LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

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\SFAMWLM080422SMA.M
Title : SFAM01.0

Signal : TIC: VW024167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.337	63	71	80	rVV	218737	391213	0.26%	0.025%
2	2.873	152	159	167	rVB	99146	211549	0.14%	0.014%
3	4.007	332	345	359	rBV	171448	520205	0.35%	0.034%
4	7.147	854	860	871	rVB	81794	230156	0.15%	0.015%
5	7.647	931	942	958	rBV	253072	641225	0.43%	0.042%
6	7.927	977	988	999	rBV5	47446	196581	0.13%	0.013%
7	8.275	1033	1045	1060	rVV2	501695	1566168	1.05%	0.102%
8	8.689	1106	1113	1121	rBV	131657	264034	0.18%	0.017%
9	8.835	1129	1137	1147	rBV	481063	971988	0.65%	0.063%
10	9.274	1201	1209	1213	rBV	354530	769605	0.51%	0.050%
11	9.329	1213	1218	1224	rVV	565311	1227574	0.82%	0.080%
12	9.951	1315	1320	1324	rBV	426619	771935	0.52%	0.050%
13	10.091	1337	1343	1356	rVB	494913	1165217	0.78%	0.076%
14	10.317	1373	1380	1385	rBV	1238382	2339194	1.56%	0.152%
15	10.384	1386	1391	1397	rVB	767047	1474309	0.99%	0.096%
16	10.500	1403	1410	1417	rVB	1130511	1952368	1.31%	0.127%
17	10.579	1417	1423	1427	rBV	126120	241288	0.16%	0.016%
18	10.664	1431	1437	1447	rVB2	360256	679833	0.45%	0.044%
19	10.762	1447	1453	1457	rBV2	237741	498010	0.33%	0.032%
20	10.847	1462	1467	1472	rVB	198958	324198	0.22%	0.021%
21	10.933	1474	1481	1488	rBV2	664780	1290654	0.86%	0.084%
22	11.036	1492	1498	1505	rVV	393461	838667	0.56%	0.054%
23	11.103	1505	1509	1513	rVV2	184944	294825	0.20%	0.019%
24	11.177	1513	1521	1525	rVV	751433	1414698	0.95%	0.092%
25	11.225	1525	1529	1535	rVV	920590	1698334	1.14%	0.110%
26	11.280	1535	1538	1542	rVV3	206642	366694	0.25%	0.024%
27	11.335	1542	1547	1551	rVV	667499	1201626	0.80%	0.078%
28	11.408	1551	1559	1570	rVB4	1590756	4282687	2.86%	0.278%
29	11.512	1570	1576	1588	rVB	1318298	2230242	1.49%	0.145%
30	11.628	1589	1595	1604	rBV	597491	1059258	0.71%	0.069%
31	11.725	1605	1611	1616	rBV	1389399	2383306	1.59%	0.155%
32	11.835	1620	1629	1639	rBV2	12602154	23705279	15.85%	1.537%
33	11.914	1639	1642	1647	rVB2	685719	1096851	0.73%	0.071%
34	11.975	1647	1652	1654	rBV3	129213	227638	0.15%	0.015%
35	12.054	1658	1665	1671	rVB4	457202	972448	0.65%	0.063%
36	12.164	1671	1683	1690	rBV	5692754	12668241	8.47%	0.821%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
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Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

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\SFAMWLM080422SMA.M
Title : SFAM01.0

37	12.250	1690	1697	1701	rVB	1867592	3104643	2.08%	0.201%
38	12.457	1727	1731	1735	rBV3	996508	1804445	1.21%	0.117%
39	12.506	1735	1739	1741	rVV3	808226	1321644	0.88%	0.086%
40	12.536	1741	1744	1747	rVV2	1383293	2249123	1.50%	0.146%
41	12.567	1747	1749	1753	rVB	2118874	2418739	1.62%	0.157%
42	12.615	1753	1757	1759	rBV3	437499	634876	0.42%	0.041%
43	12.646	1759	1762	1766	rVB	1417839	1851916	1.24%	0.120%
44	12.695	1766	1770	1775	rBV3	611163	915436	0.61%	0.059%
45	12.743	1775	1778	1779	rBV2	184356	214162	0.14%	0.014%
46	12.798	1779	1787	1792	rBV2	1936707	4526079	3.03%	0.294%
47	12.865	1792	1798	1801	rBV	9183168	14820615	9.91%	0.961%
48	12.932	1804	1809	1816	rVB2	28338726	47042055	31.46%	3.051%
49	12.987	1816	1818	1824	rVB3	1625117	2308698	1.54%	0.150%
50	13.042	1824	1827	1828	rBV2	198372	241188	0.16%	0.016%
51	13.103	1828	1837	1843	rBV2	4548272	12436306	8.32%	0.806%
52	13.164	1843	1847	1853	rVB	7595424	10690486	7.15%	0.693%
53	13.249	1854	1861	1866	rBV	25181079	39478702	26.40%	2.560%
54	13.341	1872	1876	1879	rBV	1790926	2868910	1.92%	0.186%
55	13.377	1879	1882	1886	rVB3	2165652	2814523	1.88%	0.183%
56	13.444	1886	1893	1897	rBV3	8471156	16608589	11.11%	1.077%
57	13.487	1897	1900	1903	rVV2	5575052	7288296	4.87%	0.473%
58	13.518	1903	1905	1907	rVV	2232480	1984676	1.33%	0.129%
59	13.554	1907	1911	1913	rVV	5434322	7208200	4.82%	0.467%
60	13.585	1913	1916	1920	rVB	13406363	17129573	11.45%	1.111%
61	13.621	1920	1922	1929	rVB	6429646	9013402	6.03%	0.584%
62	13.700	1929	1935	1938	rBV4	2570684	5923633	3.96%	0.384%
63	13.749	1939	1943	1946	rBV2	6381943	8393733	5.61%	0.544%
64	13.792	1946	1950	1957	rVB3	7854283	12982921	8.68%	0.842%
65	13.877	1958	1964	1968	rBV2	79675540	131231345	87.75%	8.510%
66	13.920	1968	1971	1973	rBV	2123235	2172990	1.45%	0.141%
67	13.981	1978	1981	1983	rVV3	5558989	8342993	5.58%	0.541%
68	14.036	1983	1990	1995	rVV2	15080477	37701385	25.21%	2.445%
69	14.091	1995	1999	2003	rVV	13751170	22478026	15.03%	1.458%
70	14.133	2003	2006	2012	rVB2	8443319	12518951	8.37%	0.812%
71	14.200	2012	2017	2022	rBV3	14134896	23777440	15.90%	1.542%
72	14.261	2022	2027	2033	rBV6	7122989	16155670	10.80%	1.048%
73	14.347	2033	2041	2044	rBV3	16124760	35915431	24.02%	2.329%
74	14.389	2044	2048	2051	rVV3	29774927	50954175	34.07%	3.304%
75	14.426	2051	2054	2057	rVV2	23633945	39561593	26.46%	2.565%
76	14.456	2057	2059	2062	rVV	16737775	18307069	12.24%	1.187%

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Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

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\SFAMWLM080422SMA.M
Title : SFAM01.0

77	14.499	2062	2066	2069	rVV2	17258346	20710579	13.85%	1.343%
78	14.548	2069	2074	2080	rVB4	13188151	23443776	15.68%	1.520%
79	14.603	2080	2083	2086	rBV3	2636237	3820329	2.55%	0.248%
80	14.639	2086	2089	2094	rVB2	4312157	6008269	4.02%	0.390%
81	14.731	2094	2104	2109	rBV4	80285006	149542929	100.00%	9.697%
82	14.792	2109	2114	2119	rBV3	37795140	79076954	52.88%	5.128%
83	14.841	2119	2122	2129	rVB2	41354866	71280706	47.67%	4.622%
84	14.956	2137	2141	2147	rVB	27586781	47060561	31.47%	3.052%
85	15.017	2147	2151	2154	rBV5	2871481	5612328	3.75%	0.364%
86	15.060	2154	2158	2162	rBV4	8769790	14427723	9.65%	0.936%
87	15.170	2171	2176	2184	rBV6	10072107	26219158	17.53%	1.700%
88	15.243	2185	2188	2196	rVB5	17406306	41331470	27.64%	2.680%
89	15.322	2196	2201	2205	rBV	30044524	51618119	34.52%	3.347%
90	15.365	2205	2208	2212	rVV	12675731	17751801	11.87%	1.151%
91	15.420	2213	2217	2221	rVB	10440147	15908940	10.64%	1.032%
92	15.499	2227	2230	2234	rVV3	4801021	7427199	4.97%	0.482%
93	15.554	2234	2239	2247	rVB	46761658	80495552	53.83%	5.220%
94	15.657	2247	2256	2262	rBV8	5575710	19347348	12.94%	1.255%
95	15.731	2263	2268	2275	rVB5	6941057	14203855	9.50%	0.921%
96	15.859	2285	2289	2296	rVB	16001223	27650956	18.49%	1.793%
97	16.176	2331	2341	2351	rVB5	9108584	27296638	18.25%	1.770%
98	16.371	2366	2373	2378	rBV	4497566	9654769	6.46%	0.626%
99	16.438	2378	2384	2390	rBV	21454652	43893219	29.35%	2.846%
100	16.639	2409	2417	2431	rVB2	11228228	28758577	19.23%	1.865%

Sum of corrected areas: 1542102490

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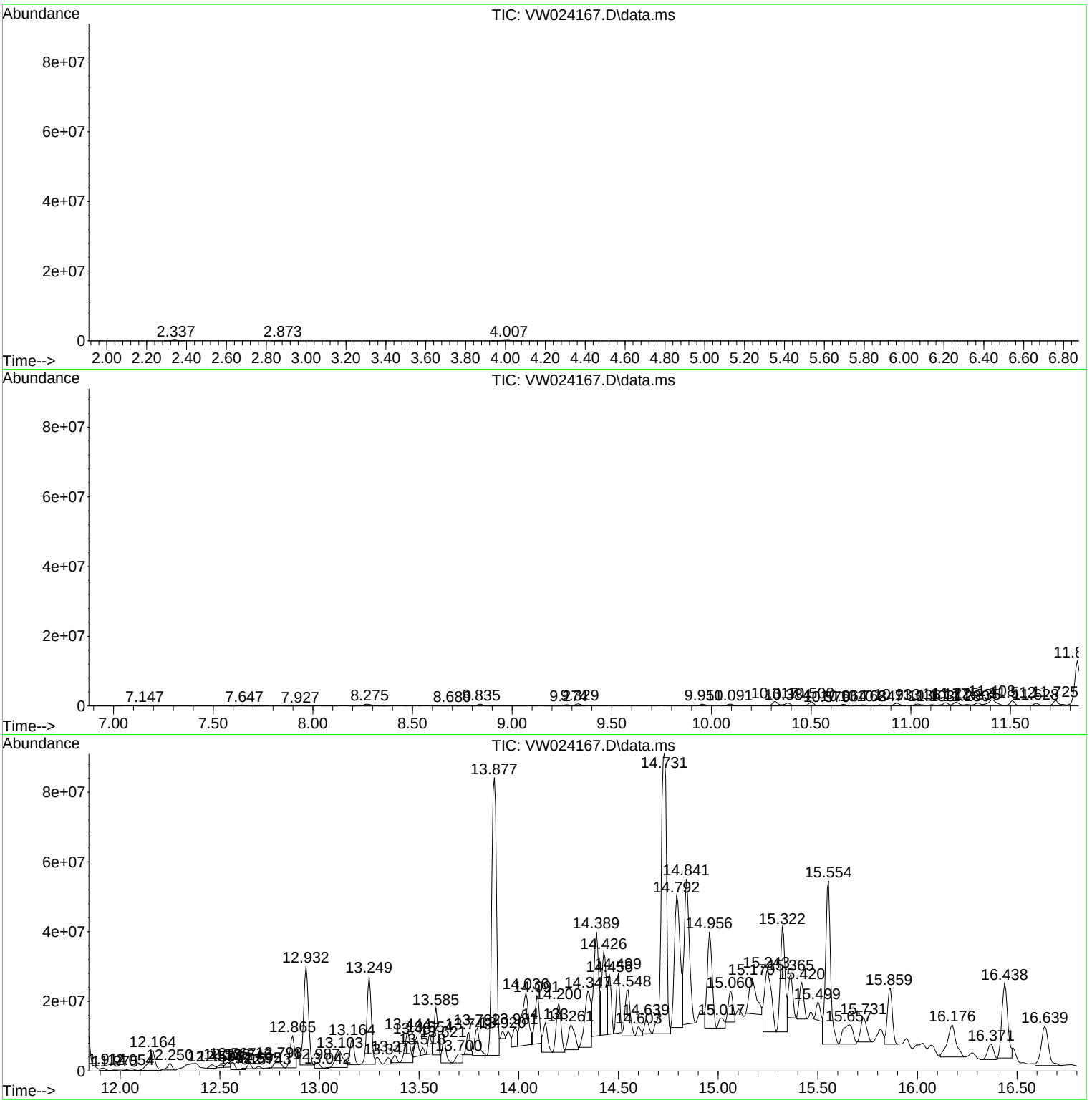
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

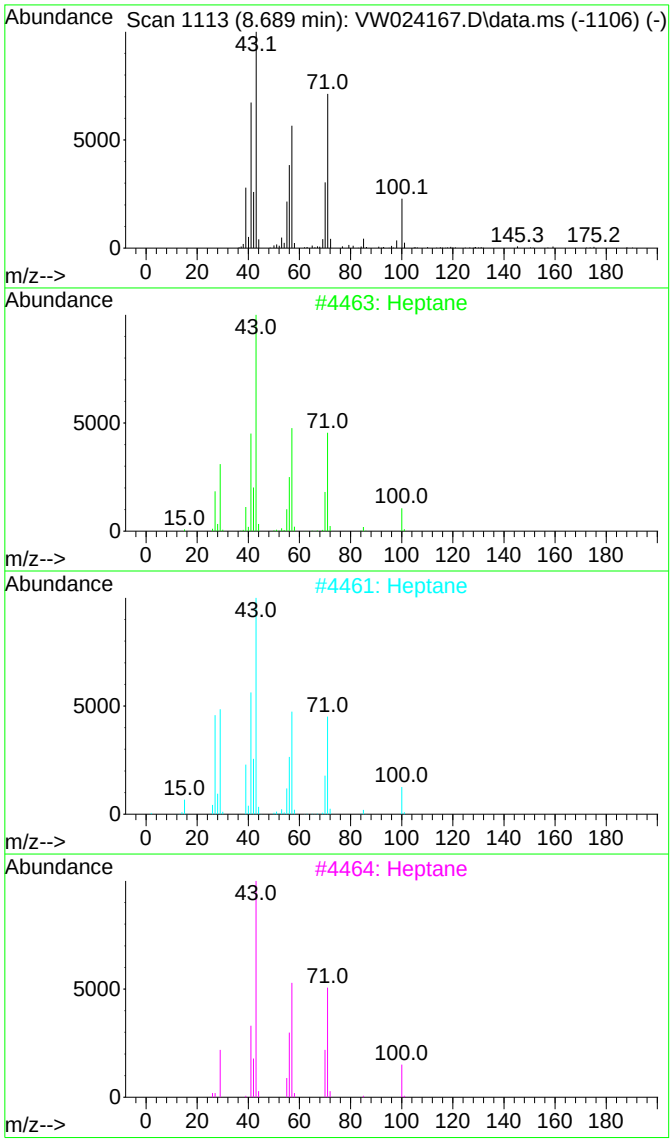
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

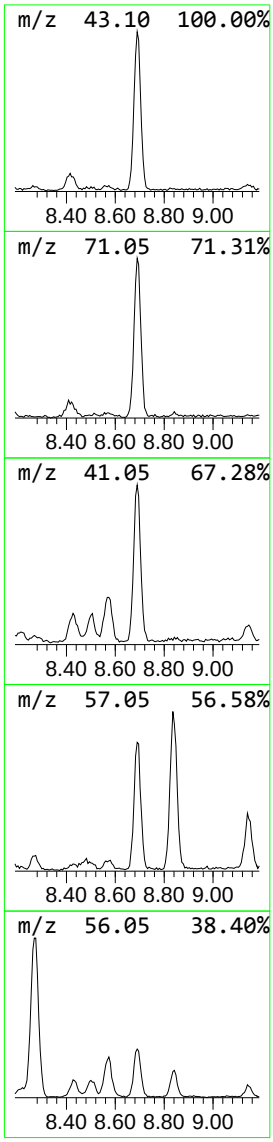
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.689	6.79 ug/L	264034	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	58
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

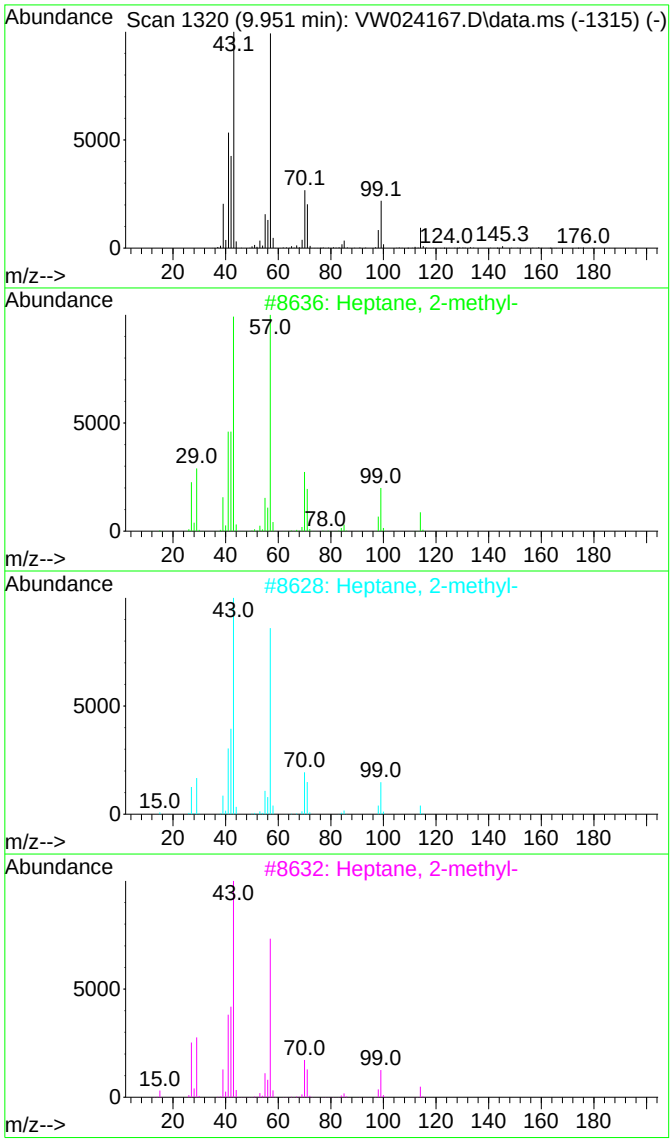
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

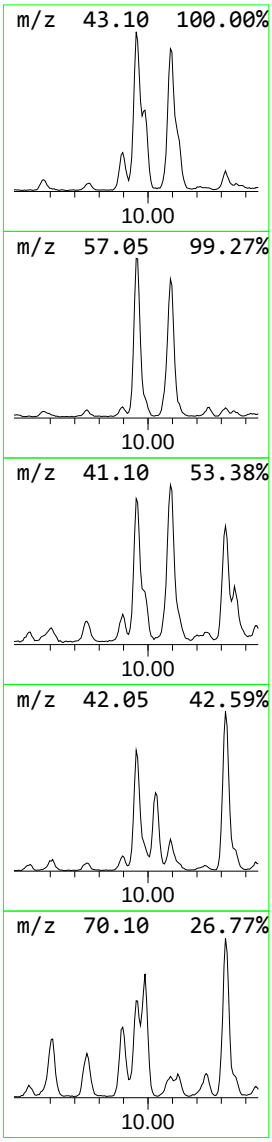
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	19.85 ug/L	771935	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

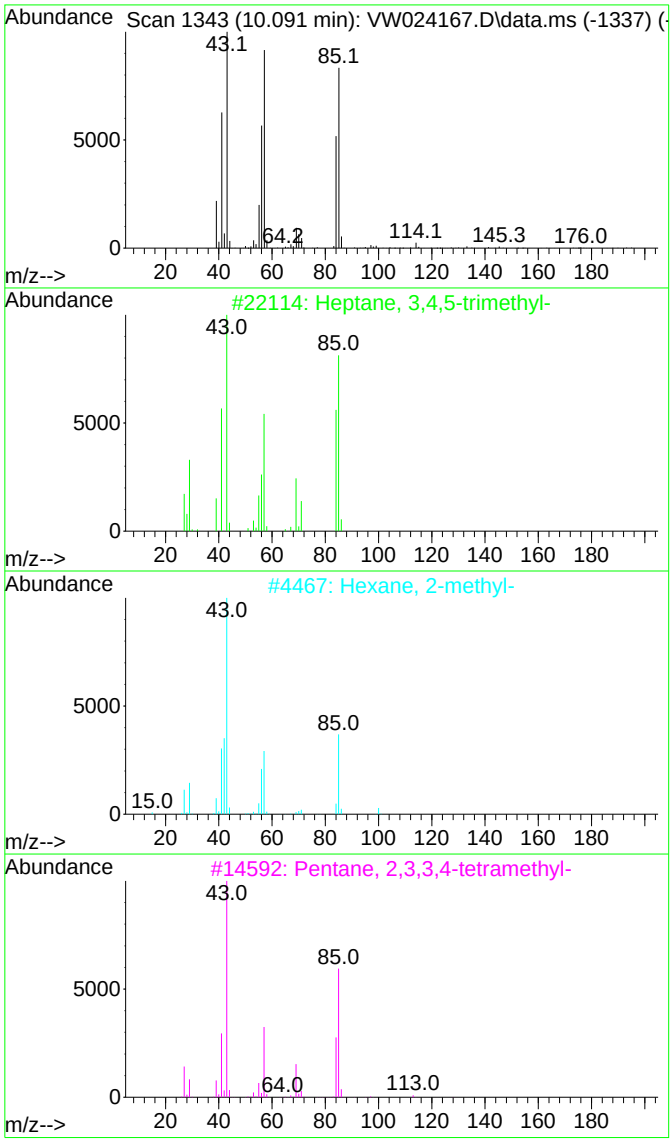
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

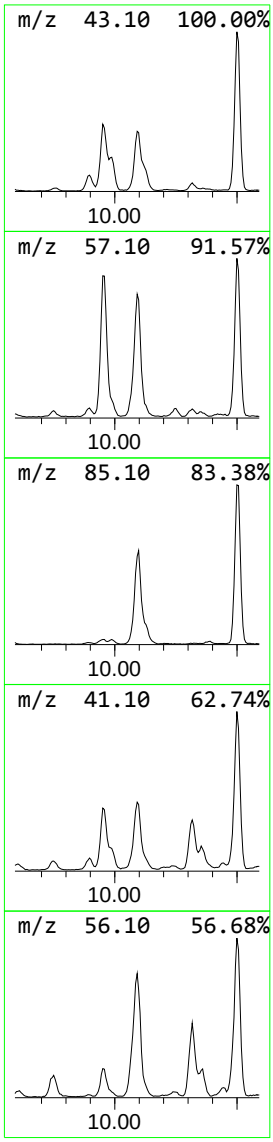
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.091	29.97 ug/L	1165220	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
3	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

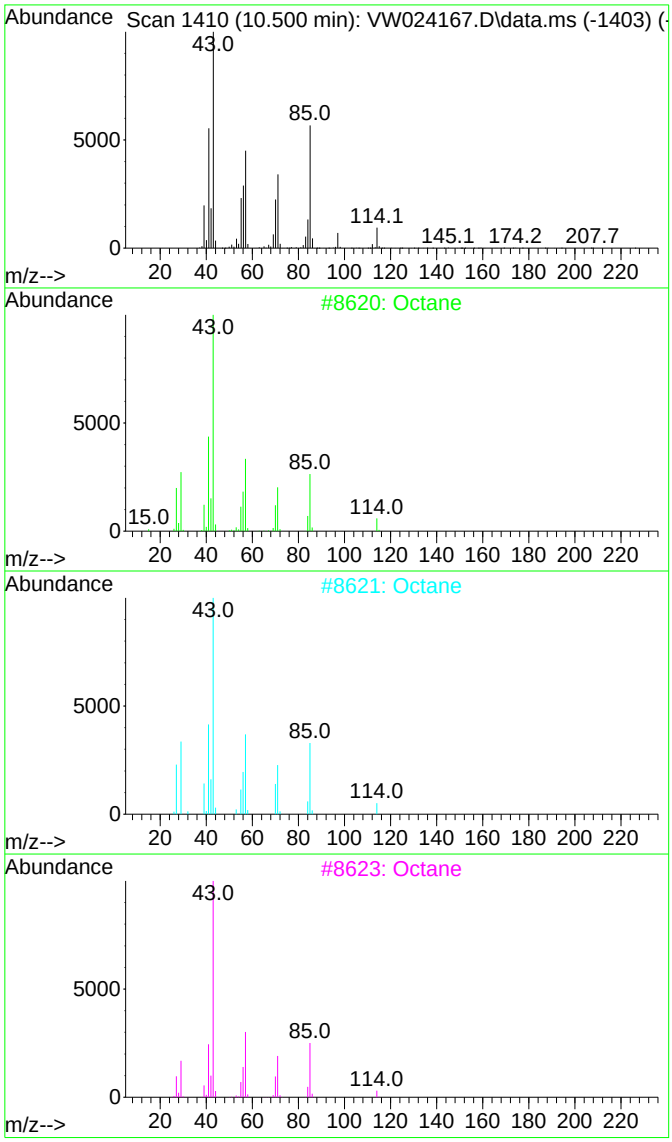
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

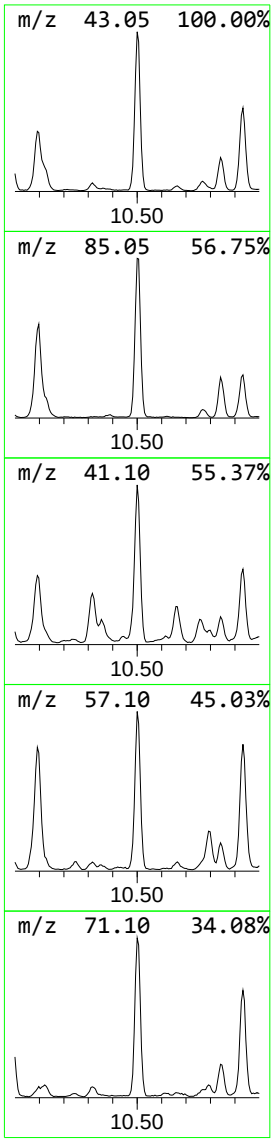
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	46.08 ug/L	1952370	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	91
4	Octane	114	C8H18	000111-65-9	90
5	Octane	114	C8H18	000111-65-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

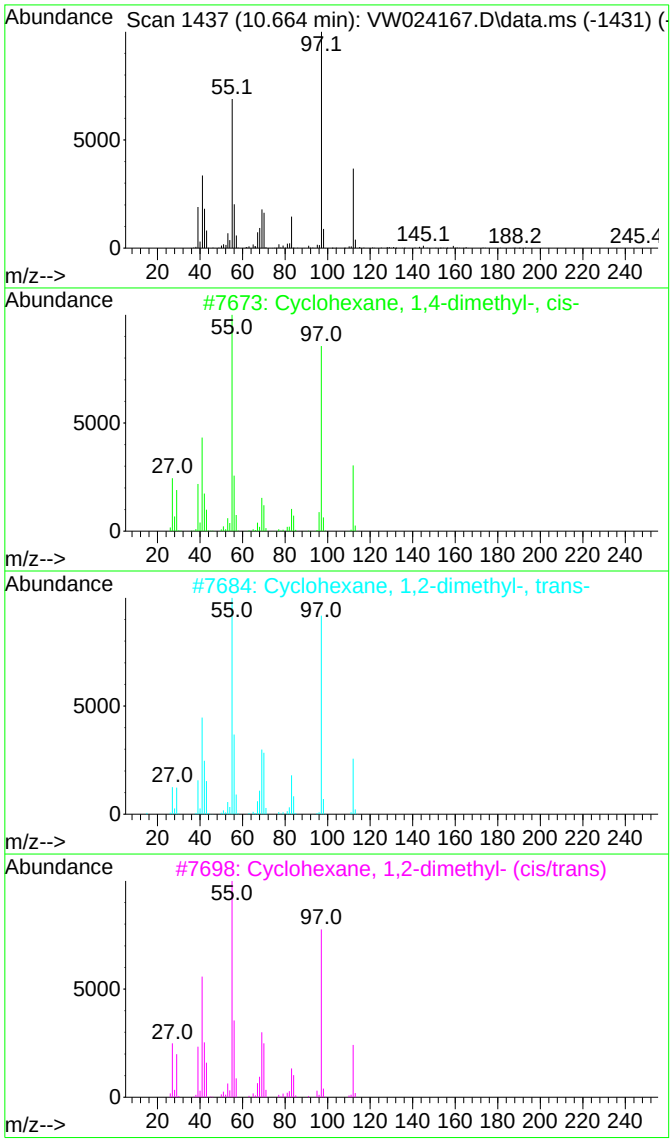
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

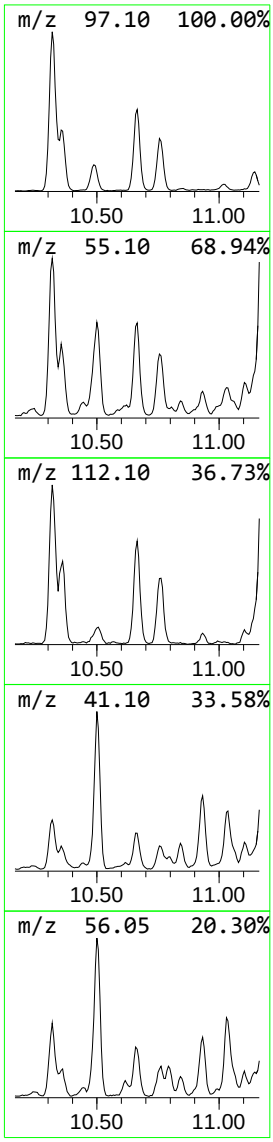
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic10.664 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	16.05 ug/L	679833	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

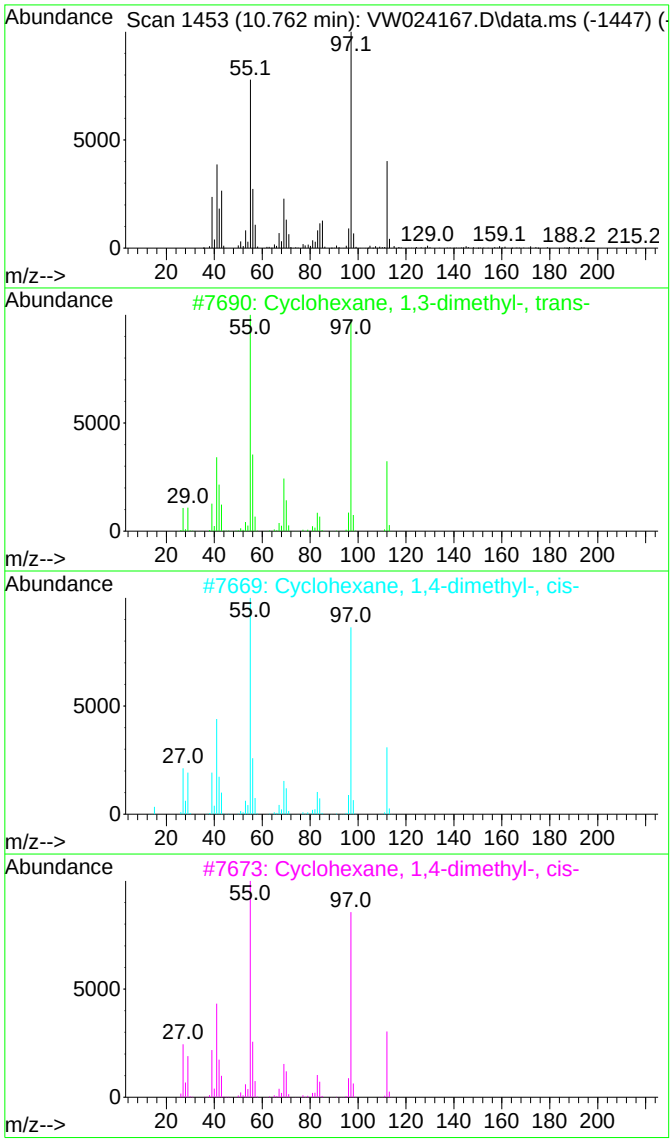
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

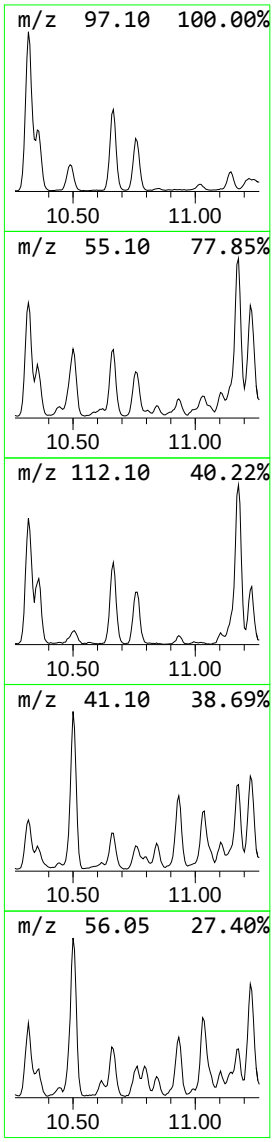
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.762 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	11.75 ug/L	498010	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

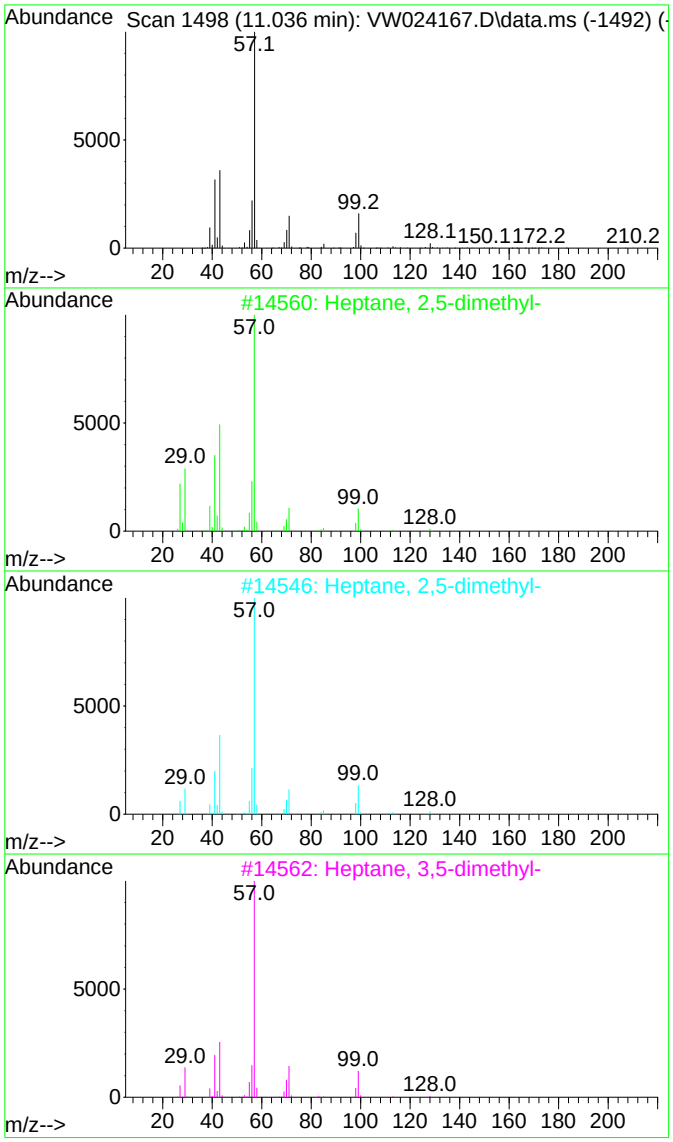
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

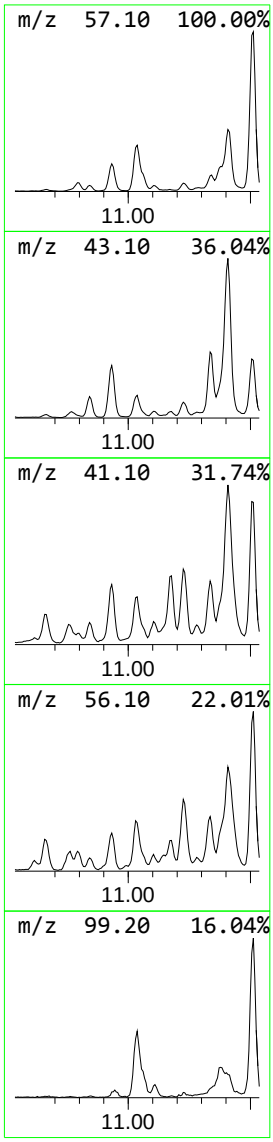
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	19.79 ug/L	838667	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
5	Octane, 3-methyl-	128	C9H20	002216-33-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

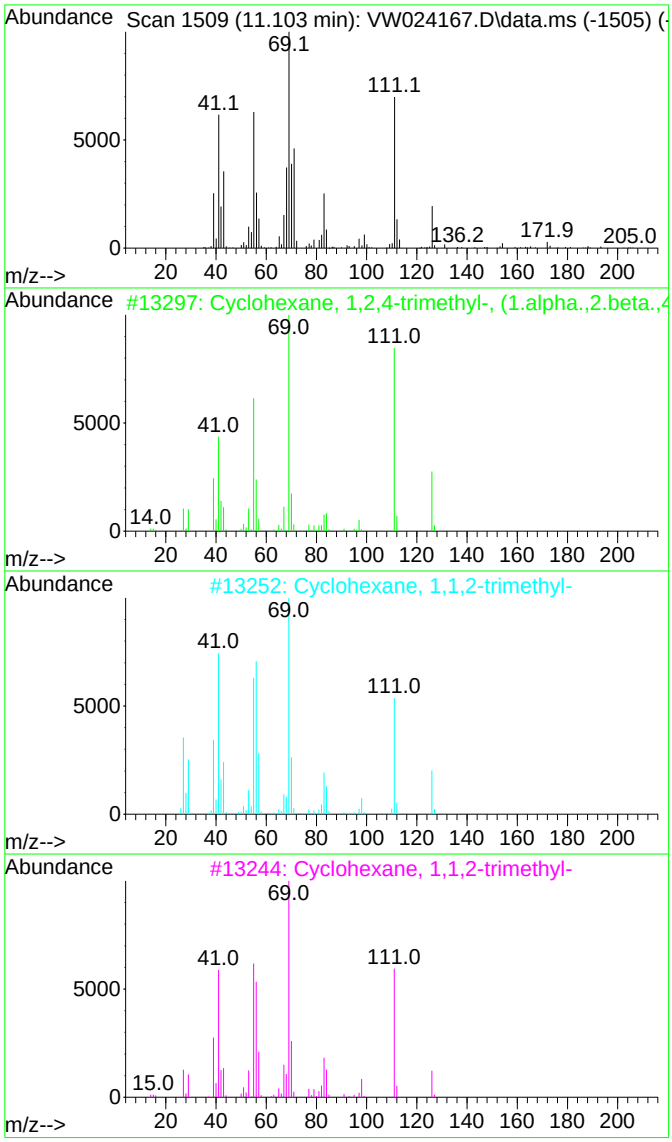
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

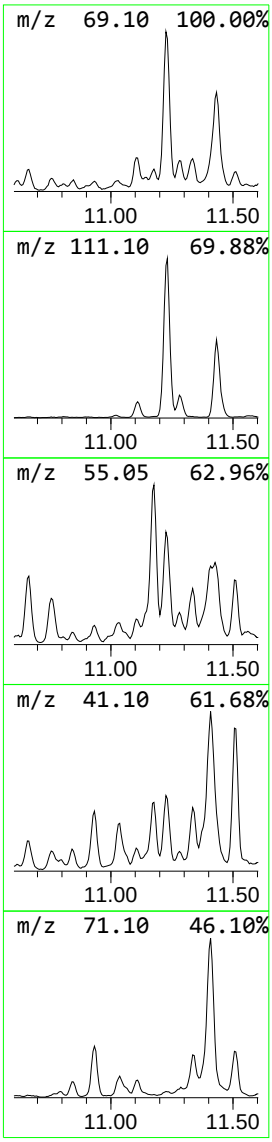
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic11.103 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.103	6.96 ug/L	294825	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	60
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

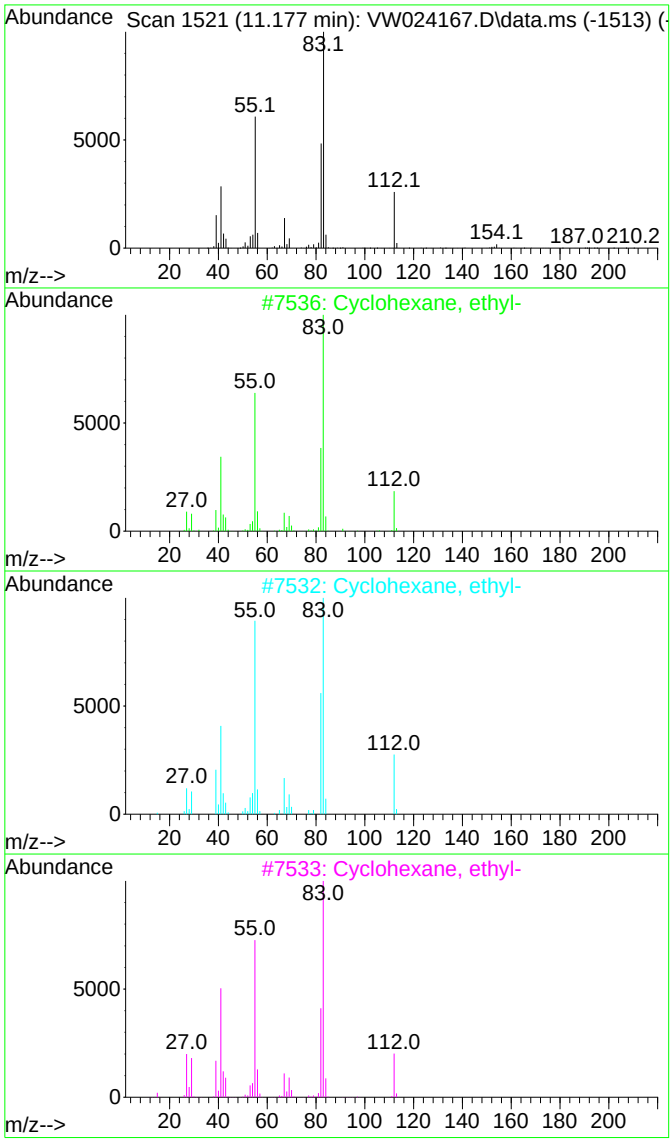
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

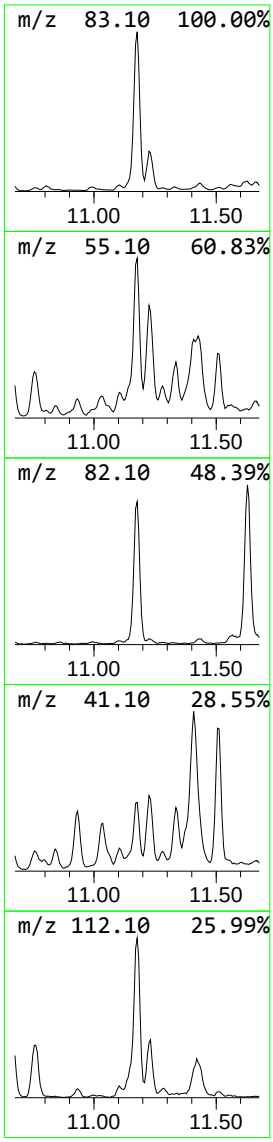
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic11.177 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	33.39 ug/L	1414700	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

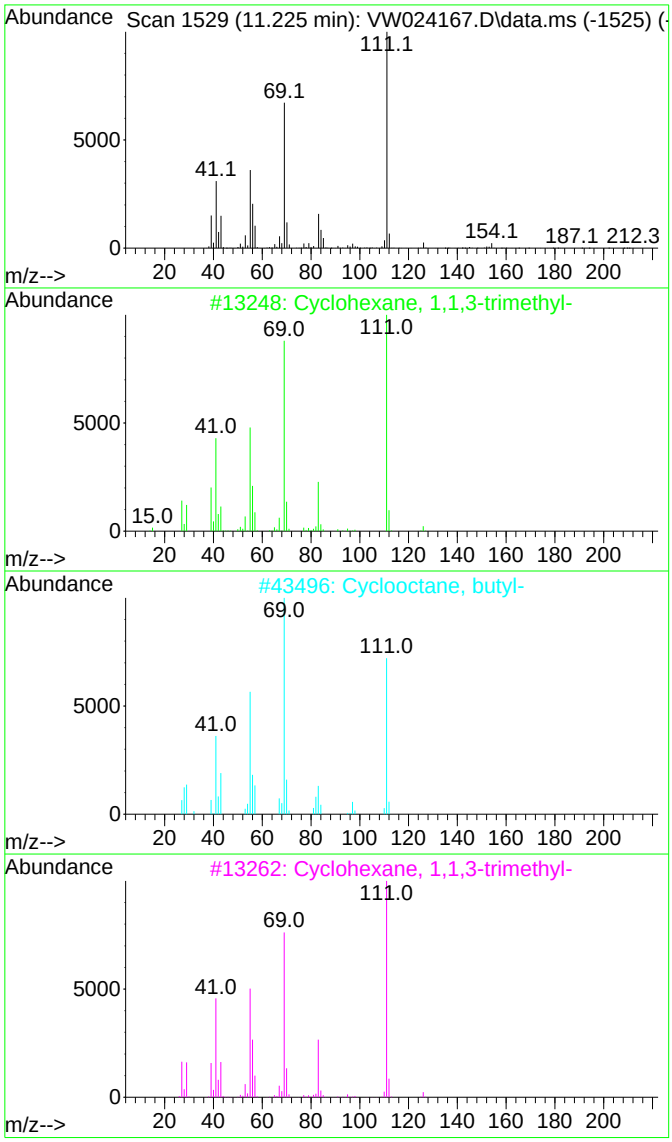
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

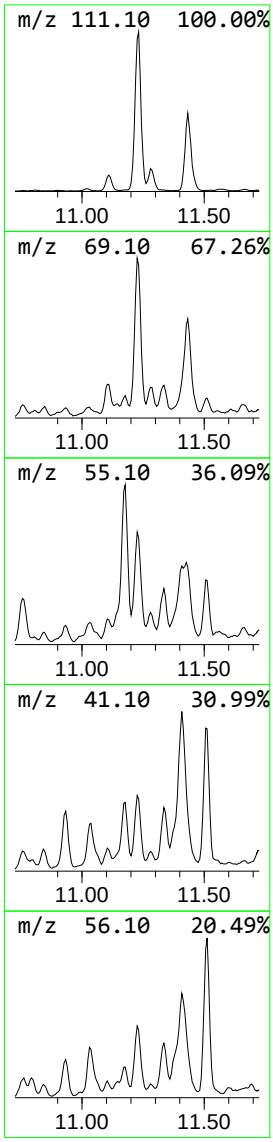
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic11.225 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	40.08 ug/L	1698330	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

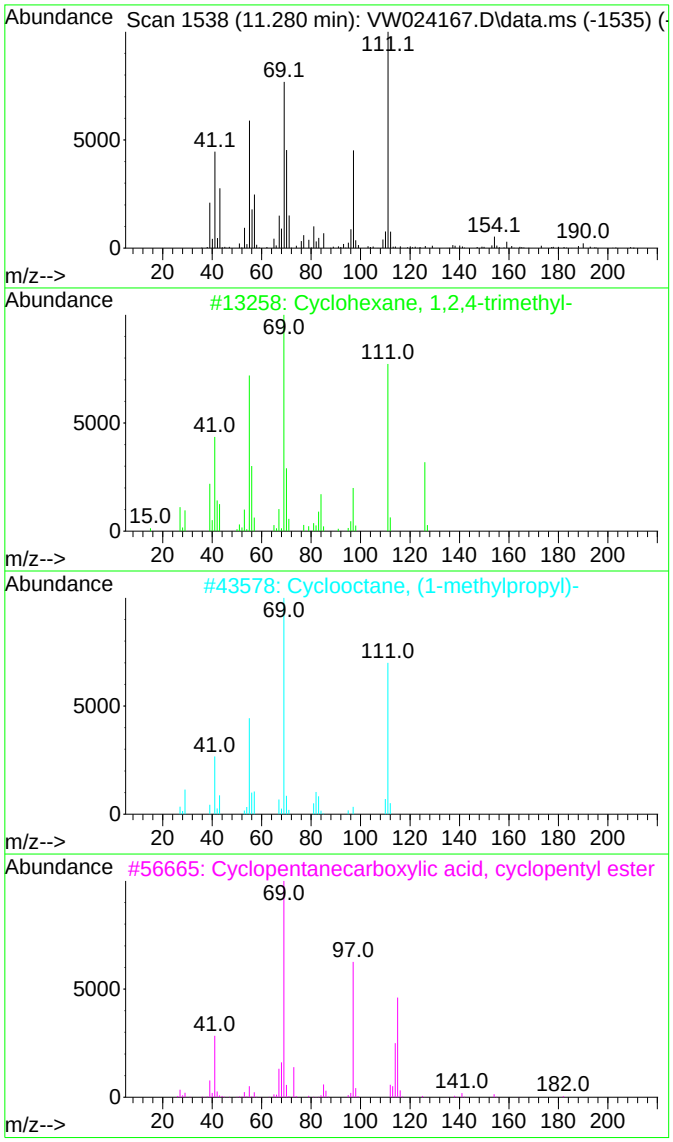
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

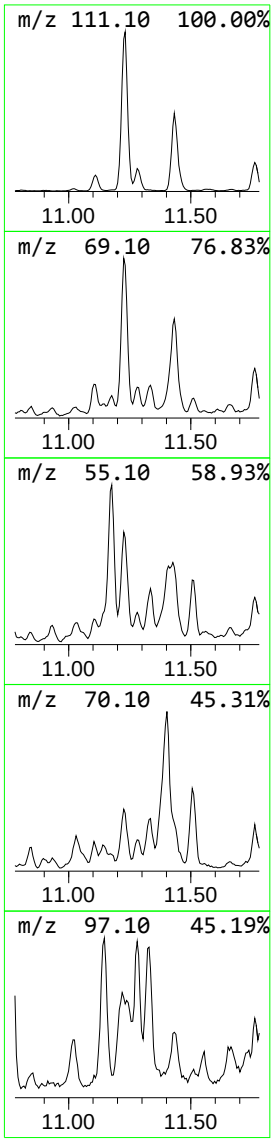
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic11.280 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	8.65 ug/L	366694	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	59
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
3	Cyclopentanecarboxylic acid, cyc...	182	C11H18O2	1000282-58-8	35
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

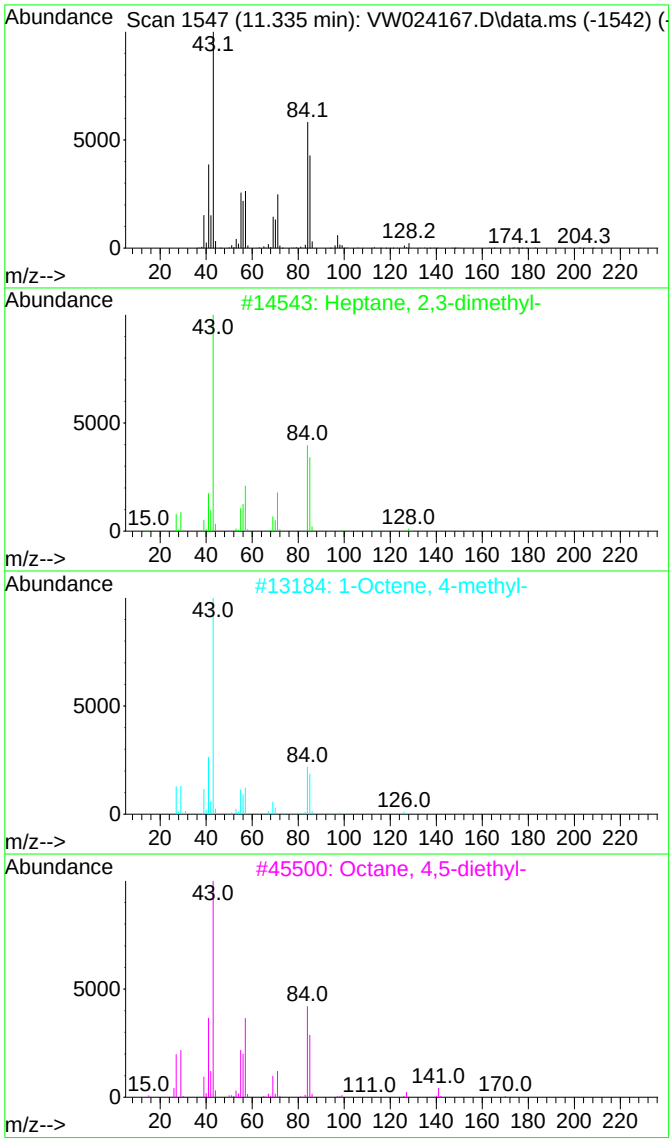
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

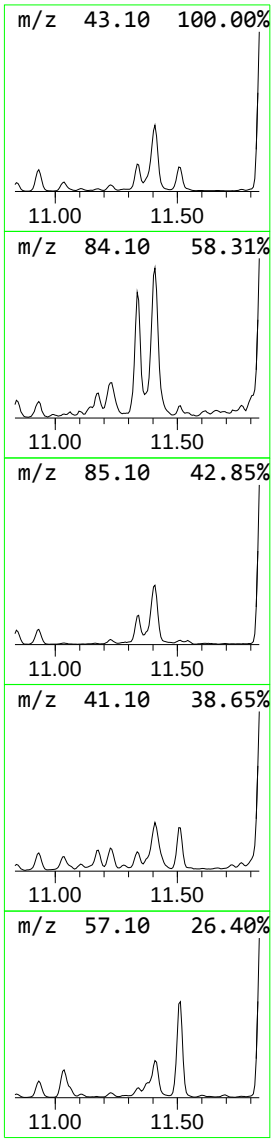
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	28.36 ug/L	1201630	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
2	1-Octene, 4-methyl-	126	C9H18	013151-12-7	74
3	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	72
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

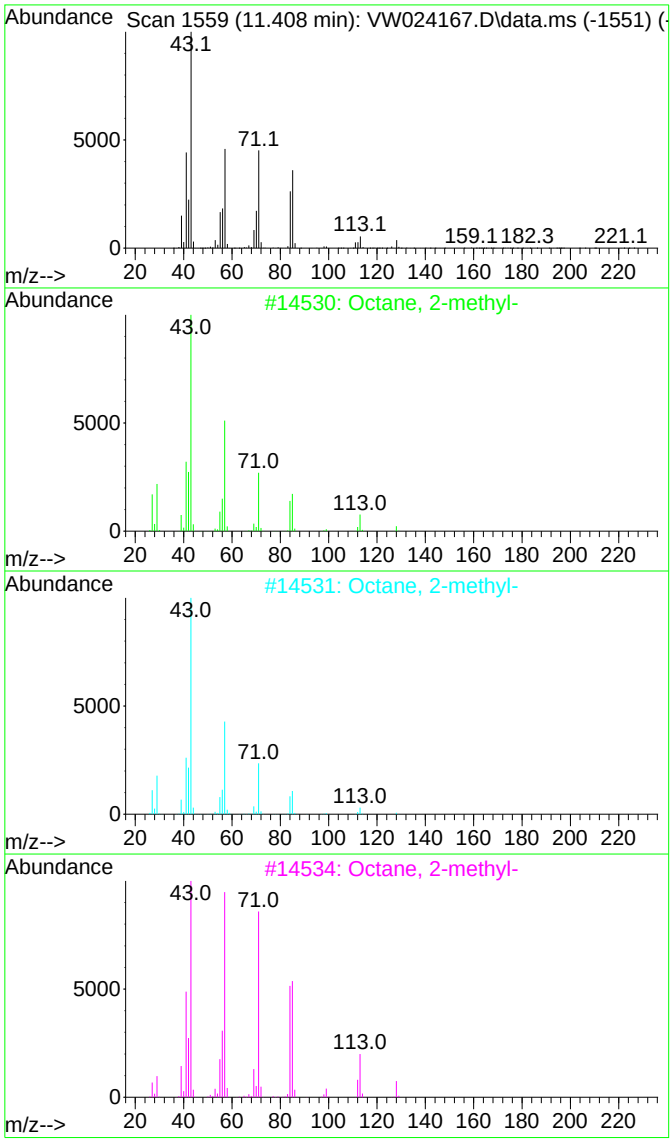
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

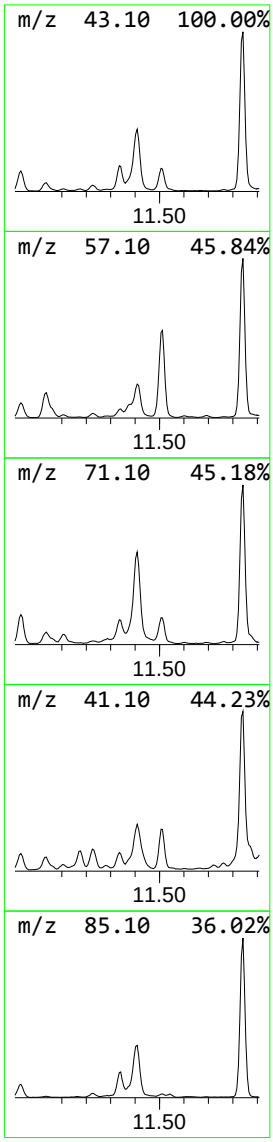
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	101.08 ug/L	4282690	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2	Octane, 2-methyl-	128	C9H20	003221-61-2	80
3	Octane, 2-methyl-	128	C9H20	003221-61-2	68
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

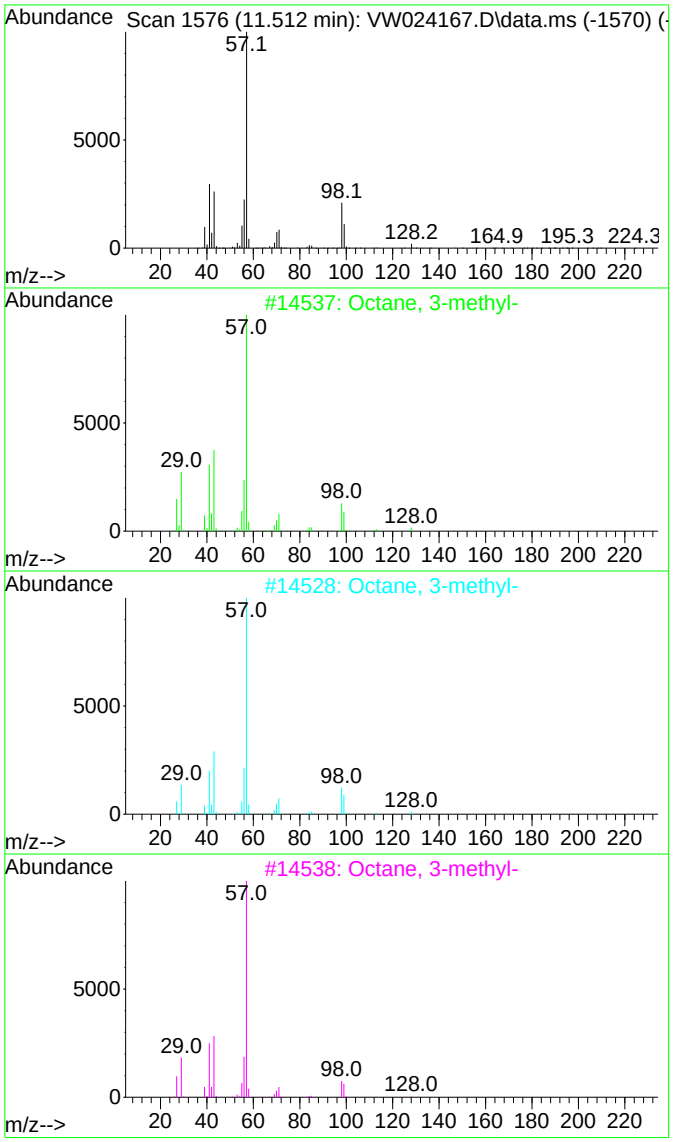
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

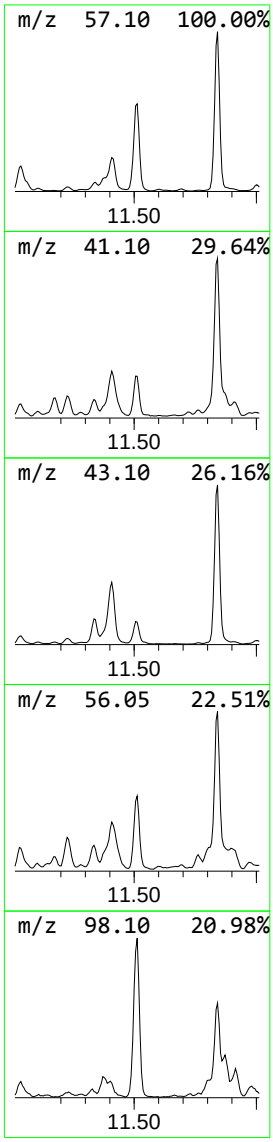
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	52.64 ug/L	2230240	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	74
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

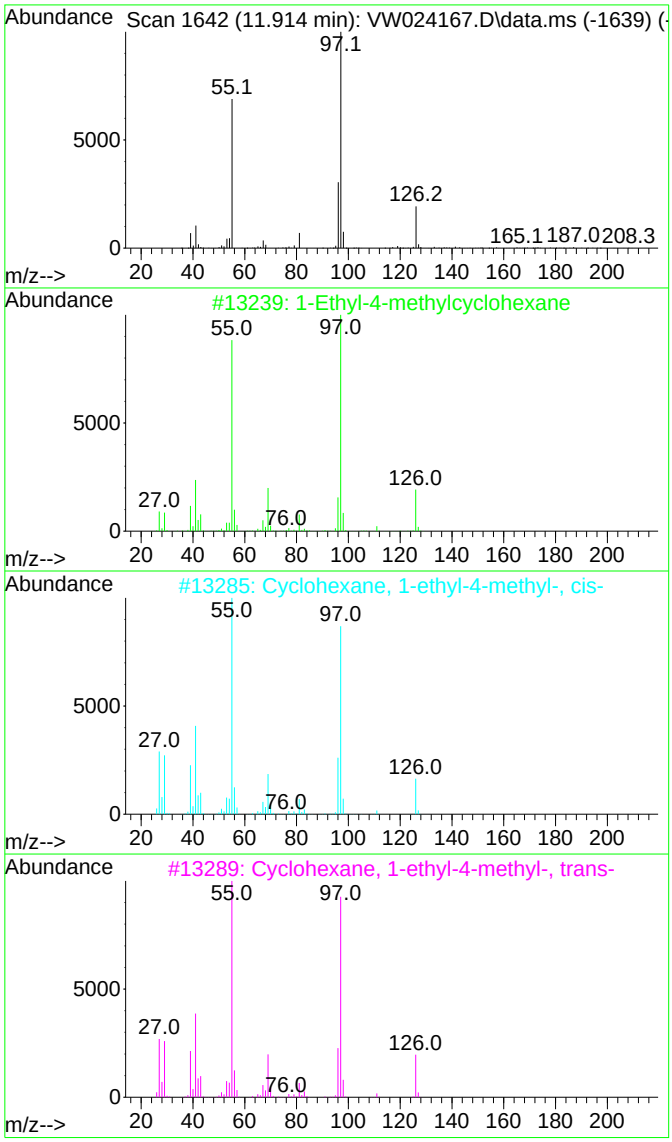
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

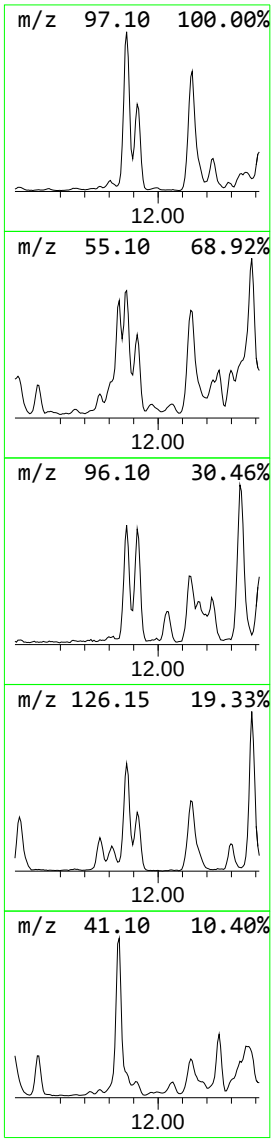
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.914 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	25.89 ug/L	1096850	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

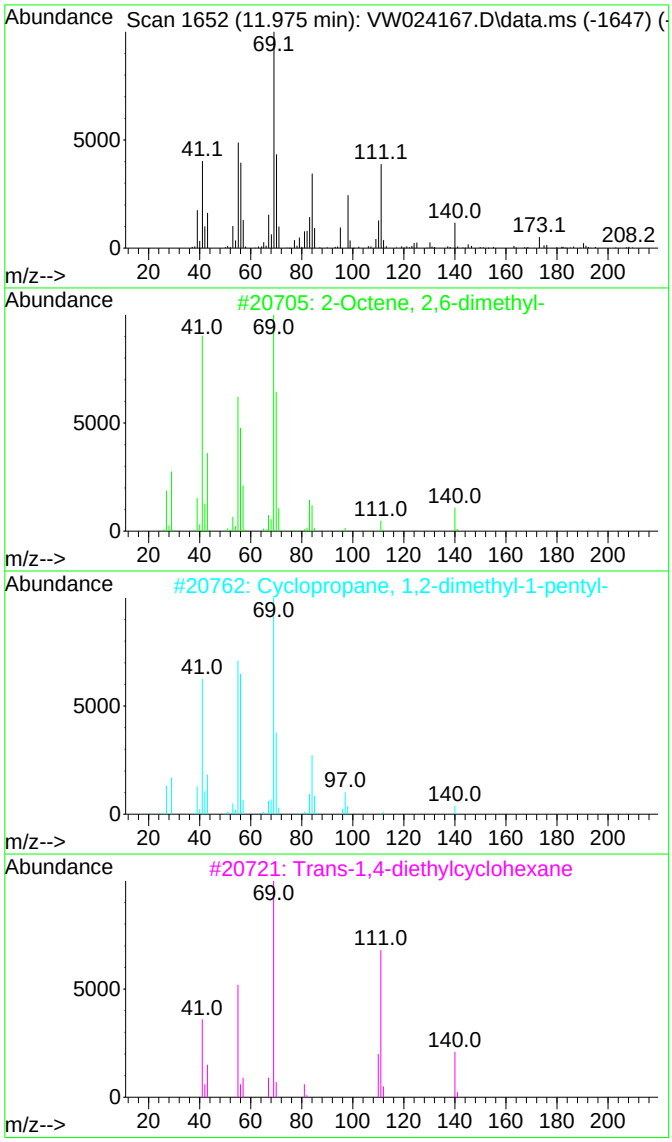
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

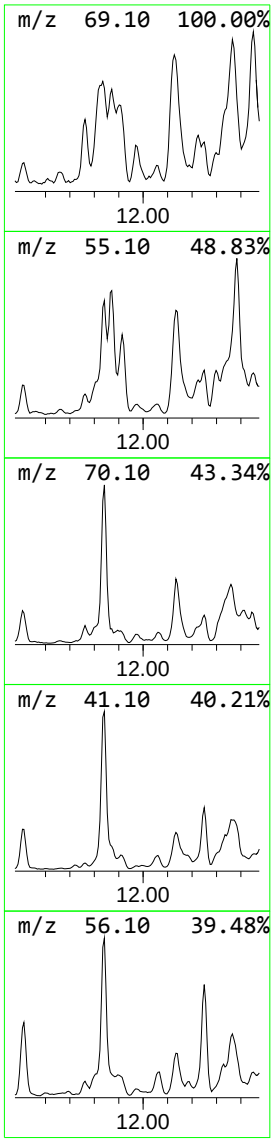
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	5.37 ug/L	227638	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	53
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

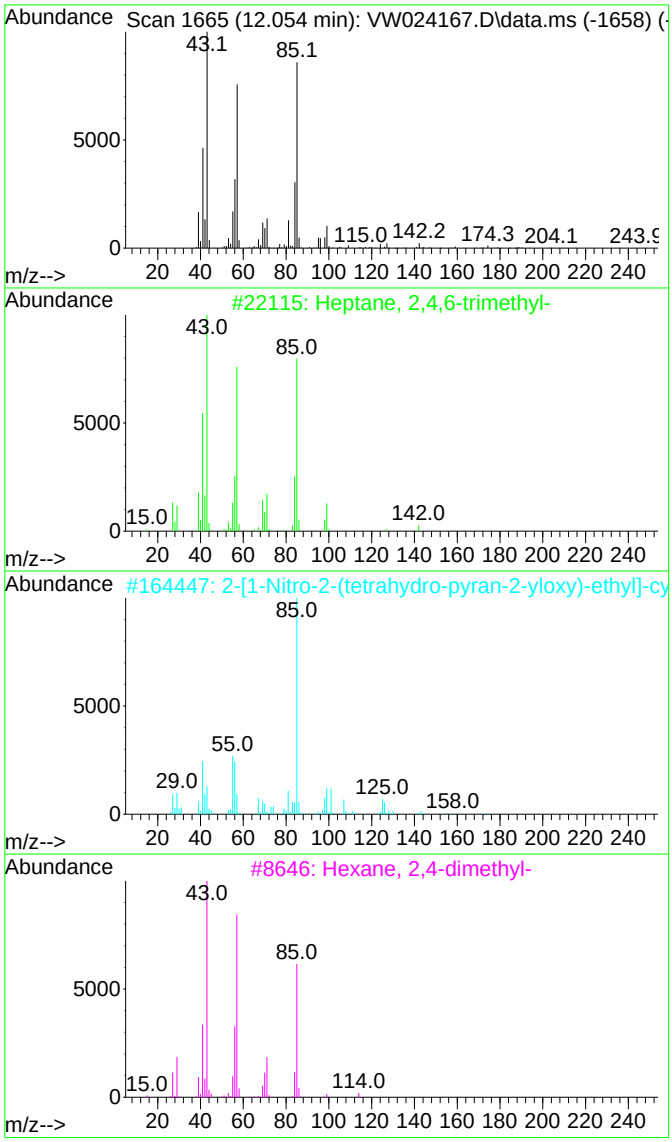
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

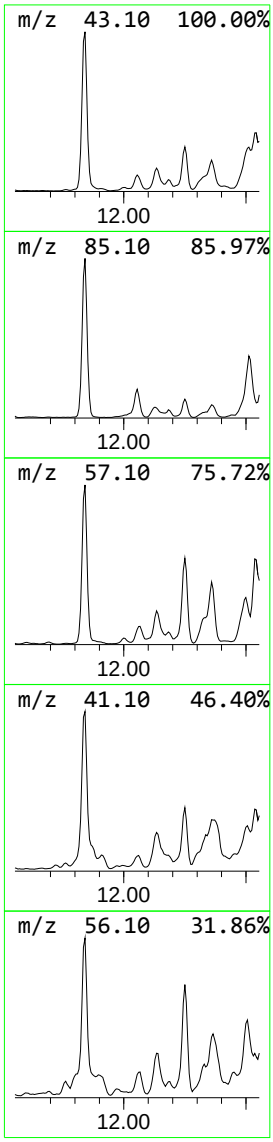
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.054	22.95 ug/L	972448	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	95
2	2-[1-Nitro-2-(tetrahydro-pyran-2...	273	C13H23NO5	1000190-43-2	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	53
5	n-Butyl (1,1-dimethylbutyl) sulfide	174	C10H22S	1000216-62-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

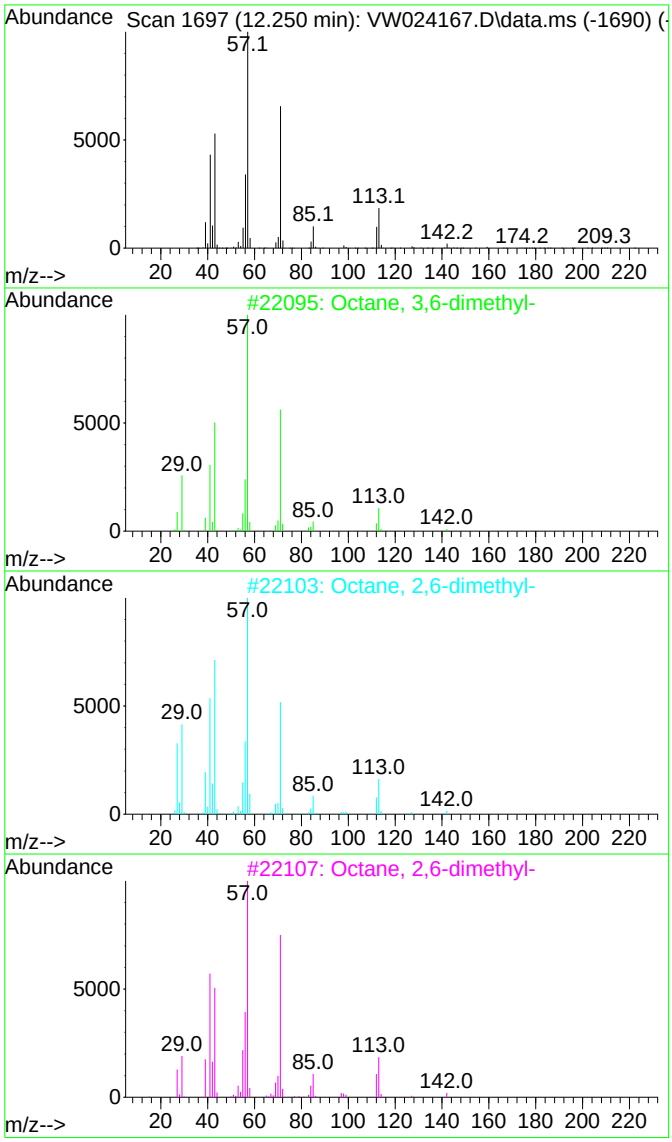
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

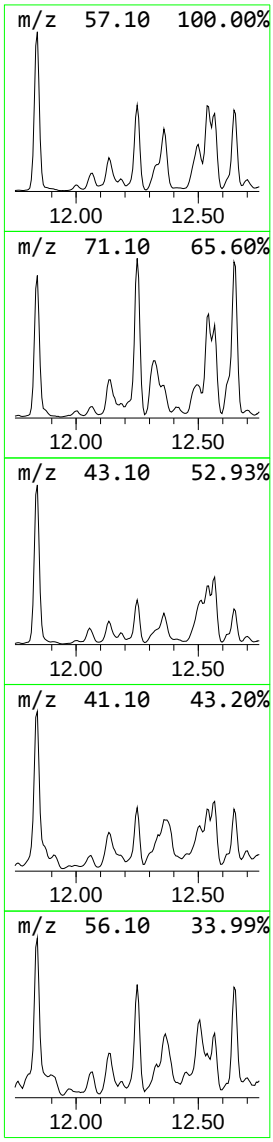
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	73.27 ug/L	3104640	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

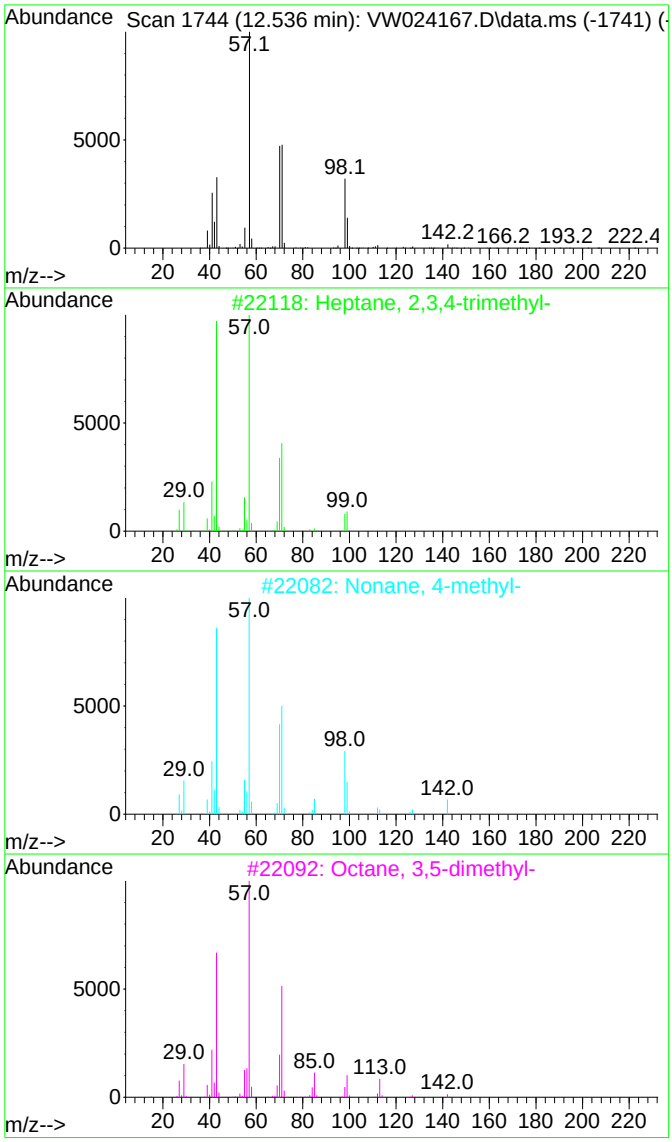
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

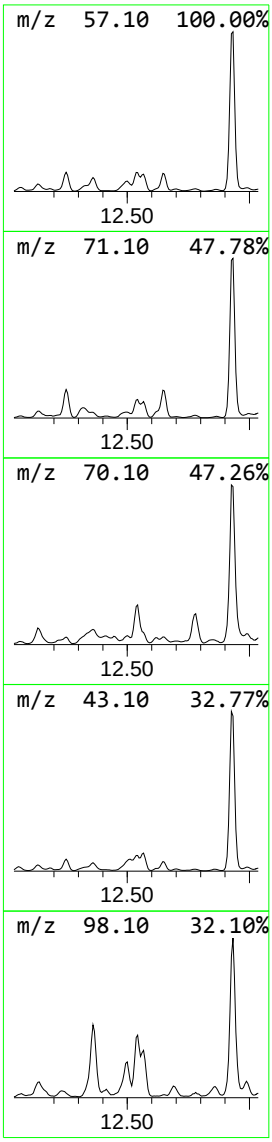
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	53.08 ug/L	2249120	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

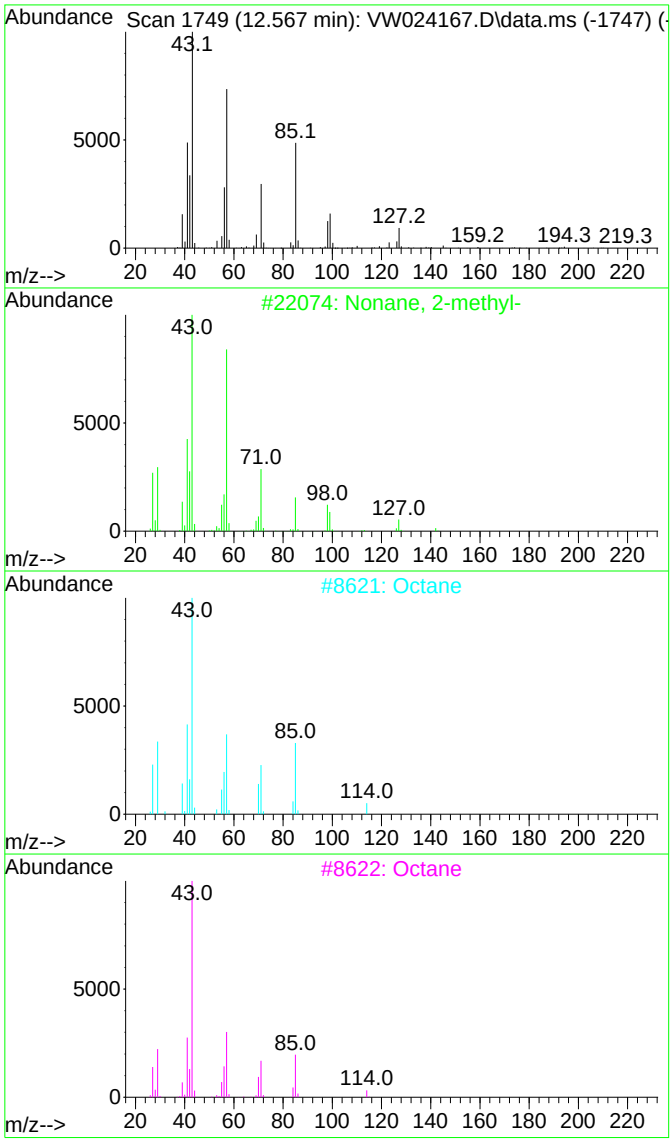
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

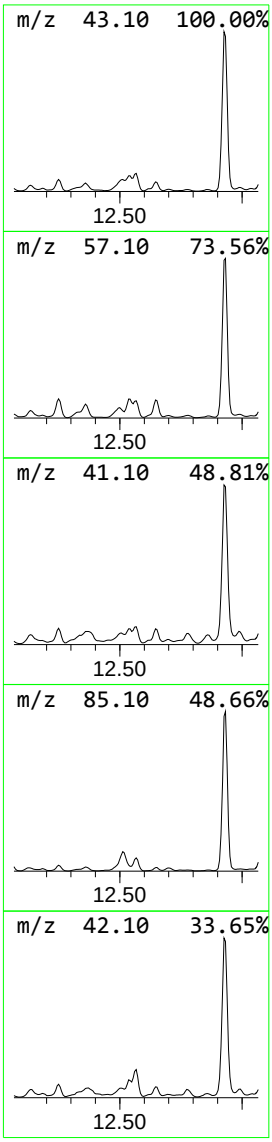
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	57.09 ug/L	2418740	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
2	Octane	114	C8H18	000111-65-9	53
3	Octane	114	C8H18	000111-65-9	53
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

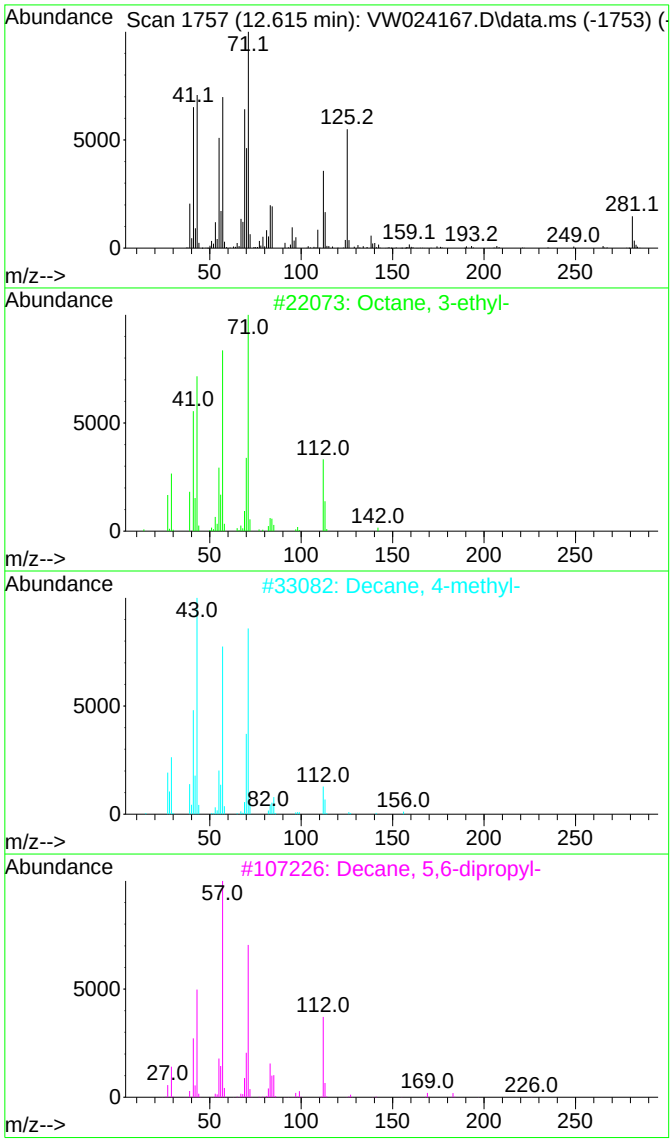
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

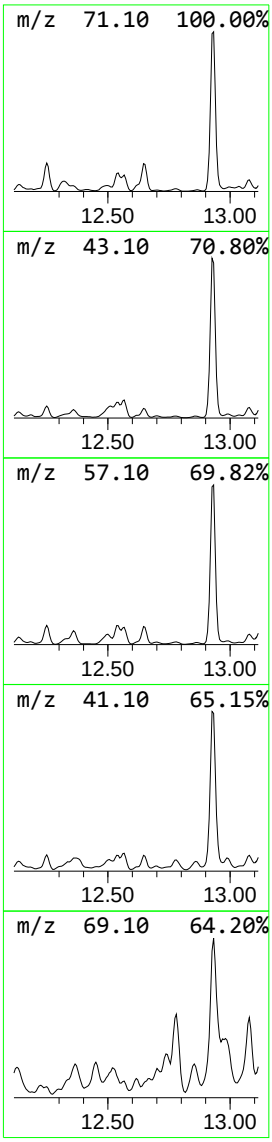
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	2.20 ug/L	634876	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	49
2	Decane, 4-methyl-	156	C11H24	002847-72-5	47
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47
4	Decane, 4-methyl-	156	C11H24	002847-72-5	43
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

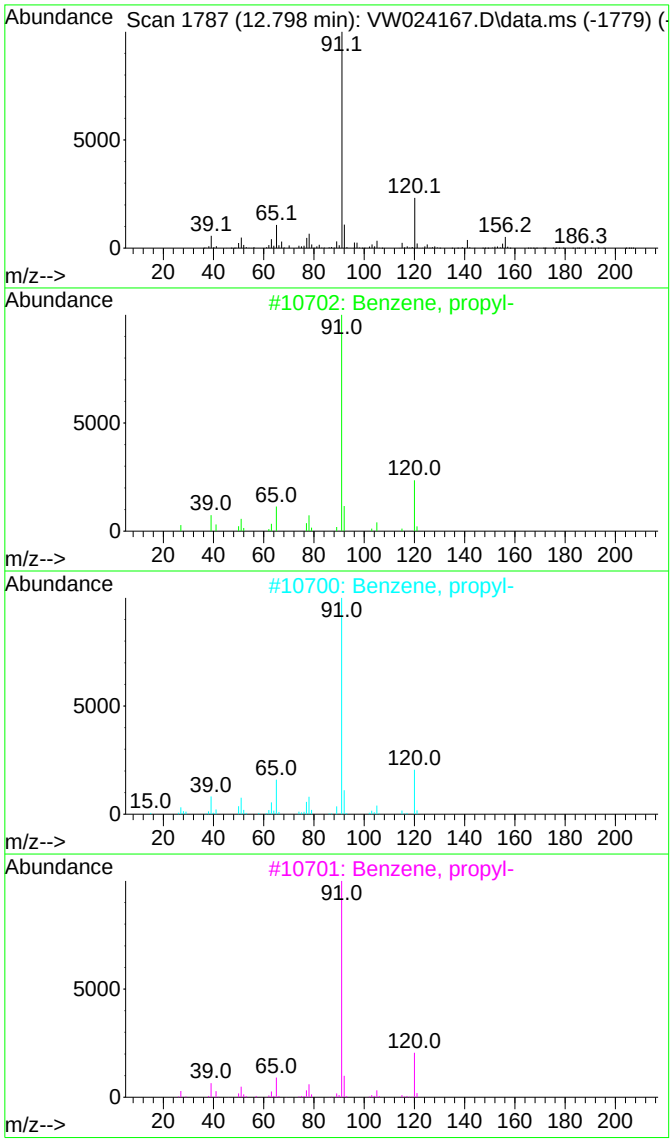
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

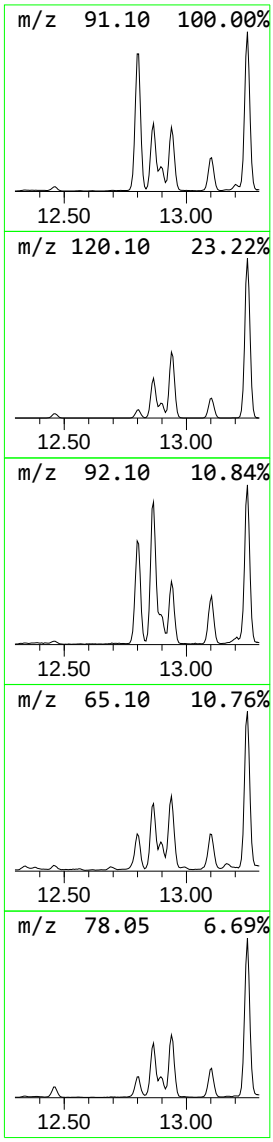
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, propyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	15.70 ug/L	4526080	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	93
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

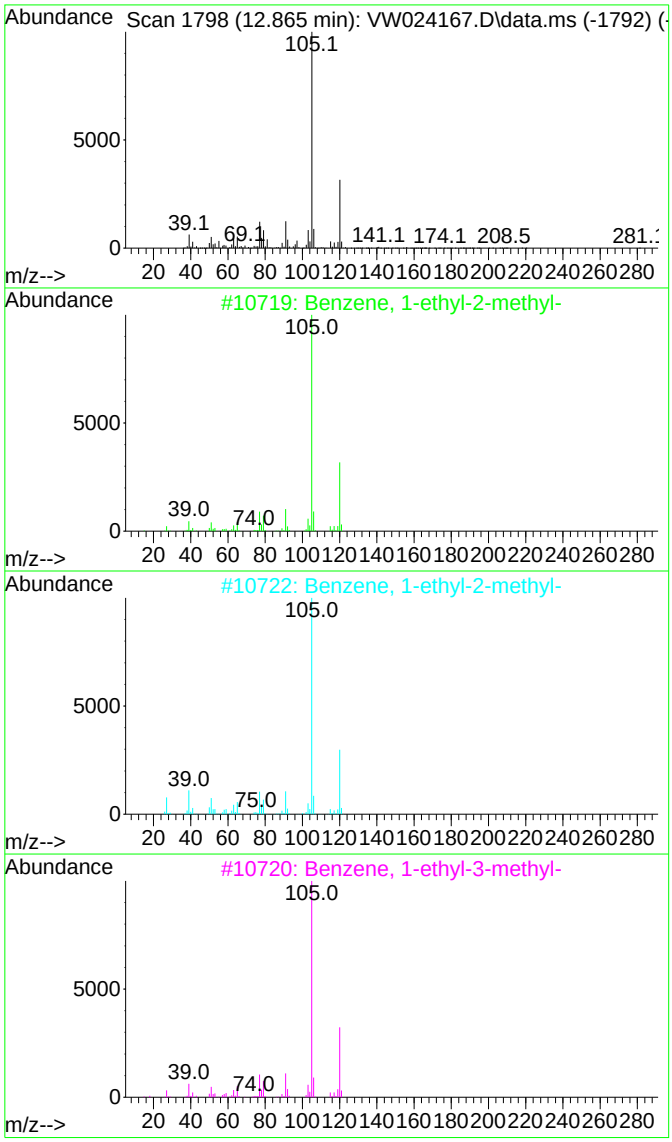
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

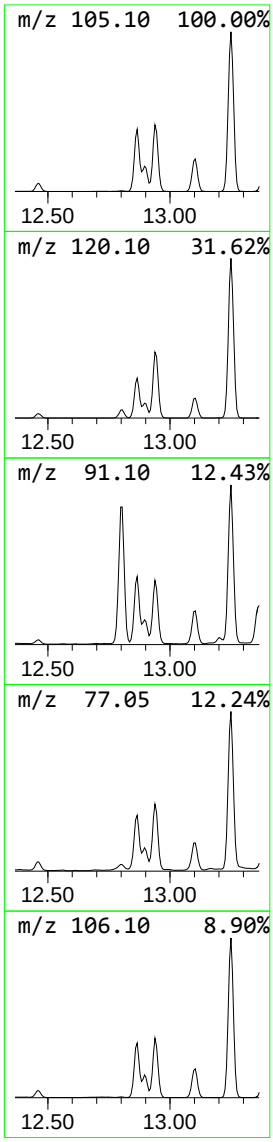
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	51.40 ug/L	14820600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

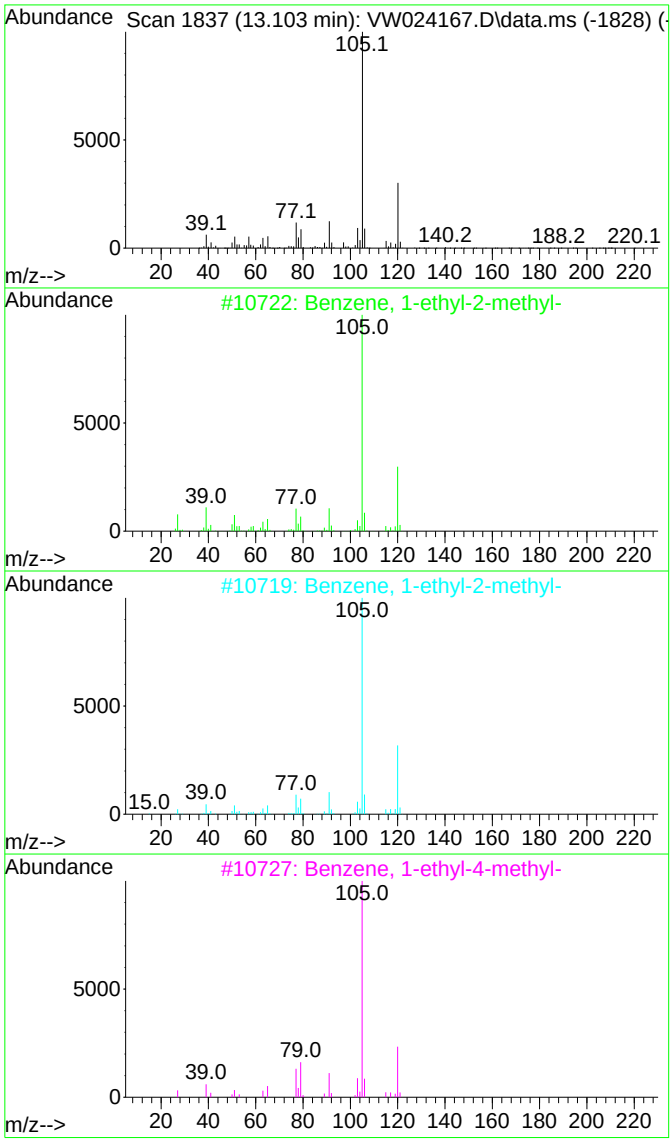
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

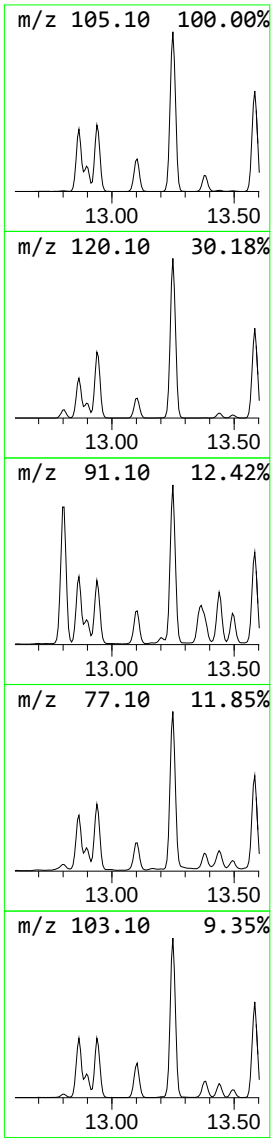
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	43.13 ug/L	12436300	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

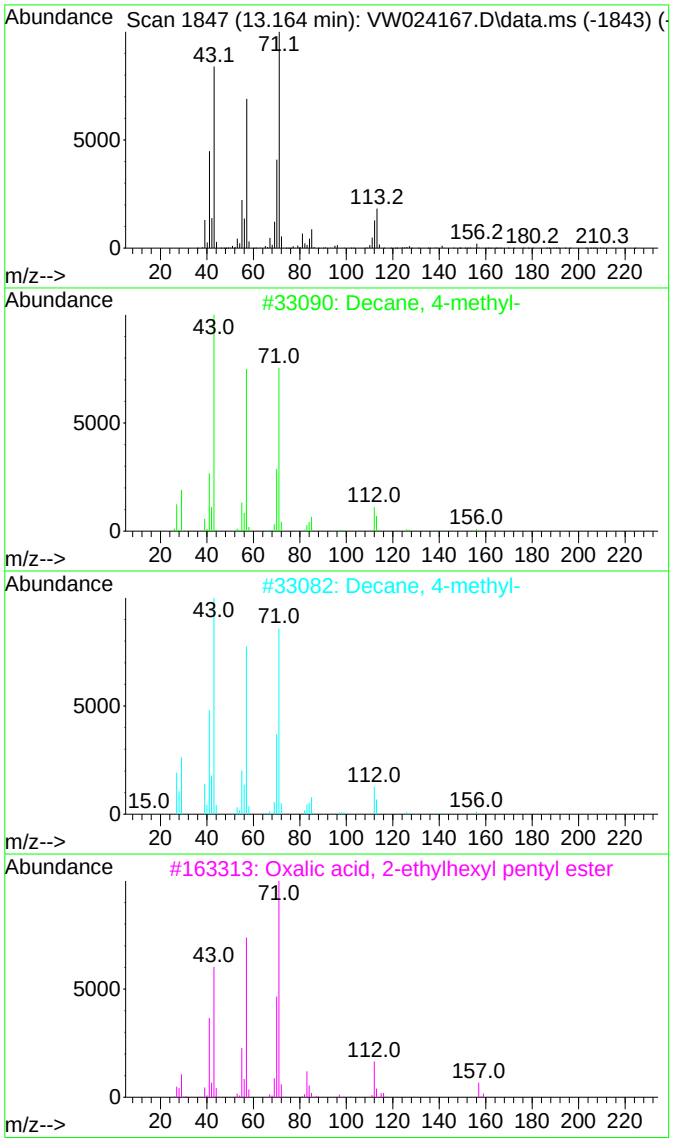
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

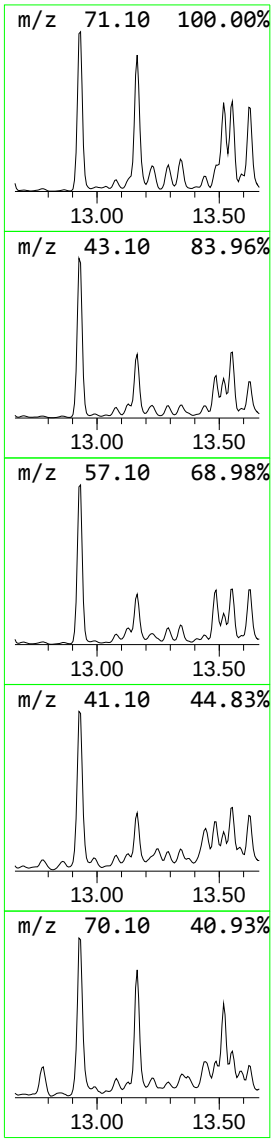
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	37.08 ug/L	10690500	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	80
2	Decane, 4-methyl-	156	C11H24	002847-72-5	72
3	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

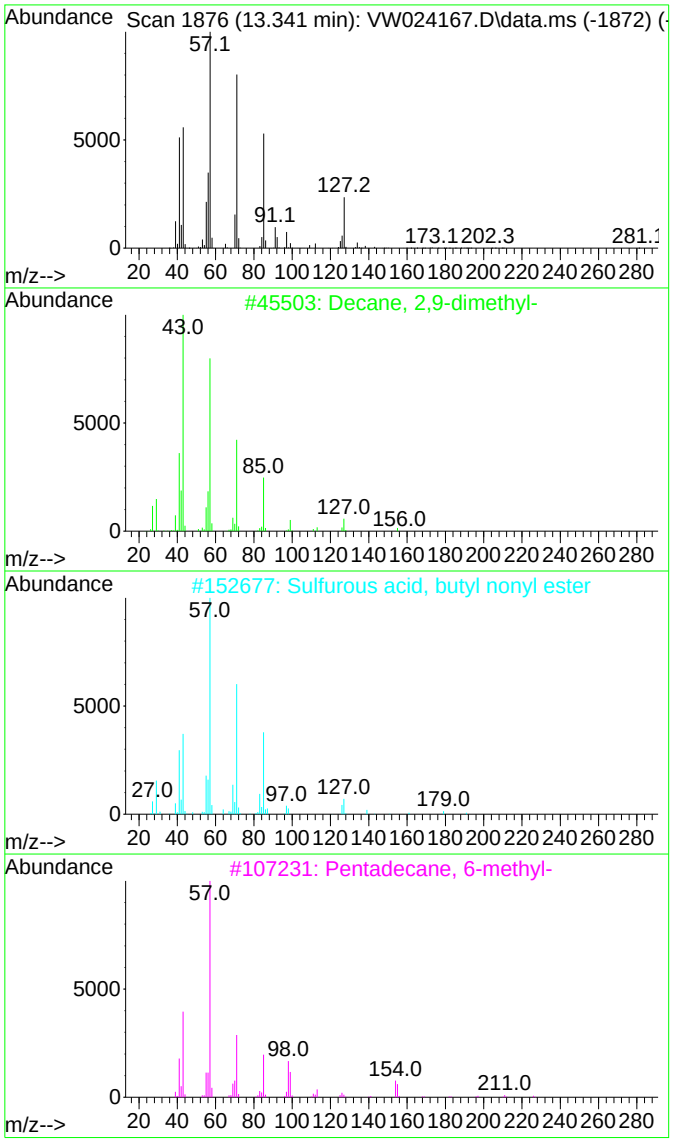
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

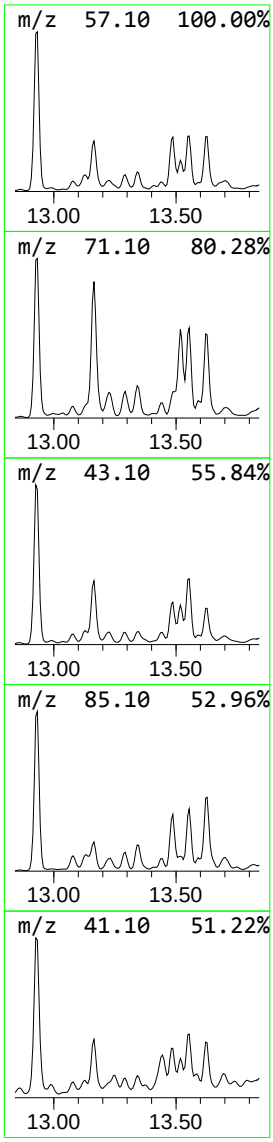
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	9.95 ug/L	2868910	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

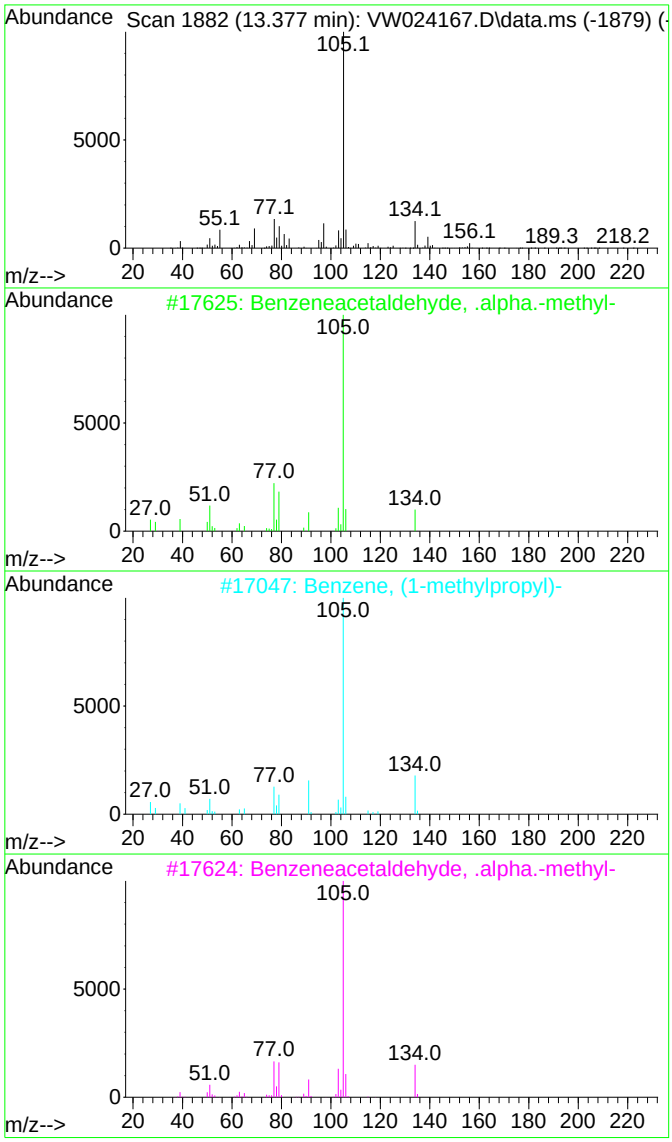
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

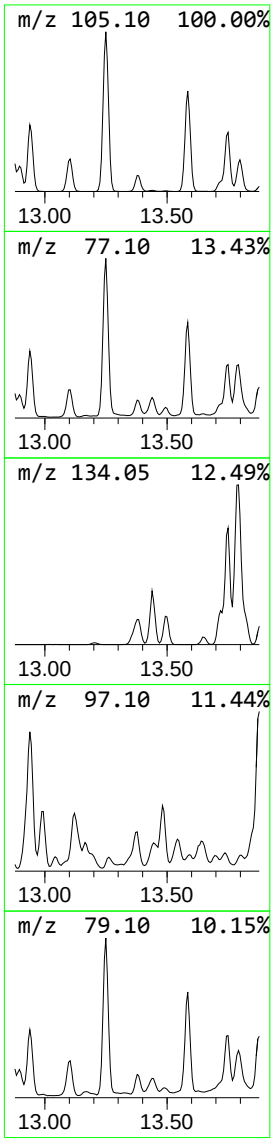
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzeneacetaldehyde, .alpha... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	9.76 ug/L	2814520	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	52
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

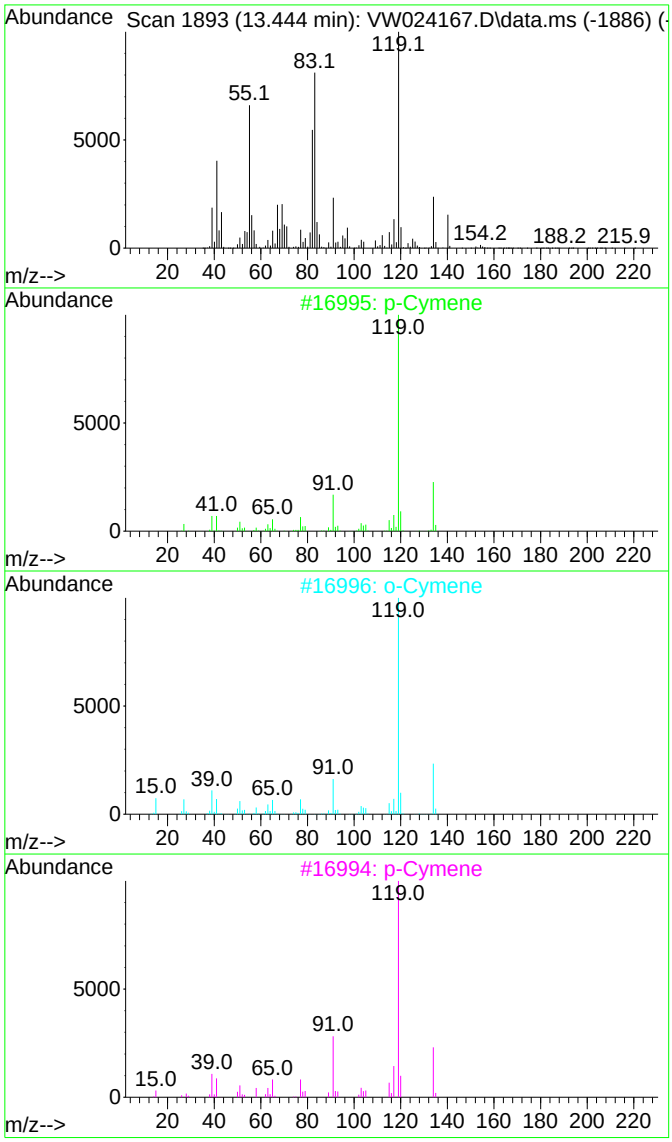
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

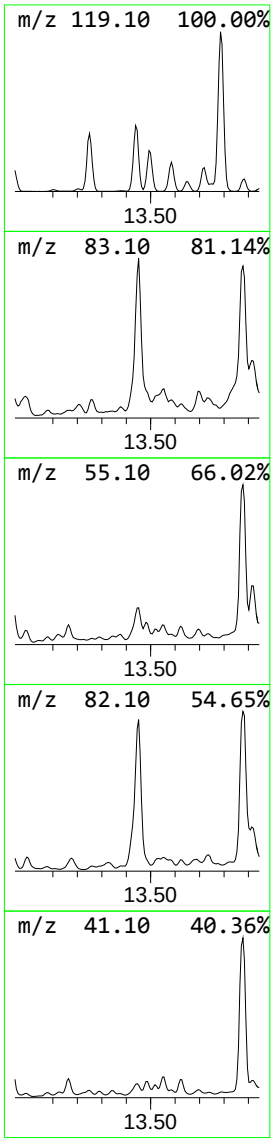
****

Peak Number 29 p-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	57.60 ug/L	16608600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	86
2	o-Cymene	134	C10H14	000527-84-4	86
3	p-Cymene	134	C10H14	000099-87-6	86
4	p-Cymene	134	C10H14	000099-87-6	83
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

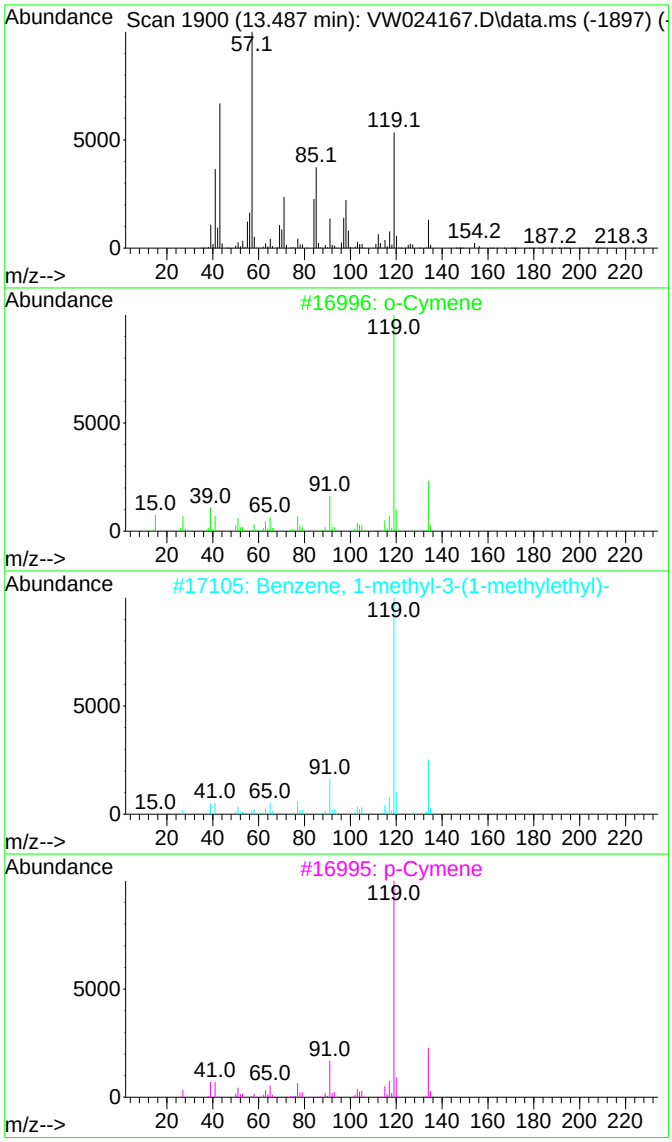
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

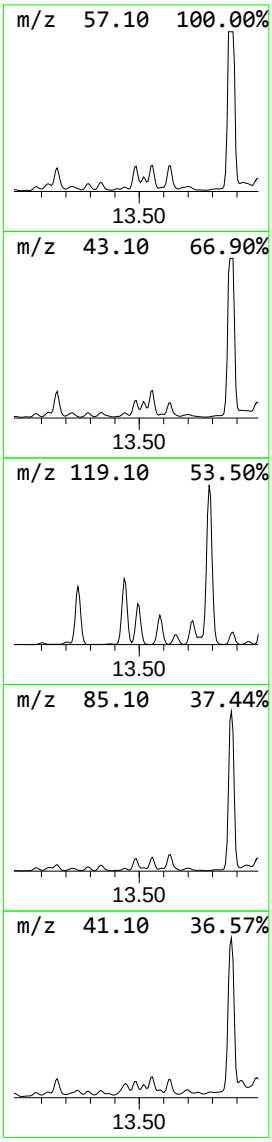
****

Peak Number 30 o-Cymene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	25.28 ug/L	7288300	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	74
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5	Decane, 5-methyl-	156	C11H24	013151-35-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

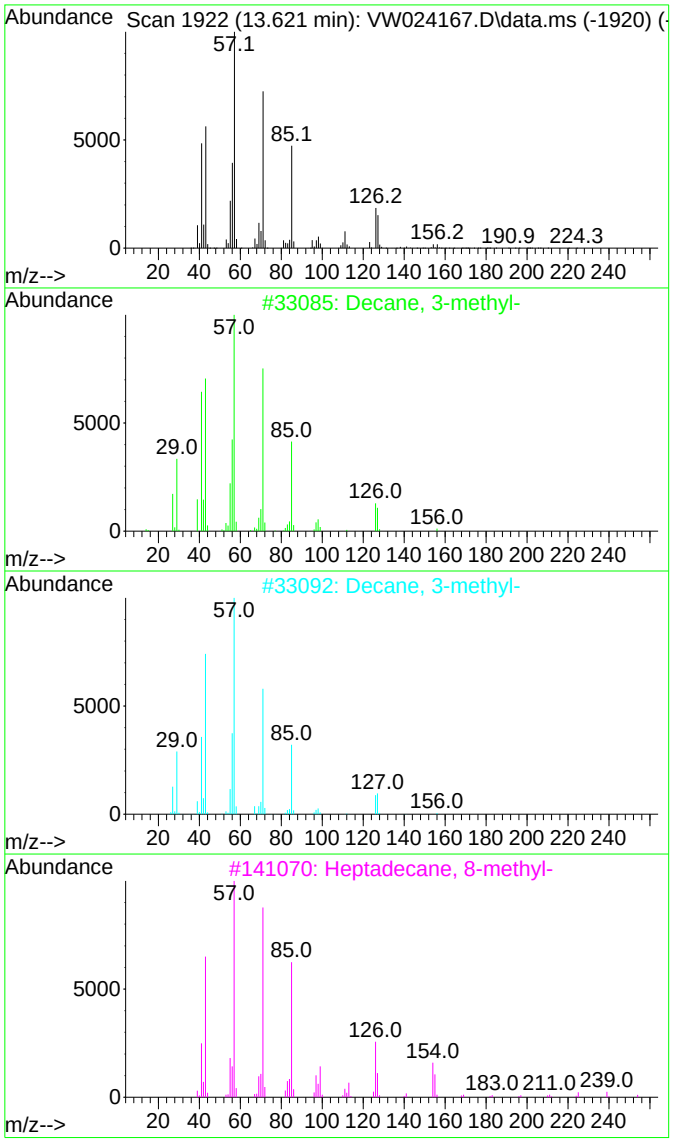
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

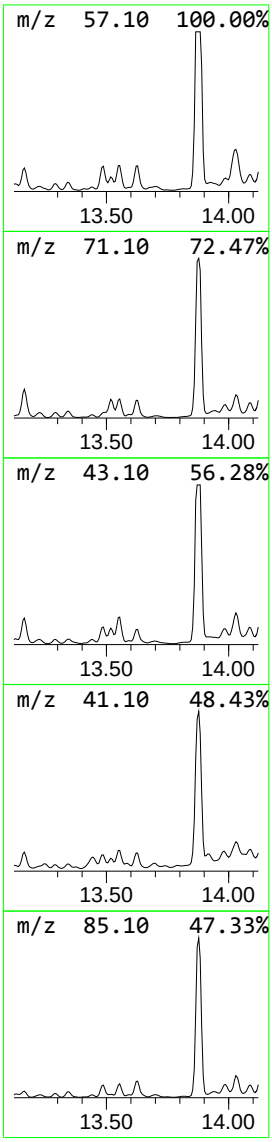
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	31.26 ug/L	9013400	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Decane, 3-methyl-	156	C11H24	013151-34-3	83
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

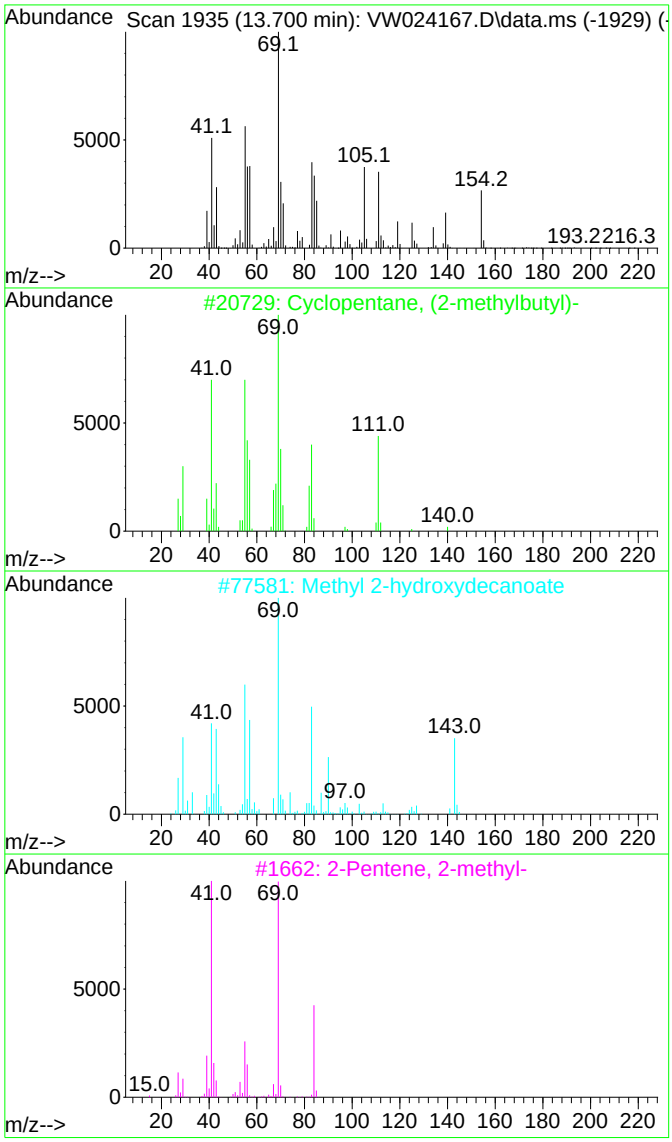
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

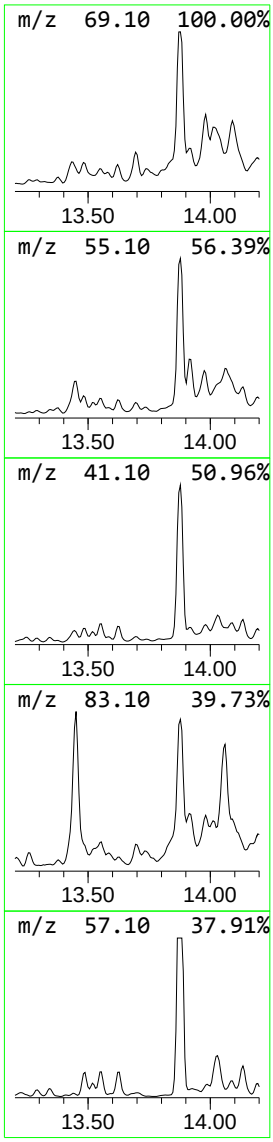
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic13.701 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	20.54 ug/L	5923630	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
2	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	38
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	30
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	30
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

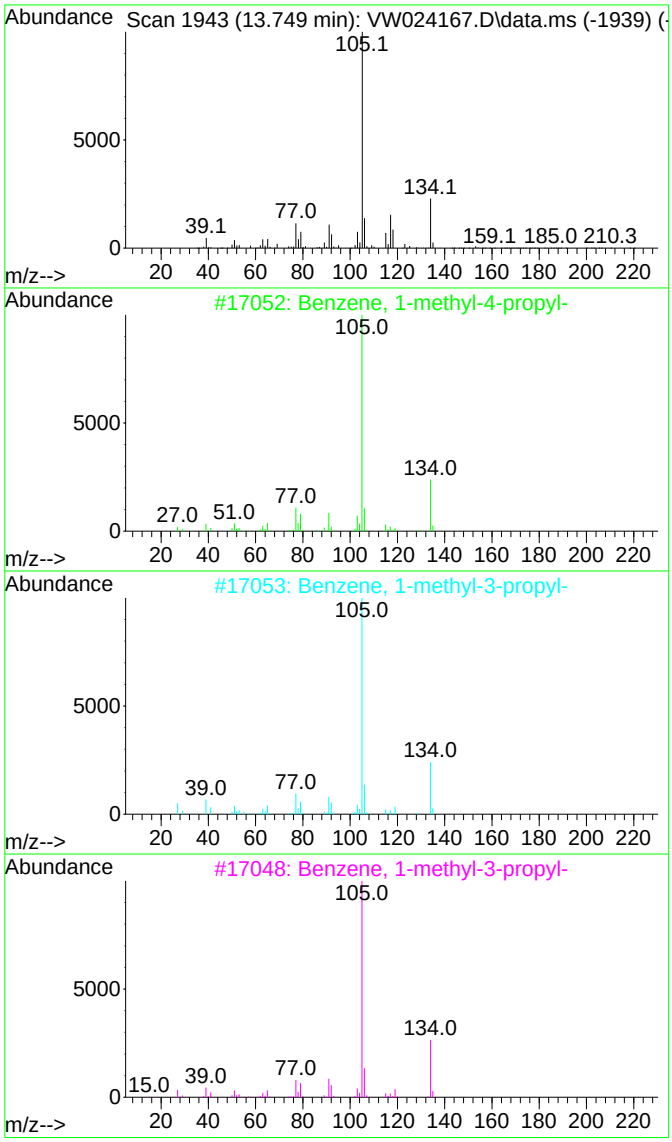
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

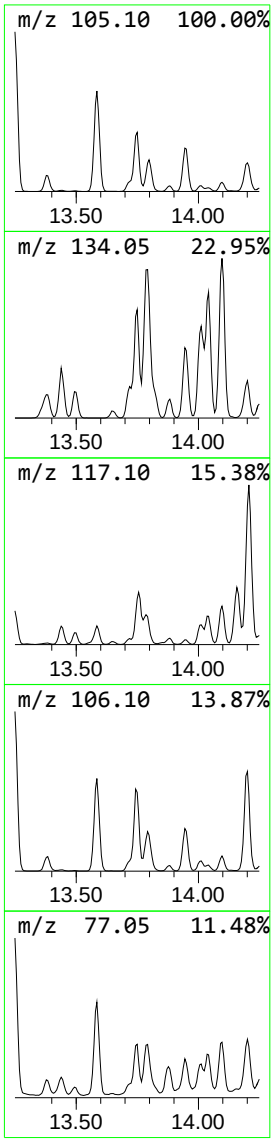
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	29.11 ug/L	8393730	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

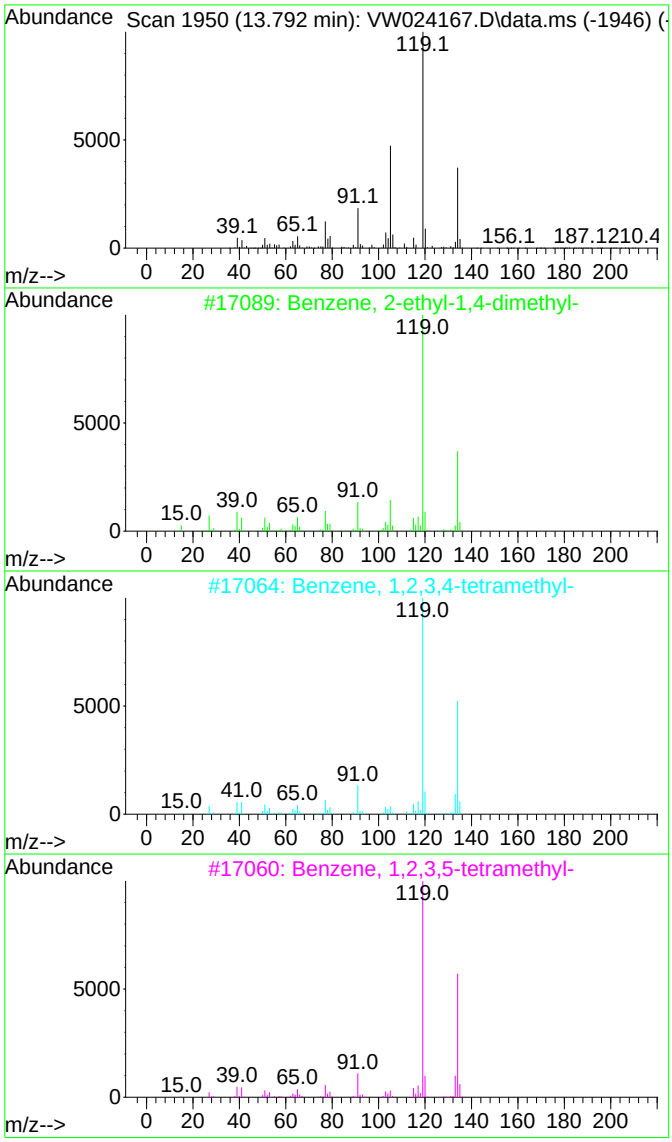
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

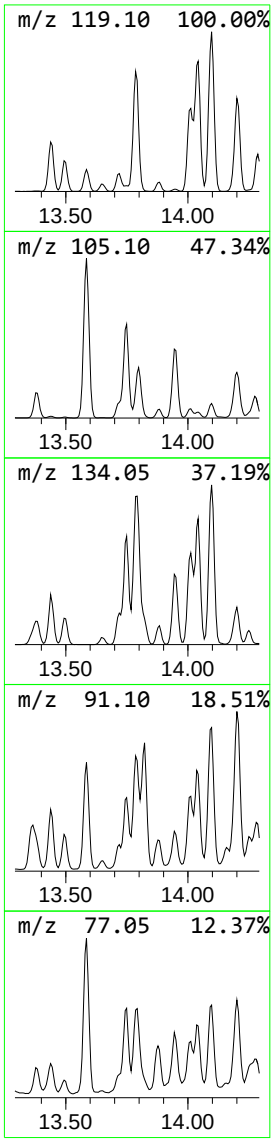
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	45.03 ug/L	12982900	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	o-Cymene	134	C10H14	000527-84-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

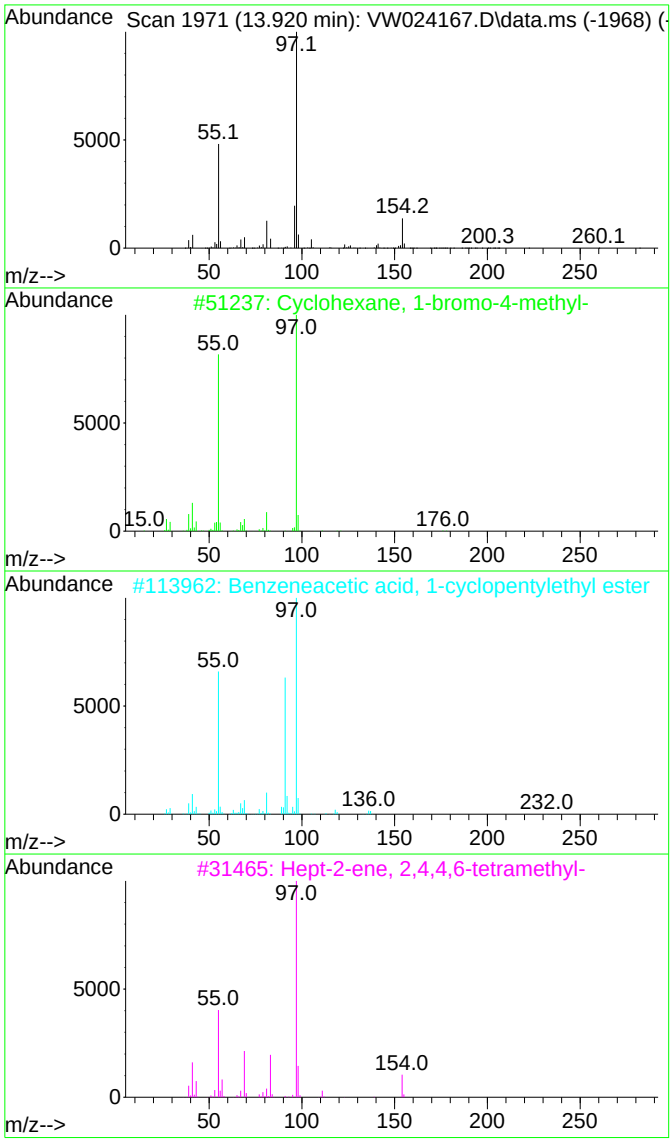
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

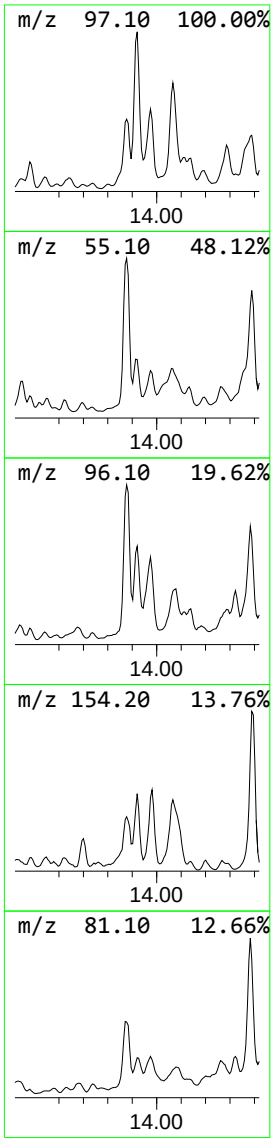
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	7.54 ug/L	2172990	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	59
2	Benzeneacetic acid, 1-cyclopenty...	232	C15H20O2	1000282-63-7	53
3	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	53
4	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	50
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

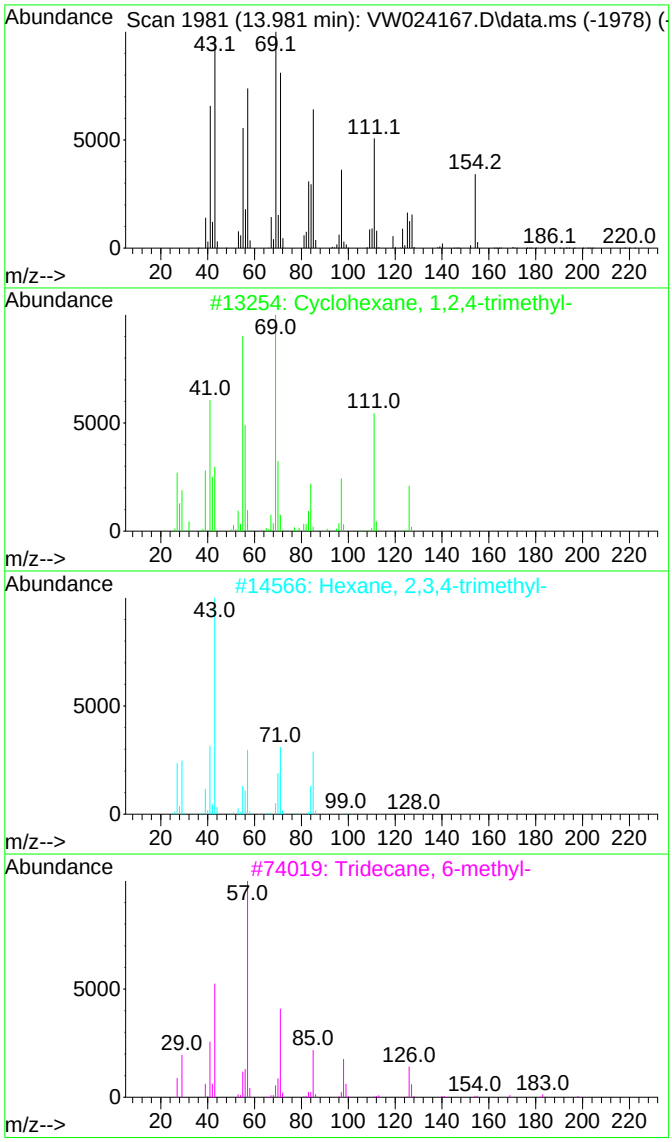
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

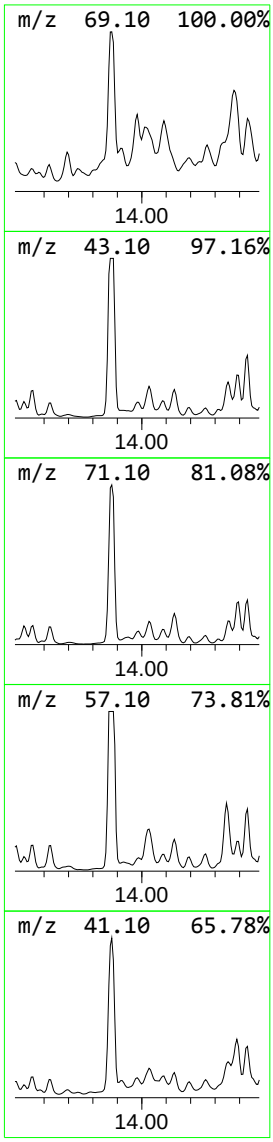
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic13.981 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	28.94 ug/L	8342990	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	35
5	Cyclopentanone, 2-methyl-3-(1-ox...	154	C9H14O2	079881-04-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

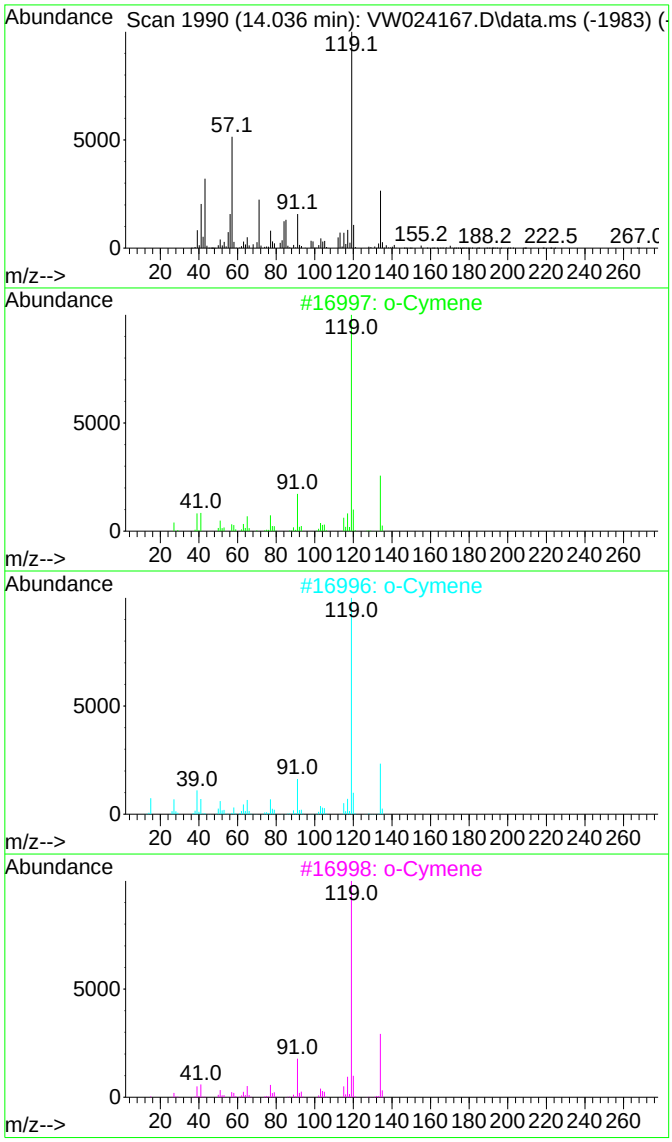
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

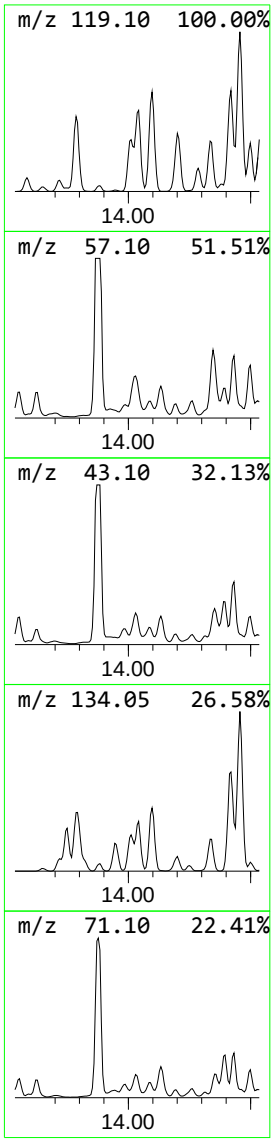
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	130.76 ug/L	37701400	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	92
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

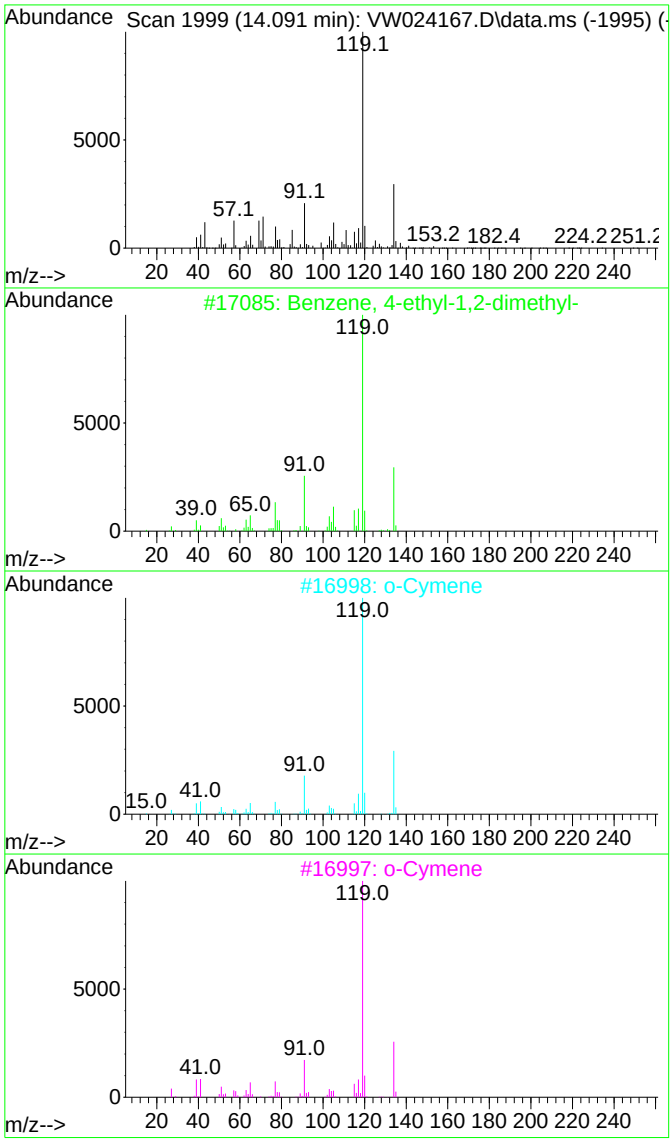
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

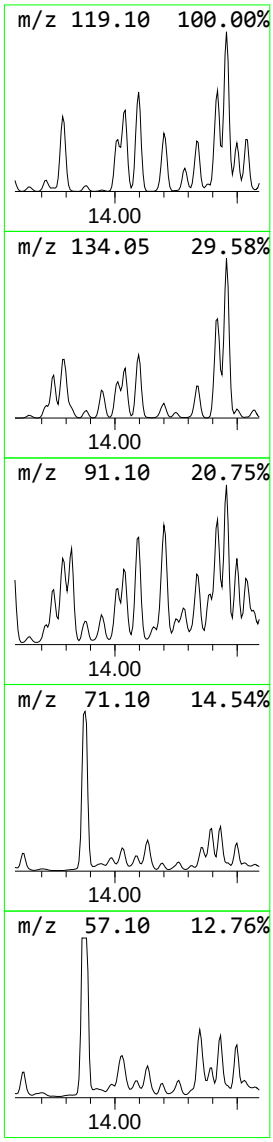
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	77.96 ug/L	22478000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

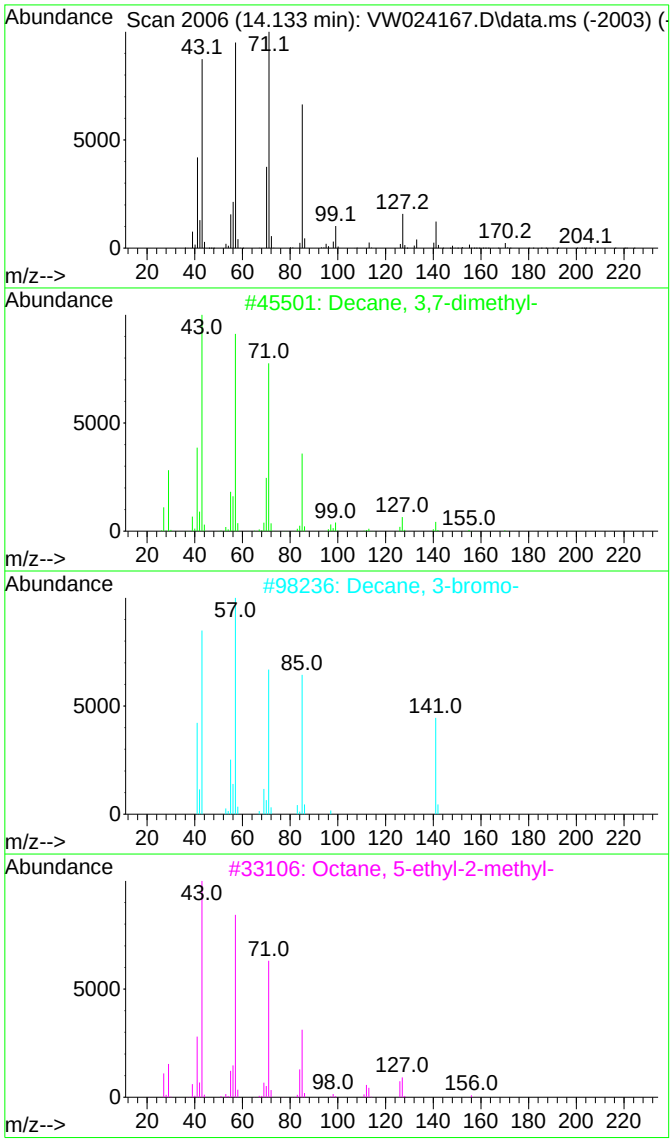
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

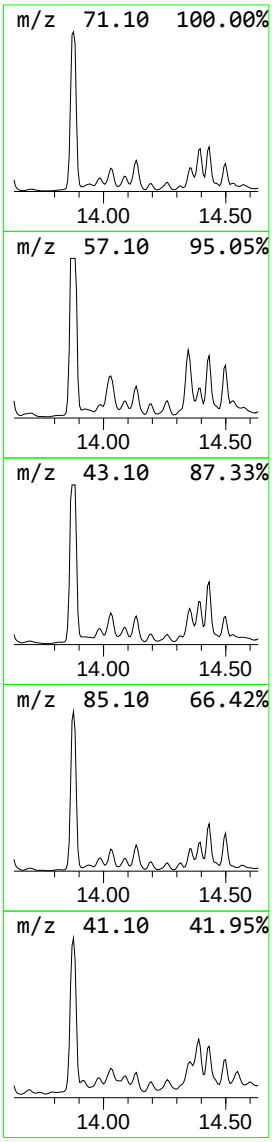
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	43.42 ug/L	12519000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2	Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
5	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

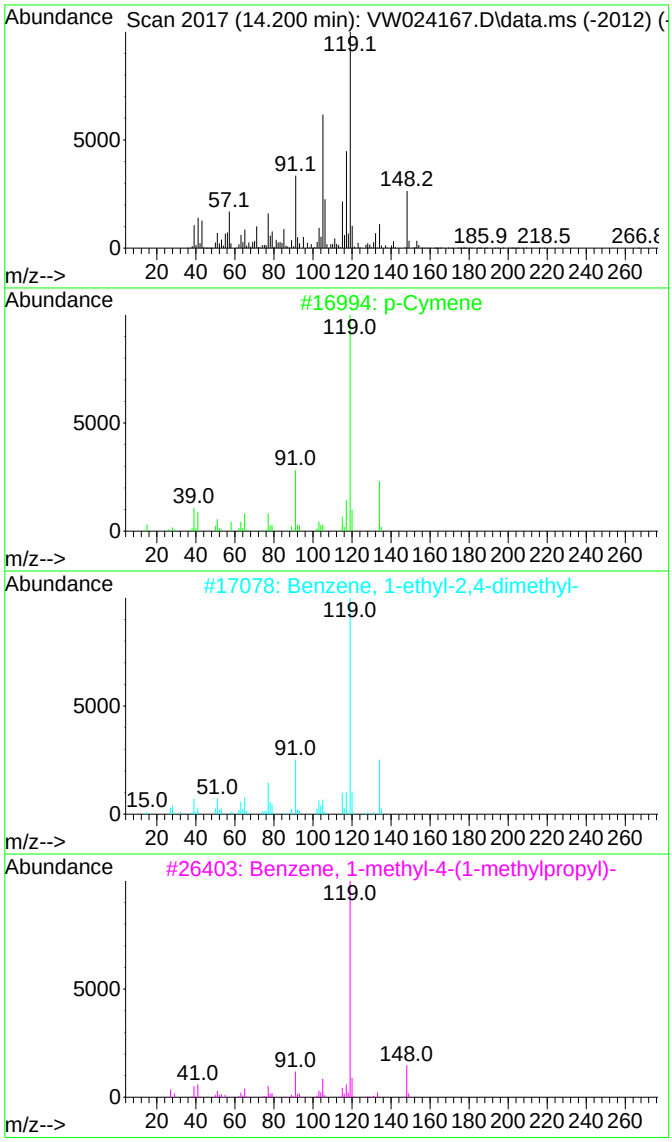
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

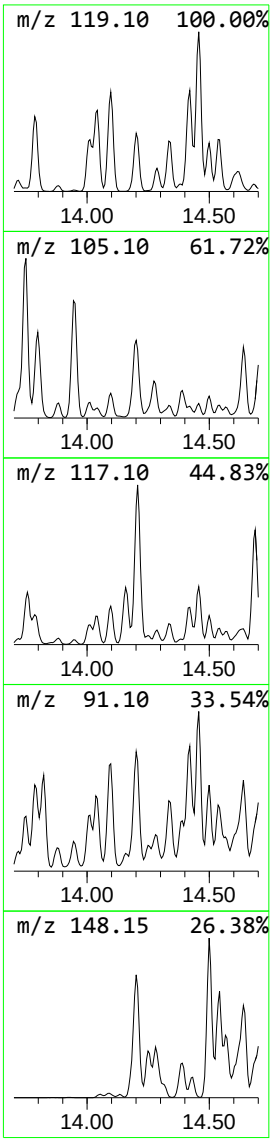
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	82.47 ug/L	23777400	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	55
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

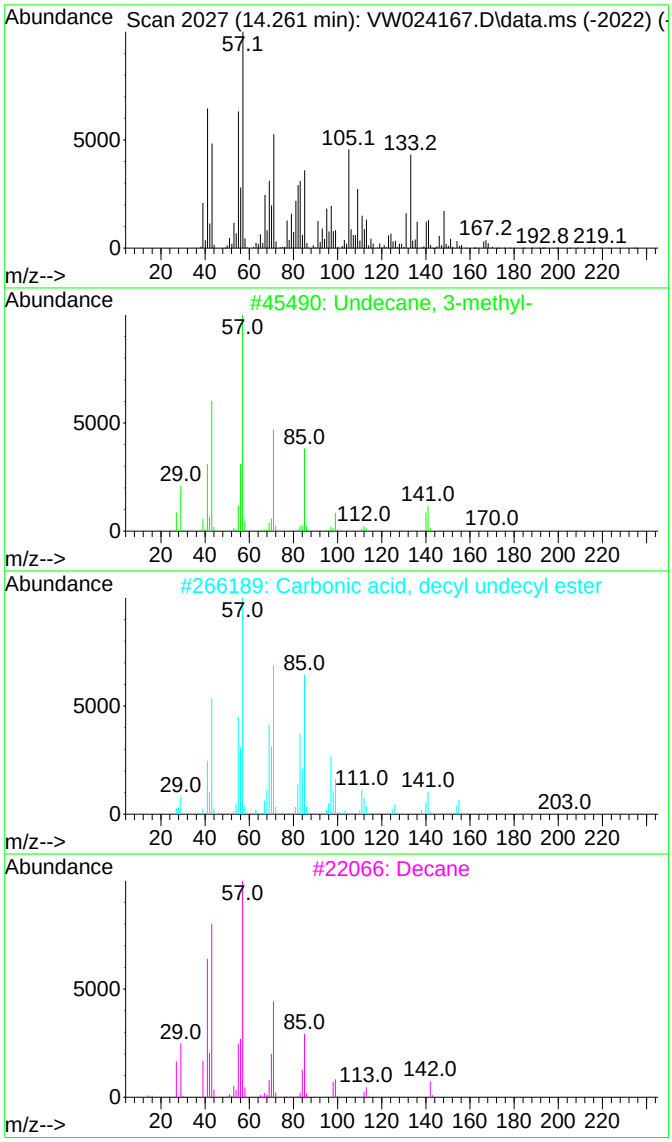
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

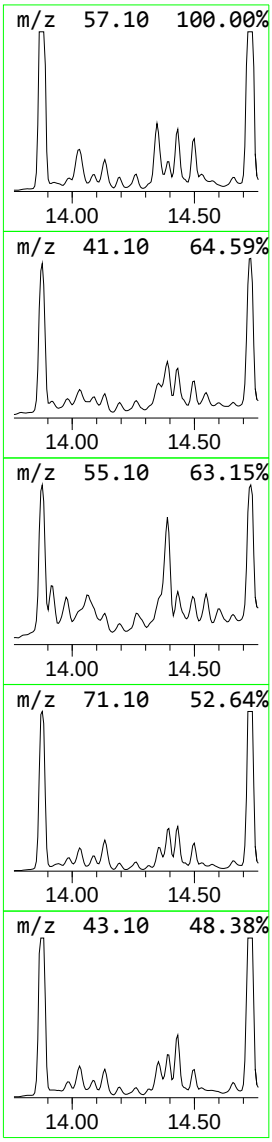
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	56.03 ug/L	16155700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	42
2	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	38
3	Decane	142	C10H22	000124-18-5	35
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	30
5	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

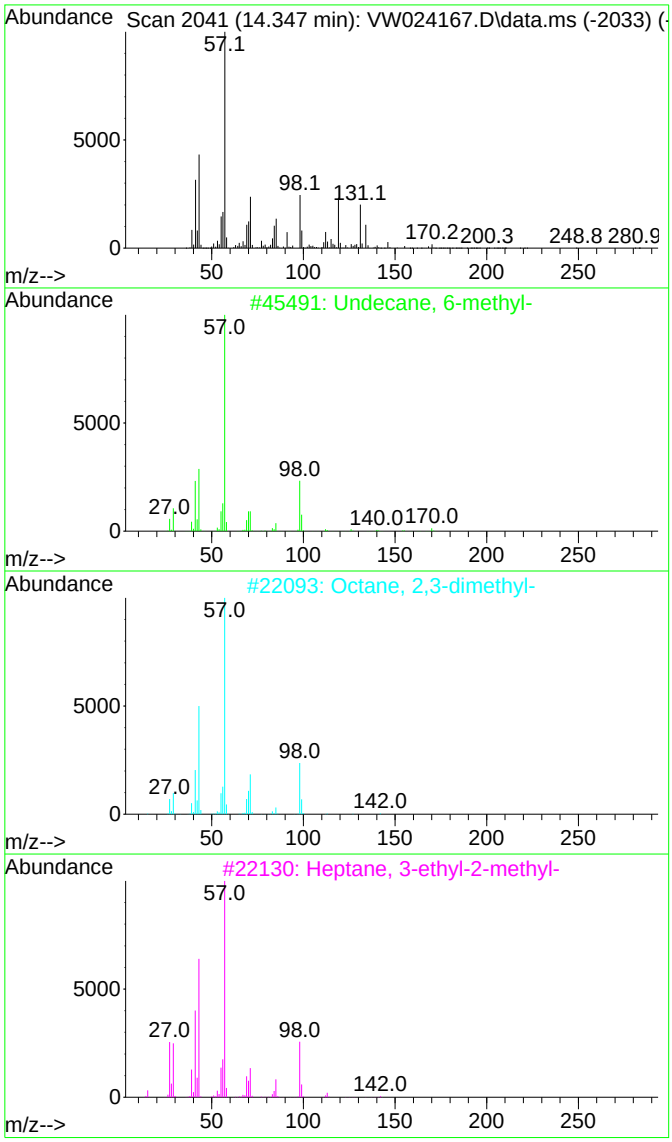
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

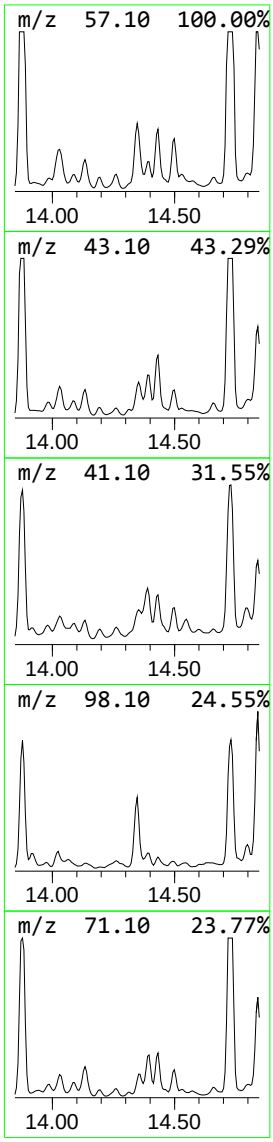
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	124.56 ug/L	35915400	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	38
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
4	Decyl octyl ether	270	C18H38O	1000406-38-3	22
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

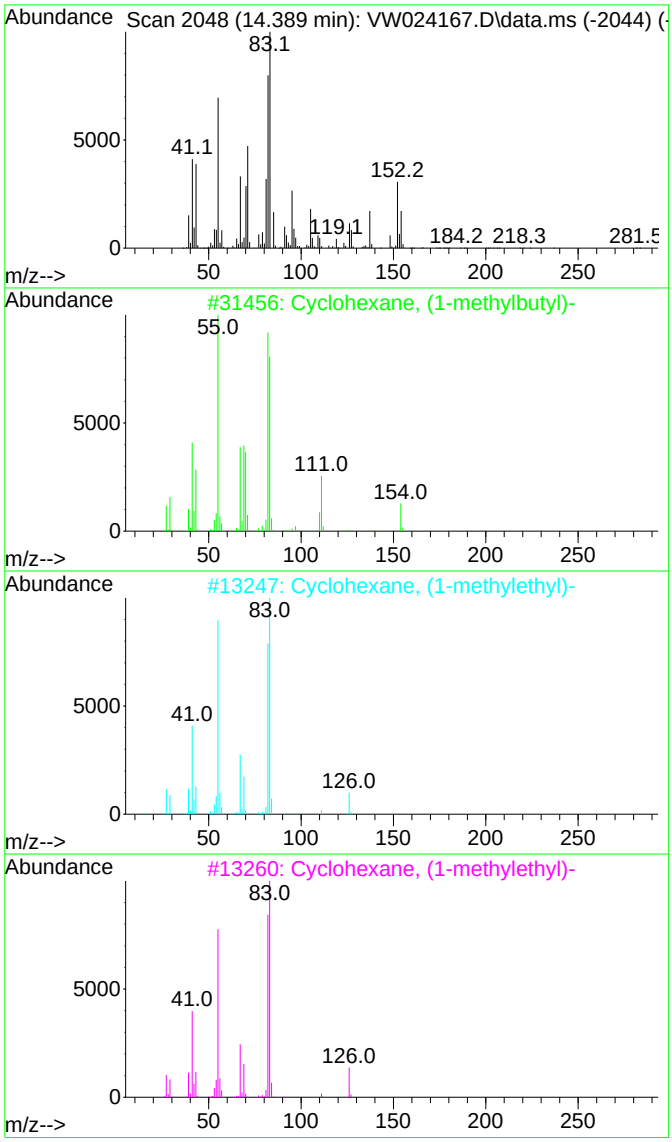
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

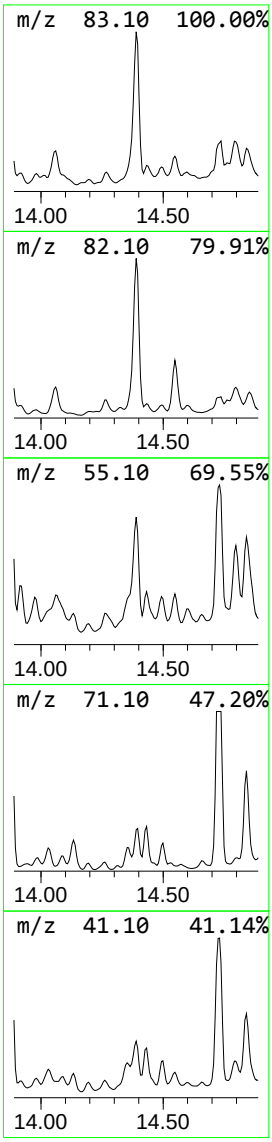
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic14.389 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	176.72 ug/L	50954200	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	47
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

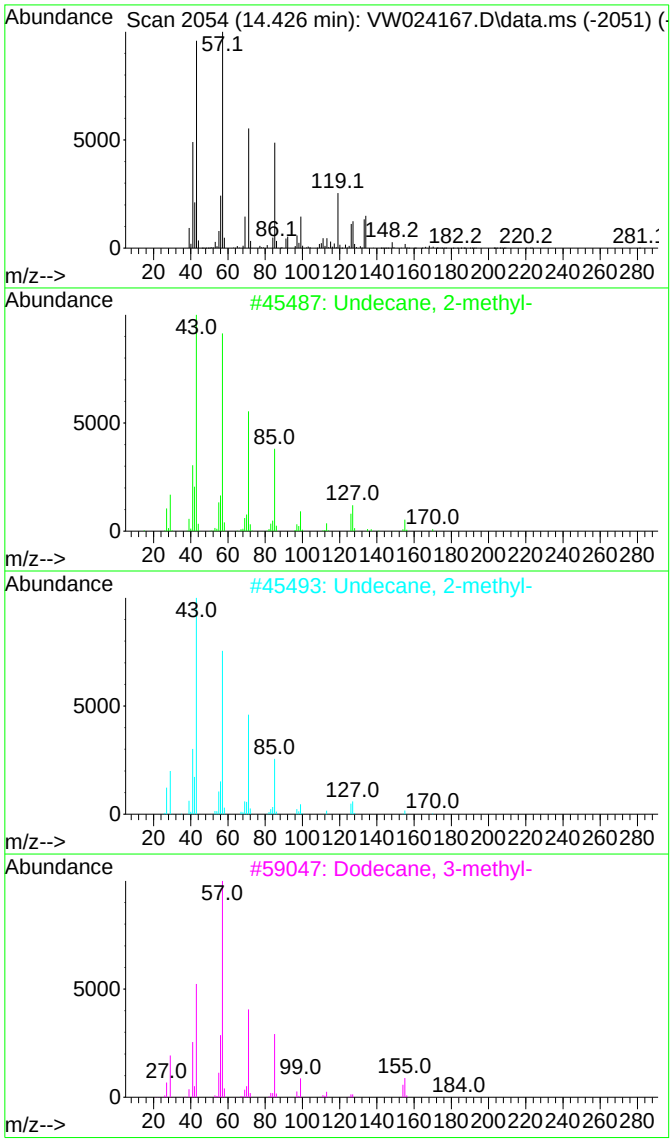
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

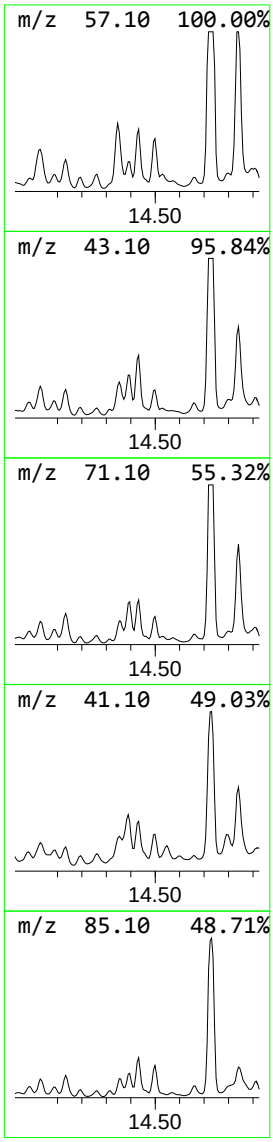
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	137.21 ug/L	39561600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	60
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	49
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

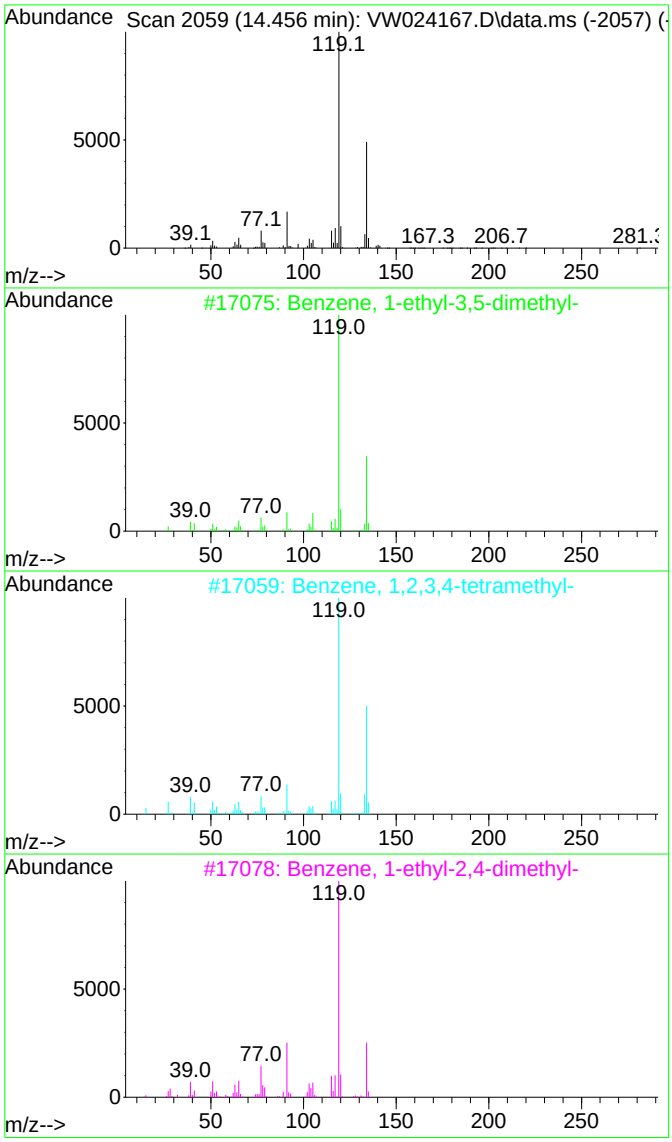
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

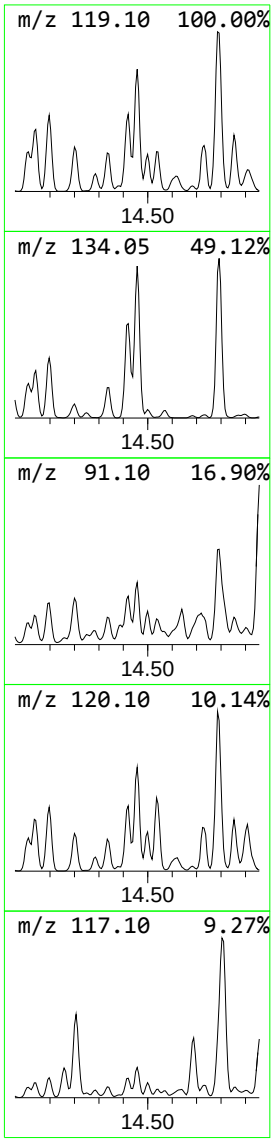
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	63.49 ug/L	18307100	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

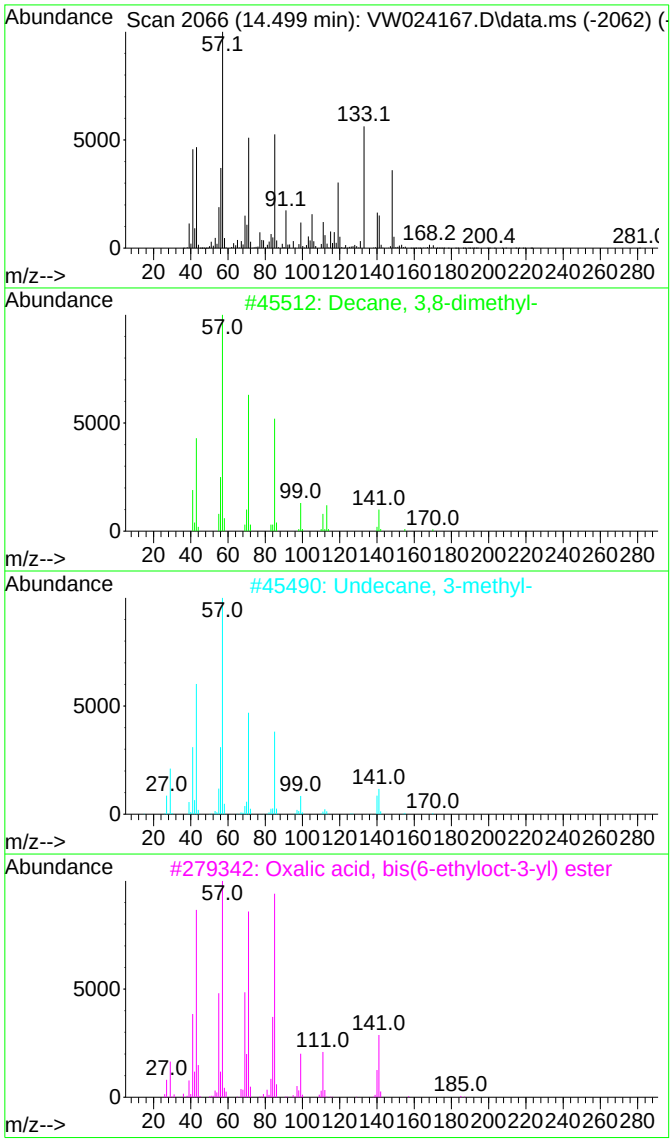
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

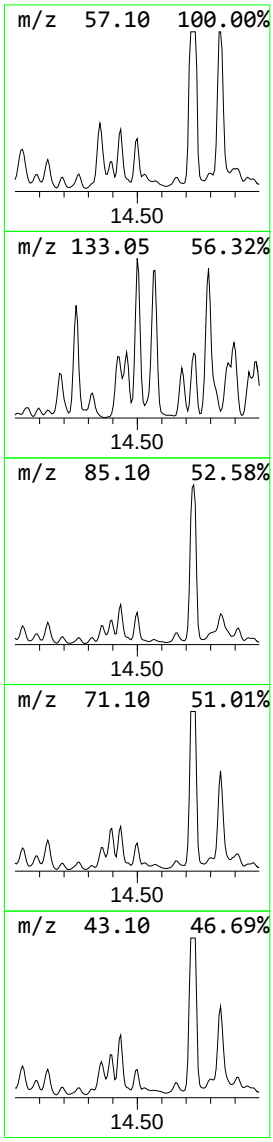
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	71.83 ug/L	20710600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	49
3	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	46
4	5-Ethyldecane	170	C12H26	017302-36-2	43
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

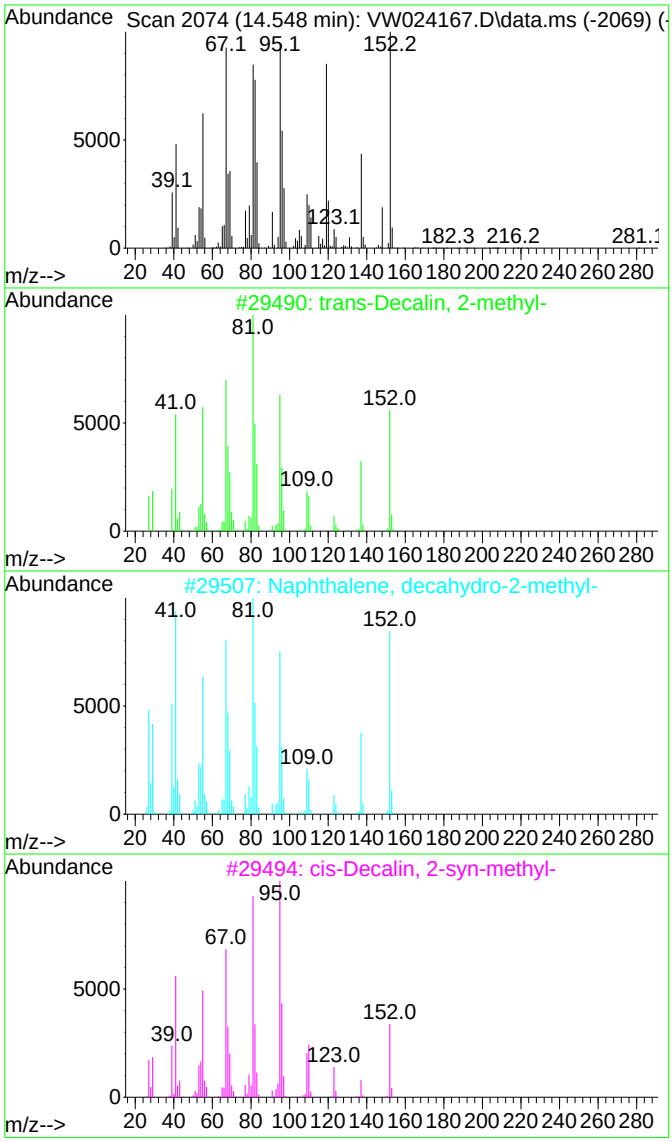
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

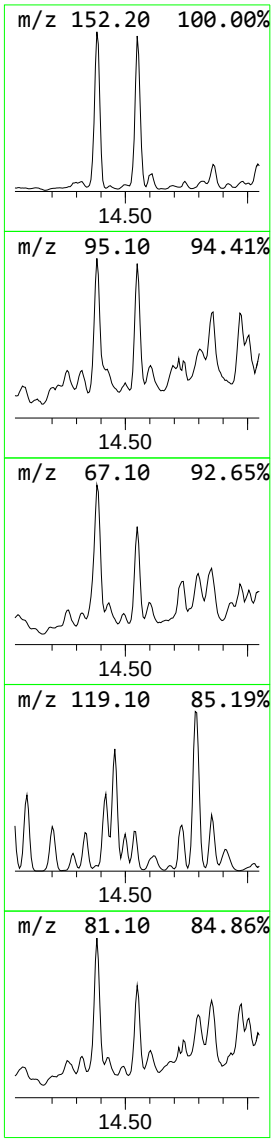
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	81.31 ug/L	23443800	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

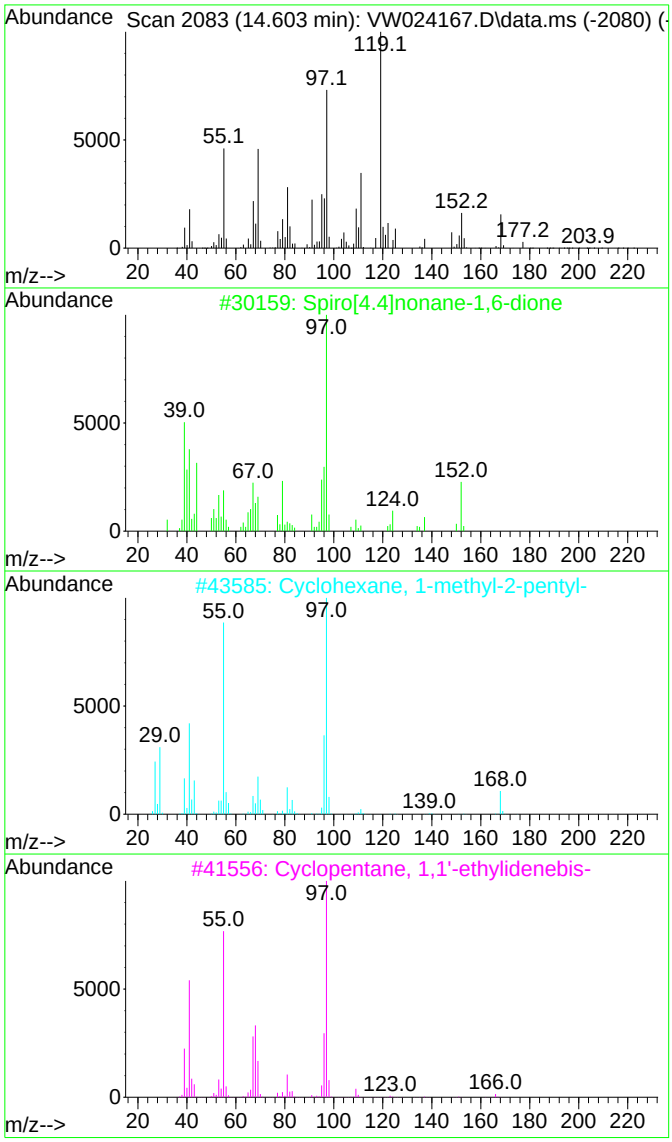
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

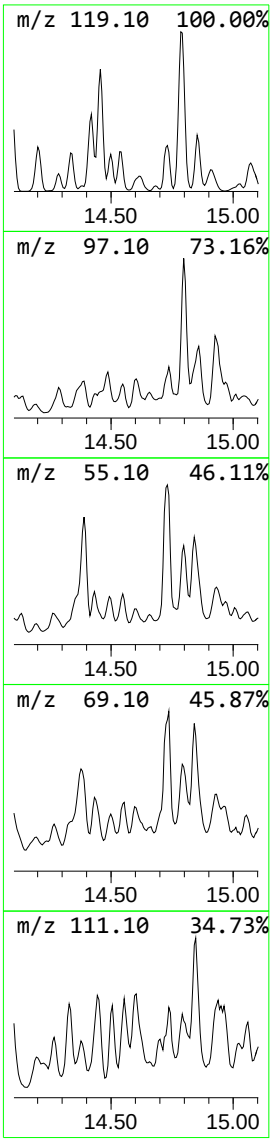
****

Peak Number 48 unknown-01 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	13.25 ug/L	3820330	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nonane-1,6-dione	152	C9H12O2	027723-43-9	38
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	27
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	25
4	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	22
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

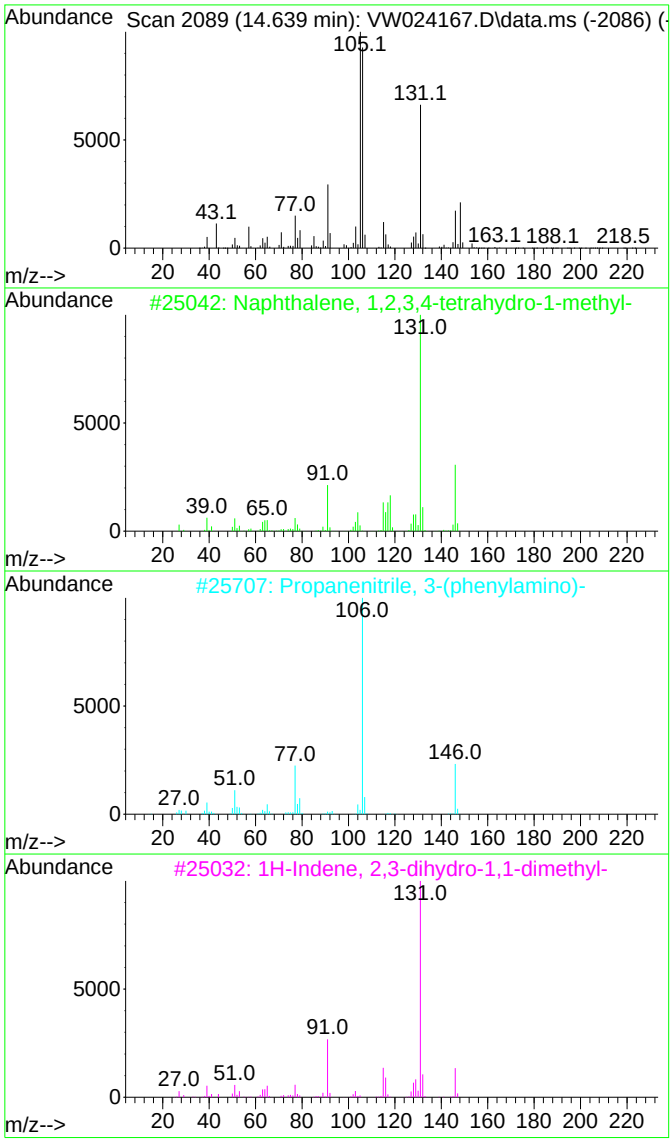
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

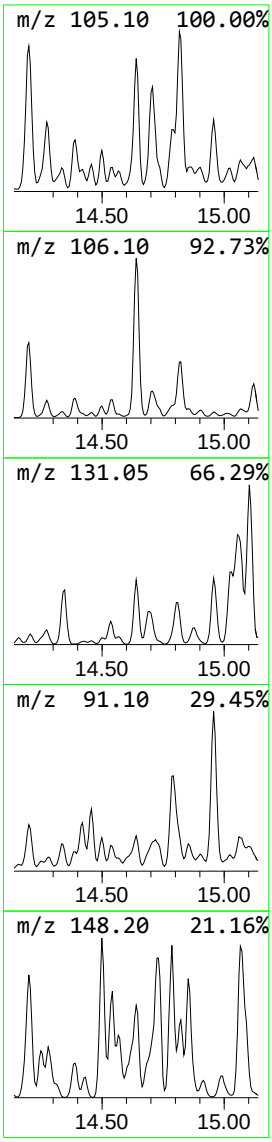
****

Peak Number 49 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	20.84 ug/L	6008270	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
2	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	38
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	35
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

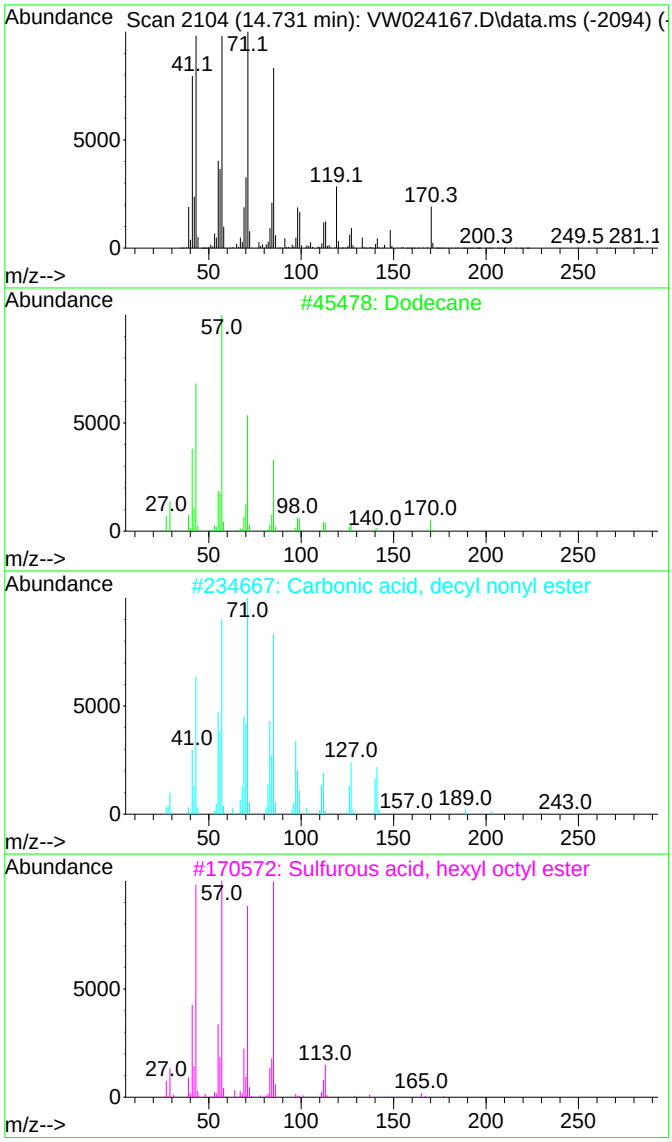
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

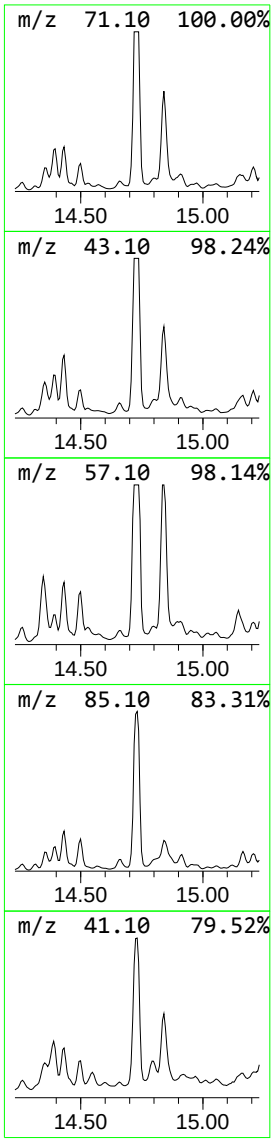
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	518.66 ug/L	149543000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	64
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
4	Dodecane	170	C12H26	000112-40-3	60
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

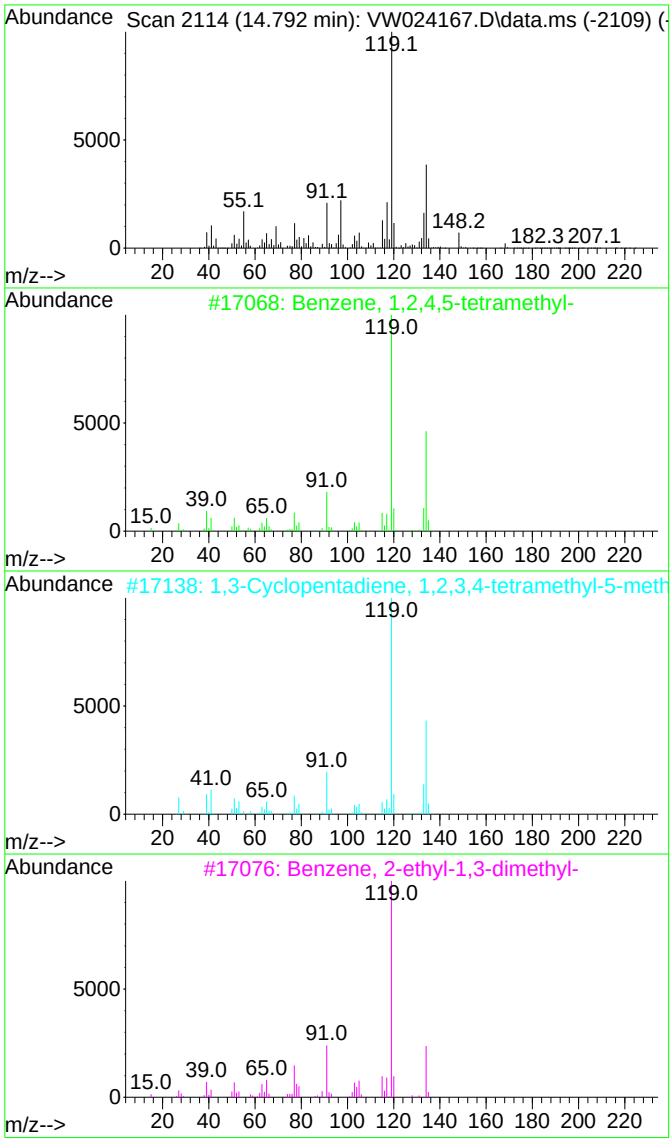
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

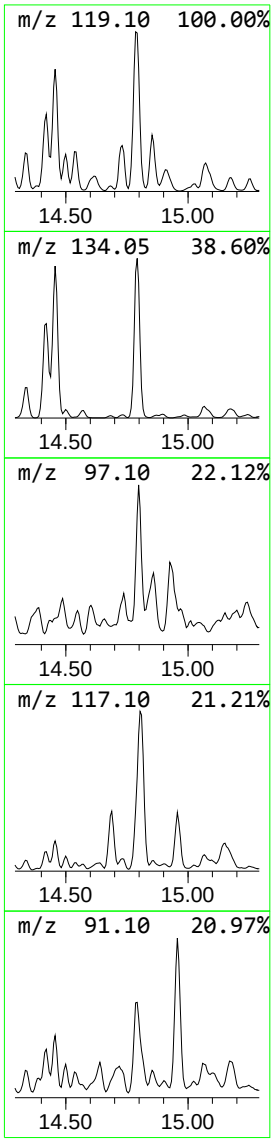
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	274.26 ug/L	79077000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

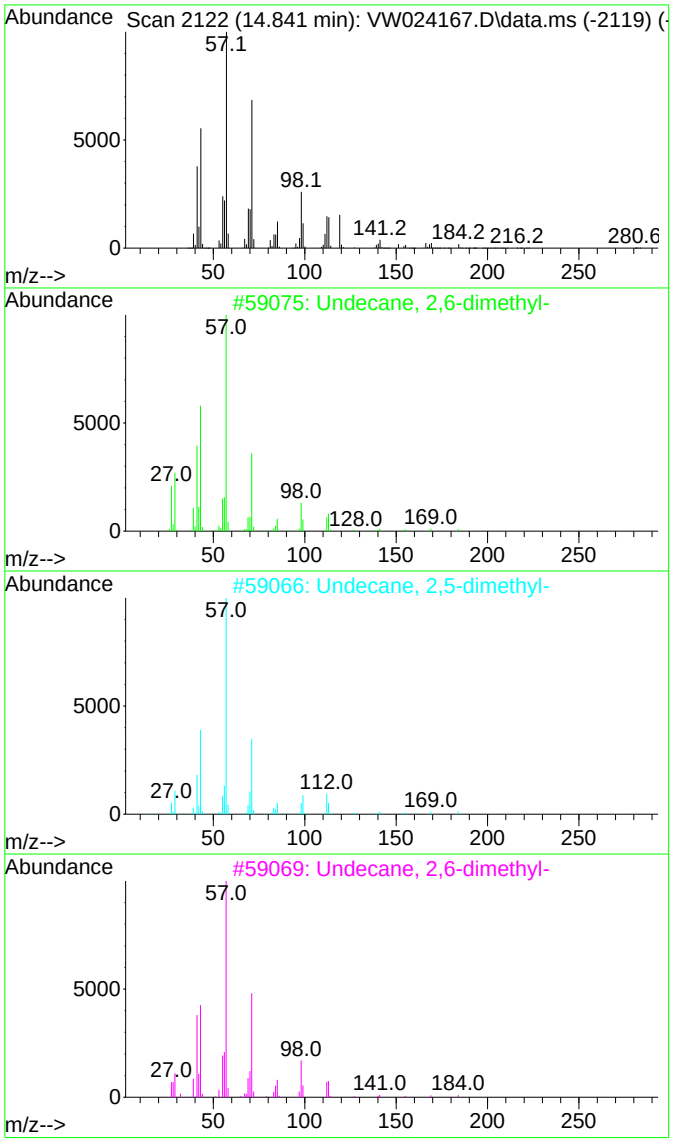
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

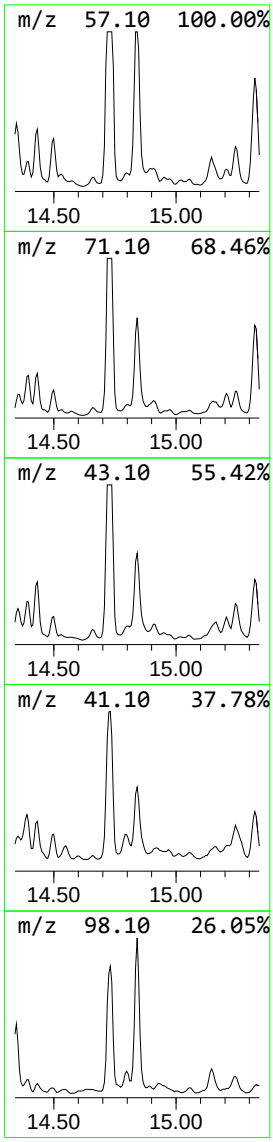
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	247.22 ug/L	71280700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	62
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

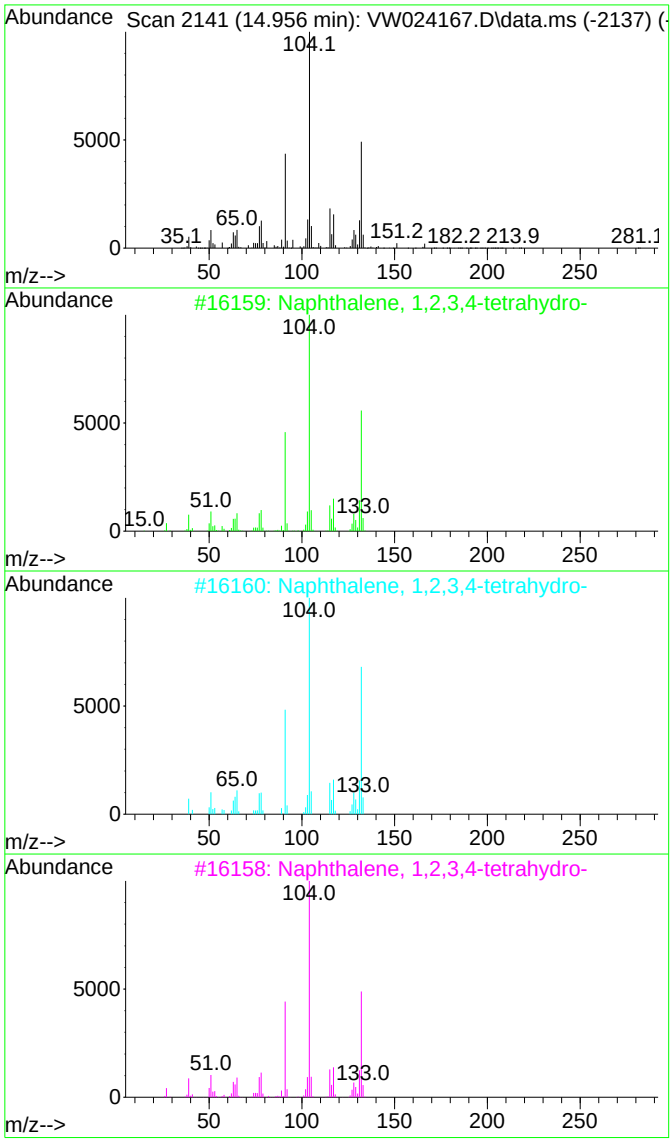
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

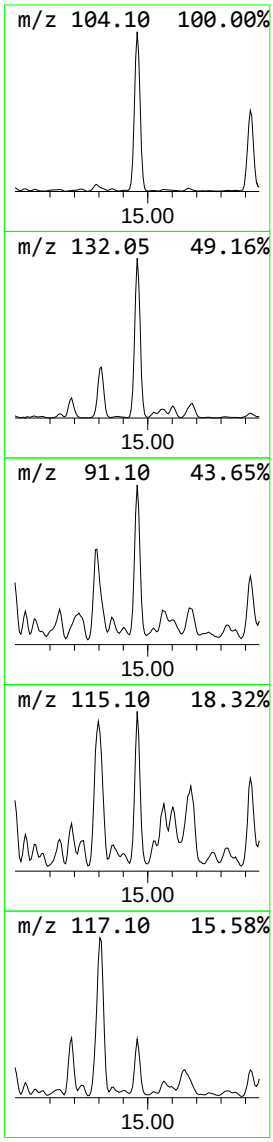
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	163.22 ug/L	47060600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

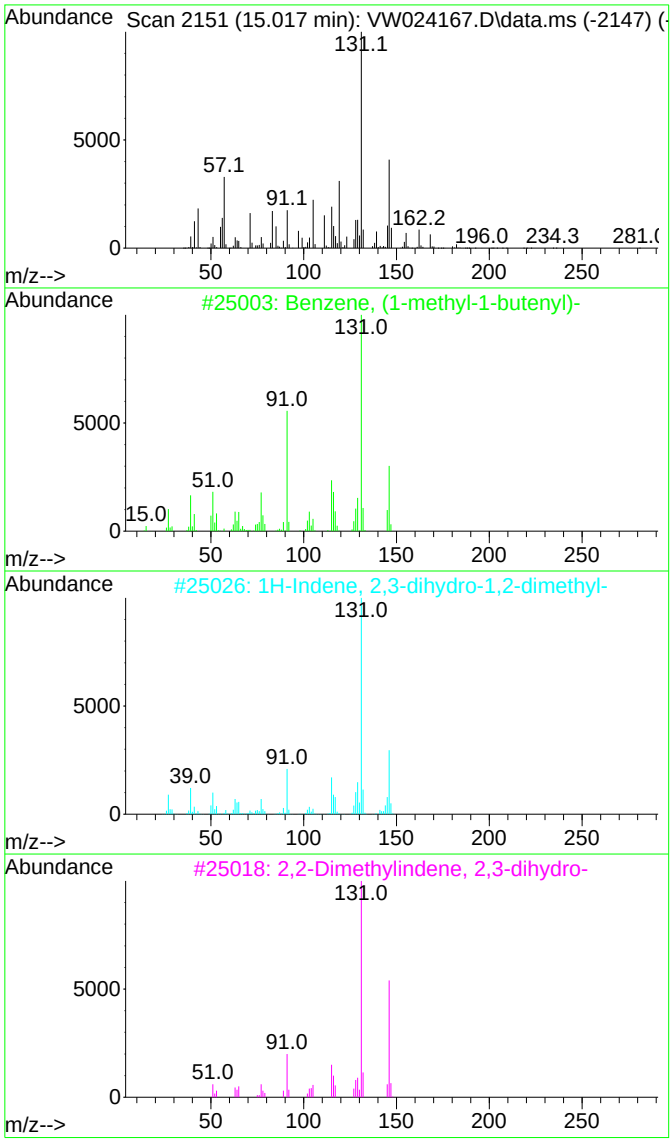
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

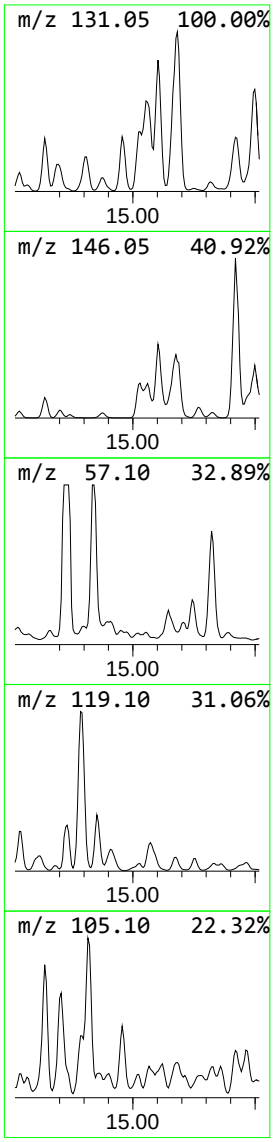
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, (1-methyl-1-butenyl)- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.017	19.47 ug/L	5612330	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	83
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

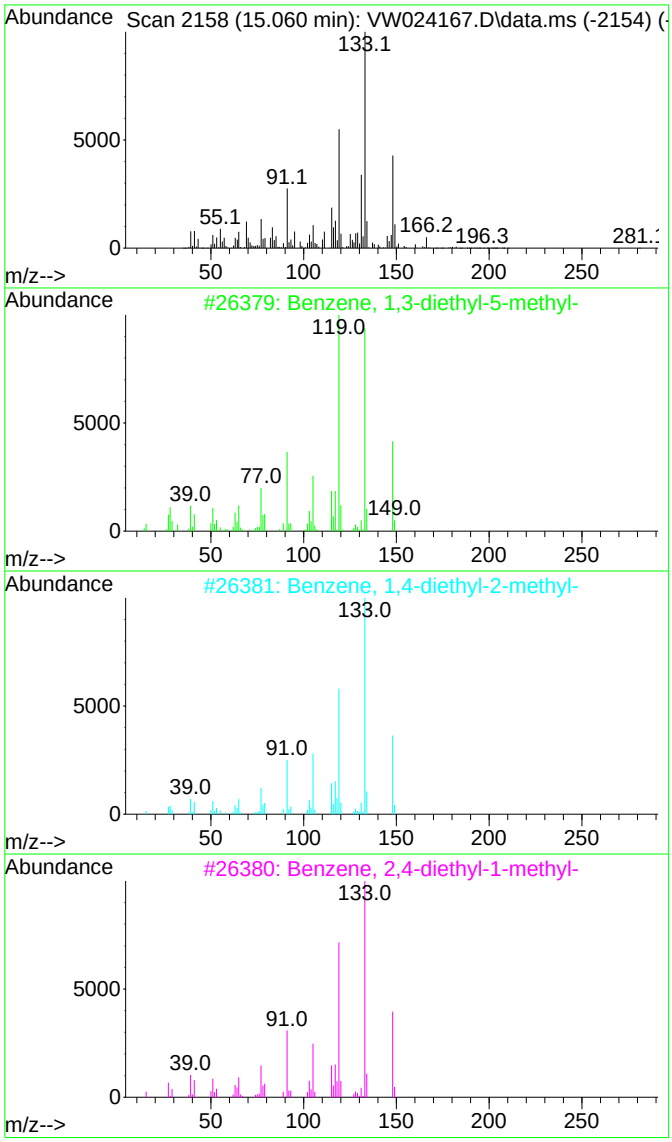
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

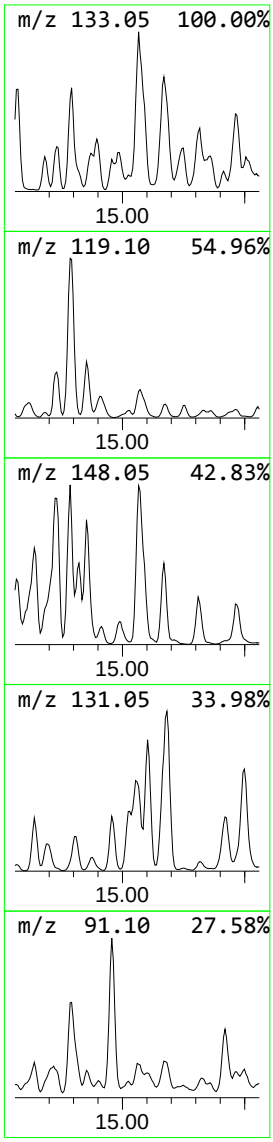
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	50.04 ug/L	14427700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	80
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

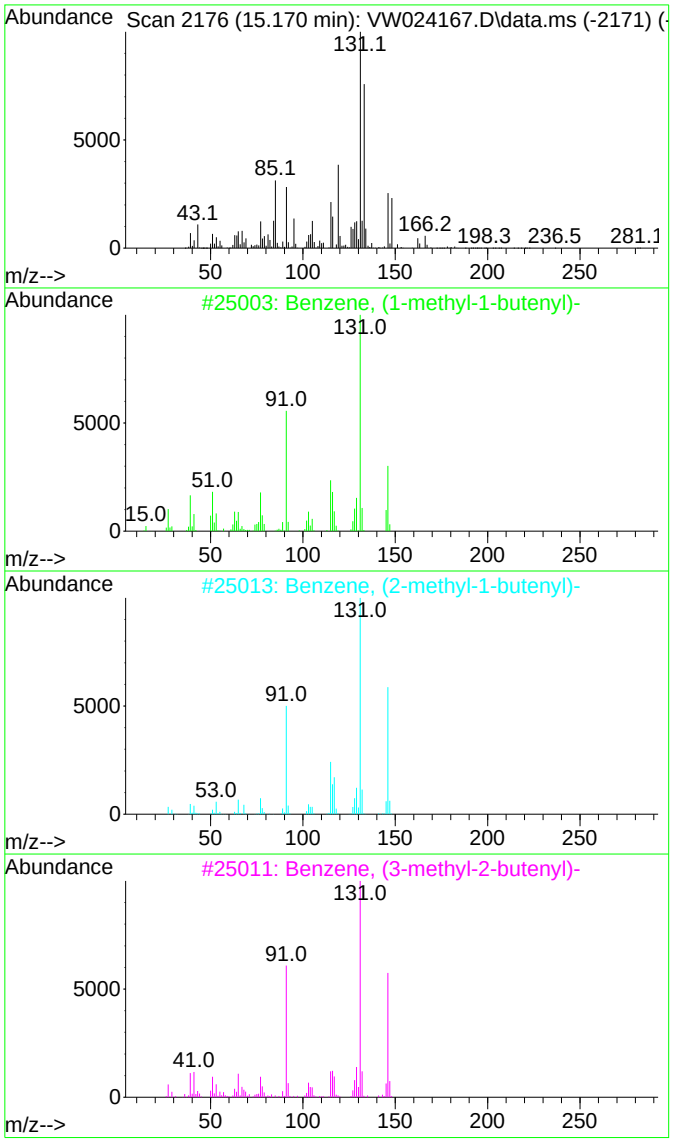
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

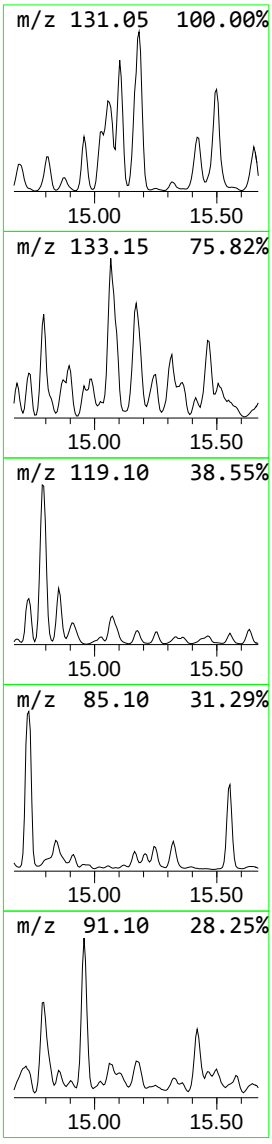
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	90.94 ug/L	26219200	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	80
4	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	76
5	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	51





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

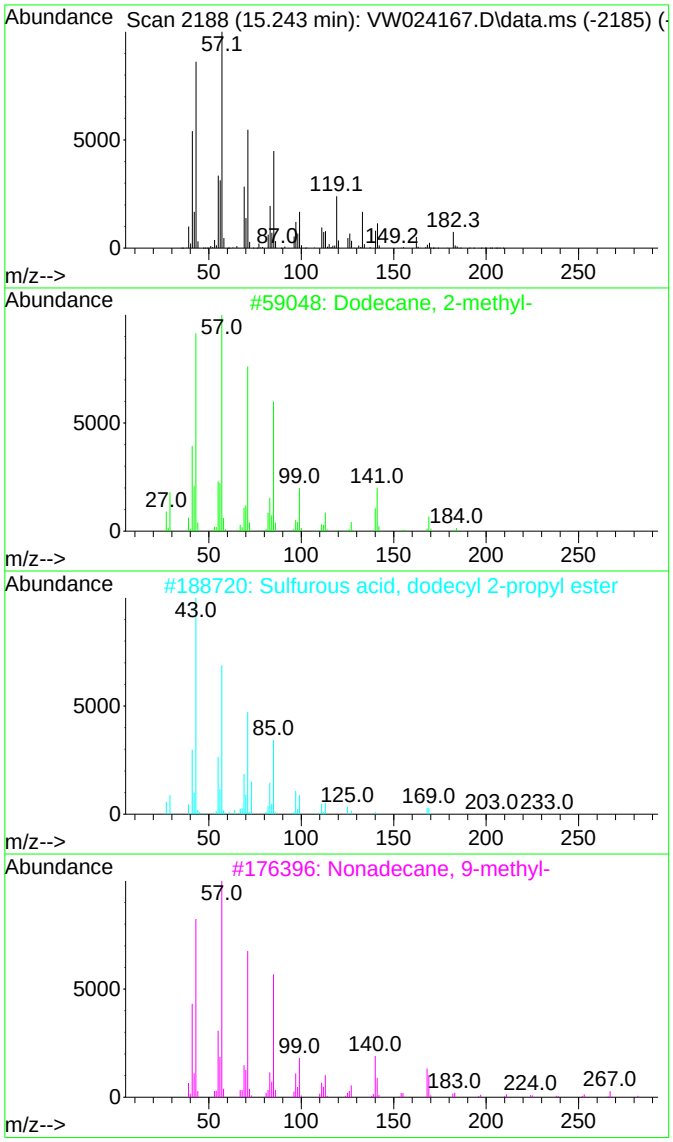
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

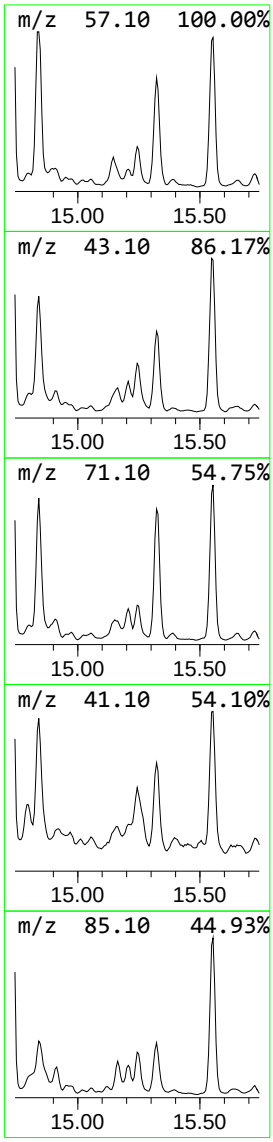
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	143.35 ug/L	41331500	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
4	10-Methylnonadecane	282	C20H42	056862-62-5	62
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

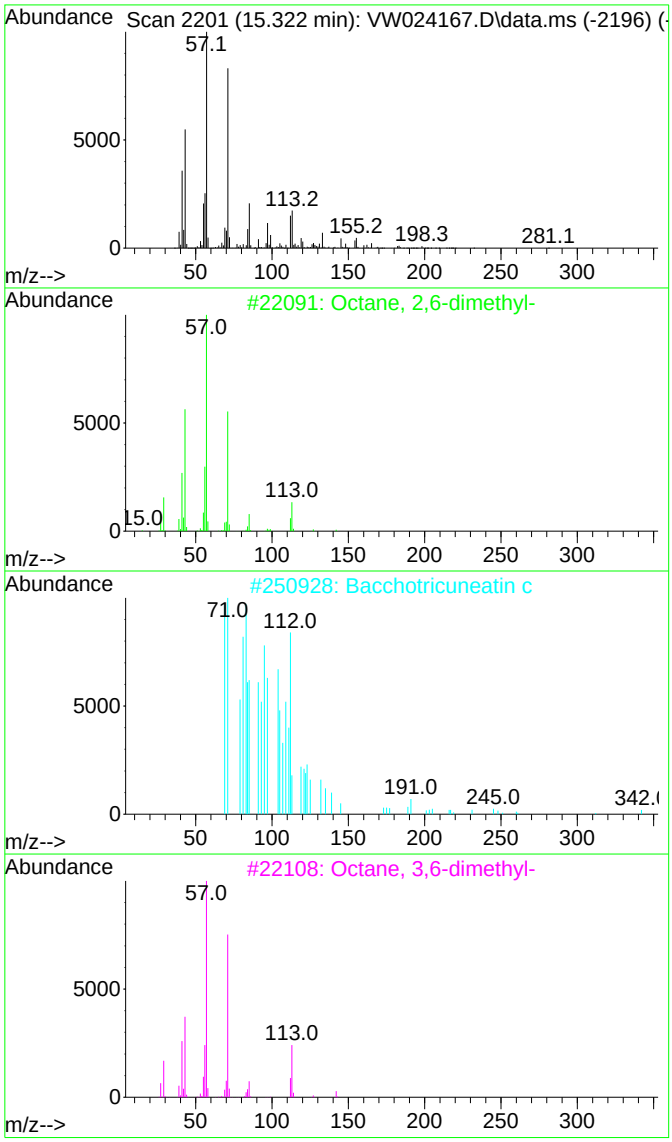
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

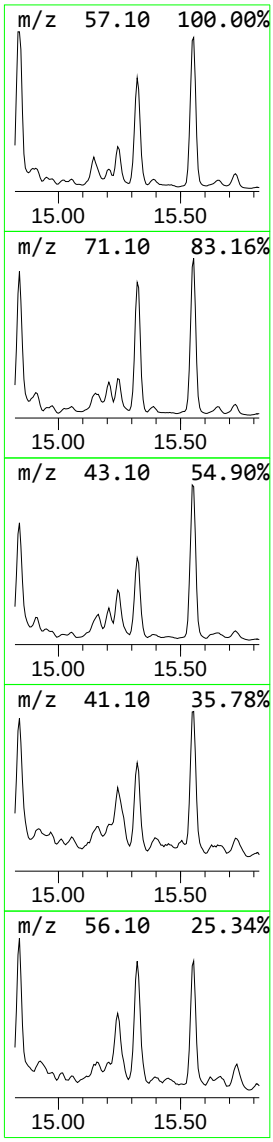
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	179.03 ug/L	51618100	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

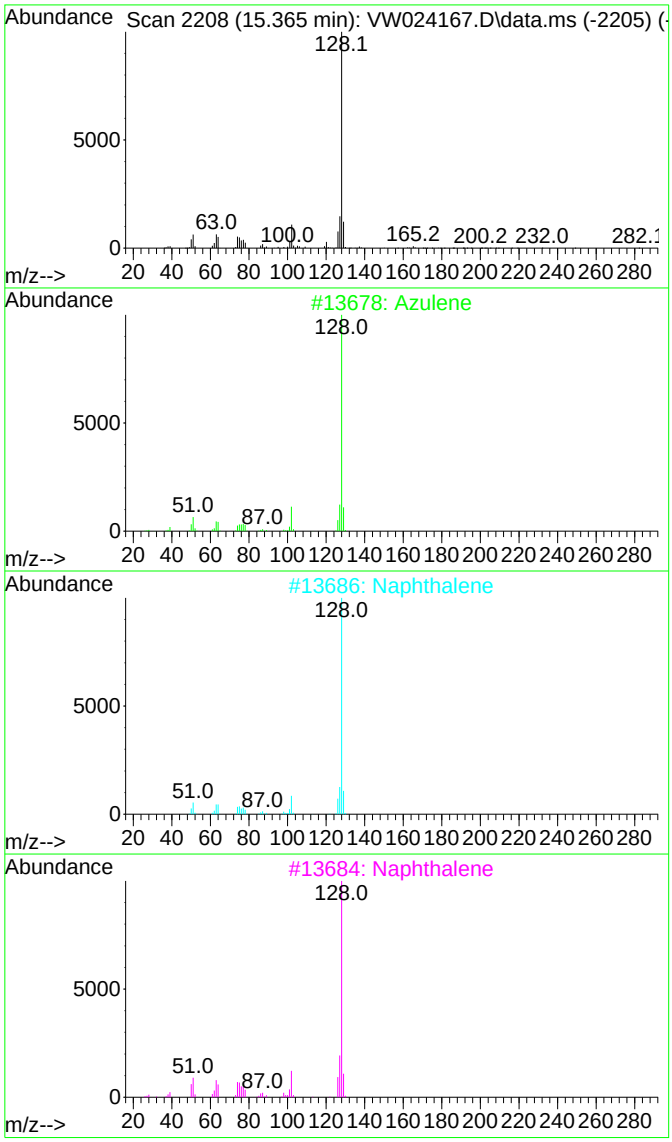
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

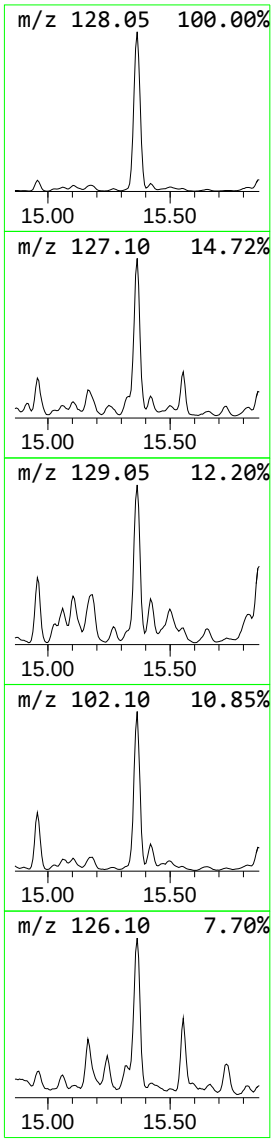
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Azulene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	61.57 ug/L	17751800	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

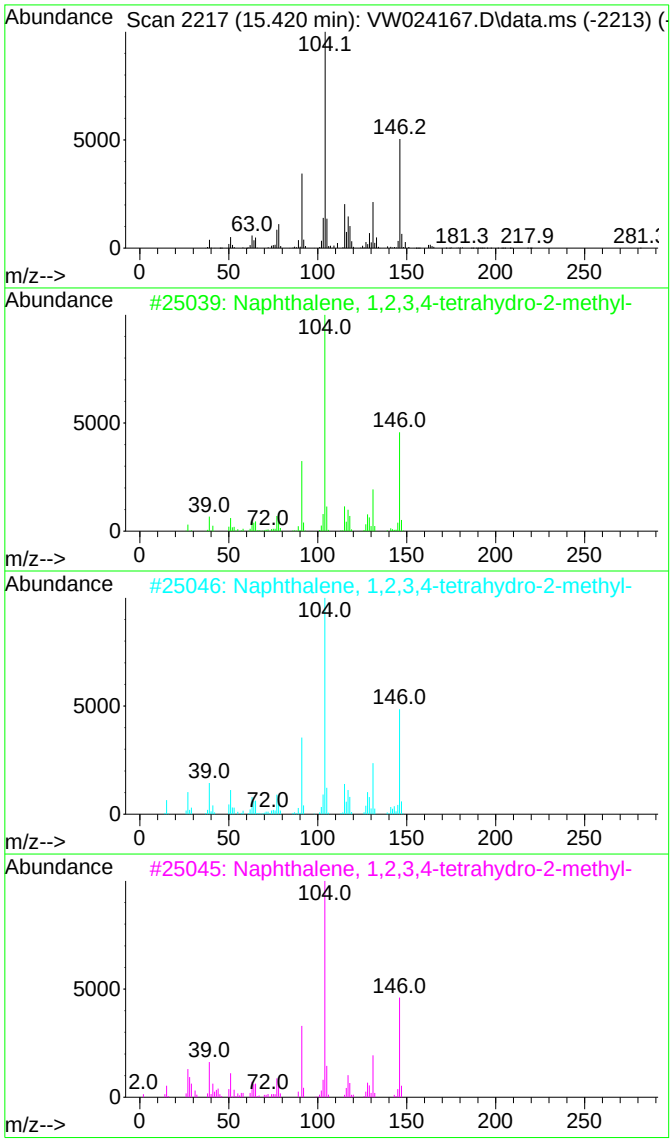
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

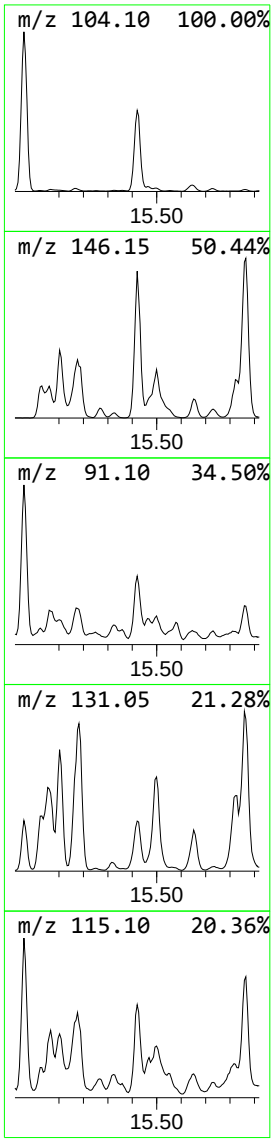
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.420	55.18 ug/L	15908900	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

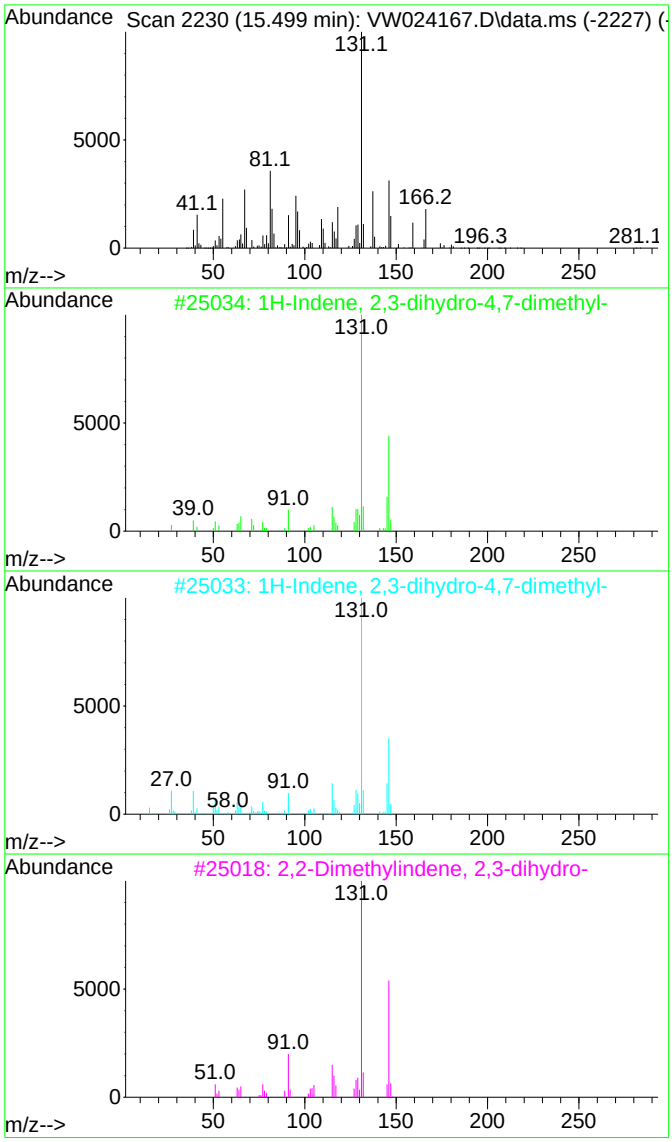
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

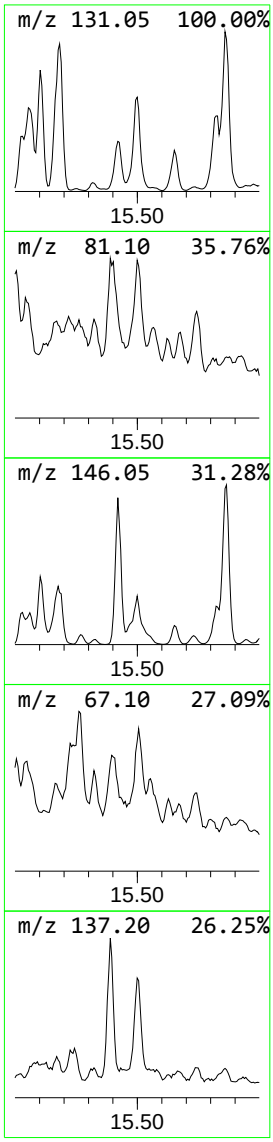
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	25.76 ug/L	7427200	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

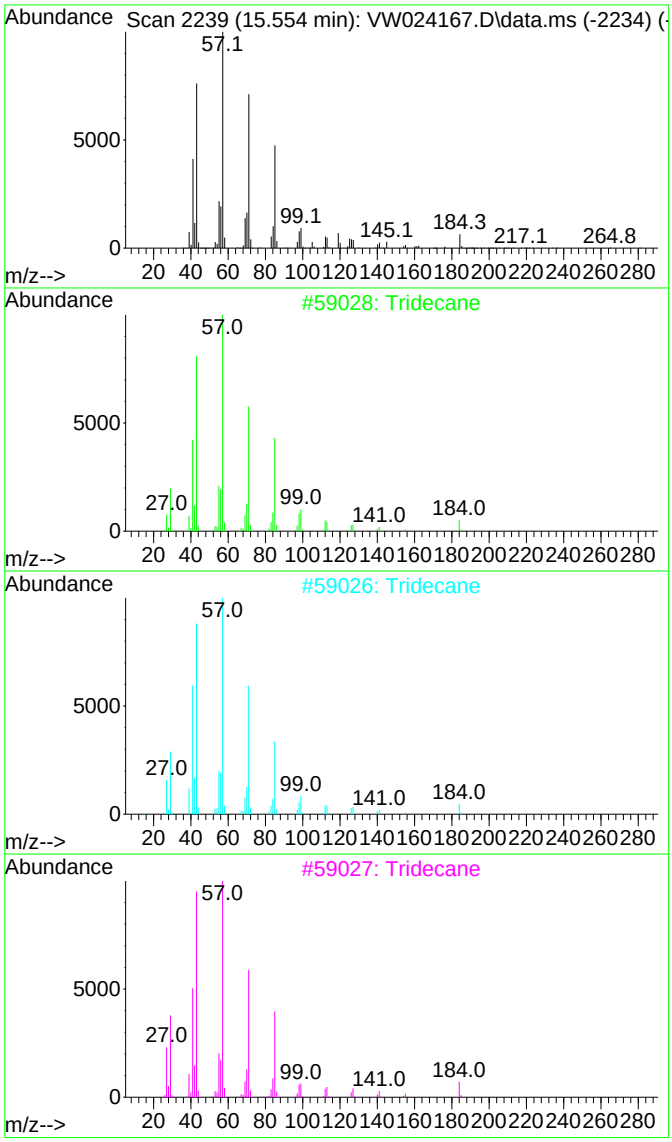
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

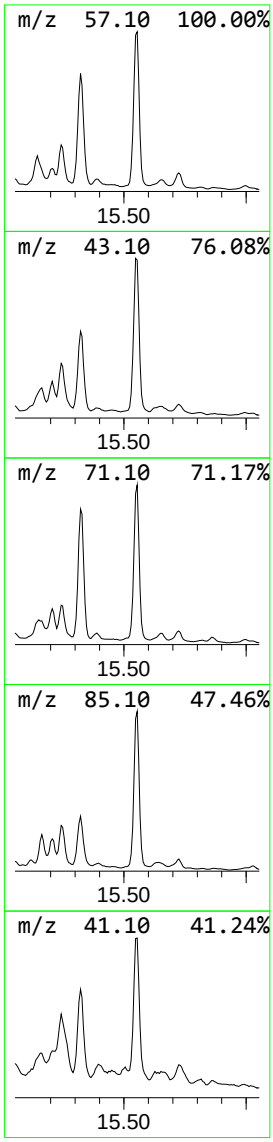
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	279.18 ug/L	80495600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	98
2	Tridecane	184	C13H28	000629-50-5	94
3	Tridecane	184	C13H28	000629-50-5	93
4	Nonadecane	268	C19H40	000629-92-5	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

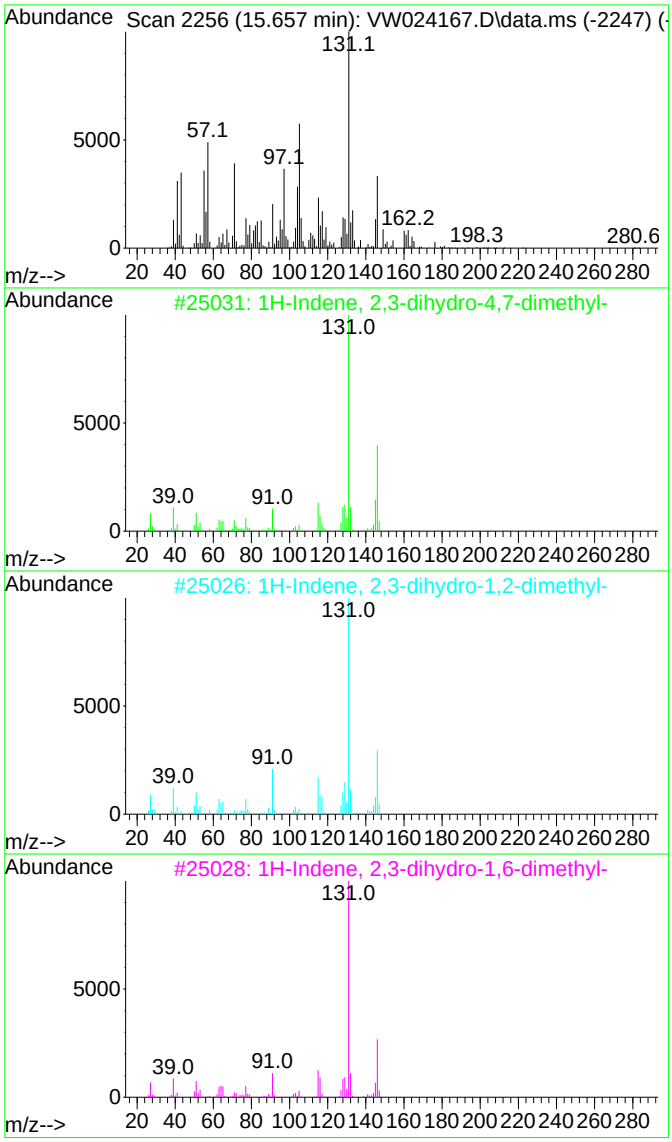
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

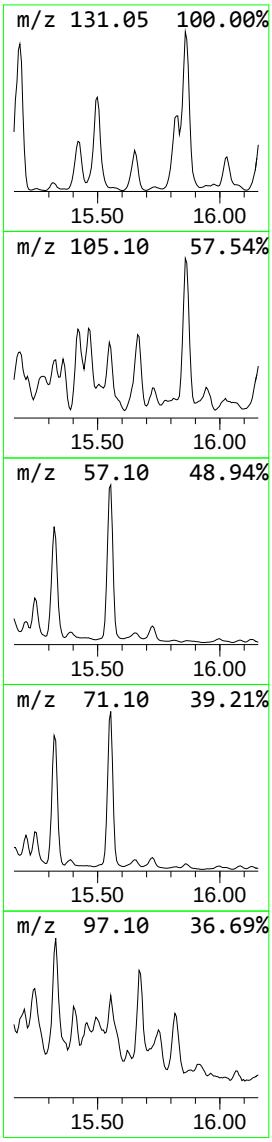
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	67.10 ug/L	19347300	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

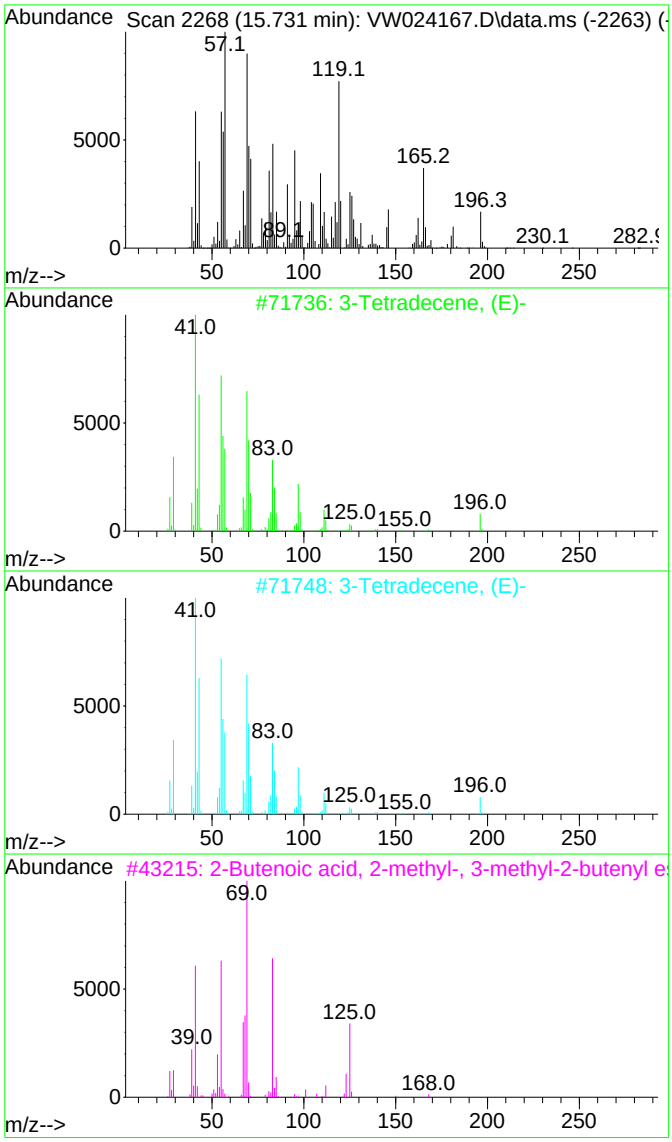
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

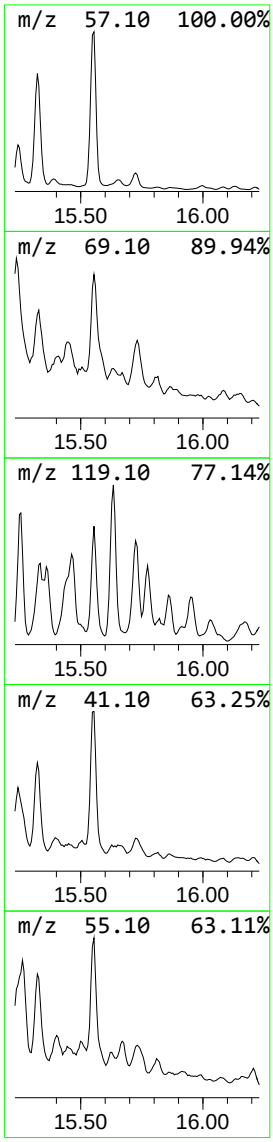
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	49.26 ug/L	14203900	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (E)-	196	C14H28	041446-68-8	25
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	25
3	2-Butenoic acid, 2-methyl-, 3-me...	168	C10H16O2	083783-86-2	18
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	15
5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	15





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Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

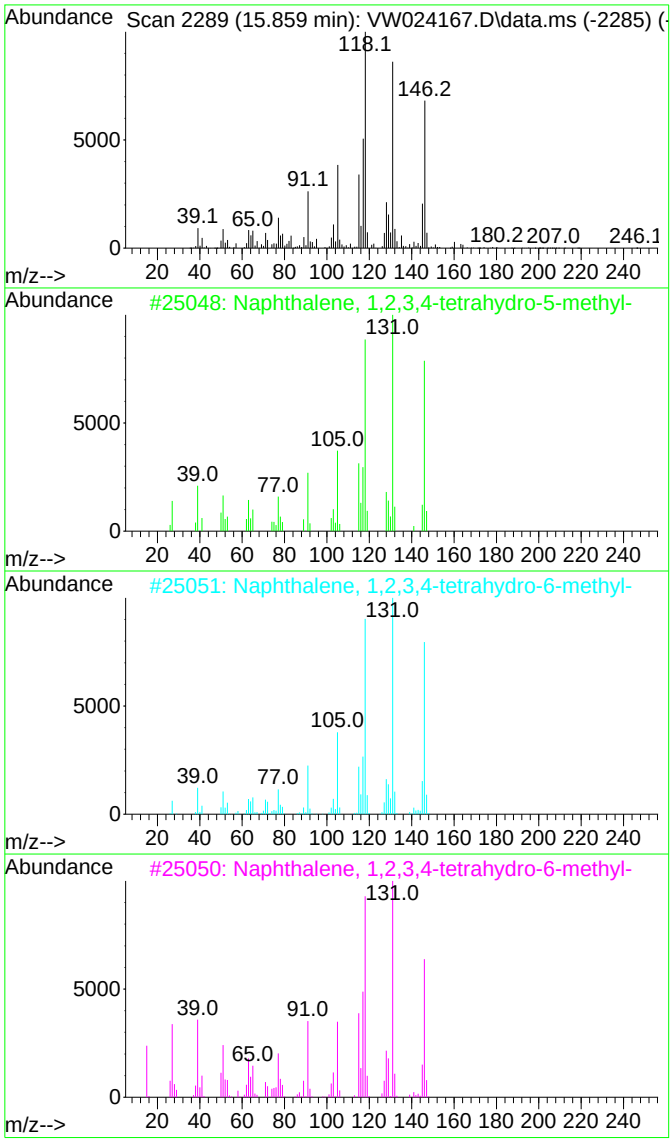
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

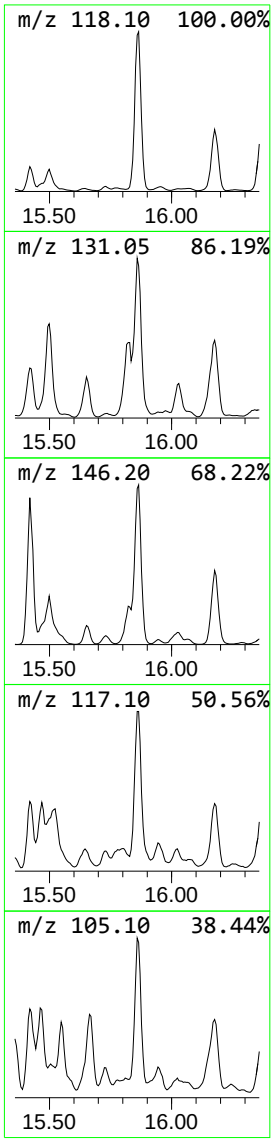
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	95.90 ug/L	27651000	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

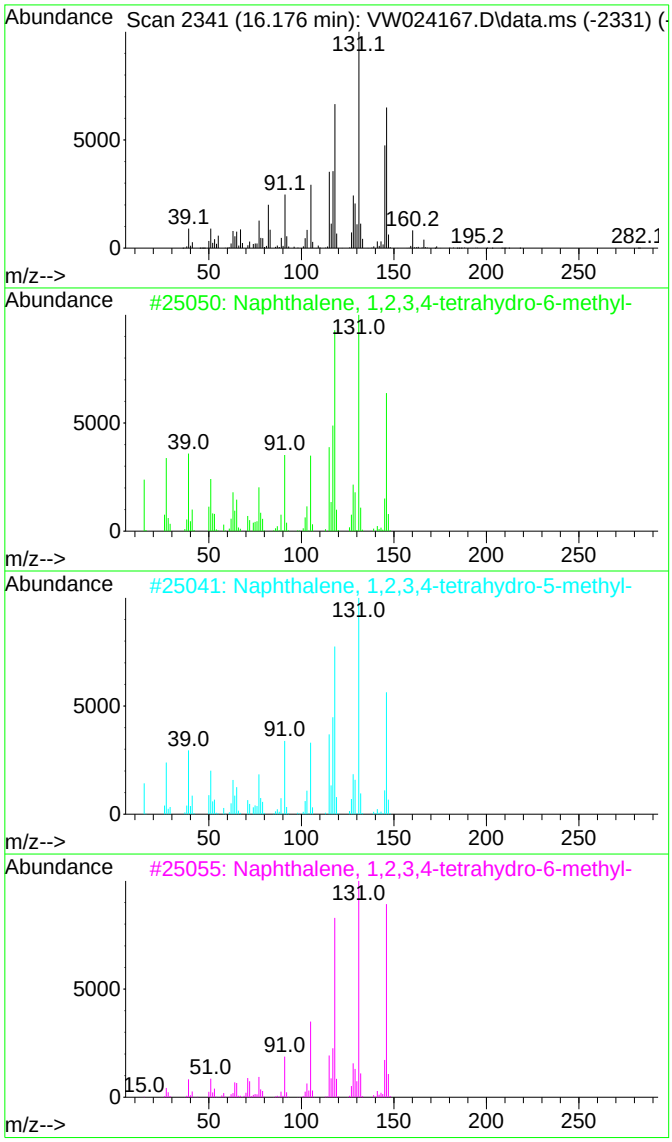
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

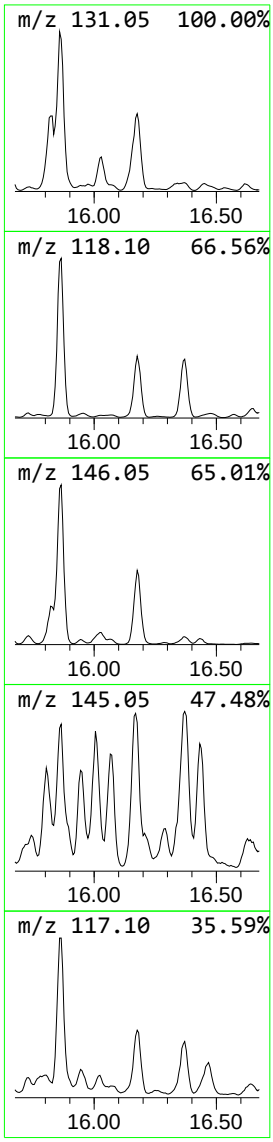
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.176	94.67 ug/L	27296600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81





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Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

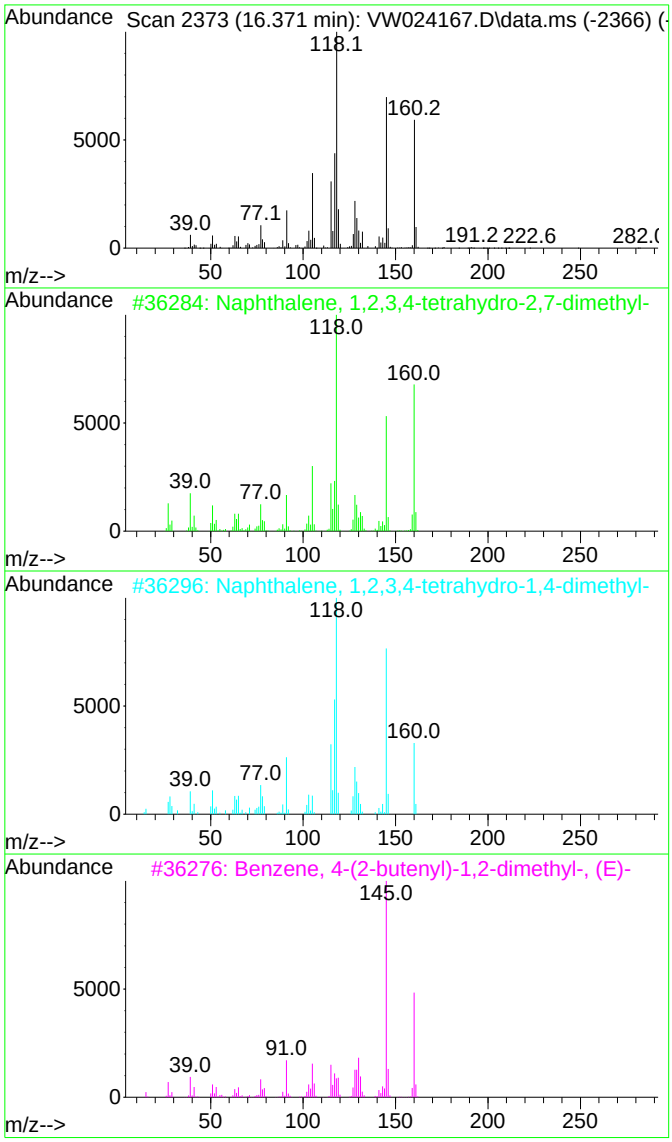
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

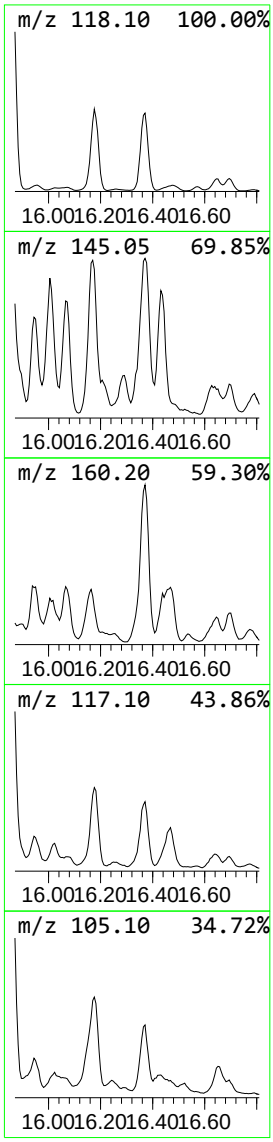
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	33.49 ug/L	9654770	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	78
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

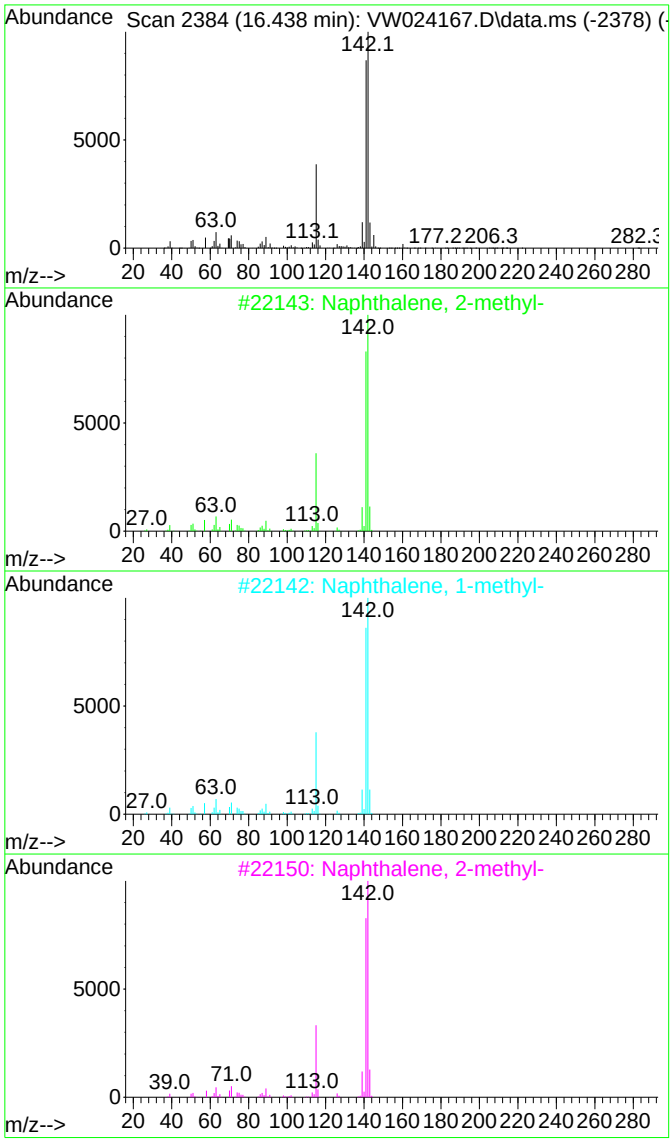
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

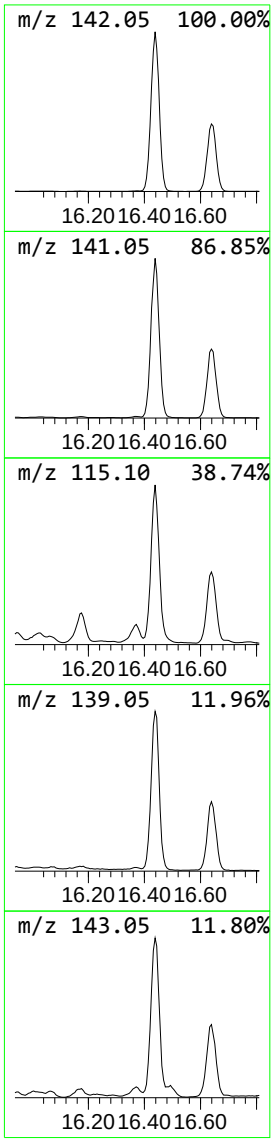
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	152.23 ug/L	43893200	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
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\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

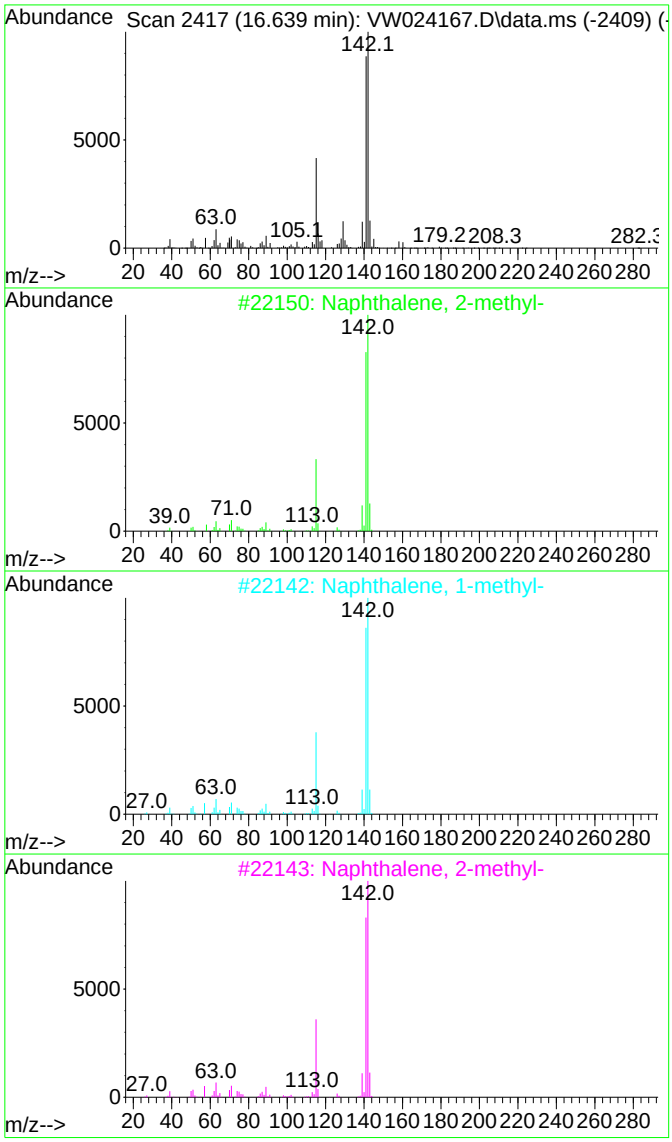
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

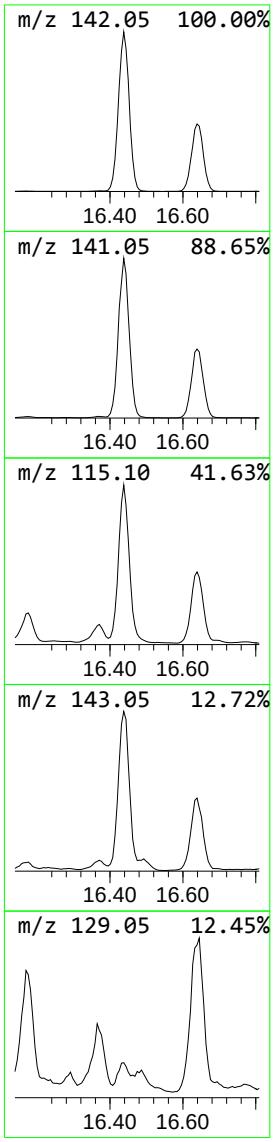
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	99.74 ug/L	28758600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024167.D
Acq On : 04 Aug 2022 17:53
Operator : SY/VA
Sample : N4008-07
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.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...	8.689	6.8	ug/L	264034	1	8.842	971988	25.0
(DEL) Alkane: S...	9.951	19.9	ug/L	771935	1	8.842	971988	25.0
(DEL) Alkane: S...	10.091	30.0	ug/L	1165220	1	8.842	971988	25.0
(DEL) Alkane: S...	10.500	46.1	ug/L	1952370	2	11.628	1059260	25.0
(DEL) Alkane: C...	10.664	16.1	ug/L	679833	2	11.628	1059260	25.0
(DEL) Alkane: C...	10.762	11.8	ug/L	498010	2	11.628	1059260	25.0
(DEL) Alkane: S...	11.036	19.8	ug/L	838667	2	11.628	1059260	25.0
(DEL) Alkane: C...	11.103	7.0	ug/L	294825	2	11.628	1059260	25.0
(DEL) Alkane: C...	11.177	33.4	ug/L	1414700	2	11.628	1059260	25.0
(DEL) Alkane: C...	11.225	40.1	ug/L	1698330	2	11.628	1059260	25.0
(DEL) Alkane: C...	11.280	8.7	ug/L	366694	2	11.628	1059260	25.0
(DEL) Alkane: S...	11.335	28.4	ug/L	1201630	2	11.628	1059260	25.0
(DEL) Alkane: S...	11.408	101.1	ug/L	4282690	2	11.628	1059260	25.0
(DEL) Alkane: S...	11.512	52.6	ug/L	2230240	2	11.628	1059260	25.0
(DEL) Alkane: C...	11.914	25.9	ug/L	1096850	2	11.628	1059260	25.0
(DEL) Alkane: S...	11.975	5.4	ug/L	227638	2	11.628	1059260	25.0
(DEL) Alkane: S...	12.054	22.9	ug/L	972448	2	11.628	1059260	25.0
(DEL) Alkane: S...	12.249	73.3	ug/L	3104640	2	11.628	1059260	25.0
(DEL) Alkane: S...	12.536	53.1	ug/L	2249120	2	11.628	1059260	25.0
(DEL) Alkane: S...	12.567	57.1	ug/L	2418740	2	11.628	1059260	25.0
(DEL) Alkane: S...	12.615	2.2	ug/L	634876	3	13.554	7208200	25.0
Benzene, propyl-	12.798	15.7	ug/L	4526080	3	13.554	7208200	25.0
Benzene, 1-ethy...	12.865	51.4	ug/L	14820600	3	13.554	7208200	25.0
Benzene, 1-ethy...	13.103	43.1	ug/L	12436300	3	13.554	7208200	25.0
(DEL) Alkane: S...	13.164	37.1	ug/L	10690500	3	13.554	7208200	25.0
(DEL) Alkane: S...	13.341	9.9	ug/L	2868910	3	13.554	7208200	25.0
Benzeneacetalde...	13.377	9.8	ug/L	2814520	3	13.554	7208200	25.0
p-Cymene	13.444	57.6	ug/L	16608600	3	13.554	7208200	25.0
o-Cymene	13.487	25.3	ug/L	7288300	3	13.554	7208200	25.0
(DEL) Alkane: S...	13.621	31.3	ug/L	9013400	3	13.554	7208200	25.0
(DEL) Alkane: C...	13.701	20.5	ug/L	5923630	3	13.554	7208200	25.0
Benzene, 1-meth...	13.749	29.1	ug/L	8393730	3	13.554	7208200	25.0
Benzene, 2-ethy...	13.792	45.0	ug/L	12982900	3	13.554	7208200	25.0
Cyclohexane, 1-...	13.920	7.5	ug/L	2172990	3	13.554	7208200	25.0
(DEL) Alkane: C...	13.981	28.9	ug/L	8342990	3	13.554	7208200	25.0
Benzene, 1-meth...	14.036	130.8	ug/L	37701400	3	13.554	7208200	25.0
Benzene, 4-ethy...	14.091	78.0	ug/L	22478000	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.133	43.4	ug/L	12519000	3	13.554	7208200	25.0
Benzene, 1-ethy...	14.200	82.5	ug/L	23777400	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.261	56.0	ug/L	16155700	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.347	124.6	ug/L	35915400	3	13.554	7208200	25.0
(DEL) Alkane: C...	14.389	176.7	ug/L	50954200	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.426	137.2	ug/L	39561600	3	13.554	7208200	25.0
Benzene, 1-ethy...	14.456	63.5	ug/L	18307100	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.499	71.8	ug/L	20710600	3	13.554	7208200	25.0
trans-Decalin, ...	14.548	81.3	ug/L	23443800	3	13.554	7208200	25.0
unknown-01	14.603	13.3	ug/L	3820330	3	13.554	7208200	25.0
unknown-02	14.639	20.8	ug/L	6008270	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.731	518.7	ug/L	149543000	3	13.554	7208200	25.0
Benzene, 1,2,4,...	14.792	274.3	ug/L	79077000	3	13.554	7208200	25.0
(DEL) Alkane: S...	14.841	247.2	ug/L	71280700	3	13.554	7208200	25.0
Naphthalene, 1,...	14.956	163.2	ug/L	47060600	3	13.554	7208200	25.0

Benzene, (1-met...	15.017	19.5	ug/L	5612330	3	13.554	7208200	25.0
Benzene, 1,3-di...	15.060	50.0	ug/L	14427700	3	13.554	7208200	25.0
Benzene, (2-met...	15.170	90.9	ug/L	26219200	3	13.554	7208200	25.0
(DEL) Alkane: S...	15.243	143.3	ug/L	41331500	3	13.554	7208200	25.0
(DEL) Alkane: S...	15.322	179.0	ug/L	51618100	3	13.554	7208200	25.0
Azulene	15.365	61.6	ug/L	17751800	3	13.554	7208200	25.0
Naphthalene, 1,...	15.420	55.2	ug/L	15908900	3	13.554	7208200	25.0
1H-Indene, 2,3-...	15.499	25.8	ug/L	7427200	3	13.554	7208200	25.0
(DEL) Alkane: S...	15.554	279.2	ug/L	80495600	3	13.554	7208200	25.0
1H-Indene, 2,3-...	15.657	67.1	ug/L	19347300	3	13.554	7208200	25.0
(DEL) Alkane: S...	15.731	49.3	ug/L	14203900	3	13.554	7208200	25.0
Naphthalene, 1,...	15.859	95.9	ug/L	27651000	3	13.554	7208200	25.0
Naphthalene, 1,...	16.176	94.7	ug/L	27296600	3	13.554	7208200	25.0
Naphthalene, 1,...	16.371	33.5	ug/L	9654770	3	13.554	7208200	25.0
Naphthalene, 2-...	16.438	152.2	ug/L	43893200	3	13.554	7208200	25.0
Naphthalene, 1-...	16.639	99.7	ug/L	28758600	3	13.554	7208200	25.0

Instrument :
MSVOA_W
ClientSampleId :
C0ZF1