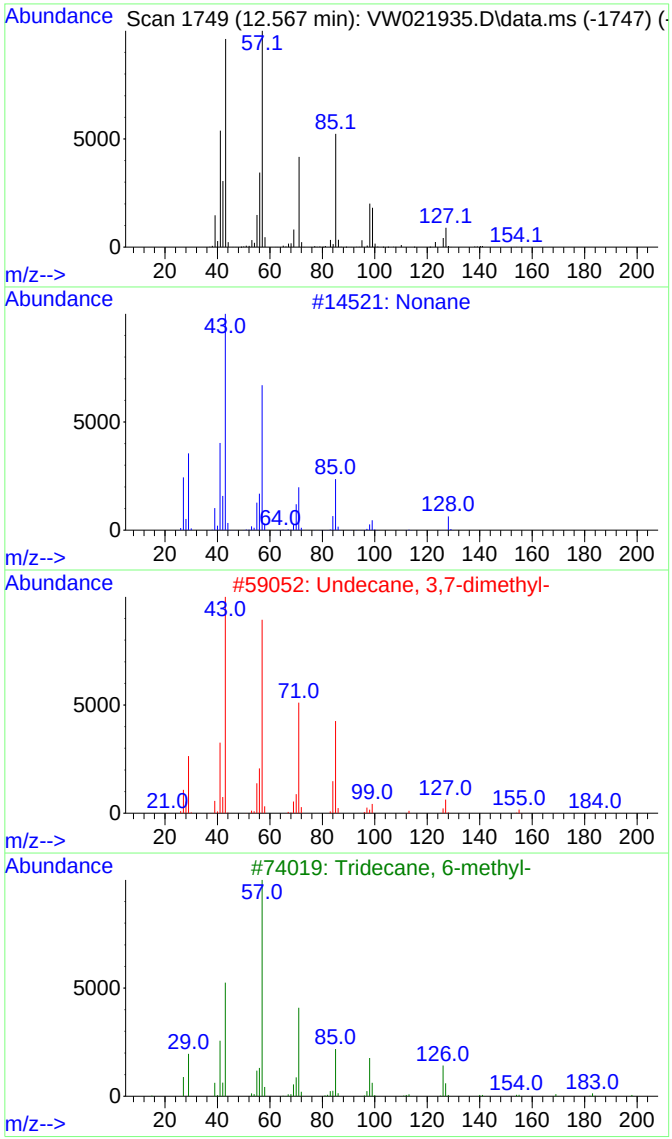
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

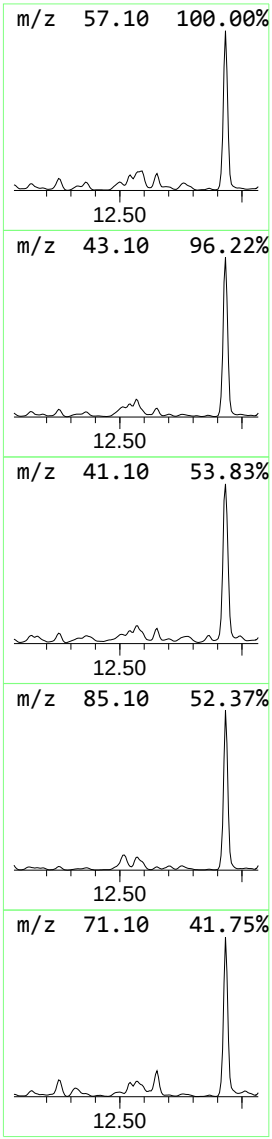
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	194.51 ug/L	3488350	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

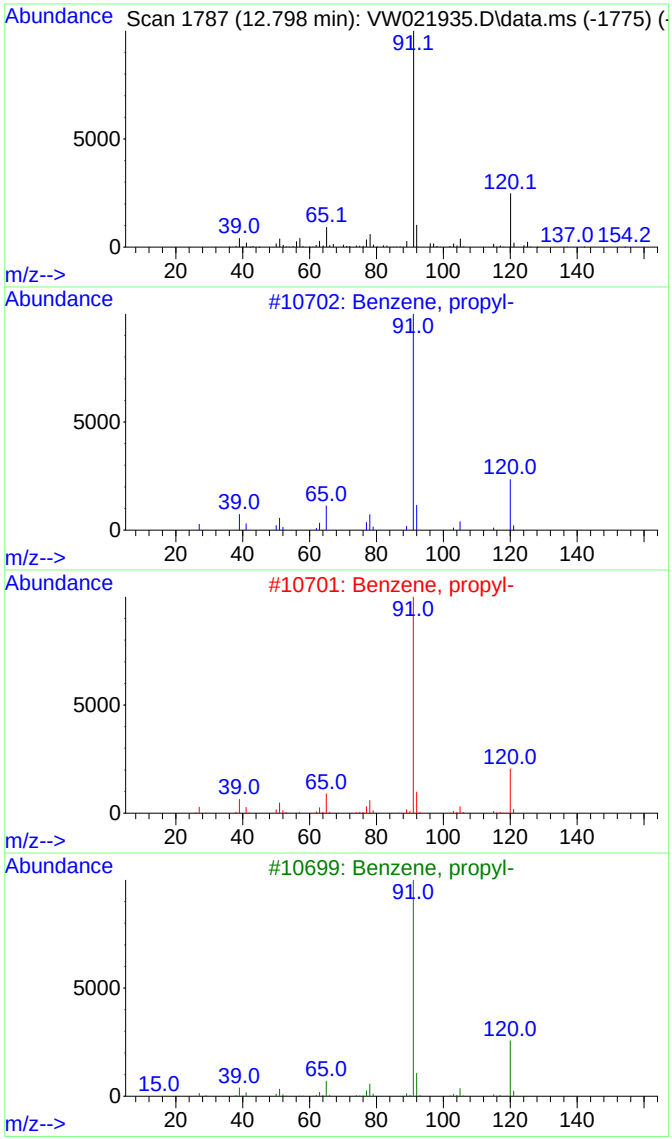
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

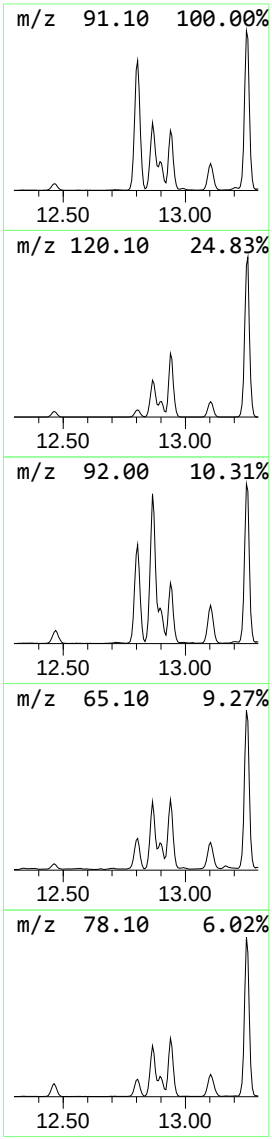
****

Peak Number 29 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	38.72 ug/L	3922210	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

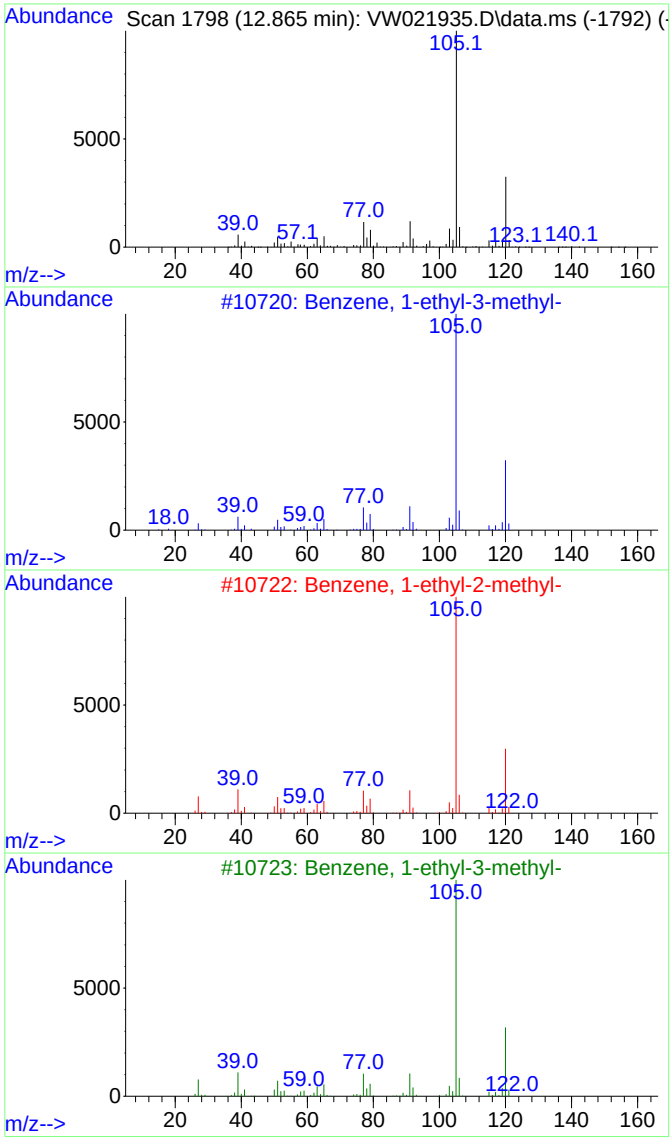
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

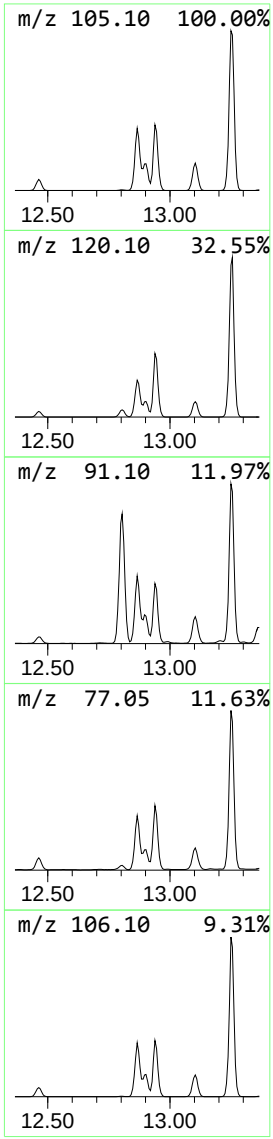
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	107.85 ug/L	10925000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

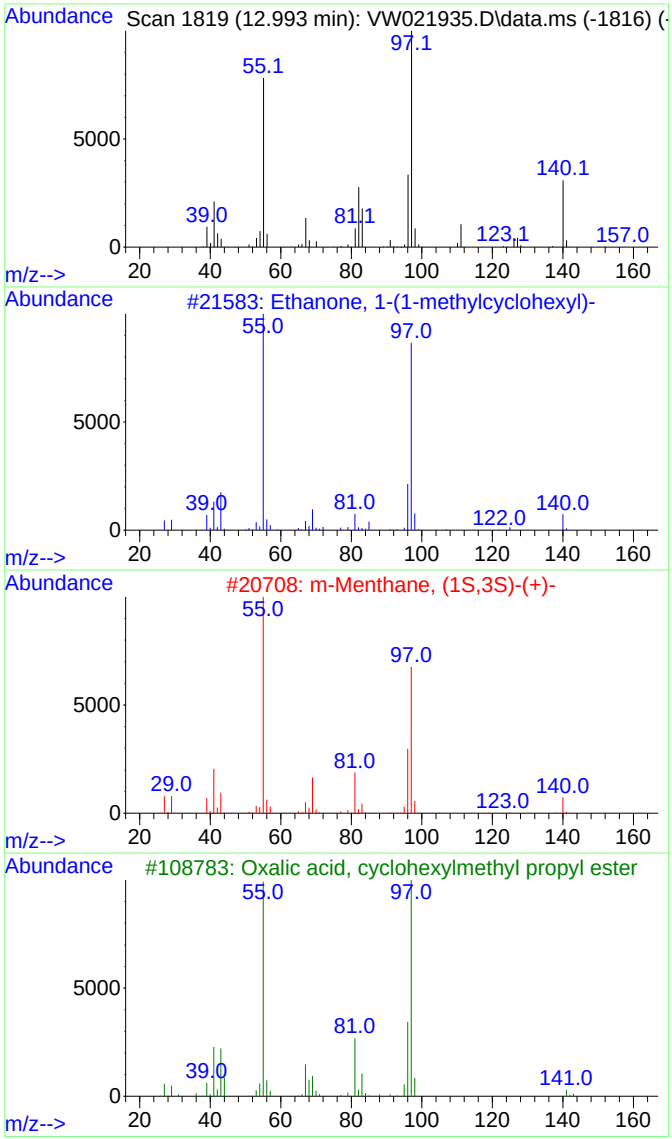
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

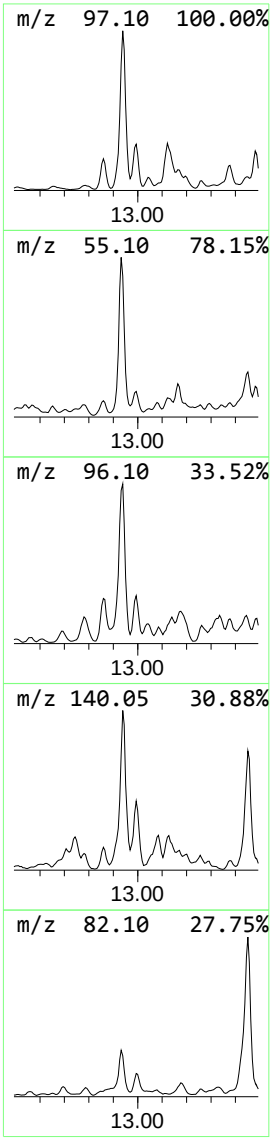
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Ethanone, 1-(1-methylcycloh... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	10.26 ug/L	1039140	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59
3	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	53
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

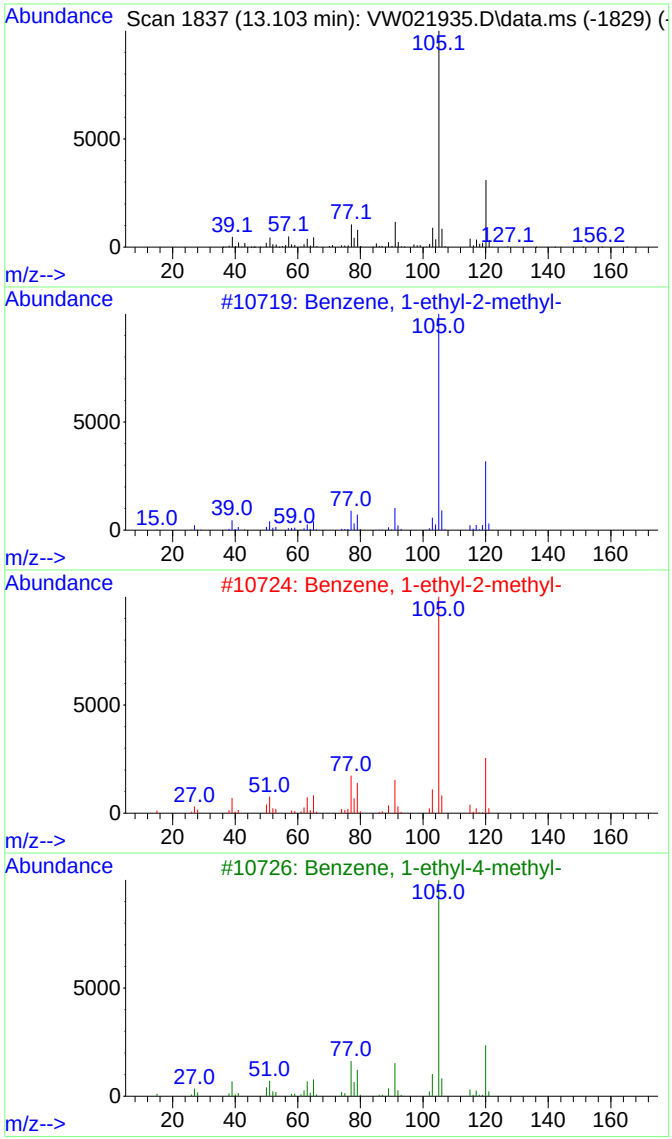
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

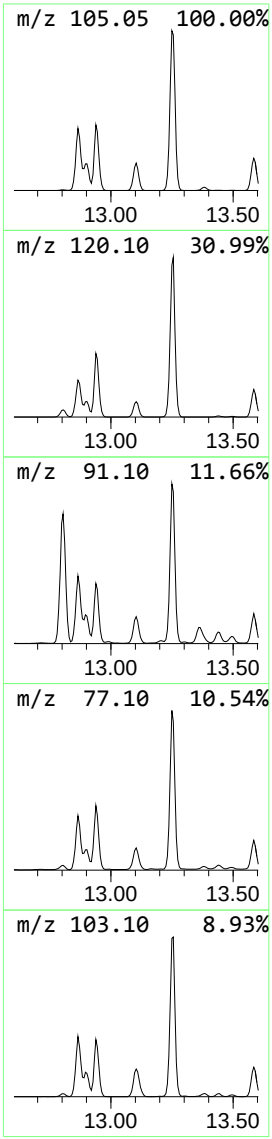
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	70.09 ug/L	7099790	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	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
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\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

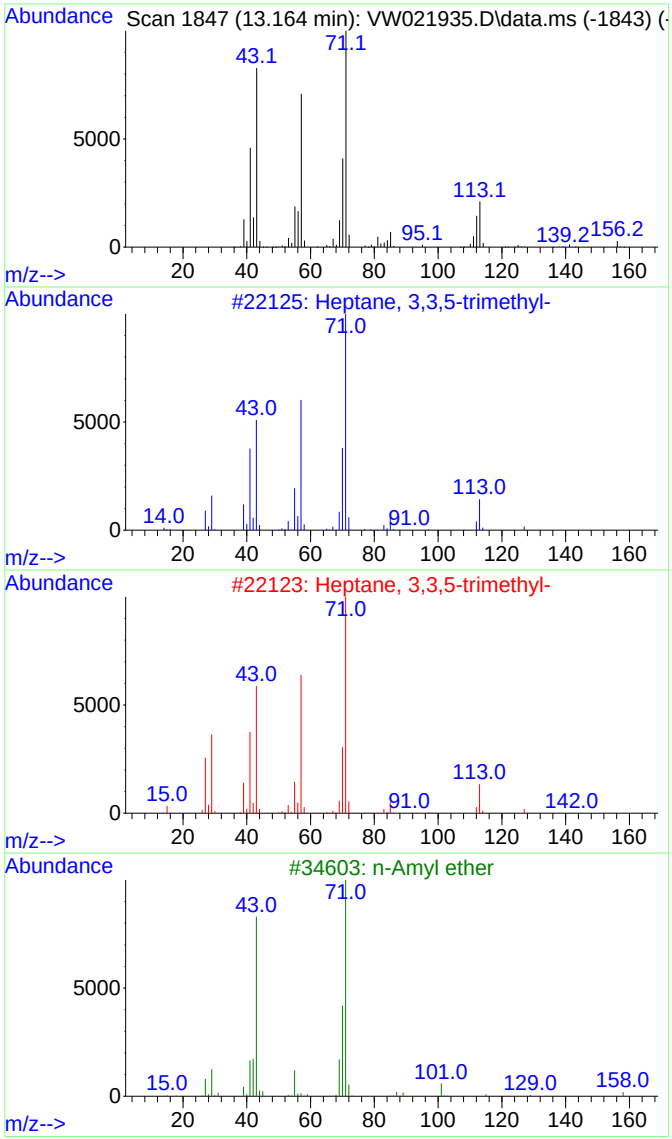
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

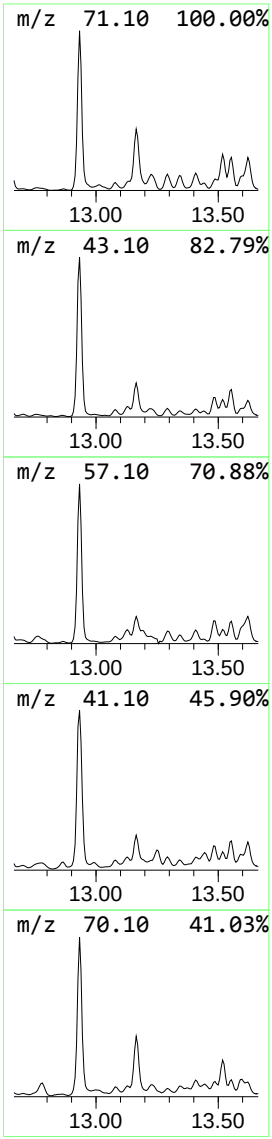
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	47.39 ug/L	4800700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3	n-Amyl ether	158	C10H22O	000693-65-2	59
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

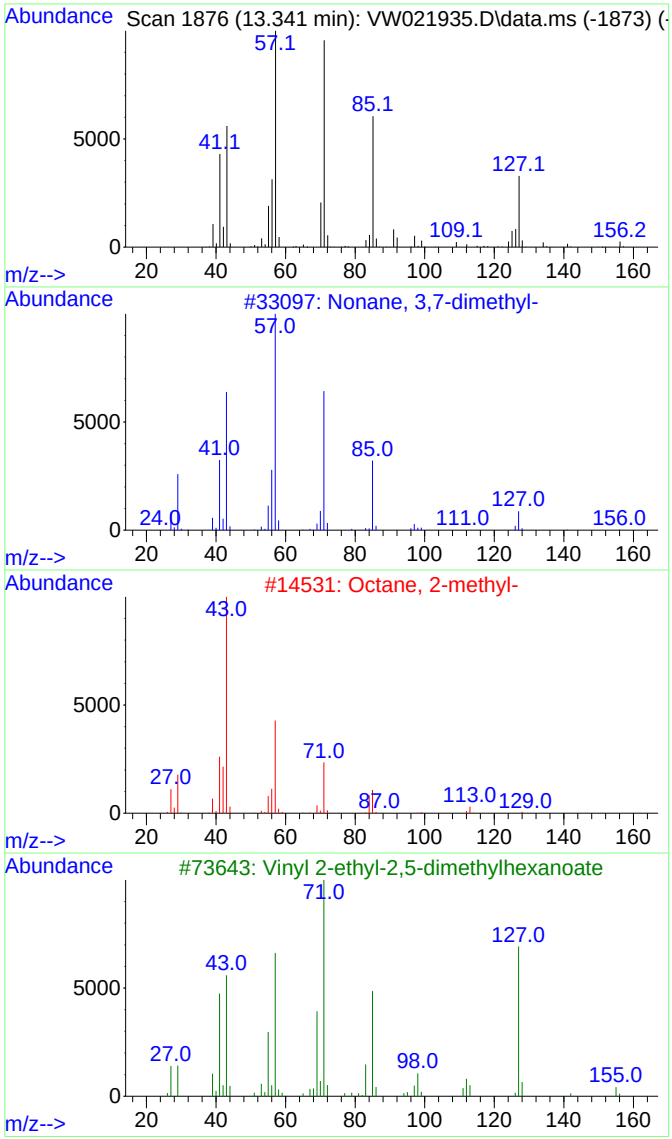
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

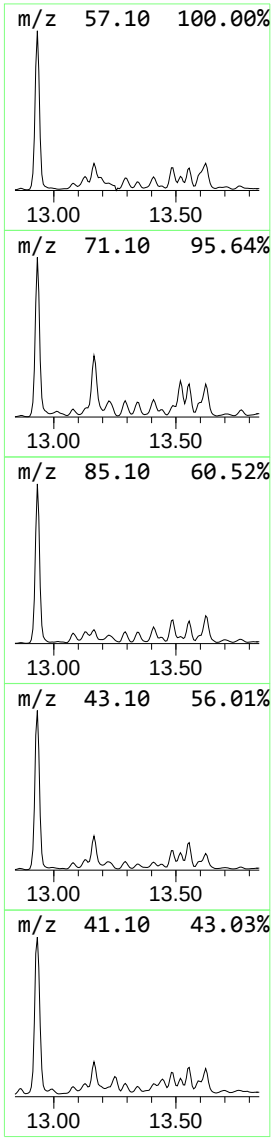
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	9.94 ug/L	1007110	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Vinyl 2-ethyl-2,5-dimethylhexanoate	198	C12H22O2	1000498-24-9	59
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

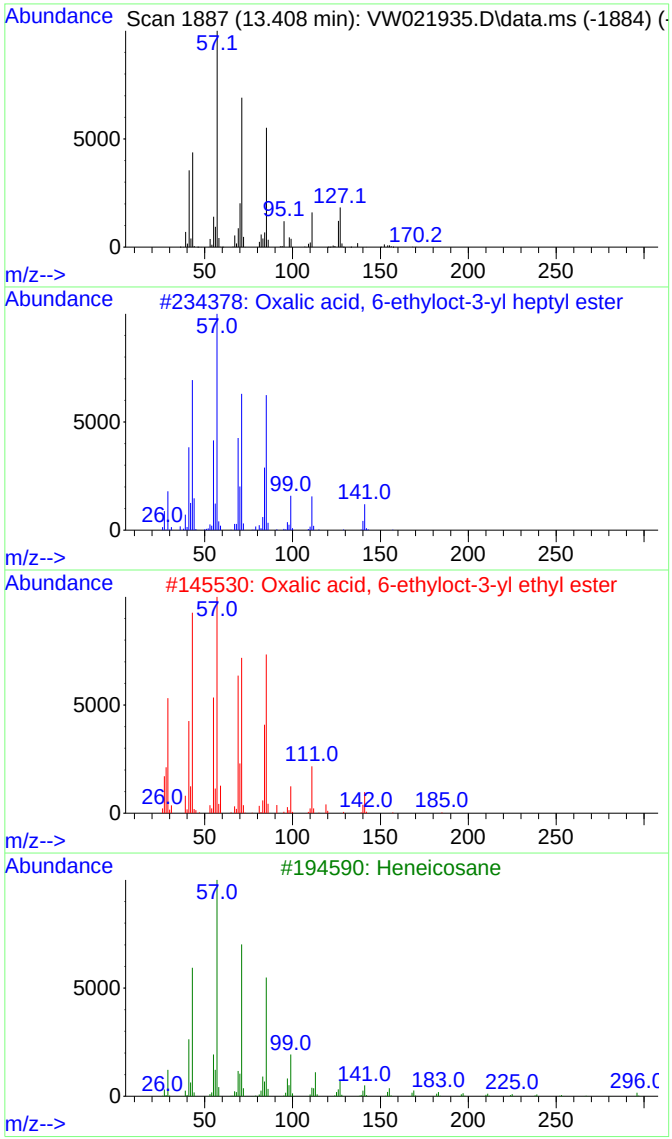
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

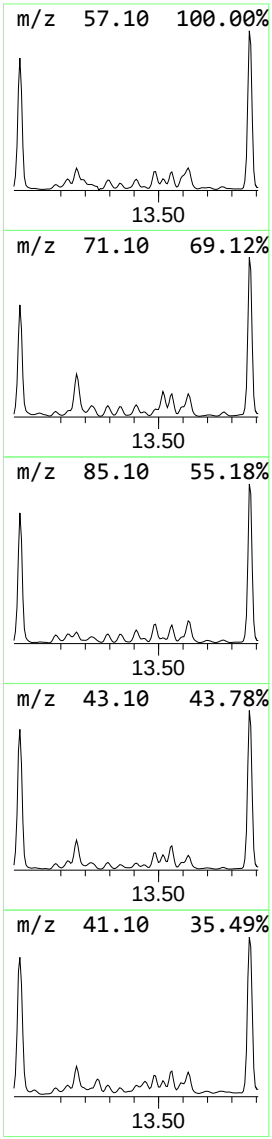
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	10.65 ug/L	1078310	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	64
2	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	59
3	Heneicosane	296	C21H44	000629-94-7	53
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

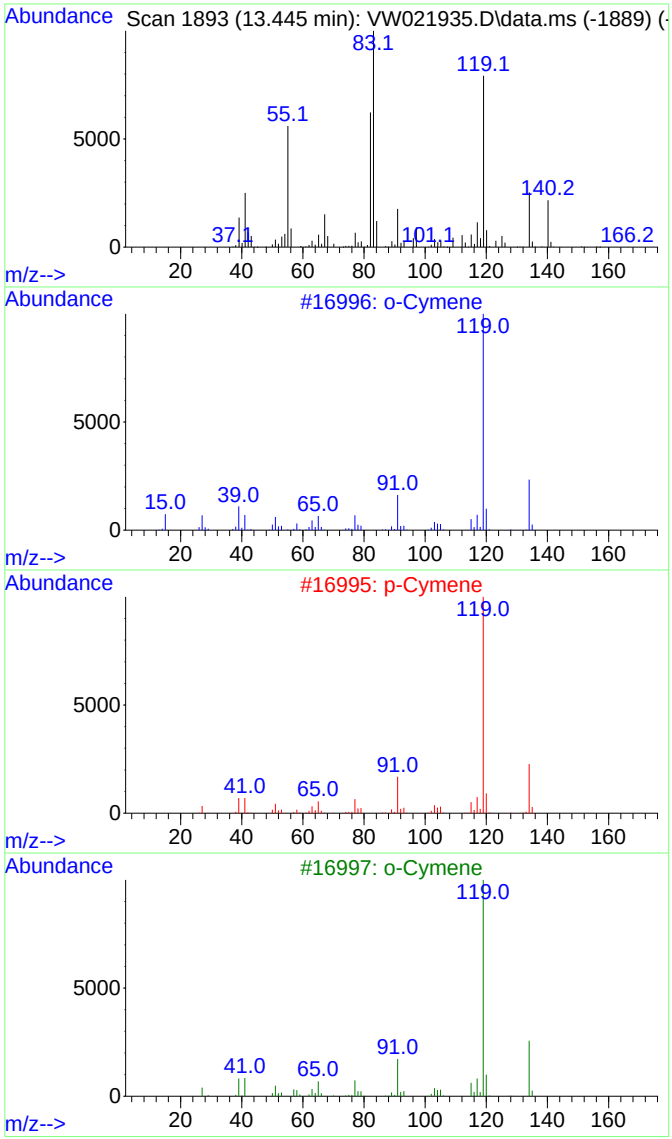
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

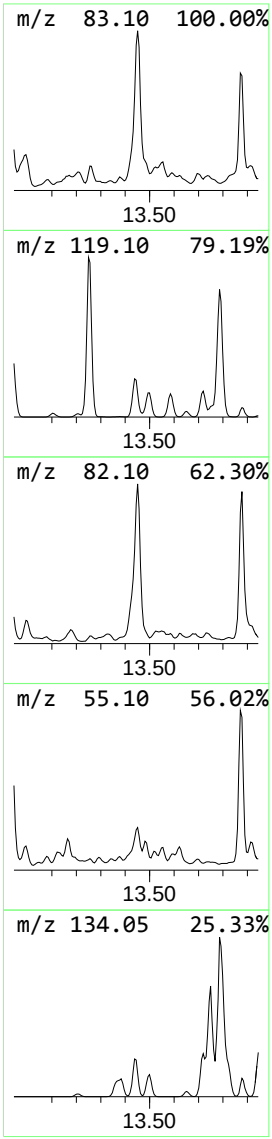
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 o-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	31.38 ug/L	3178910	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	83
2	p-Cymene	134	C10H14	000099-87-6	83
3	o-Cymene	134	C10H14	000527-84-4	83
4	p-Cymene	134	C10H14	000099-87-6	81
5	o-Cymene	134	C10H14	000527-84-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

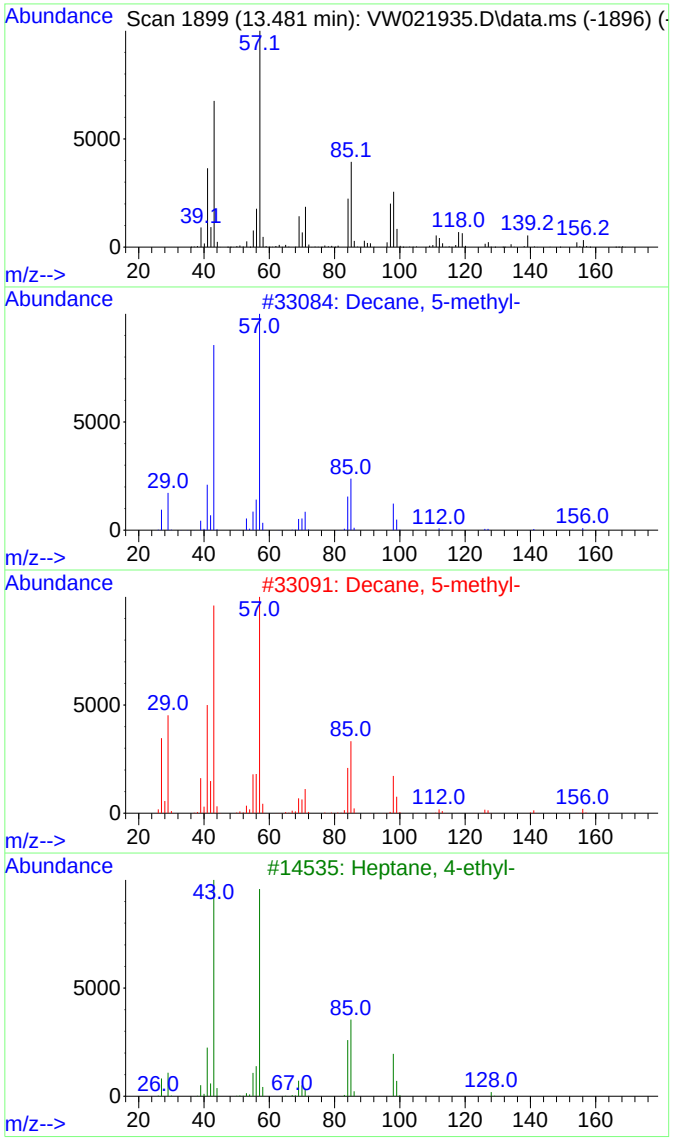
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

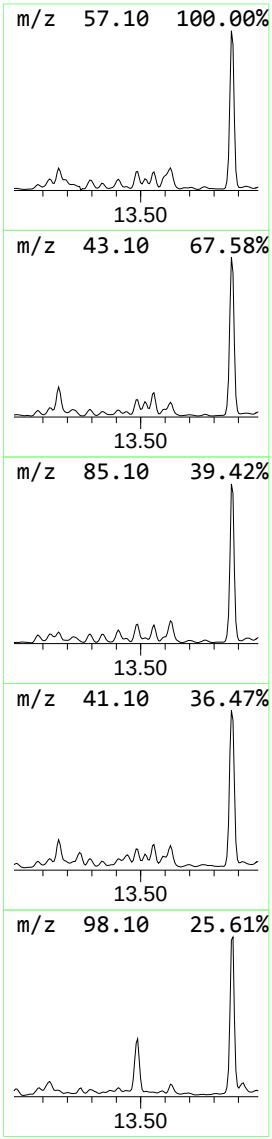
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	34.90 ug/L	3534790	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	70
2	Decane, 5-methyl-	156	C11H24	013151-35-4	52
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

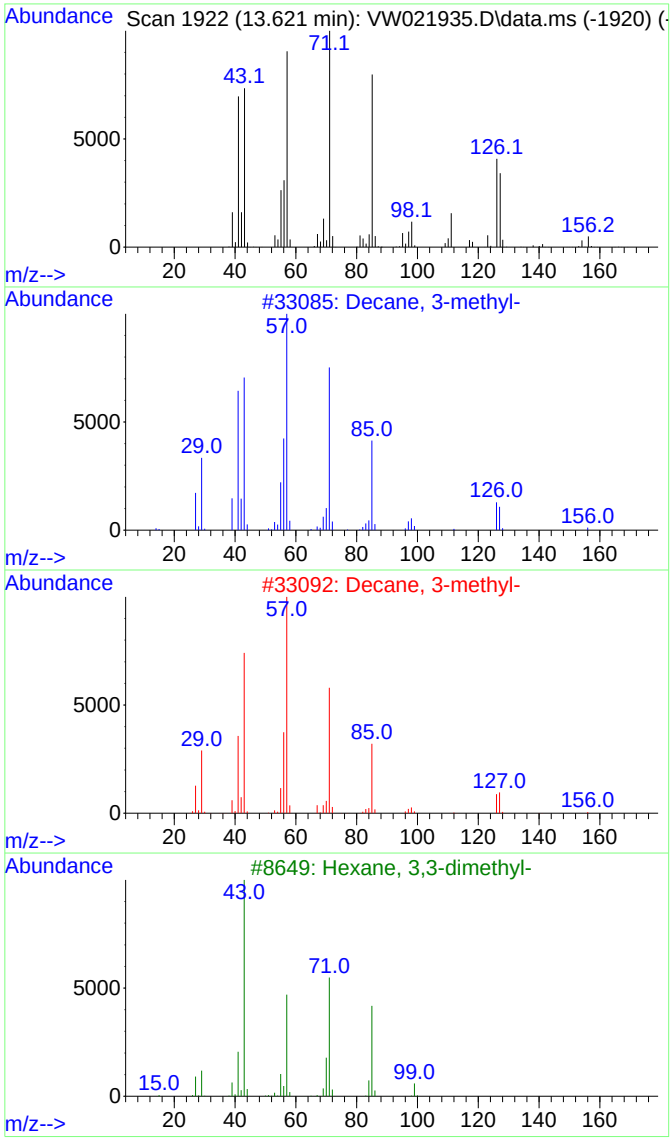
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

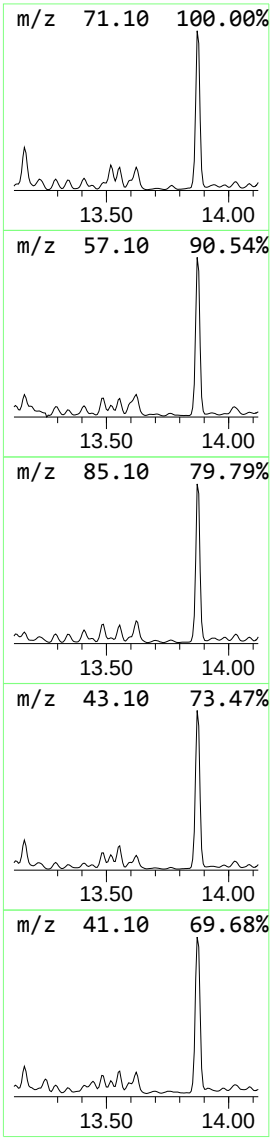
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	31.77 ug/L	3218340	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Decane, 3-methyl-	156	C11H24	013151-34-3	58
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

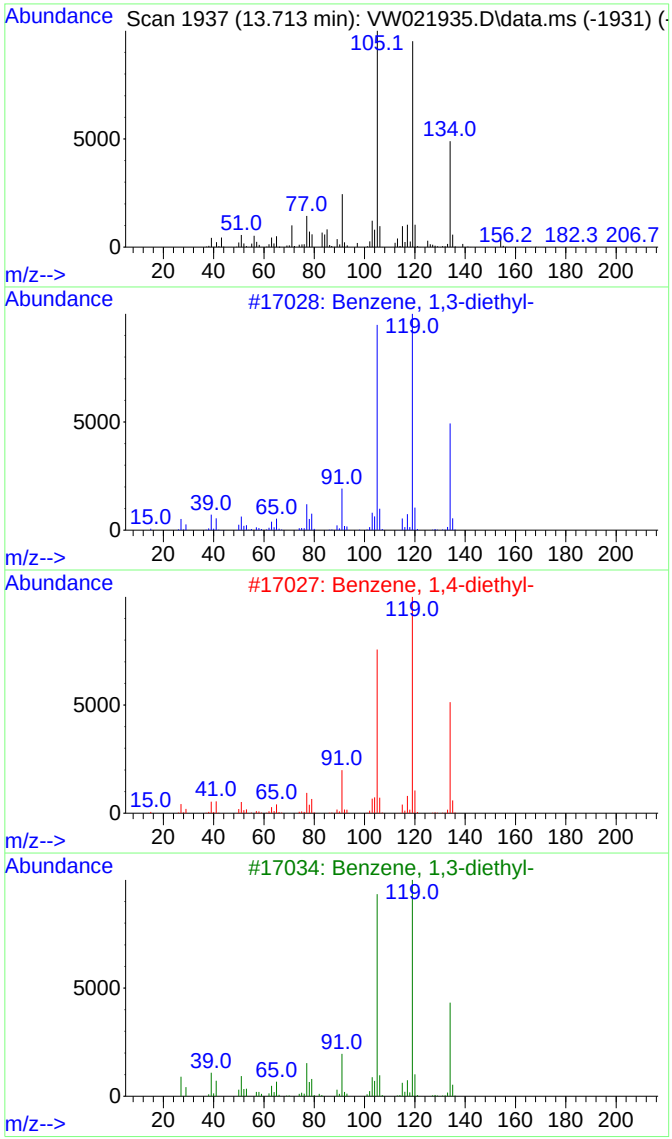
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

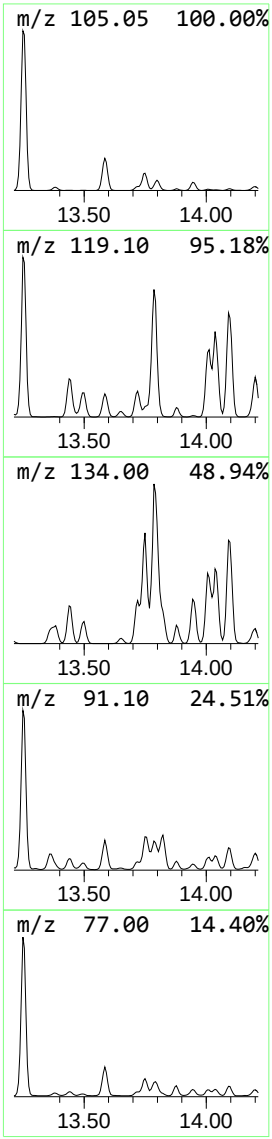
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,3-diethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	10.33 ug/L	1046160	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

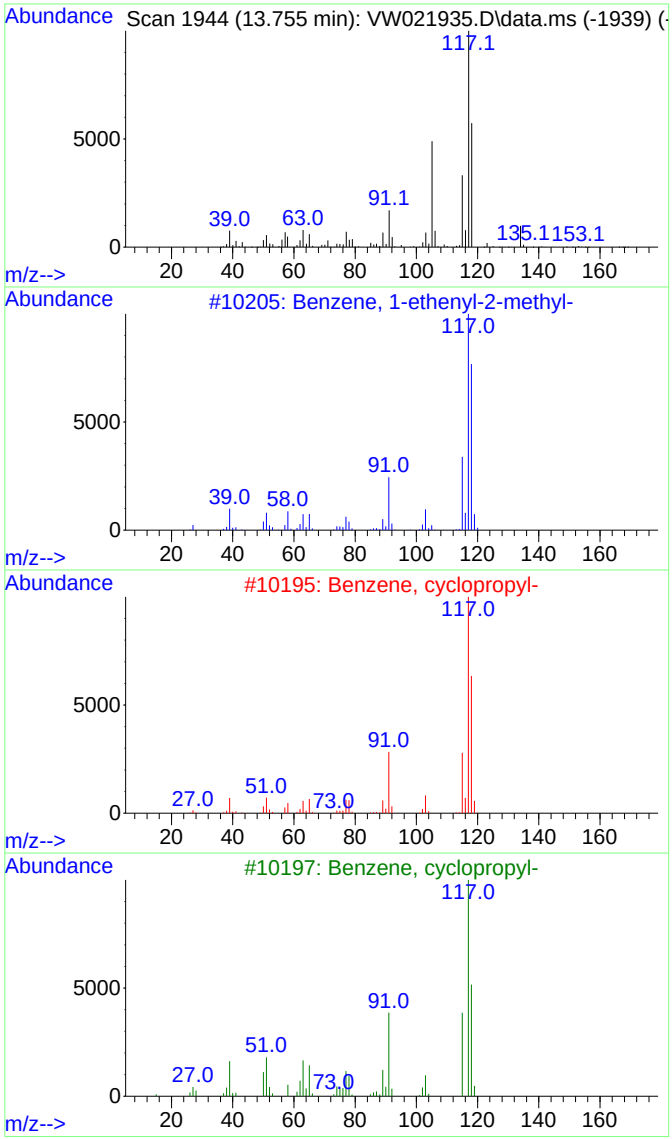
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

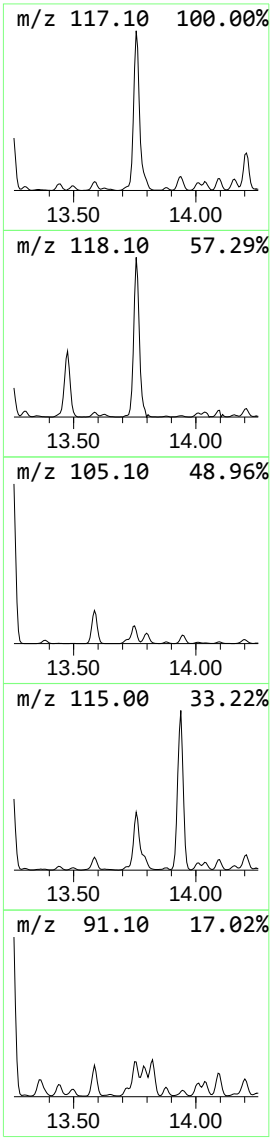
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1-ethenyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	47.09 ug/L	4770490	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Indane	118	C9H10	000496-11-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

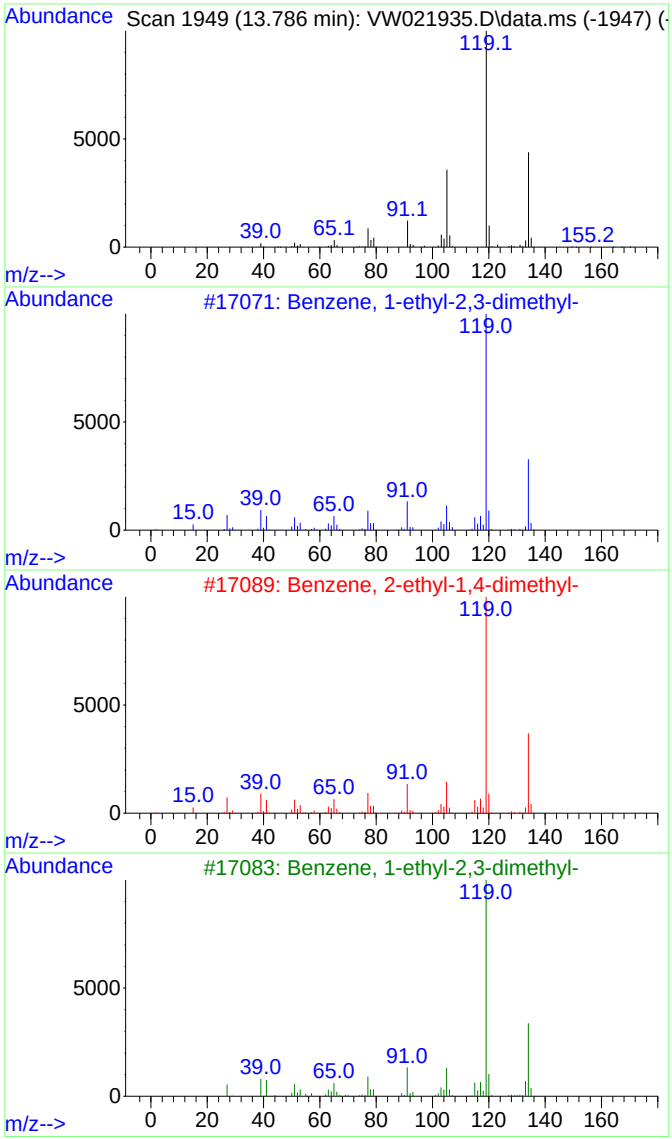
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

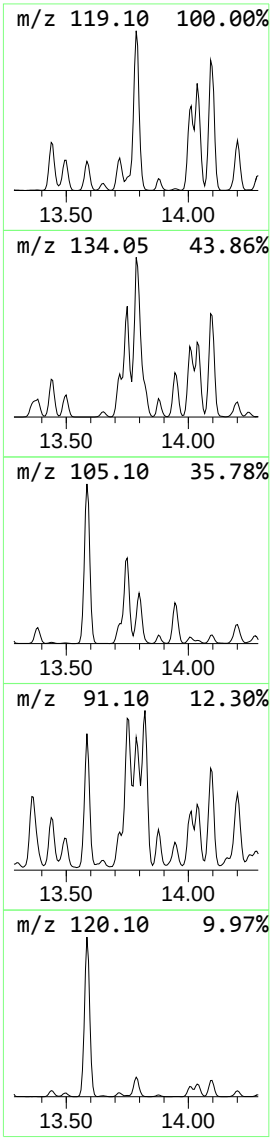
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	35.38 ug/L	3583690	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	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

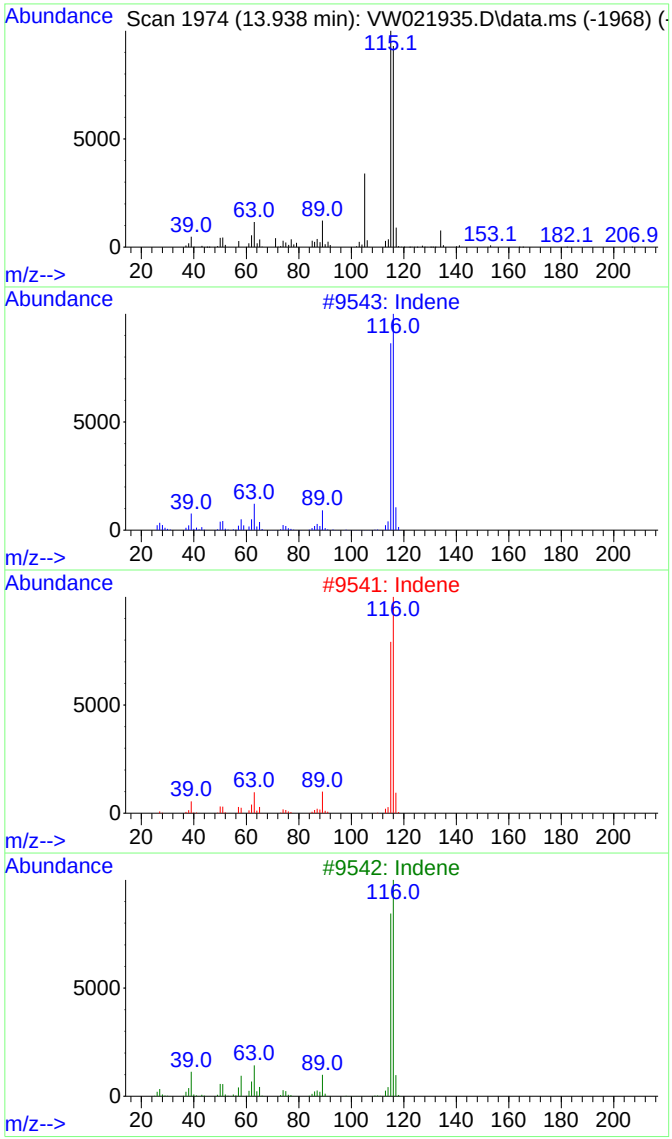
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

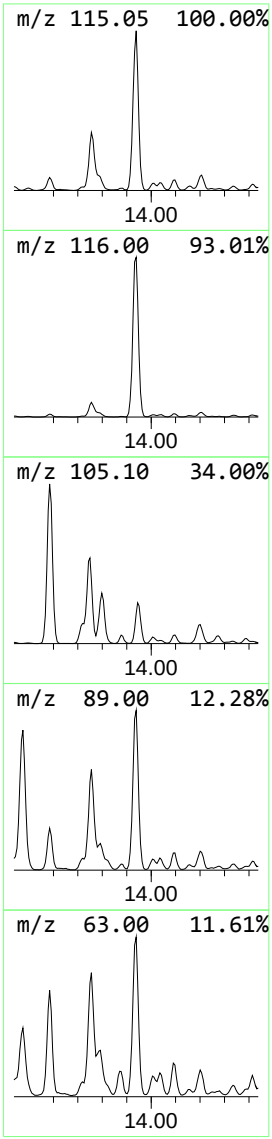
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Indene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	35.90 ug/L	3636420	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

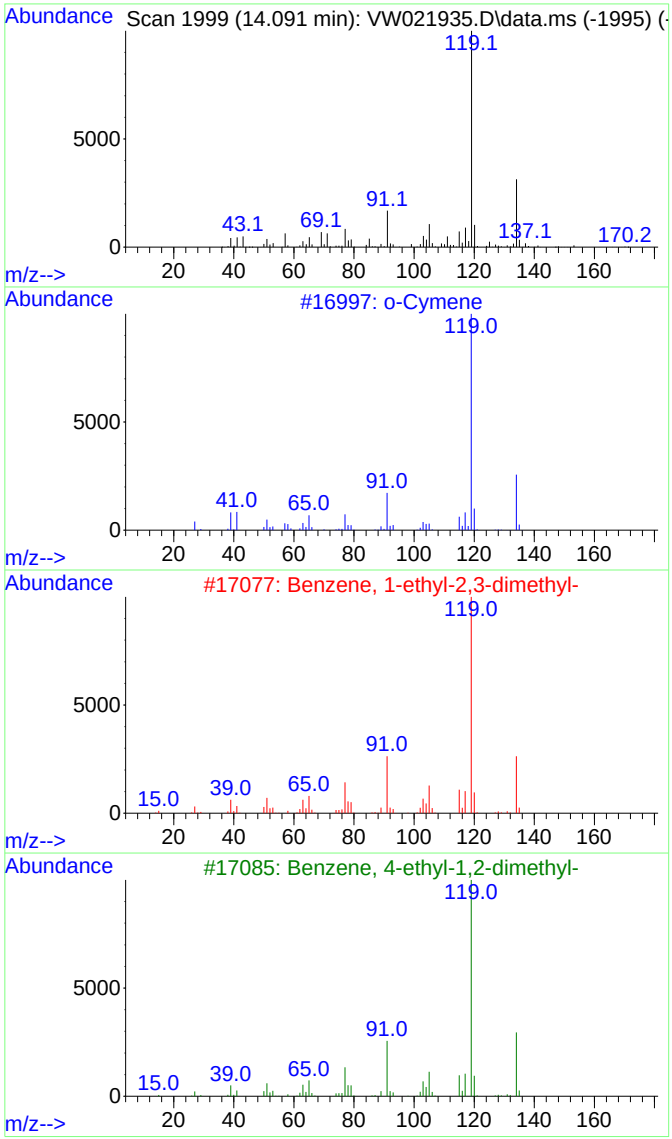
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

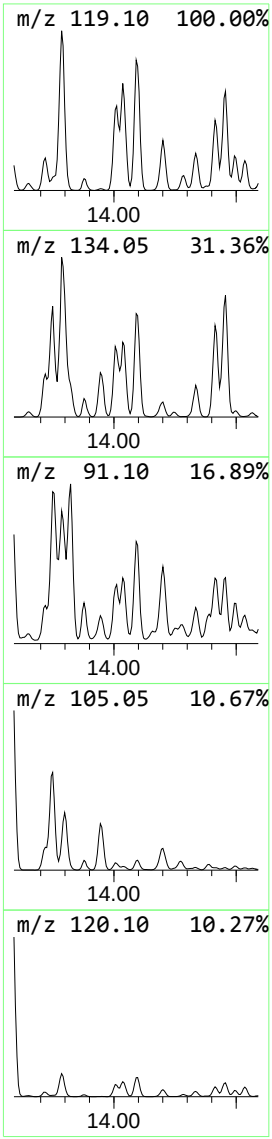
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	23.01 ug/L	2330600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

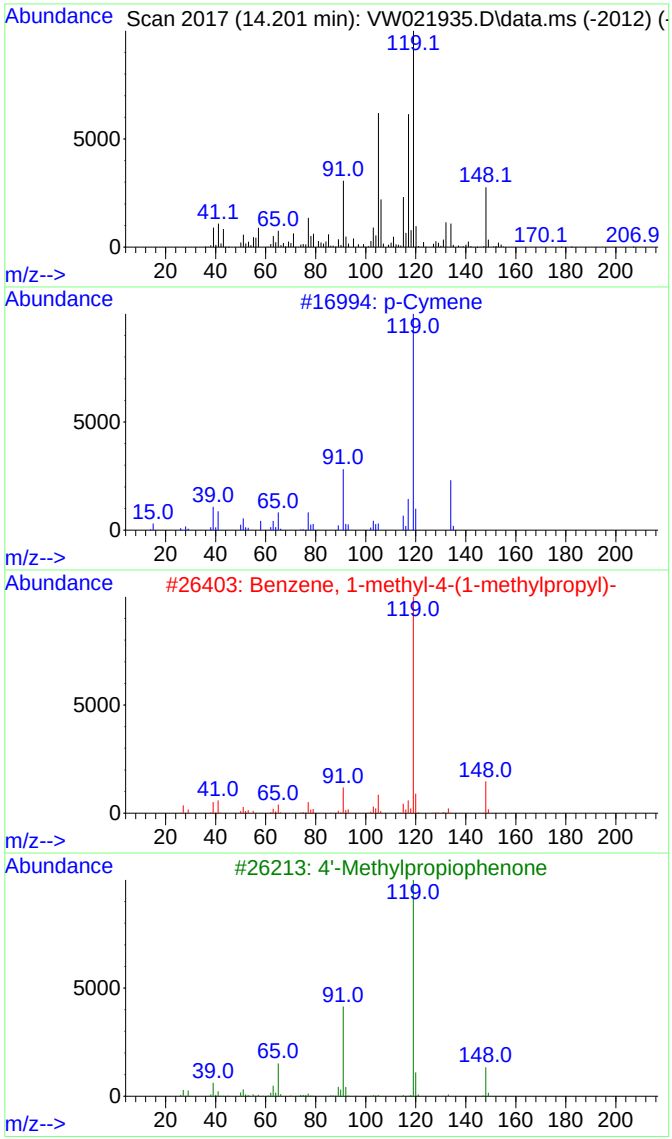
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

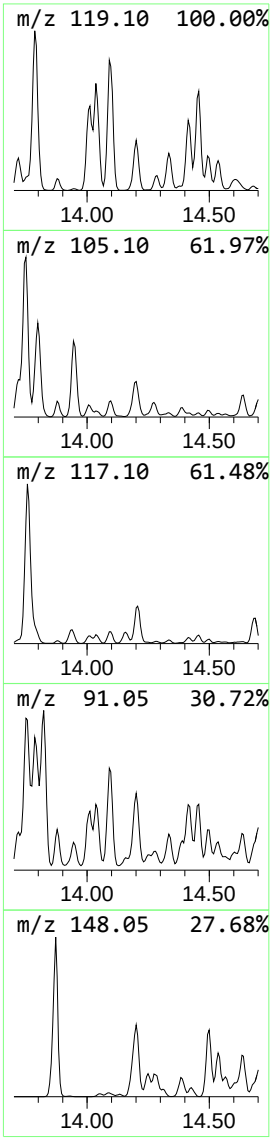
****

Peak Number 45 p-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	21.80 ug/L	2208420	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	55
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	50
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

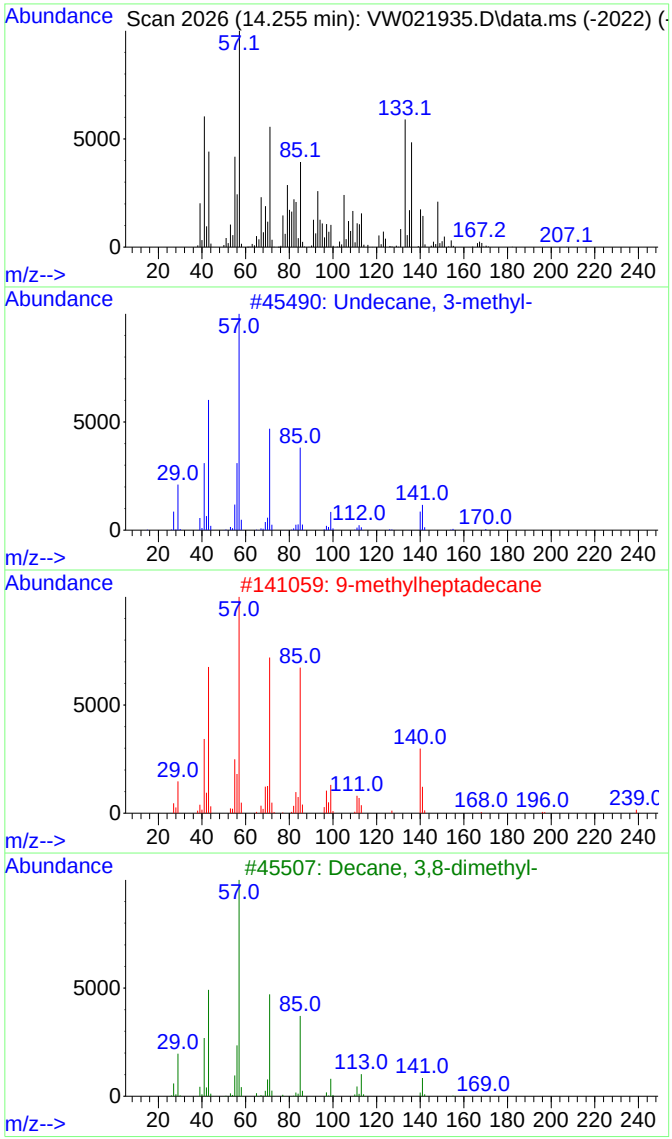
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

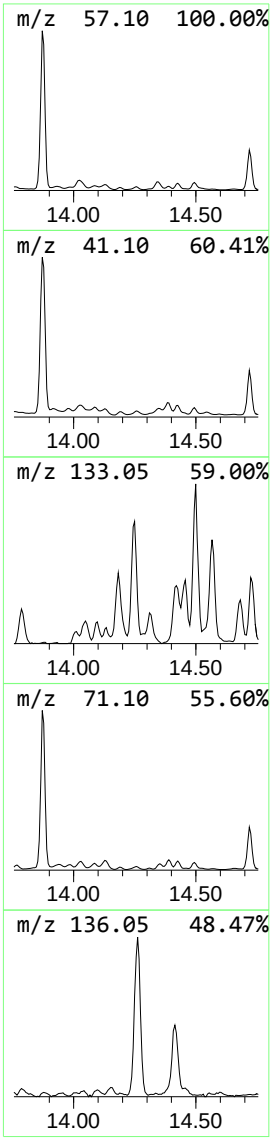
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	13.52 ug/L	1369490	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2	9-methylheptadecane	254	C18H38	026741-18-4	38
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	30
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

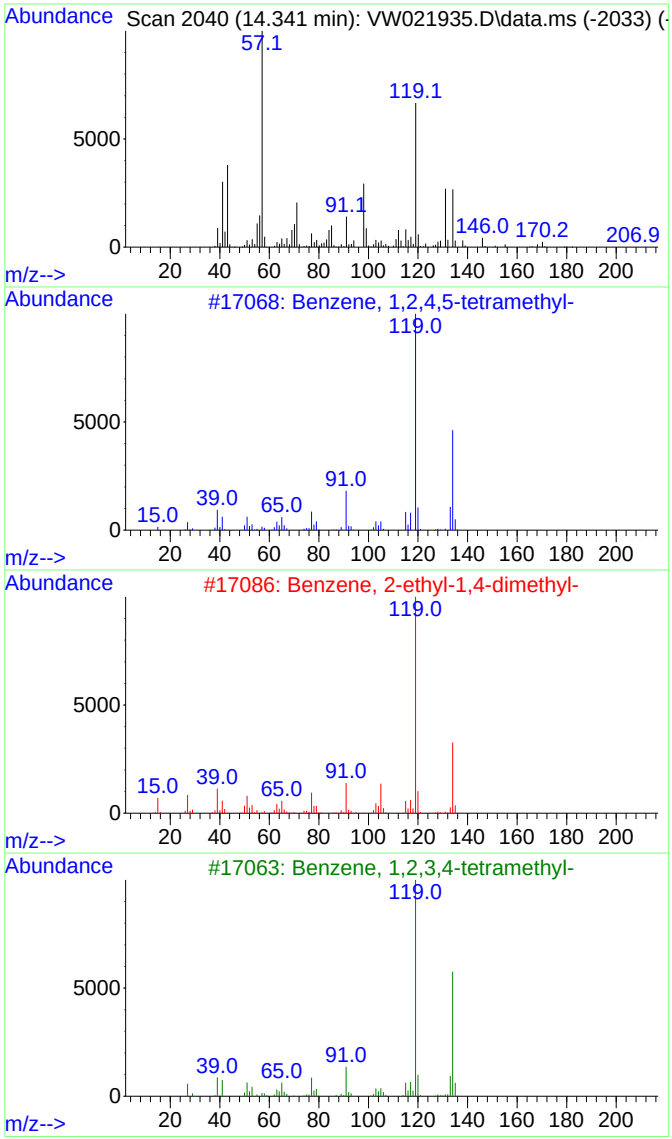
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

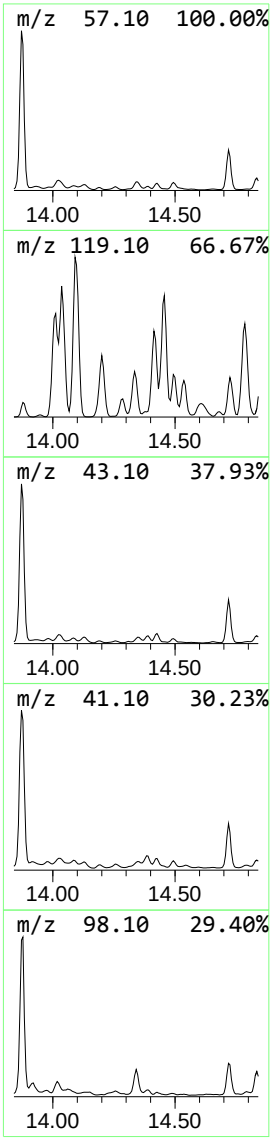
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	23.71 ug/L	2401690	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

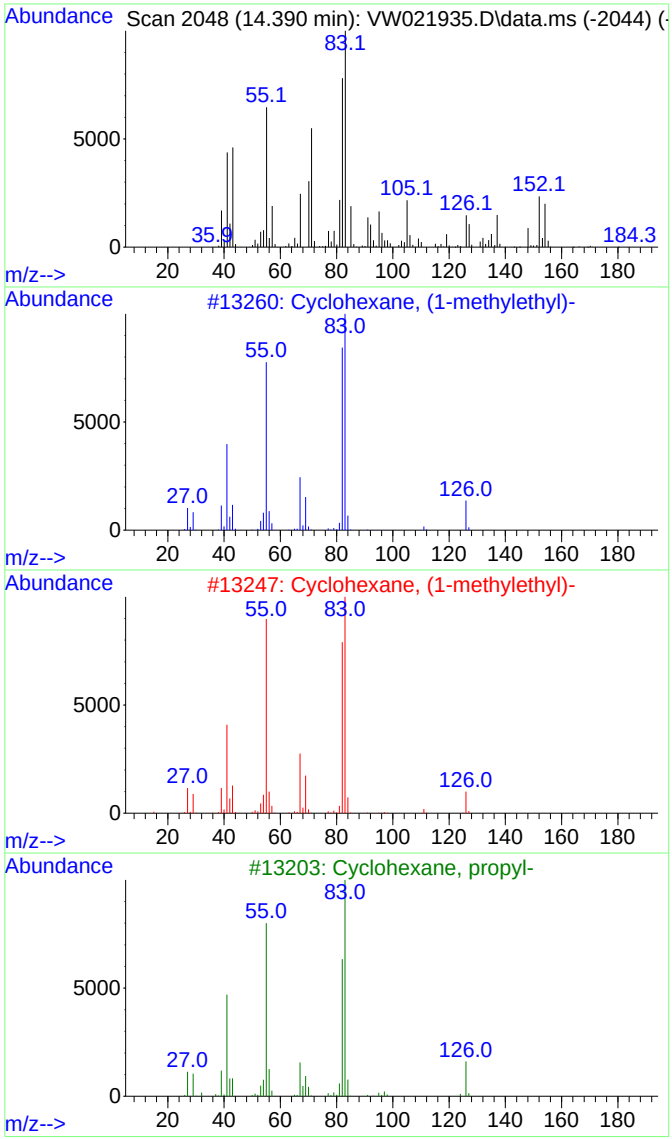
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

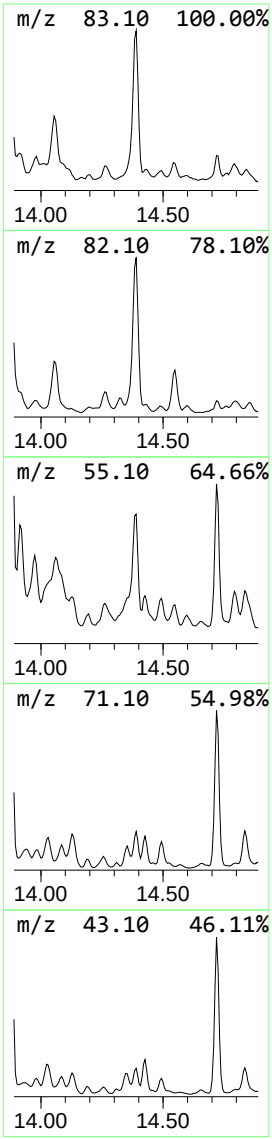
****

Peak Number 48 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	31.41 ug/L	3181370	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

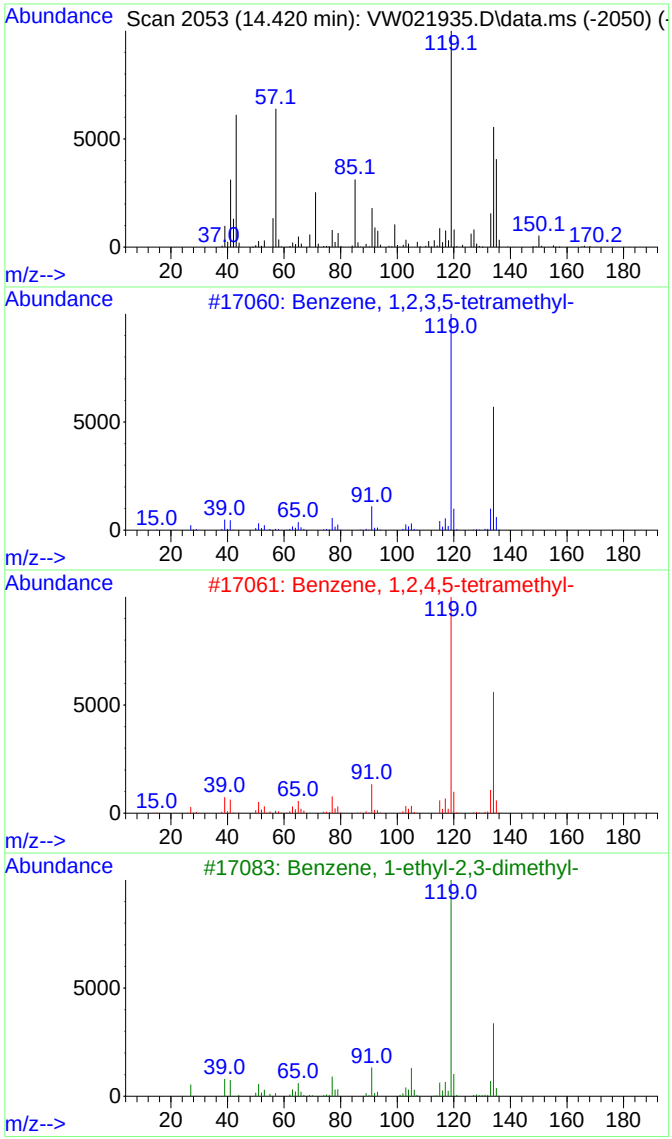
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

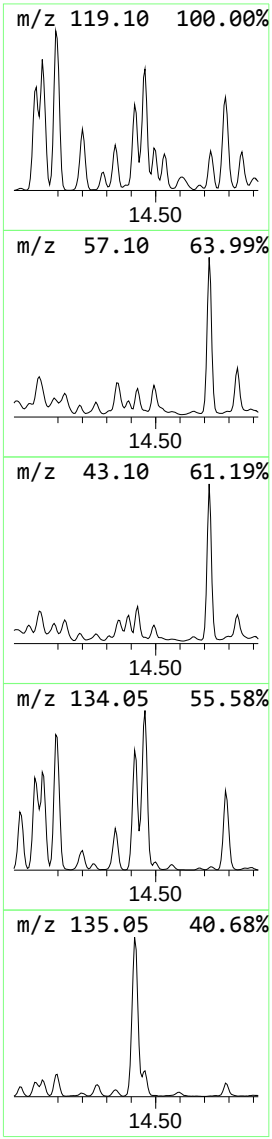
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	28.83 ug/L	2920590	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

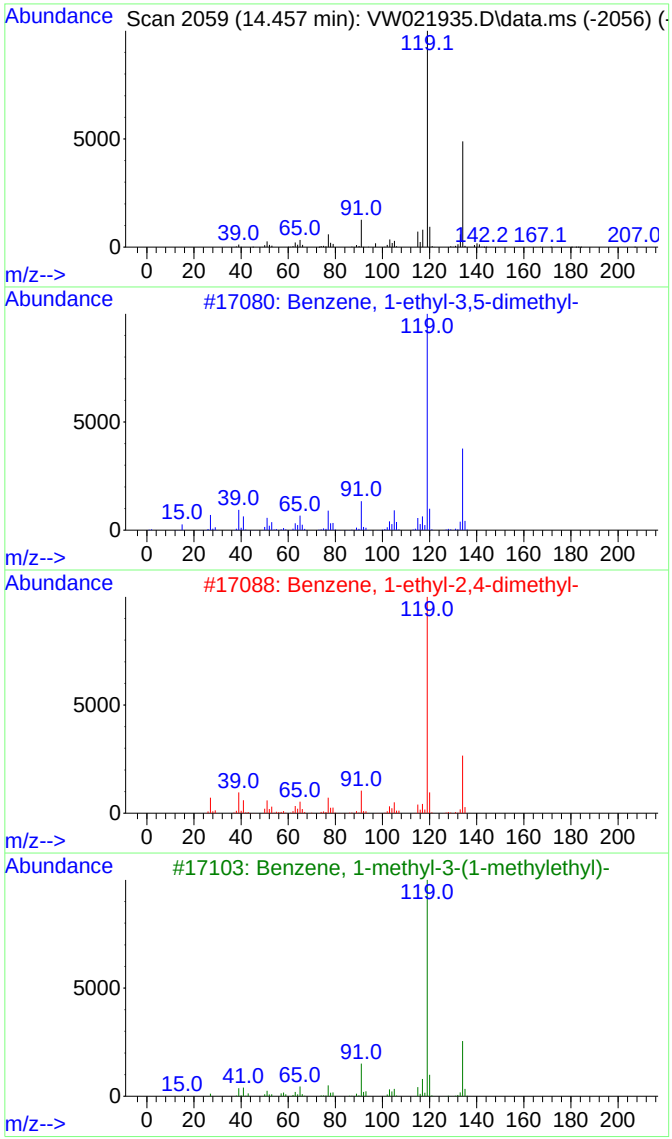
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

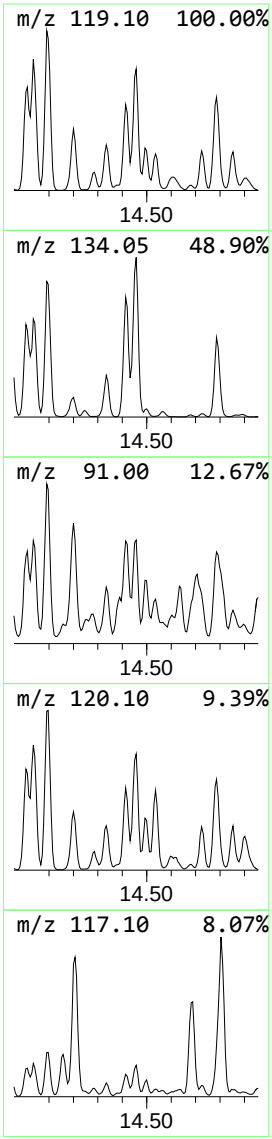
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	15.80 ug/L	1600860	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

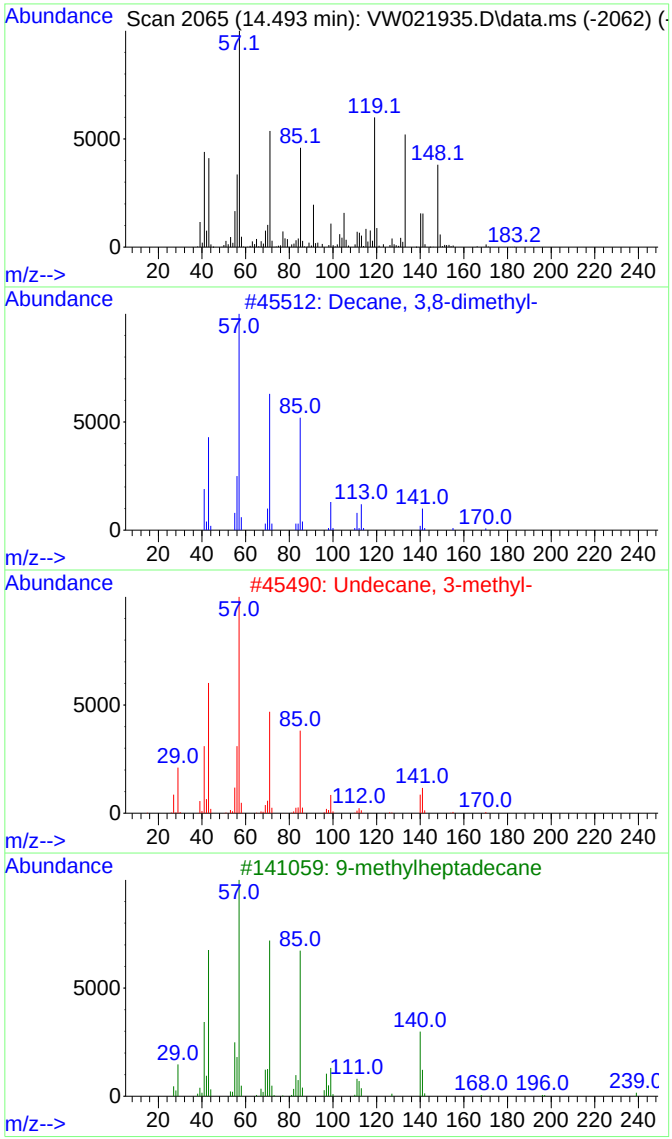
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

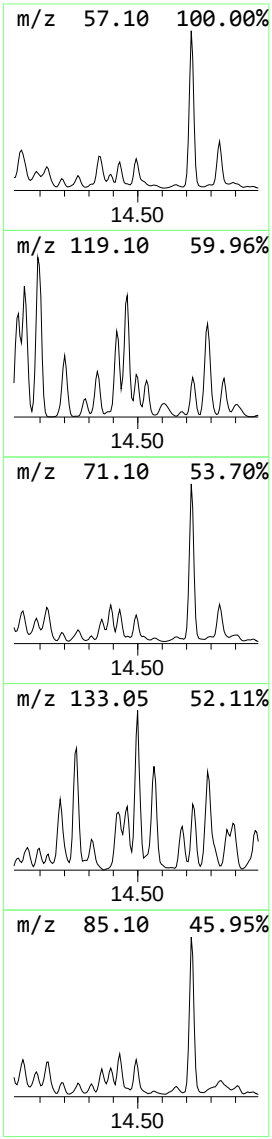
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	18.23 ug/L	1846120	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
3	9-methylheptadecane	254	C18H38	026741-18-4	38
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

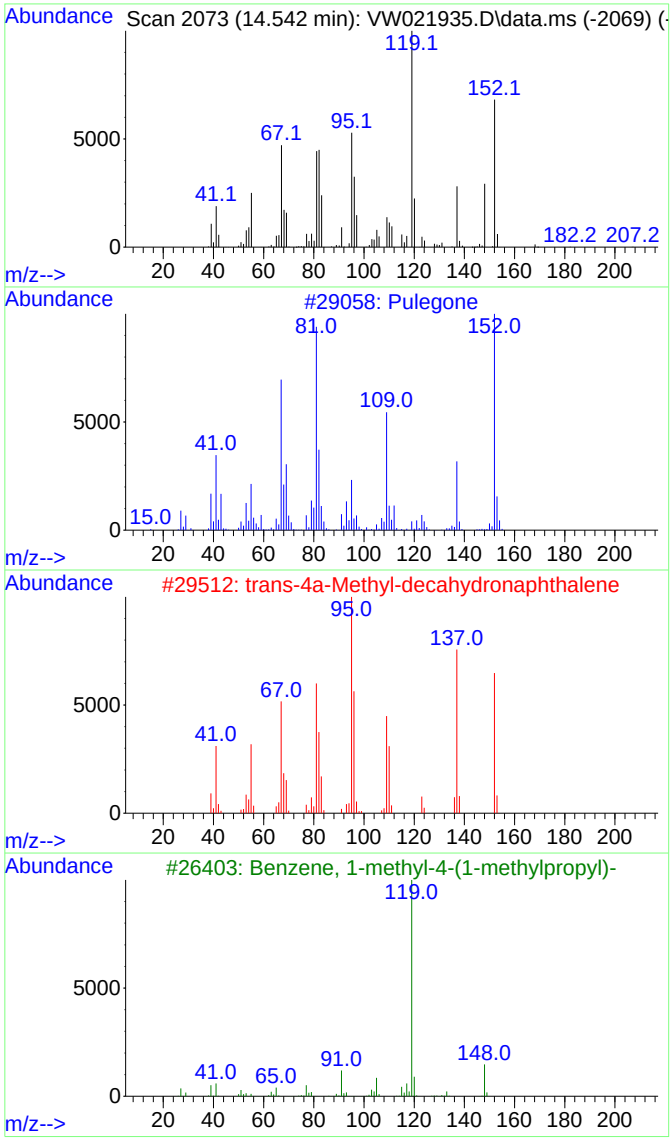
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

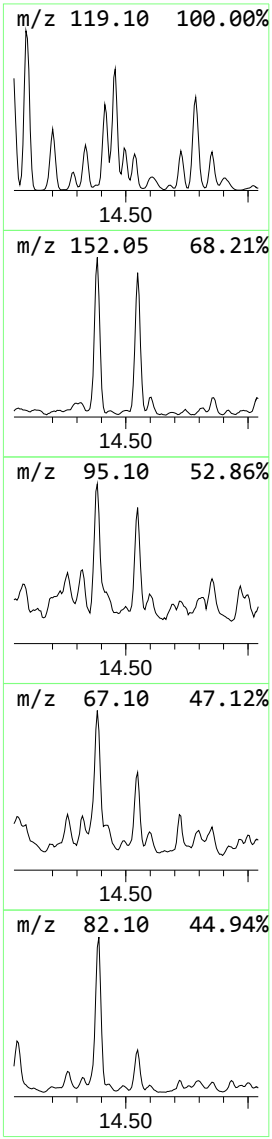
****

Peak Number 52 unknown-03 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	12.60 ug/L	1276150	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pulegone	152	C10H16O	000089-82-7	27
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	22
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	18
4	Karahanaenone	152	C10H16O	1010427-29-1	18
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

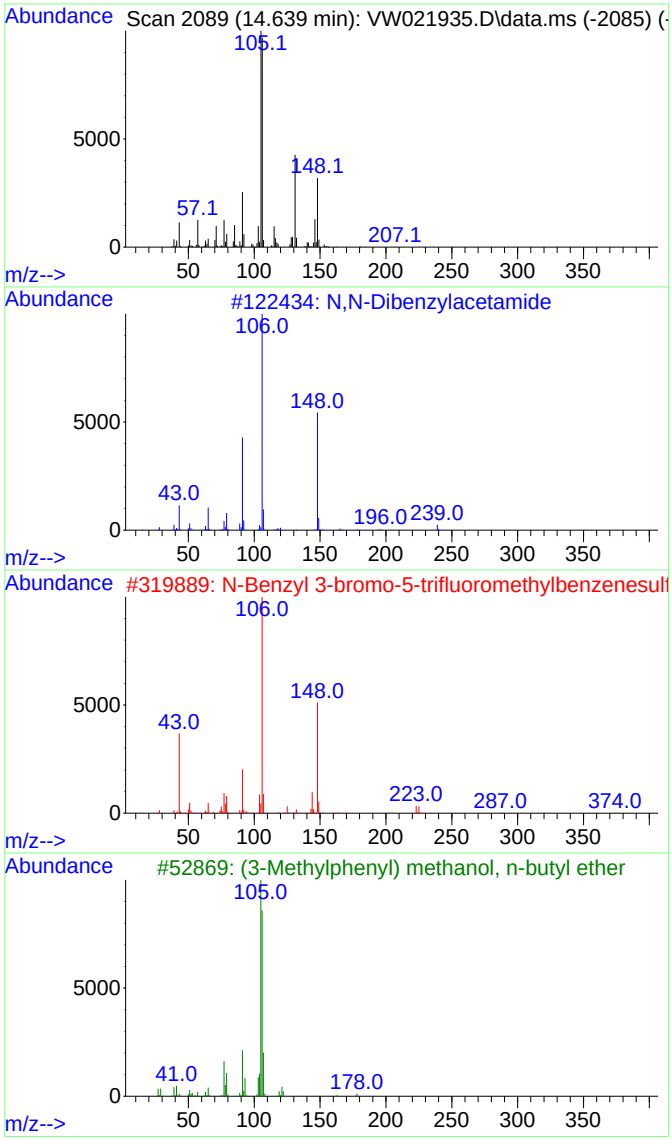
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

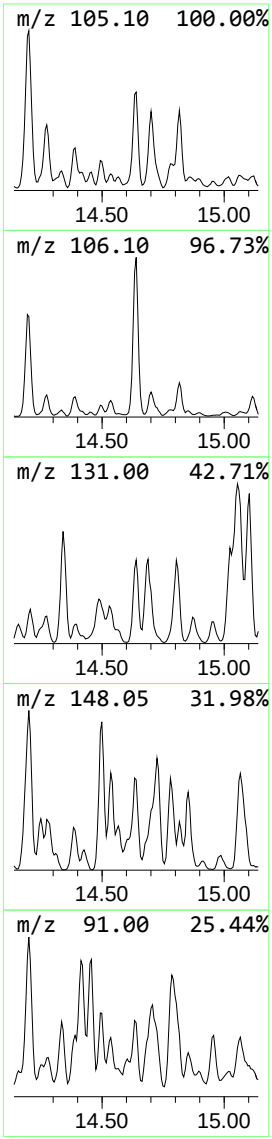
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	4.25 ug/L	430546	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dibenzylacetamide	239	C16H17NO	010479-30-8	38
2	N-Benzyl 3-bromo-5-trifluorometh...	435	C16H13BrF3NO3S	1000503-04-4	37
3	(3-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-44-2	32
4	(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	32
5	(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

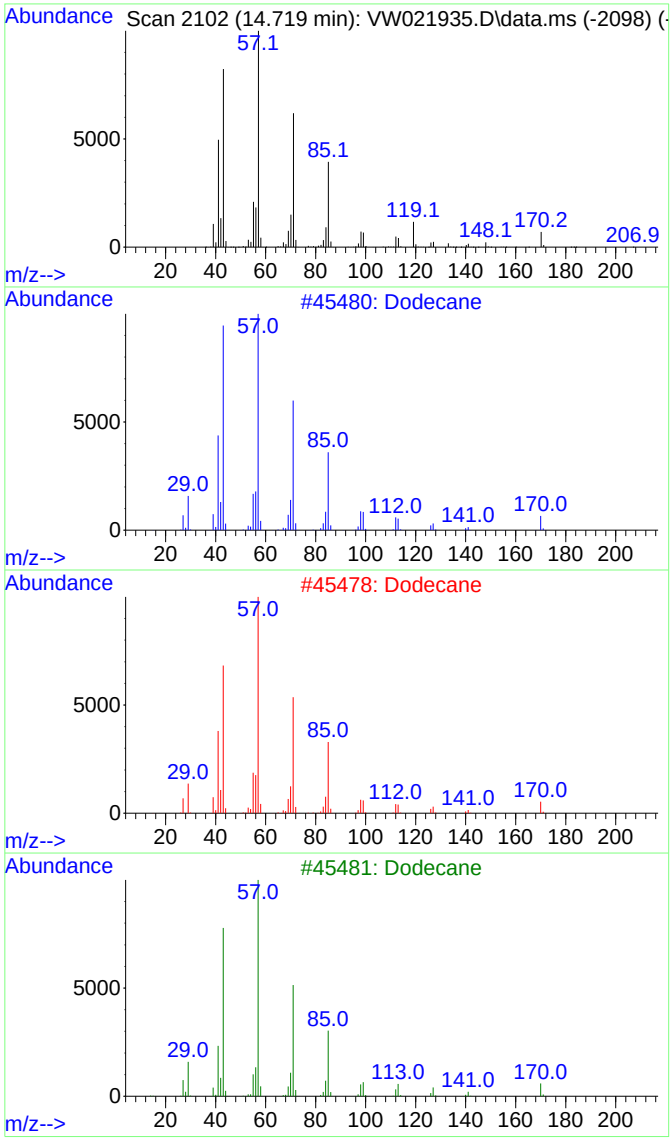
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

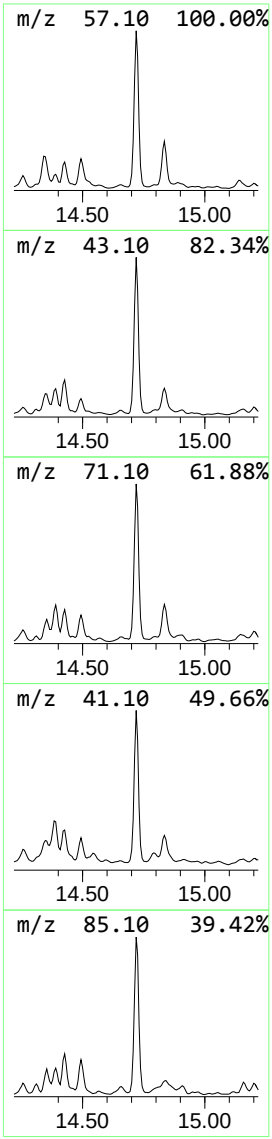
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	66.74 ug/L	6760070	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	93
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

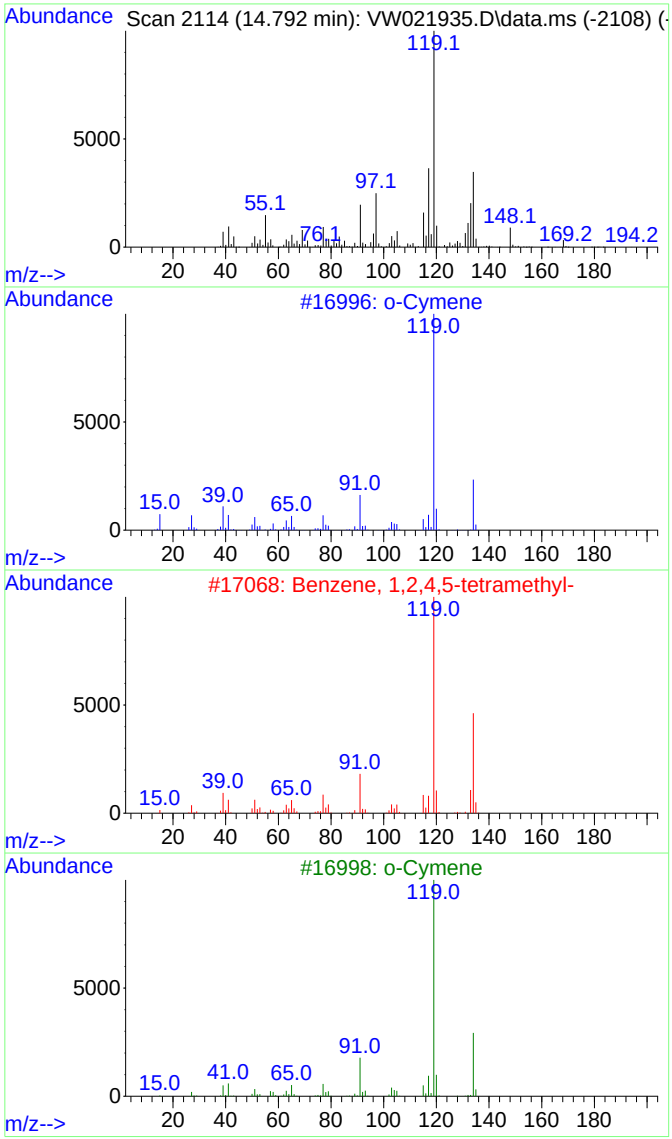
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

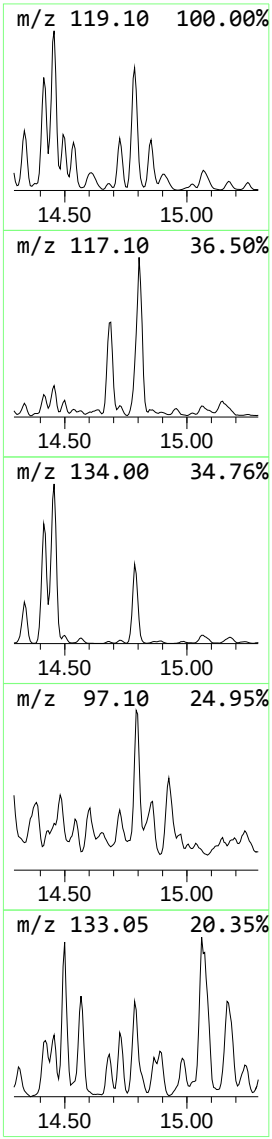
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1-methyl-3-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	30.31 ug/L	3070050	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

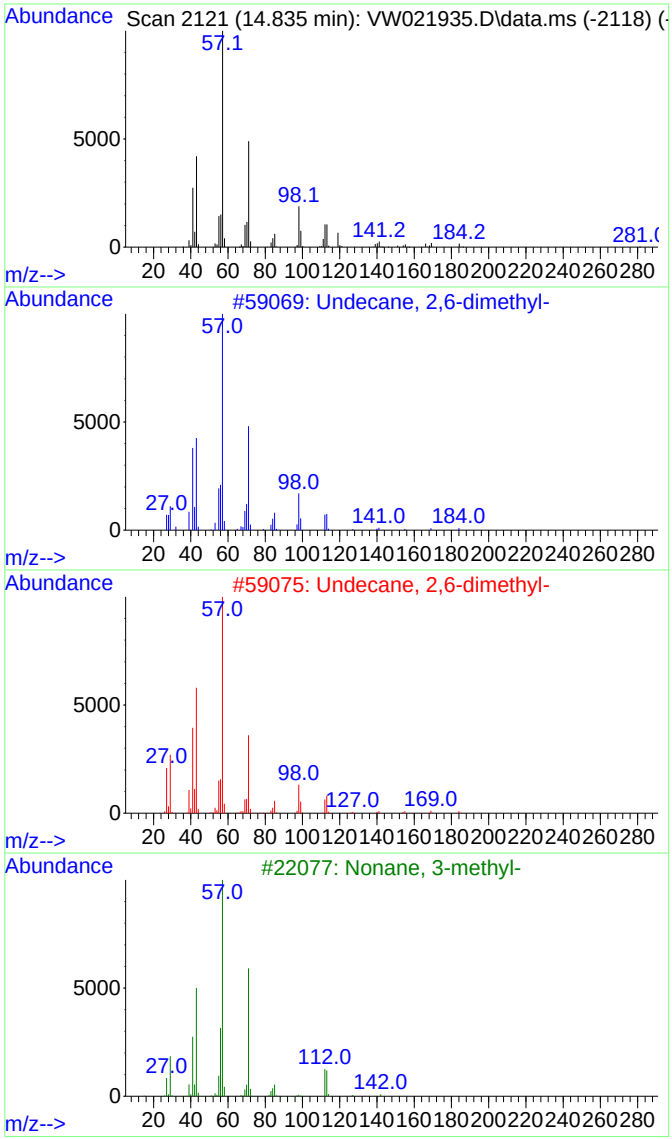
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

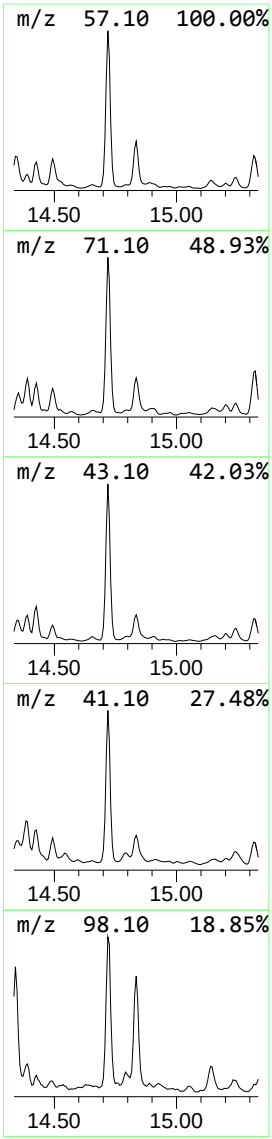
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.835	21.83 ug/L	2211260	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

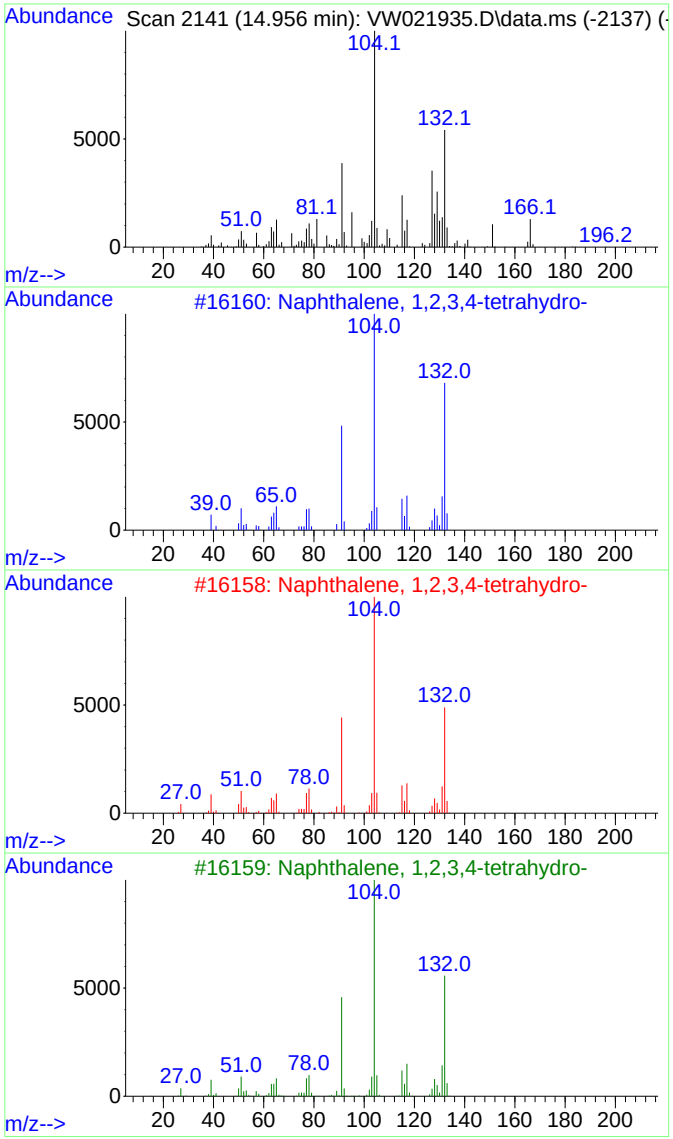
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

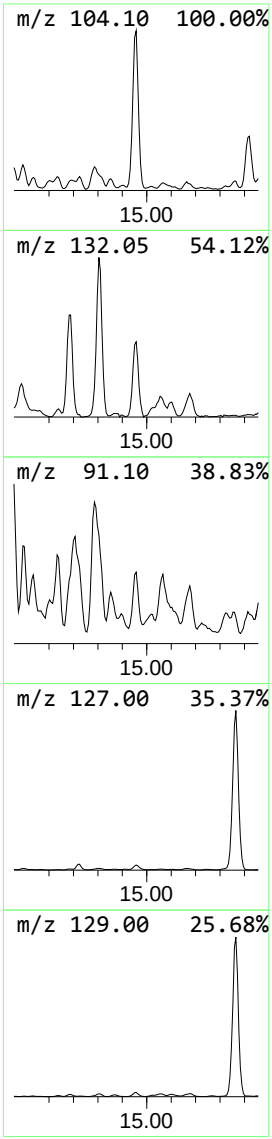
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	5.11 ug/L	517847	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	93
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

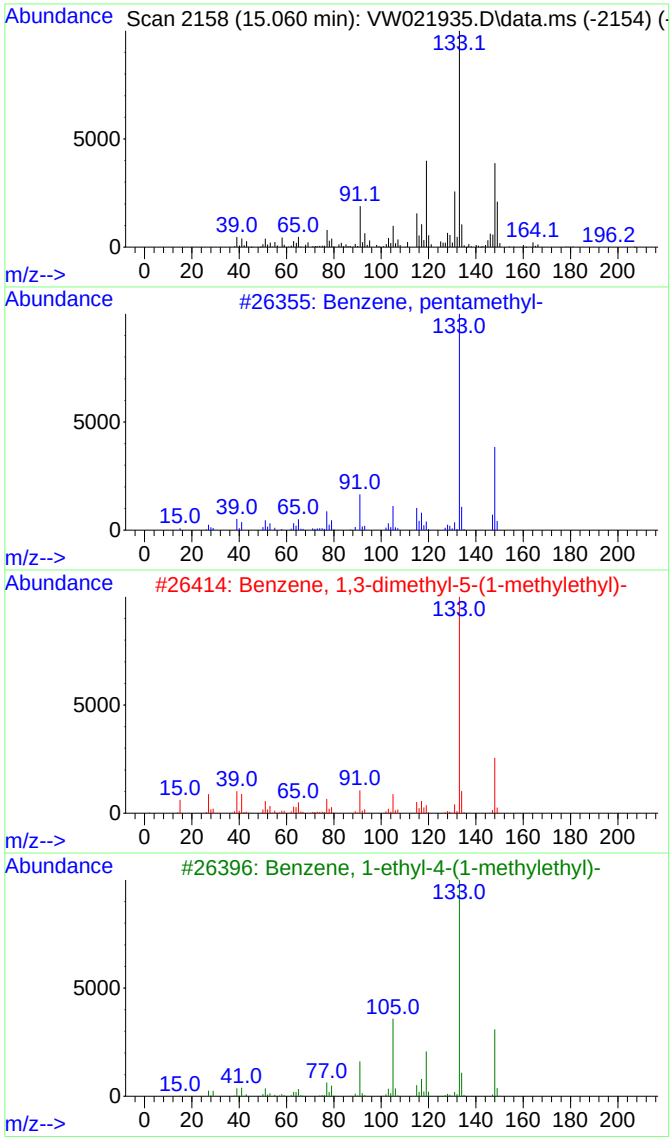
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

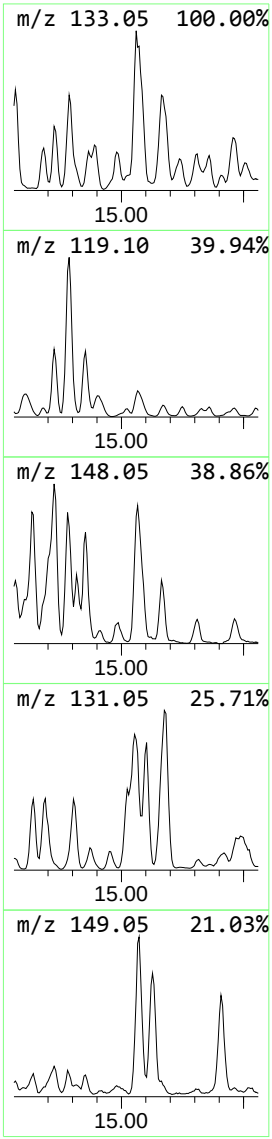
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, pentamethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.30 ug/L	739572	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	52
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

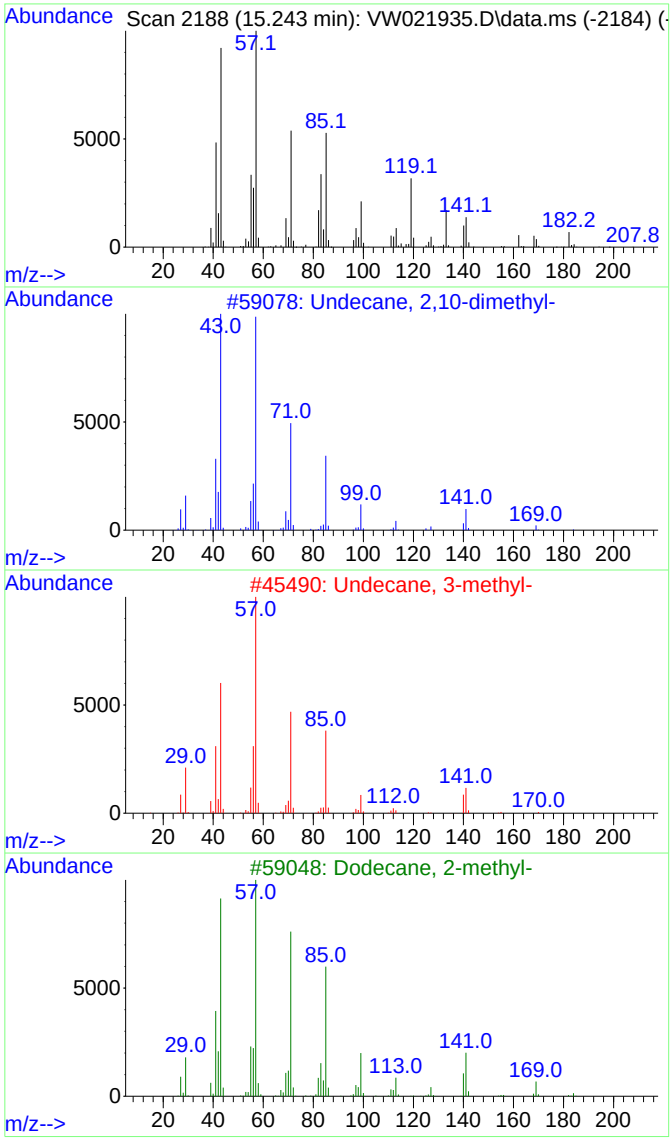
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

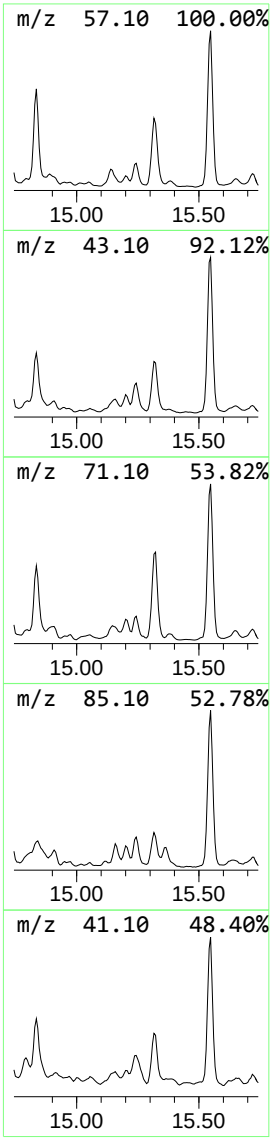
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	12.30 ug/L	1246380	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	62
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	62
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

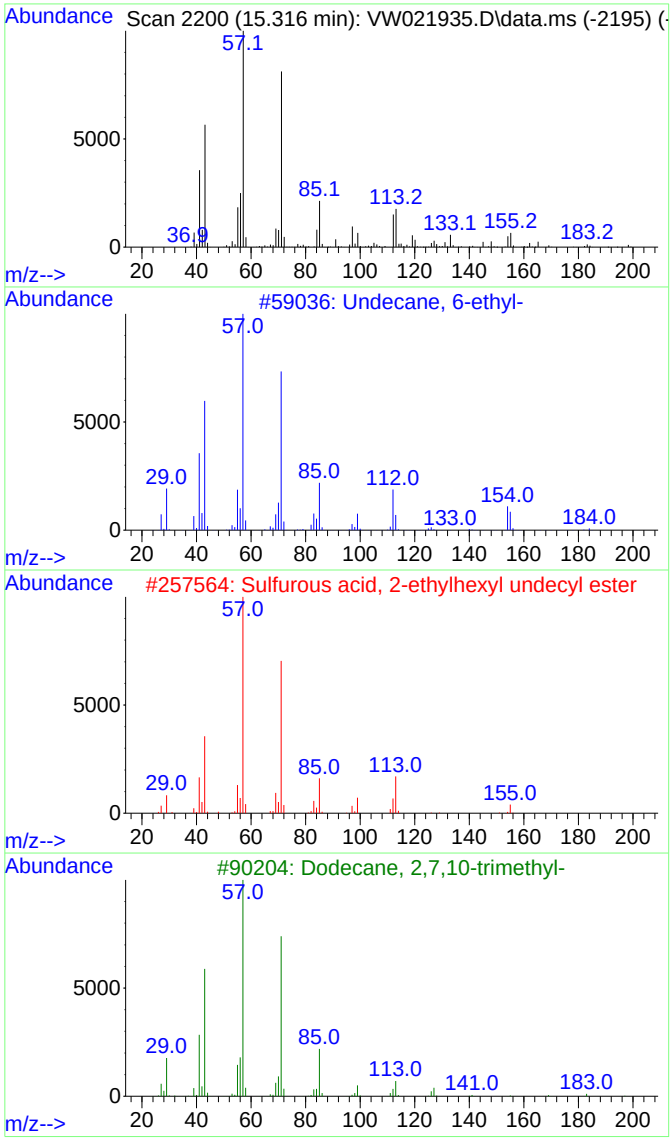
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

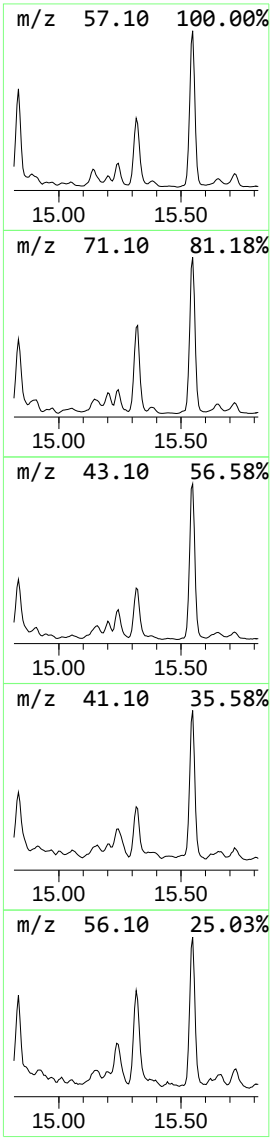
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	17.92 ug/L	1815700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

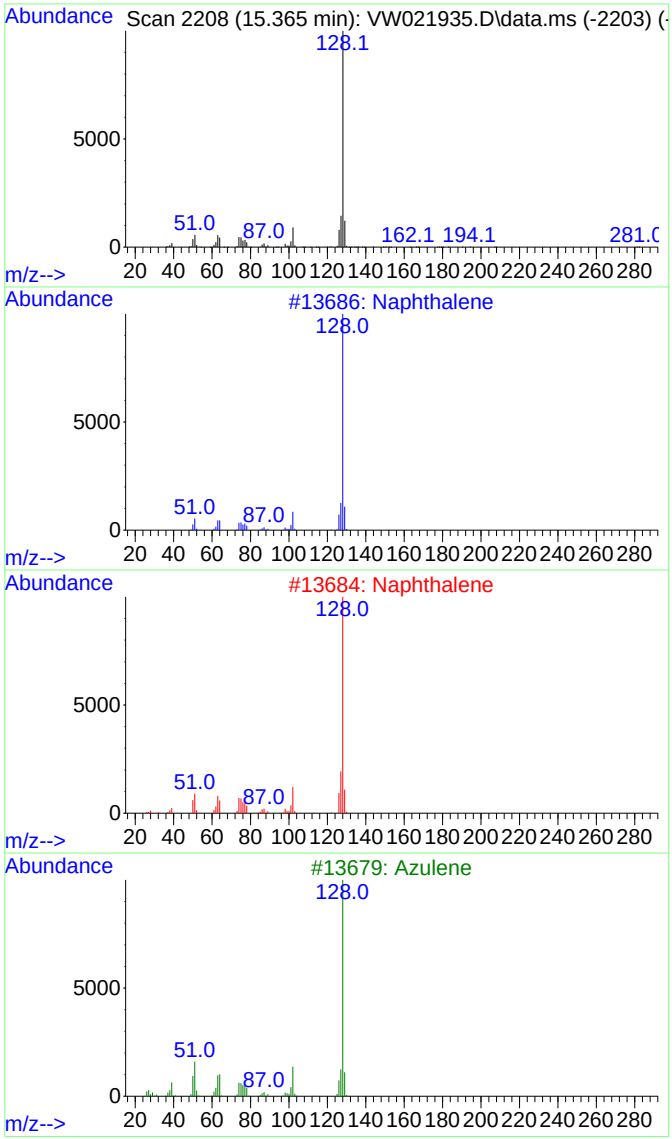
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

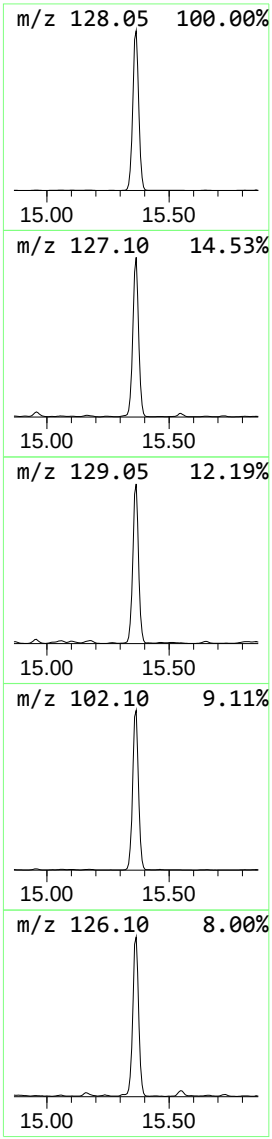
****

Peak Number 62 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	177.72 ug/L	18001900	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\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

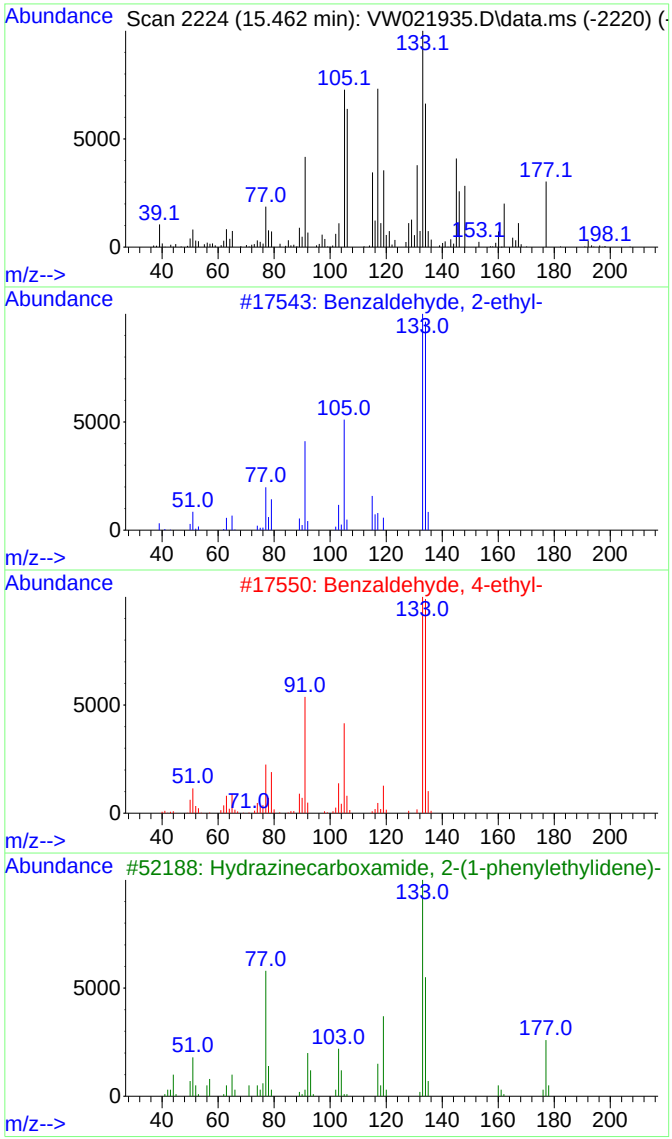
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

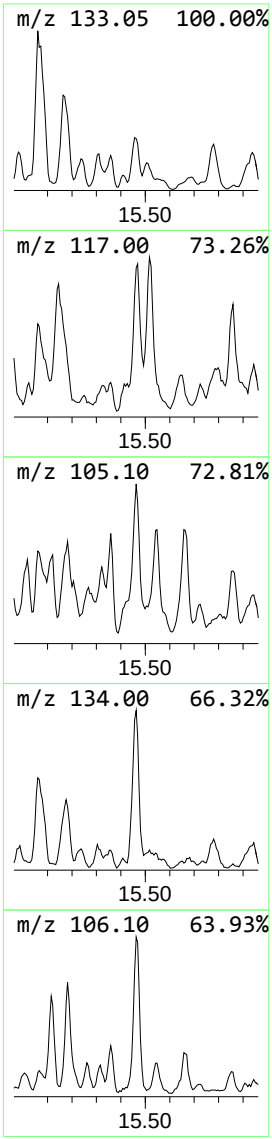
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 unknown-05 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	3.06 ug/L	309945	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	38
2	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	35
3	Hydrazinecarboxamide, 2-(1-pheny...	177	C9H11N3O	002492-30-0	30
4	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	25
5	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

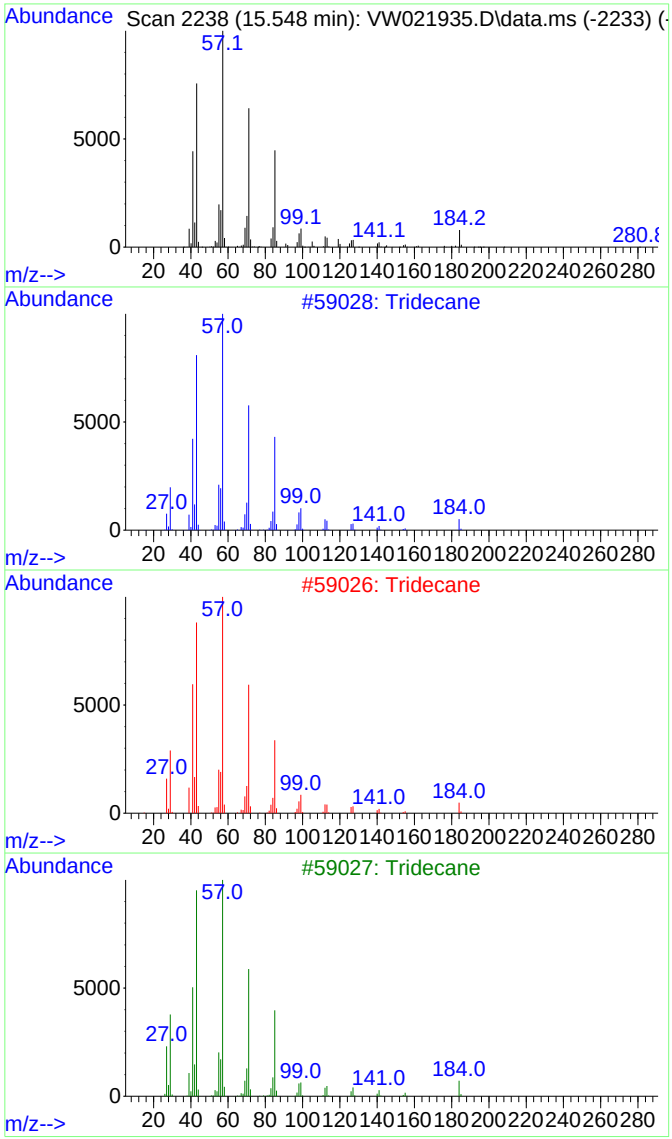
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

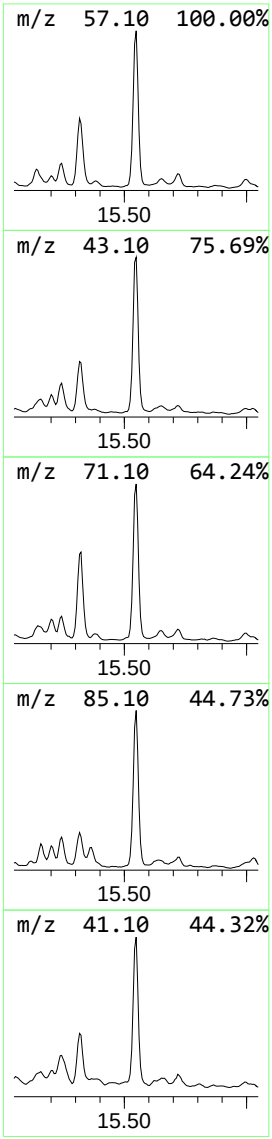
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	38.76 ug/L	3926110	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	95
4	Tridecane	184	C13H28	000629-50-5	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

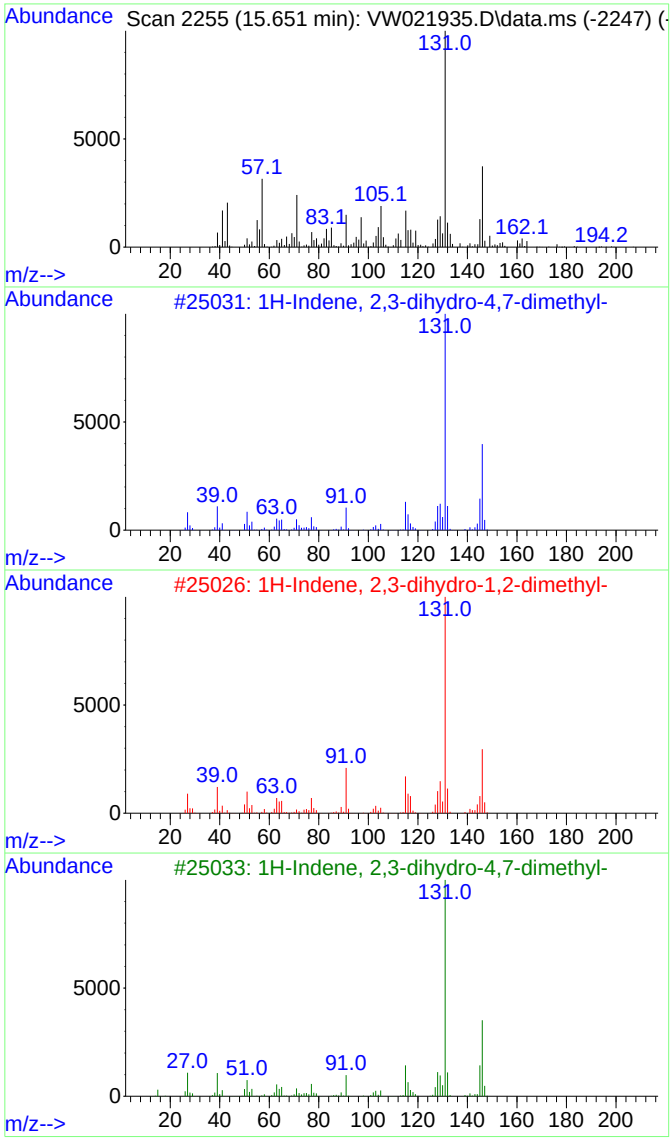
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

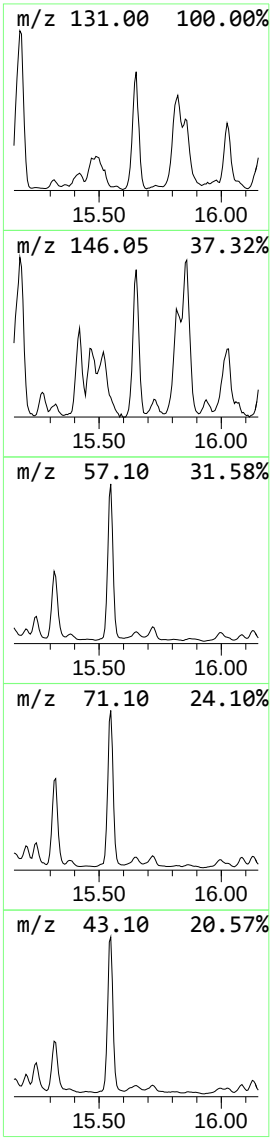
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	10.44 ug/L	1057180	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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

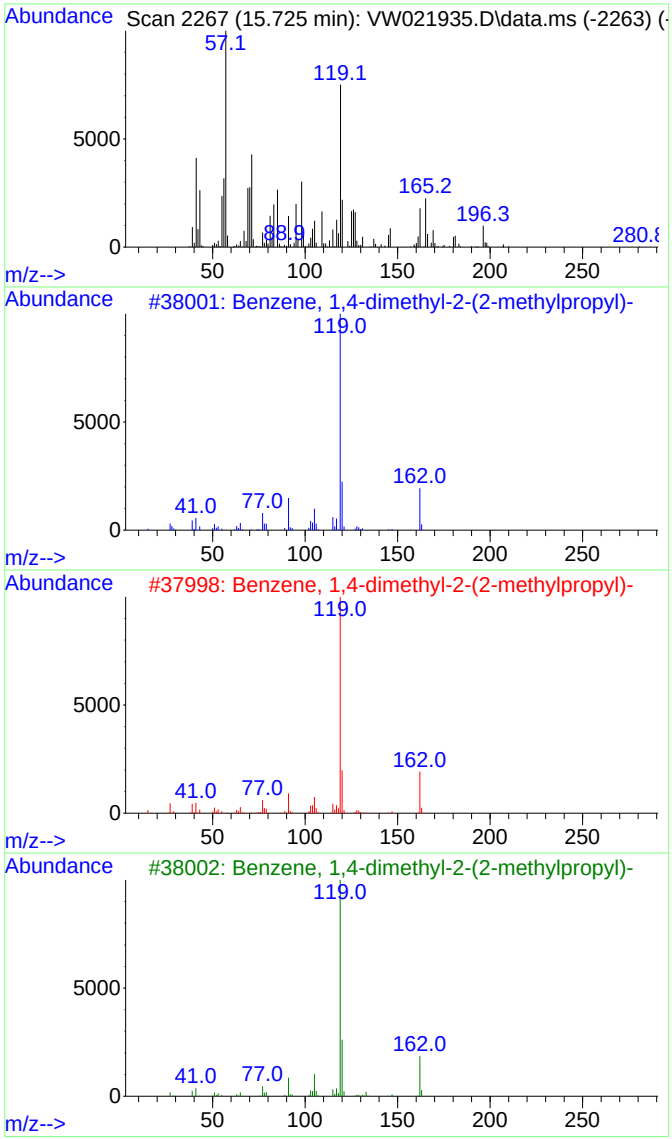
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

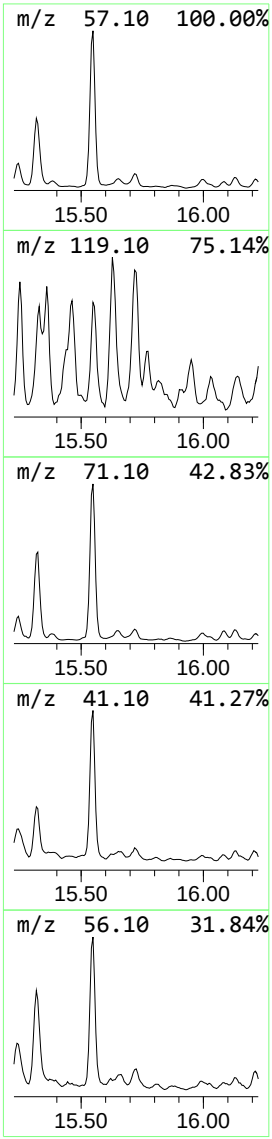
****

Peak Number 66 unknown-06 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	4.69 ug/L	475337	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
4	8,8-Dimethyl-7-methyleneoctahydr...	190	C14H22	1000384-09-6	27
5	3-Pyridinecarbonitrile, 1,6-dihy...	196	C13H12N2	027531-40-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

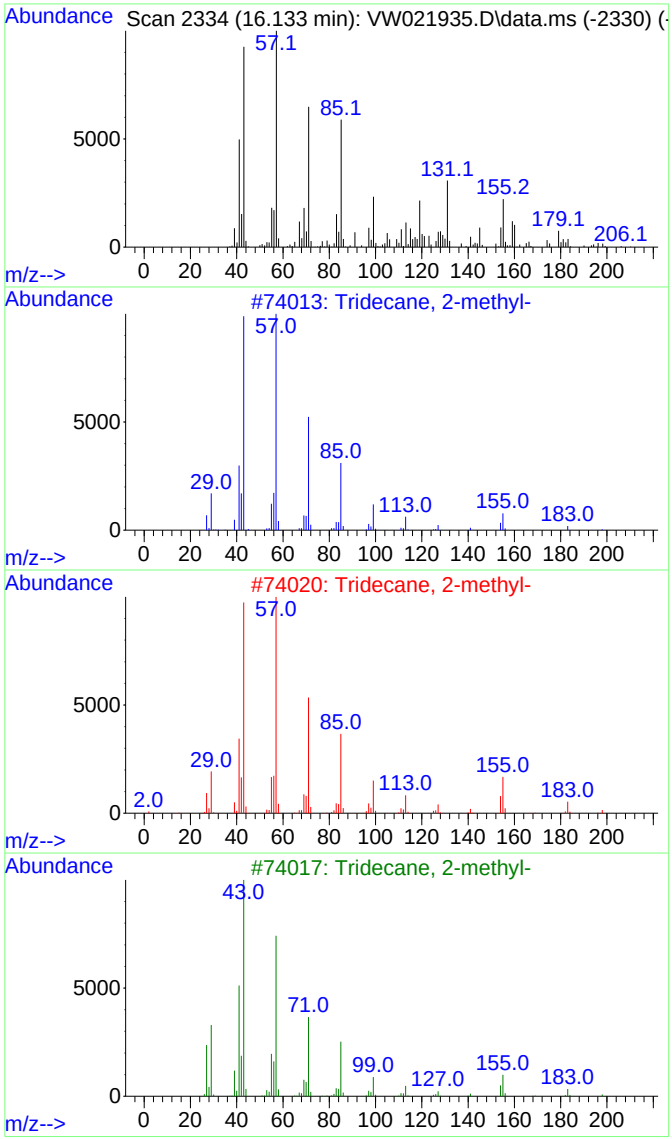
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

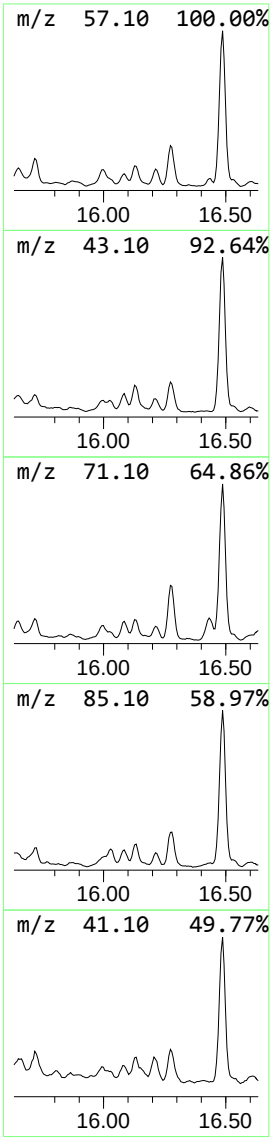
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	2.74 ug/L	277451	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	43
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

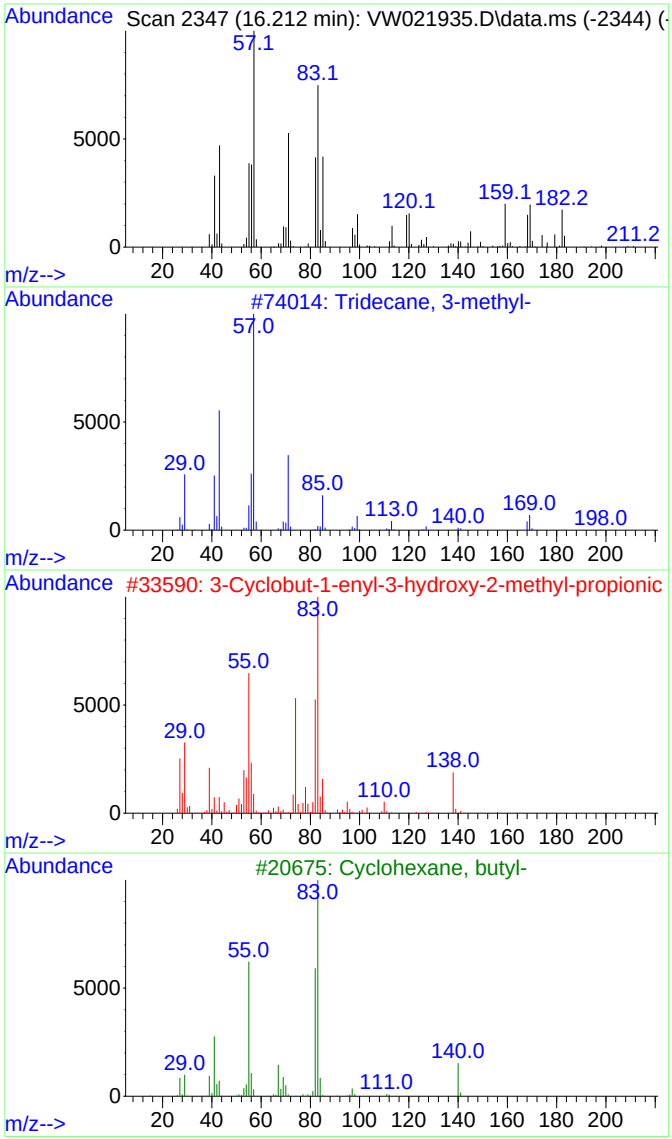
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

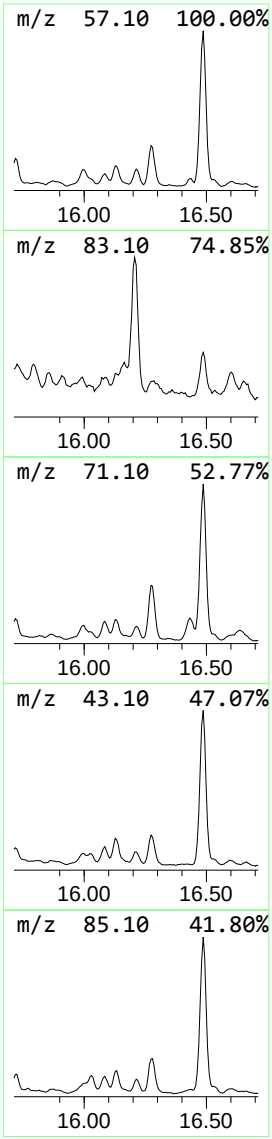
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	3.24 ug/L	328508	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2	3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	35
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	27
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	27
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

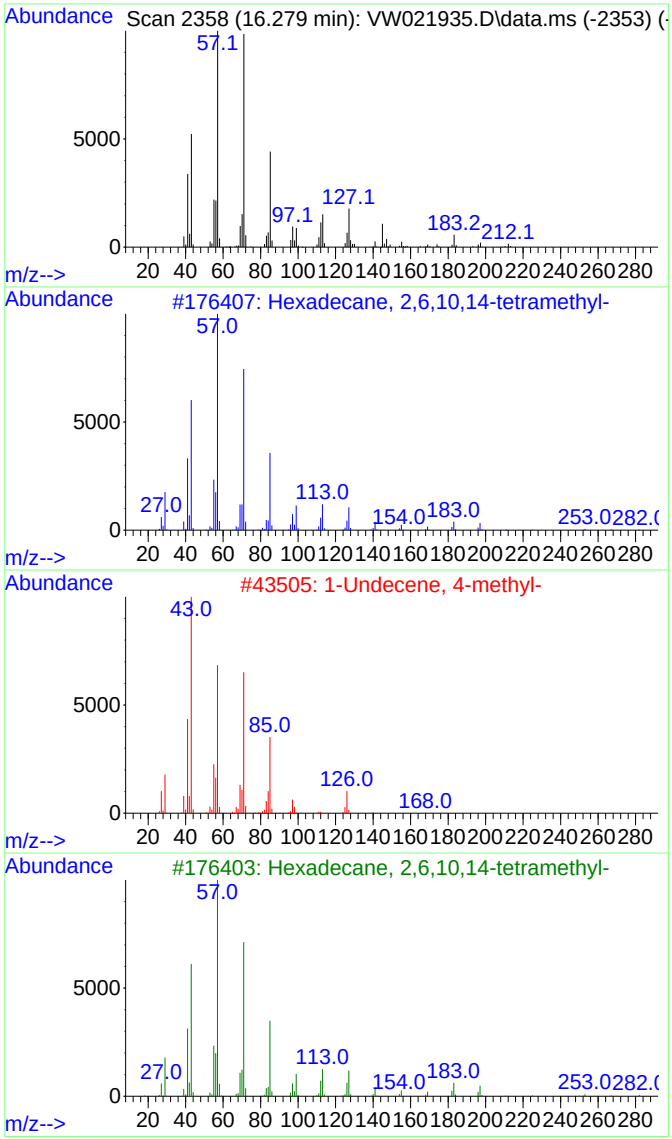
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

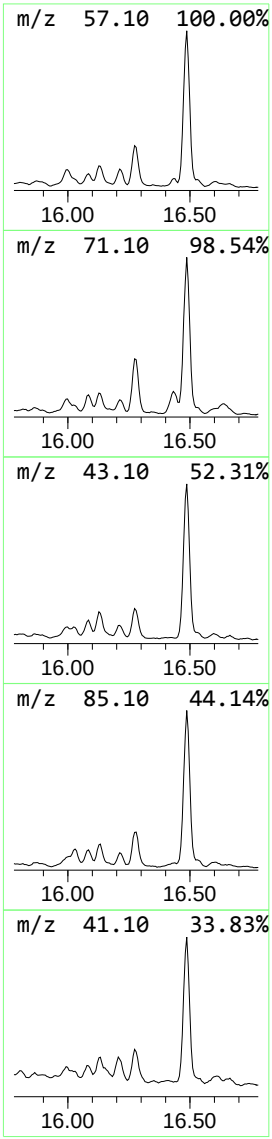
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	5.98 ug/L	605599	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	80
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	62
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

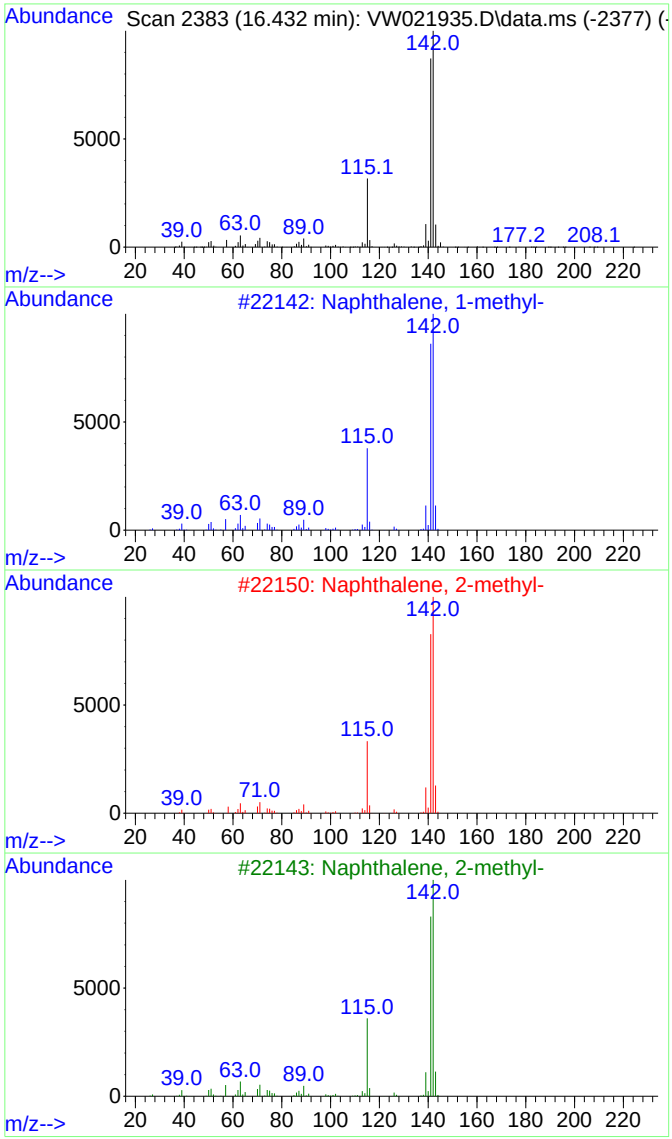
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

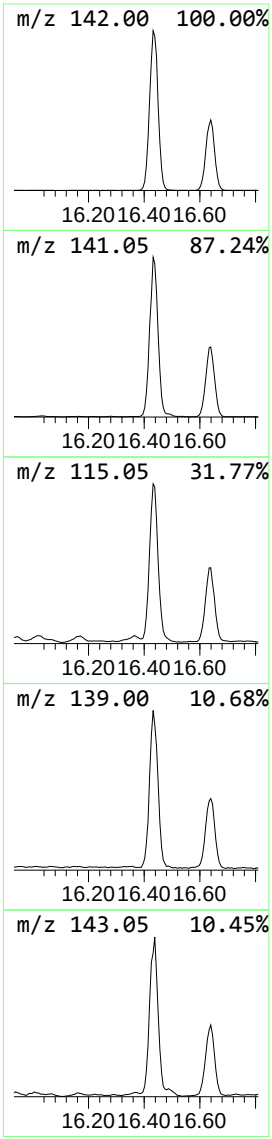
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	35.28 ug/L	3573950	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

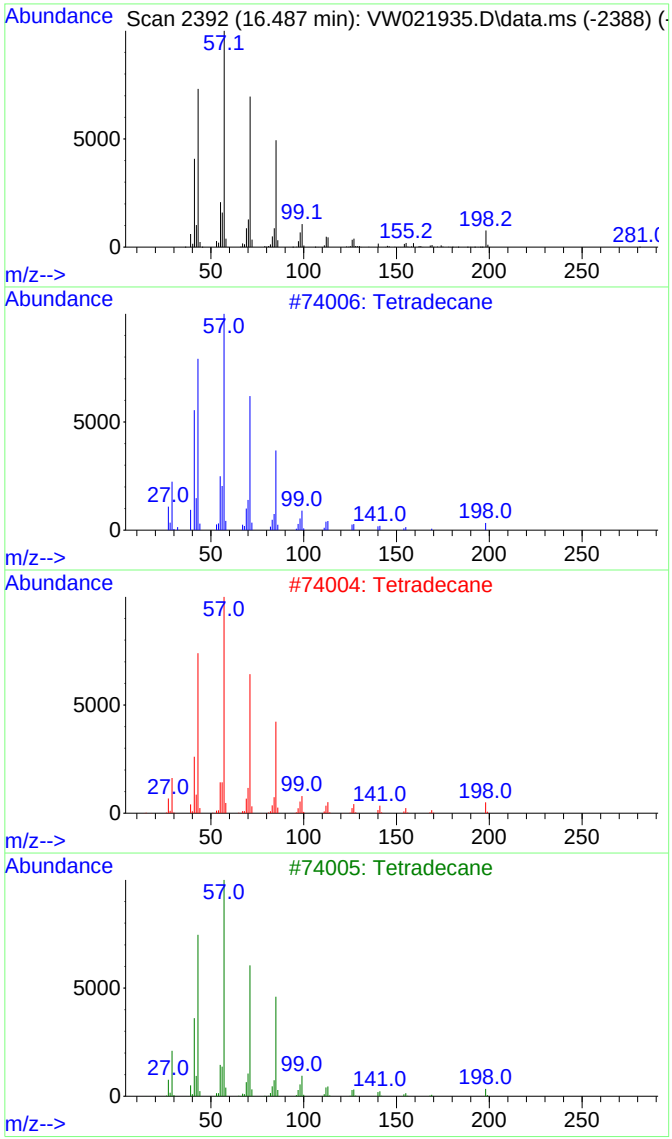
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

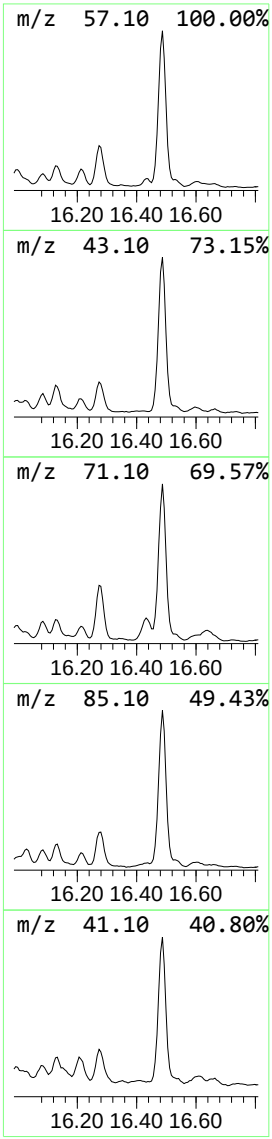
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	22.18 ug/L	2246220	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Tetradecane	198	C14H30	000629-59-4	93
4	Tridecane	184	C13H28	000629-50-5	91
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

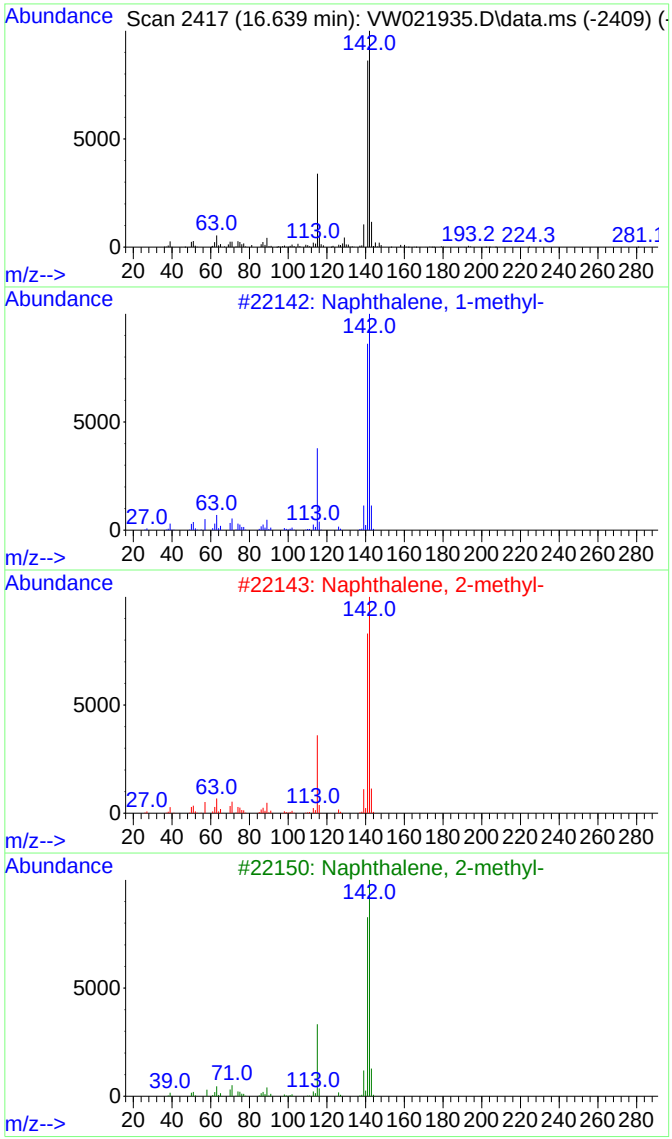
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

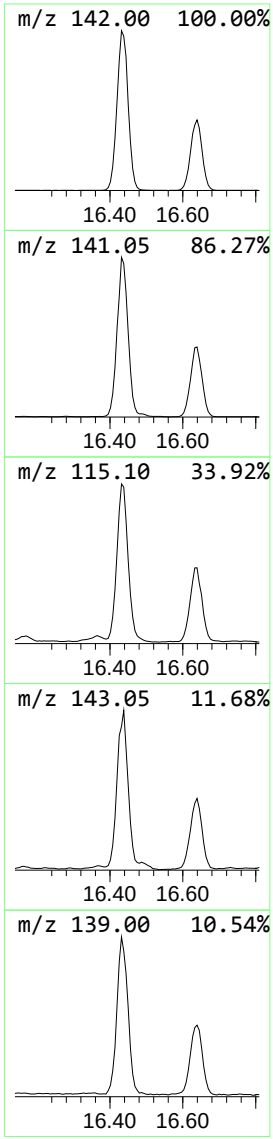
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Naphthalene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	23.20 ug/L	2349810	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021935.D
Acq On : 15 Jan 2022 04:07
Operator : SY/VA
Sample : N1155-01
Misc : 6.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

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...	4.964	36.9	ug/L	331794	1	8.842	225010	25.0
(DEL) Alkane: S...	5.440	29.9	ug/L	269222	1	8.842	225010	25.0
(DEL) Alkane: S...	5.946	53.4	ug/L	480873	1	8.842	225010	25.0
(DEL) Alkane: C...	6.988	49.3	ug/L	444036	1	8.842	225010	25.0
(DEL) Alkane: S...	8.159	41.6	ug/L	374646	1	8.842	225010	25.0
(DEL) Alkane: S...	8.482	15.1	ug/L	136216	1	8.842	225010	25.0
(DEL) Alkane: S...	8.695	47.3	ug/L	425947	1	8.842	225010	25.0
(DEL) Alkane: S...	9.896	18.9	ug/L	169919	1	8.842	225010	25.0
(DEL) Alkane: S...	9.957	26.6	ug/L	239655	1	8.842	225010	25.0
(DEL) Alkane: S...	10.098	42.0	ug/L	378141	1	8.842	225010	25.0
(DEL) Alkane: S...	10.506	29.1	ug/L	522757	2	11.634	448351	25.0
(DEL) Alkane: C...	10.762	12.6	ug/L	225248	2	11.634	448351	25.0
2-Pyrazoline, 1...	11.000	10.0	ug/L	178784	2	11.634	448351	25.0
(DEL) Alkane: S...	11.030	13.4	ug/L	239593	2	11.634	448351	25.0
(DEL) Alkane: C...	11.110	8.4	ug/L	150041	2	11.634	448351	25.0
(DEL) Alkane: C...	11.183	23.4	ug/L	419614	2	11.634	448351	25.0
1-Aminocyclopro...	11.226	19.6	ug/L	351960	2	11.634	448351	25.0
(DEL) Alkane: C...	11.274	25.1	ug/L	450401	2	11.634	448351	25.0
(DEL) Alkane: S...	11.335	23.9	ug/L	428487	2	11.634	448351	25.0
(DEL) Alkane: S...	11.408	107.9	ug/L	1935800	2	11.634	448351	25.0
(DEL) Alkane: S...	11.512	60.4	ug/L	1083010	2	11.634	448351	25.0
(DEL) Alkane: C...	11.921	19.0	ug/L	340222	2	11.634	448351	25.0
(DEL) Alkane: S...	12.061	34.3	ug/L	615861	2	11.634	448351	25.0
(DEL) Alkane: S...	12.250	92.1	ug/L	1650940	2	11.634	448351	25.0
(DEL) Alkane: S...	12.335	87.8	ug/L	1573990	2	11.634	448351	25.0
unknown-01	12.366	92.3	ug/L	1654540	2	11.634	448351	25.0
(DEL) Alkane: S...	12.542	103.9	ug/L	1862700	2	11.634	448351	25.0
(DEL) Alkane: S...	12.567	194.5	ug/L	3488350	2	11.634	448351	25.0
Benzene, propyl-	12.798	38.7	ug/L	3922210	3	13.554	2532380	25.0
Benzene, 1-ethy...	12.865	107.8	ug/L	10925000	3	13.554	2532380	25.0
Ethanone, 1-(1-...	12.993	10.3	ug/L	1039140	3	13.554	2532380	25.0
Benzene, 1-ethy...	13.103	70.1	ug/L	7099790	3	13.554	2532380	25.0
(DEL) Alkane: S...	13.164	47.4	ug/L	4800700	3	13.554	2532380	25.0
(DEL) Alkane: S...	13.341	9.9	ug/L	1007110	3	13.554	2532380	25.0
Oxalic acid, 6-...	13.408	10.7	ug/L	1078310	3	13.554	2532380	25.0
o-Cymene	13.445	31.4	ug/L	3178910	3	13.554	2532380	25.0
(DEL) Alkane: S...	13.481	34.9	ug/L	3534790	3	13.554	2532380	25.0
(DEL) Alkane: S...	13.621	31.8	ug/L	3218340	3	13.554	2532380	25.0
Benzene, 1,3-di...	13.713	10.3	ug/L	1046160	3	13.554	2532380	25.0
Benzene, 1-ethe...	13.756	47.1	ug/L	4770490	3	13.554	2532380	25.0
Benzene, 1-ethy...	13.786	35.4	ug/L	3583690	3	13.554	2532380	25.0
Indene	13.938	35.9	ug/L	3636420	3	13.554	2532380	25.0
Benzene, 4-ethy...	14.091	23.0	ug/L	2330600	3	13.554	2532380	25.0
p-Cymene	14.201	21.8	ug/L	2208420	3	13.554	2532380	25.0
(DEL) Alkane: S...	14.255	13.5	ug/L	1369490	3	13.554	2532380	25.0
Benzene, 1,2,4,...	14.341	23.7	ug/L	2401690	3	13.554	2532380	25.0
unknown-02	14.390	31.4	ug/L	3181370	3	13.554	2532380	25.0
Benzene, 1,2,3,...	14.420	28.8	ug/L	2920590	3	13.554	2532380	25.0
Benzene, 1-ethy...	14.457	15.8	ug/L	1600860	3	13.554	2532380	25.0
(DEL) Alkane: S...	14.493	18.2	ug/L	1846120	3	13.554	2532380	25.0
unknown-03	14.542	12.6	ug/L	1276150	3	13.554	2532380	25.0
unknown-04	14.640	4.3	ug/L	430546	3	13.554	2532380	25.0

(DEL) Alkane: S...	14.719	66.7	ug/L	6760070	3	13.554	2532380	25.0
Benzene, 1-meth...	14.792	30.3	ug/L	3070050	3	13.554	2532380	25.0
(DEL) Alkane: S...	14.835	21.8	ug/L	2211260	3	13.554	2532380	25.0
Naphthalene, 1,...	14.957	5.1	ug/L	517847	3	13.554	2532380	25.0
Benzene, pentam...	15.060	7.3	ug/L	739572	3	13.554	2532380	25.0
(DEL) Alkane: S...	15.243	12.3	ug/L	1246380	3	13.554	2532380	25.0
(DEL) Alkane: S...	15.316	17.9	ug/L	1815700	3	13.554	2532380	25.0
Azulene	15.365	177.7	ug/L	18001900	3	13.554	2532380	25.0
unknown-05	15.463	3.1	ug/L	309945	3	13.554	2532380	25.0
(DEL) Alkane: S...	15.548	38.8	ug/L	3926110	3	13.554	2532380	25.0
1H-Indene, 2,3-...	15.652	10.4	ug/L	1057180	3	13.554	2532380	25.0
unknown-06	15.725	4.7	ug/L	475337	3	13.554	2532380	25.0
(DEL) Alkane: S...	16.133	2.7	ug/L	277451	3	13.554	2532380	25.0
(DEL) Alkane: S...	16.212	3.2	ug/L	328508	3	13.554	2532380	25.0
(DEL) Alkane: S...	16.279	6.0	ug/L	605599	3	13.554	2532380	25.0
Naphthalene, 1-...	16.432	35.3	ug/L	3573950	3	13.554	2532380	25.0
(DEL) Alkane: S...	16.487	22.2	ug/L	2246220	3	13.554	2532380	25.0
Naphthalene, 2-...	16.639	23.2	ug/L	2349810	3	13.554	2532380	25.0

Instrument :
MSVOA_W
ClientSampleId :
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