LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: VW021849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	38	40	42	rBV2	590	589	0.02%	0.004%
2	2.209	42	50	54	rBV7	4163	12046	0.46%	0.075%
3	2.355	68	74	81	rVB	64491	111439	4.27%	0.696%
4	2.885	155	161	171	rVB	45186	94229	3.61%	0.588%
5	3.385	237	243	251	rBV3	1966	4104	0.16%	0.026%
6	3.873	321	323	328	rVB3	400	602	0.02%	0.004%
7	4.019	334	347	362	rBV	88950	244777	9.38%	1.528%
8	4.159	368	370	375	rVB	850	1093	0.04%	0.007%
9	4.257	385	386	391	rVB2	411	604	0.02%	0.004%
10	4.385	399	407	414	rVV	3039	8079	0.31%	0.050%
11	4.915	484	494	506	rVV3	4764	16424	0.63%	0.103%
12	5.104	521	525	526	rBV2	551	647	0.02%	0.004%
13	5.751	626	631	632	rBV3	557	954	0.04%	0.006%
14	5.946	655	663	670	rVB5	1891	5938	0.23%	0.037%
15	6.415	737	740	744	rBV2	219	410	0.02%	0.003%
16	6.744	788	794	797	rBV2	238	484	0.02%	0.003%
17	6.982	828	833	835	rBV2	368	457	0.02%	0.003%
18	7.086	842	850	856	rBV	13160	36689	1.41%	0.229%
19	7.561	922	928	931	rBV2	299	656	0.03%	0.004%
20	7.653	932	943	956	rVV	102616	253323	9.71%	1.582%
21	8.159	1021	1026	1029	rVB3	655	1048	0.04%	0.007%
22	8.281	1031	1046	1061	rBV2	209551	672786	25.78%	4.201%
23	8.701	1107	1115	1120	rBV6	1552	3351	0.13%	0.021%
24	8.842	1129	1138	1149	rBV	155596	315634	12.09%	1.971%
25	8.939	1151	1154	1157	rVV3	513	730	0.03%	0.005%
26	9.091	1172	1179	1186	rBV5	2487	5074	0.19%	0.032%
27	9.274	1198	1209	1219	rBV	128406	263750	10.11%	1.647%
28	9.409	1230	1231	1236	rVB2	429	556	0.02%	0.003%
29	9.671	1269	1274	1276	rBV4	584	814	0.03%	0.005%
30	9.762	1285	1289	1293	rBV4	469	815	0.03%	0.005%
31	9.896	1305	1311	1318	rVB5	1152	2501	0.10%	0.016%
32	10.036	1318	1334	1344	rBV	73199	131421	5.04%	0.821%
33	10.213	1356	1363	1373	rBV	12689	26508	1.02%	0.166%
34	10.323	1373	1381	1387	rBV	339730	592615	22.71%	3.701%
35	10.390	1387	1392	1402	rVB	59291	106375	4.08%	0.664%
36	10.500	1406	1410	1413	rBV5	808	1120	0.04%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	10.579	1416	1423	1431	rBV	45046	79511	3.05%	0.497%
38	10.707	1434	1444	1452	rBV	44697	83088	3.18%	0.519%
39	10.768	1452	1454	1459	rVB3	569	624	0.02%	0.004%
40	10.847	1461	1467	1468	rBV4	853	1282	0.05%	0.008%
41	10.927	1473	1480	1490	rBV	59687	103403	3.96%	0.646%
42	11.024	1494	1496	1497	rBV	729	509	0.02%	0.003%
43	11.061	1497	1502	1510	rVB	9589	16474	0.63%	0.103%
44	11.177	1517	1521	1525	rBV3	2049	2835	0.11%	0.018%
45	11.231	1525	1530	1534	rVB5	592	940	0.04%	0.006%
46	11.341	1543	1548	1550	rBV4	1300	2130	0.08%	0.013%
47	11.439	1551	1564	1571	rVV2	32296	63821	2.45%	0.399%
48	11.512	1572	1576	1579	rVB4	1694	2879	0.11%	0.018%
49	11.634	1588	1596	1604	rBV	231935	403585	15.46%	2.520%
50	11.731	1605	1612	1620	rVB	104633	170874	6.55%	1.067%
51	11.835	1621	1629	1640	rBV	406096	719181	27.56%	4.491%
52	12.018	1657	1659	1661	rBV2	742	561	0.02%	0.004%
53	12.060	1663	1666	1671	rVB5	2757	4671	0.18%	0.029%
54	12.164	1671	1683	1691	rBV	106475	189950	7.28%	1.186%
55	12.249	1691	1697	1702	rVB	10756	16844	0.65%	0.105%
56	12.365	1702	1716	1726	rBV10	8141	39175	1.50%	0.245%
57	12.469	1728	1733	1735	rBV4	4581	9007	0.35%	0.056%
58	12.542	1742	1745	1747	rBV3	6804	8216	0.31%	0.051%
59	12.566	1747	1749	1750	rVV	10779	9629	0.37%	0.060%
60	12.603	1750	1755	1760	rVV	137596	222231	8.52%	1.388%
61	12.652	1760	1763	1765	rVB	5833	5076	0.19%	0.032%
62	12.695	1765	1770	1776	rVB2	105870	178350	6.83%	1.114%
63	12.798	1776	1787	1792	rVB3	13963	39434	1.51%	0.246%
64	12.865	1792	1798	1801	rBV	54232	90746	3.48%	0.567%
65	12.926	1804	1808	1816	rVB2	179064	309708	11.87%	1.934%
66	13.103	1828	1837	1843	rBV3	26842	84929	3.25%	0.530%
67	13.164	1843	1847	1855	rVV2	44823	79064	3.03%	0.494%
68	13.249	1856	1861	1865	rVV	145314	217875	8.35%	1.361%
69	13.292	1865	1868	1872	rVB2	29677	39602	1.52%	0.247%
70	13.341	1873	1876	1880	rBV3	9595	16024	0.61%	0.100%
71	13.408	1884	1887	1889	rBV	14577	19683	0.75%	0.123%
72	13.481	1896	1899	1903	rVB3	42295	54943	2.11%	0.343%
73	13.554	1907	1911	1920	rBV2	317485	585825	22.45%	3.658%
74	13.755	1939	1944	1947	rBV4	59359	109763	4.21%	0.685%
75	13.865	1954	1962	1968	rBV2	454199	982457	37.64%	6.135%
76	13.938	1968	1974	1982	rBV2	147587	255124	9.78%	1.593%

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Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	14.036	1983	1990	1993	rBV3	38709	92260	3.54%	0.576%
78	14.200	2011	2017	2021	rBV4	45968	82355	3.16%	0.514%
79	14.255	2022	2026	2033	rBV5	17277	39881	1.53%	0.249%
80	14.341	2036	2040	2044	rVV4	29751	58589	2.24%	0.366%
81	14.383	2044	2047	2050	rVV2	56064	90082	3.45%	0.563%
82	14.420	2050	2053	2056	rVV2	58917	94631	3.63%	0.591%
83	14.450	2056	2058	2062	rVV	52808	75538	2.89%	0.472%
84	14.493	2062	2065	2069	rVB3	58355	82893	3.18%	0.518%
85	14.639	2086	2089	2093	rVB	19218	23646	0.91%	0.148%
86	14.719	2098	2102	2108	rVB2	183680	263370	10.09%	1.645%
87	14.792	2108	2114	2119	rBV2	82151	188305	7.22%	1.176%
88	14.950	2137	2140	2147	rVB2	25386	42561	1.63%	0.266%
89	15.060	2154	2158	2170	rBV5	26153	70254	2.69%	0.439%
90	15.243	2185	2188	2195	rVB6	33879	64772	2.48%	0.404%
91	15.316	2196	2200	2202	rBV2	71503	106303	4.07%	0.664%
92	15.359	2202	2207	2216	rVB	693728	1253231	48.02%	7.826%
93	15.548	2233	2238	2247	rVB	279474	443502	16.99%	2.769%
94	16.084	2322	2326	2330	rBV2	34183	51433	1.97%	0.321%
95	16.133	2330	2334	2343	rVV4	52789	119261	4.57%	0.745%
96	16.212	2343	2347	2352	rVV3	51002	91553	3.51%	0.572%
97	16.279	2353	2358	2366	rVB	113076	214043	8.20%	1.337%
98	16.432	2376	2383	2389	rBV	1228225	2609822	100.00%	16.297%
99	16.487	2389	2392	2398	rVB	400006	633524	24.27%	3.956%
100	16.639	2409	2417	2428	rVB	449460	1083809	41.53%	6.768%

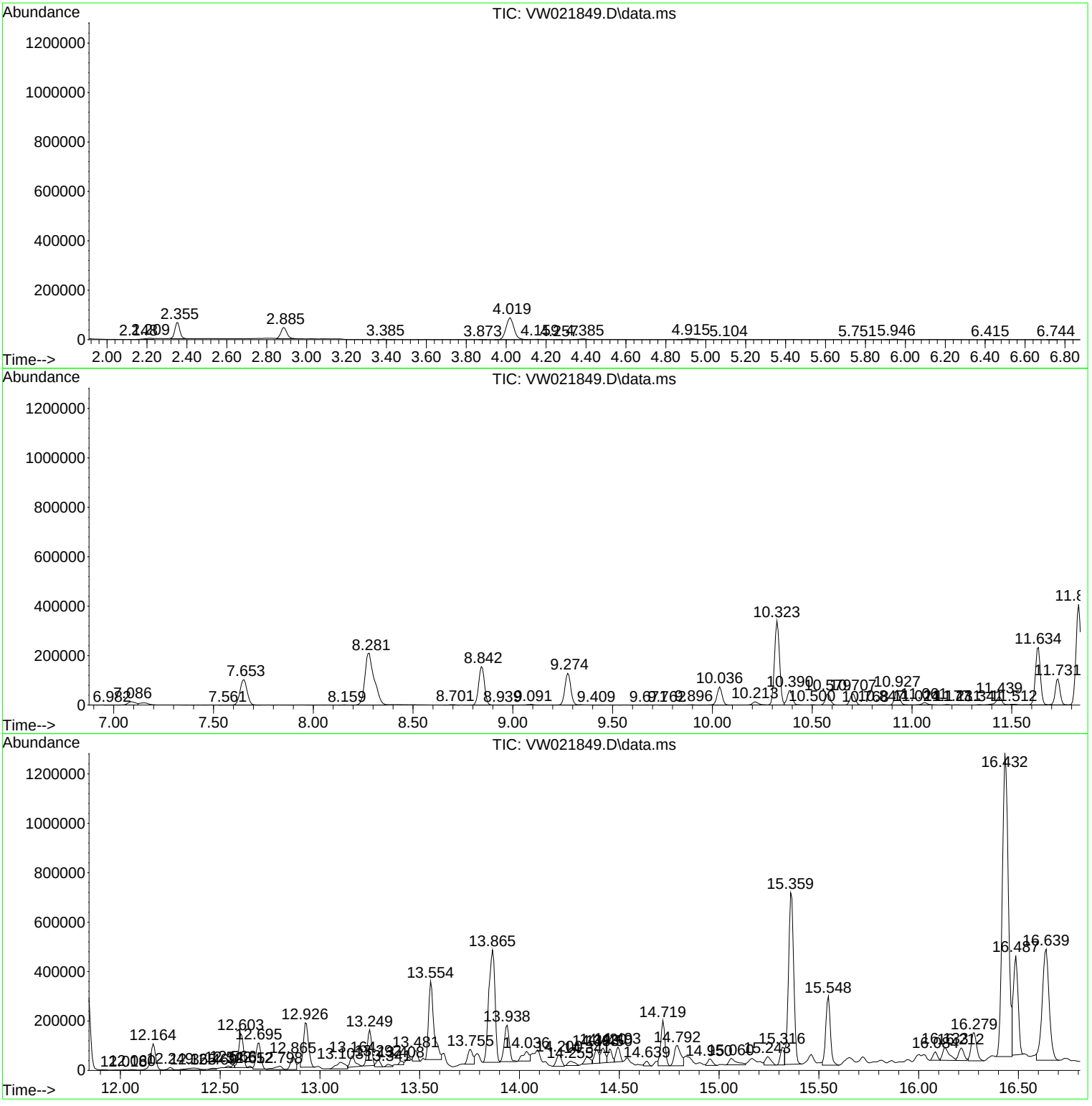
Sum of corrected areas: 16014283

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

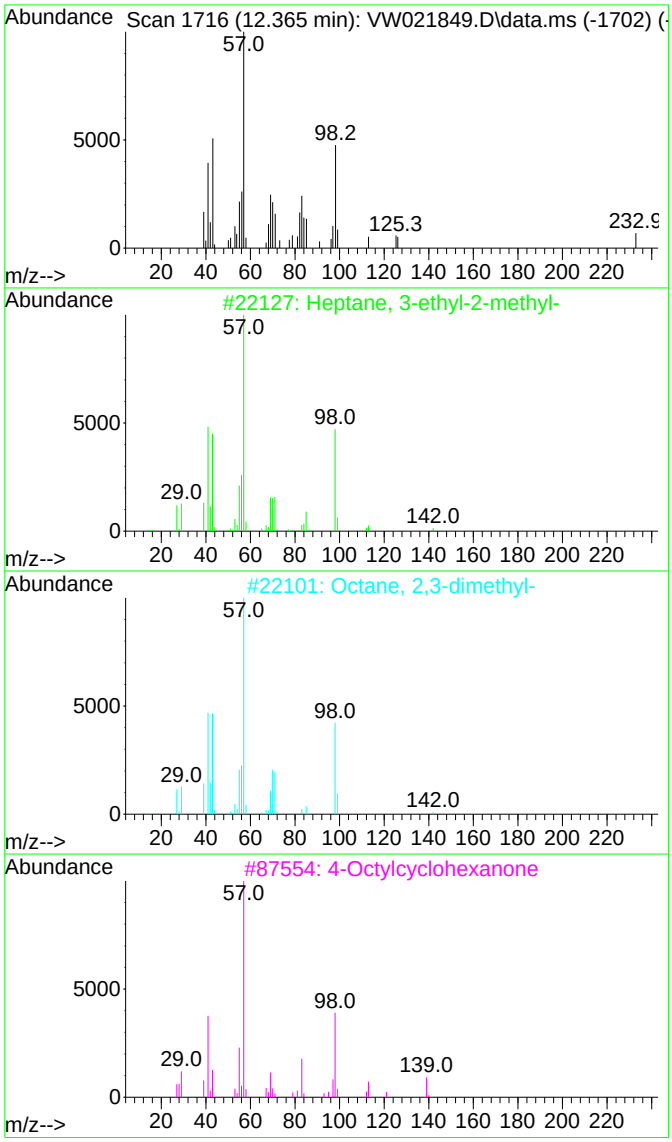
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

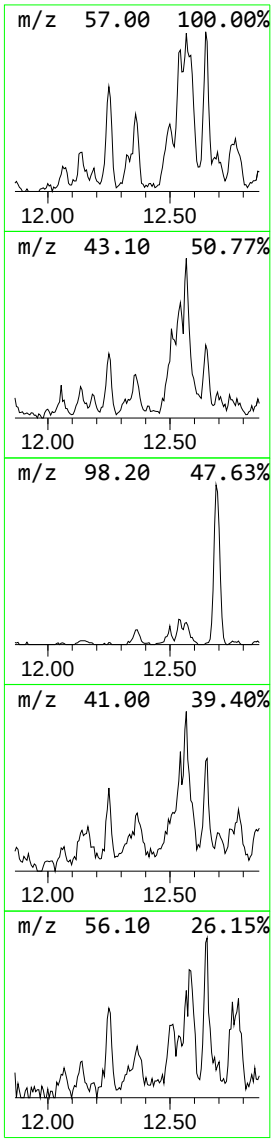
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	2.43 ug/L	39175	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
3	4-Octylcyclohexanone	210	C14H26O	1000428-94-1	50
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	47
5	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

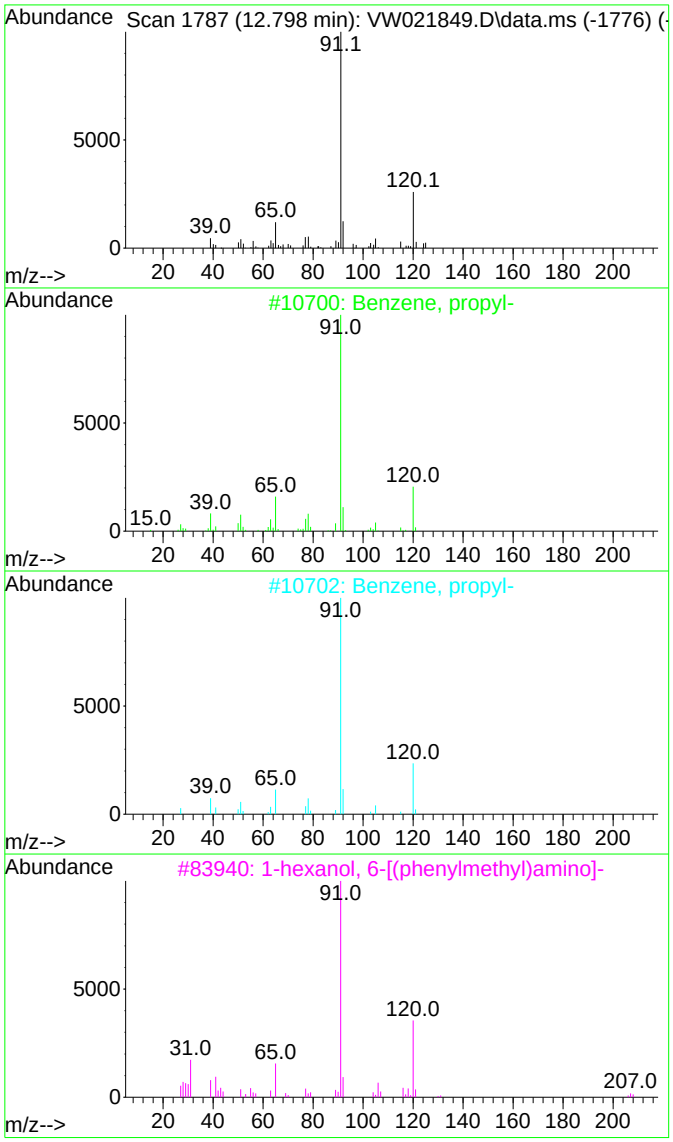
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

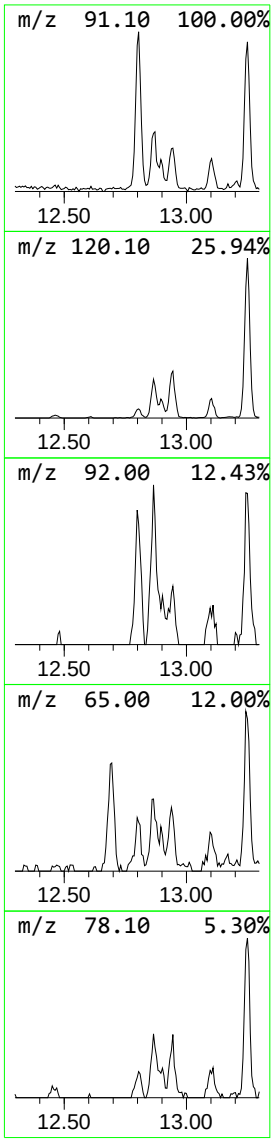
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	1.68 ug/L	39434	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	78
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Benzene, propyl-	120	C9H12	000103-65-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

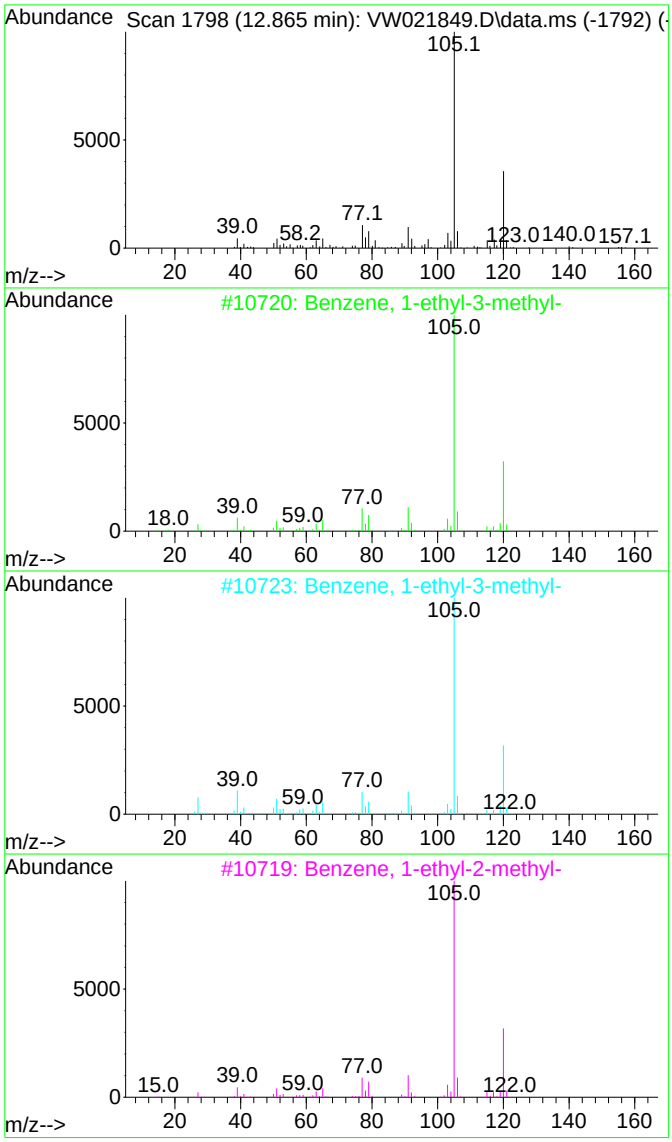
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

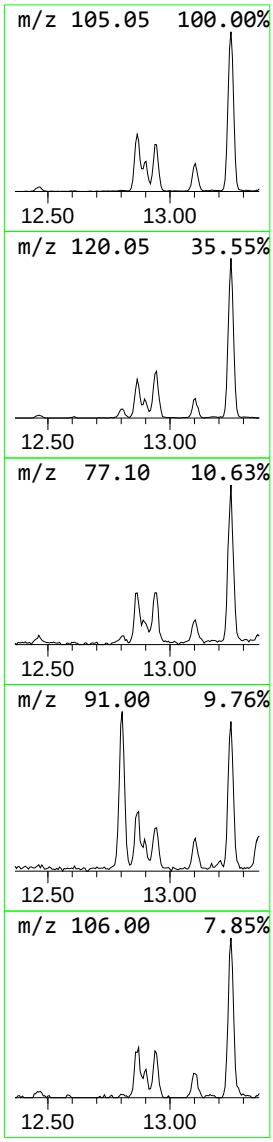
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	3.87 ug/L	90746	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

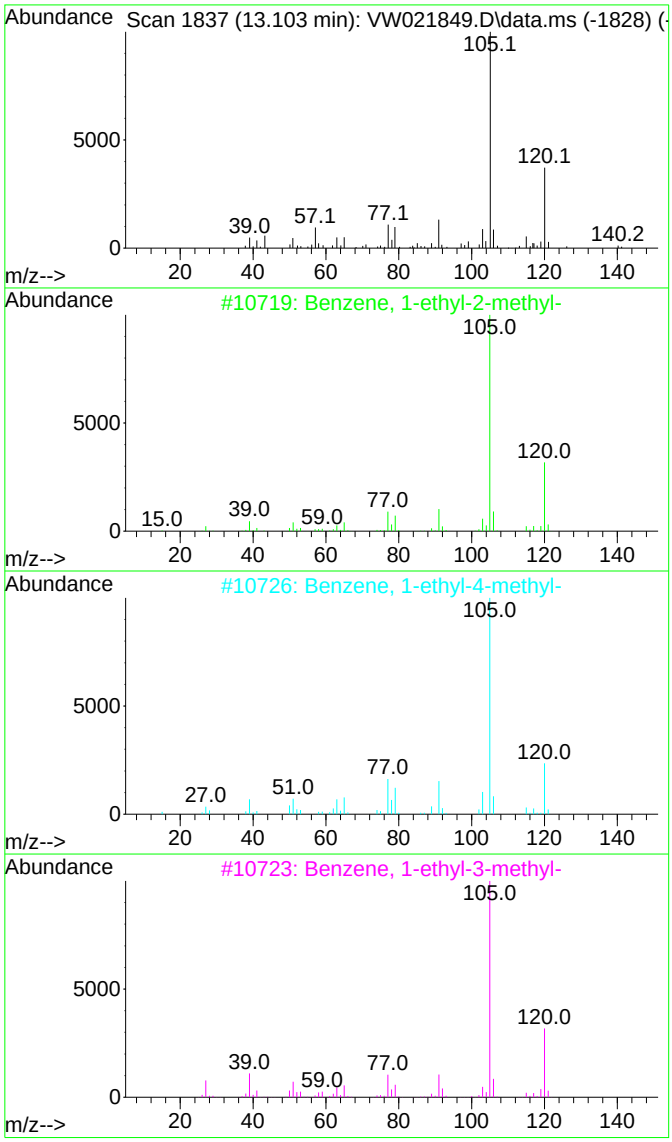
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

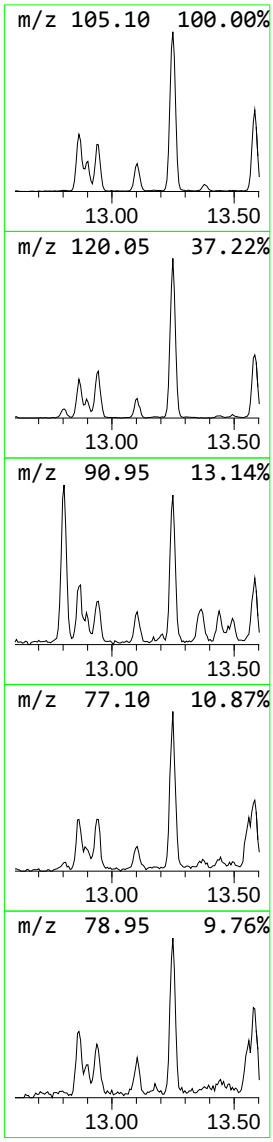
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	3.62 ug/L	84929	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	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

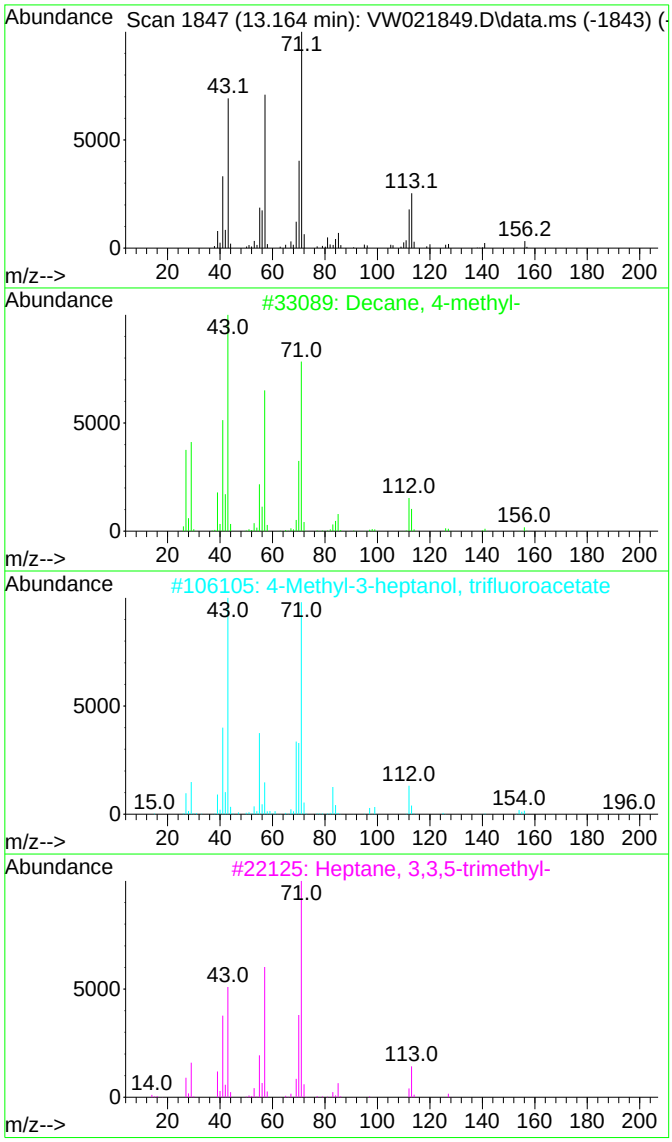
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

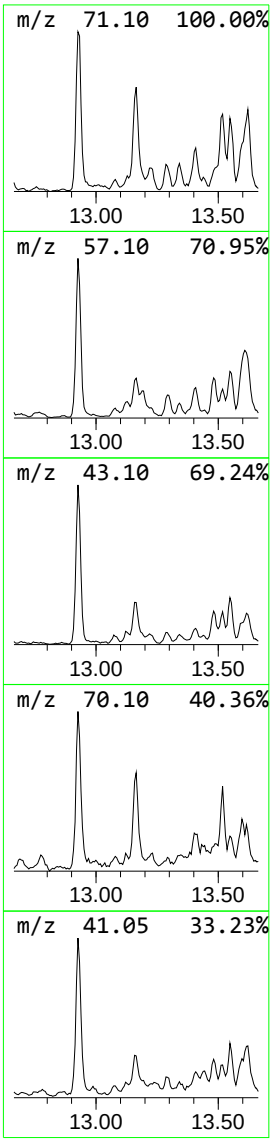
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	3.37 ug/L	79064	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

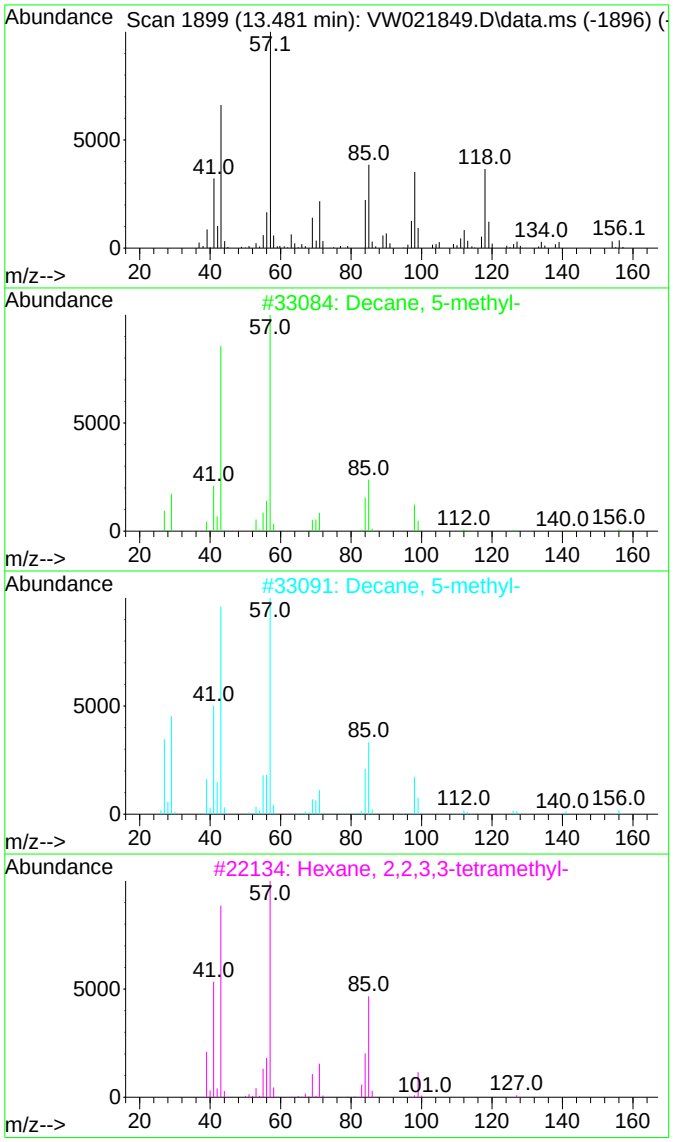
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

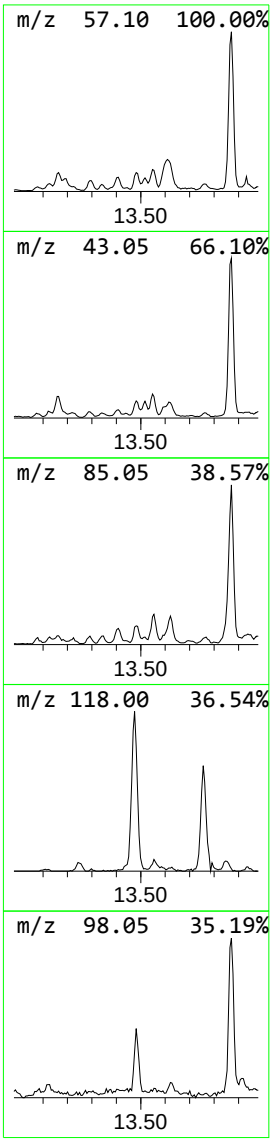
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	2.34 ug/L	54943	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Decane, 5-methyl-	156	C11H24	013151-35-4	47
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

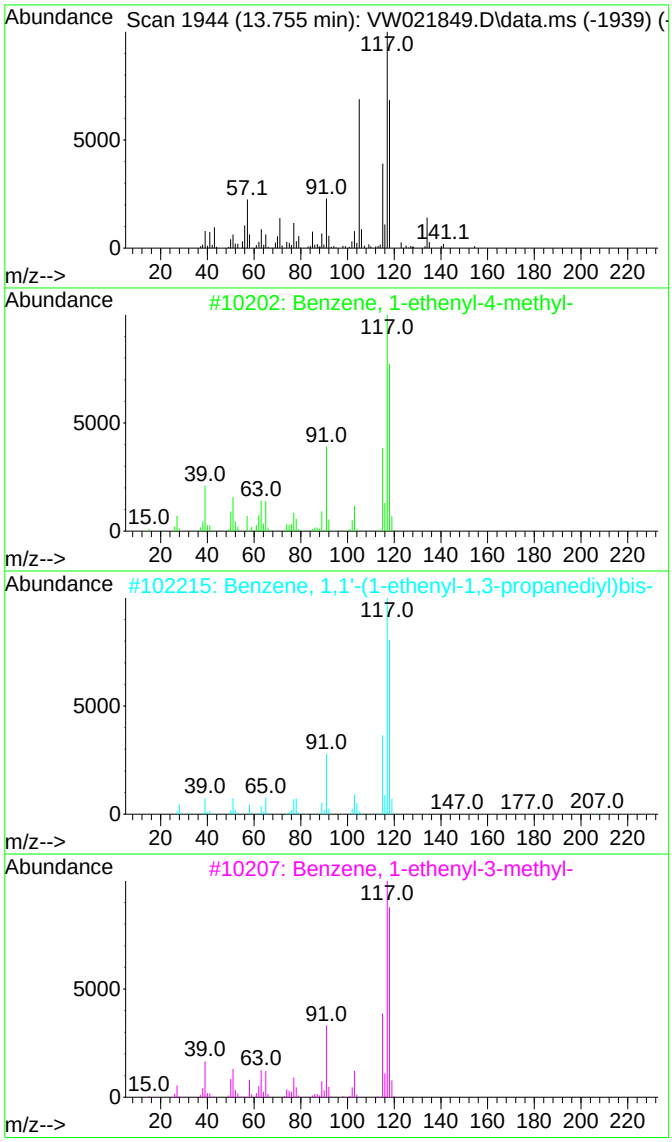
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

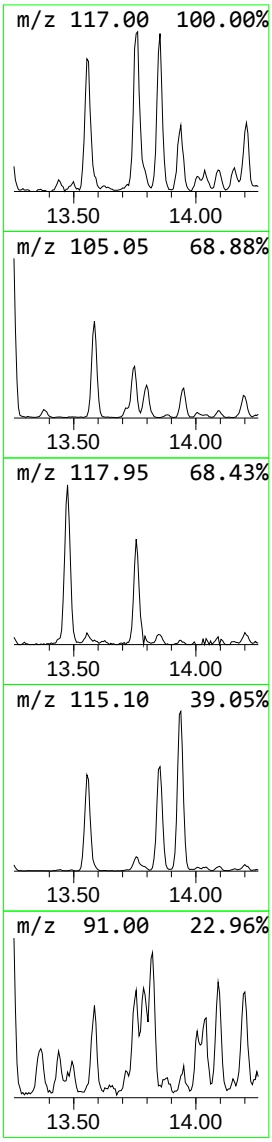
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	4.68 ug/L	109763	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	80
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

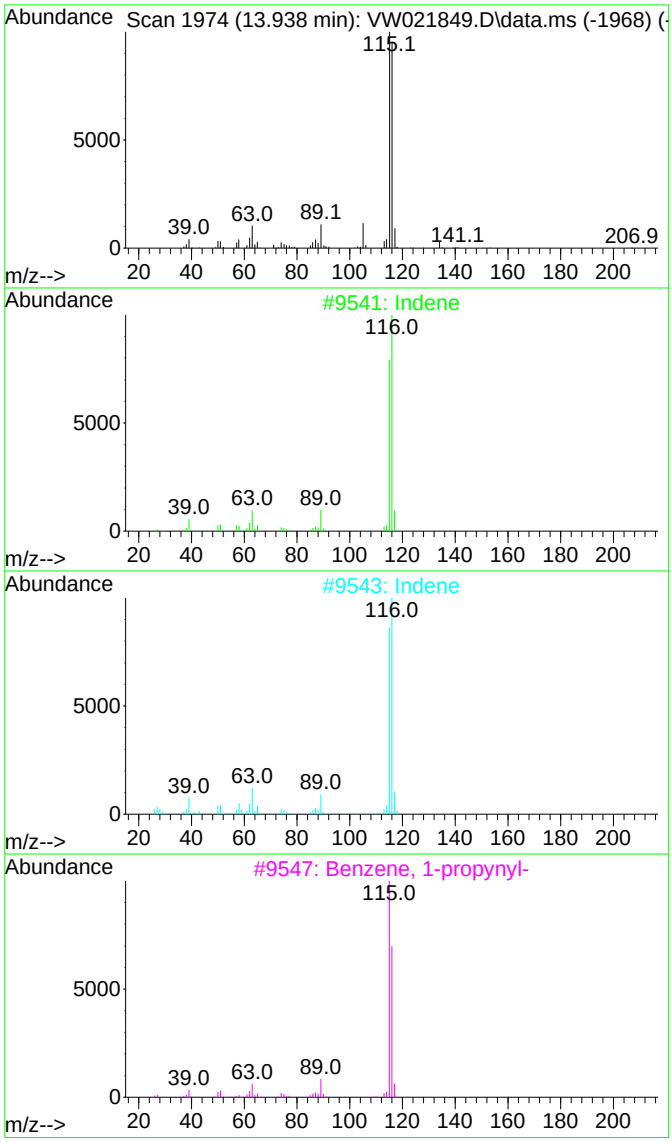
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

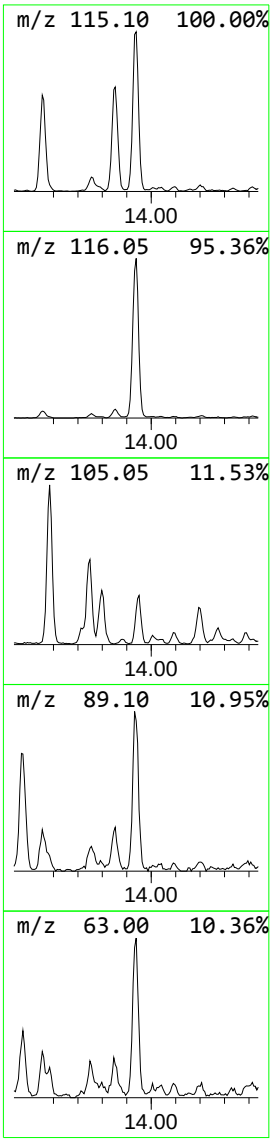
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	10.89 ug/L	255124	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

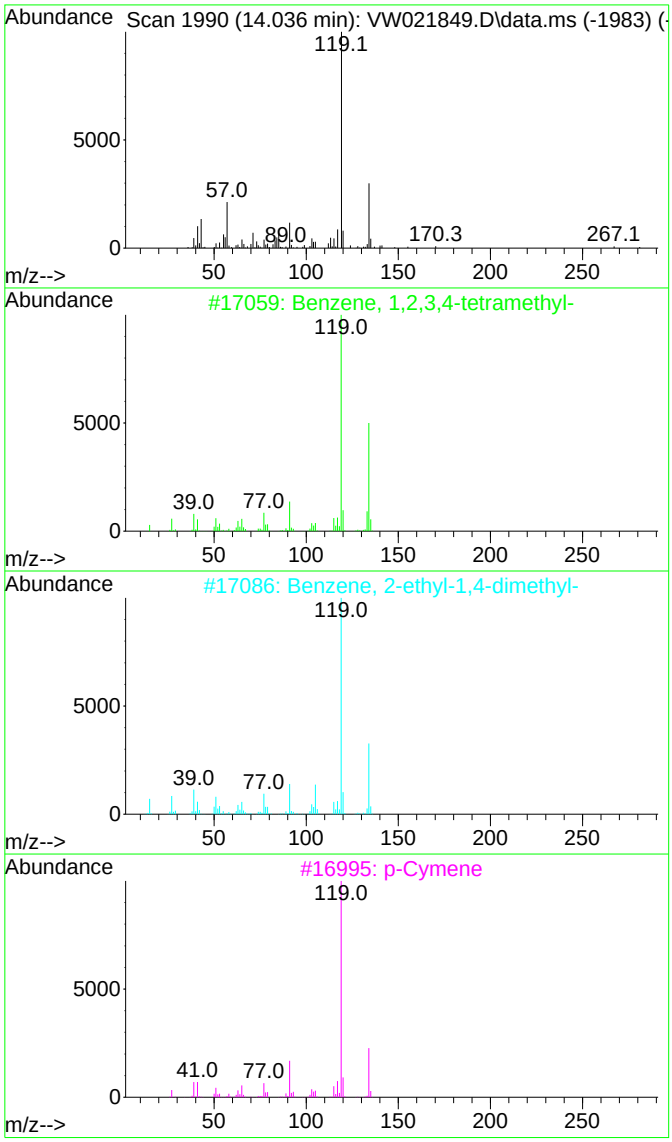
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

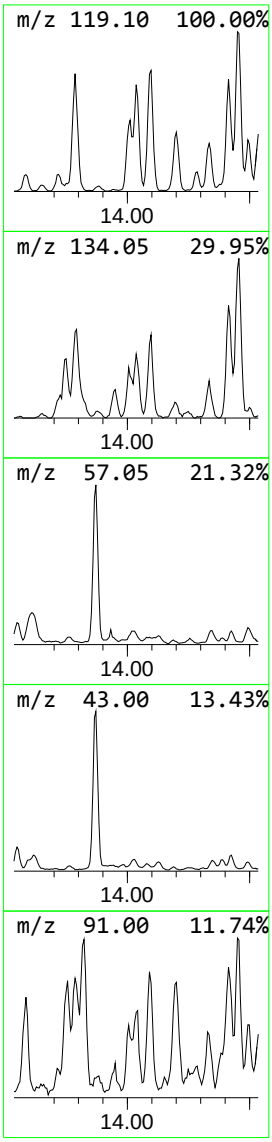
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	3.94 ug/L	92260	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	p-Cymene	134	C10H14	000099-87-6	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

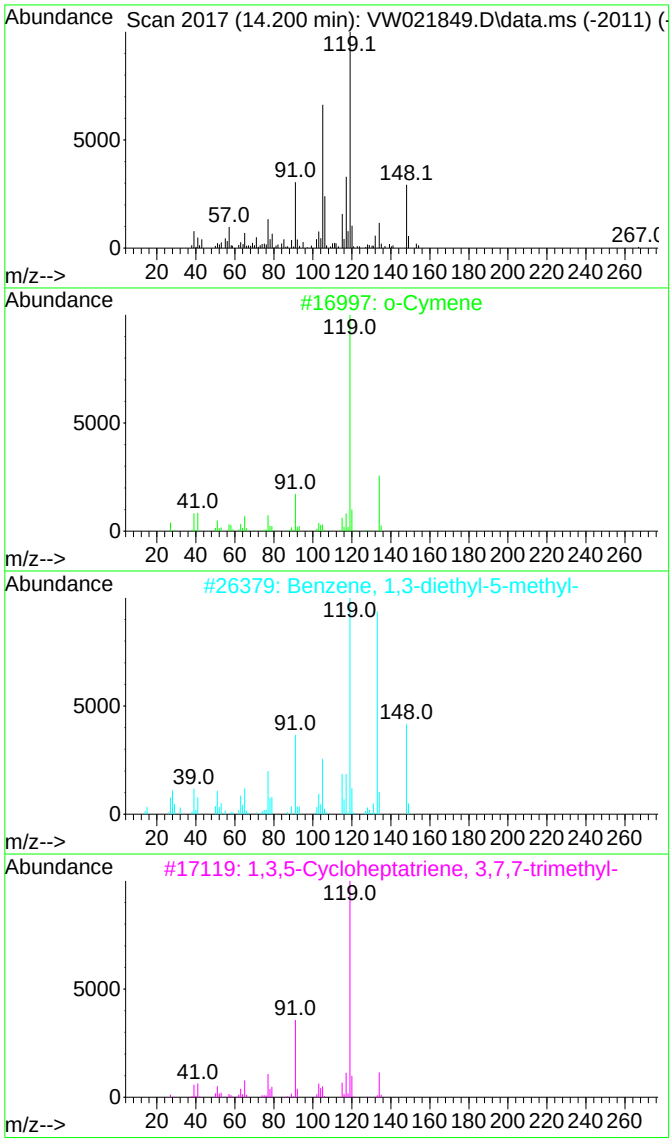
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

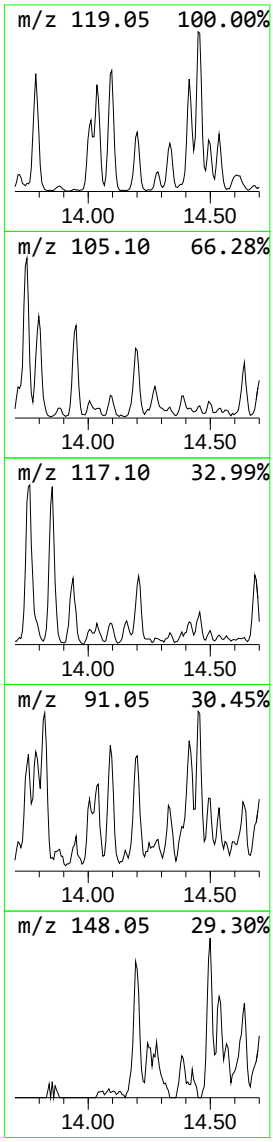
****

Peak Number 15 o-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	3.51 ug/L	82355	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	53
4	p-Cymene	134	C10H14	000099-87-6	53
5	p-Cymene	134	C10H14	000099-87-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

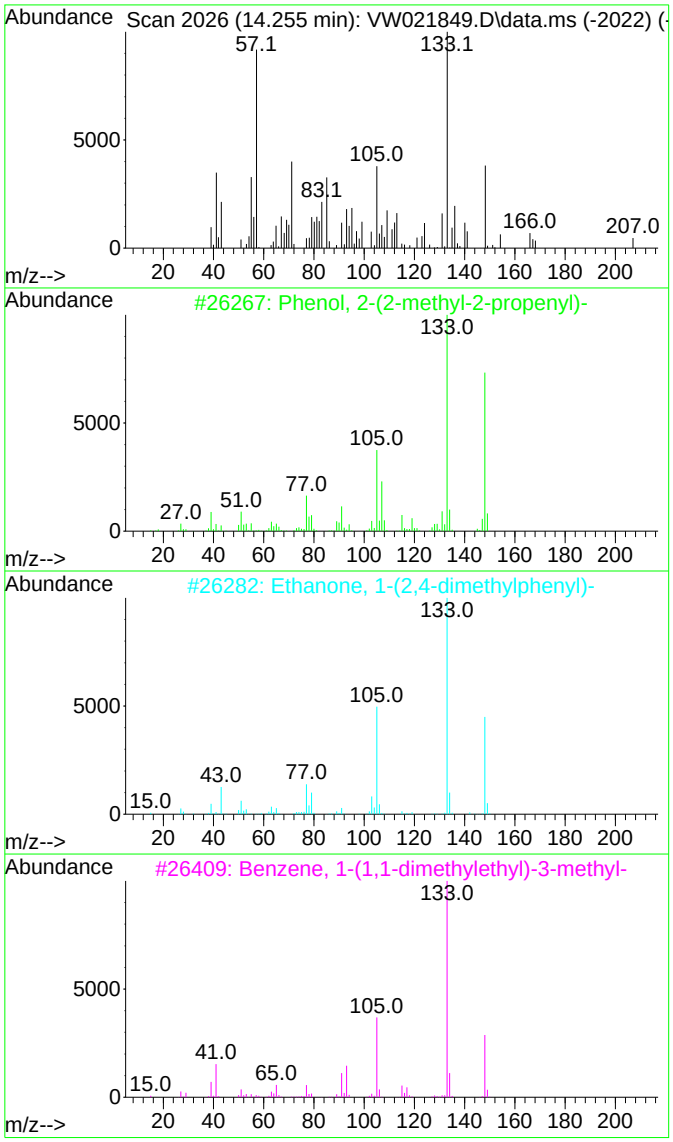
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

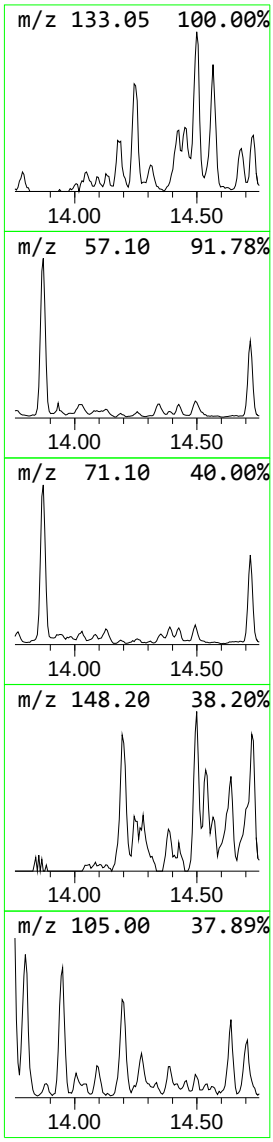
****

Peak Number 16 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	1.70 ug/L	39881	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	43
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	38
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	38
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

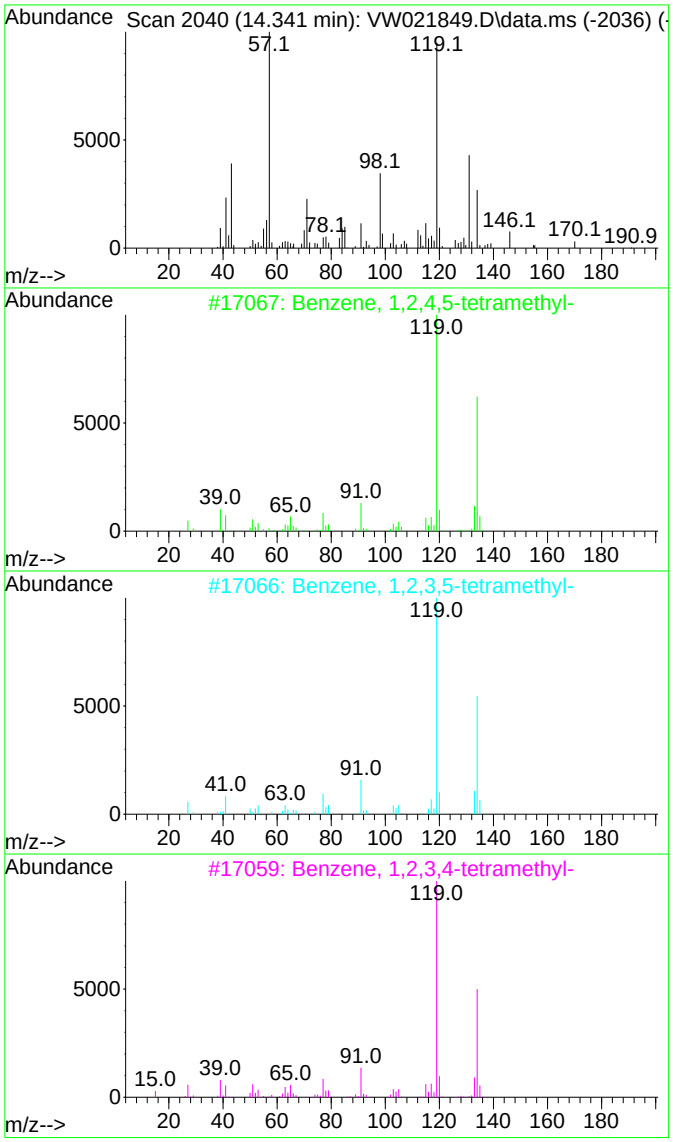
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

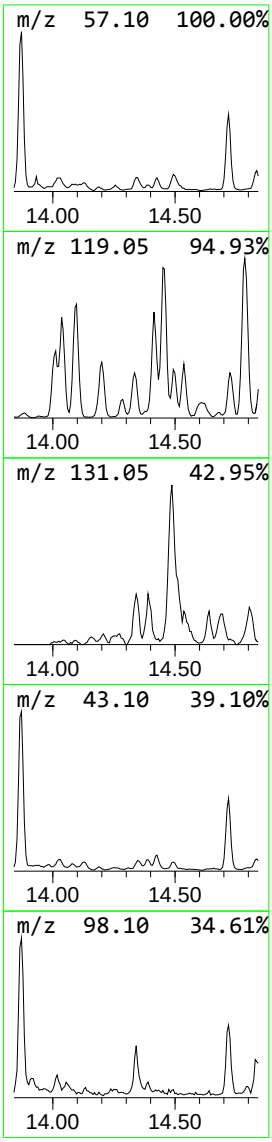
****

Peak Number 17 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	2.50 ug/L	58589	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	41
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	41
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	41
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	41
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

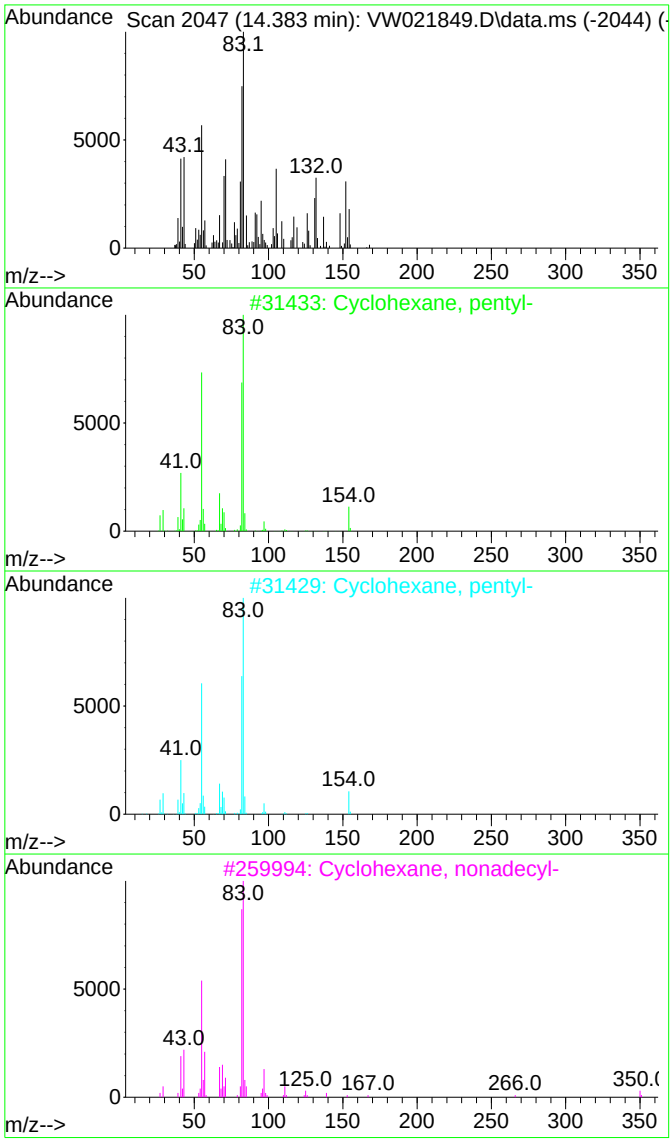
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

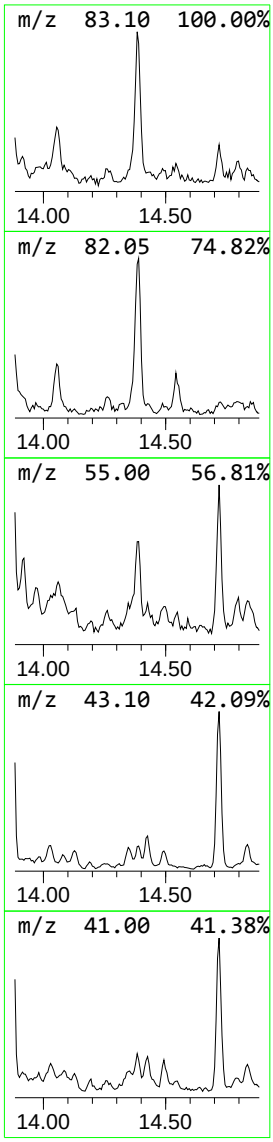
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic14.383 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.84 ug/L	90082	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	43
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

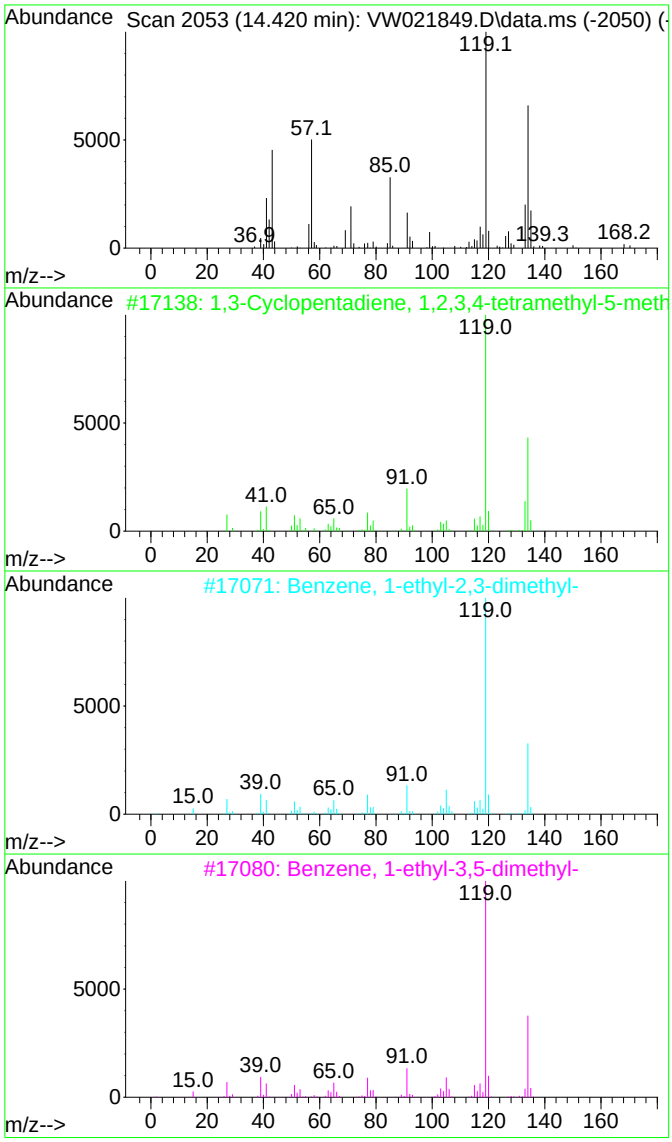
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

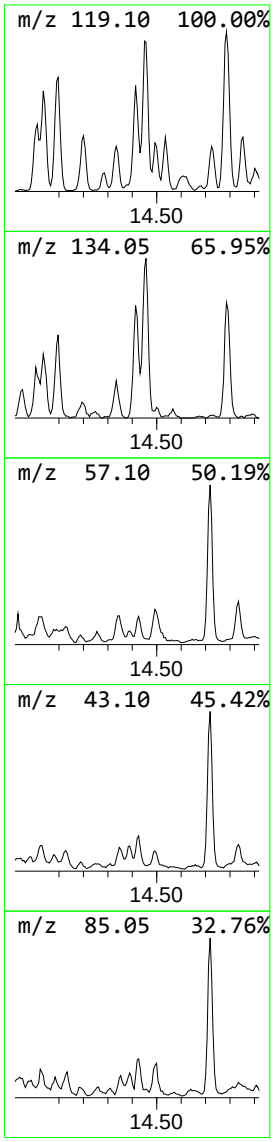
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	4.04 ug/L	94631	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

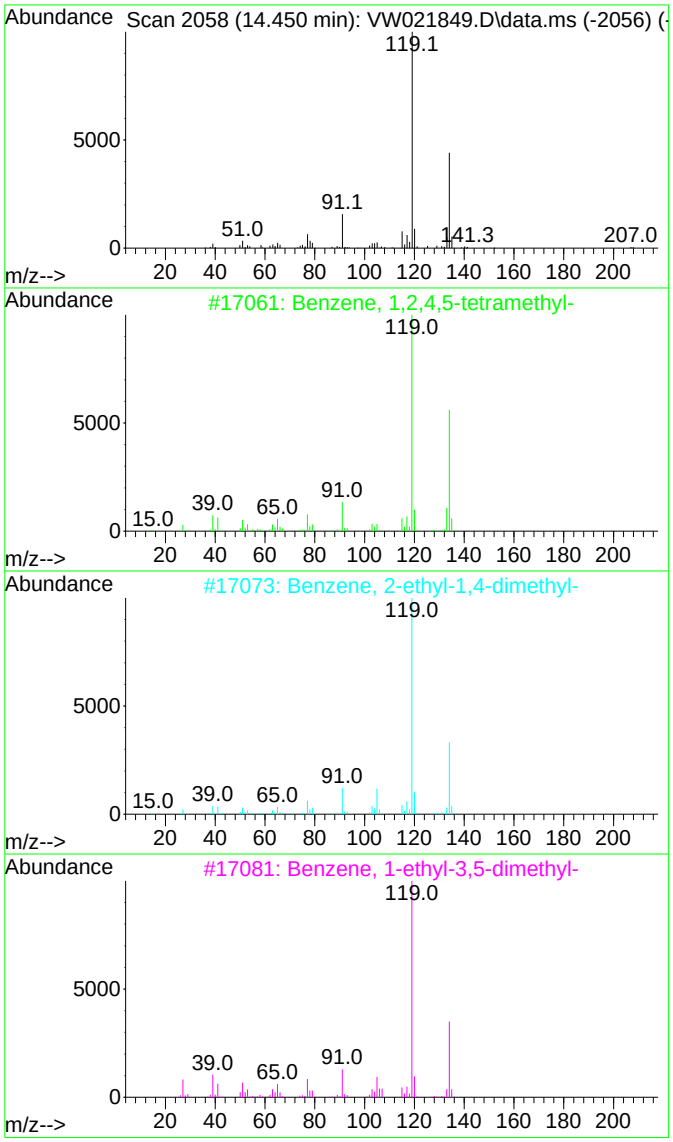
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

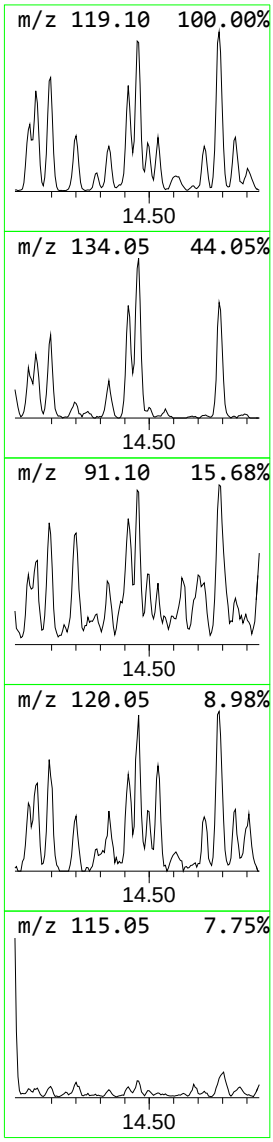
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	3.22 ug/L	75538	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	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

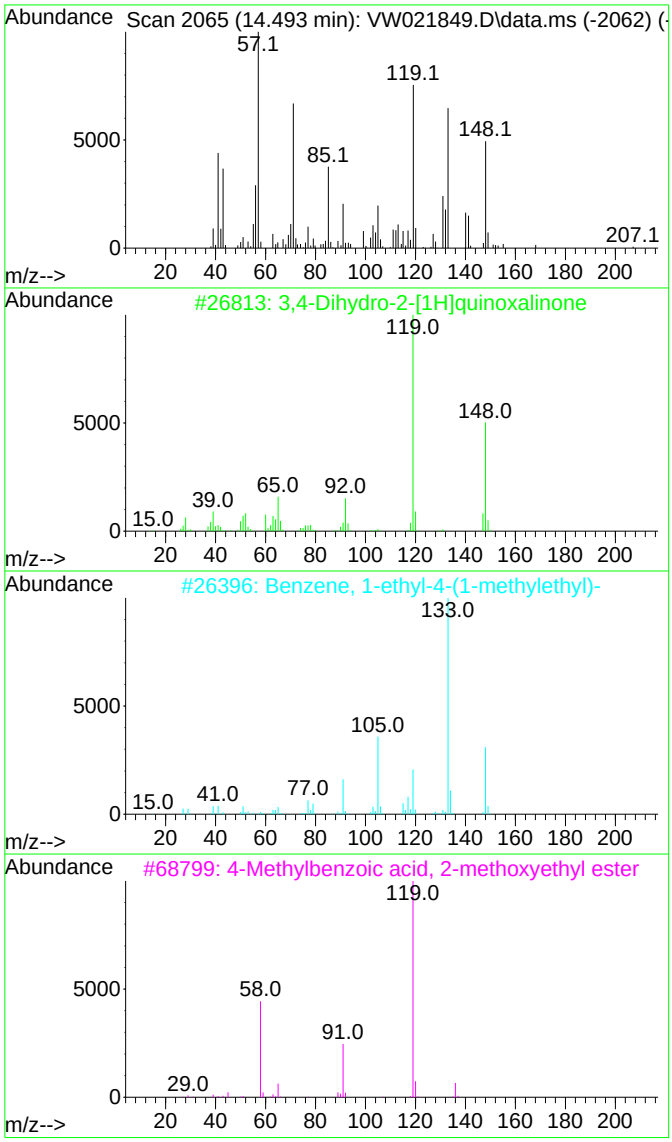
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

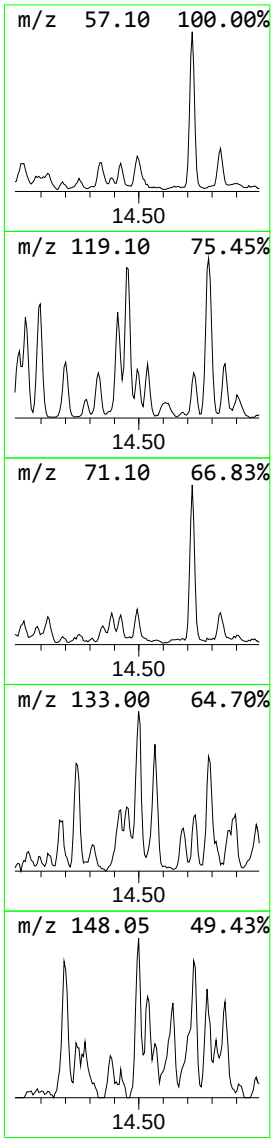
****

Peak Number 21 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	3.54 ug/L	82893	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	38
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	18
3	4-Methylbenzoic acid, 2-methoxye...	194	C11H14O3	1000331-35-6	14
4	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	14
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

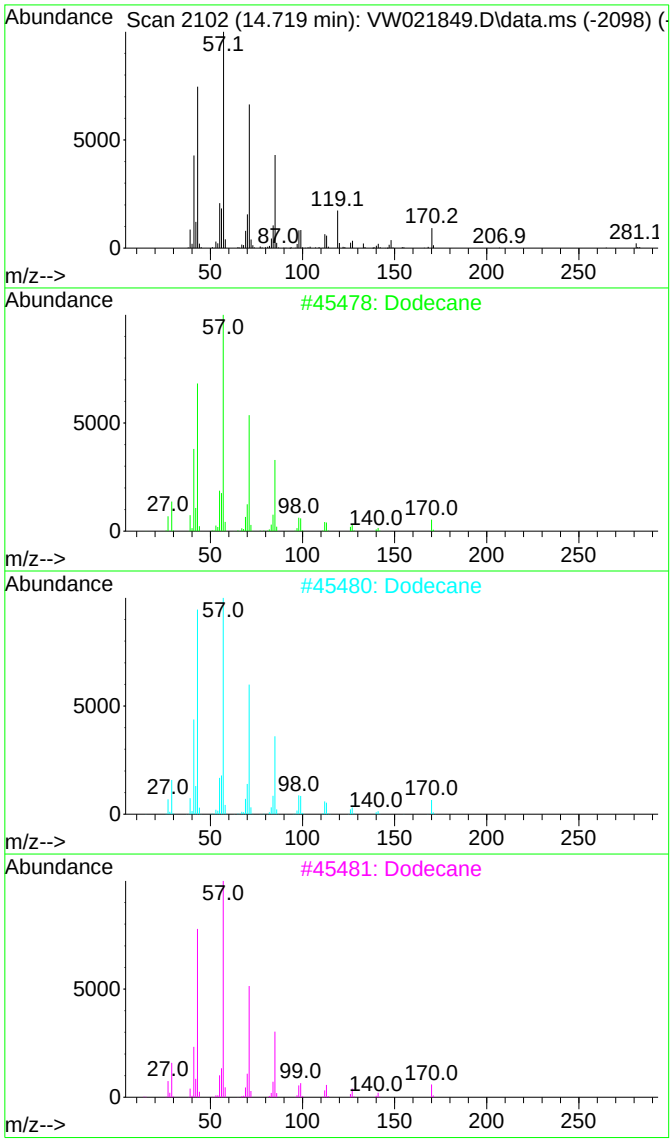
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

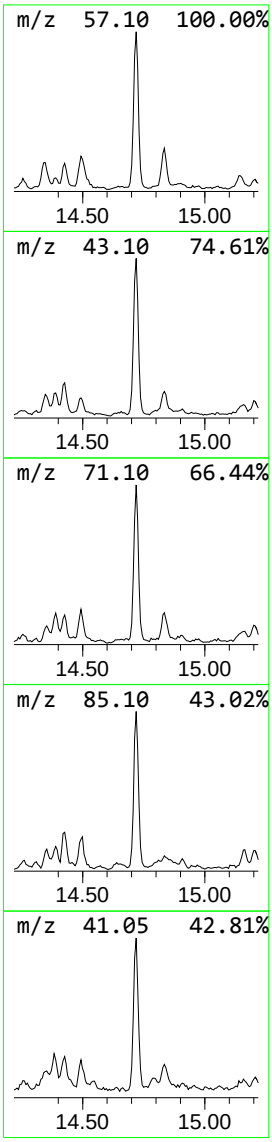
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	11.24 ug/L	263370	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	95
3	Dodecane	170	C12H26	000112-40-3	91
4	Tetradecane	198	C14H30	000629-59-4	74
5	Tridecane	184	C13H28	000629-50-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

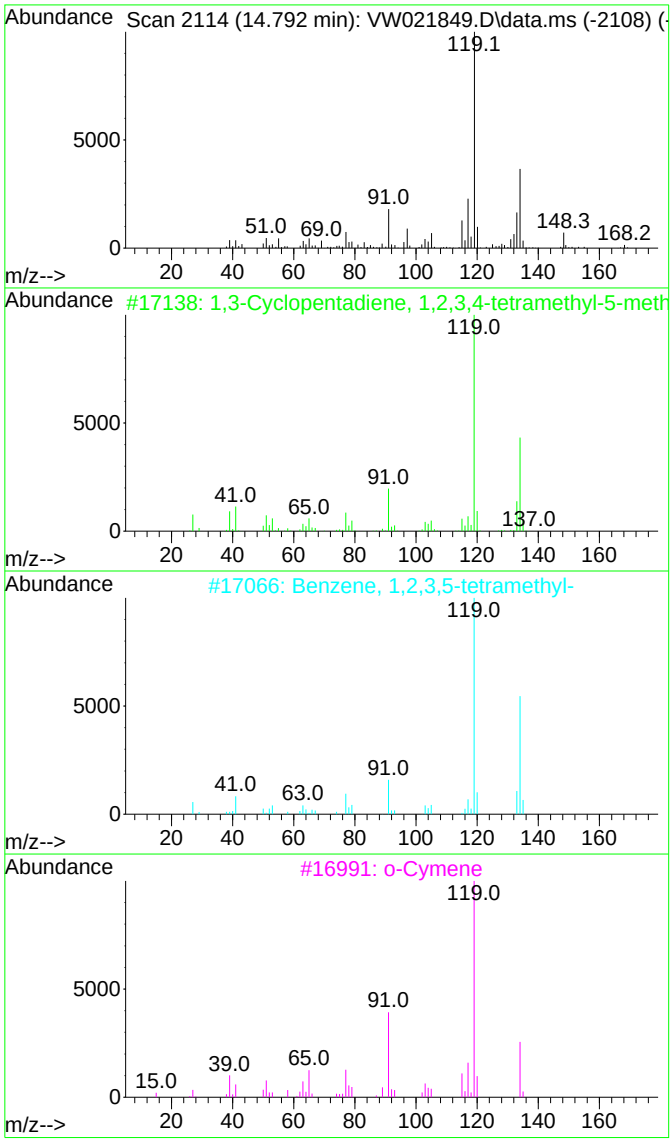
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

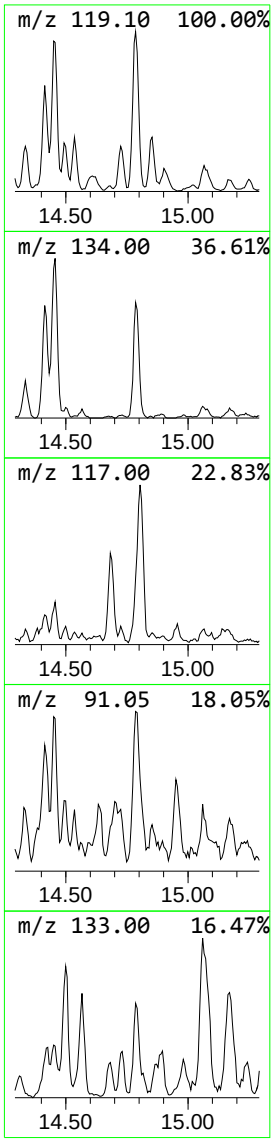
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	8.04 ug/L	188305	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3	o-Cymene	134	C10H14	000527-84-4	76
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





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Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

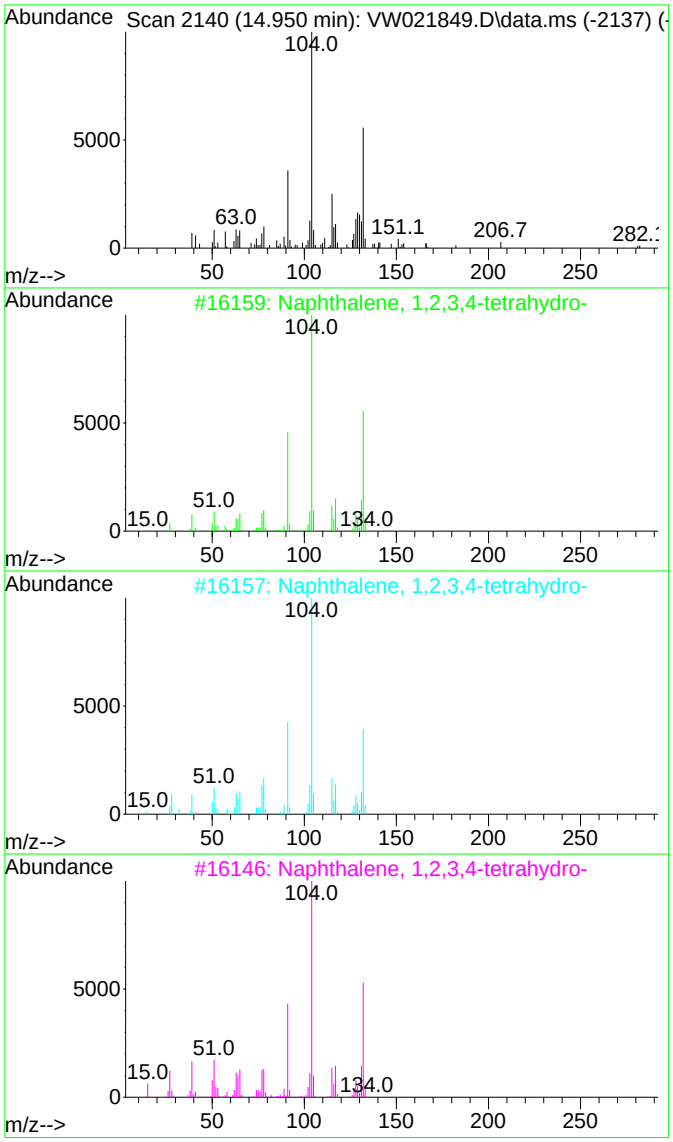
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

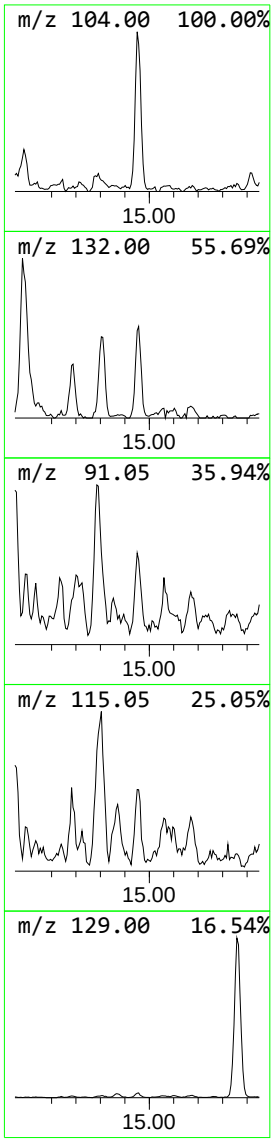
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	1.82 ug/L	42561	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	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

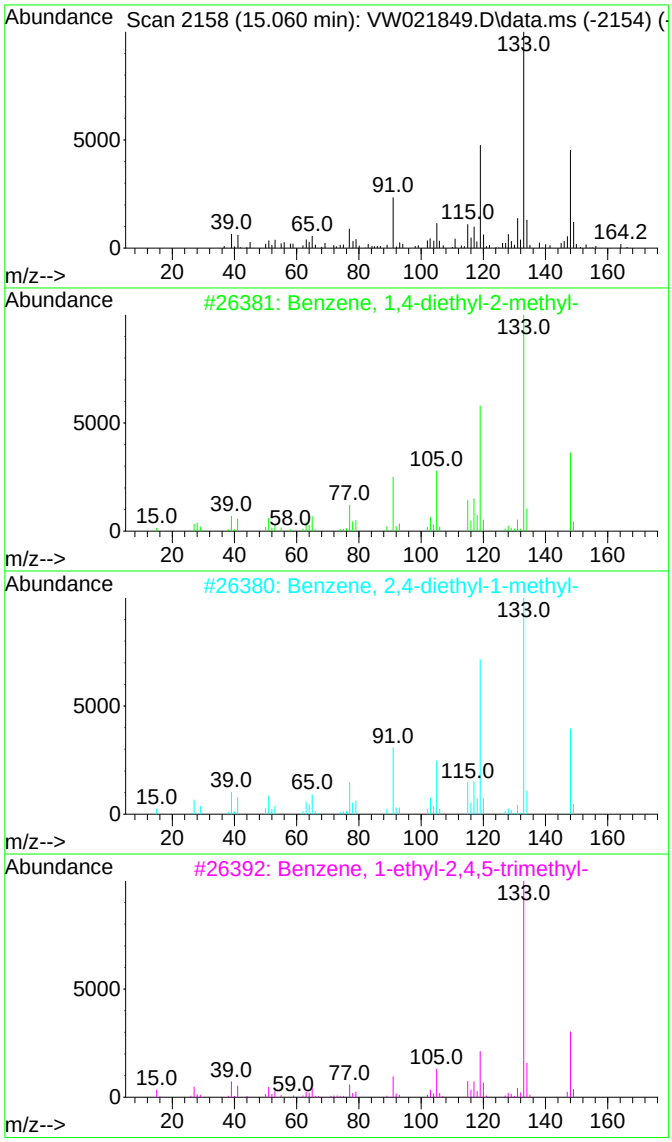
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

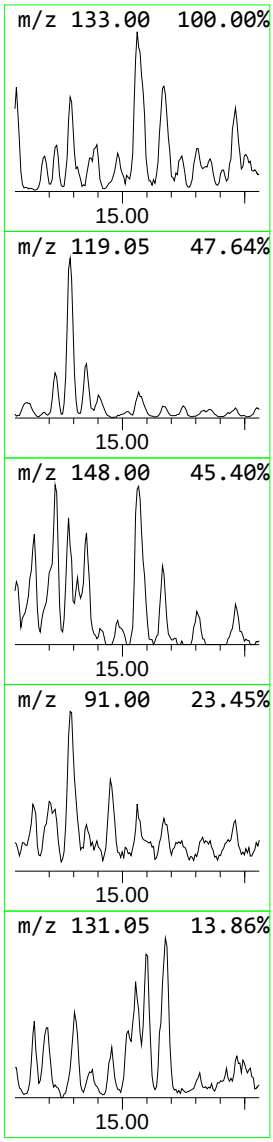
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	3.00 ug/L	70254	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

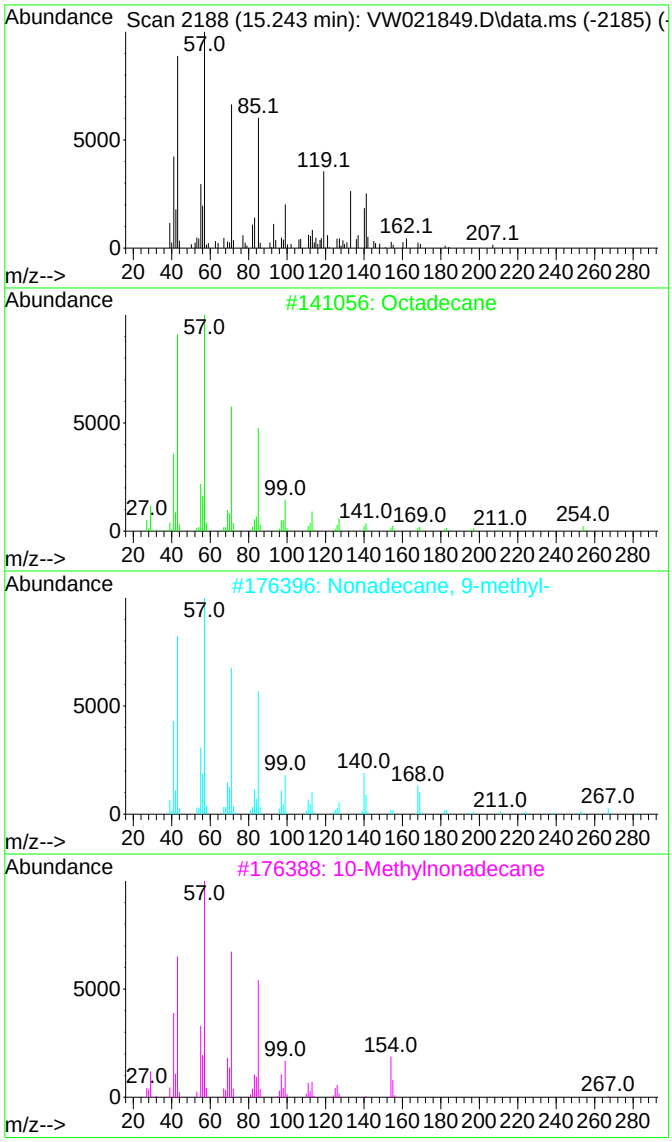
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

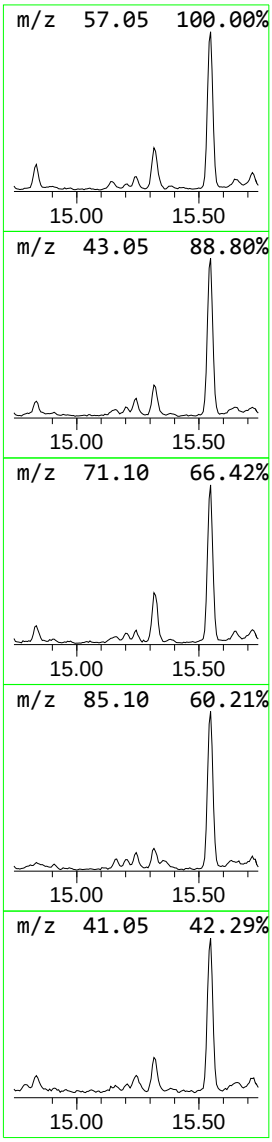
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	2.76 ug/L	64772	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49
3	10-Methylnonadecane	282	C20H42	056862-62-5	47
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

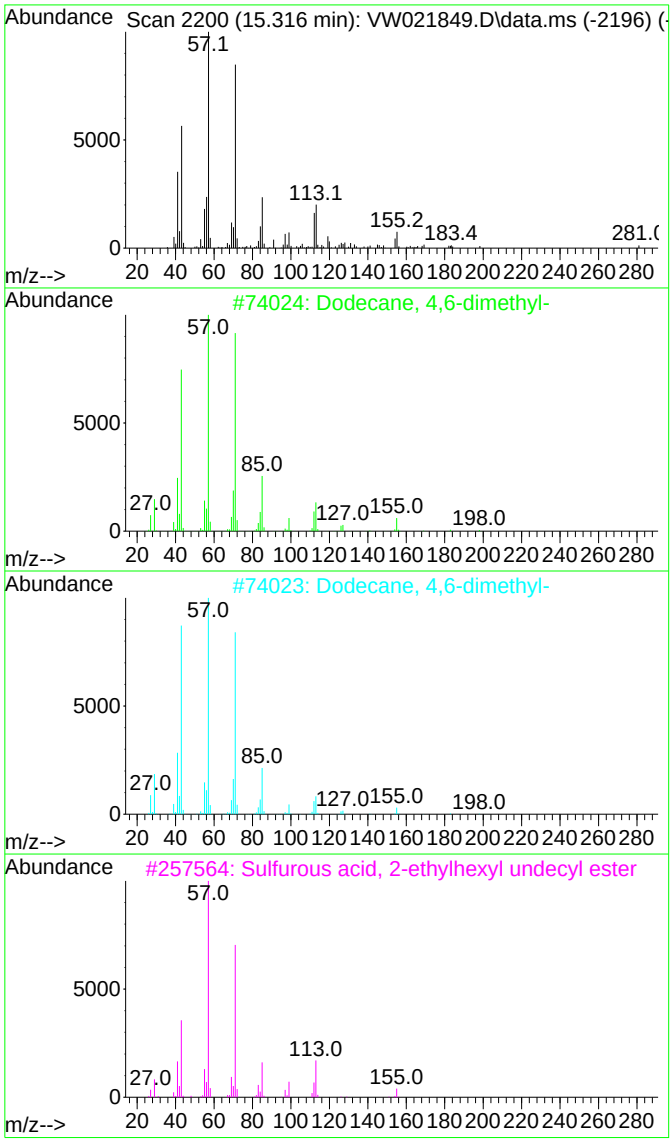
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

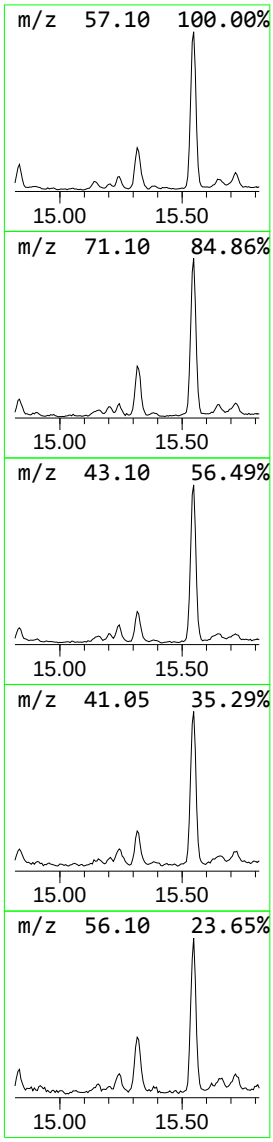
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	4.54 ug/L	106303	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

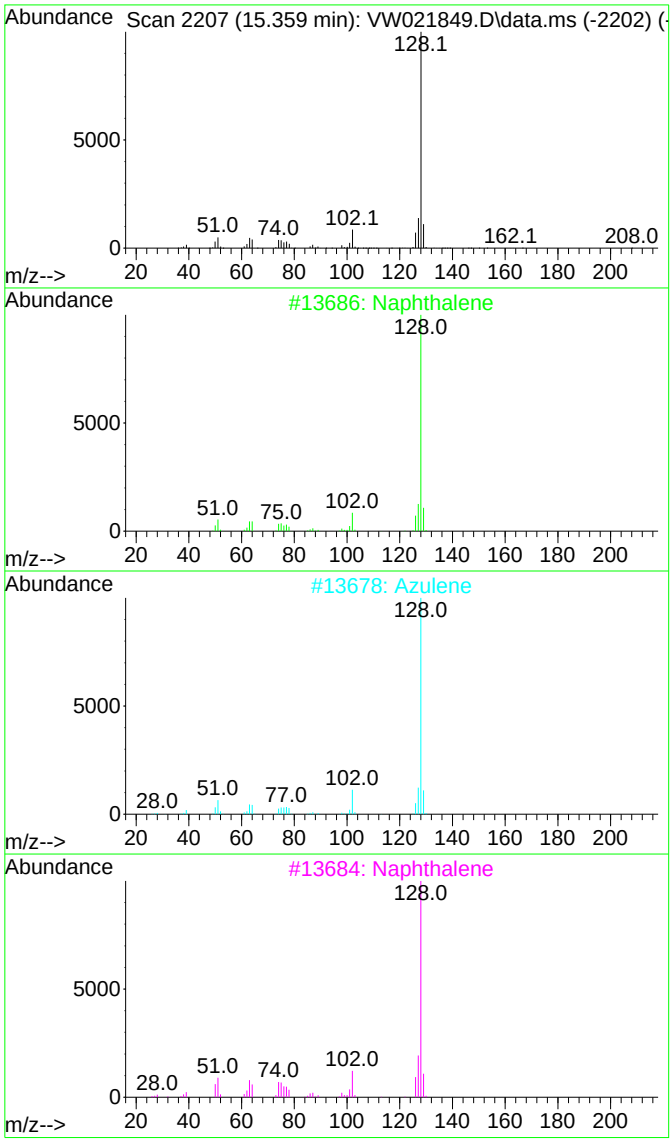
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

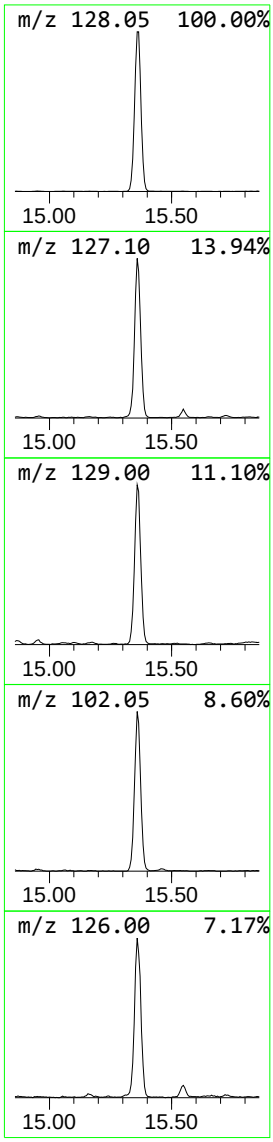
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	53.48 ug/L	1253230	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

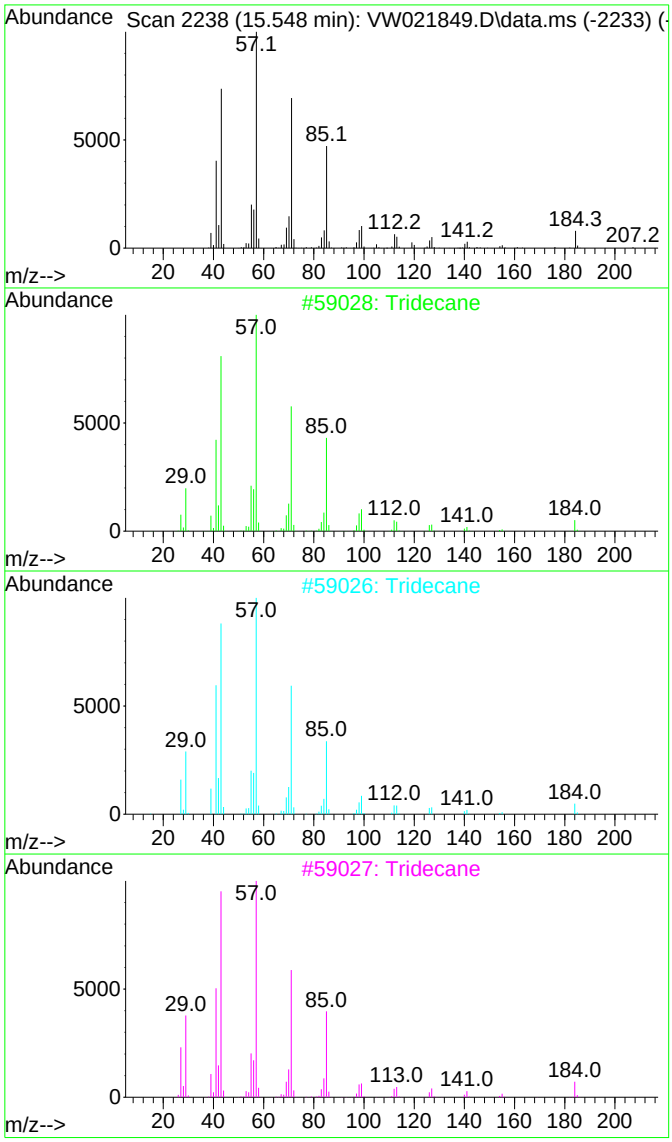
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

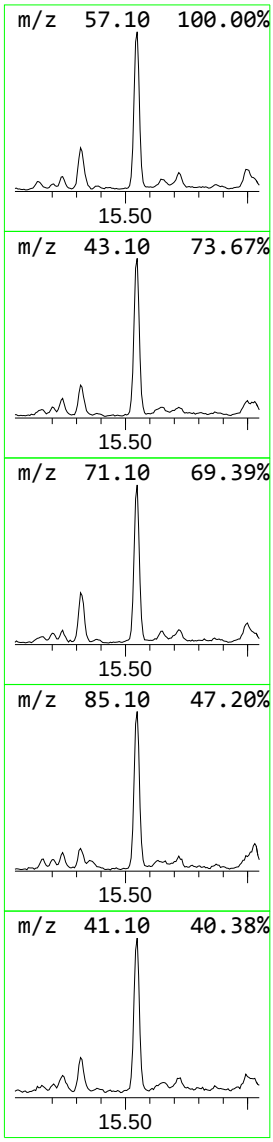
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	18.93 ug/L	443502	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	98
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	94
4	Dodecane	170	C12H26	000112-40-3	90
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

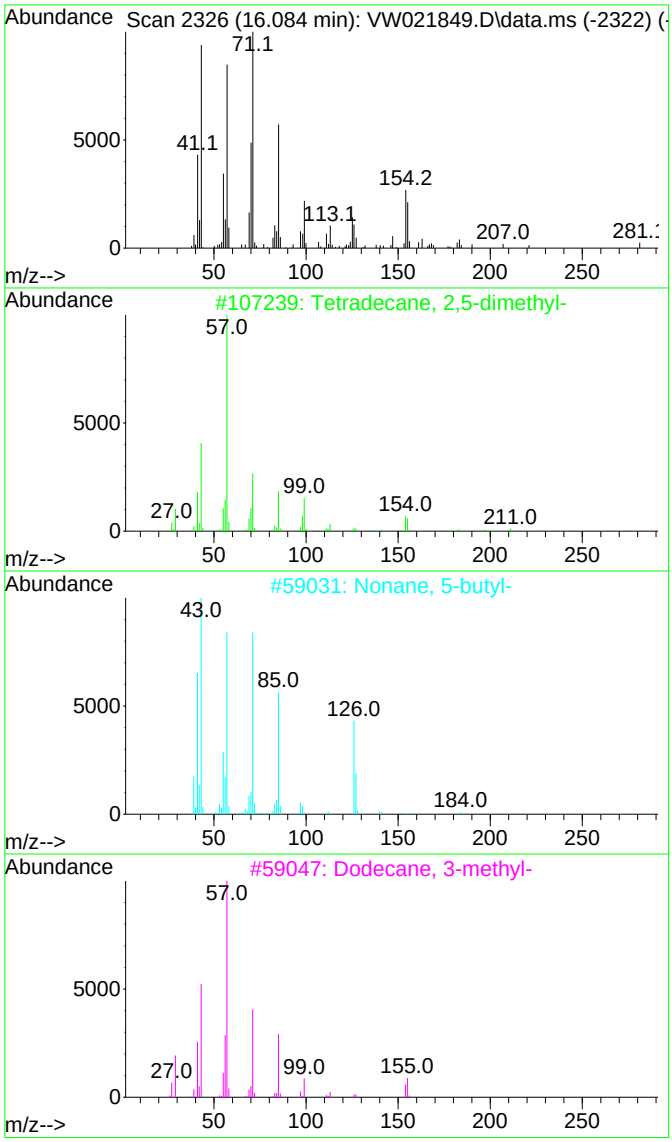
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

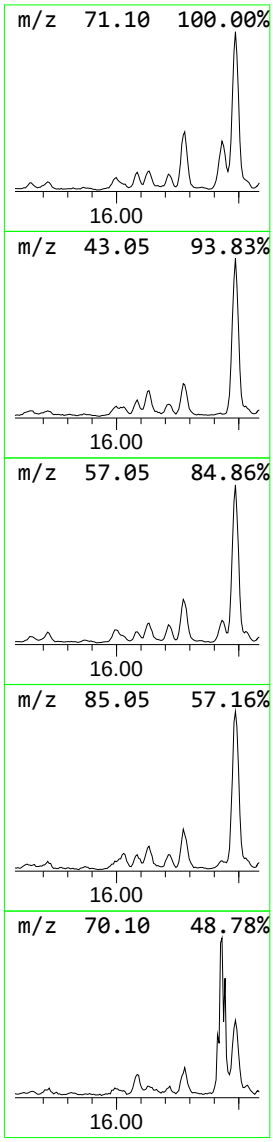
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	2.19 ug/L	51433	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	64
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	55
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Decane, 4-methyl-	156	C11H24	002847-72-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

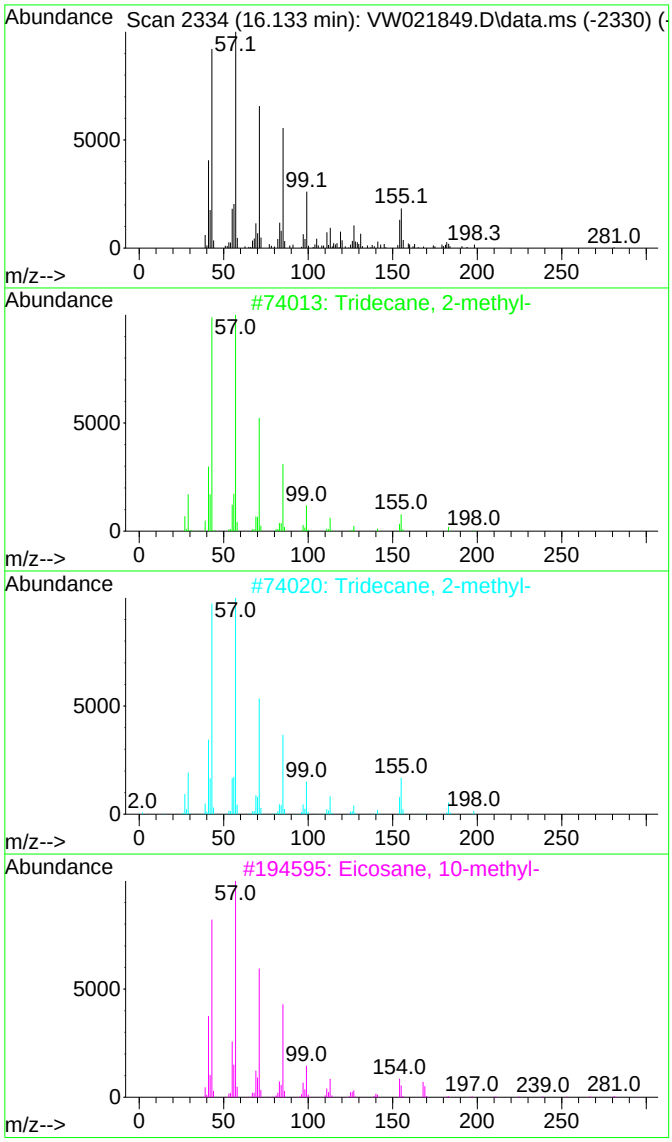
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

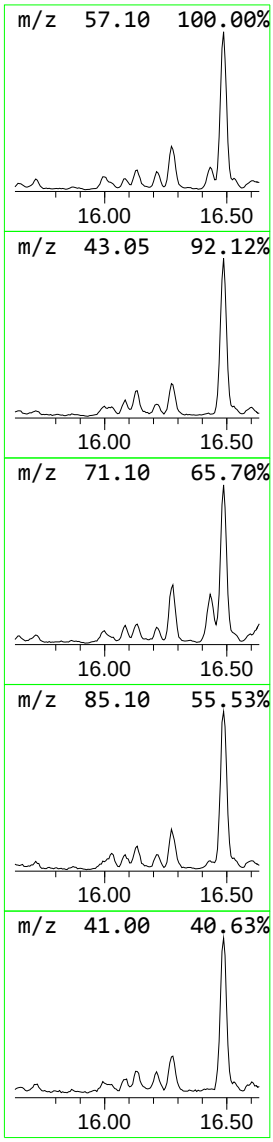
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	5.09 ug/L	119261	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

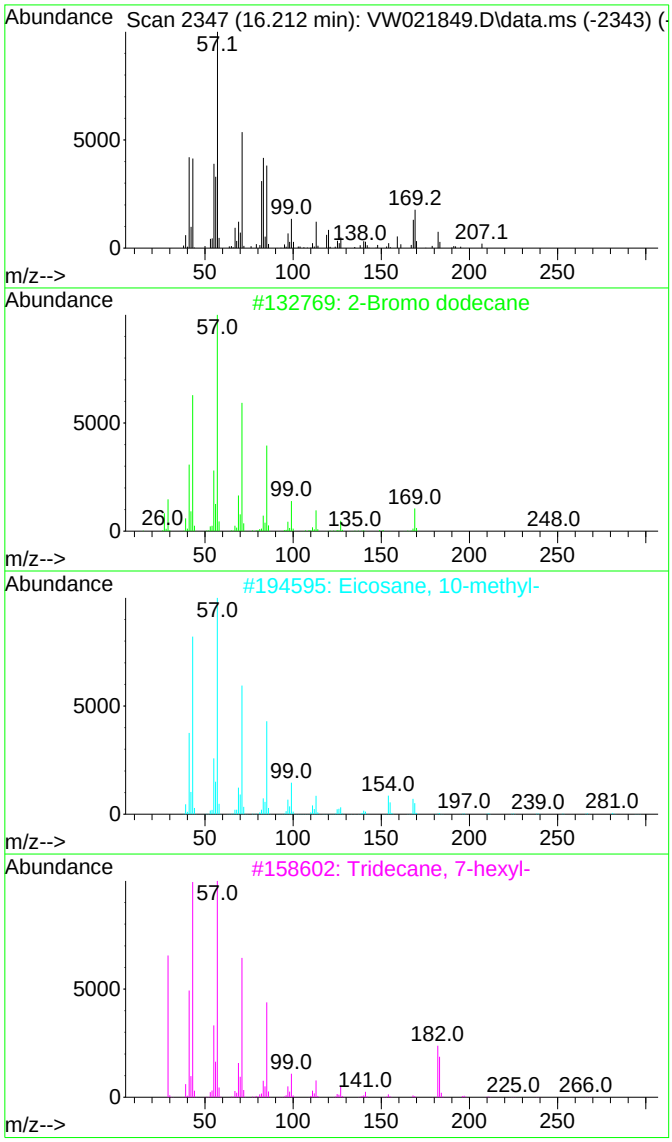
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

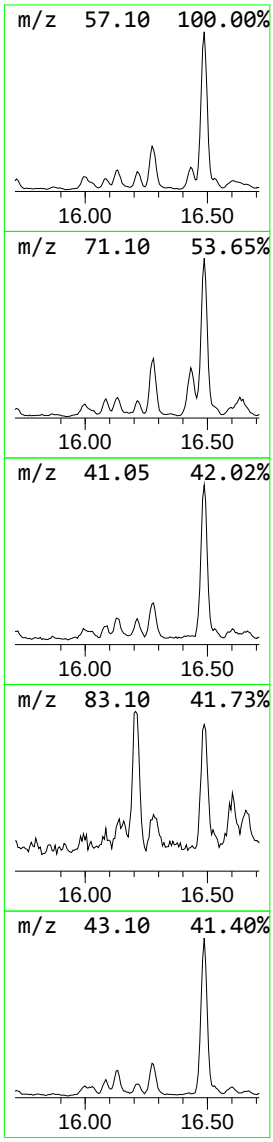
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	3.91 ug/L	91553	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	49
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	47
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	47
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

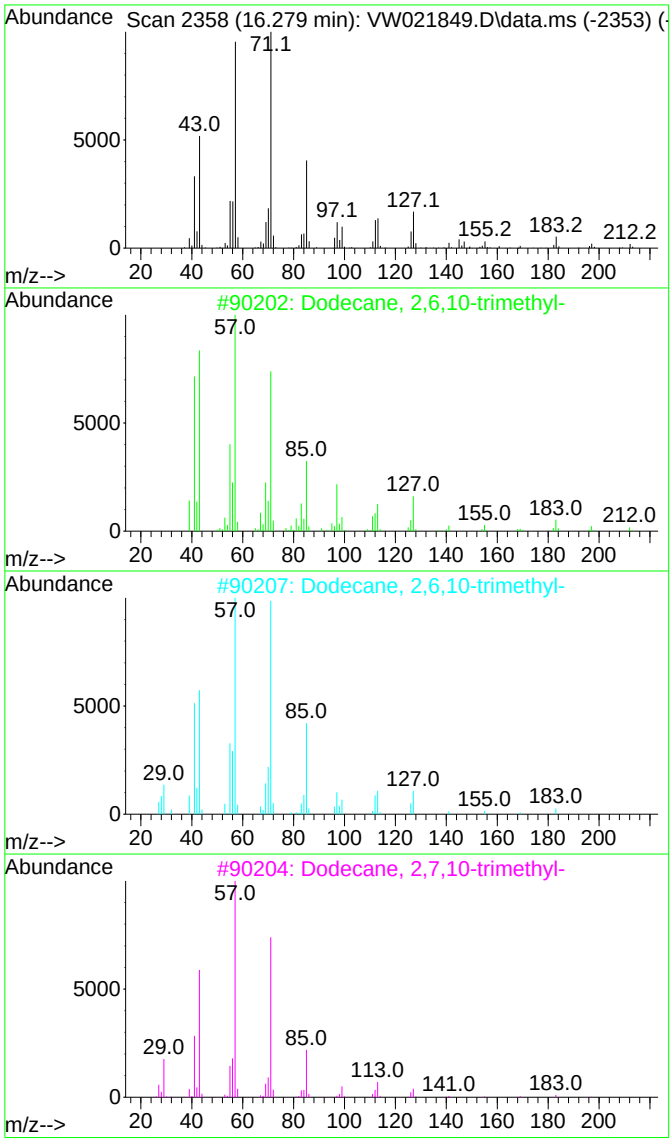
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

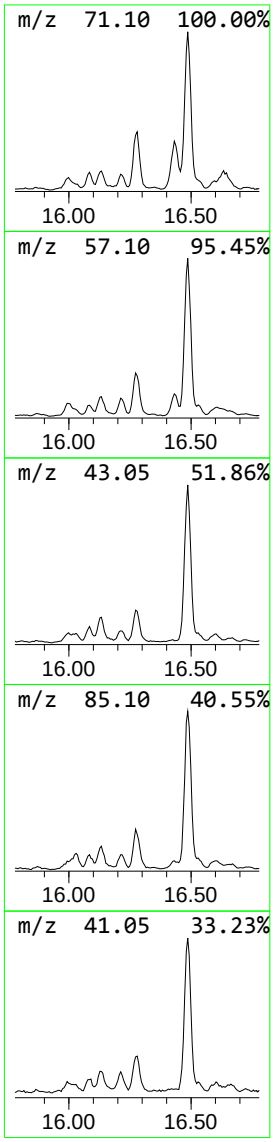
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	9.13 ug/L	214043	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

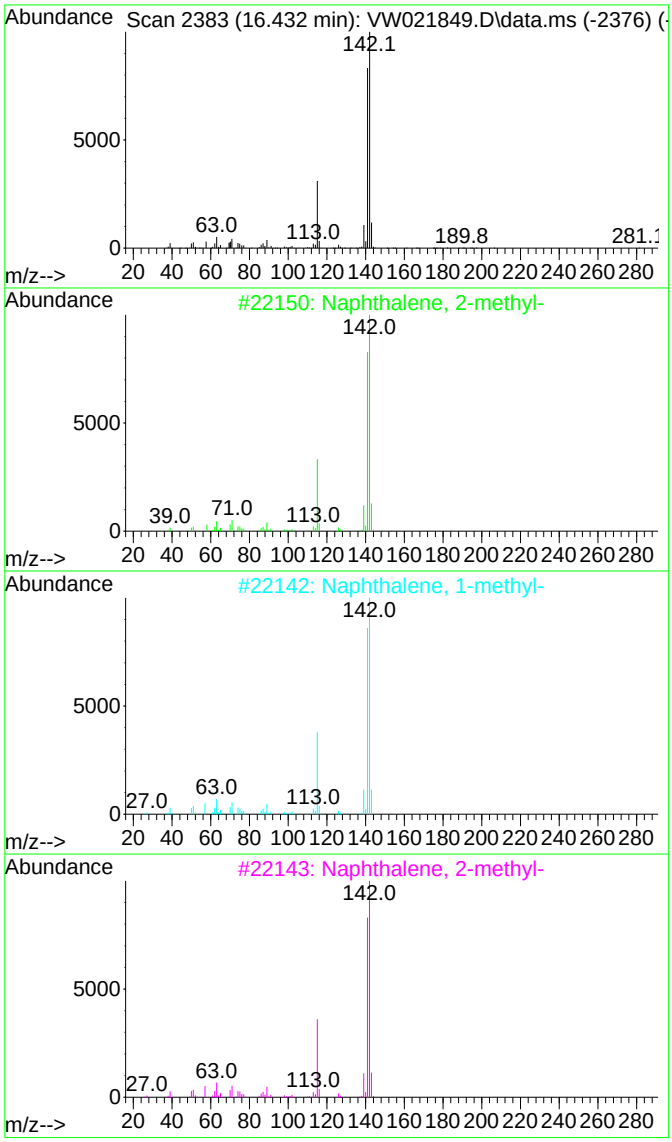
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

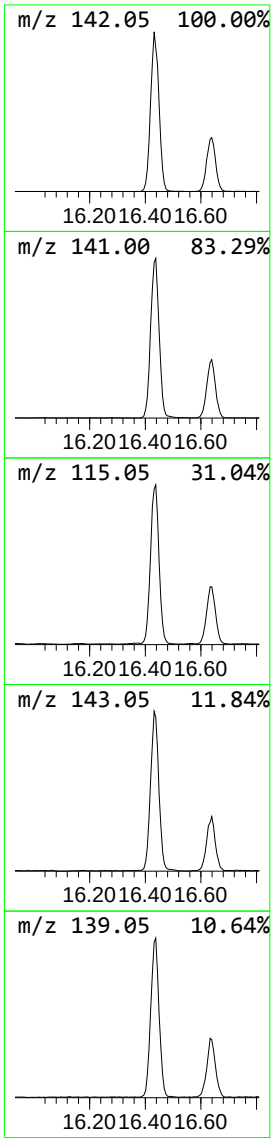
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	111.37 ug/L	2609820	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	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

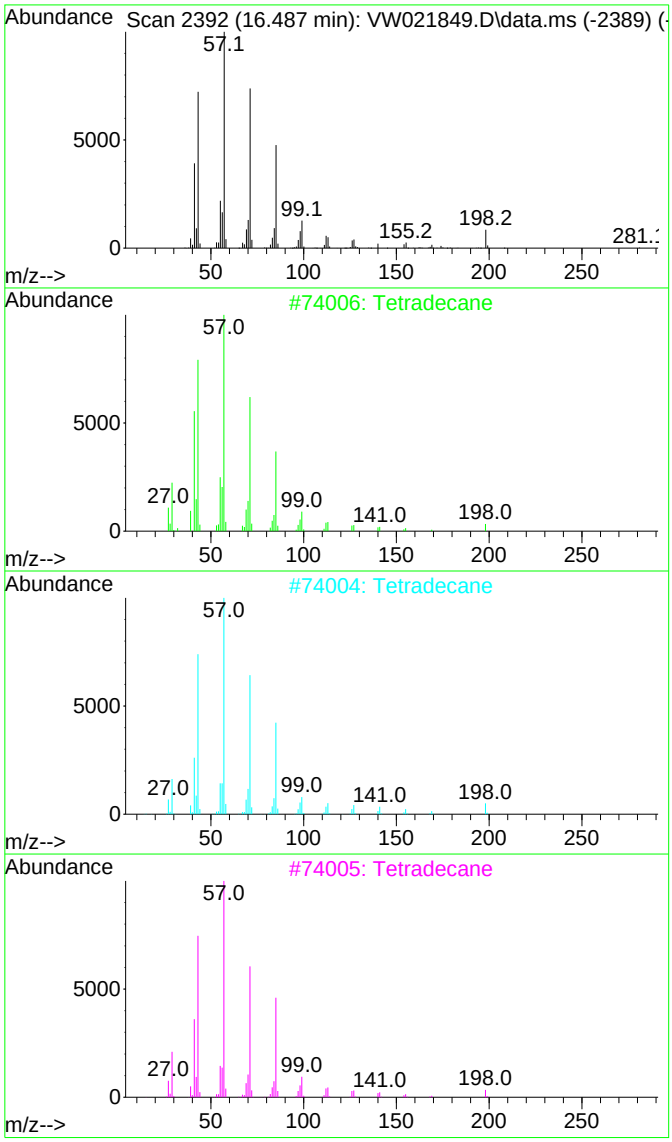
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

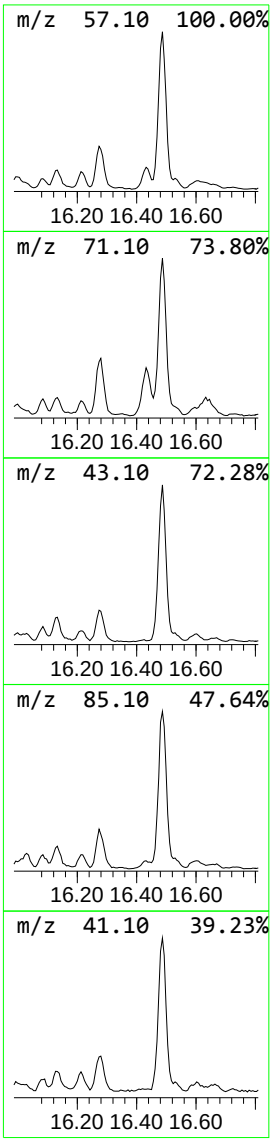
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	27.04 ug/L	633524	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tetradecane	198	C14H30	000629-59-4	97
3	Tetradecane	198	C14H30	000629-59-4	94
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

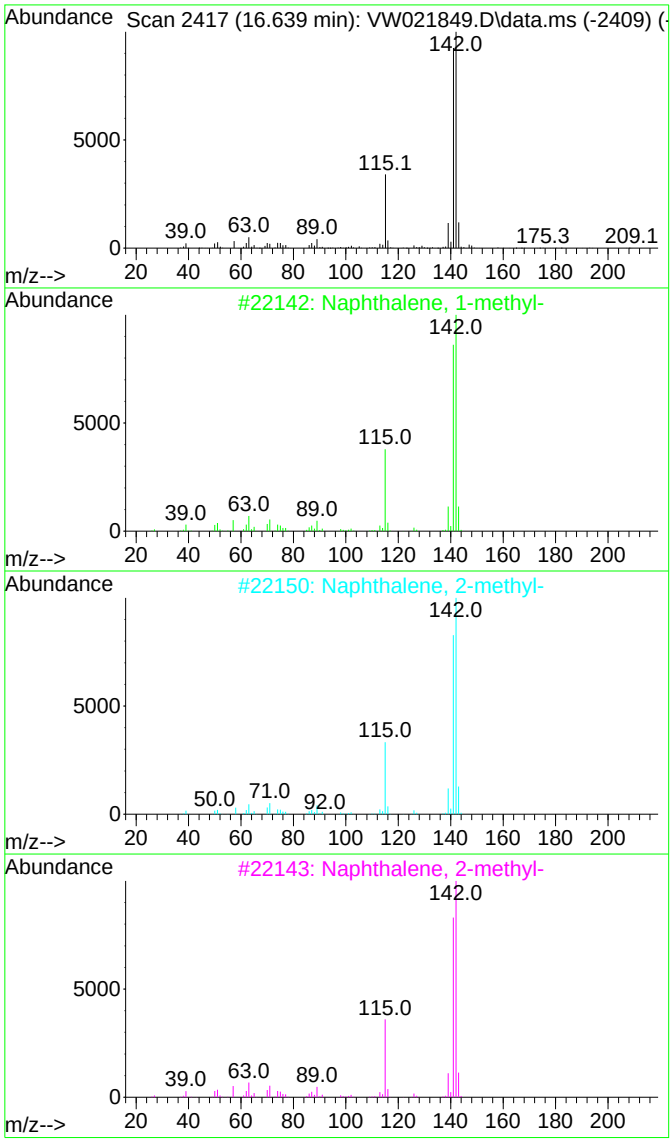
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

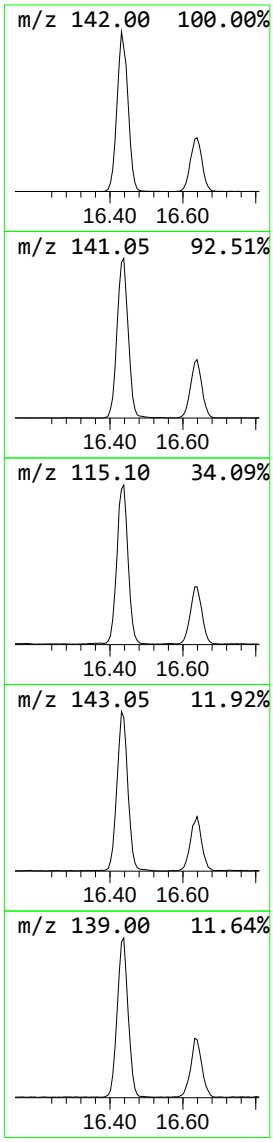
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	46.25 ug/L	1083810	1,4-Dichlorobenzene-d4	13.554

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021849.D
Acq On : 11 Jan 2022 22:08
Operator : SY/VA
Sample : VIBLK582
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK582

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	12.365	2.4	ug/L	39175	2	11.634	403585	25.0
Benzene, propyl-	12.798	1.7	ug/L	39434	3	13.554	585825	25.0
Benzene, 1-ethy...	12.865	3.9	ug/L	90746	3	13.554	585825	25.0
Benzene, 1-ethy...	13.103	3.6	ug/L	84929	3	13.554	585825	25.0
(DEL) Alkane: S...	13.164	3.4	ug/L	79064	3	13.554	585825	25.0
(DEL) Alkane: S...	13.481	2.3	ug/L	54943	3	13.554	585825	25.0
Benzene, 1-ethe...	13.755	4.7	ug/L	109763	3	13.554	585825	25.0
Indene	13.938	10.9	ug/L	255124	3	13.554	585825	25.0
Benzene, 1,2,3,...	14.036	3.9	ug/L	92260	3	13.554	585825	25.0
o-Cymene	14.200	3.5	ug/L	82355	3	13.554	585825	25.0
unknown-01	14.255	1.7	ug/L	39881	3	13.554	585825	25.0
unknown-02	14.341	2.5	ug/L	58589	3	13.554	585825	25.0
(DEL) Alkane: C...	14.383	3.8	ug/L	90082	3	13.554	585825	25.0
1,3-Cyclopentad...	14.420	4.0	ug/L	94631	3	13.554	585825	25.0
Benzene, 1,2,4,...	14.450	3.2	ug/L	75538	3	13.554	585825	25.0
unknown-03	14.493	3.5	ug/L	82893	3	13.554	585825	25.0
(DEL) Alkane: S...	14.719	11.2	ug/L	263370	3	13.554	585825	25.0
Benzene, 1,2,3,...	14.792	8.0	ug/L	188305	3	13.554	585825	25.0
Naphthalene, 1,...	14.950	1.8	ug/L	42561	3	13.554	585825	25.0
Benzene, 1,4-di...	15.060	3.0	ug/L	70254	3	13.554	585825	25.0
(DEL) Alkane: S...	15.243	2.8	ug/L	64772	3	13.554	585825	25.0
(DEL) Alkane: S...	15.316	4.5	ug/L	106303	3	13.554	585825	25.0
Azulene	15.359	53.5	ug/L	1253230	3	13.554	585825	25.0
(DEL) Alkane: S...	15.548	18.9	ug/L	443502	3	13.554	585825	25.0
(DEL) Alkane: S...	16.084	2.2	ug/L	51433	3	13.554	585825	25.0
(DEL) Alkane: S...	16.133	5.1	ug/L	119261	3	13.554	585825	25.0
unknown-04	16.212	3.9	ug/L	91553	3	13.554	585825	25.0
(DEL) Alkane: S...	16.279	9.1	ug/L	214043	3	13.554	585825	25.0
Naphthalene, 2-...	16.432	111.4	ug/L	2609820	3	13.554	585825	25.0
(DEL) Alkane: S...	16.486	27.0	ug/L	633524	3	13.554	585825	25.0
Naphthalene, 1-...	16.639	46.3	ug/L	1083810	3	13.554	585825	25.0