LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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: VW021936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	63	74	83	rBV	47909	96416	0.54%	0.054%
2	4.019	334	347	357	rBV2	57156	168903	0.95%	0.094%
3	4.964	479	502	529	rBV2	48932	219190	1.23%	0.122%
4	5.440	565	580	594	rBV3	49701	173958	0.98%	0.097%
5	5.946	649	663	678	rVB	107471	318849	1.79%	0.177%
6	6.988	825	834	843	rVV	101281	297864	1.67%	0.166%
7	7.653	932	943	960	rBV	77923	231107	1.30%	0.129%
8	7.933	979	989	1000	rVV4	82317	324126	1.82%	0.180%
9	8.031	1000	1005	1016	rVB	35401	91075	0.51%	0.051%
10	8.159	1016	1026	1034	rBV	139800	327025	1.84%	0.182%
11	8.323	1038	1053	1063	rVB	1135559	2792255	15.70%	1.553%
12	8.482	1074	1079	1088	rVV3	36444	126610	0.71%	0.070%
13	8.695	1105	1114	1123	rBV	173550	346075	1.95%	0.192%
14	8.842	1130	1138	1146	rBV	138796	286227	1.61%	0.159%
15	9.073	1168	1176	1186	rBV3	60805	161221	0.91%	0.090%
16	9.274	1202	1209	1213	rVV	97302	214288	1.20%	0.119%
17	9.335	1213	1219	1224	rVV2	164539	389713	2.19%	0.217%
18	9.402	1224	1230	1239	rVB3	51405	130906	0.74%	0.073%
19	9.896	1305	1311	1316	rBV2	67863	118858	0.67%	0.066%
20	9.957	1316	1321	1324	rBV	73198	122558	0.69%	0.068%
21	10.097	1338	1344	1357	rVB	88120	210780	1.19%	0.117%
22	10.250	1364	1369	1375	rVB2	111214	193309	1.09%	0.108%
23	10.323	1375	1381	1385	rBV	200855	367586	2.07%	0.204%
24	10.384	1385	1391	1404	rVB	1422219	2623004	14.75%	1.459%
25	10.506	1404	1411	1418	rVB2	148516	277436	1.56%	0.154%
26	10.762	1444	1453	1459	rBV5	47691	136987	0.77%	0.076%
27	10.847	1462	1467	1473	rVB3	63617	128961	0.73%	0.072%
28	10.927	1473	1480	1486	rBV4	114952	278975	1.57%	0.155%
29	11.000	1487	1492	1494	rBV	50937	87074	0.49%	0.048%
30	11.030	1494	1497	1500	rVV2	67331	106545	0.60%	0.059%
31	11.067	1500	1503	1507	rVB	112727	154089	0.87%	0.086%
32	11.183	1518	1522	1526	rVV3	130903	279602	1.57%	0.156%
33	11.225	1526	1529	1533	rVV3	123468	241634	1.36%	0.134%
34	11.274	1533	1537	1543	rVV2	115079	287791	1.62%	0.160%
35	11.335	1543	1547	1551	rVV2	149520	291075	1.64%	0.162%
36	11.408	1551	1559	1570	rVV3	345380	1140210	6.41%	0.634%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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	11.512	1570	1576	1587	rVB2	318799	658761	3.70%	0.366%
38	11.634	1591	1596	1601	rVV2	120678	229239	1.29%	0.127%
39	11.731	1603	1612	1621	rVB	3896877	6409687	36.04%	3.565%
40	11.835	1621	1629	1640	rBV	10247275	17784171	100.00%	9.891%
41	11.914	1640	1642	1647	rVB2	112123	159199	0.90%	0.089%
42	12.061	1661	1666	1671	rVB3	166614	303779	1.71%	0.169%
43	12.164	1671	1683	1690	rBV	4812846	8434979	47.43%	4.691%
44	12.249	1692	1697	1702	rVB	442646	737150	4.14%	0.410%
45	12.335	1702	1711	1713	rBV4	334317	828995	4.66%	0.461%
46	12.365	1713	1716	1723	rVB2	247870	528544	2.97%	0.294%
47	12.463	1727	1732	1736	rBV	576435	1054134	5.93%	0.586%
48	12.542	1742	1745	1747	rBV	186945	228281	1.28%	0.127%
49	12.567	1747	1749	1751	rBV	274806	304873	1.71%	0.170%
50	12.652	1759	1763	1766	rBV	465280	615266	3.46%	0.342%
51	12.695	1767	1770	1775	rVB5	180131	300709	1.69%	0.167%
52	12.798	1784	1787	1792	rVB	626991	1006741	5.66%	0.560%
53	12.865	1792	1798	1801	rBV	3001776	4824166	27.13%	2.683%
54	12.902	1801	1804	1805	rVV	1404822	1898508	10.68%	1.056%
55	12.932	1805	1809	1816	rVV2	7492333	12452016	70.02%	6.926%
56	12.987	1816	1818	1824	rVB5	312707	474859	2.67%	0.264%
57	13.103	1828	1837	1843	rBV2	1358908	3612245	20.31%	2.009%
58	13.164	1843	1847	1854	rVV	1496374	2506952	14.10%	1.394%
59	13.249	1855	1861	1866	rVV	8073010	11676788	65.66%	6.494%
60	13.292	1866	1868	1872	rVB	482411	564720	3.18%	0.314%
61	13.341	1873	1876	1879	rBV2	331308	421523	2.37%	0.234%
62	13.408	1884	1887	1889	rBV	502600	646981	3.64%	0.360%
63	13.444	1889	1893	1896	rBV2	547773	718730	4.04%	0.400%
64	13.481	1896	1899	1903	rVB3	1105221	1379913	7.76%	0.767%
65	13.518	1903	1905	1908	rVB	434597	370681	2.08%	0.206%
66	13.548	1908	1910	1913	rBV	866670	999666	5.62%	0.556%
67	13.585	1913	1916	1920	rBV	1600503	2263596	12.73%	1.259%
68	13.621	1920	1922	1929	rVB	1596977	2023732	11.38%	1.126%
69	13.719	1931	1938	1939	rBV5	283646	609152	3.43%	0.339%
70	13.755	1939	1944	1948	rBV2	2893533	4945328	27.81%	2.751%
71	13.871	1958	1963	1968	rBV	12129809	15515283	87.24%	8.629%
72	13.938	1968	1974	1978	rVV3	2367201	4307778	24.22%	2.396%
73	14.036	1983	1990	1995	rVV5	953280	2502048	14.07%	1.392%
74	14.091	1995	1999	2003	rVB	1024666	1512027	8.50%	0.841%
75	14.200	2011	2017	2021	rBV4	809551	1424264	8.01%	0.792%
76	14.255	2022	2026	2033	rBV6	547689	1043558	5.87%	0.580%

LSC Area Percent Report

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Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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	14.347	2033	2041	2044	rBV3	810809	1887779	10.61%	1.050%
78	14.389	2044	2048	2050	rVV3	1111300	1592949	8.96%	0.886%
79	14.420	2050	2053	2057	rVB2	797447	1108513	6.23%	0.617%
80	14.493	2062	2065	2069	rVV2	1128829	1662129	9.35%	0.924%
81	14.542	2070	2073	2079	rVB4	536680	888853	5.00%	0.494%
82	14.639	2086	2089	2093	rVB3	161275	210970	1.19%	0.117%
83	14.719	2097	2102	2108	rVB	4374872	5958719	33.51%	3.314%
84	14.792	2109	2114	2118	rBV3	1008162	2142249	12.05%	1.191%
85	14.834	2118	2121	2129	rVB2	1256654	2311950	13.00%	1.286%
86	15.060	2154	2158	2164	rVV4	321360	526321	2.96%	0.293%
87	15.164	2166	2175	2180	rVV9	380412	1398883	7.87%	0.778%
88	15.243	2184	2188	2195	rVB4	663679	1399766	7.87%	0.779%
89	15.322	2195	2201	2203	rBV	1349546	2227455	12.52%	1.239%
90	15.365	2203	2208	2218	rVB	5899211	10447627	58.75%	5.811%
91	15.548	2233	2238	2247	rVB	2407511	3905662	21.96%	2.172%
92	15.657	2247	2256	2261	rBV9	352602	1103614	6.21%	0.614%
93	15.724	2263	2267	2274	rVB4	359840	699650	3.93%	0.389%
94	15.859	2286	2289	2294	rVB3	131615	185731	1.04%	0.103%
95	16.133	2330	2334	2343	rBV6	209994	641727	3.61%	0.357%
96	16.212	2343	2347	2352	rVV2	264256	463808	2.61%	0.258%
97	16.279	2353	2358	2366	rVB	422900	812952	4.57%	0.452%
98	16.432	2377	2383	2388	rBV	1026470	2166950	12.18%	1.205%
99	16.487	2388	2392	2398	rVB	1225324	2058168	11.57%	1.145%
100	16.633	2410	2416	2429	rVB	692160	1973466	11.10%	1.098%

Sum of corrected areas: 179797195

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
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Operator : SY/VA
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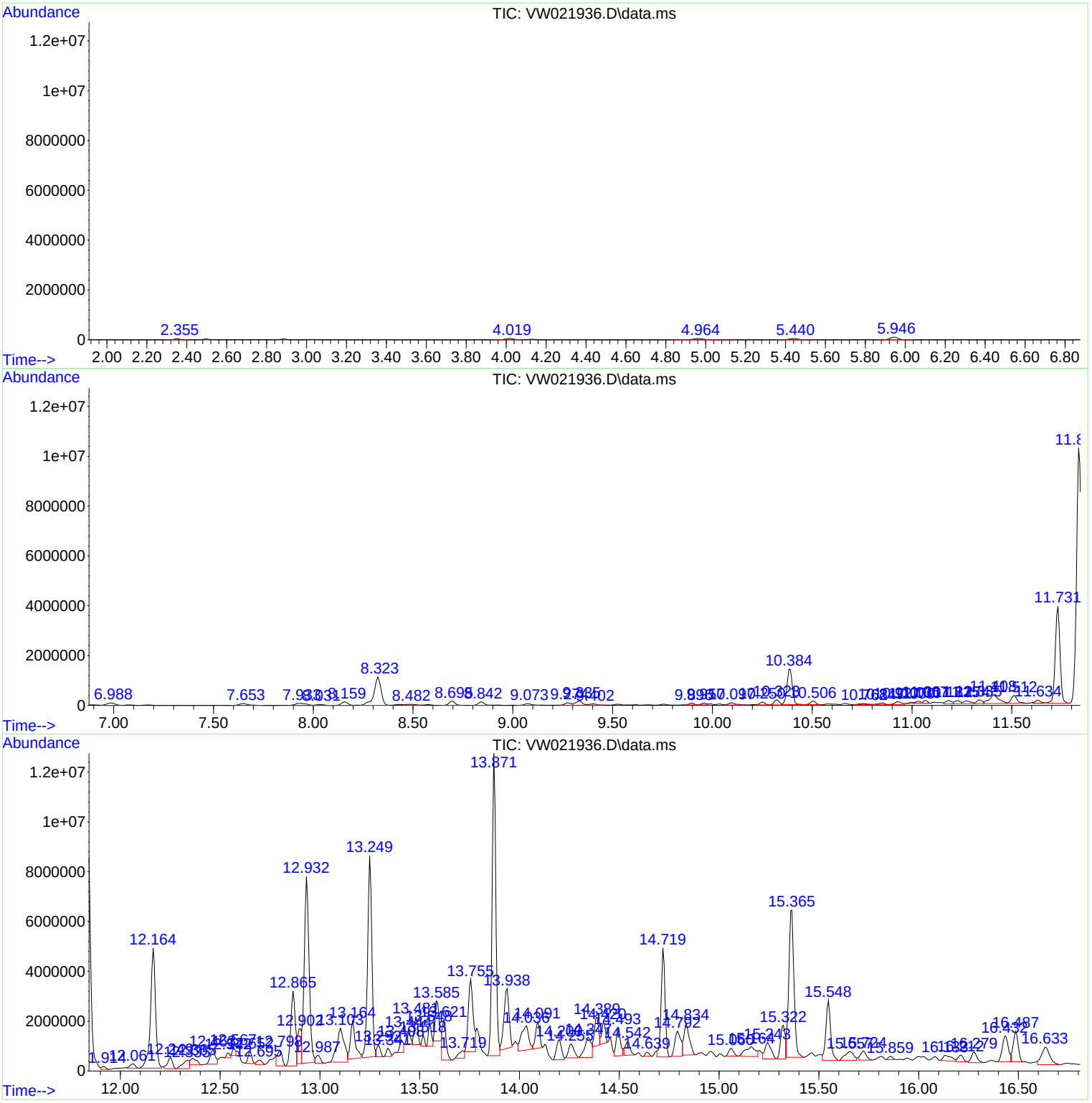
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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 : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

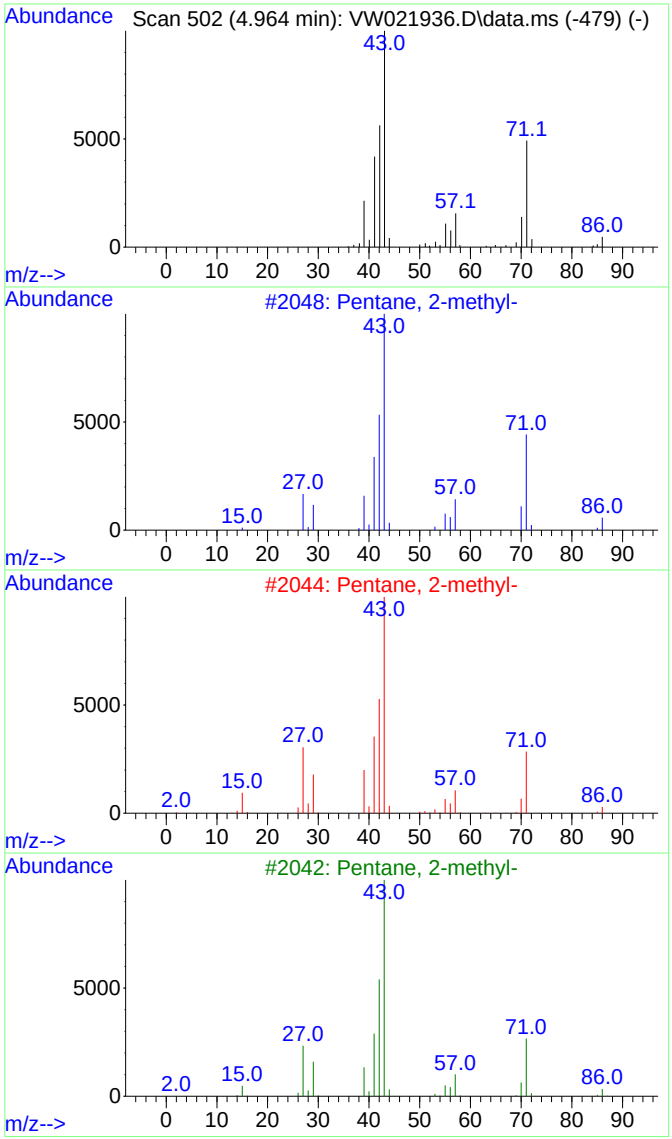
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

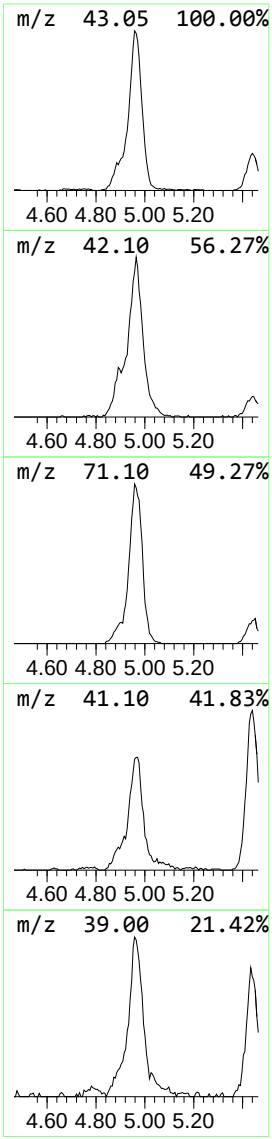
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	19.14 ug/L	219190	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

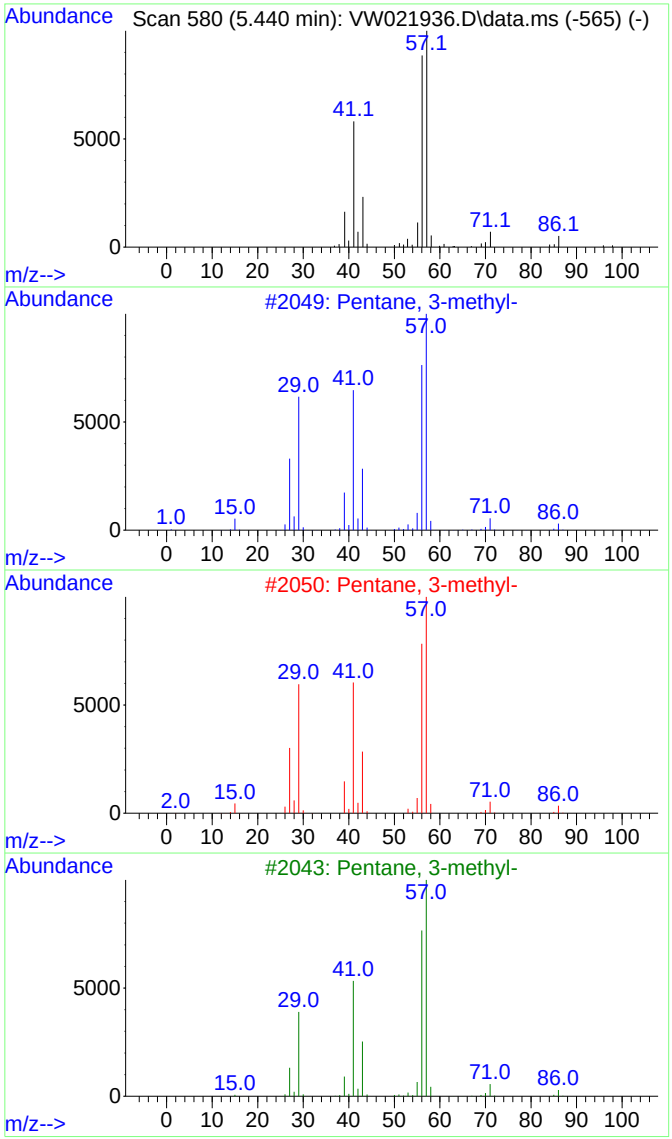
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

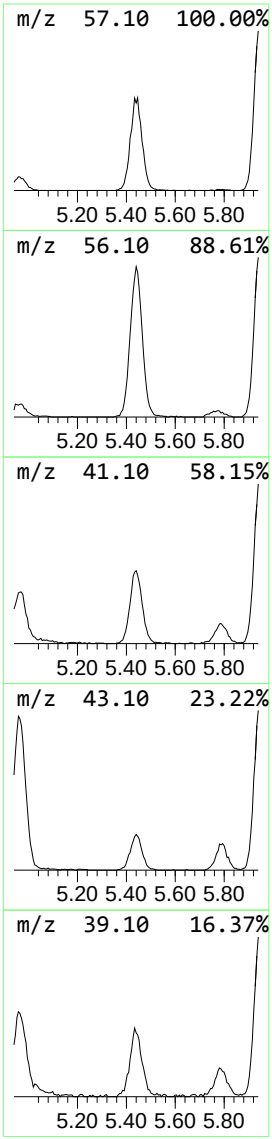
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	15.19 ug/L	173958	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
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	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

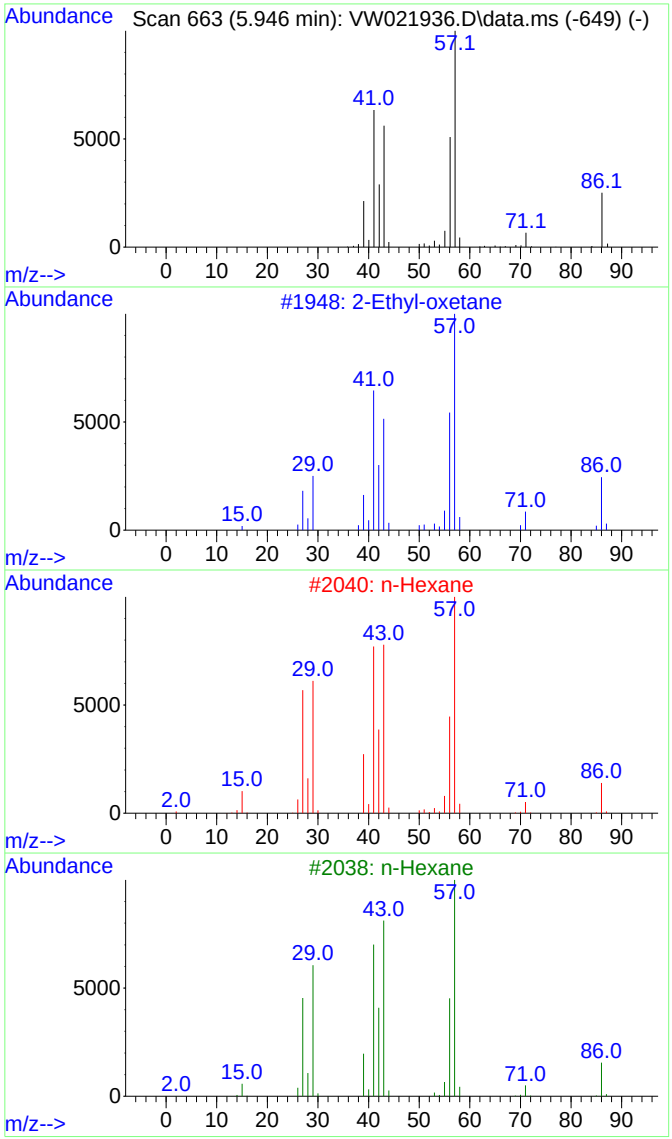
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

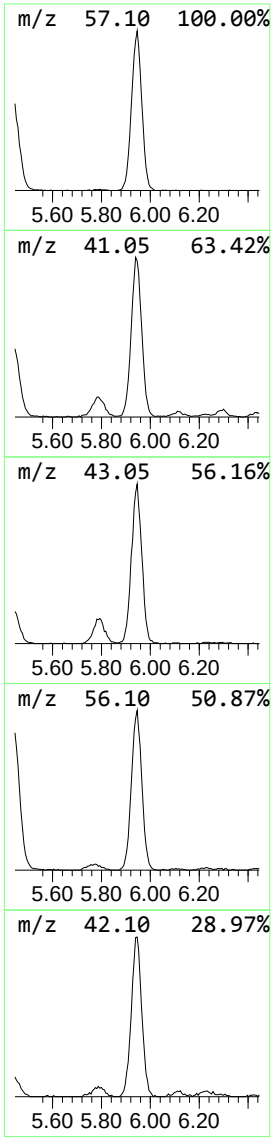
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	27.85 ug/L	318849	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	78
5	n-Hexane	86	C6H14	000110-54-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

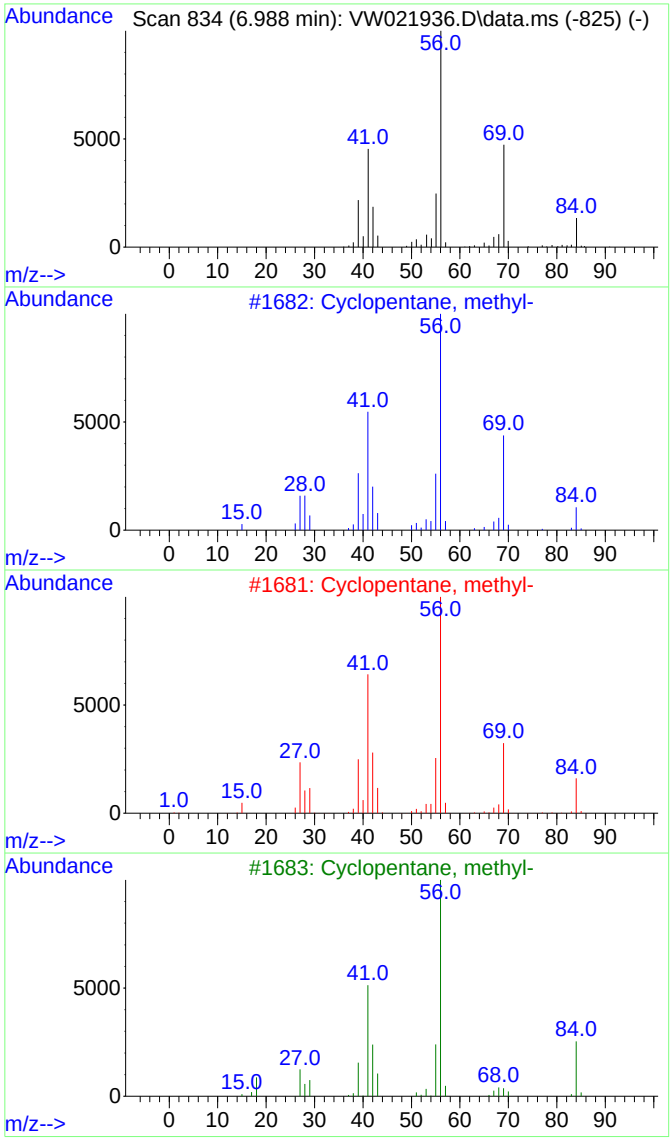
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

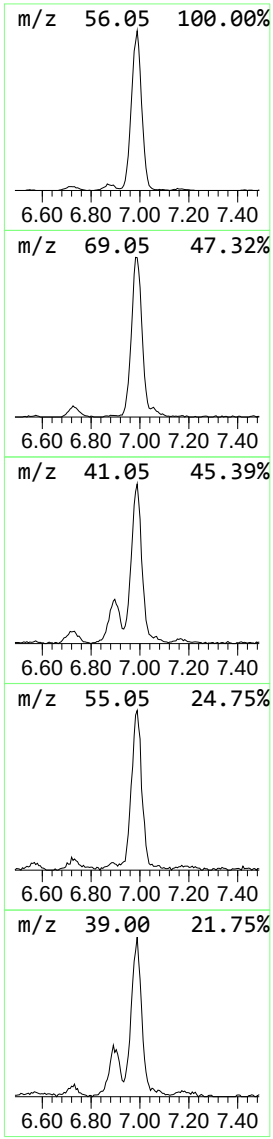
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic6.988 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	26.02 ug/L	297864	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

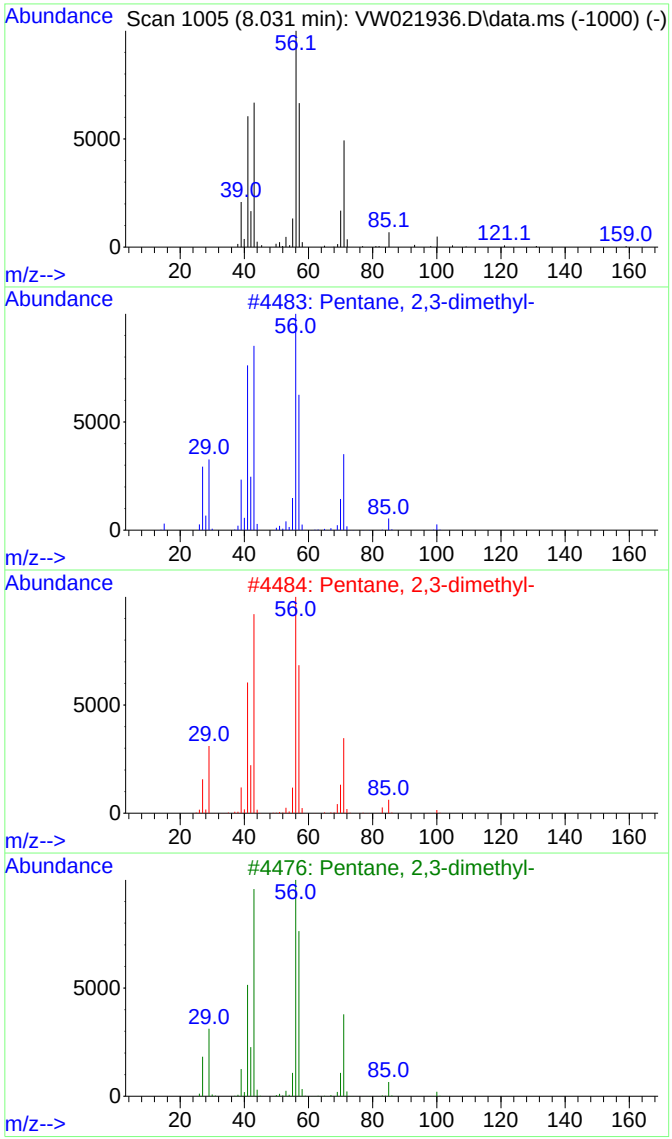
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

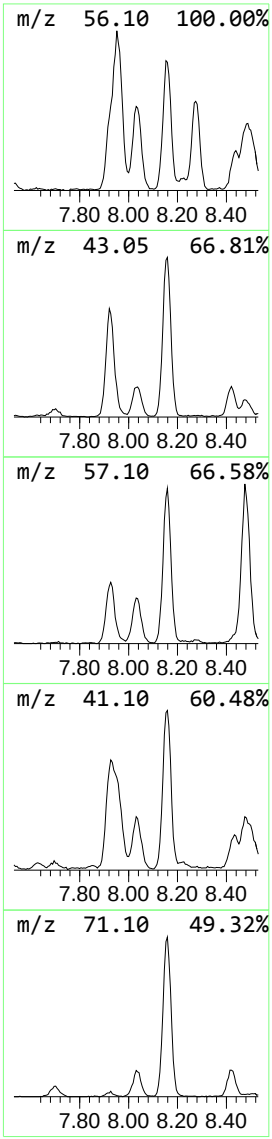
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	7.95 ug/L	91075	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	64
5	Hexyl octyl ether	214	C14H30O	017071-54-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

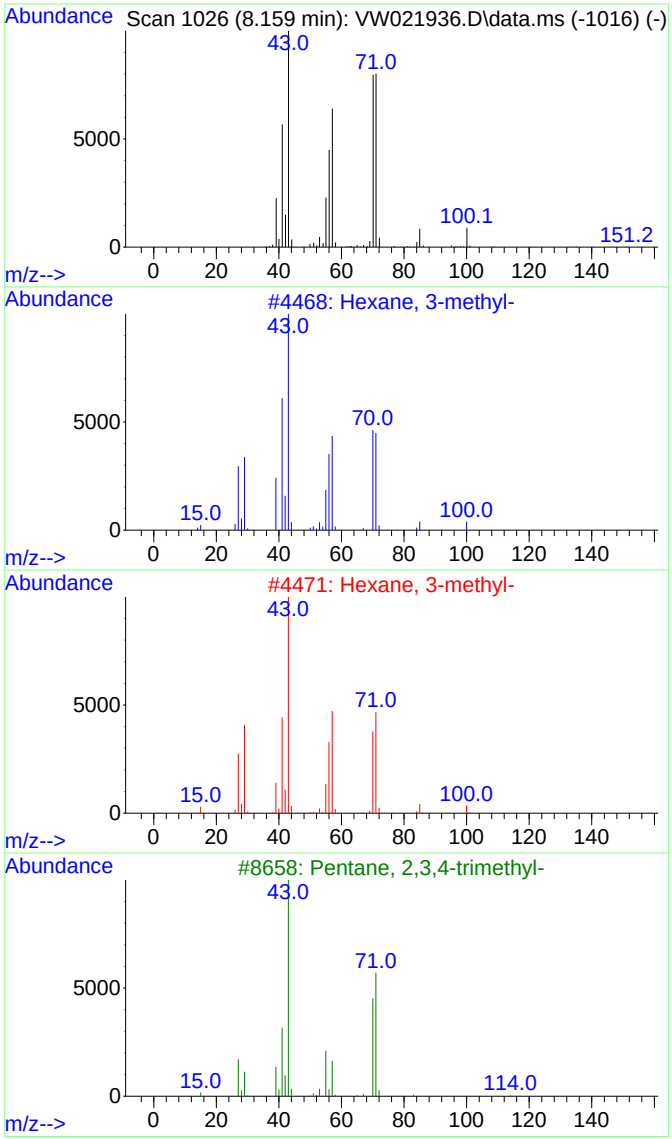
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

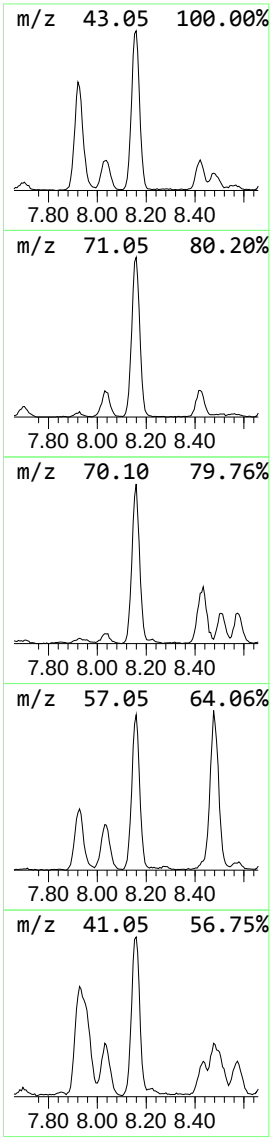
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	28.56 ug/L	327025	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	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

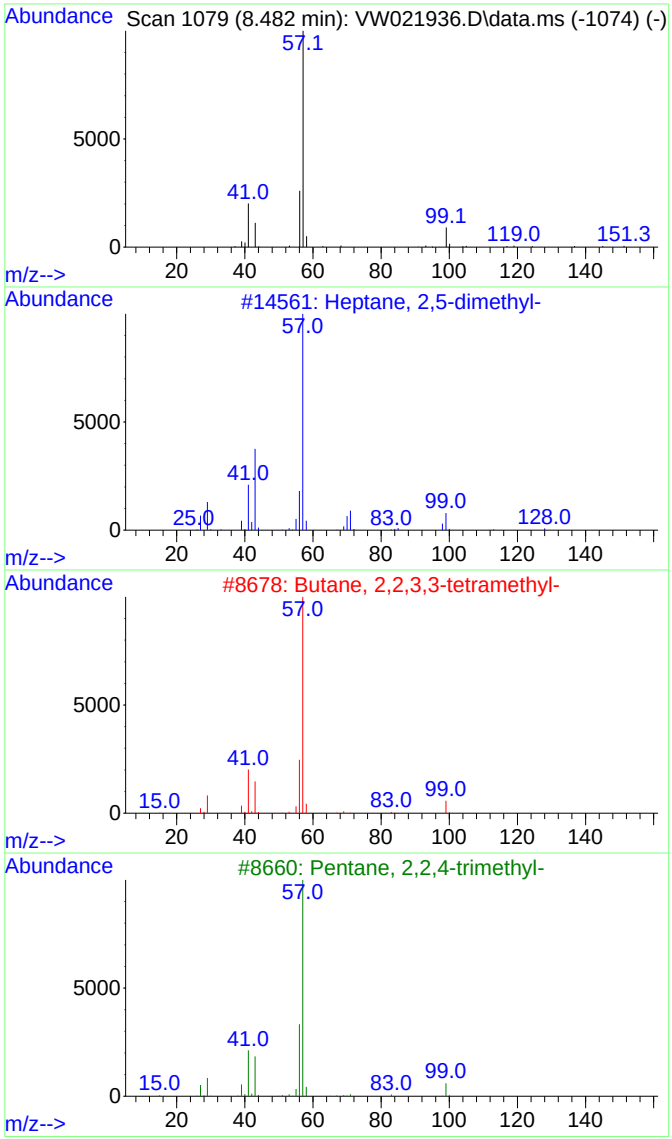
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

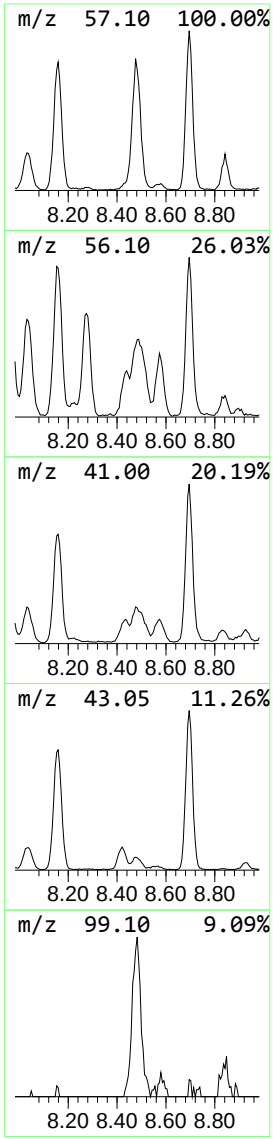
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	11.06 ug/L	126610	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	9
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	9
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	9
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	7
5	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

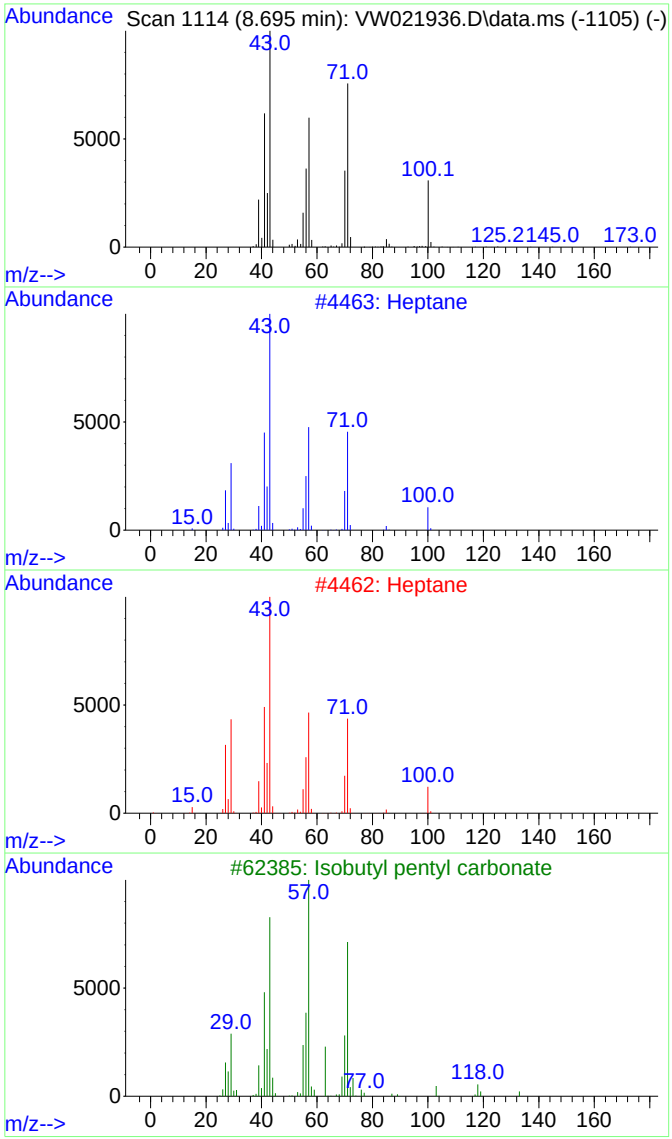
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

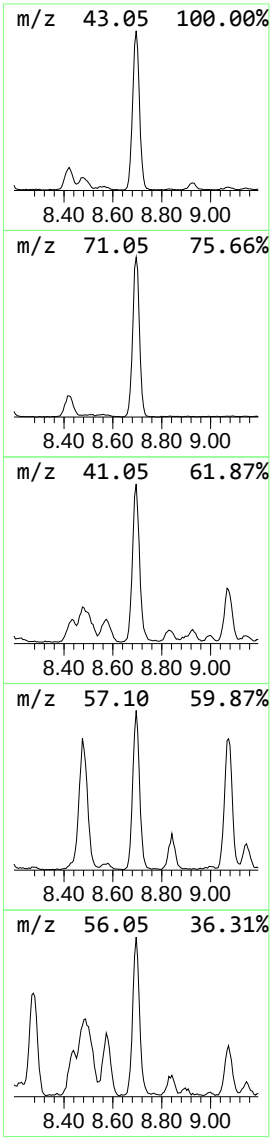
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	30.23 ug/L	346075	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	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	64
4	Heptane	100	C7H16	000142-82-5	58
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

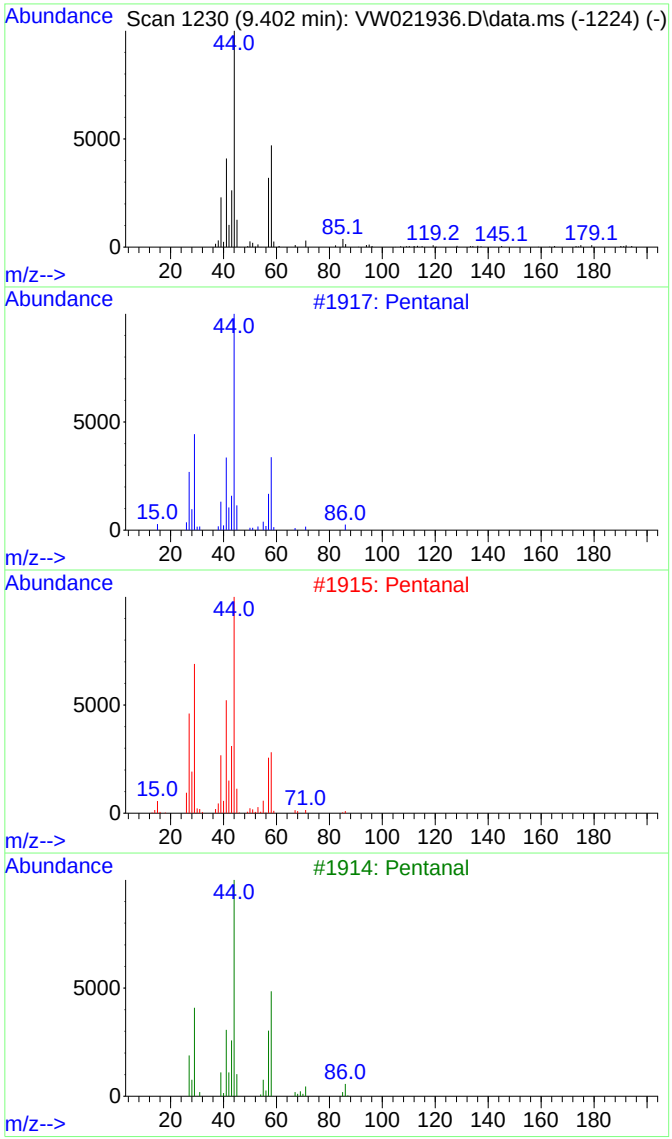
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

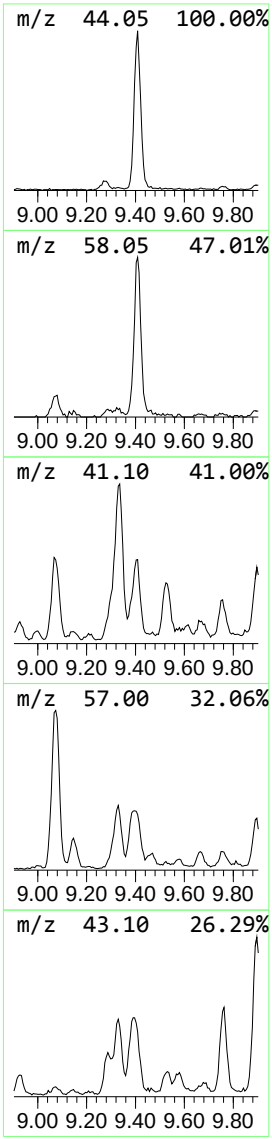
****

Peak Number 9 Pentanal Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.402	11.43 ug/L	130906	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Pentanal	86	C5H10O	000110-62-3	78
3	Pentanal	86	C5H10O	000110-62-3	43
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

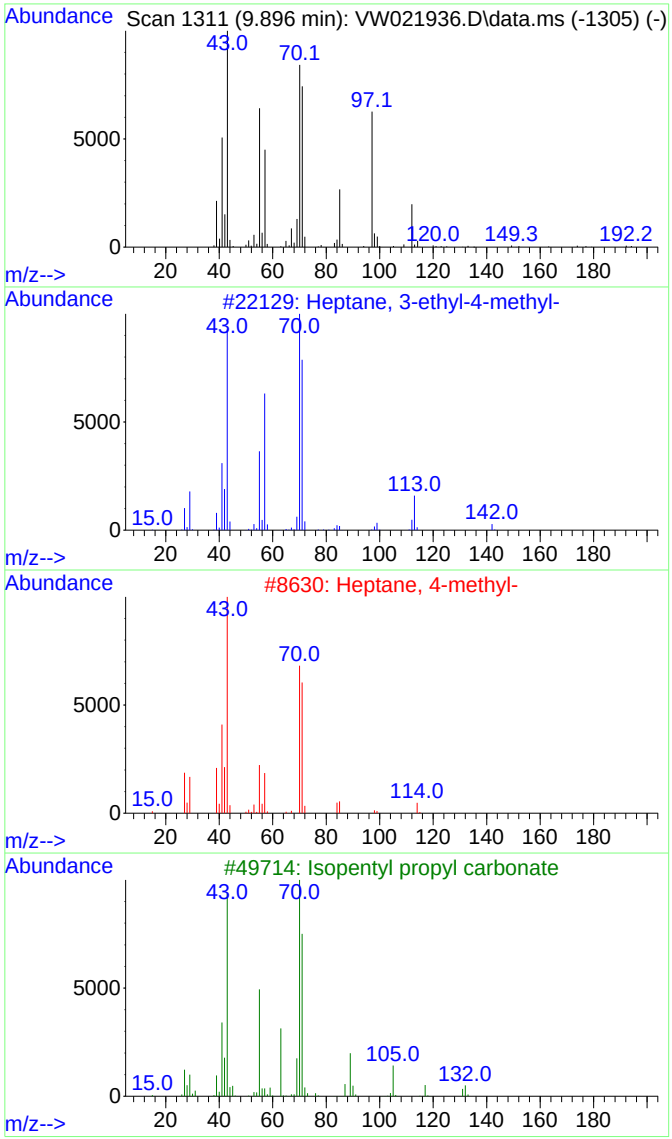
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

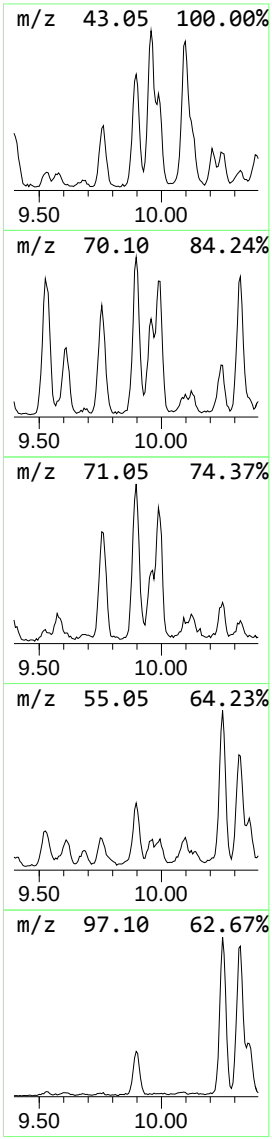
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	10.38 ug/L	118858	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	53
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
3	Isopentyl propyl carbonate	174	C9H18O3	1000373-84-4	47
4	Diisoamyl ether	158	C10H22O	000544-01-4	47
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

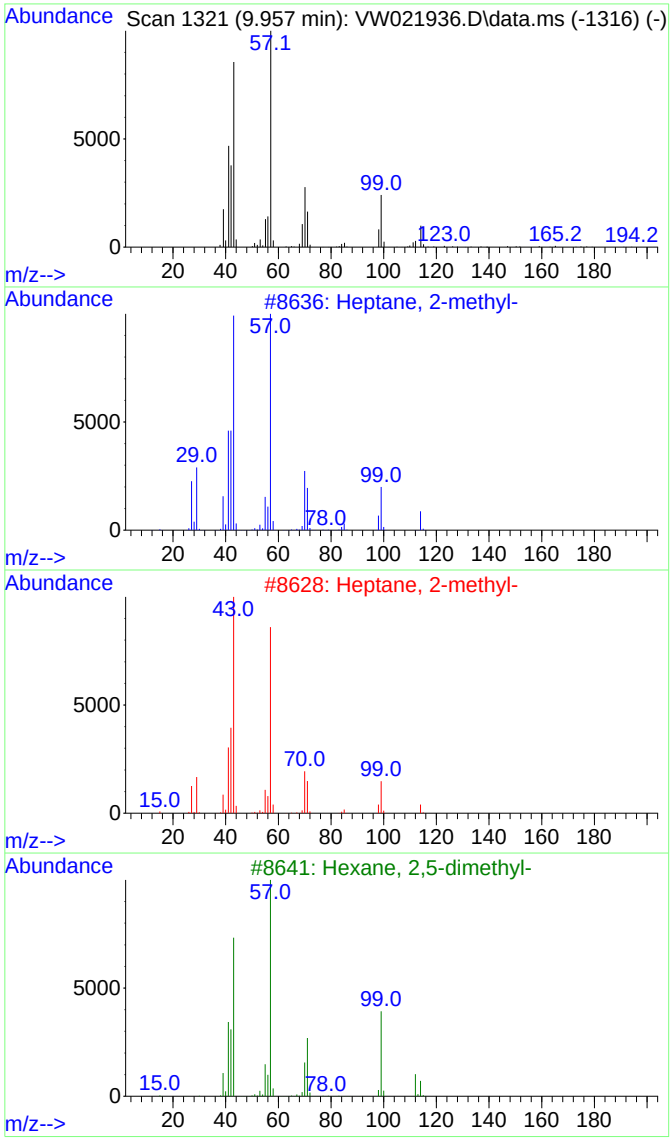
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

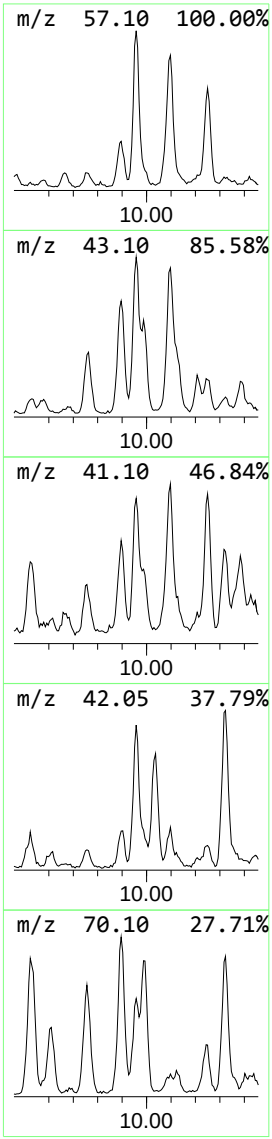
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	10.70 ug/L	122558	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	80
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
4	2-Piperidinone	99	C5H9NO	000675-20-7	50
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

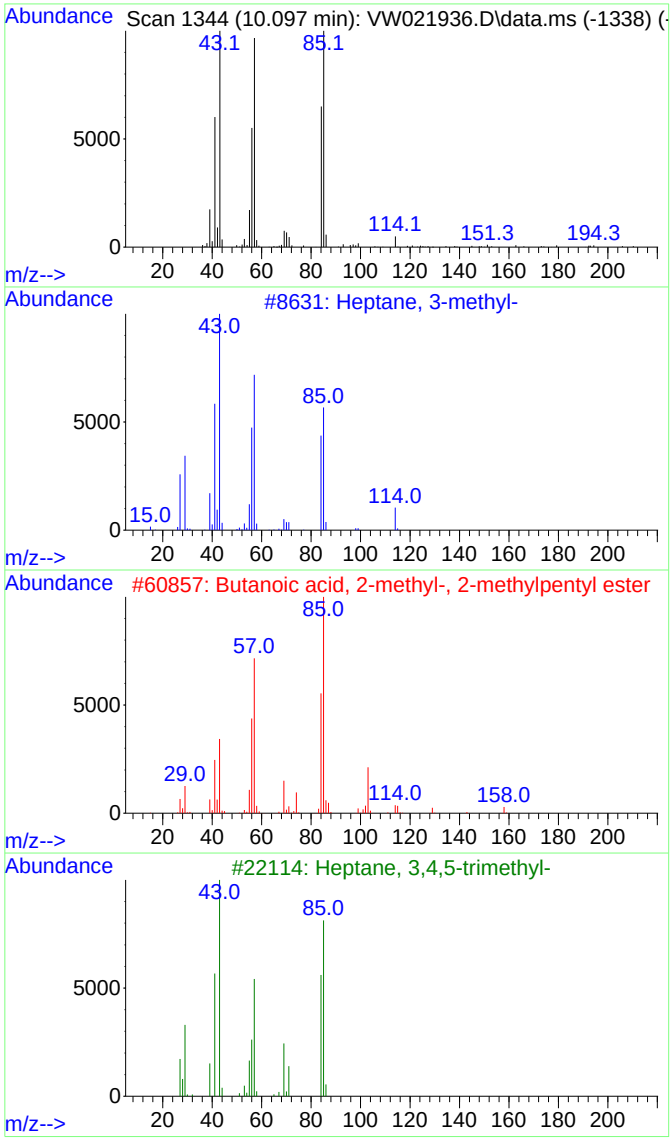
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

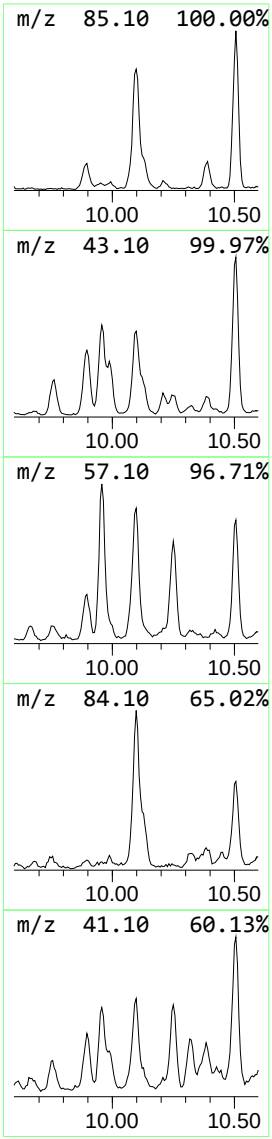
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	18.41 ug/L	210780	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	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

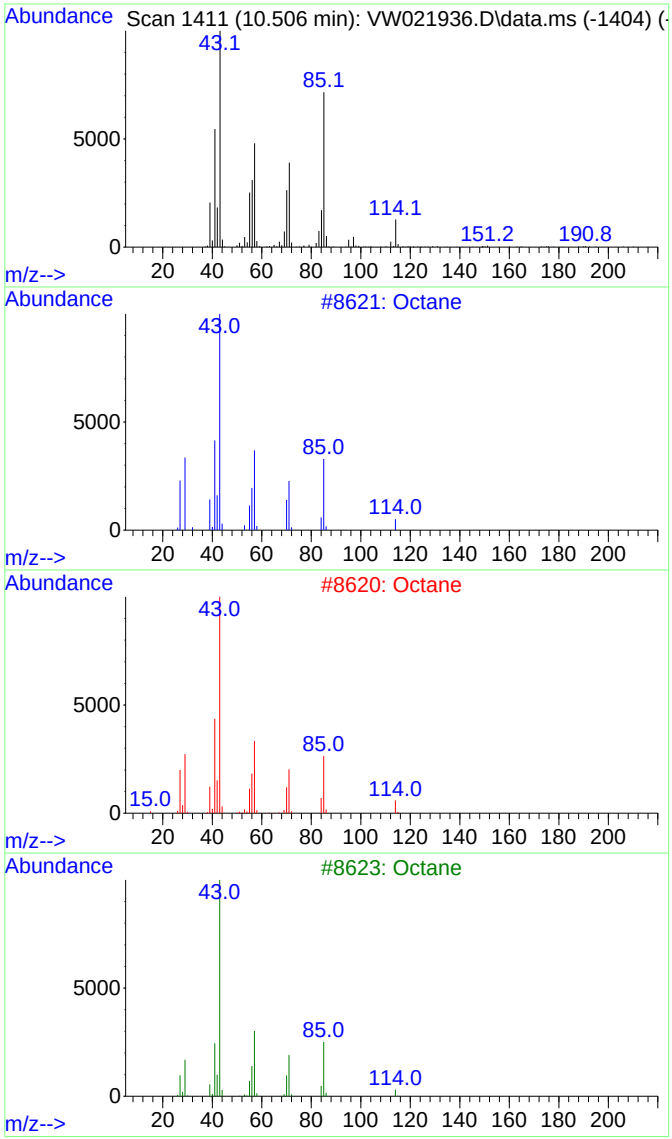
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

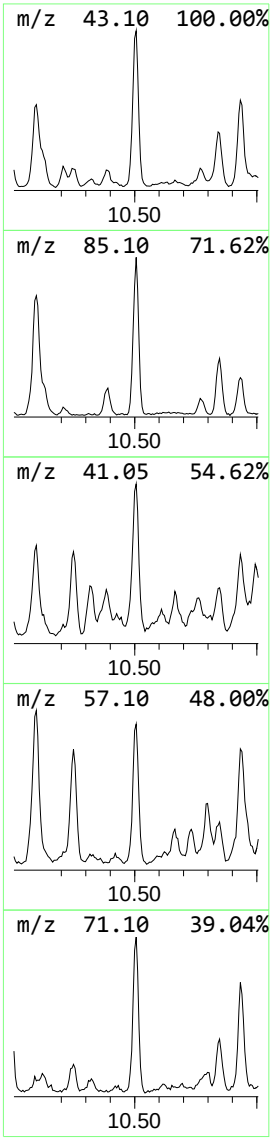
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	30.26 ug/L	277436	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	91
4	Octane	114	C8H18	000111-65-9	90
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

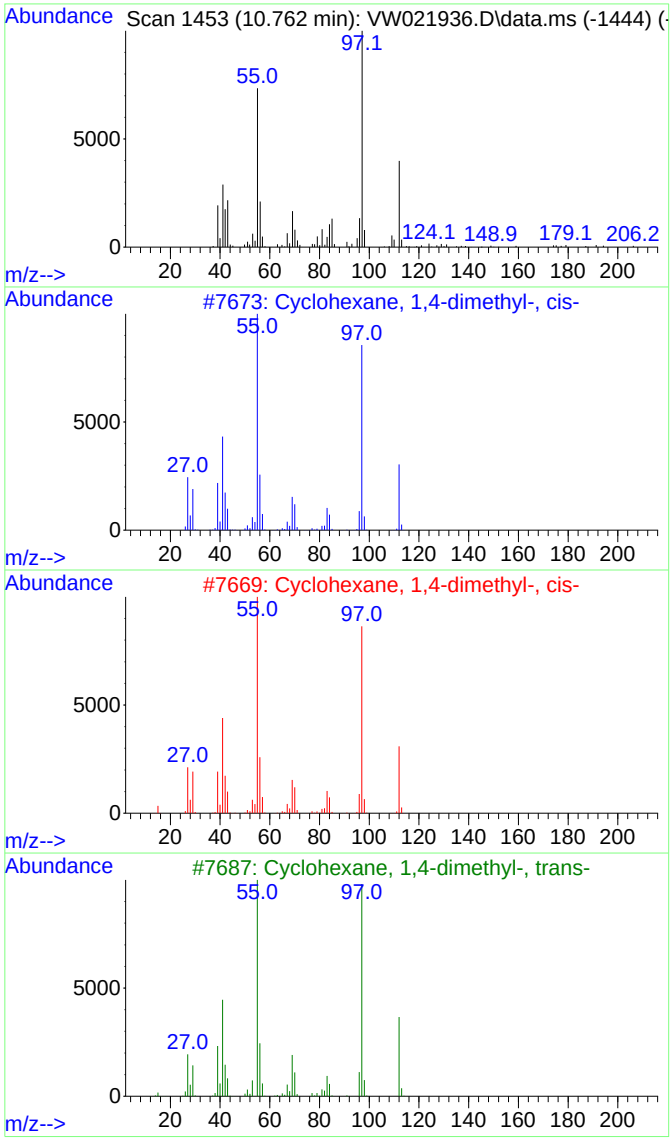
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

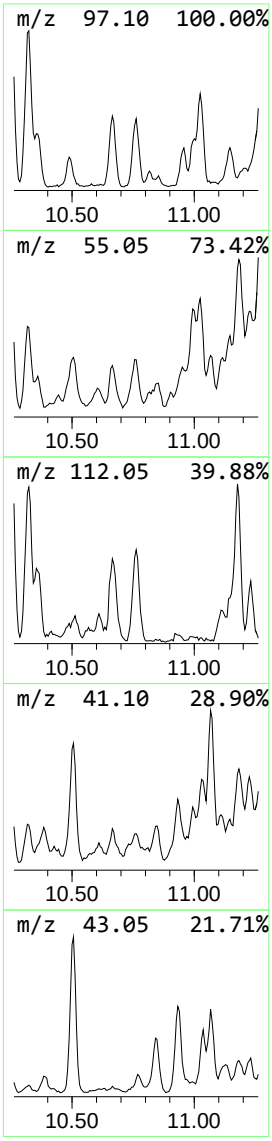
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic10.762 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	14.94 ug/L	136987	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

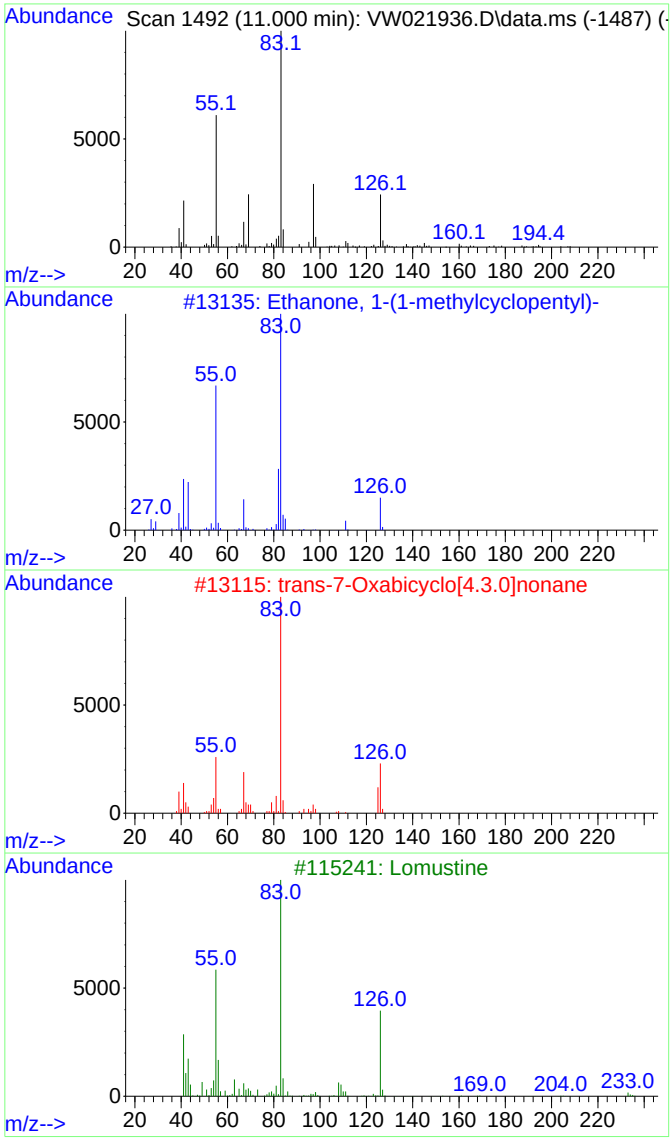
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

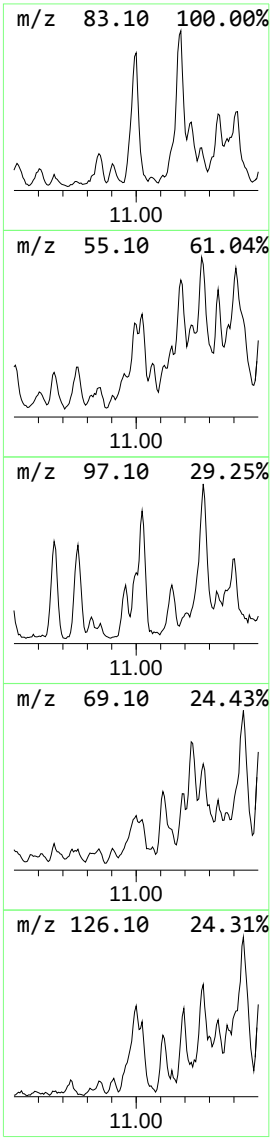
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ethanone, 1-(1-methylcyclop... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.000	9.50 ug/L	87074	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	72
2	trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	59
3	Lomustine	233	C9H16ClN3O2	013010-47-4	59
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	53
5	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

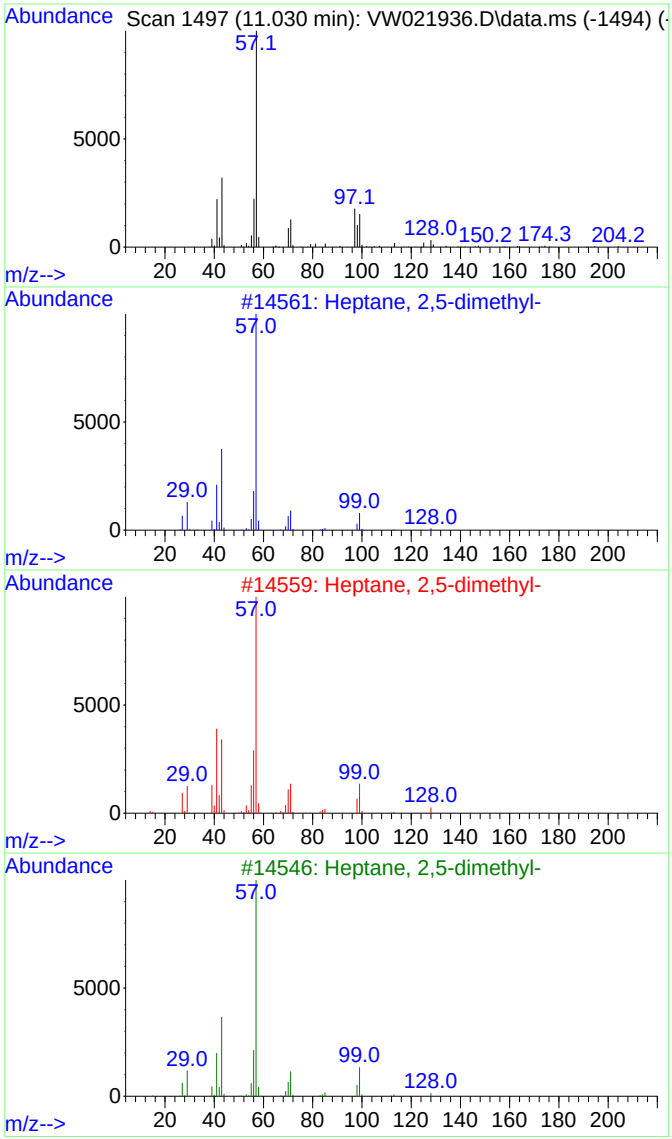
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

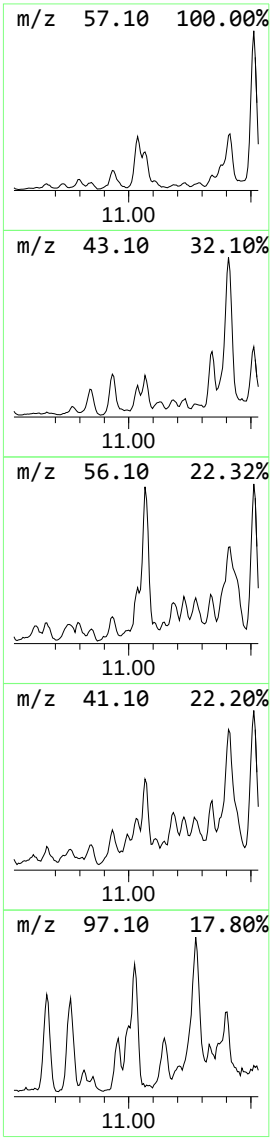
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	11.62 ug/L	106545	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Octane, 3-methyl-	128	C9H20	002216-33-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

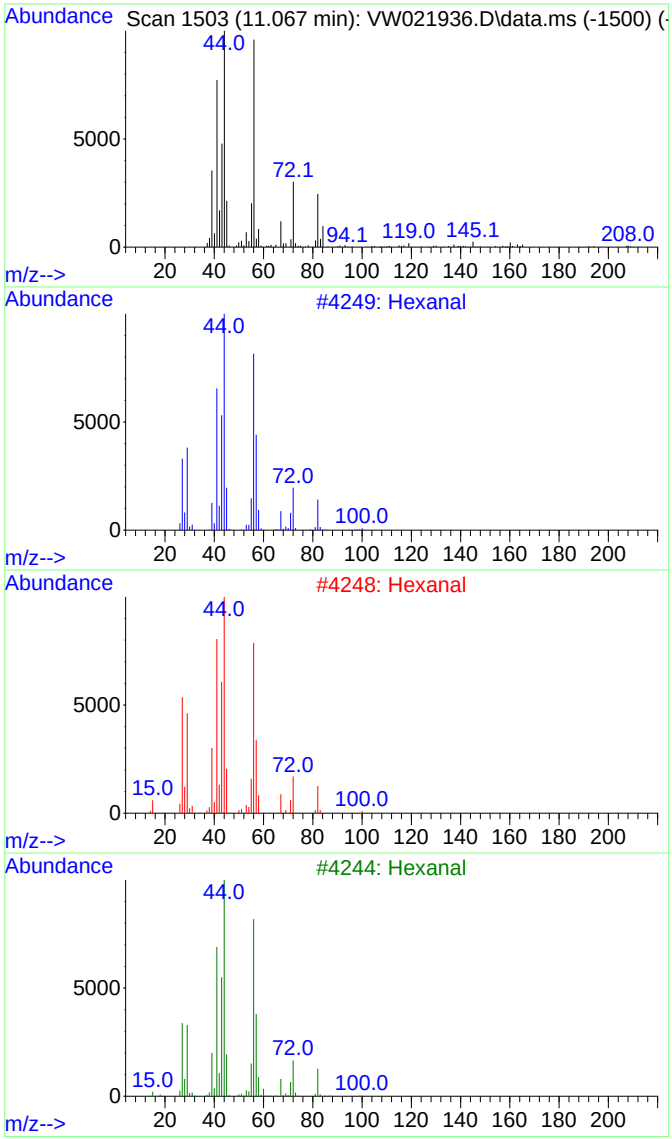
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

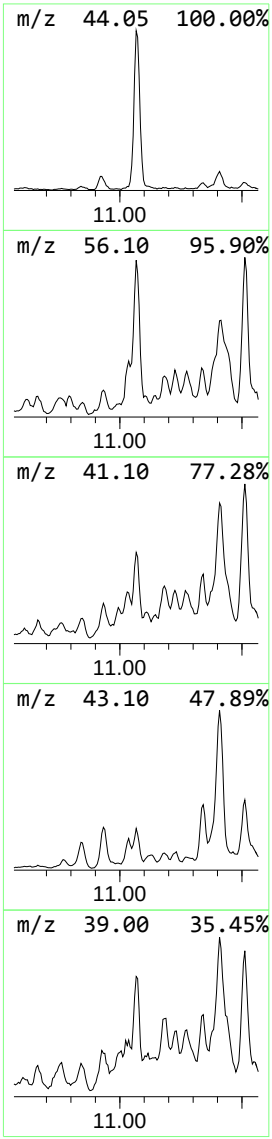
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexanal Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	16.80 ug/L	154089	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	78
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	56
5	Hexanal	100	C6H12O	000066-25-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

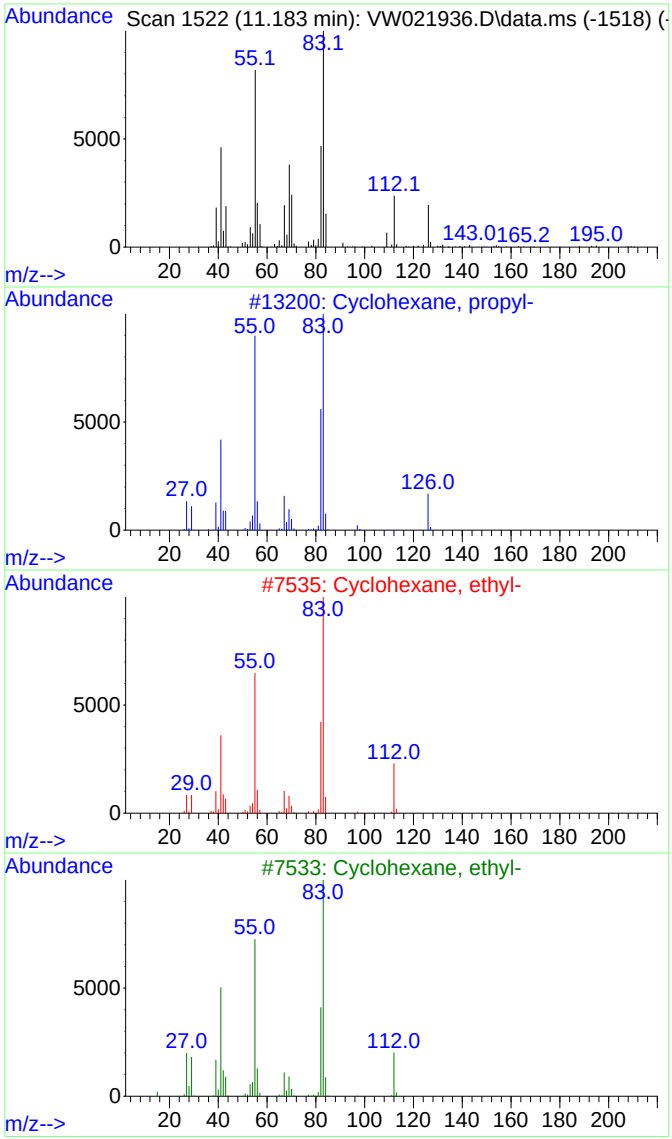
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

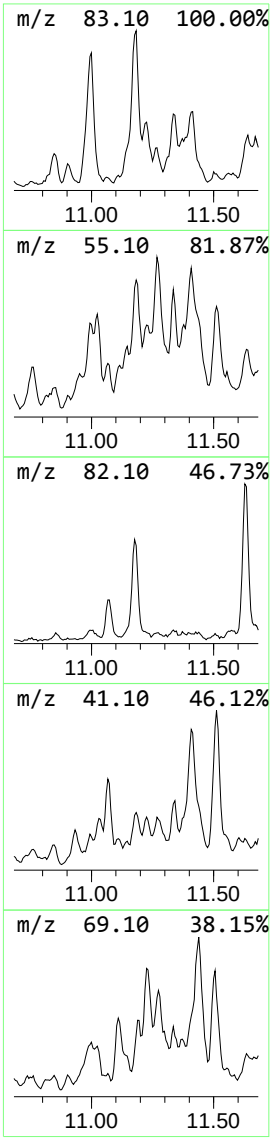
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.183 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	30.49 ug/L	279602	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

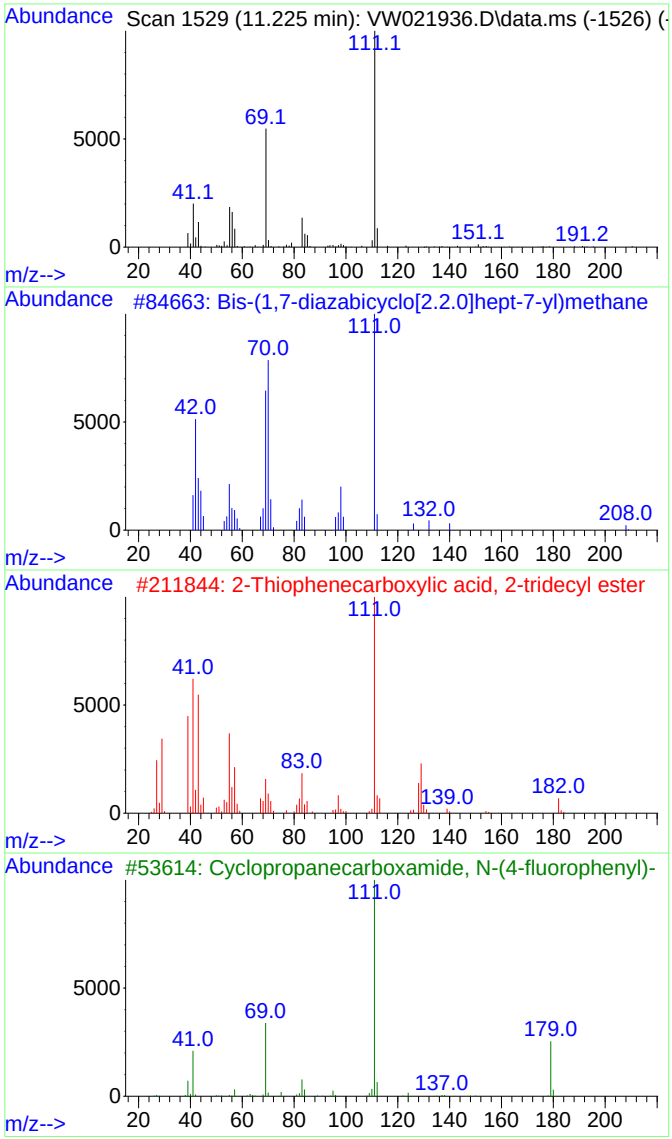
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

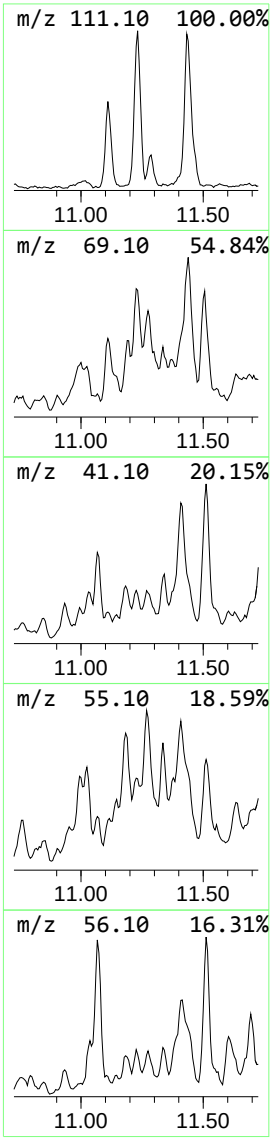
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Bis-(1,7-diazabicyclo[2.2.0... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	26.35 ug/L	241634	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis-(1,7-diazabicyclo[2.2.0]hept...	208	C11H20N4	1010284-25-2	64
2	2-Thiophenecarboxylic acid, 2-tr...	310	C18H30O2S	1000280-65-9	64
3	Cyclopropanecarboxamide, N-(4-fl...	179	C10H10FNO	1010307-18-5	64
4	1-Aminocyclopropanecarboxylic ac...	212	C11H20N2O2	1000375-50-9	59
5	2-Fluoro-6-methylpyridine	111	C6H6FN	000407-22-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

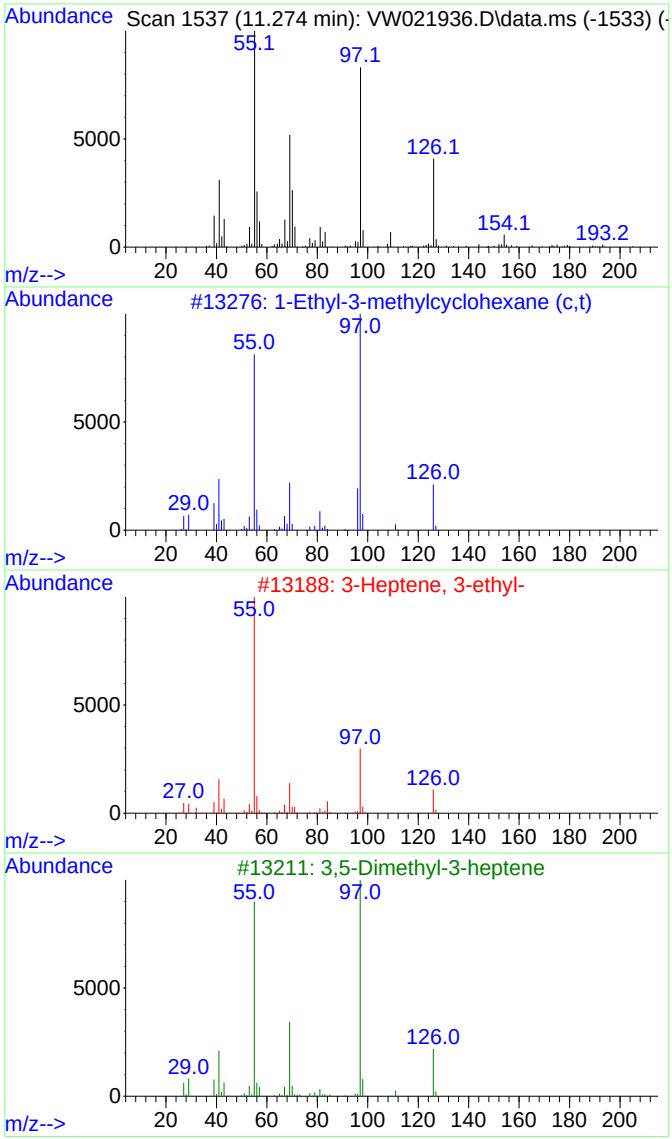
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

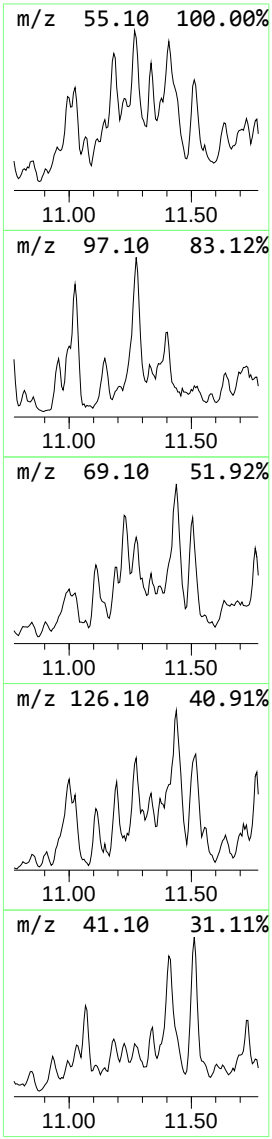
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic11.274 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	31.39 ug/L	287791	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
2	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	64
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	53
5	5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

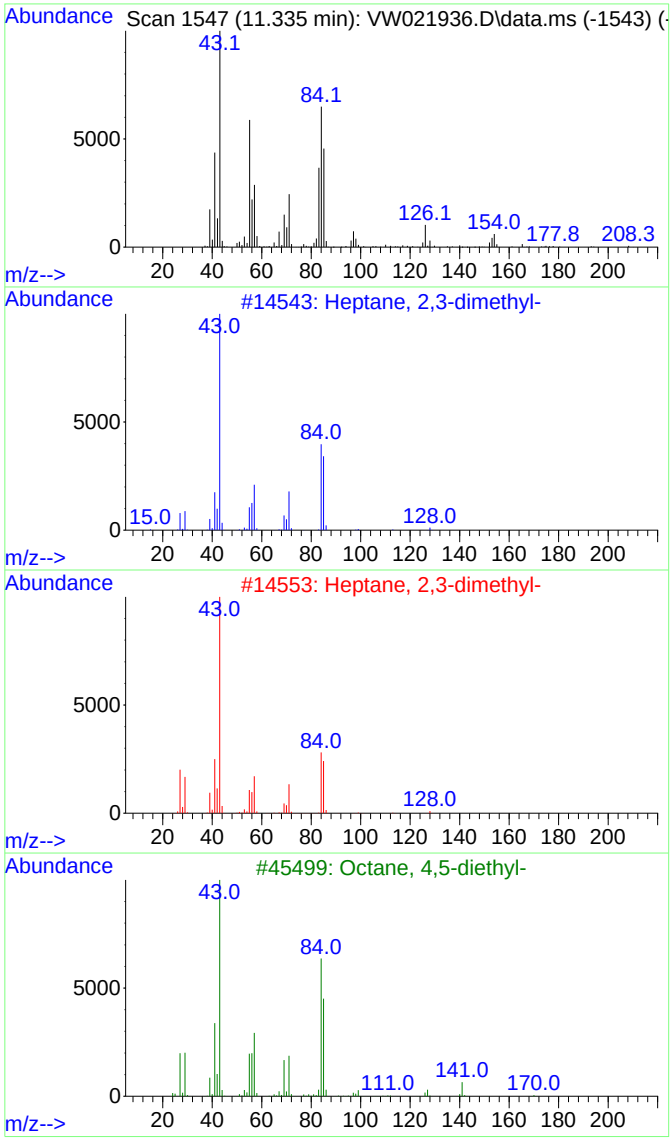
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

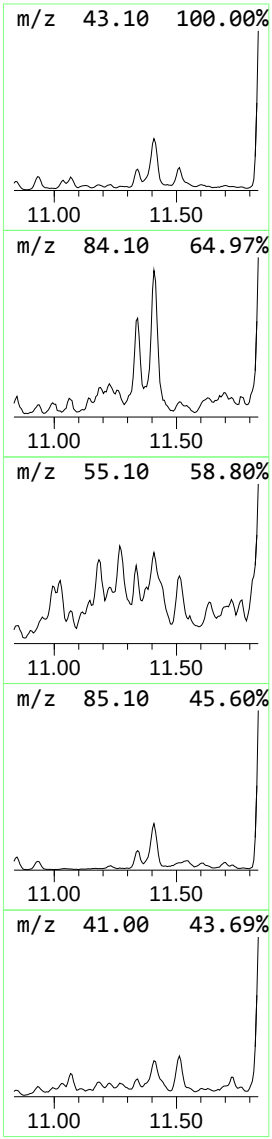
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	31.74 ug/L	291075	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	70
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	62
3	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	53
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46
5	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

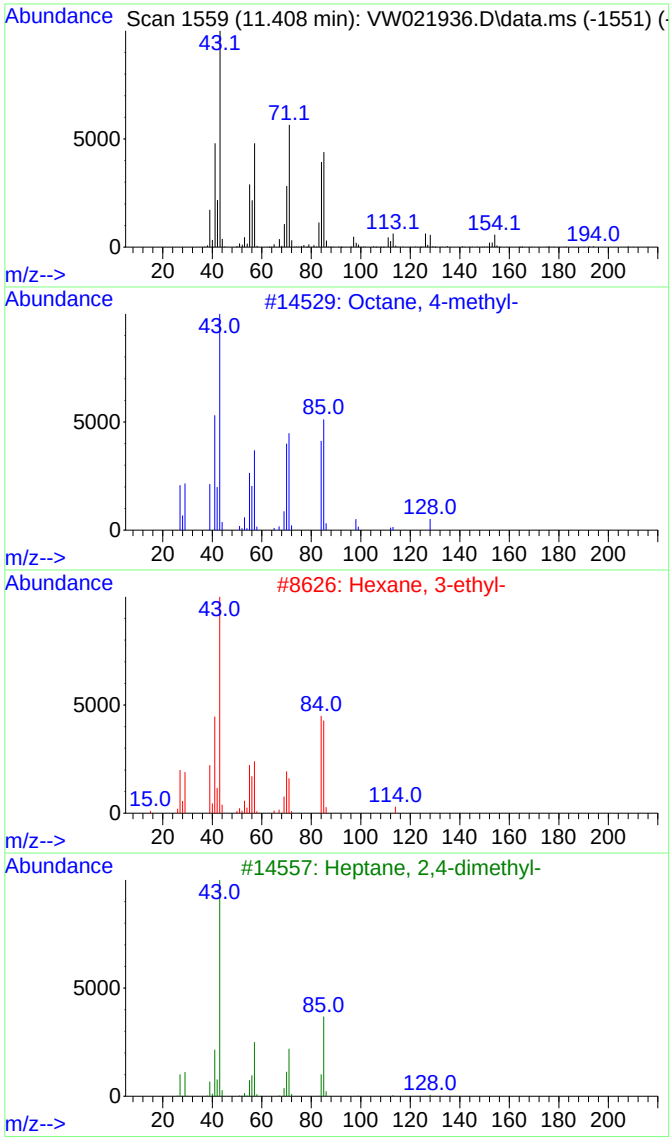
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

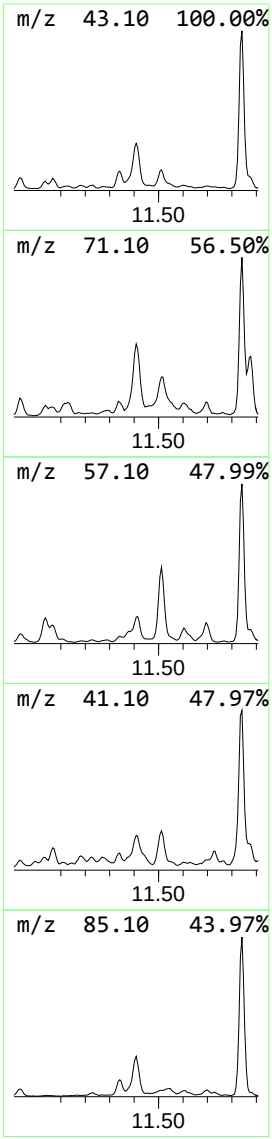
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	124.35 ug/L	1140210	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	74
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

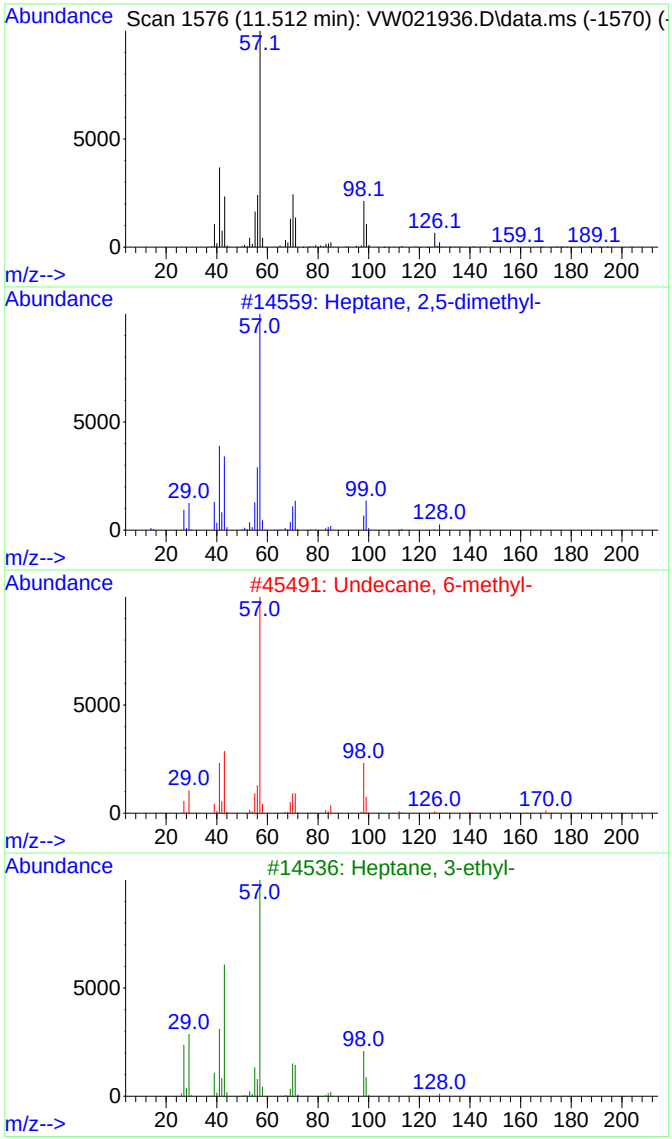
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

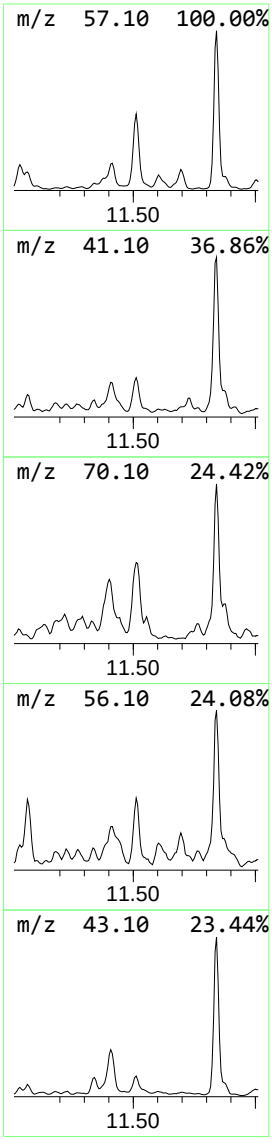
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	71.84 ug/L	658761	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	60
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	52
4	Octane, 3-methyl-	128	C9H20	002216-33-3	52
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

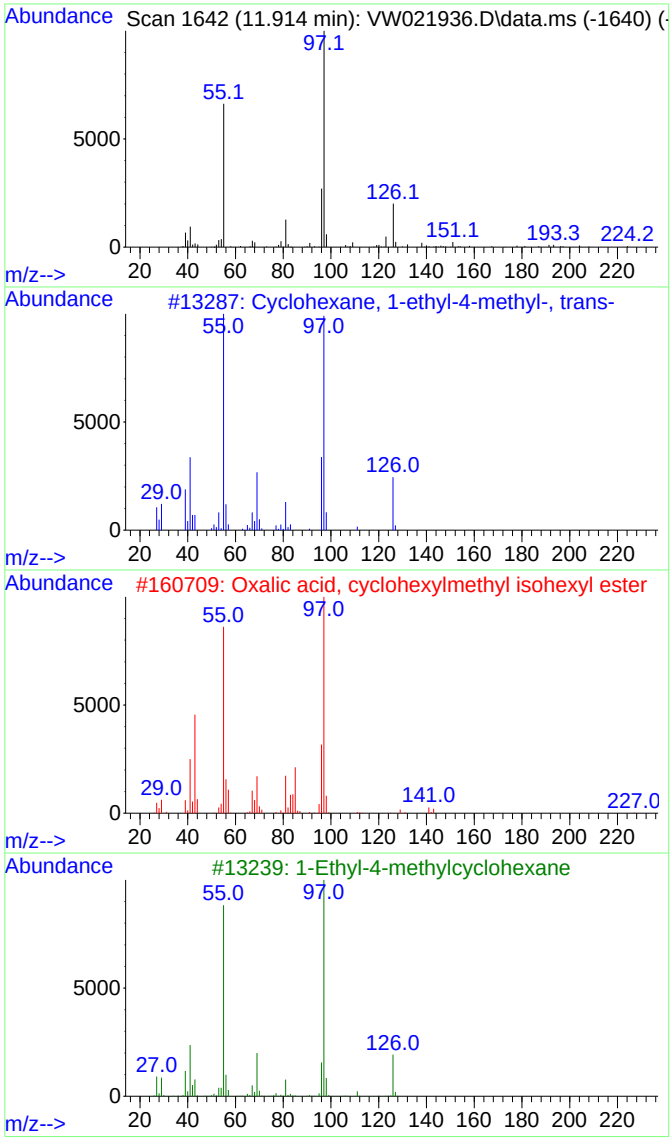
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

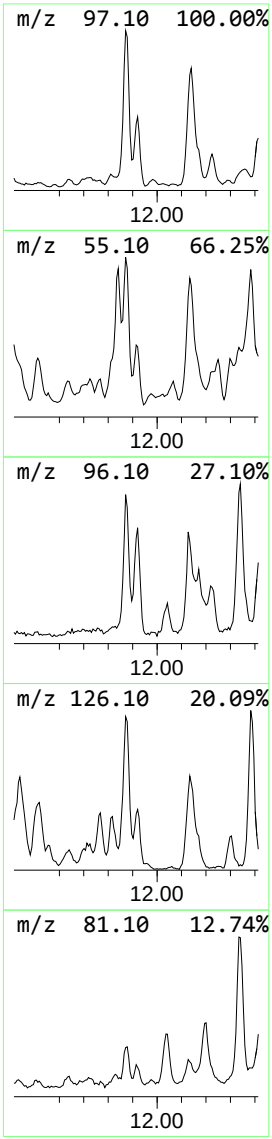
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.914 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	17.36 ug/L	159199	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

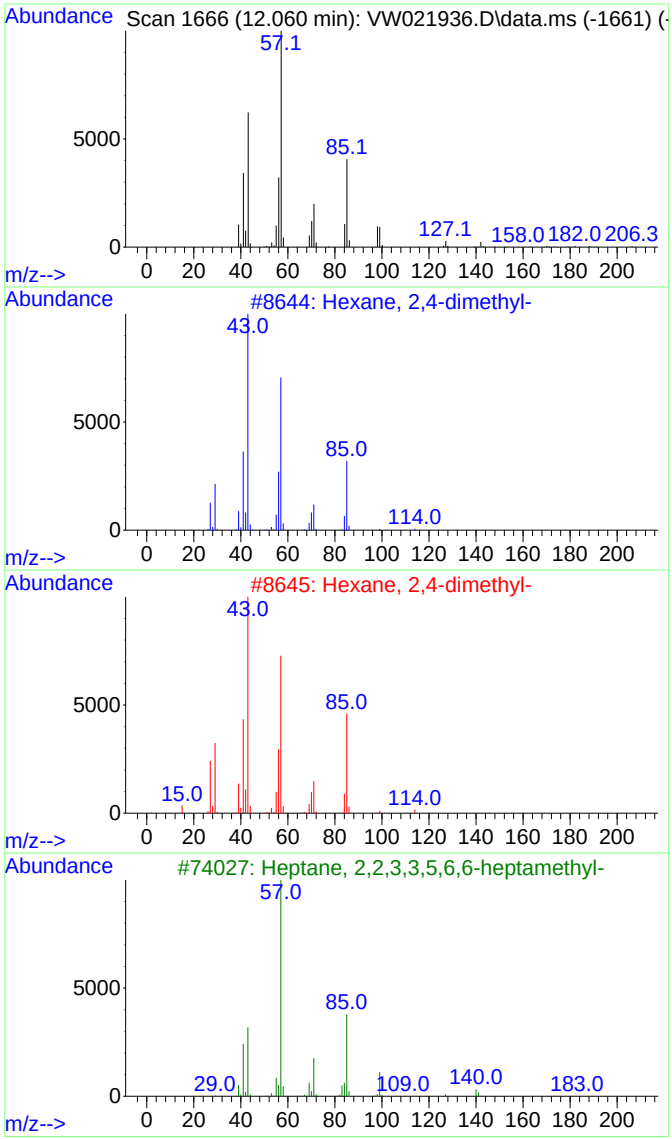
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

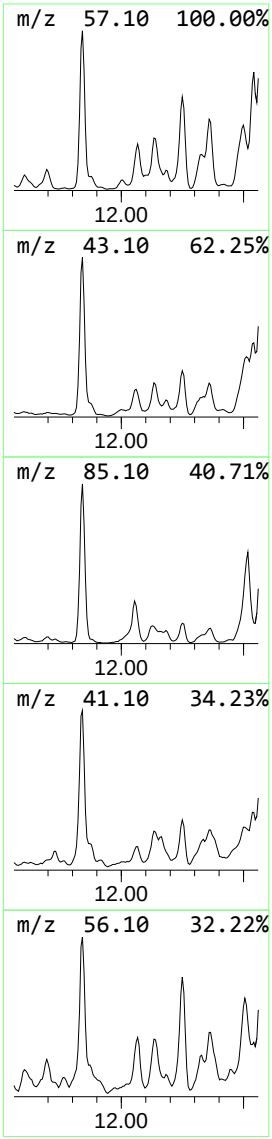
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	33.13 ug/L	303779	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	59
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	53
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

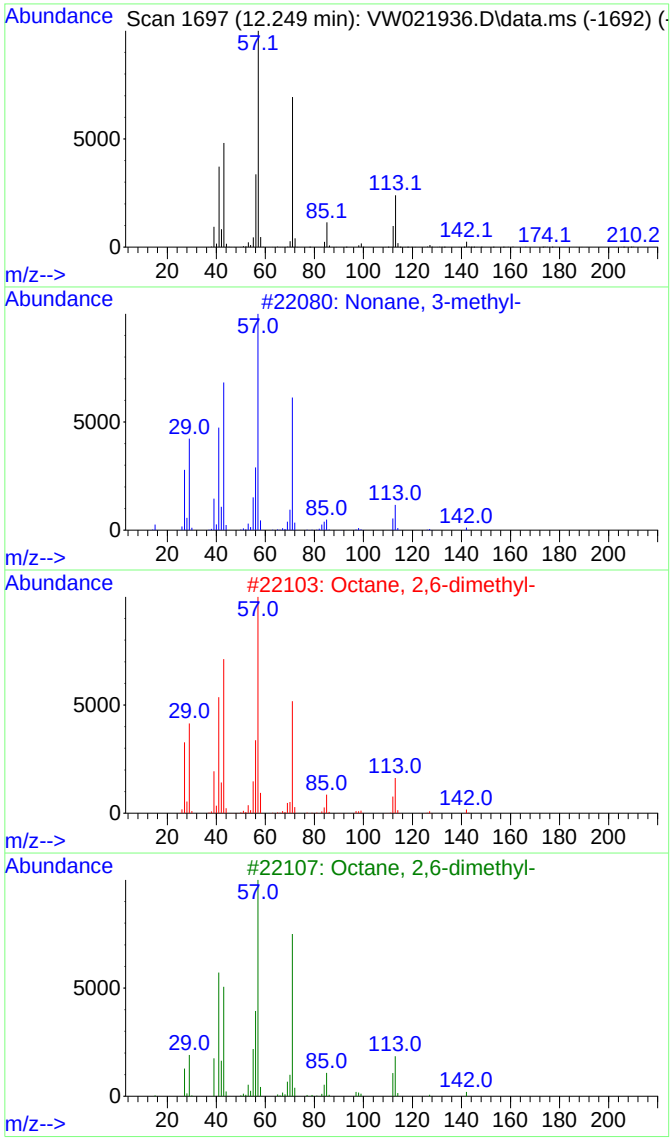
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

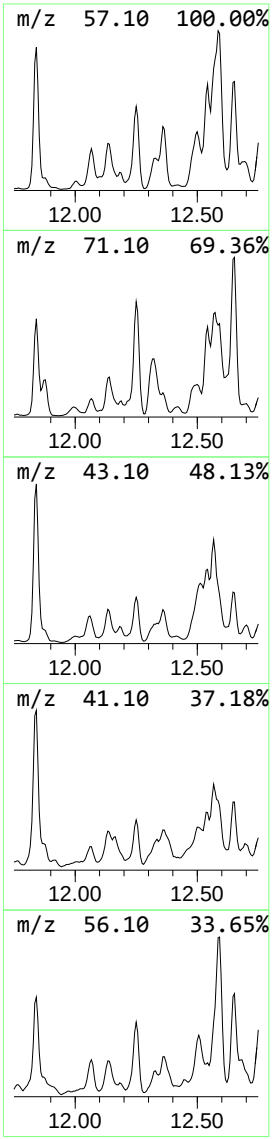
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	80.39 ug/L	737150	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

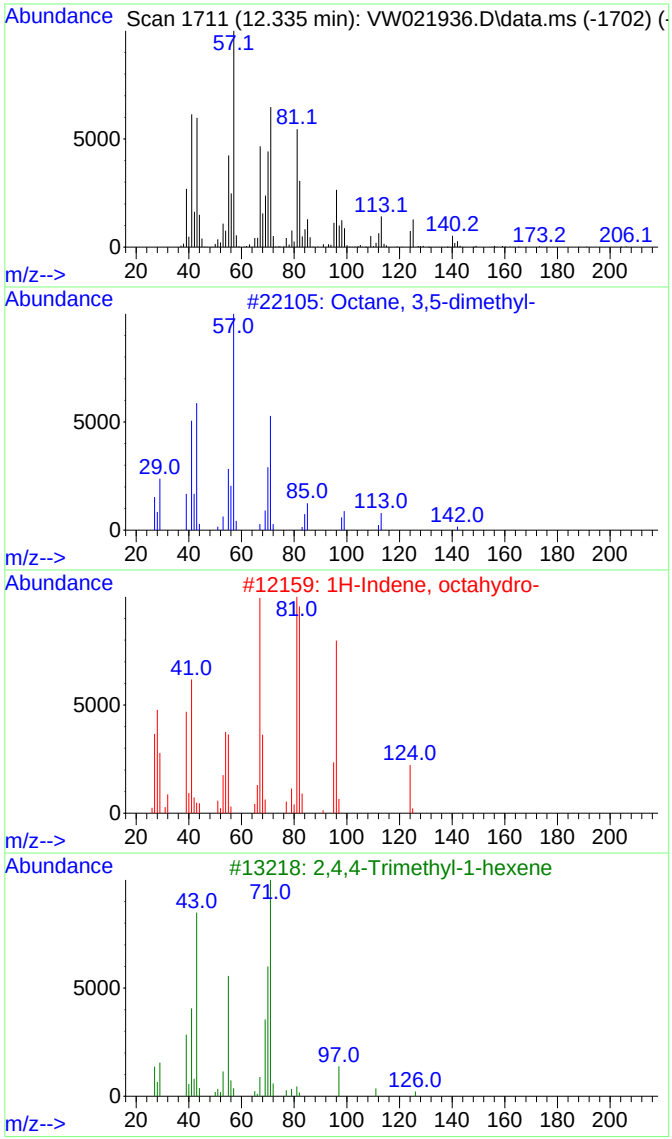
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

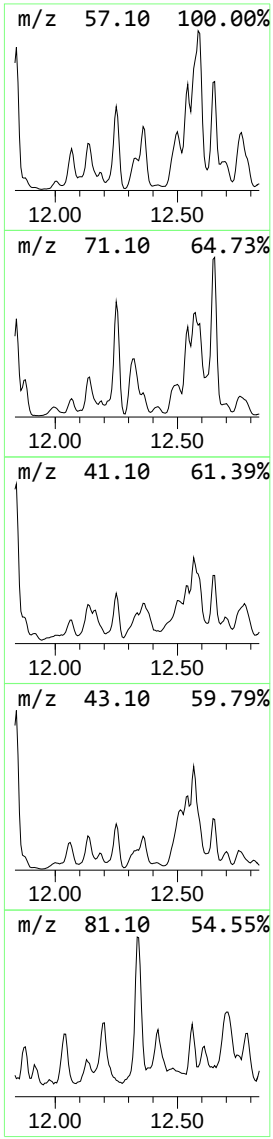
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	90.41 ug/L	828995	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
2	1H-Indene, octahydro-	124	C9H16	000496-10-6	38
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	35
4	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	20
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

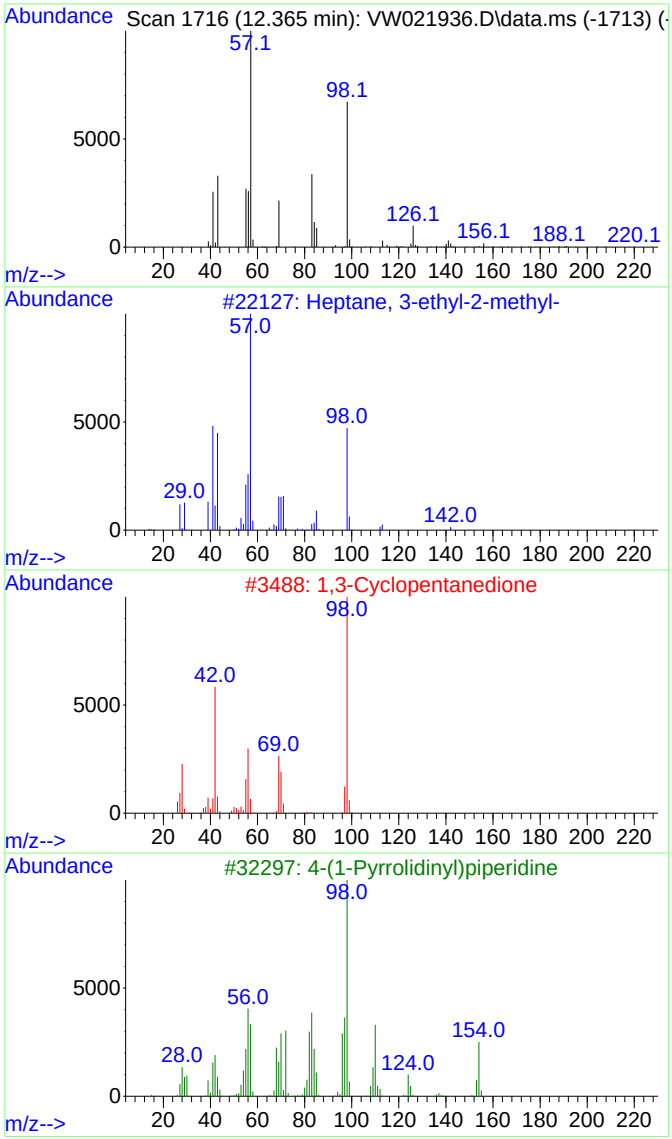
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

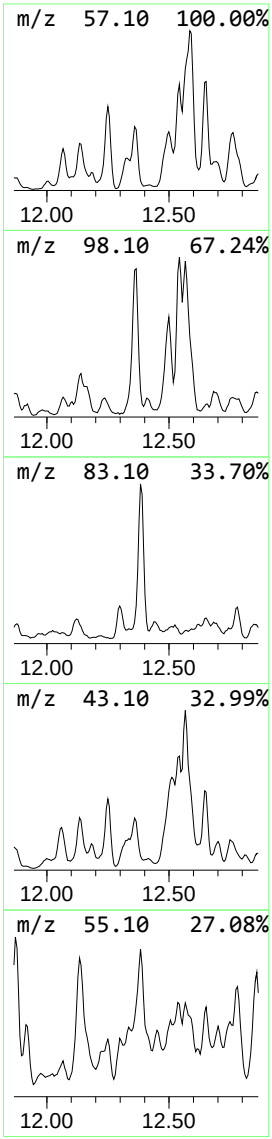
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	57.64 ug/L	528544	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	38
3	4-(1-Pyrrolidinyl)piperidine	154	C9H18N2	005004-07-9	36
4	Cyclooctanone	126	C8H14O	000502-49-8	36
5	Hexanoic acid, 3,5,5-trimethyl-,...	340	C22H44O2	1000406-26-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

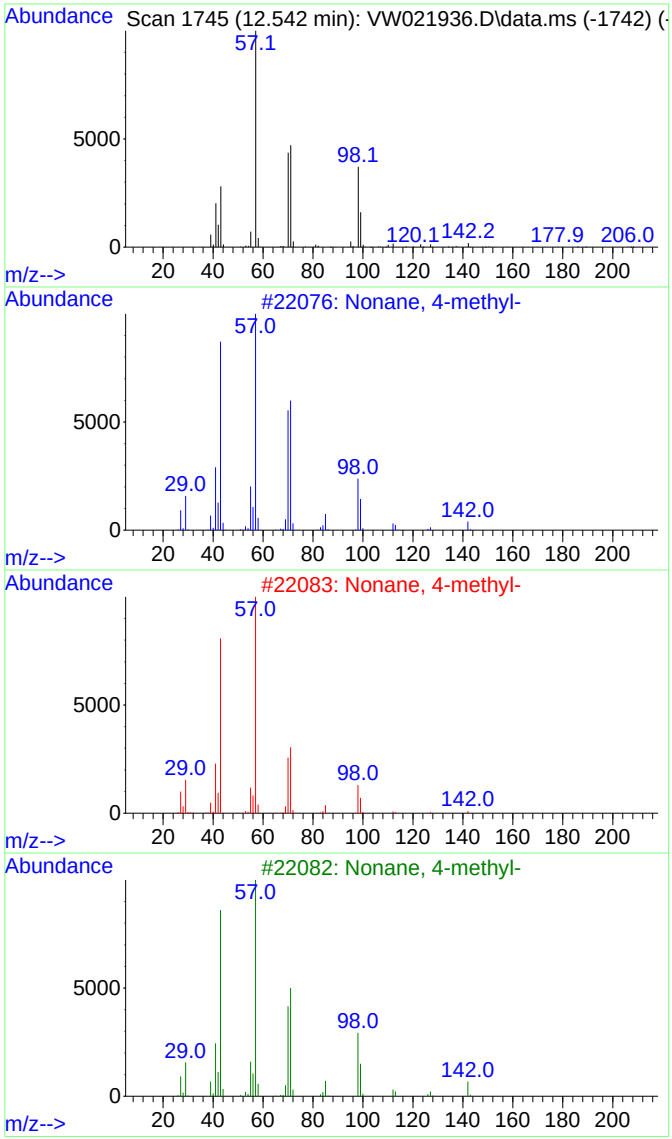
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

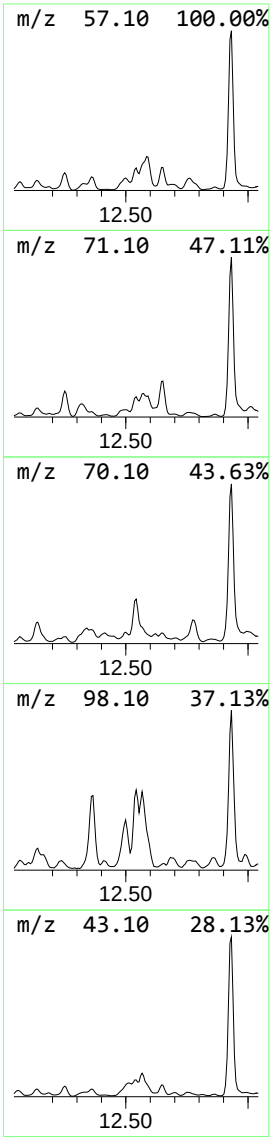
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	24.90 ug/L	228281	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

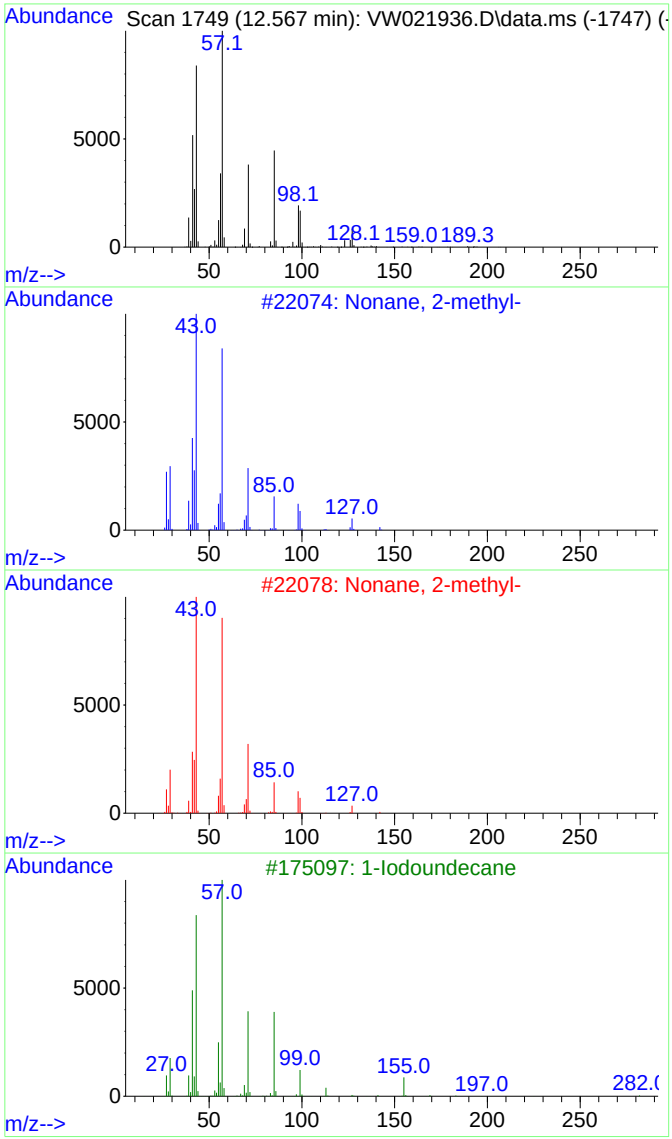
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

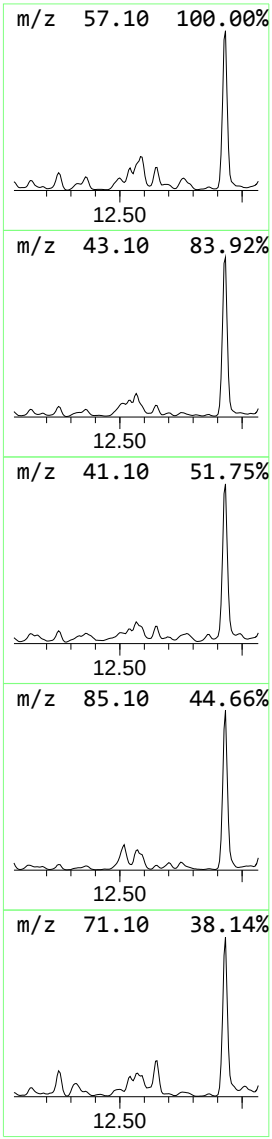
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	33.25 ug/L	304873	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
3	1-Iodoundecane	282	C11H23I	004282-44-4	53
4	Nonane	128	C9H20	000111-84-2	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

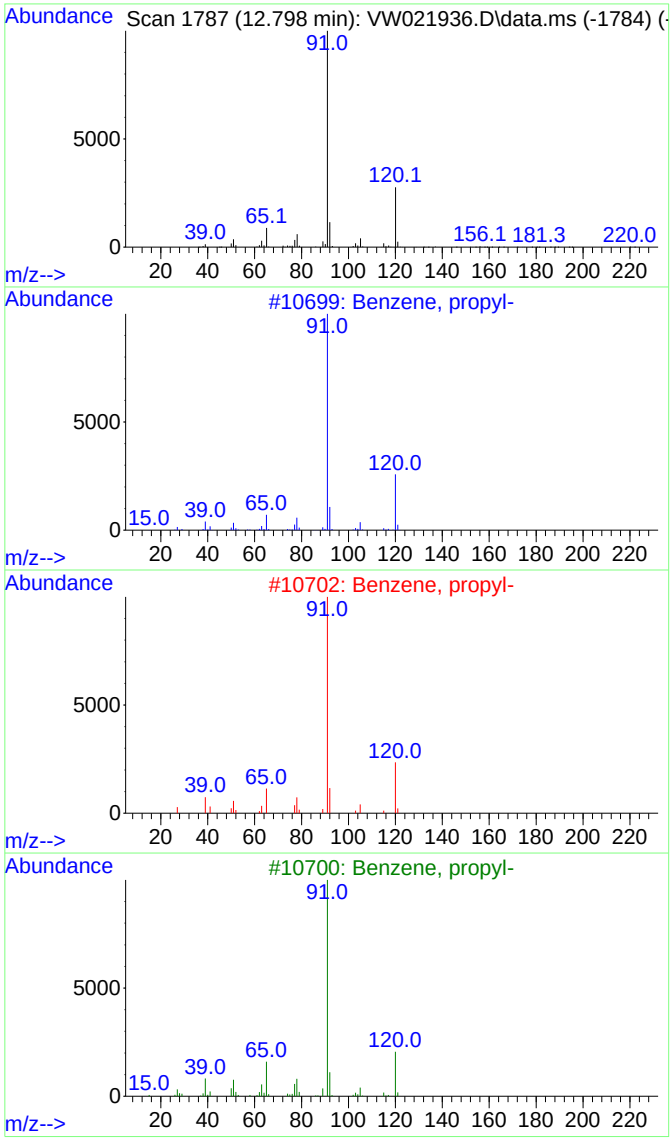
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

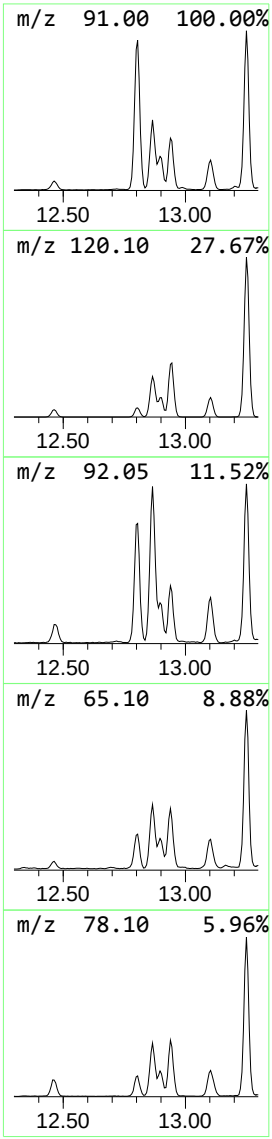
****

Peak Number 31 Benzene, propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	25.18 ug/L	1006740	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

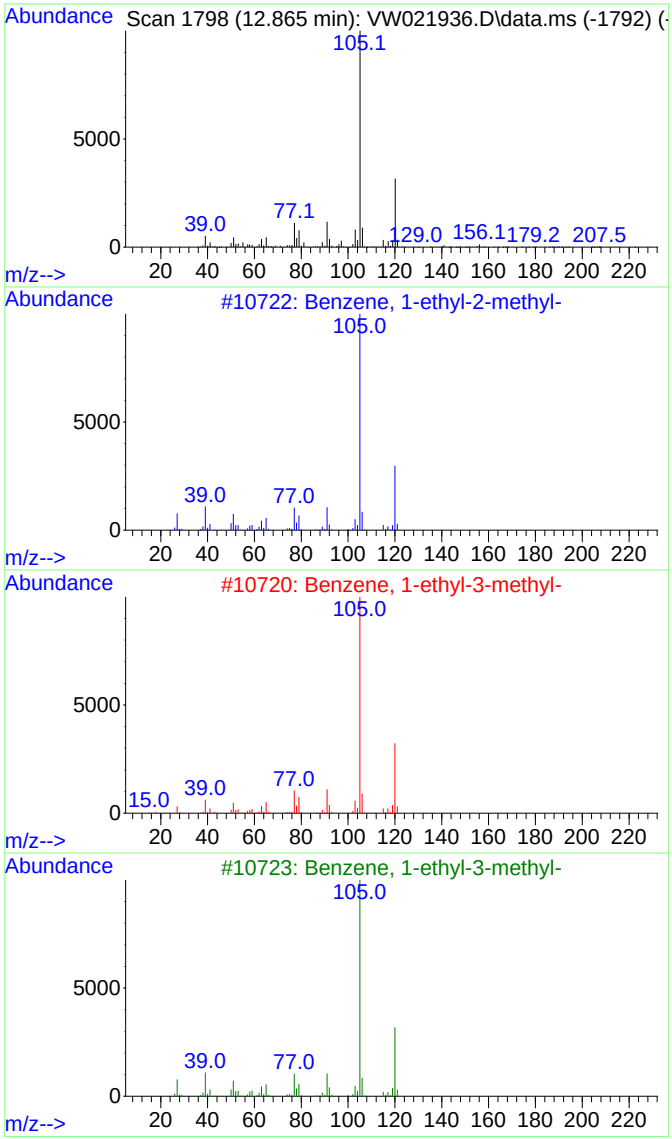
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

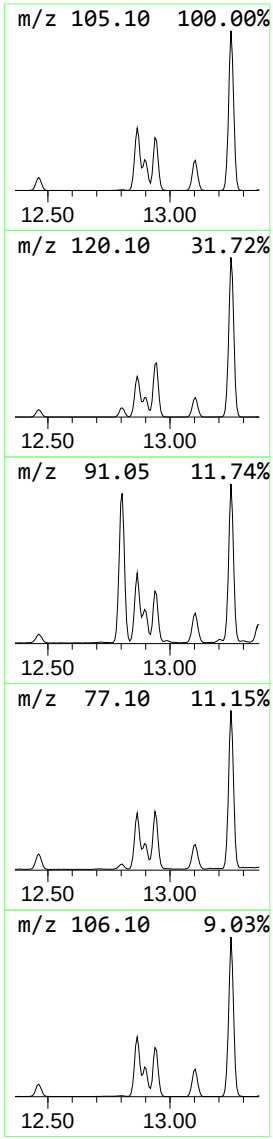
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	120.64 ug/L	4824170	1,4-Dichlorobenzene-d4	13.560

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-3-methyl-	120	C9H12	000620-14-4	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-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

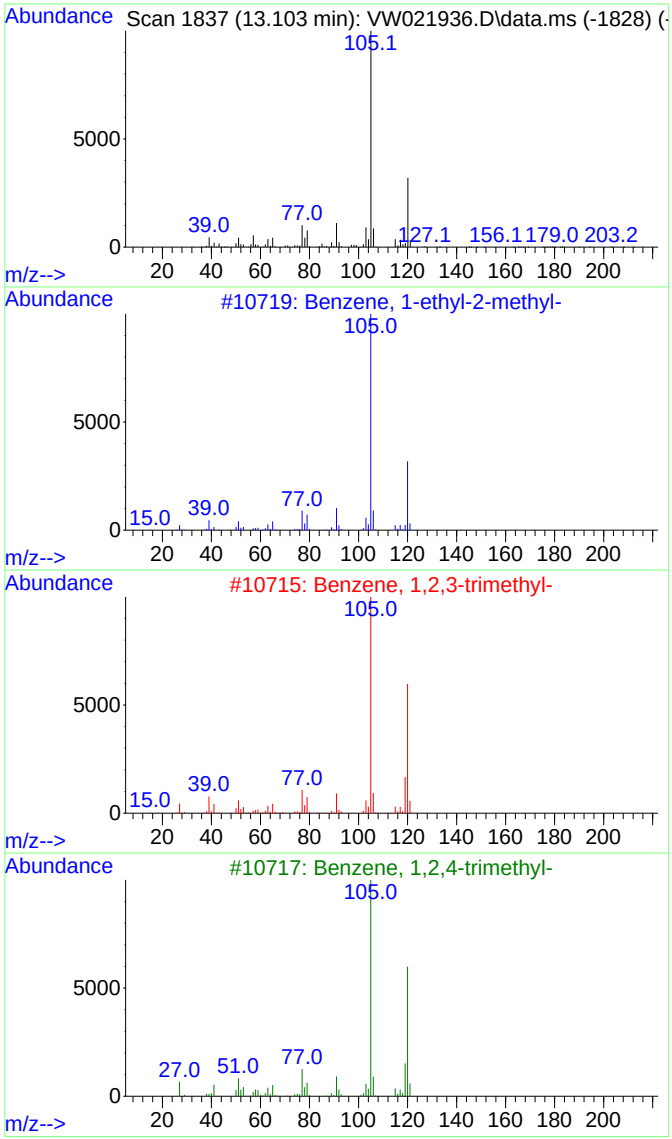
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

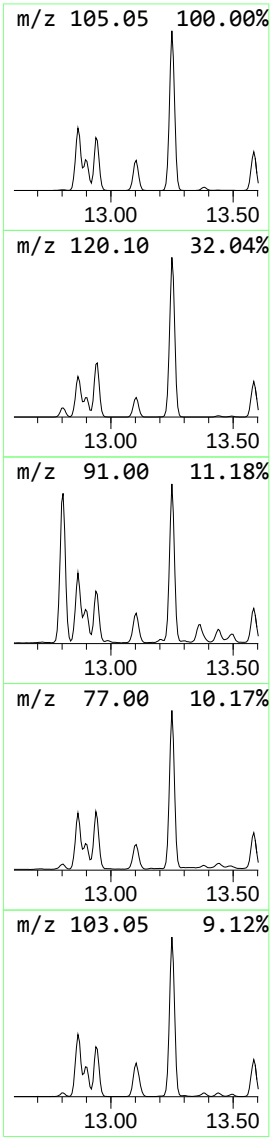
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	90.34 ug/L	3612250	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

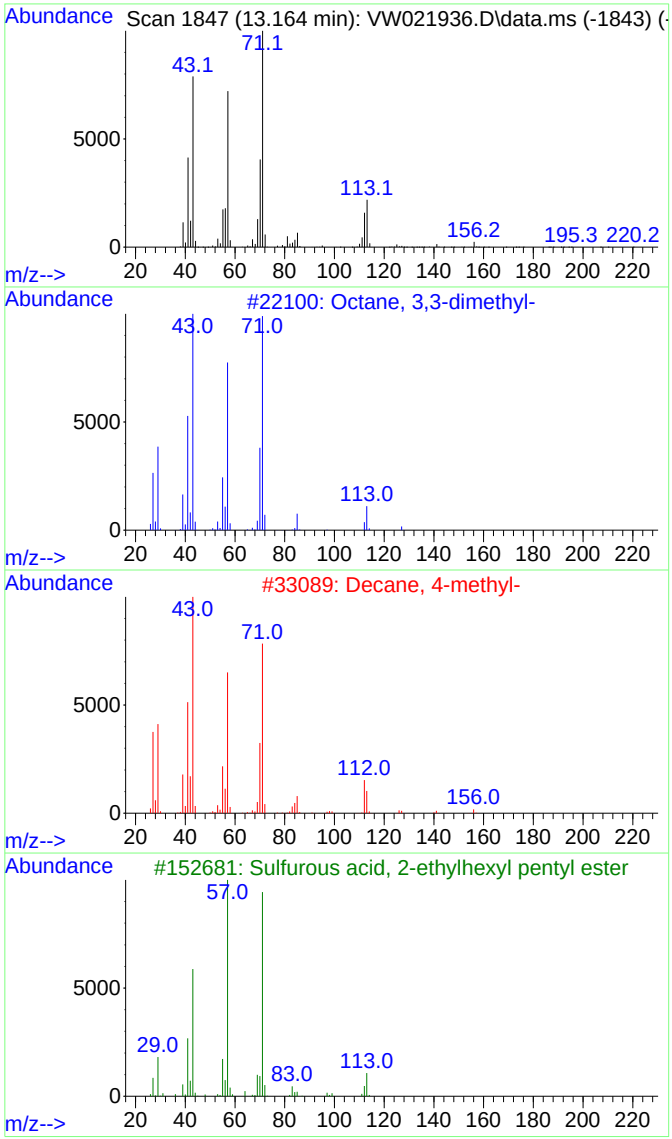
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

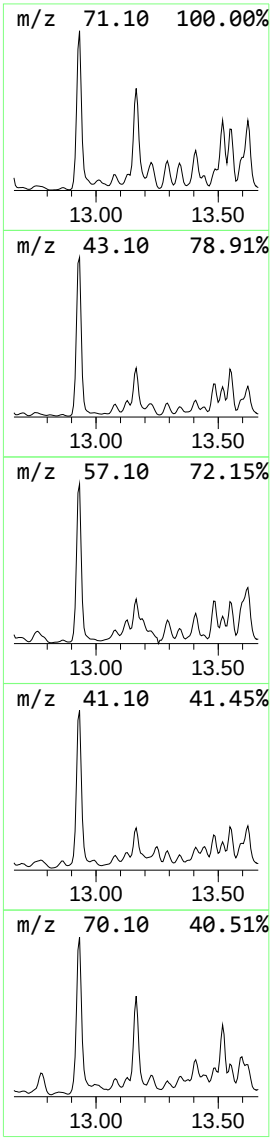
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	62.69 ug/L	2506950	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
2	Decane, 4-methyl-	156	C11H24	002847-72-5	64
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	n-Amyl ether	158	C10H22O	000693-65-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

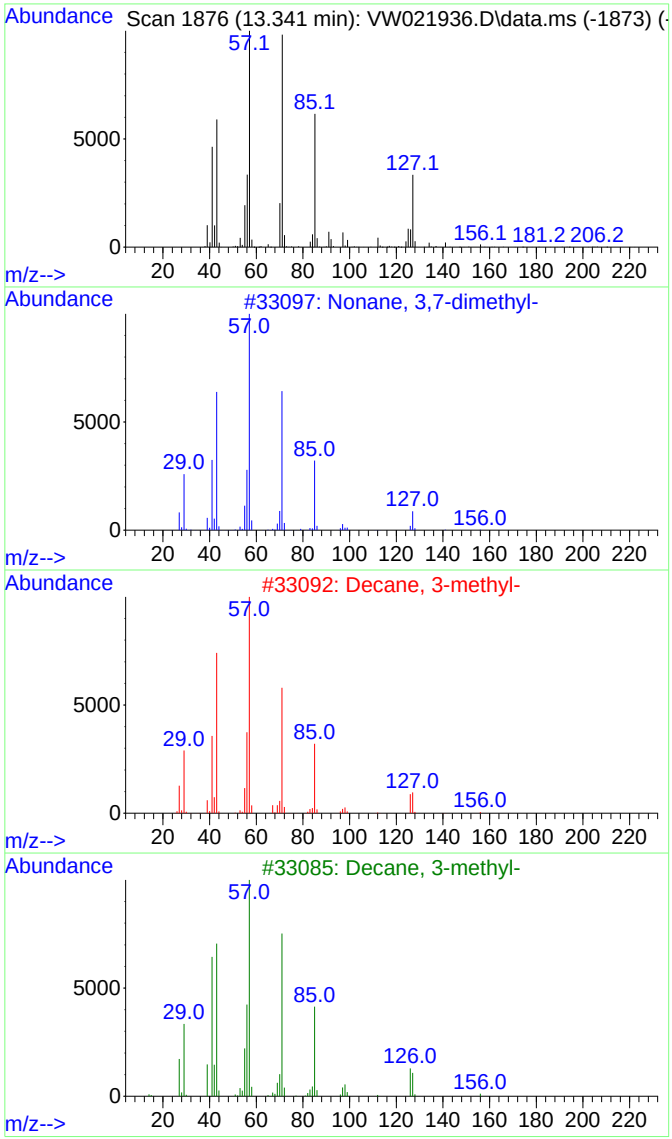
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

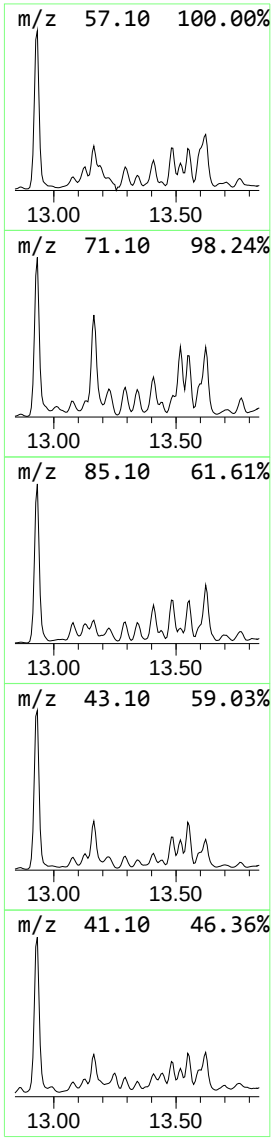
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	10.54 ug/L	421523	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	83
3	Decane, 3-methyl-	156	C11H24	013151-34-3	74
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

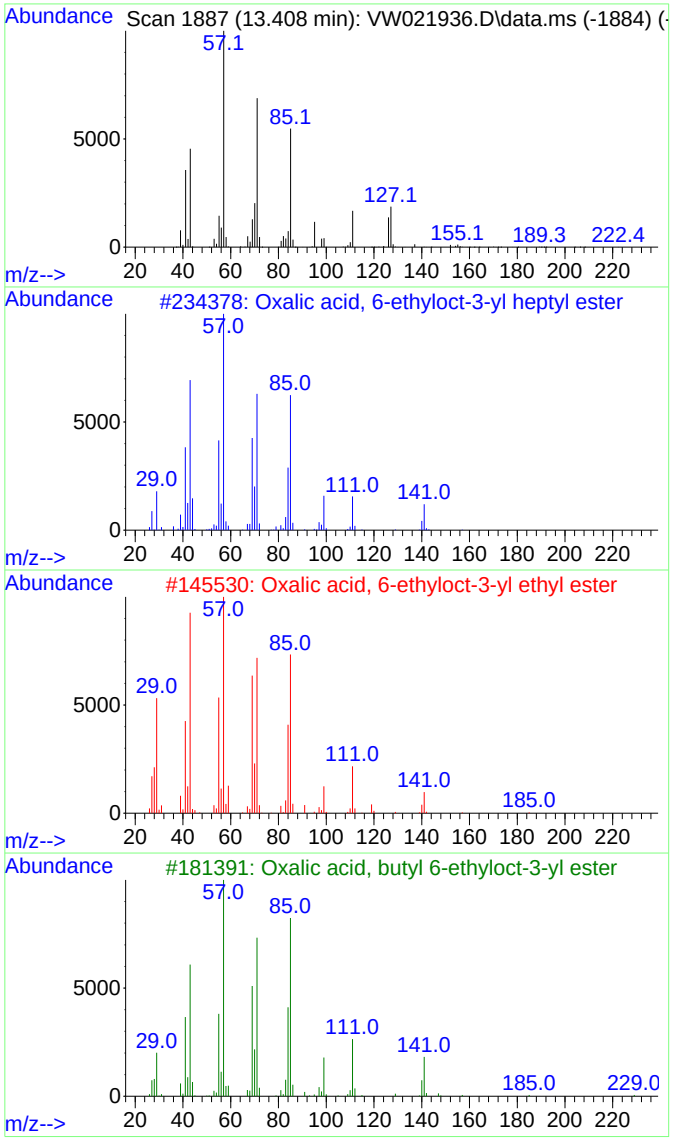
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

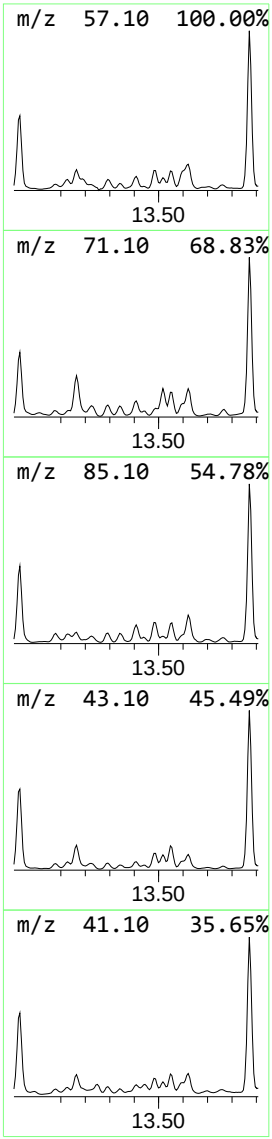
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	16.18 ug/L	646981	1,4-Dichlorobenzene-d4	13.560

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	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	53
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

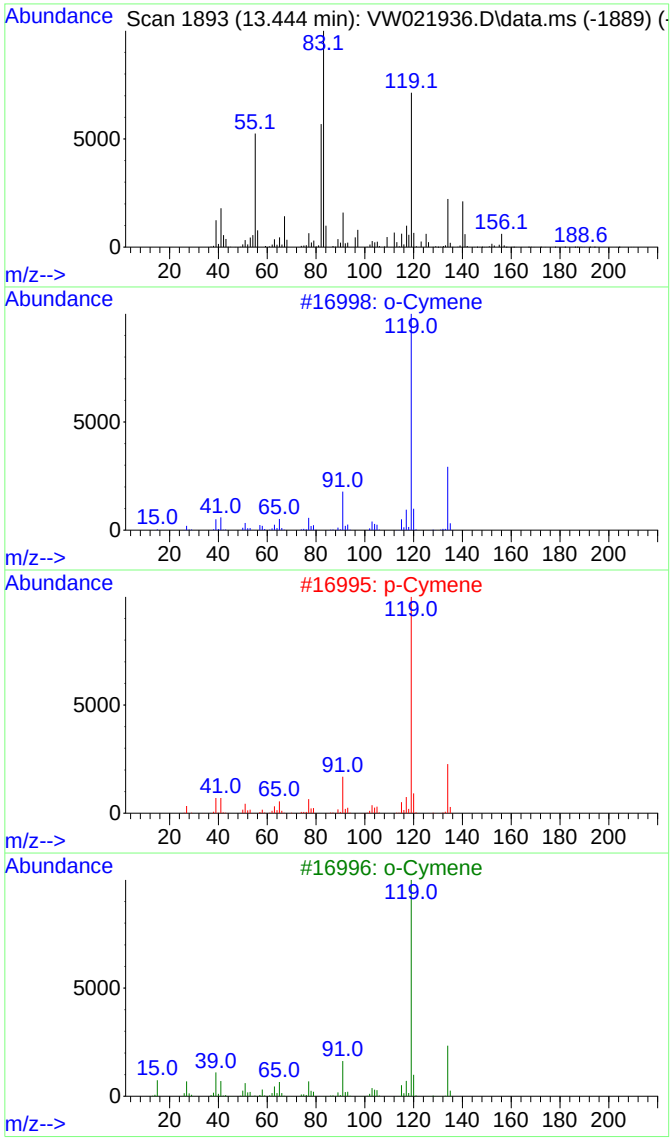
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

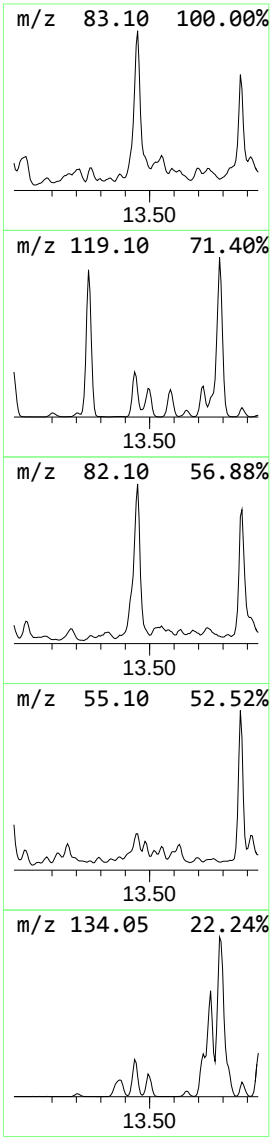
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 o-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	17.97 ug/L	718730	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
5	p-Cymene	134	C10H14	000099-87-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

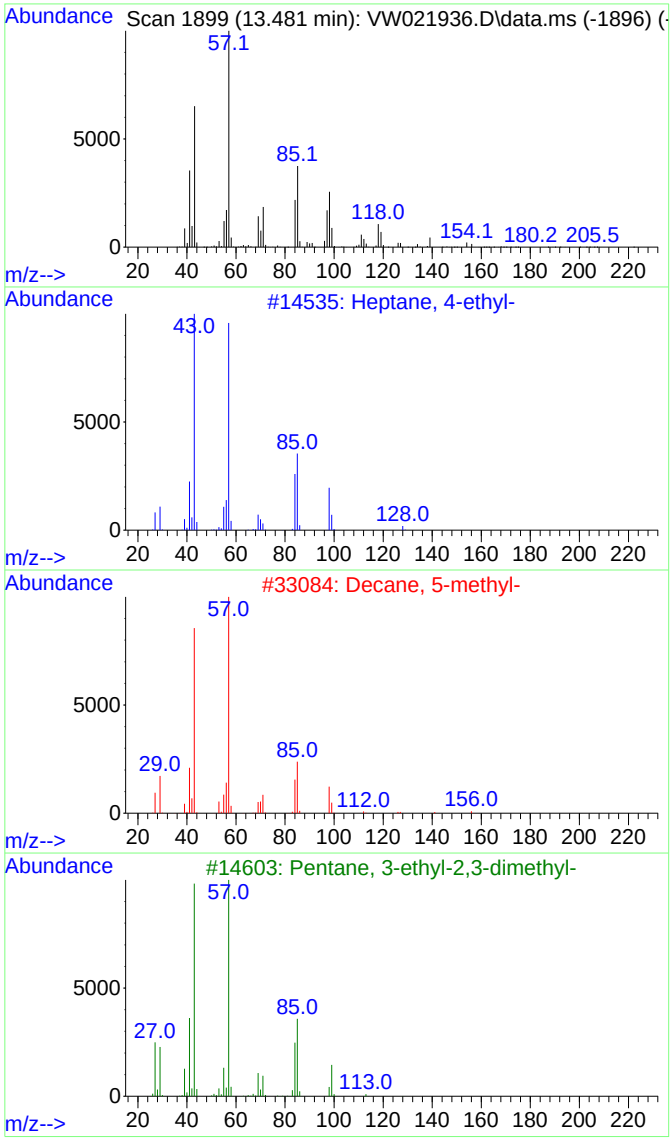
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

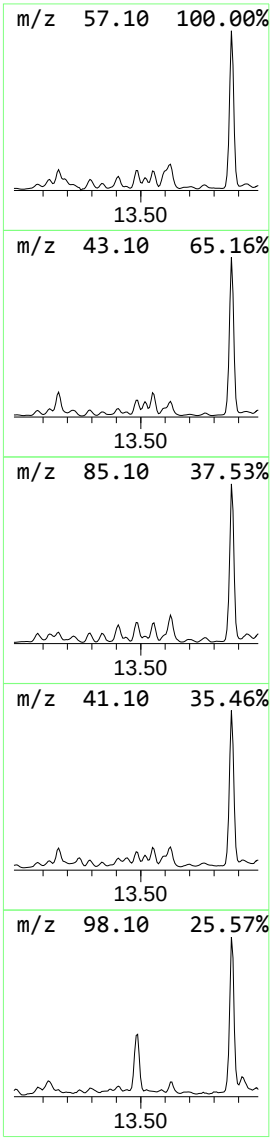
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	34.51 ug/L	1379910	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
2	Decane, 5-methyl-	156	C11H24	013151-35-4	43
3	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	38
4	Decane, 5-methyl-	156	C11H24	013151-35-4	35
5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

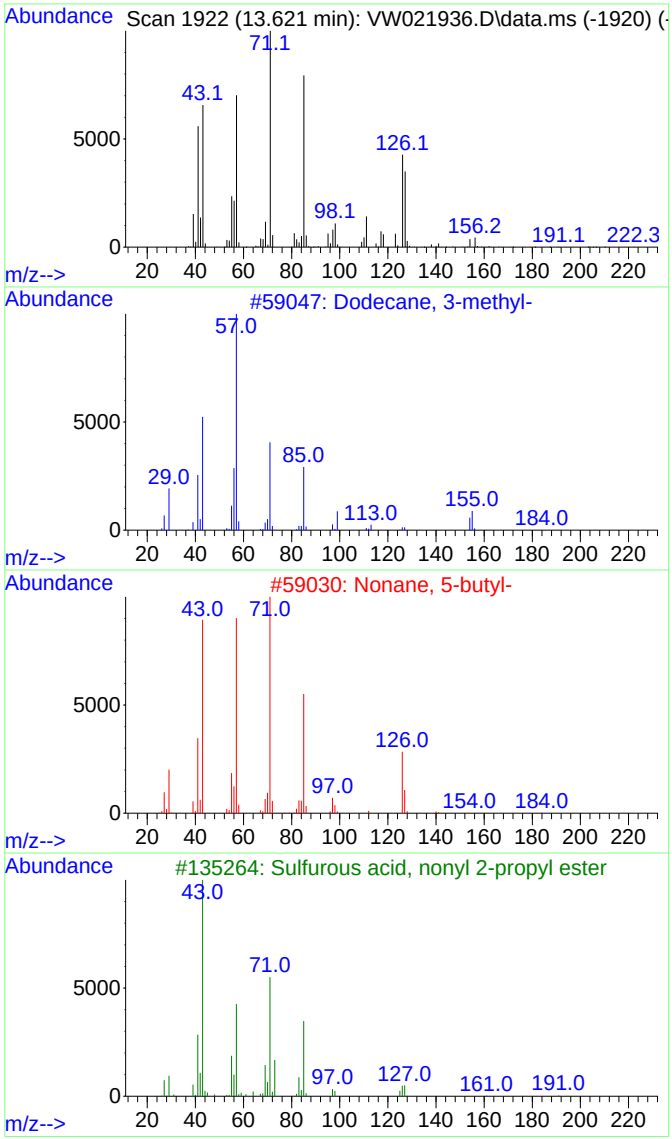
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

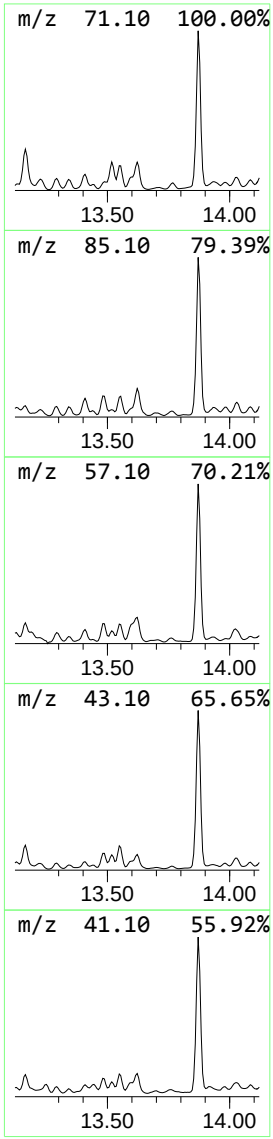
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	50.61 ug/L	2023730	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50
4	Decane, 3-methyl-	156	C11H24	013151-34-3	49
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

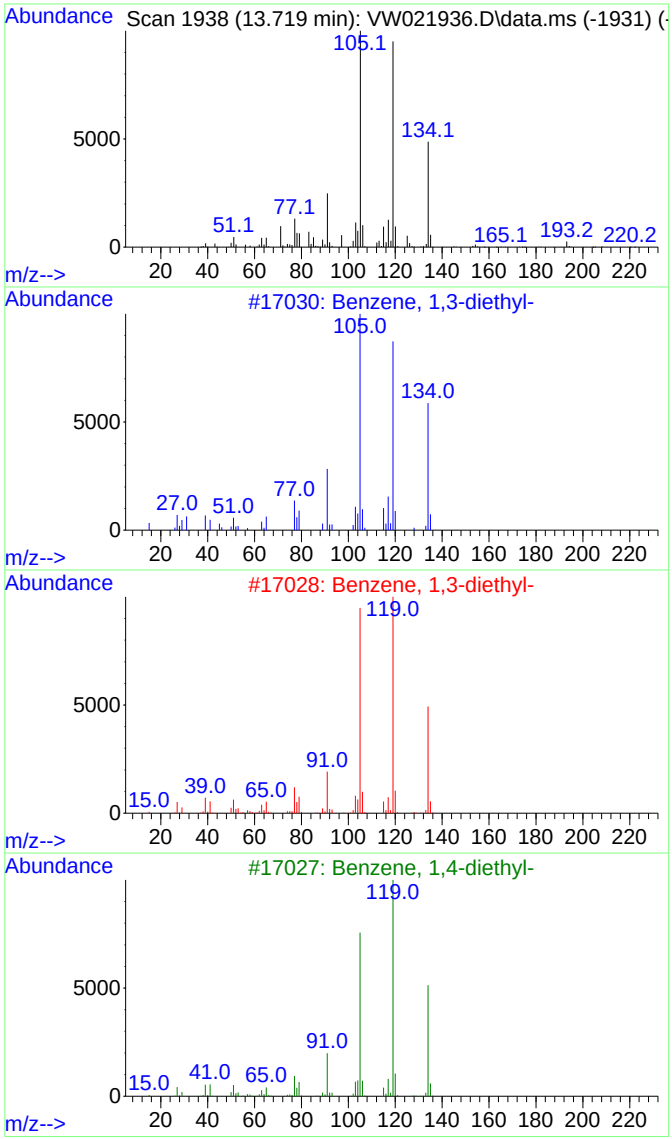
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

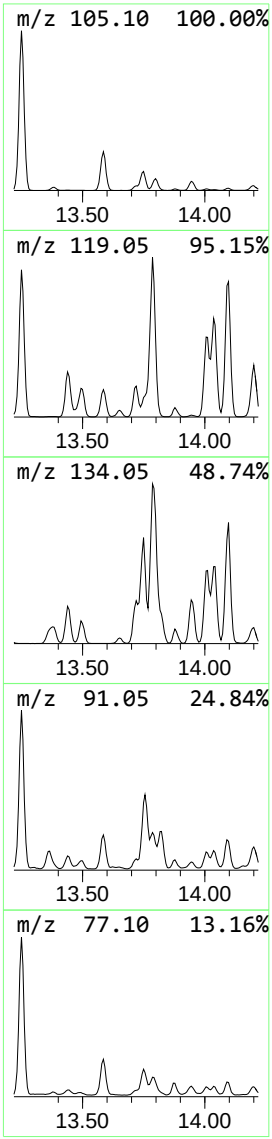
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,3-diethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	15.23 ug/L	609152	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

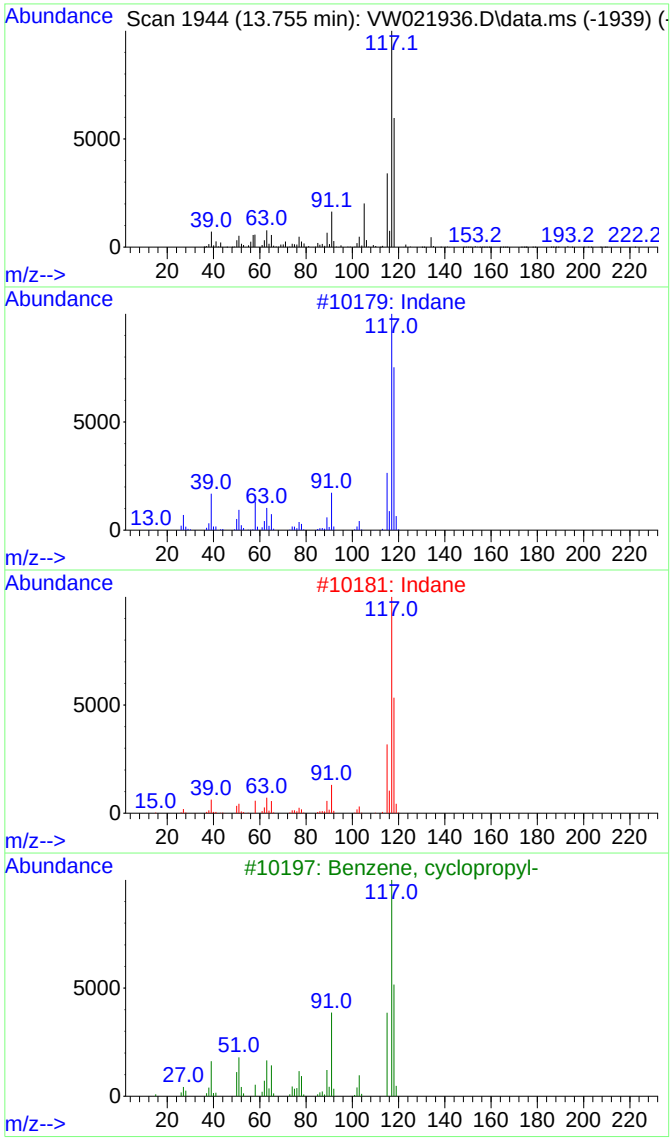
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

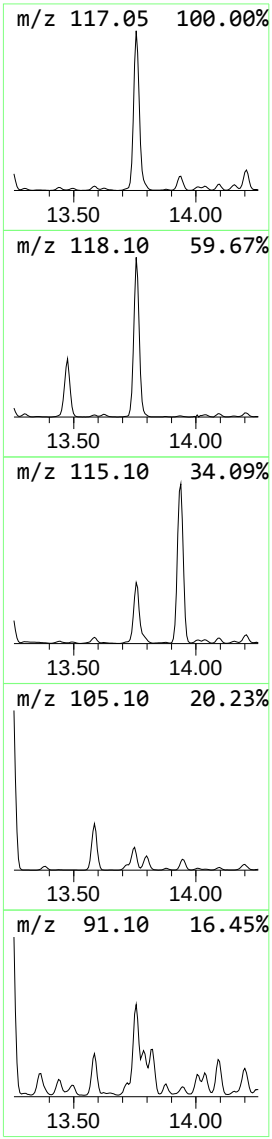
****

Peak Number 41 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	123.68 ug/L	4945330	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

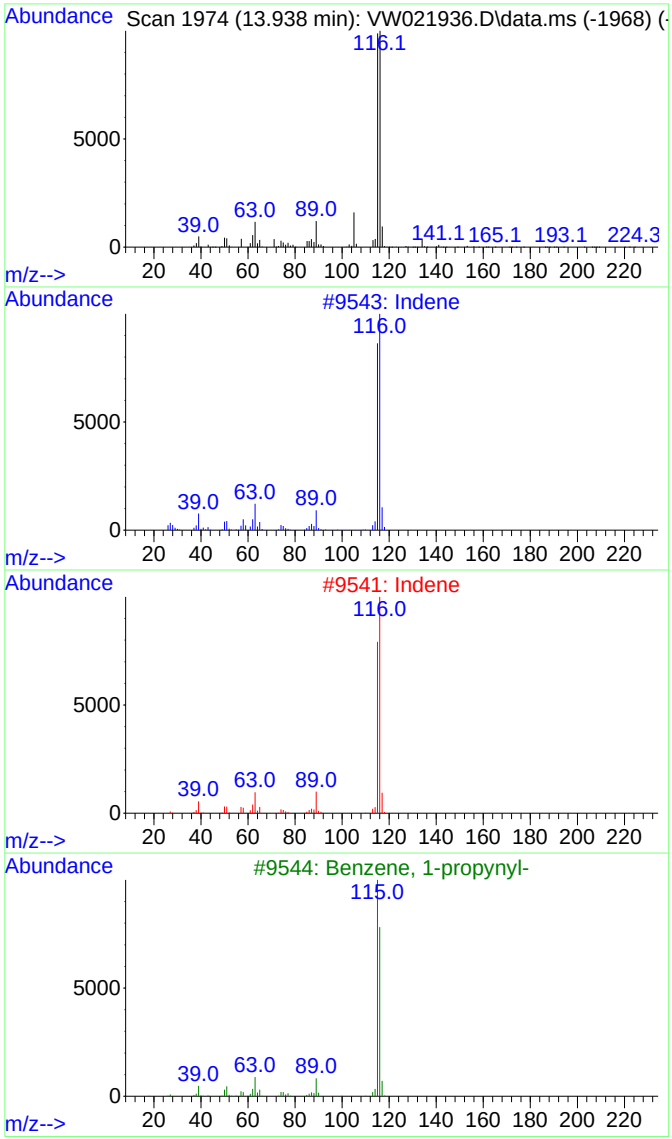
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

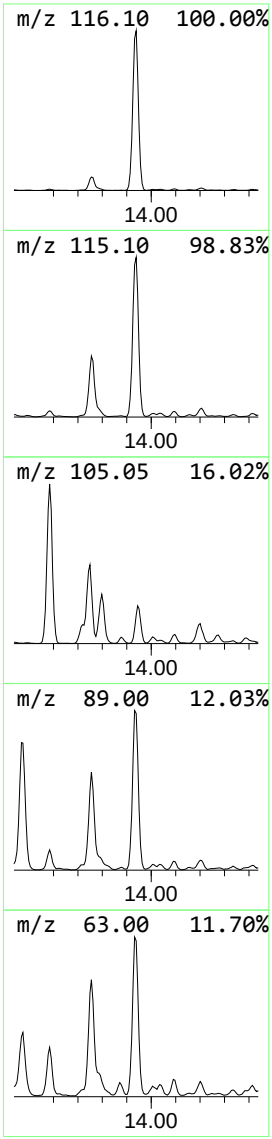
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	107.73 ug/L	4307780	1,4-Dichlorobenzene-d4	13.560

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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

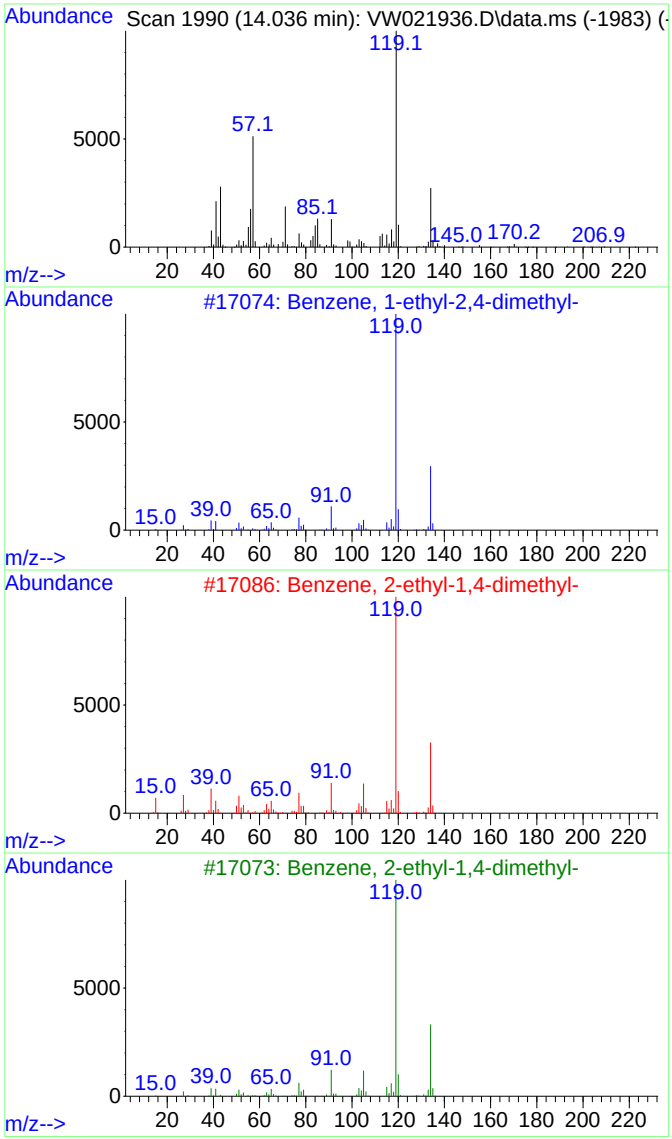
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

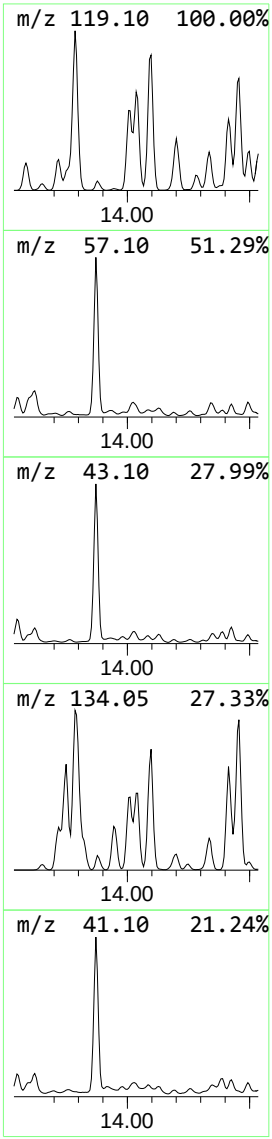
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	62.57 ug/L	2502050	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

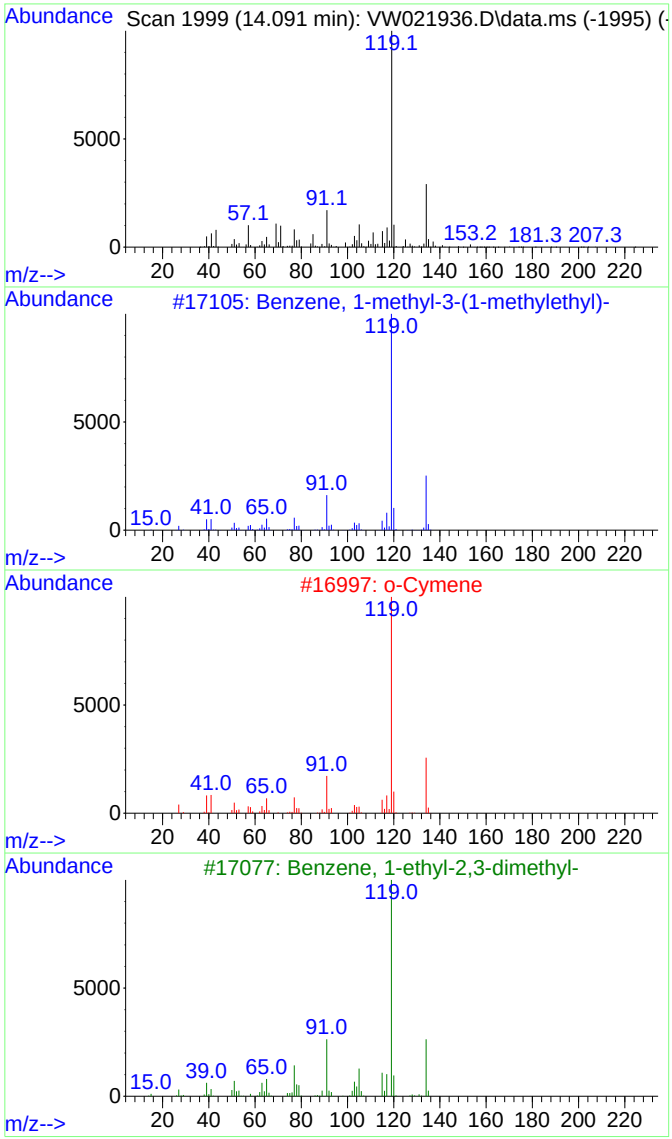
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

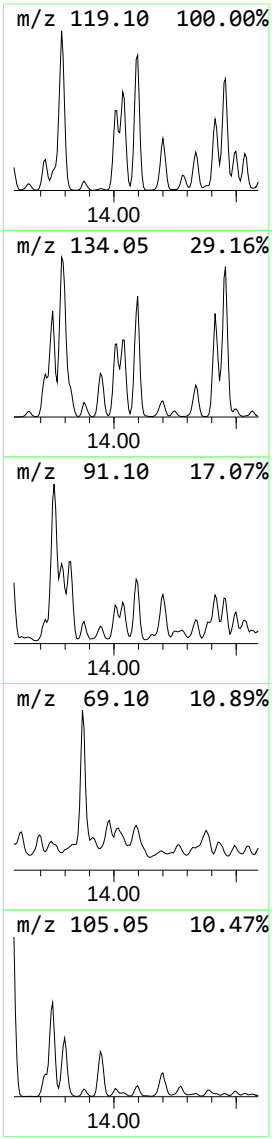
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-methyl-3-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	37.81 ug/L	1512030	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

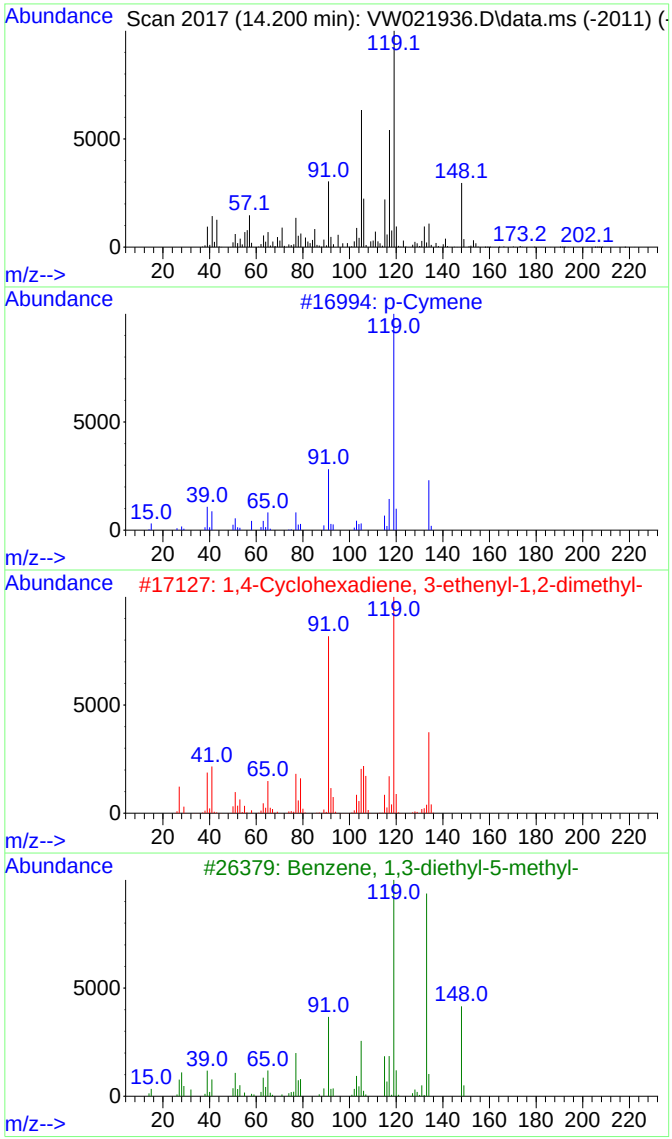
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

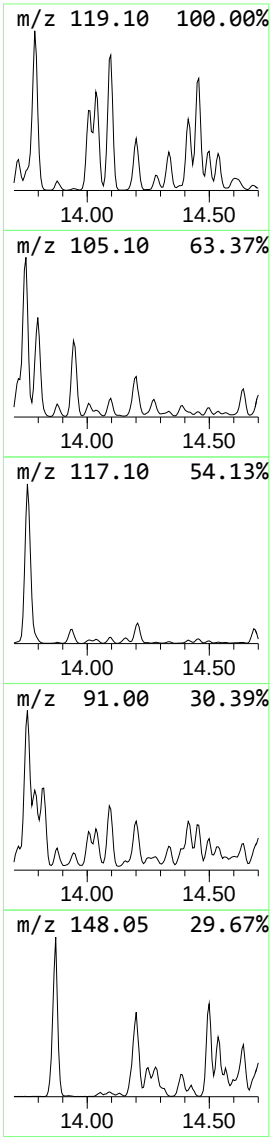
****

Peak Number 45 p-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	35.62 ug/L	1424260	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	50
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	45
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

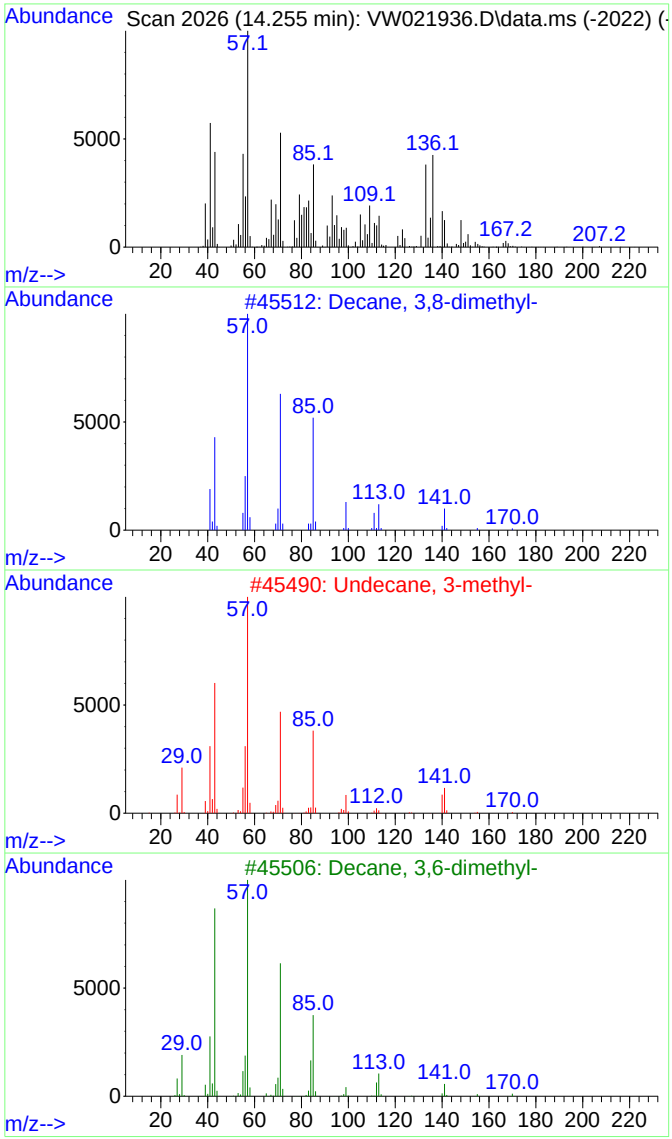
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

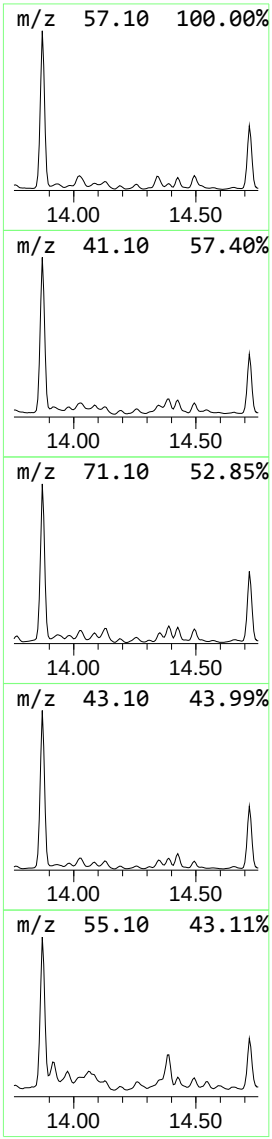
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	26.10 ug/L	1043560	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
4	9-methylheptadecane	254	C18H38	026741-18-4	38
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

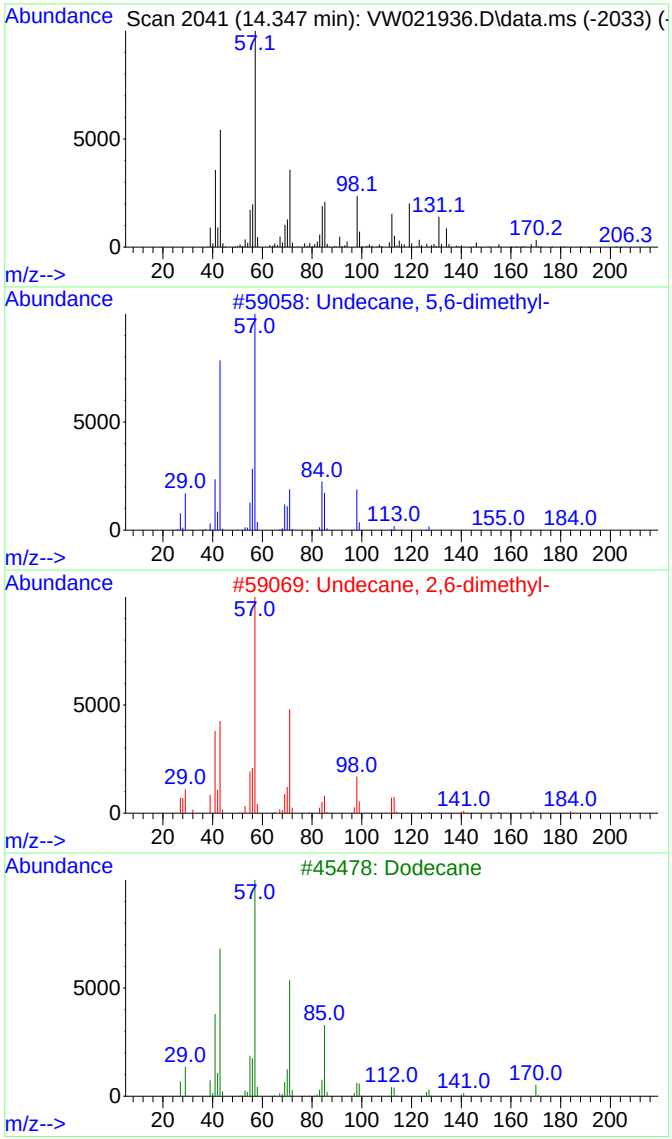
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

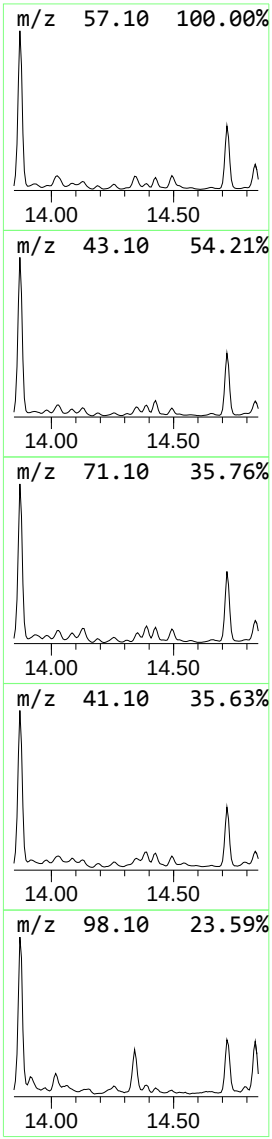
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	47.21 ug/L	1887780	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
3	Dodecane	170	C12H26	000112-40-3	43
4	Dodecane	170	C12H26	000112-40-3	38
5	Decane	142	C10H22	000124-18-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

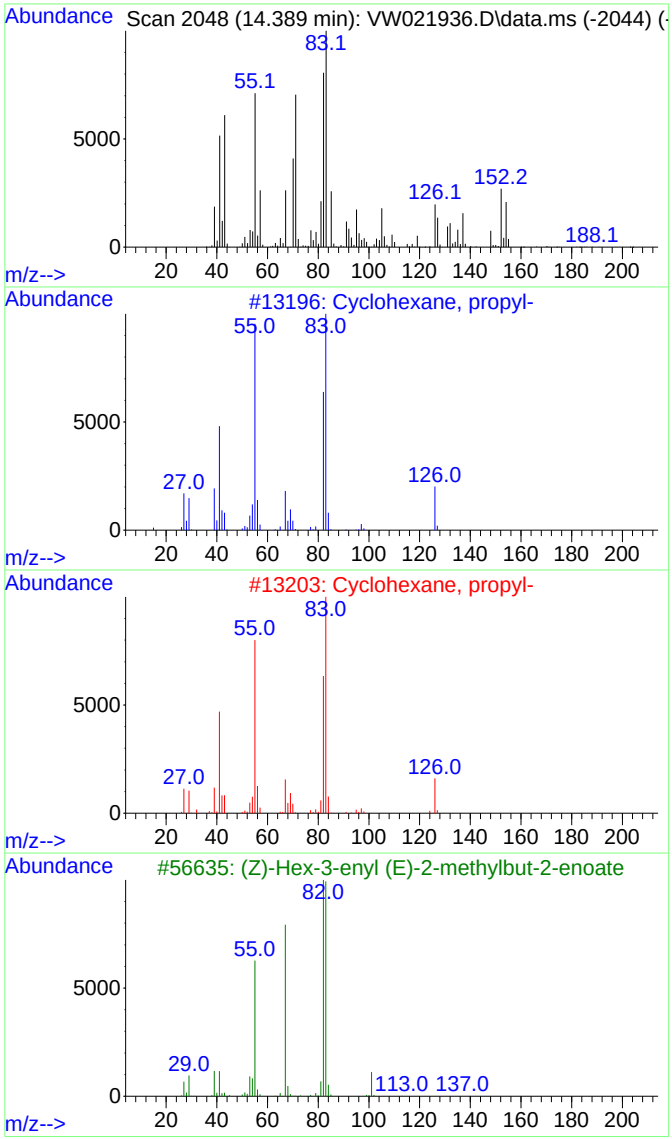
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

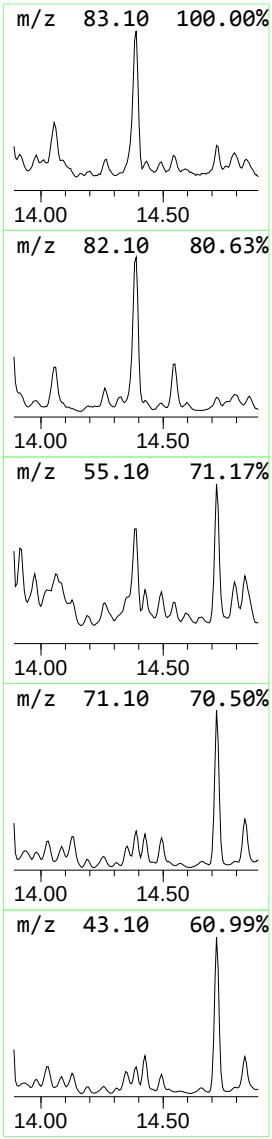
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic14.389 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	39.84 ug/L	1592950	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	35
4	(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	35
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

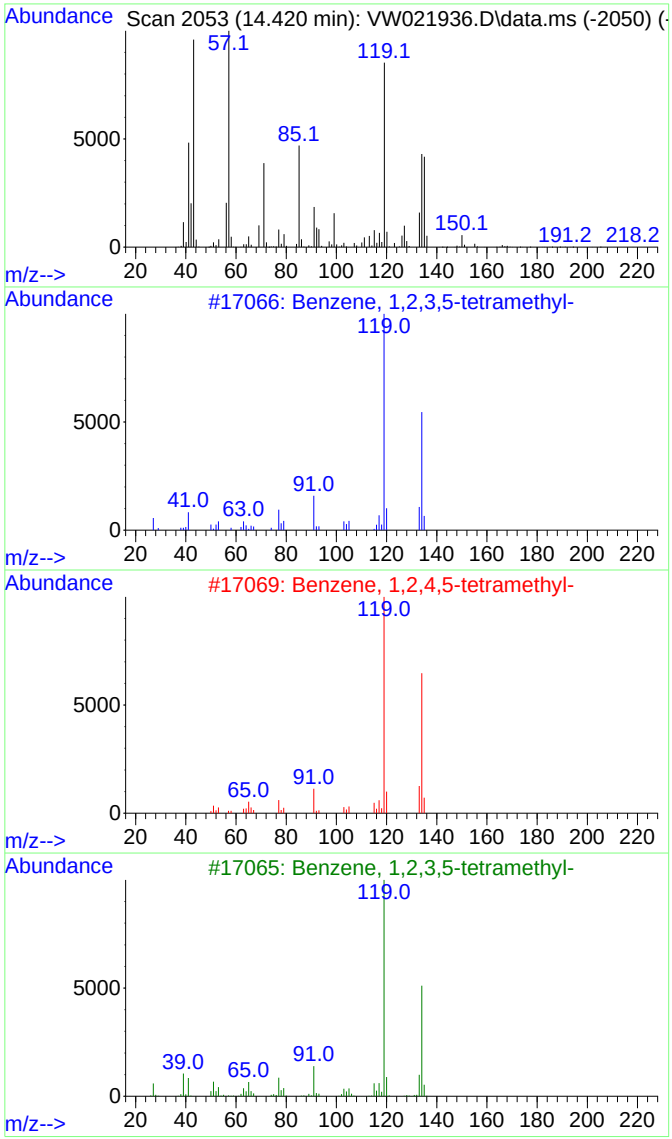
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

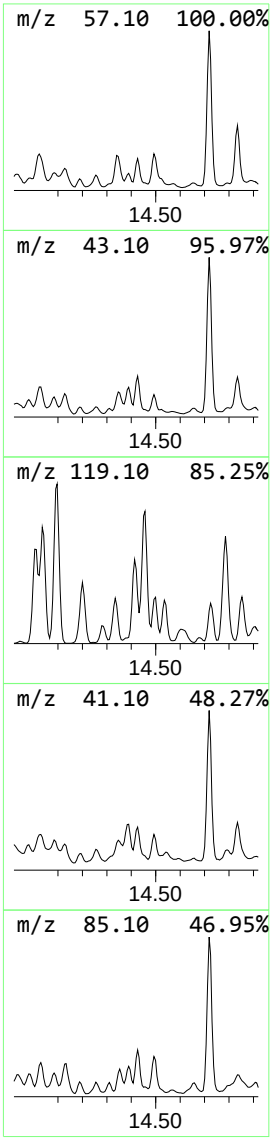
****

Peak Number 49 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	27.72 ug/L	1108510	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	41
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	41
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

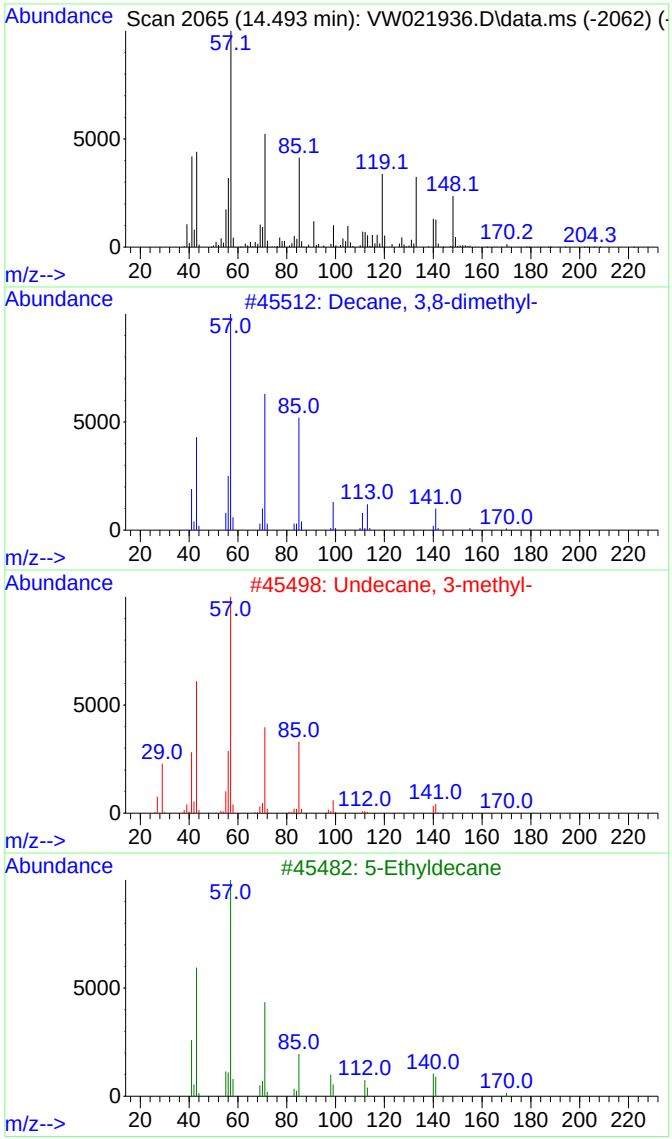
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

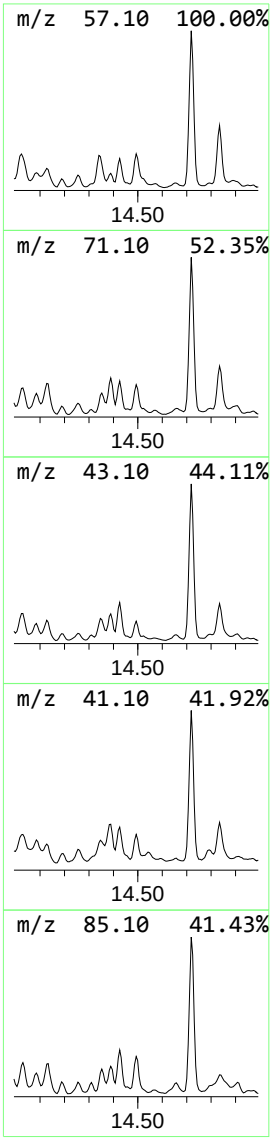
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	41.57 ug/L	1662130	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3	5-Ethyldecane	170	C12H26	017302-36-2	50
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

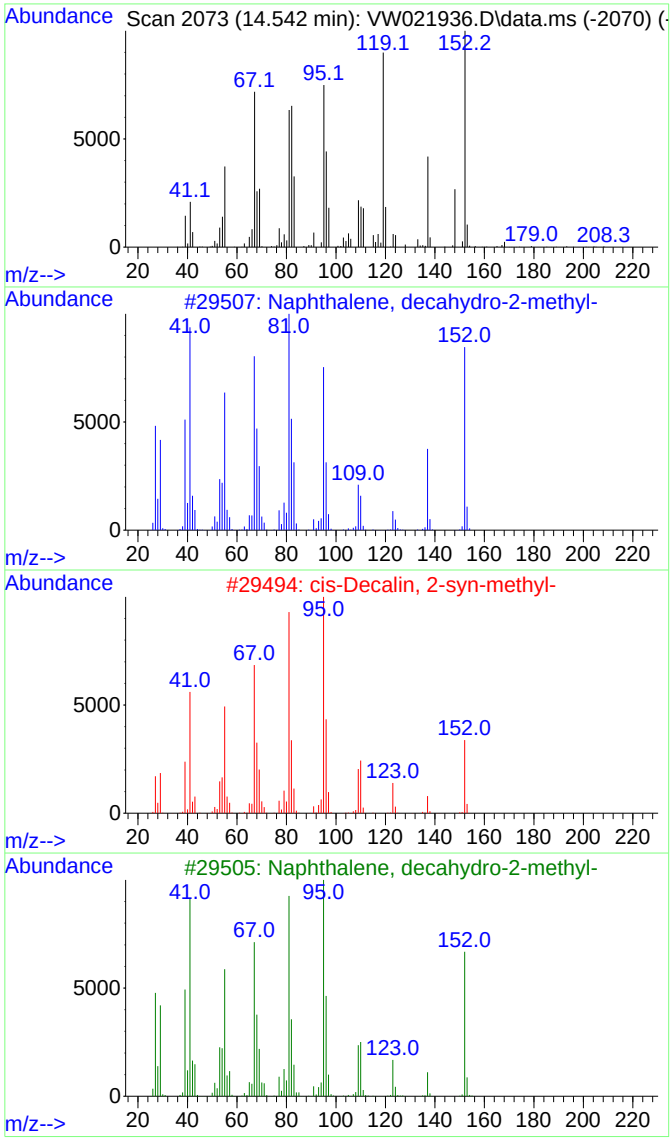
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

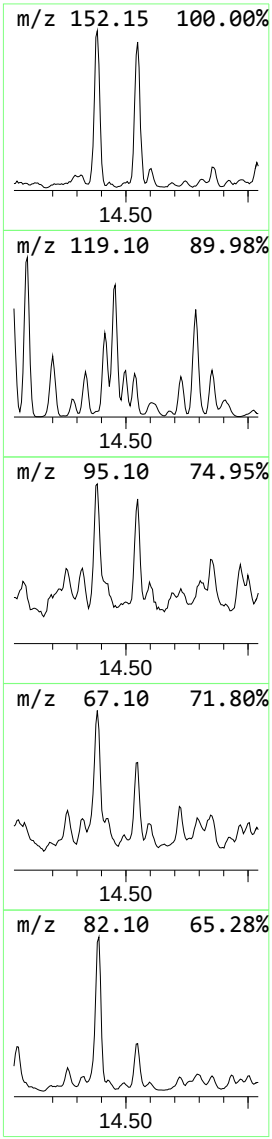
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Naphthalene, decahydro-2-me... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	22.23 ug/L	888853	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
5	8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

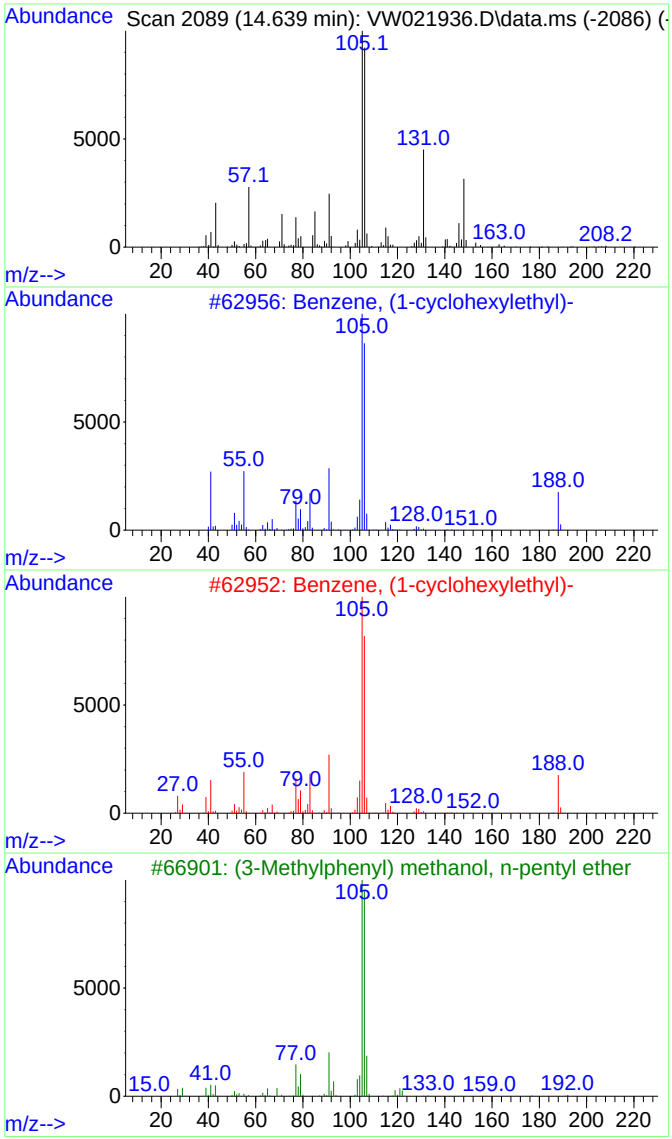
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

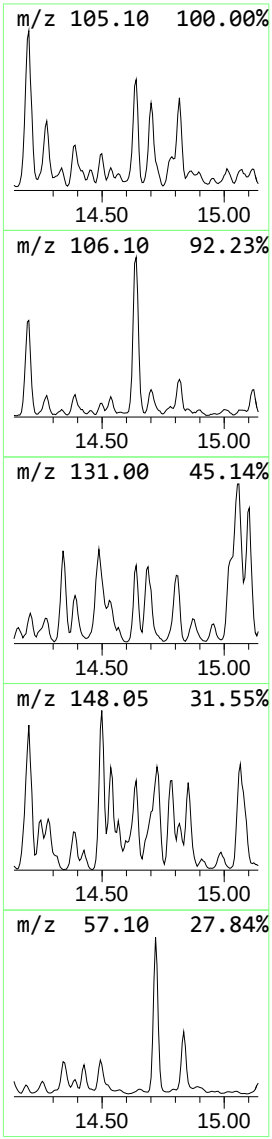
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 unknown-02 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	5.28 ug/L	210970	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	38
2	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	38
3	(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	38
4	N-[2-(Acetoxy)ethyl]pyridine-3-c...	208	C10H12N2O3	083440-03-3	38
5	N-Benzyl-3-bromo-5-methylbenzene...	381	C16H16BrNO3S	1000505-09-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

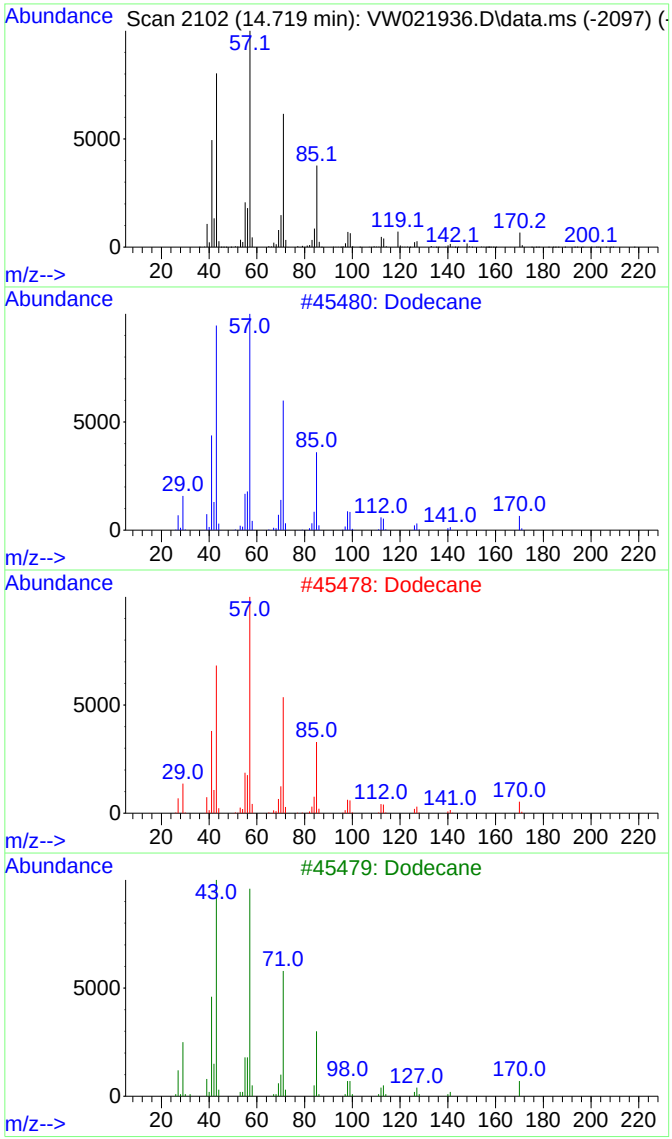
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

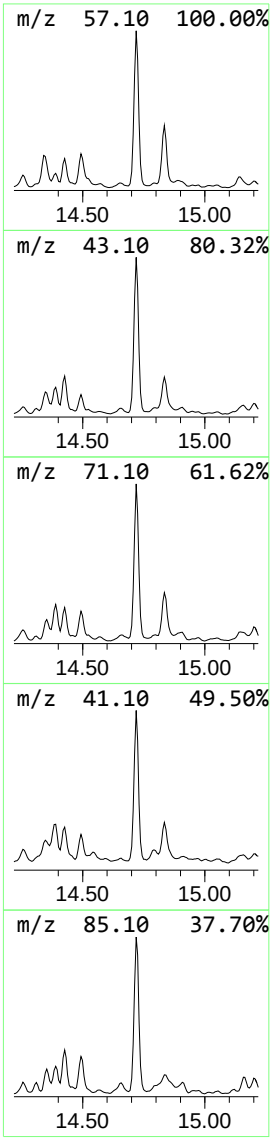
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	149.02 ug/L	5958720	1,4-Dichlorobenzene-d4	13.560

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	Dodecane	170	C12H26	000112-40-3	93
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

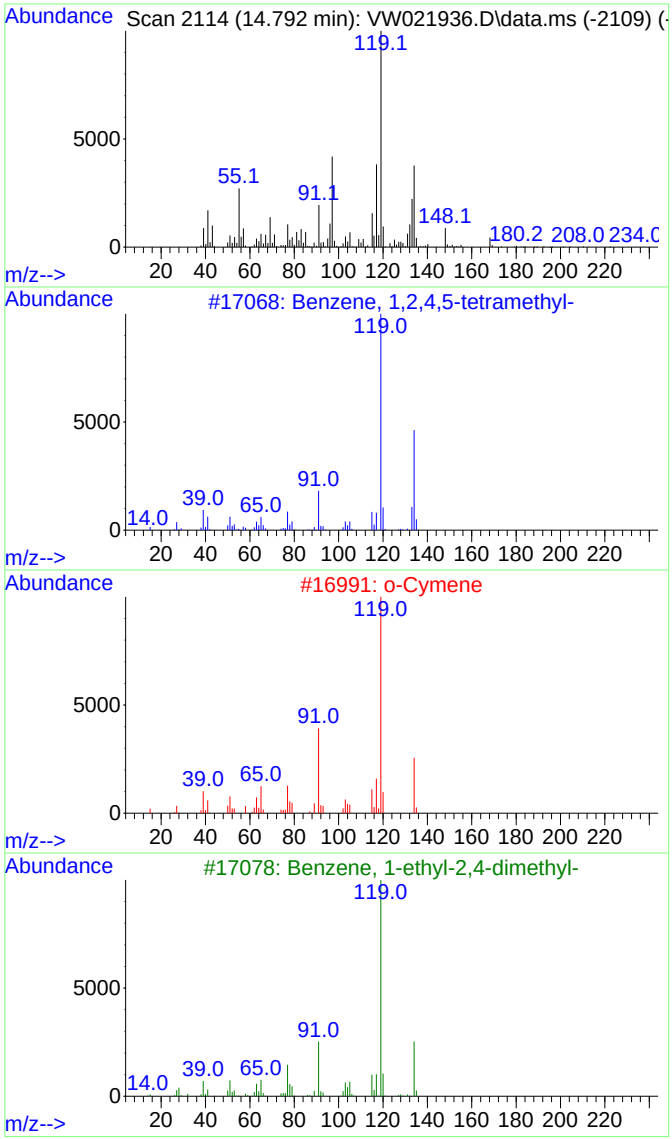
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

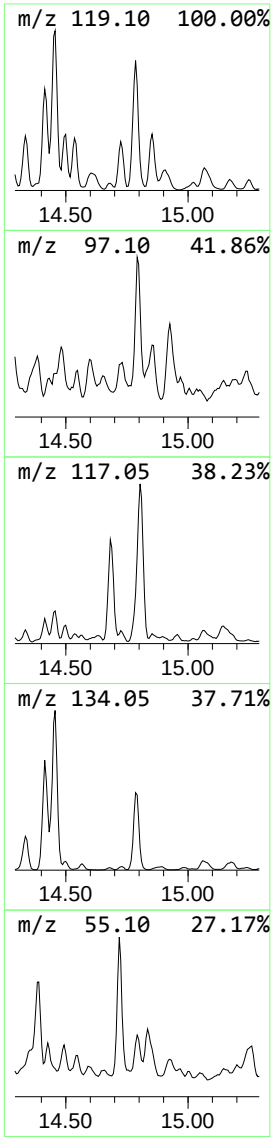
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	53.57 ug/L	2142250	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
2	o-Cymene	134	C10H14	000527-84-4	50
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
4	o-Cymene	134	C10H14	000527-84-4	46
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

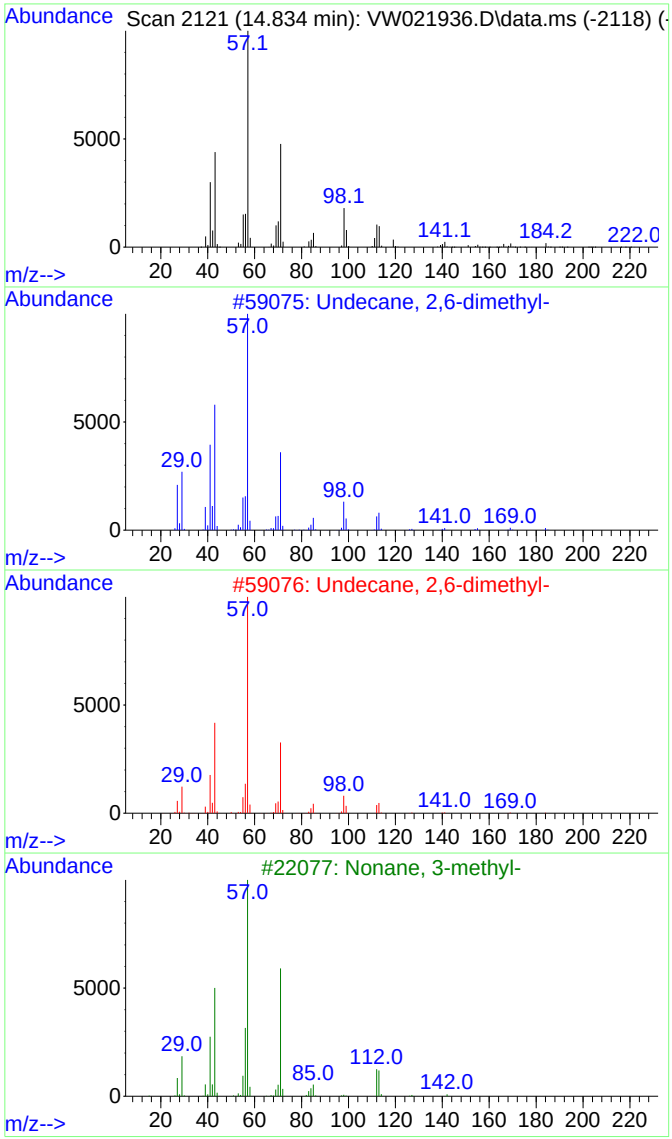
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

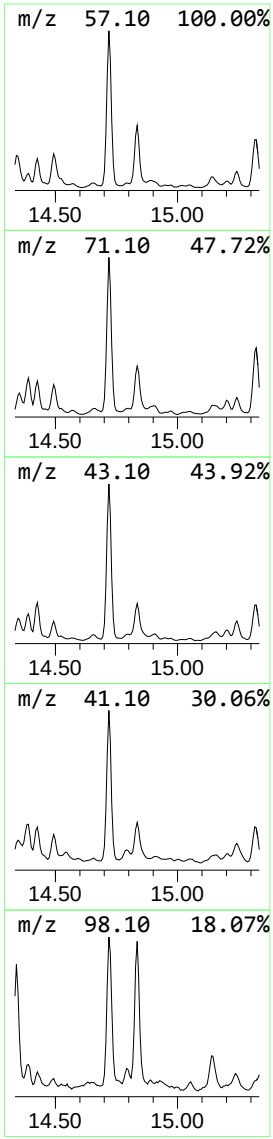
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	57.82 ug/L	2311950	1,4-Dichlorobenzene-d4	13.560

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	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	68
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

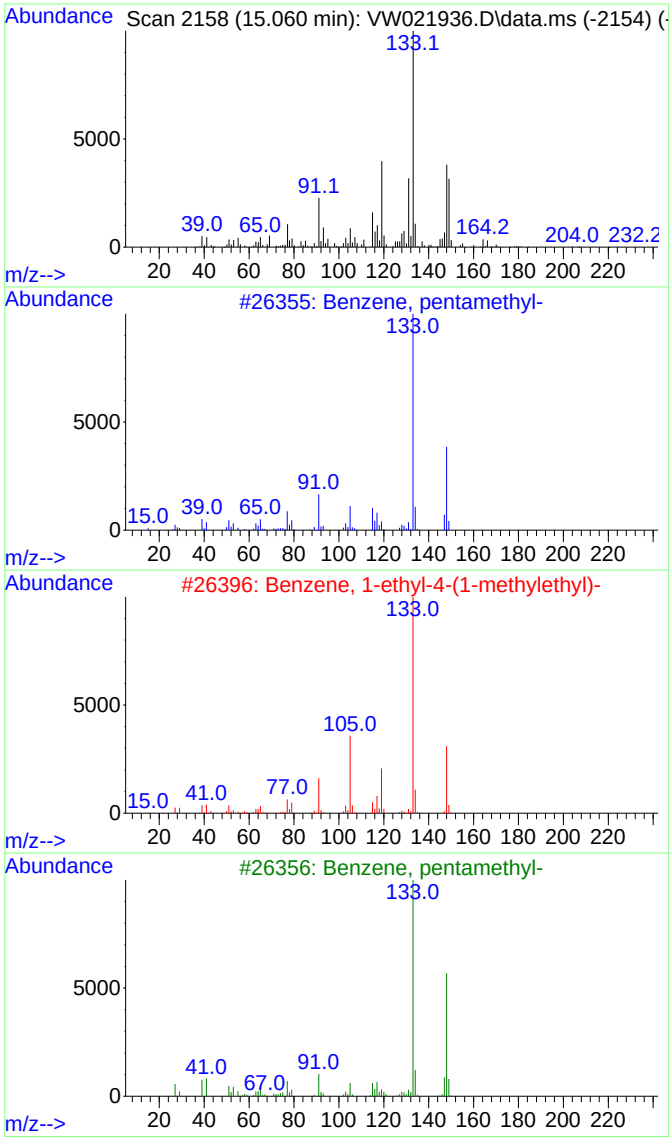
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

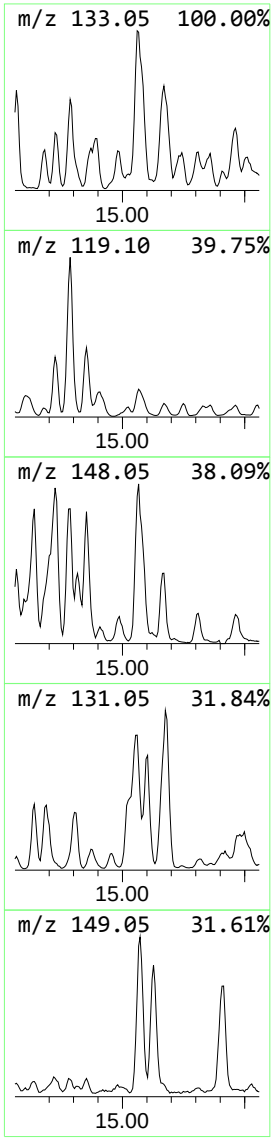
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, pentamethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	13.16 ug/L	526321	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

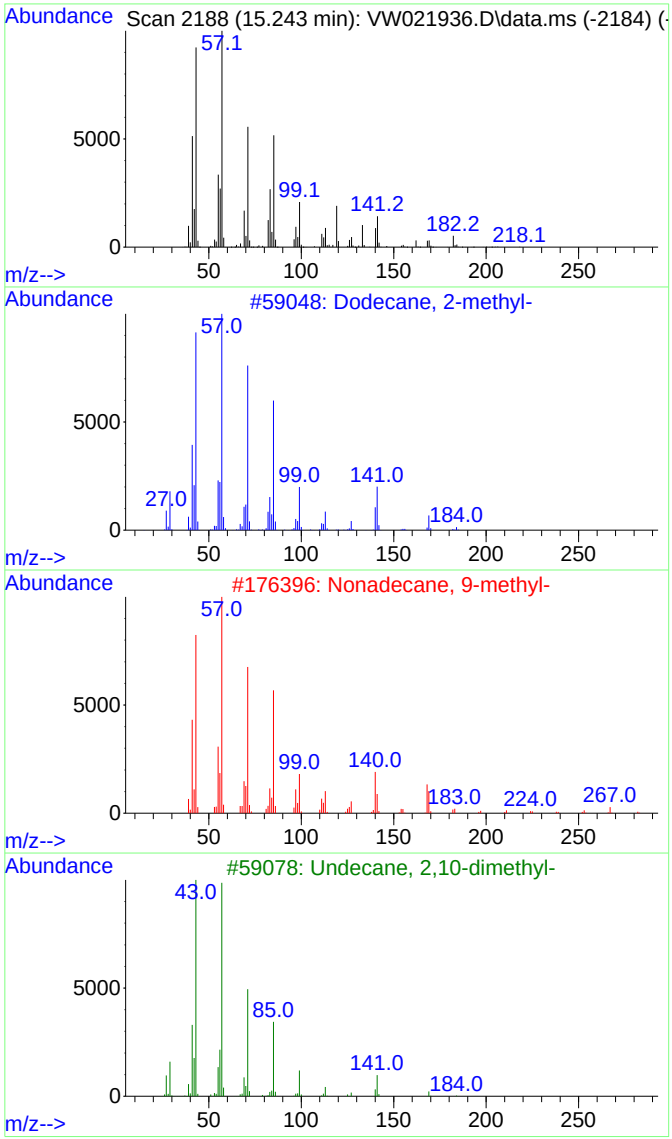
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

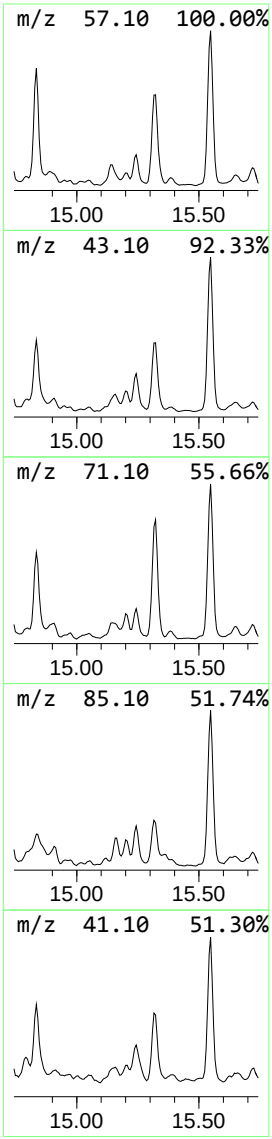
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	35.01 ug/L	1399770	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	92
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	58
4	Heptadecane	240	C17H36	000629-78-7	52
5	Hexacosane	366	C26H54	000630-01-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

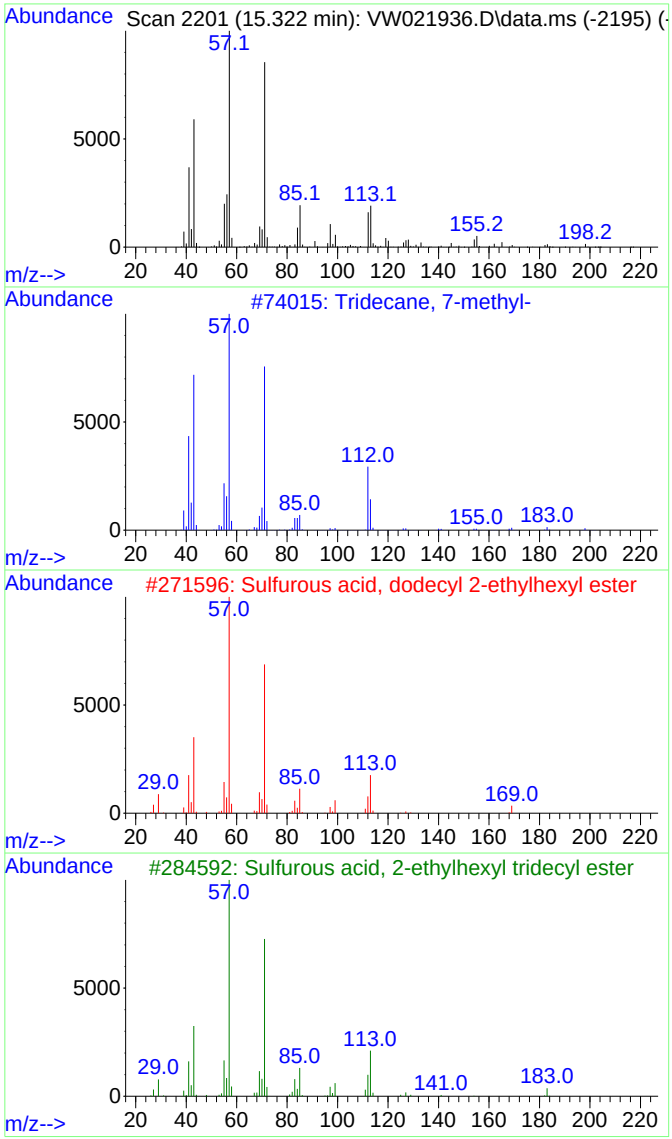
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

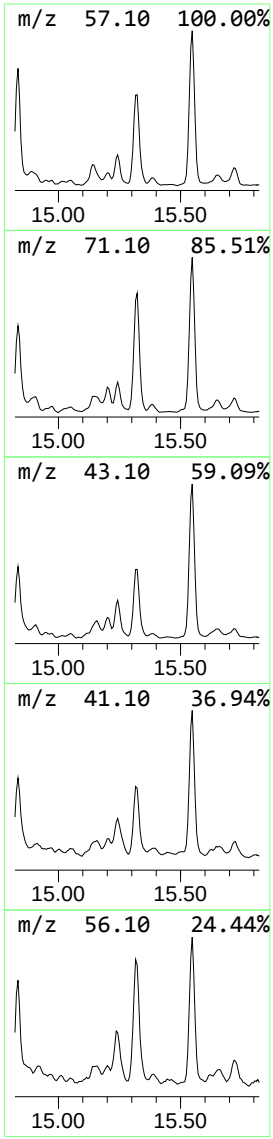
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	55.70 ug/L	2227460	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

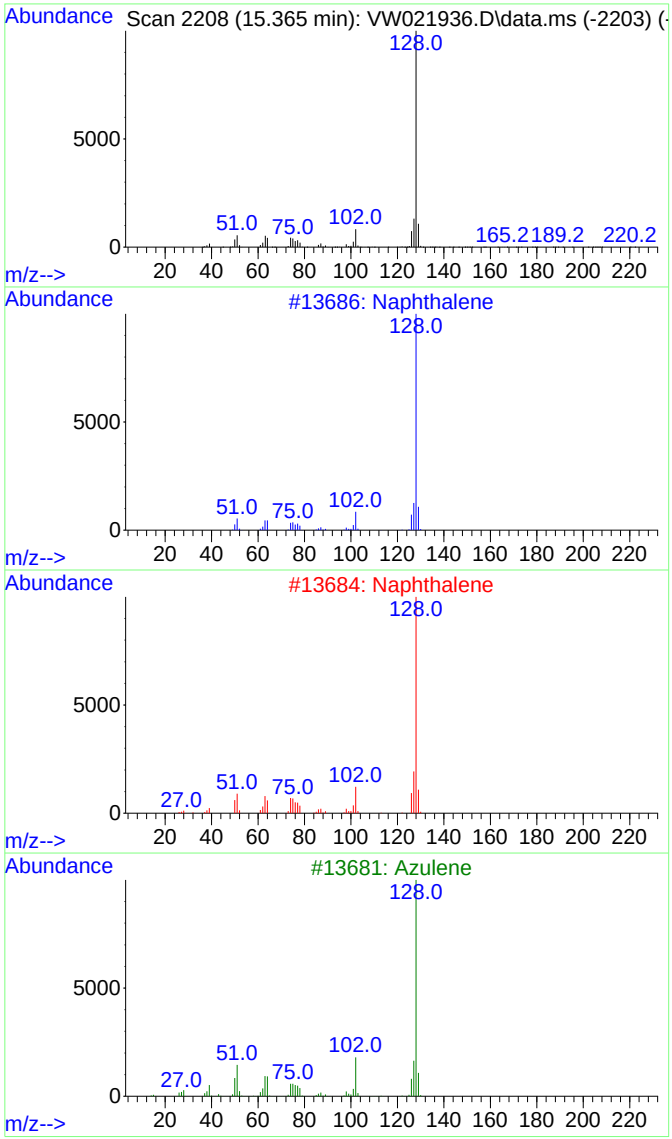
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

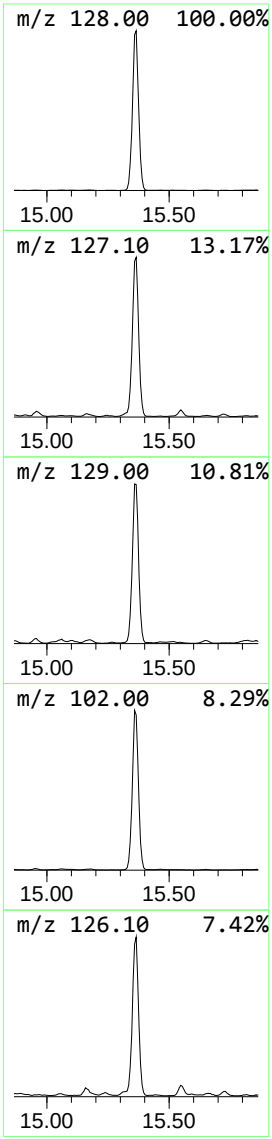
****

Peak Number 59 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	261.28 ug/L	10447600	1,4-Dichlorobenzene-d4	13.560

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	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

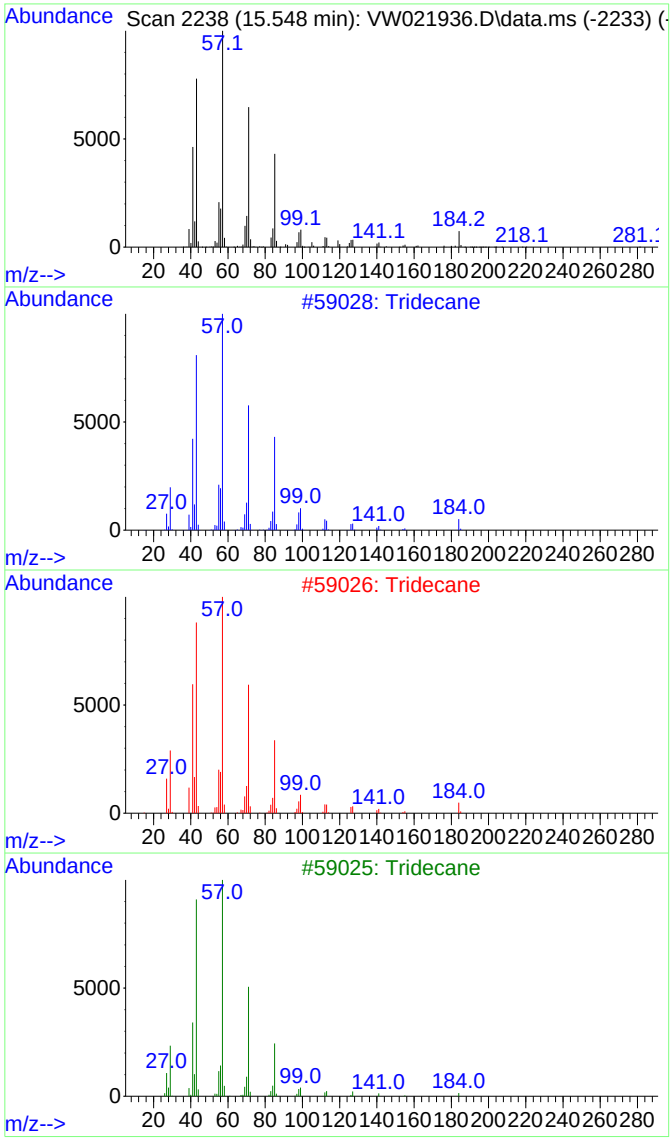
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

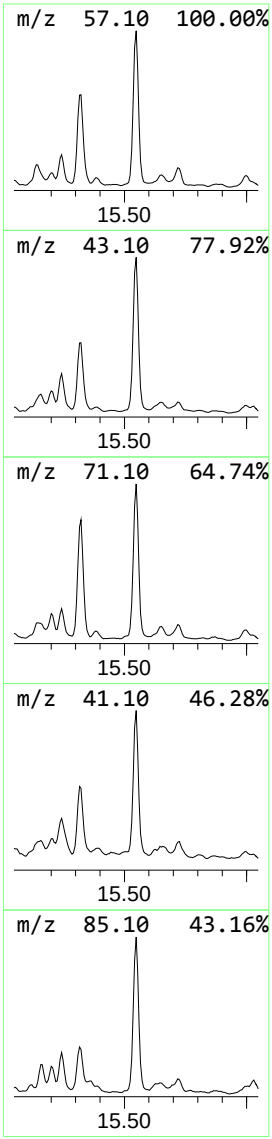
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	97.67 ug/L	3905660	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	98
2	Tridecane	184	C13H28	000629-50-5	94
3	Tridecane	184	C13H28	000629-50-5	94
4	Tridecane	184	C13H28	000629-50-5	93
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

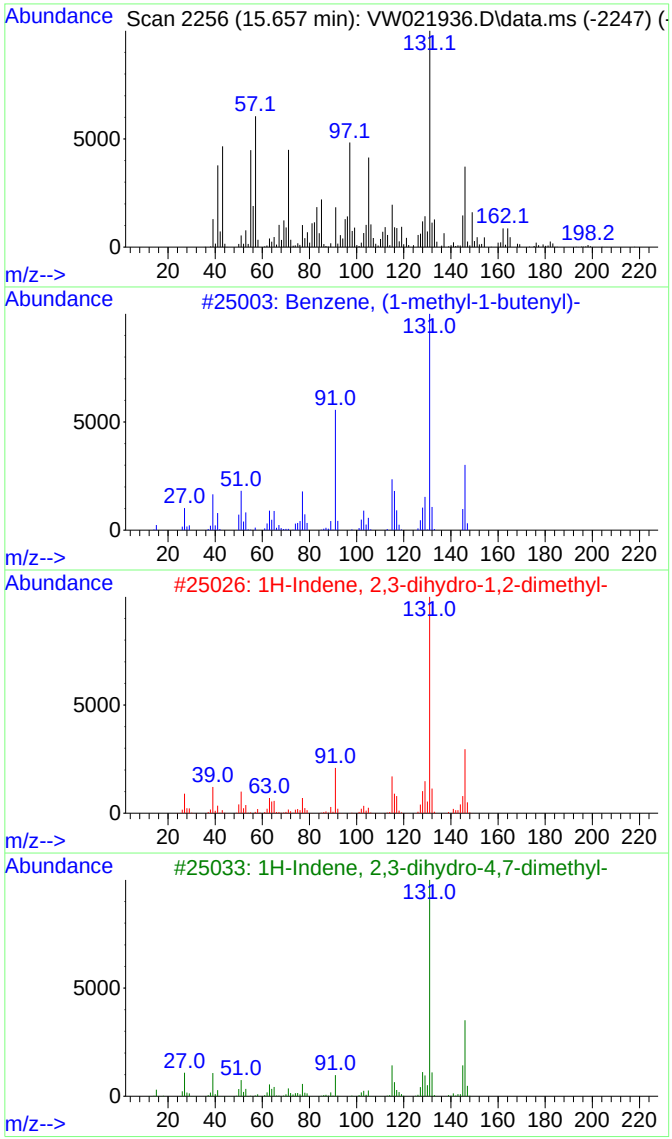
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

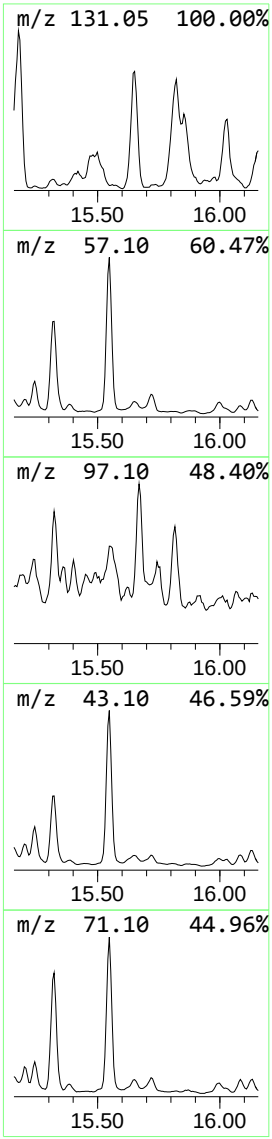
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, (1-methyl-1-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	27.60 ug/L	1103610	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

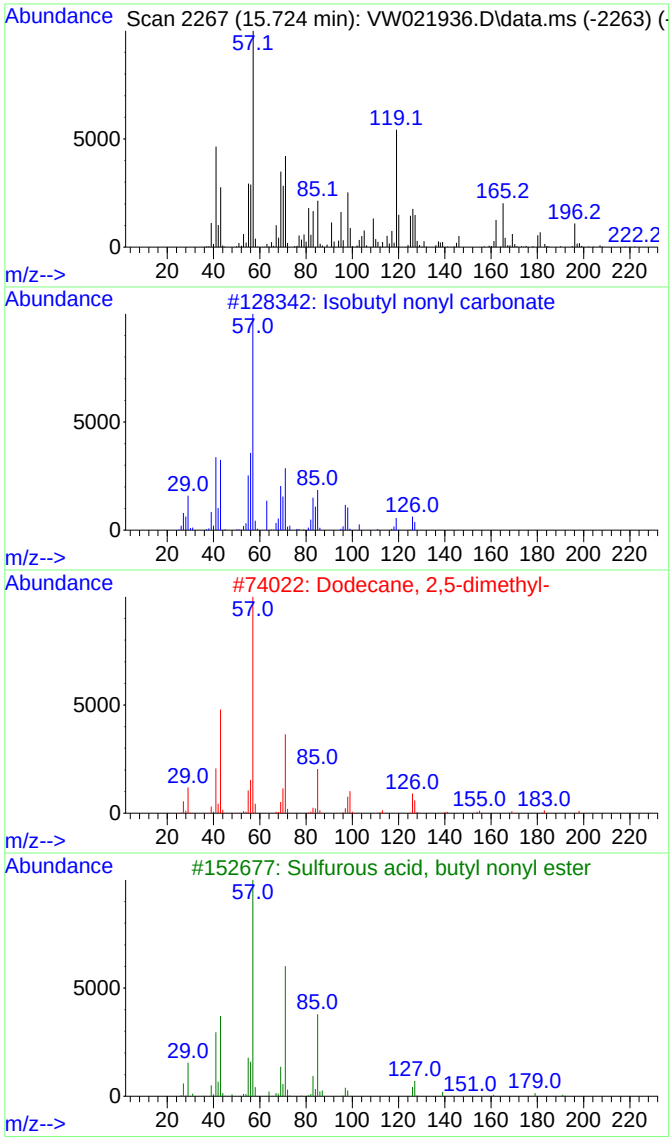
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

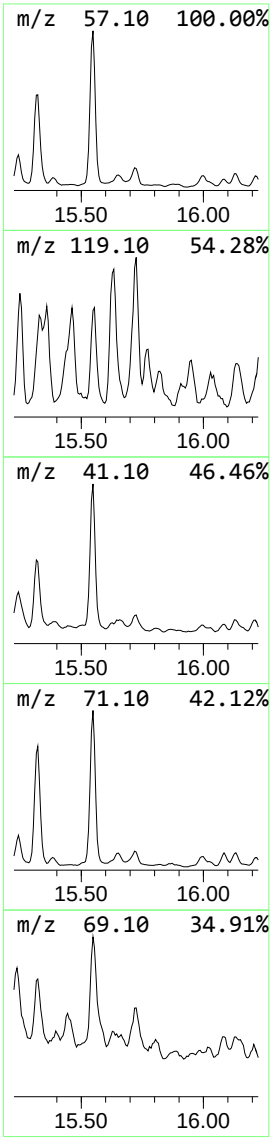
****

Peak Number 62 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	17.50 ug/L	699650	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	35
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	30
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
4	Decane	142	C10H22	000124-18-5	22
5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

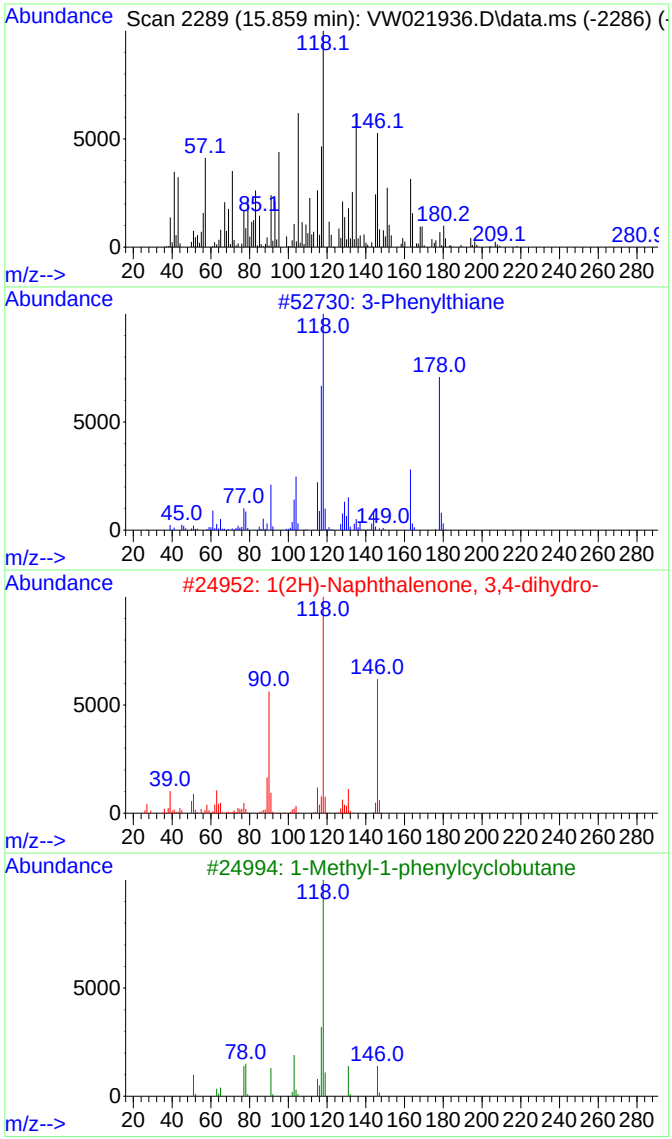
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

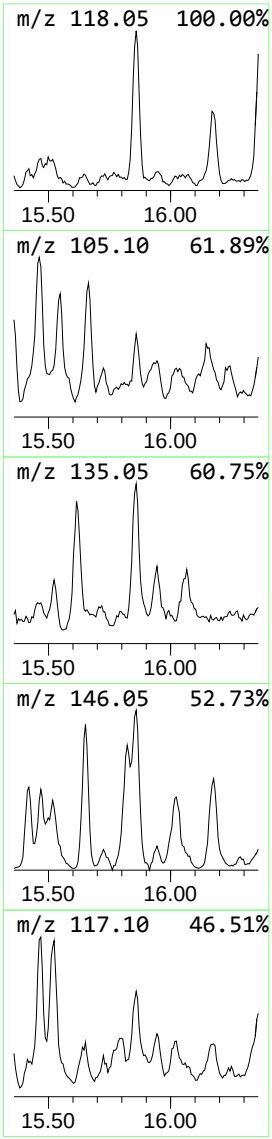
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 unknown-04 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	4.64 ug/L	185731	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthiane	178	C11H14S	040324-32-1	38
2	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	27
3	1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	27
4	1,4-naphthalenediol, 1,2,3,4-tet...	164	C10H12O2	1000404-47-1	25
5	Butanoic acid, 3-phenylpropyl ester	206	C13H18O2	007402-29-1	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

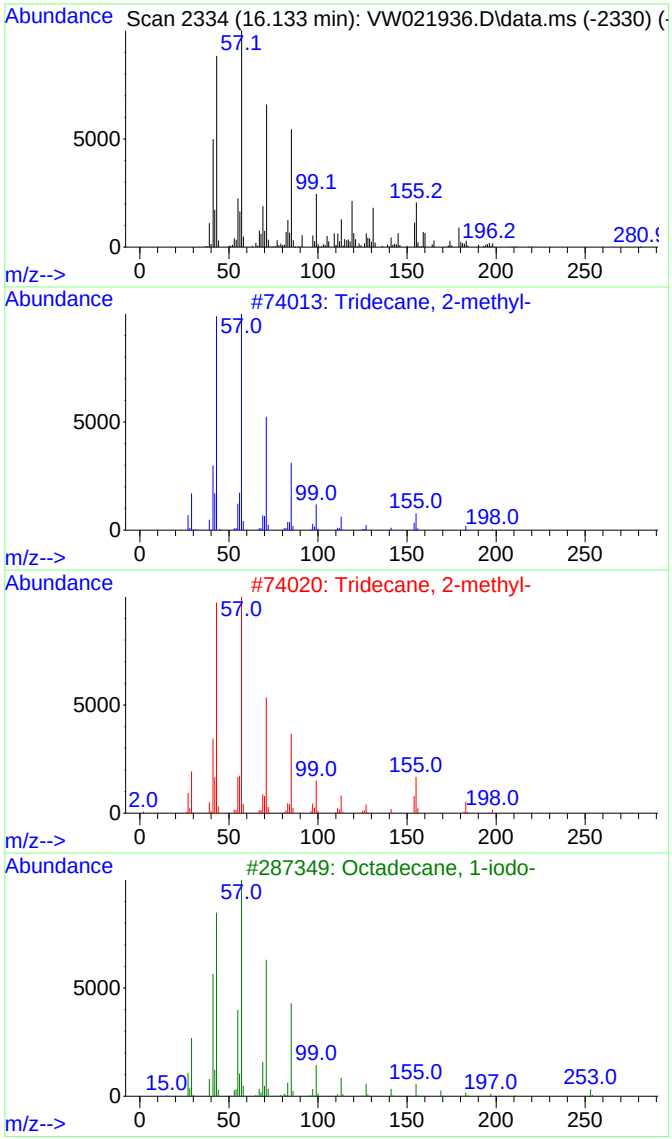
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

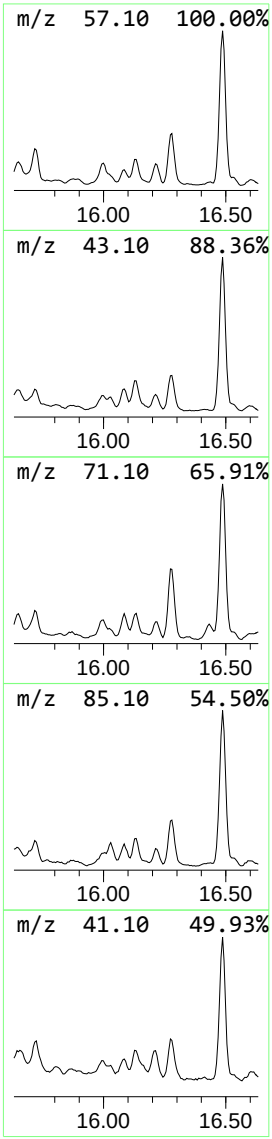
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	16.05 ug/L	641727	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	52
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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

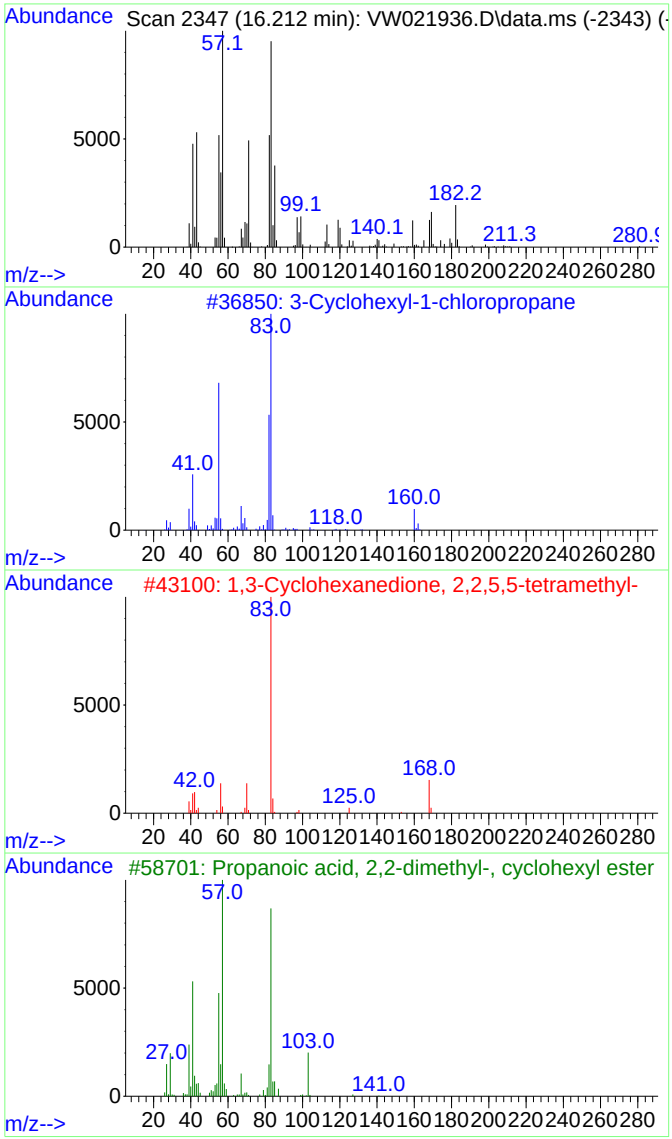
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

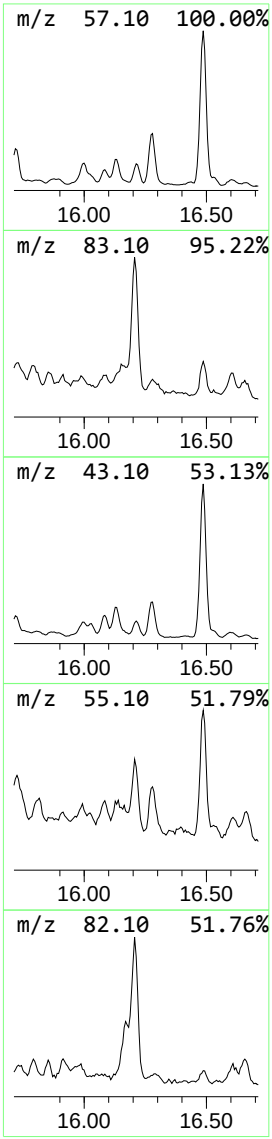
****

Peak Number 65 unknown-05 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	11.60 ug/L	463808	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	35
2	1,3-Cyclohexanedione, 2,2,5,5-te...	168	C10H16O2	000702-50-1	25
3	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	22
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	18
5	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

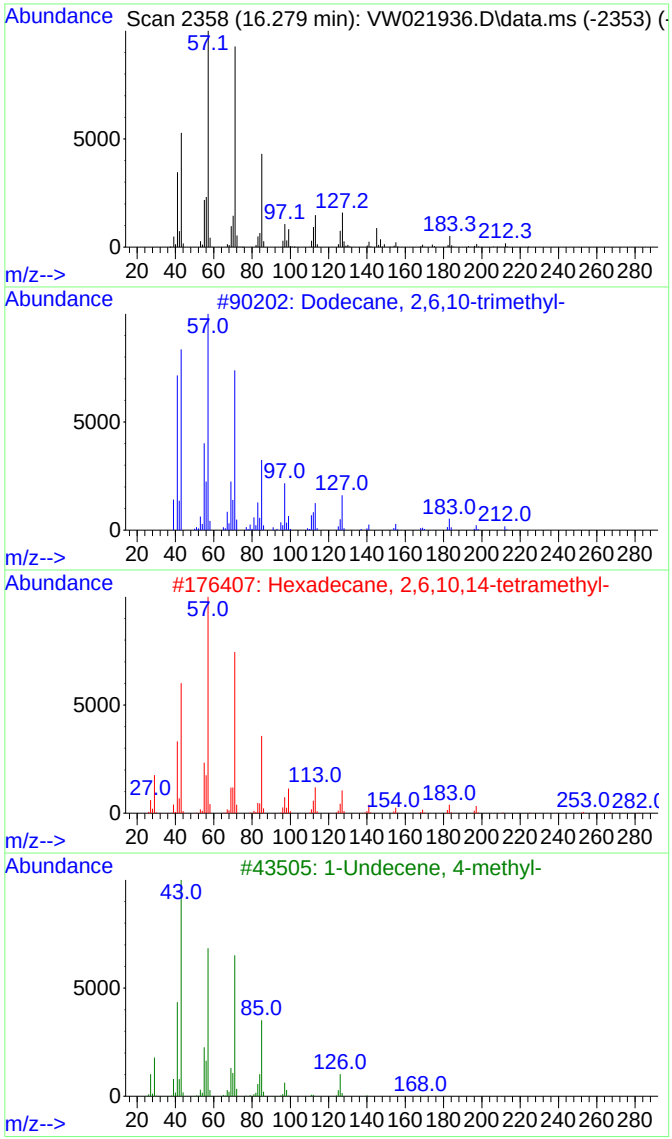
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

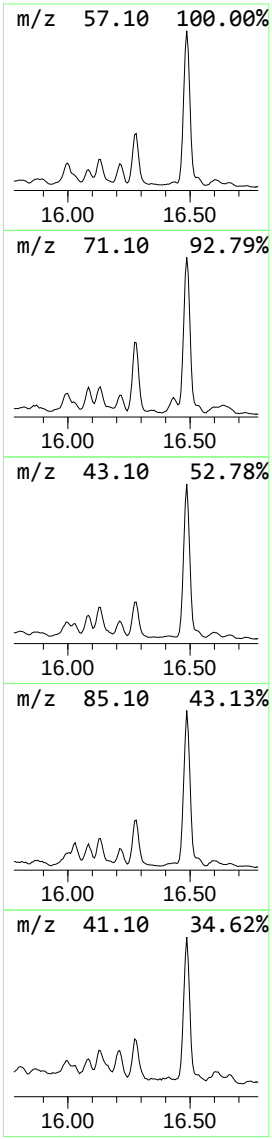
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	20.33 ug/L	812952	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

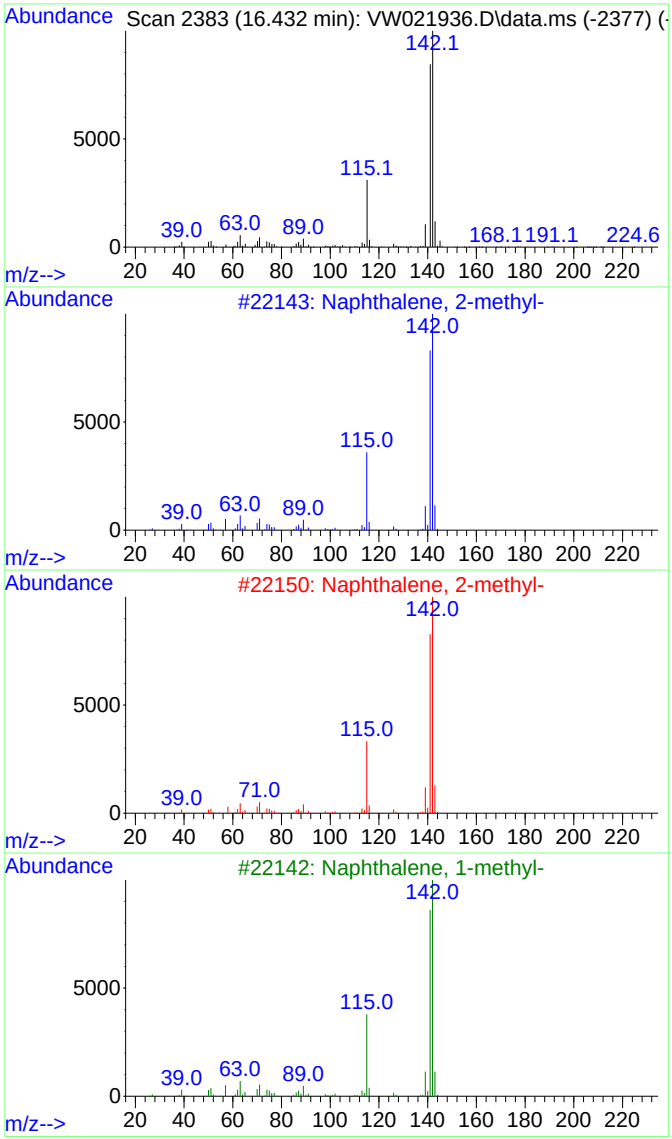
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

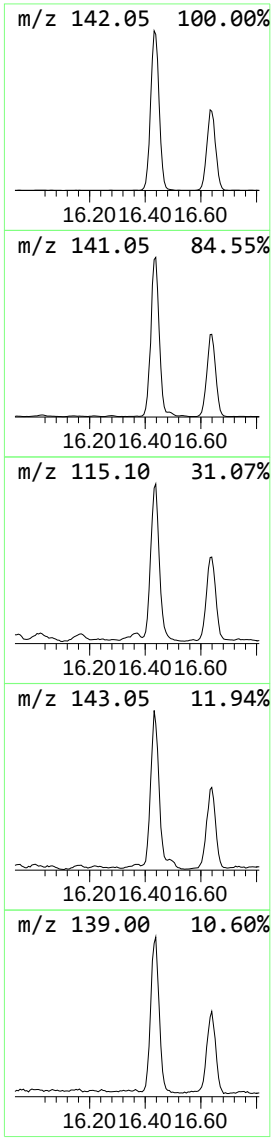
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Naphthalene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	54.19 ug/L	2166950	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

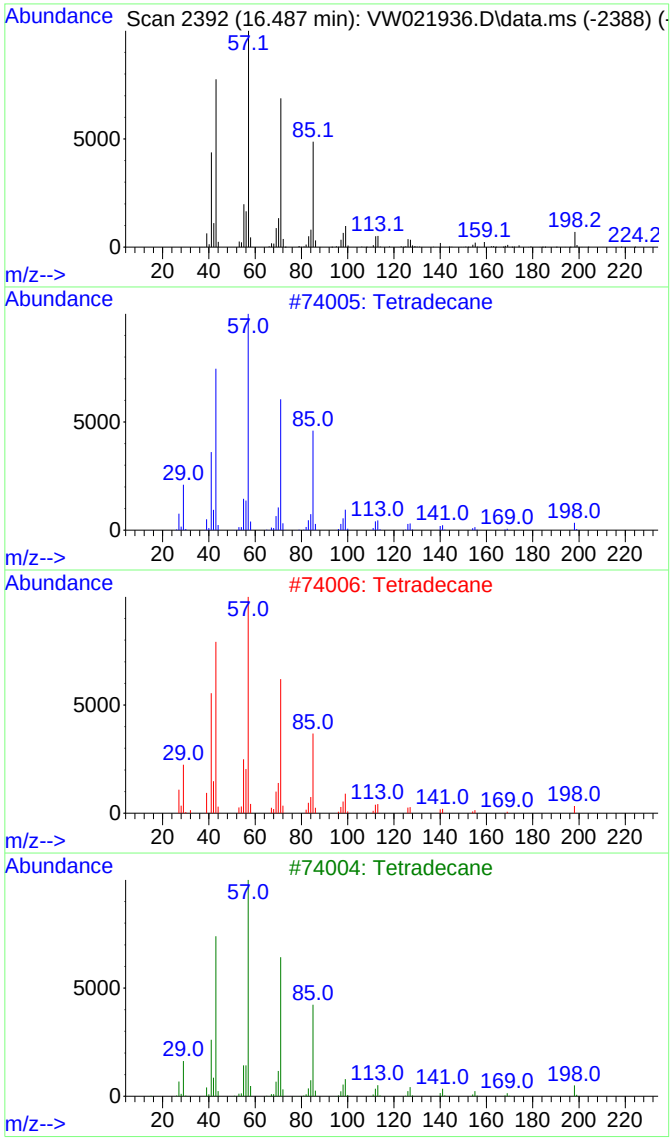
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

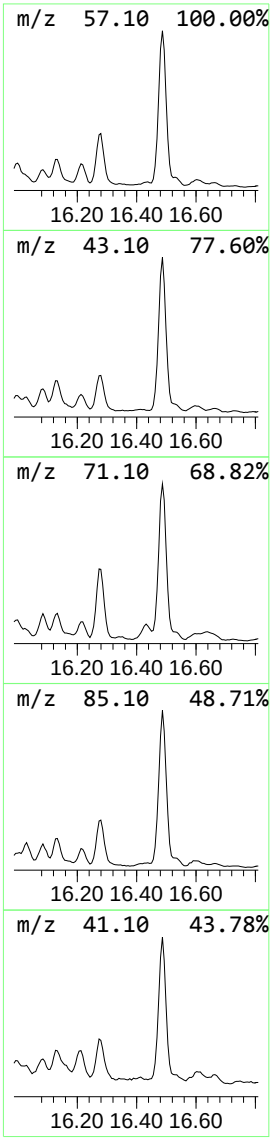
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	51.47 ug/L	2058170	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Tetradecane	198	C14H30	000629-59-4	96
3	Tetradecane	198	C14H30	000629-59-4	93
4	Tridecane	184	C13H28	000629-50-5	91
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

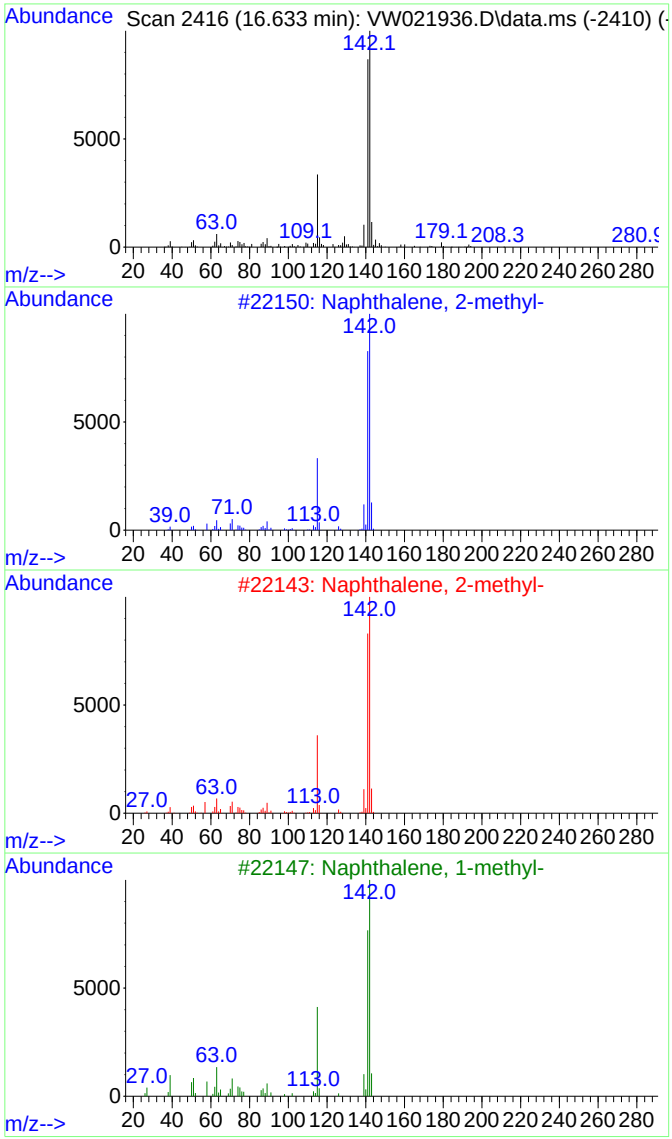
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

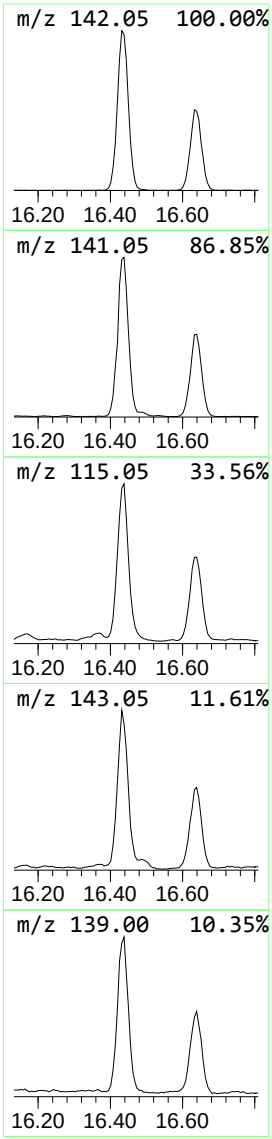
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	49.35 ug/L	1973470	1,4-Dichlorobenzene-d4	13.560

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021936.D
Acq On : 15 Jan 2022 04:31
Operator : SY/VA
Sample : N1155-02
Misc : 5.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLT5

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	19.1	ug/L	219190	1	8.842	286227	25.0
(DEL) Alkane: S...	5.440	15.2	ug/L	173958	1	8.842	286227	25.0
2-Ethyl-oxetane	5.946	27.9	ug/L	318849	1	8.842	286227	25.0
(DEL) Alkane: C...	6.988	26.0	ug/L	297864	1	8.842	286227	25.0
(DEL) Alkane: S...	8.031	8.0	ug/L	91075	1	8.842	286227	25.0
(DEL) Alkane: S...	8.159	28.6	ug/L	327025	1	8.842	286227	25.0
(DEL) Alkane: S...	8.482	11.1	ug/L	126610	1	8.842	286227	25.0
(DEL) Alkane: S...	8.695	30.2	ug/L	346075	1	8.842	286227	25.0
Pentanal	9.402	11.4	ug/L	130906	1	8.842	286227	25.0
(DEL) Alkane: S...	9.896	10.4	ug/L	118858	1	8.842	286227	25.0
(DEL) Alkane: S...	9.957	10.7	ug/L	122558	1	8.842	286227	25.0
(DEL) Alkane: S...	10.097	18.4	ug/L	210780	1	8.842	286227	25.0
(DEL) Alkane: S...	10.506	30.3	ug/L	277436	2	11.634	229239	25.0
(DEL) Alkane: C...	10.762	14.9	ug/L	136987	2	11.634	229239	25.0
Ethanone, 1-(1-...	11.000	9.5	ug/L	87074	2	11.634	229239	25.0
(DEL) Alkane: S...	11.030	11.6	ug/L	106545	2	11.634	229239	25.0
Hexanal	11.067	16.8	ug/L	154089	2	11.634	229239	25.0
(DEL) Alkane: C...	11.183	30.5	ug/L	279602	2	11.634	229239	25.0
Bis-(1,7-diazab...	11.225	26.4	ug/L	241634	2	11.634	229239	25.0
(DEL) Alkane: C...	11.274	31.4	ug/L	287791	2	11.634	229239	25.0
(DEL) Alkane: S...	11.335	31.7	ug/L	291075	2	11.634	229239	25.0
(DEL) Alkane: S...	11.408	124.3	ug/L	1140210	2	11.634	229239	25.0
(DEL) Alkane: S...	11.512	71.8	ug/L	658761	2	11.634	229239	25.0
(DEL) Alkane: C...	11.914	17.4	ug/L	159199	2	11.634	229239	25.0
(DEL) Alkane: S...	12.060	33.1	ug/L	303779	2	11.634	229239	25.0
(DEL) Alkane: S...	12.249	80.4	ug/L	737150	2	11.634	229239	25.0
(DEL) Alkane: S...	12.335	90.4	ug/L	828995	2	11.634	229239	25.0
(DEL) Alkane: S...	12.365	57.6	ug/L	528544	2	11.634	229239	25.0
(DEL) Alkane: S...	12.542	24.9	ug/L	228281	2	11.634	229239	25.0
(DEL) Alkane: S...	12.567	33.3	ug/L	304873	2	11.634	229239	25.0
Benzene, propyl-	12.798	25.2	ug/L	1006740	3	13.560	999666	25.0
Benzene, 1-ethy...	12.865	120.6	ug/L	4824170	3	13.560	999666	25.0
Benzene, 1,2,3-...	13.103	90.3	ug/L	3612250	3	13.560	999666	25.0
(DEL) Alkane: S...	13.164	62.7	ug/L	2506950	3	13.560	999666	25.0
(DEL) Alkane: S...	13.341	10.5	ug/L	421523	3	13.560	999666	25.0
Oxalic acid, 6-...	13.408	16.2	ug/L	646981	3	13.560	999666	25.0
o-Cymene	13.444	18.0	ug/L	718730	3	13.560	999666	25.0
(DEL) Alkane: S...	13.481	34.5	ug/L	1379910	3	13.560	999666	25.0
(DEL) Alkane: S...	13.621	50.6	ug/L	2023730	3	13.560	999666	25.0
Benzene, 1,3-di...	13.719	15.2	ug/L	609152	3	13.560	999666	25.0
Indane	13.755	123.7	ug/L	4945330	3	13.560	999666	25.0
Indene	13.938	107.7	ug/L	4307780	3	13.560	999666	25.0
Benzene, 1-ethy...	14.036	62.6	ug/L	2502050	3	13.560	999666	25.0
Benzene, 1-meth...	14.091	37.8	ug/L	1512030	3	13.560	999666	25.0
p-Cymene	14.200	35.6	ug/L	1424260	3	13.560	999666	25.0
(DEL) Alkane: S...	14.255	26.1	ug/L	1043560	3	13.560	999666	25.0
(DEL) Alkane: S...	14.347	47.2	ug/L	1887780	3	13.560	999666	25.0
(DEL) Alkane: C...	14.389	39.8	ug/L	1592950	3	13.560	999666	25.0
unknown-01	14.420	27.7	ug/L	1108510	3	13.560	999666	25.0
(DEL) Alkane: S...	14.493	41.6	ug/L	1662130	3	13.560	999666	25.0
Naphthalene, de...	14.542	22.2	ug/L	888853	3	13.560	999666	25.0
unknown-02	14.639	5.3	ug/L	210970	3	13.560	999666	25.0

(DEL) Alkane: S...	14.719	149.0	ug/L	5958720	3	13.560	999666	25.0
Benzene, 1,2,4,...	14.792	53.6	ug/L	2142250	3	13.560	999666	25.0
(DEL) Alkane: S...	14.834	57.8	ug/L	2311950	3	13.560	999666	25.0
Benzene, pentam...	15.060	13.2	ug/L	526321	3	13.560	999666	25.0
(DEL) Alkane: S...	15.243	35.0	ug/L	1399770	3	13.560	999666	25.0
(DEL) Alkane: S...	15.322	55.7	ug/L	2227460	3	13.560	999666	25.0
Azulene	15.365	261.3	ug/L	10447600	3	13.560	999666	25.0
(DEL) Alkane: S...	15.548	97.7	ug/L	3905660	3	13.560	999666	25.0
Benzene, (1-met...	15.657	27.6	ug/L	1103610	3	13.560	999666	25.0
unknown-03	15.725	17.5	ug/L	699650	3	13.560	999666	25.0
unknown-04	15.859	4.6	ug/L	185731	3	13.560	999666	25.0
(DEL) Alkane: S...	16.133	16.1	ug/L	641727	3	13.560	999666	25.0
unknown-05	16.212	11.6	ug/L	463808	3	13.560	999666	25.0
(DEL) Alkane: S...	16.279	20.3	ug/L	812952	3	13.560	999666	25.0
Naphthalene, 2-...	16.432	54.2	ug/L	2166950	3	13.560	999666	25.0
(DEL) Alkane: S...	16.486	51.5	ug/L	2058170	3	13.560	999666	25.0
Naphthalene, 1-...	16.633	49.4	ug/L	1973470	3	13.560	999666	25.0

Instrument :
MSVOA_W
ClientSampleId :
BGLT5