

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024168.D
 Acq On : 04 Aug 2022 18:18
 Operator : SY/VA
 Sample : VIBLK524
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK524

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: VW024168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.940	4	6	7	rBV2	1507	1169	0.01%	0.002%
2	2.001	12	16	24	rVB2	7454	13244	0.17%	0.026%
3	2.251	46	57	58	rBV9	13012	36062	0.45%	0.071%
4	2.343	66	72	81	rBV	215287	369465	4.66%	0.729%
5	2.642	115	121	133	rVB	12042	37066	0.47%	0.073%
6	2.873	153	159	167	rBV	103935	221522	2.79%	0.437%
7	3.367	236	240	252	rVB3	25794	66973	0.84%	0.132%
8	3.550	264	270	272	rBV4	1862	3156	0.04%	0.006%
9	3.599	277	278	282	rVB4	1421	1461	0.02%	0.003%
10	3.708	294	296	300	rVB5	1755	1797	0.02%	0.004%
11	3.873	320	323	324	rBV2	1196	1213	0.02%	0.002%
12	4.007	333	345	359	rBV	205836	652934	8.23%	1.288%
13	4.123	361	364	367	rVB2	2504	2828	0.04%	0.006%
14	4.410	401	411	421	rVV3	7473	23056	0.29%	0.045%
15	4.495	423	425	430	rVB4	1392	1540	0.02%	0.003%
16	4.623	443	446	449	rVB5	962	1379	0.02%	0.003%
17	4.916	480	494	509	rBV2	50575	183875	2.32%	0.363%
18	5.117	515	527	543	rBV	11454	42239	0.53%	0.083%
19	5.239	546	547	552	rVB3	1118	1207	0.02%	0.002%
20	5.403	567	574	577	rBV7	1043	2541	0.03%	0.005%
21	5.739	622	629	634	rBV7	4466	10993	0.14%	0.022%
22	5.775	634	635	639	rVB4	2204	1729	0.02%	0.003%
23	5.934	650	661	672	rBV2	24281	74925	0.94%	0.148%
24	6.092	684	687	690	rBV4	1196	1170	0.01%	0.002%
25	6.306	719	722	724	rBV4	963	1256	0.02%	0.002%
26	6.549	761	762	765	rBV3	1407	1516	0.02%	0.003%
27	6.775	798	799	803	rBV3	1025	1284	0.02%	0.003%
28	6.812	803	805	809	rVB4	1080	1188	0.01%	0.002%
29	6.909	818	821	824	rBV5	877	1294	0.02%	0.003%
30	7.080	841	849	853	rBV	48298	122956	1.55%	0.243%
31	7.147	853	860	873	rVV	144503	415637	5.24%	0.820%
32	7.568	927	929	931	rBV3	1277	1248	0.02%	0.002%
33	7.647	932	942	952	rVV	274136	666680	8.40%	1.316%
34	7.757	957	960	963	rBV5	1209	1580	0.02%	0.003%
35	7.872	976	979	983	rBV6	1615	3251	0.04%	0.006%
36	7.933	986	989	990	rBV3	2343	2346	0.03%	0.005%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024168.D
 Acq On : 04 Aug 2022 18:18
 Operator : SY/VA
 Sample : VIBLK524
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK524

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	8.269	1032	1044	1061	rBV3	624829	2015729	25.41%	3.978%
38	8.641	1103	1105	1107	rVB3	3218	2559	0.03%	0.005%
39	8.671	1108	1110	1111	rBV2	2577	1925	0.02%	0.004%
40	8.842	1128	1138	1147	rBV	573420	1140307	14.37%	2.250%
41	9.275	1201	1209	1219	rBV	368118	756532	9.54%	1.493%
42	10.031	1327	1333	1343	rBV	207252	369950	4.66%	0.730%
43	10.323	1374	1381	1389	rBV	828582	1471781	18.55%	2.904%
44	10.579	1417	1423	1430	rBV	135734	237712	3.00%	0.469%
45	10.701	1437	1443	1451	rBV2	89221	165860	2.09%	0.327%
46	10.921	1474	1479	1485	rBV	222901	416514	5.25%	0.822%
47	11.061	1498	1502	1511	rVB	100270	187212	2.36%	0.369%
48	11.164	1517	1519	1520	rBV2	23483	18161	0.23%	0.036%
49	11.433	1560	1563	1571	rVB3	85045	157671	1.99%	0.311%
50	11.628	1589	1595	1604	rVB	844986	1419747	17.90%	2.802%
51	11.835	1626	1629	1633	rBV3	24059	34481	0.43%	0.068%
52	12.372	1707	1717	1719	rBV	121222	329248	4.15%	0.650%
53	12.603	1751	1755	1763	rVB2	65138	125817	1.59%	0.248%
54	12.689	1764	1769	1775	rBV	298243	486562	6.13%	0.960%
55	12.841	1781	1794	1796	rBV4	223854	763484	9.62%	1.507%
56	13.158	1843	1846	1851	rBV3	20899	29681	0.37%	0.059%
57	13.280	1853	1866	1878	rVV3	284211	1326552	16.72%	2.618%
58	13.432	1880	1891	1902	rVV4	192702	855283	10.78%	1.688%
59	13.554	1905	1911	1919	rVV	999682	1640995	20.69%	3.238%
60	13.621	1919	1922	1931	rVB5	42352	69203	0.87%	0.137%
61	13.743	1939	1942	1946	rBV	24247	30251	0.38%	0.060%
62	13.786	1946	1949	1953	rVB2	22269	28635	0.36%	0.057%
63	13.853	1953	1960	1967	rBV2	863566	1920492	24.21%	3.790%
64	13.920	1967	1971	1979	rVV7	65555	215980	2.72%	0.426%
65	14.030	1983	1989	1995	rVV4	64771	160815	2.03%	0.317%
66	14.091	1996	1999	2003	rVB	61069	84022	1.06%	0.166%
67	14.127	2003	2005	2010	rVB3	43661	53817	0.68%	0.106%
68	14.194	2012	2016	2021	rBV4	62216	105075	1.32%	0.207%
69	14.268	2022	2028	2033	rBV7	37462	95923	1.21%	0.189%
70	14.347	2035	2041	2043	rBV4	76073	151470	1.91%	0.299%
71	14.383	2043	2047	2050	rVV2	154535	247635	3.12%	0.489%
72	14.420	2050	2053	2056	rVV3	126178	190691	2.40%	0.376%
73	14.450	2056	2058	2062	rVB	91041	103393	1.30%	0.204%
74	14.493	2062	2065	2068	rBV2	100901	123604	1.56%	0.244%
75	14.542	2069	2073	2079	rVB6	89959	174592	2.20%	0.345%
76	14.597	2079	2082	2085	rBV5	19354	25380	0.32%	0.050%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024168.D
 Acq On : 04 Aug 2022 18:18
 Operator : SY/VA
 Sample : VIBLK524
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK524

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	14.639	2085	2089	2093	rVB4	38847	59256	0.75%	0.117%
78	14.719	2093	2102	2108	rBV	1016759	1490905	18.79%	2.942%
79	14.786	2108	2113	2117	rBV3	268552	506420	6.38%	0.999%
80	14.835	2117	2121	2128	rVB2	318621	621212	7.83%	1.226%
81	14.956	2136	2141	2146	rVB	198537	337859	4.26%	0.667%
82	15.060	2154	2158	2162	rBV3	77167	122120	1.54%	0.241%
83	15.164	2169	2175	2178	rBV6	131542	293407	3.70%	0.579%
84	15.243	2184	2188	2195	rVB5	275292	553624	6.98%	1.092%
85	15.316	2195	2200	2204	rBV	687003	1179256	14.86%	2.327%
86	15.359	2204	2207	2212	rVV	244507	423151	5.33%	0.835%
87	15.414	2213	2216	2221	rVB2	118125	197694	2.49%	0.390%
88	15.548	2232	2238	2247	rVB	2414691	3850123	48.53%	7.597%
89	15.651	2247	2255	2261	rBV6	219320	698339	8.80%	1.378%
90	15.719	2262	2266	2273	rVB	243606	450530	5.68%	0.889%
91	15.859	2285	2289	2294	rVB3	301008	489153	6.17%	0.965%
92	15.999	2307	2312	2314	rBV3	223913	374586	4.72%	0.739%
93	16.084	2321	2326	2329	rBV2	290666	445951	5.62%	0.880%
94	16.133	2329	2334	2337	rBV	454748	801086	10.10%	1.581%
95	16.212	2343	2347	2352	rVB2	440574	758285	9.56%	1.496%
96	16.279	2352	2358	2365	rVB	1242178	2264244	28.54%	4.468%
97	16.365	2366	2372	2377	rBV2	336904	757696	9.55%	1.495%
98	16.432	2377	2383	2387	rBV	1200766	2331509	29.39%	4.601%
99	16.487	2387	2392	2398	rVB	4628321	7933111	100.00%	15.654%
100	16.639	2405	2417	2429	rBV5	798406	3028404	38.17%	5.976%

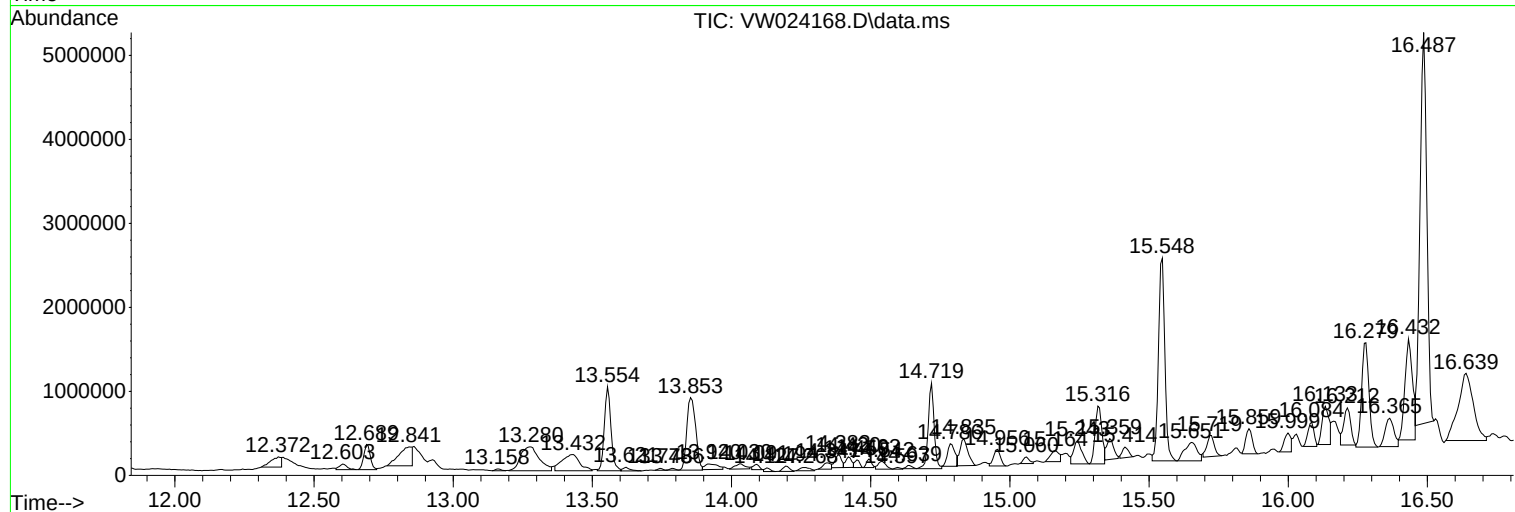
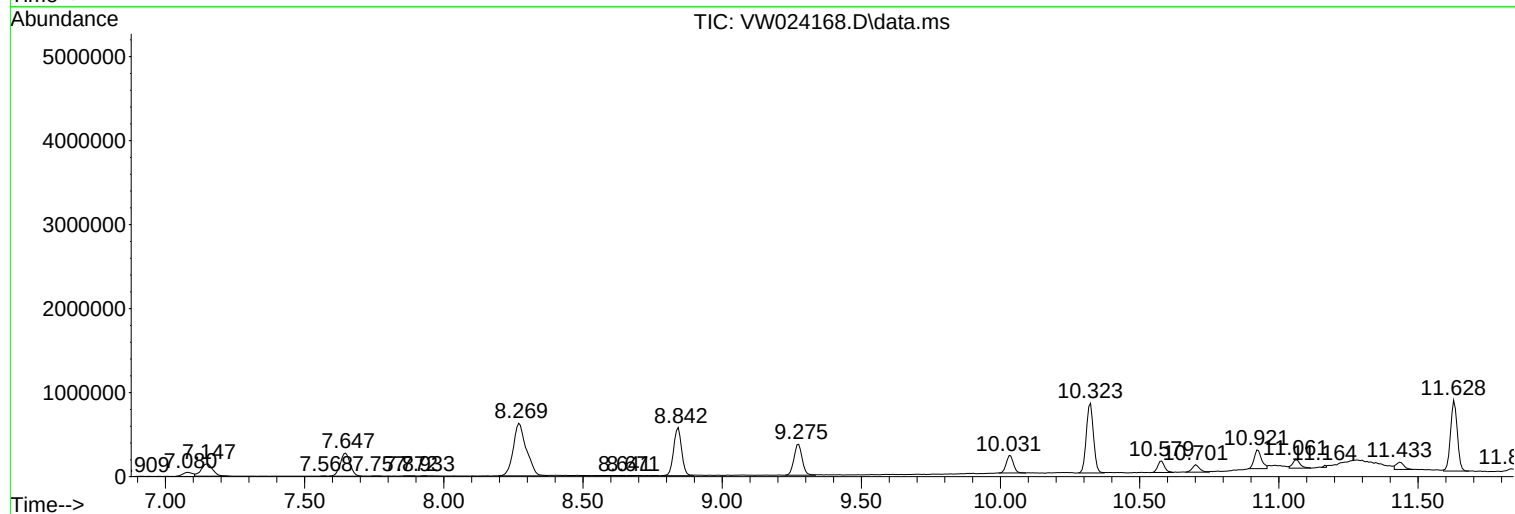
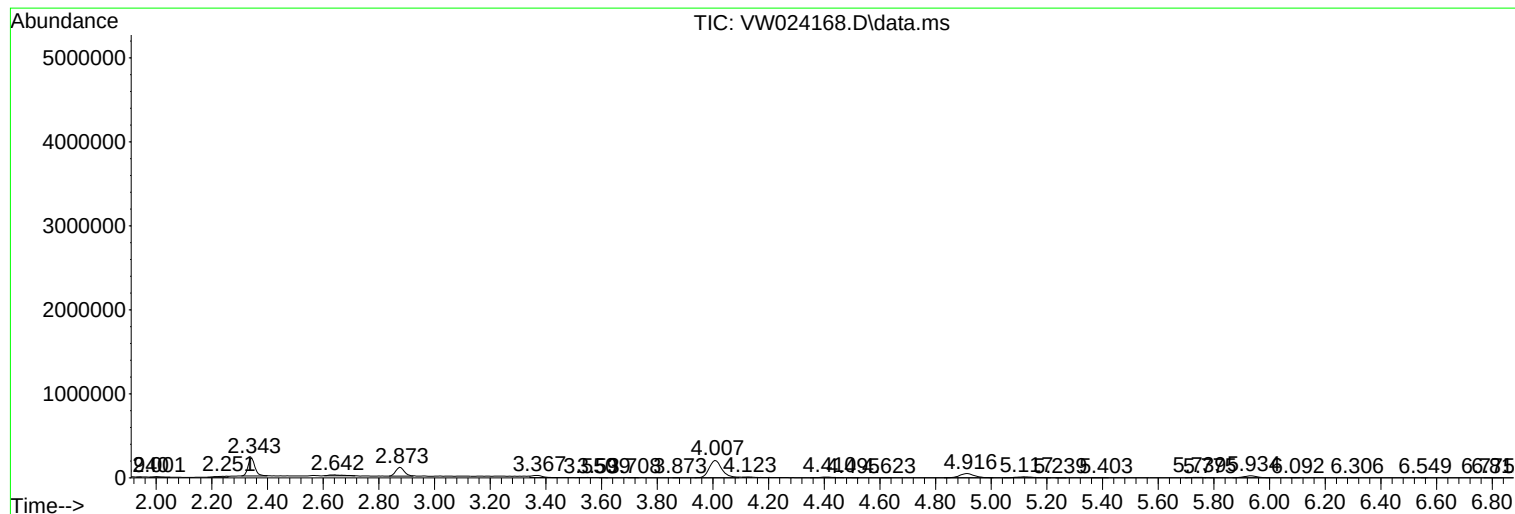
Sum of corrected areas: 50676442

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

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 : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

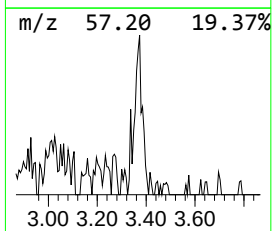
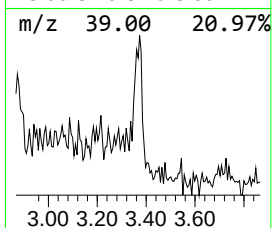
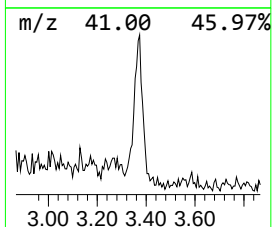
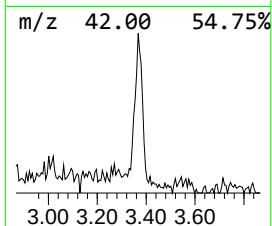
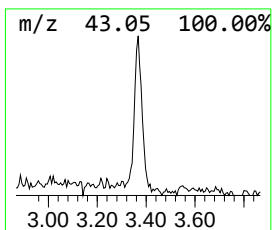
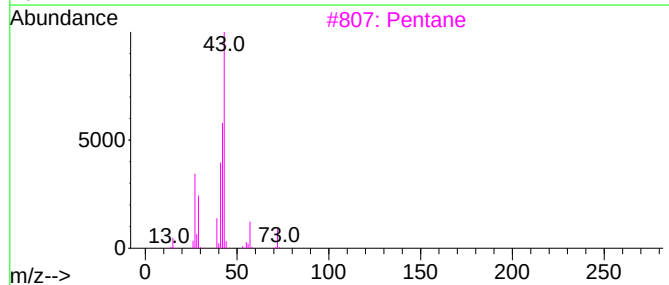
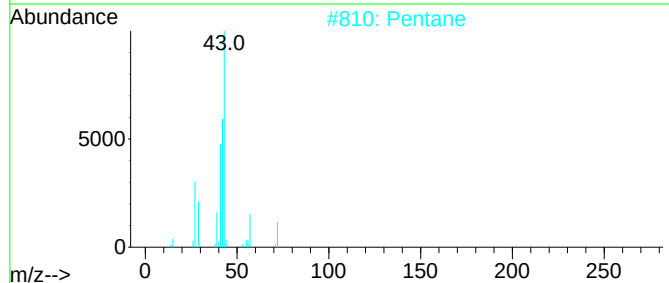
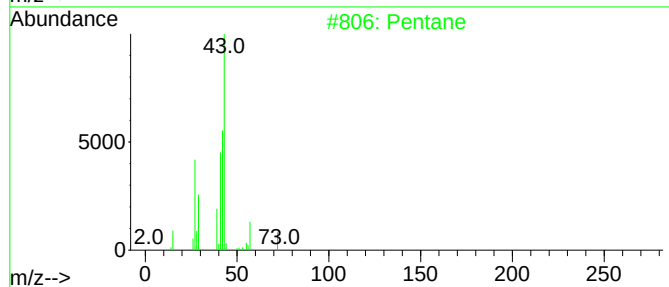
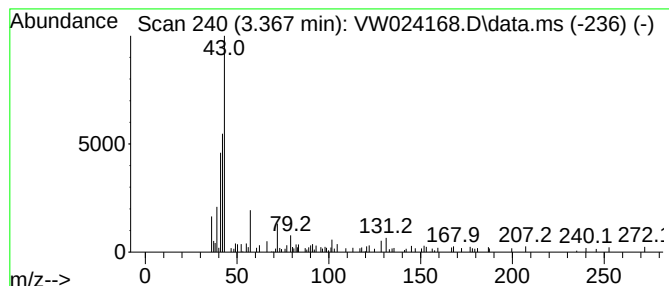
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.367	1.47 ug/L	66973	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	52
2	Pentane			72	C5H12	000109-66-0	52
3	Pentane			72	C5H12	000109-66-0	50
4	Pentane			72	C5H12	000109-66-0	50
5	Pentane			72	C5H12	000109-66-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

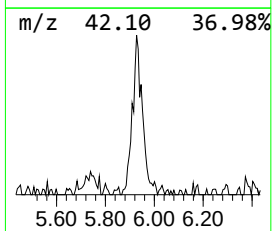
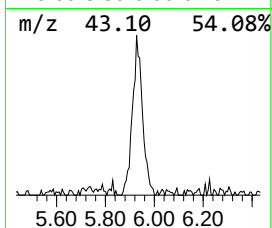
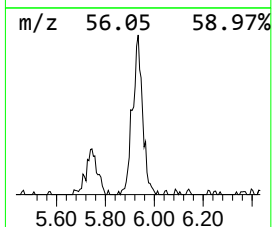
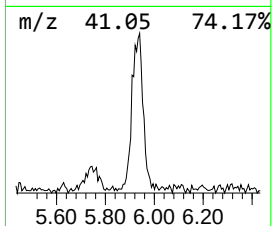
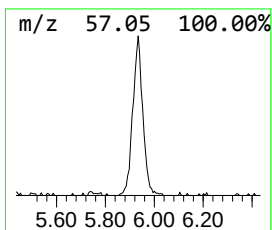
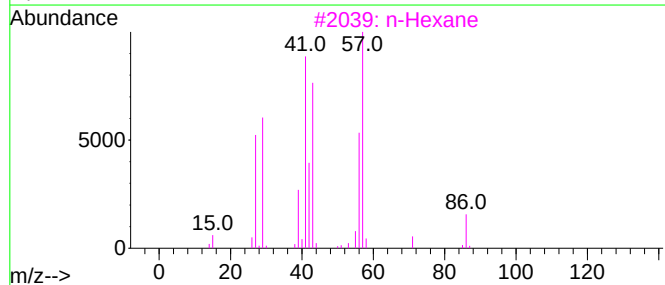
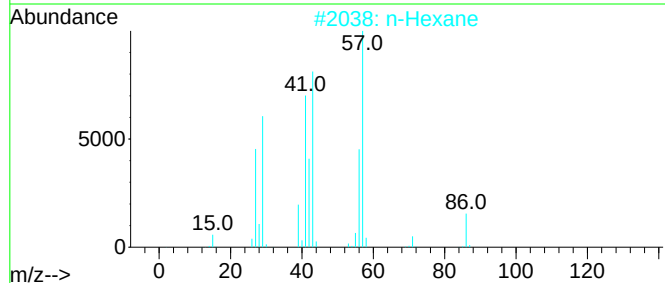
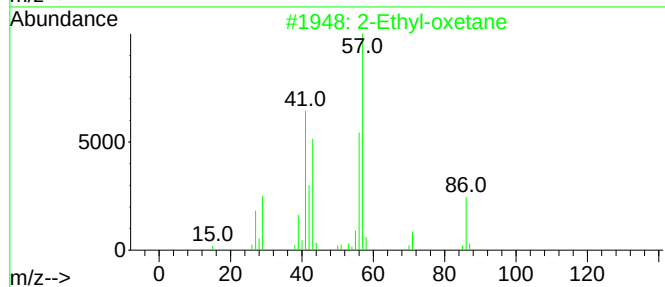
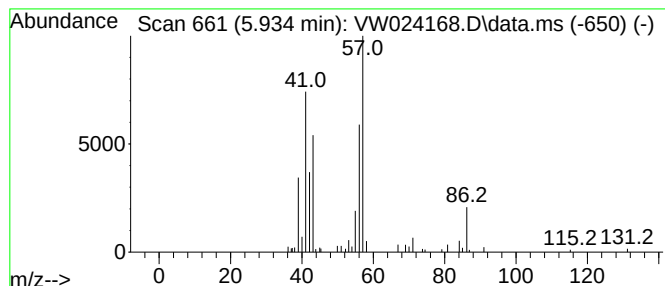
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 2-Ethyl-oxetane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	1.64 ug/L	74925	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	72
3			n-Hexane	86	C6H14	000110-54-3	64
4			n-Hexane	86	C6H14	000110-54-3	47
5			n-Hexane	86	C6H14	000110-54-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

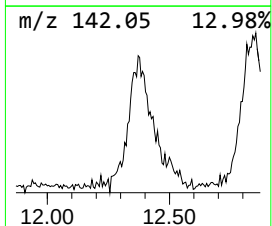
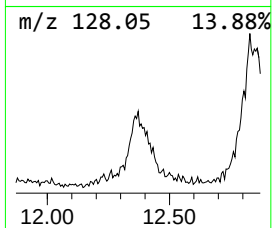
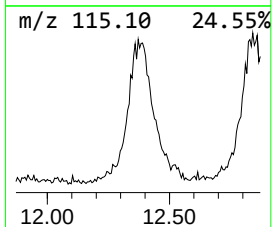
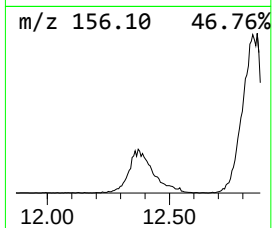
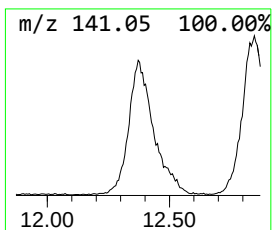
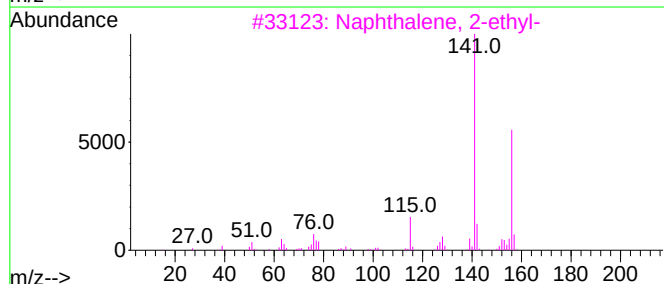
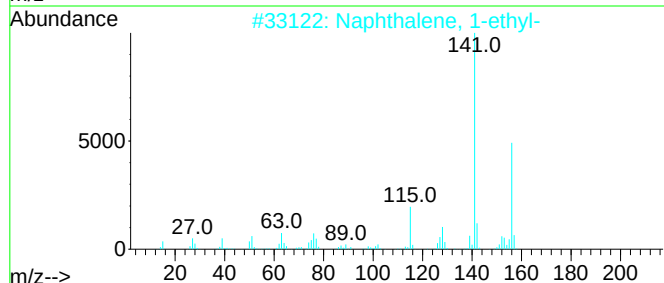
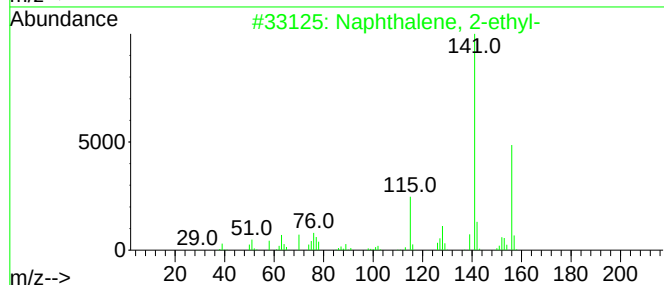
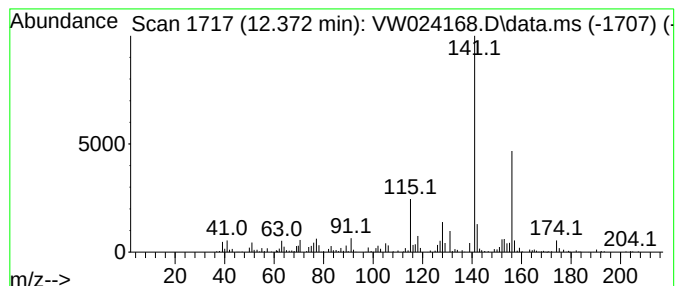
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.371	5.80 ug/L	329248	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

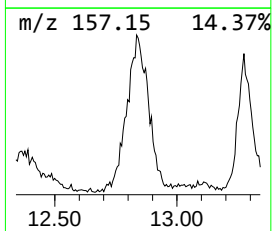
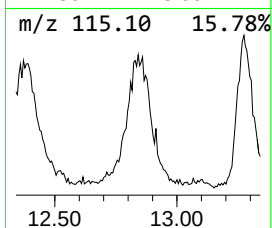
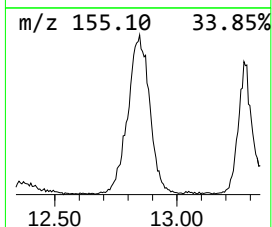
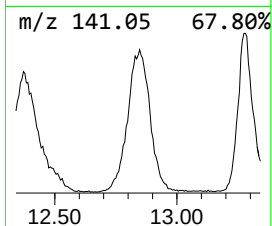
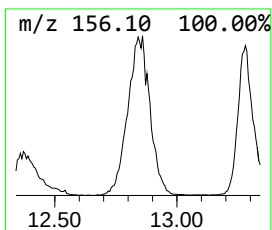
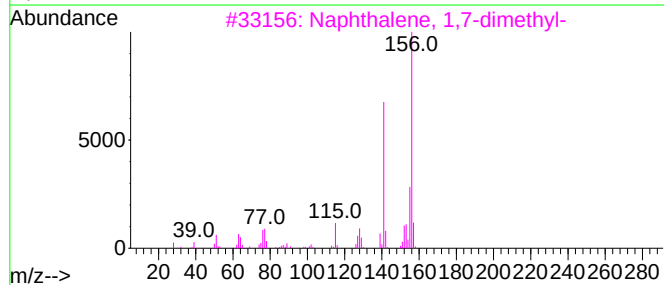
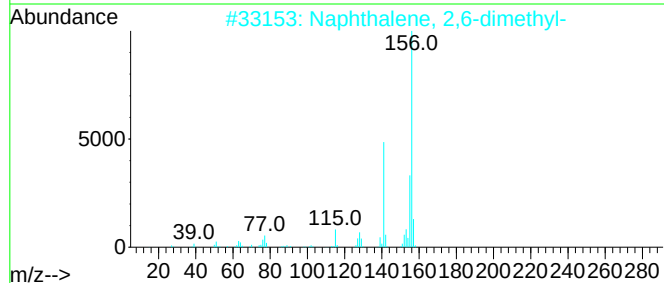
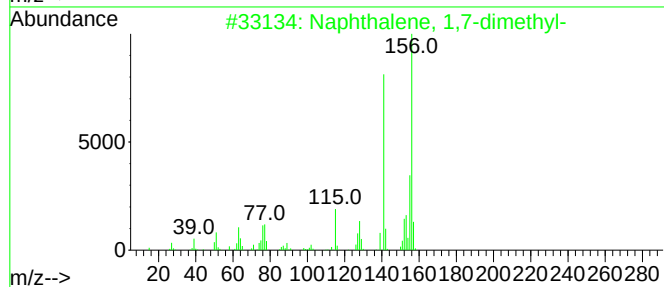
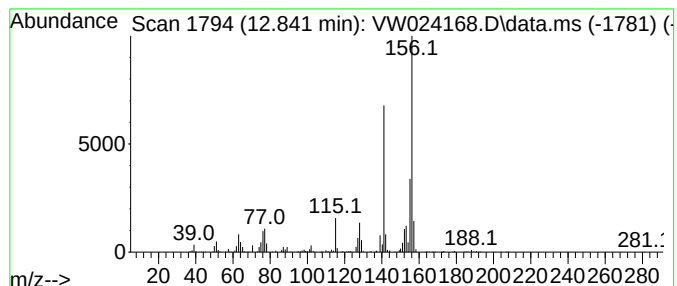
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	11.63 ug/L	763484	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

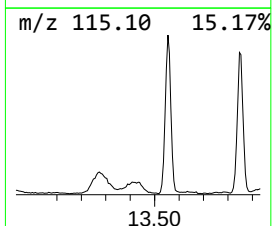
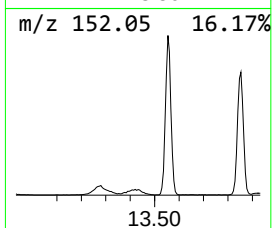
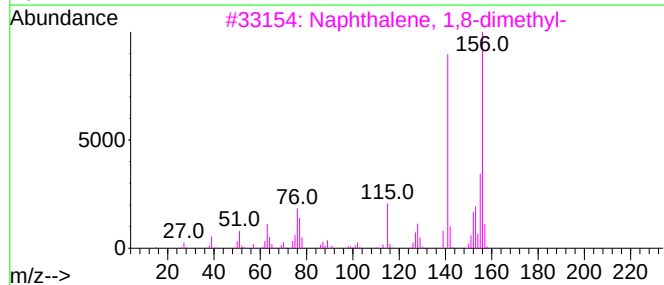
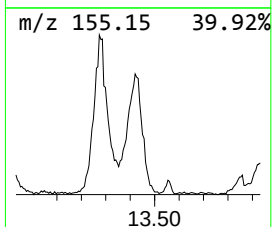
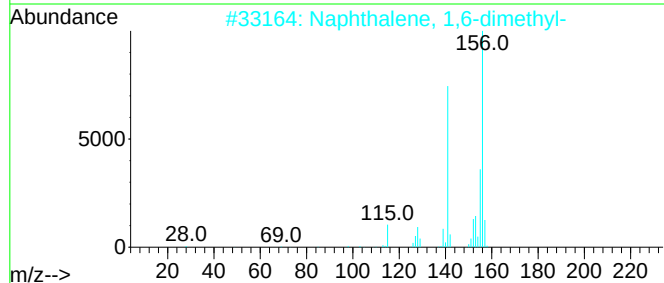
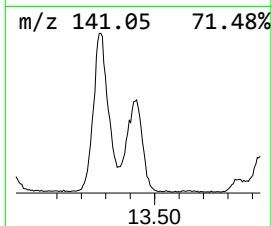
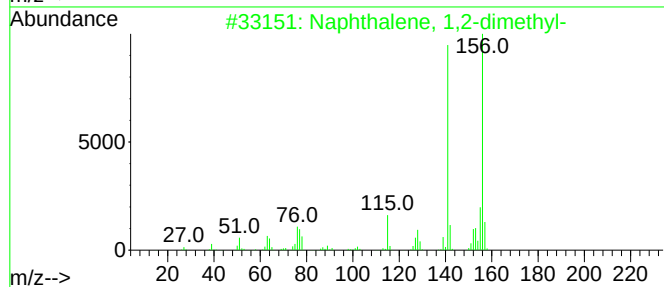
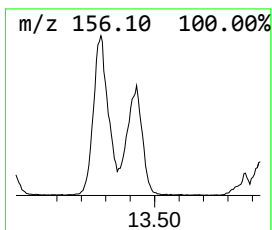
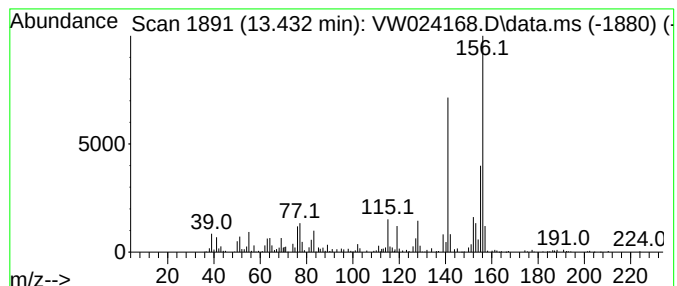
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	13.03 ug/L	855283	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

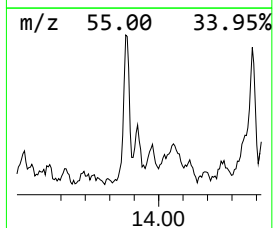
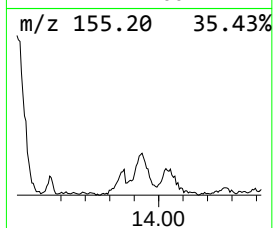
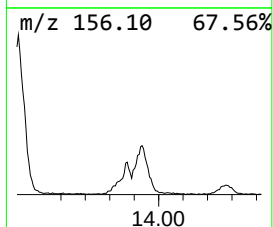
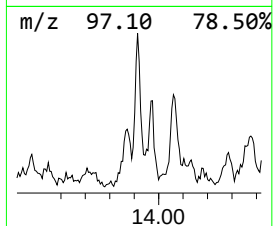
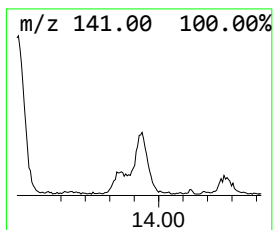
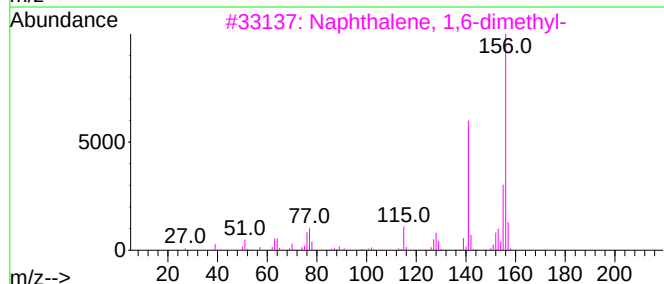
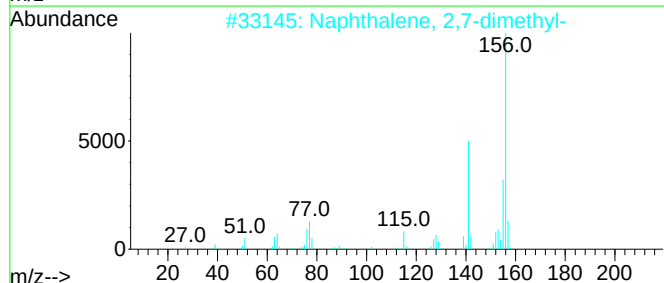
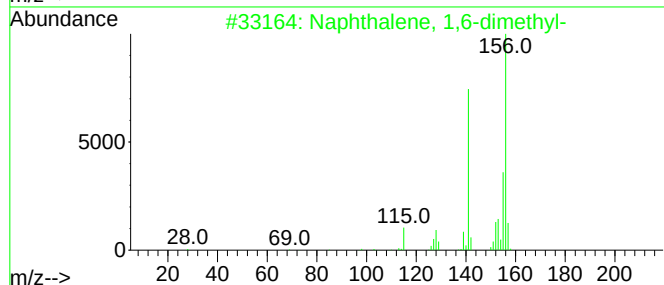
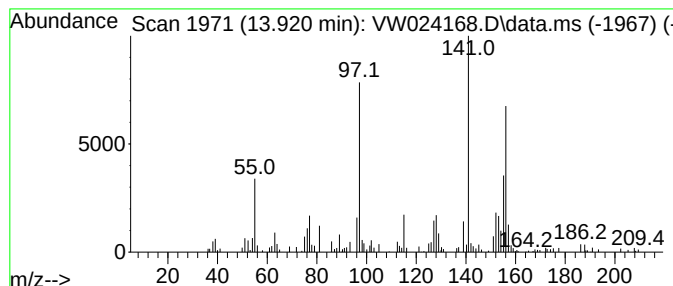
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	3.29 ug/L	215980	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

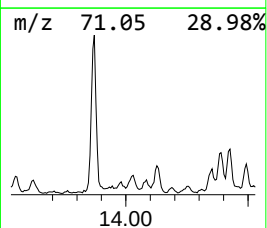
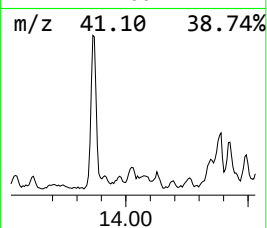
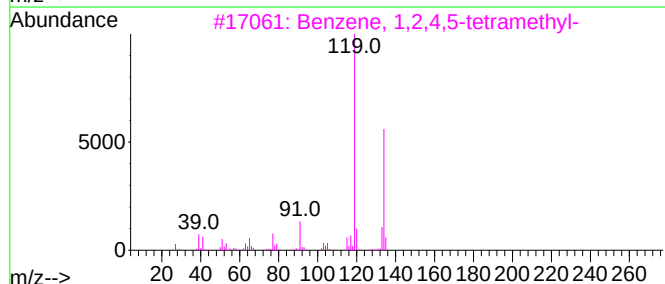
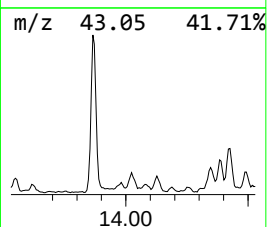
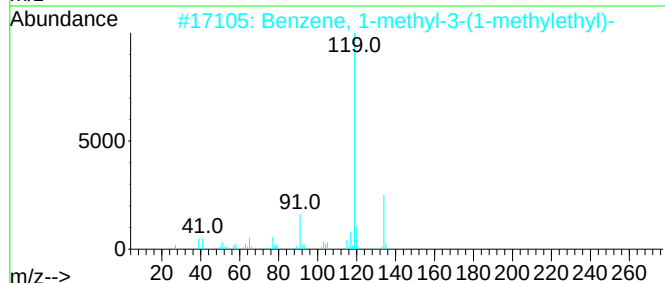
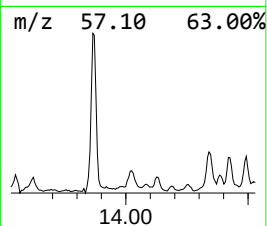
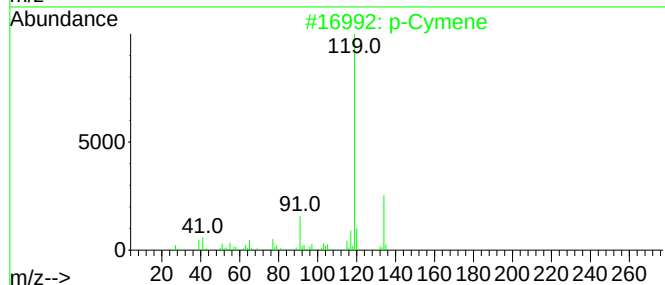
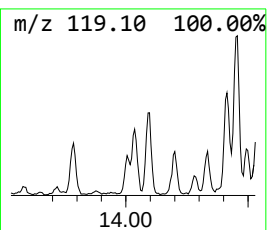
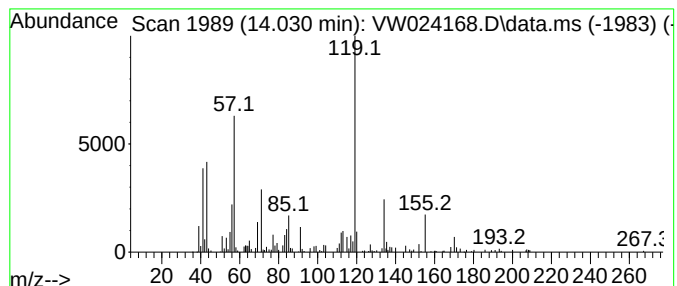
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 p-Cymene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	2.45 ug/L	160815	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	60
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4			o-Cymene	134	C10H14	000527-84-4	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

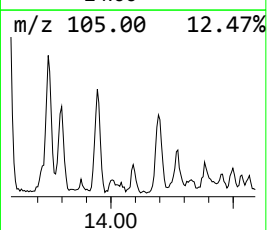
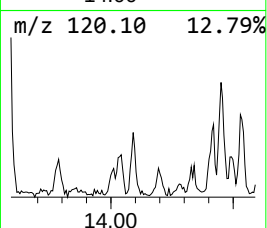
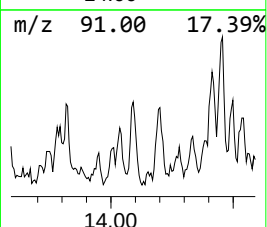
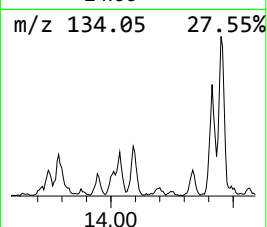
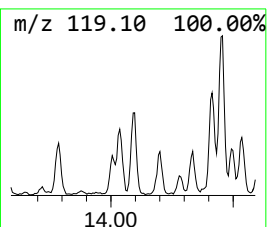
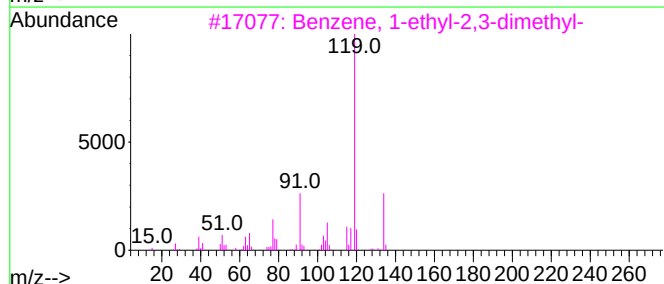
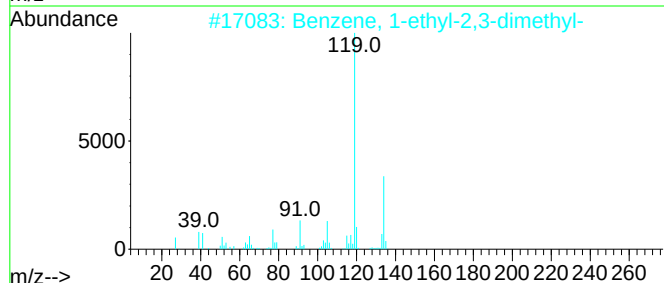
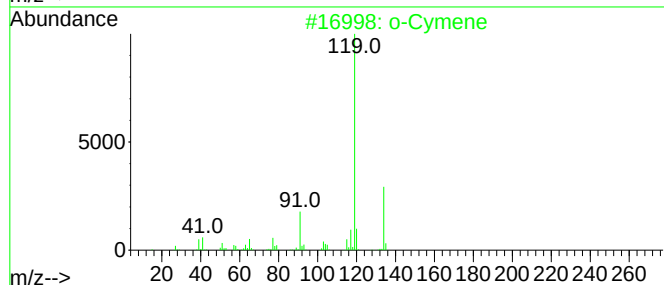
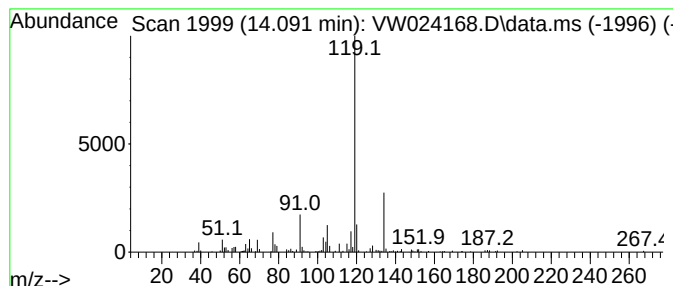
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.28 ug/L	84022	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			p-Cymene	134	C10H14	000099-87-6	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

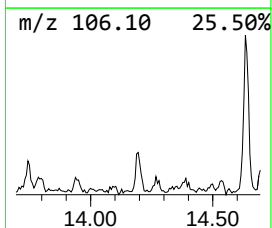
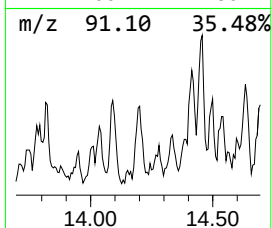
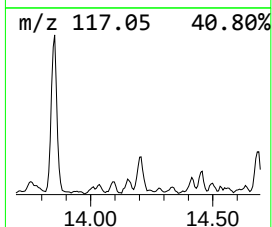
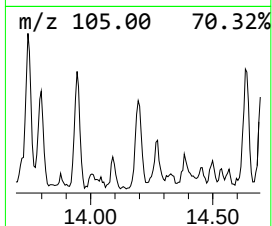
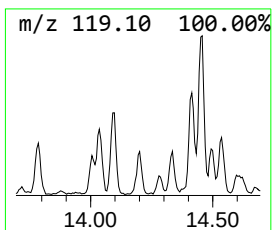
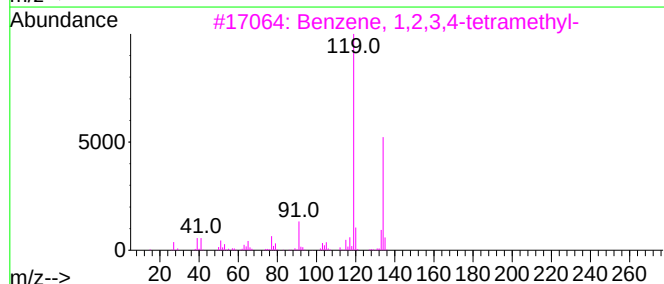
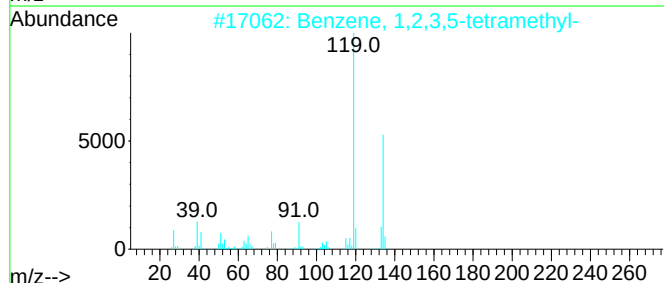
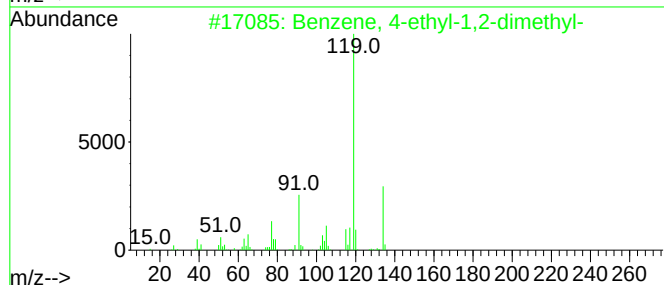
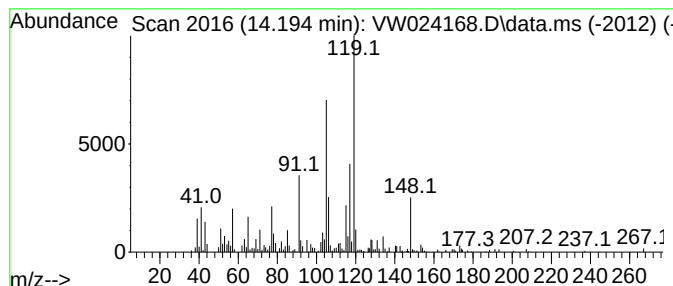
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	1.60 ug/L	105075	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	49
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
4			o-Cymene	134	C10H14	000527-84-4	43
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

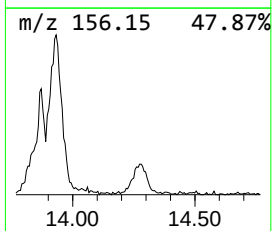
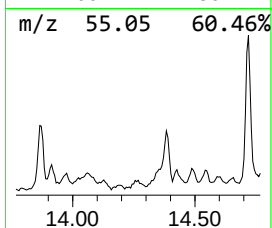
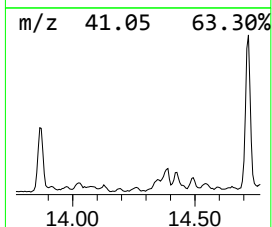
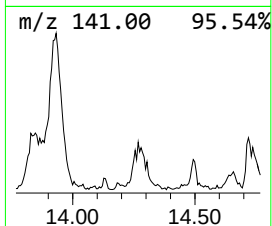
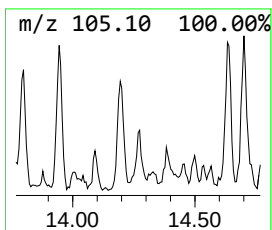
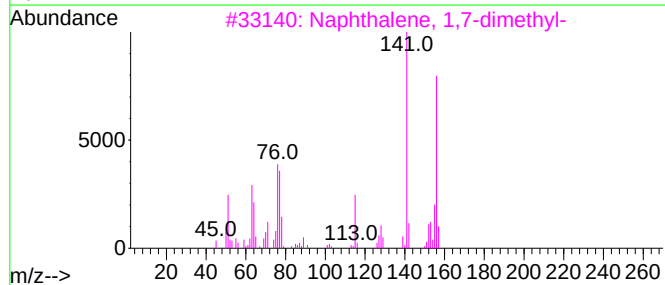
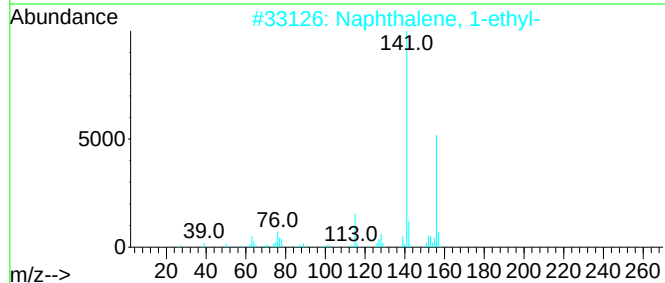
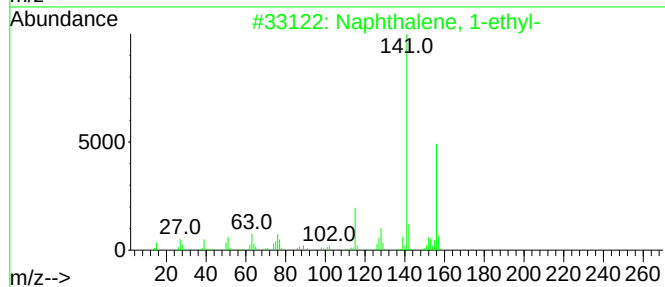
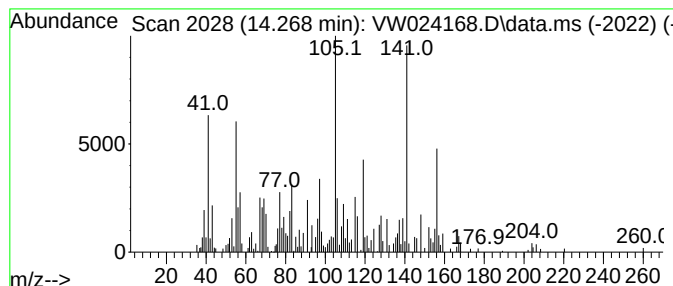
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	1.46 ug/L	95923	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	43
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	38
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	38
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

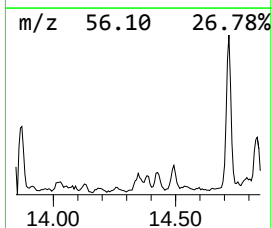
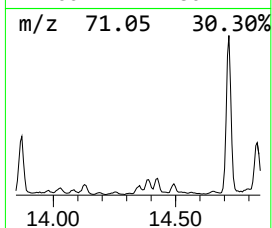
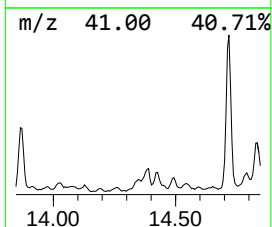
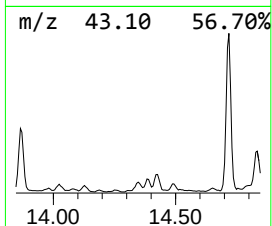
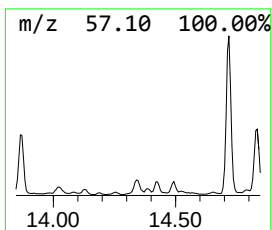
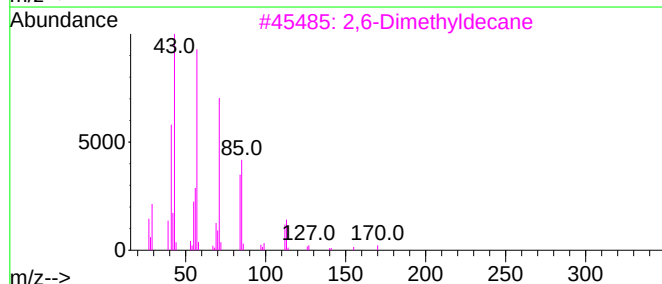
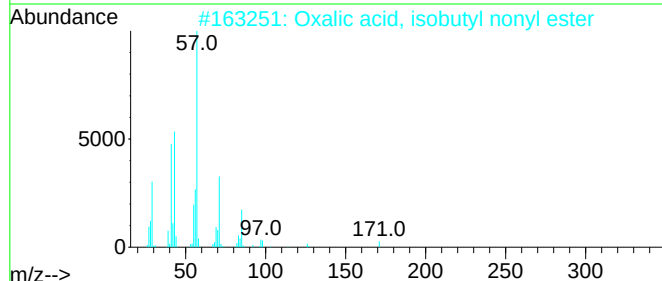
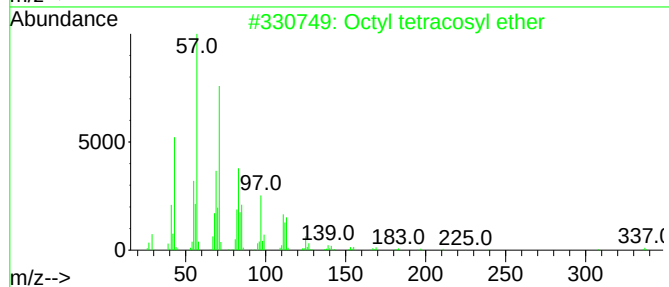
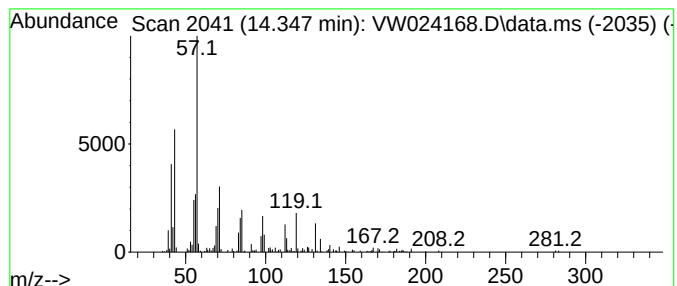
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 Octyl tetraicosyl ether Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	2.31 ug/L	151470	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octyl tetraicosyl ether	467	C32H66O	1000406-39-0	53
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	49
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	43
4			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
5			Nonane, 4-methyl-	142	C10H22	017301-94-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

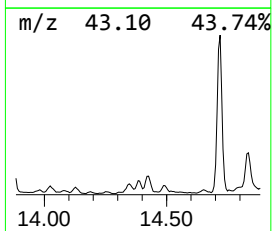
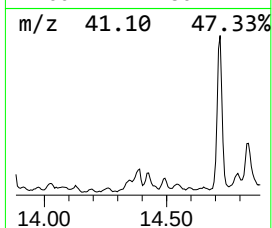
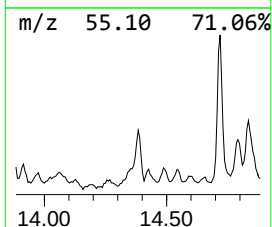
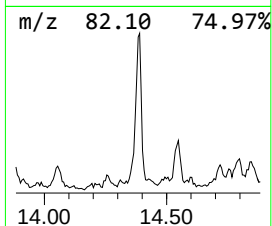
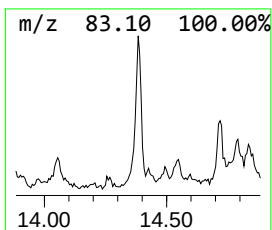
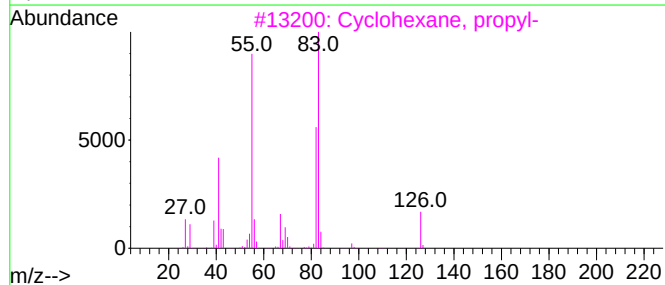
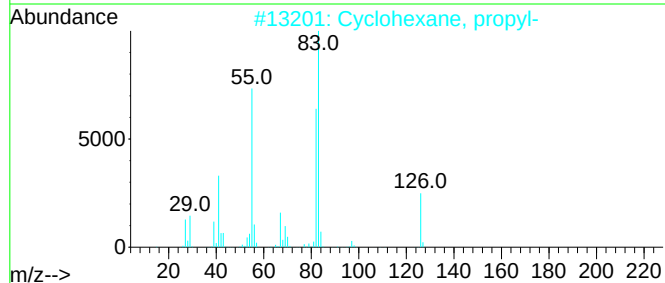
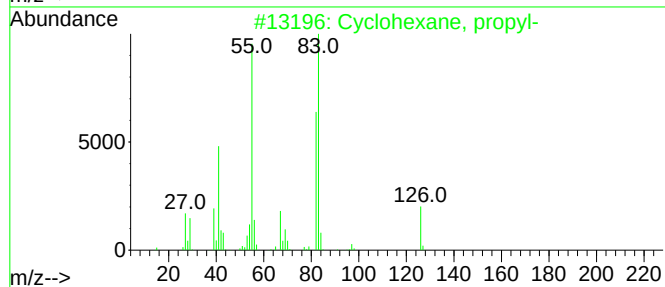
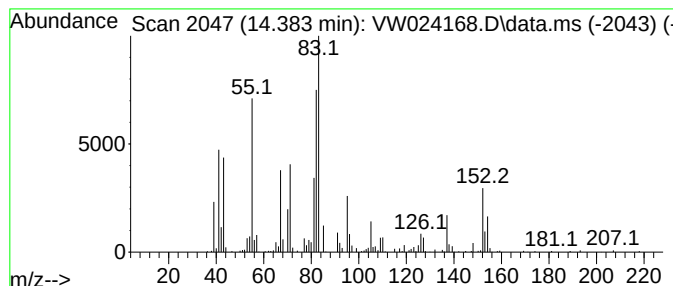
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic14.383 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.77 ug/L	247635	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	43
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

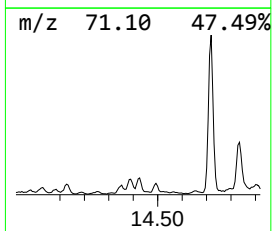
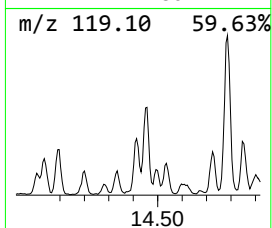
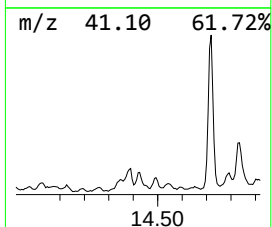
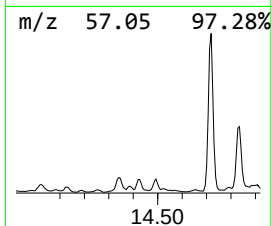
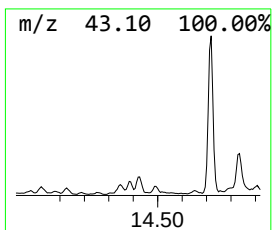
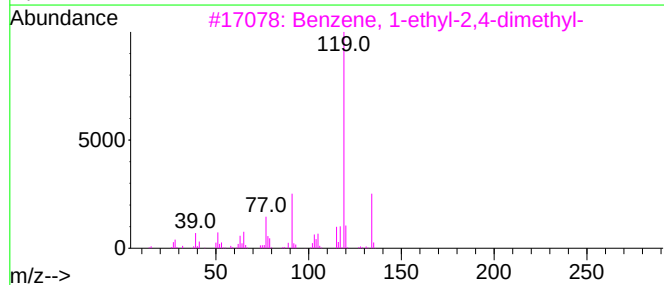
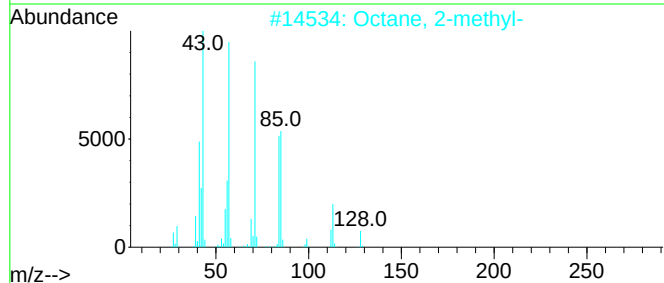
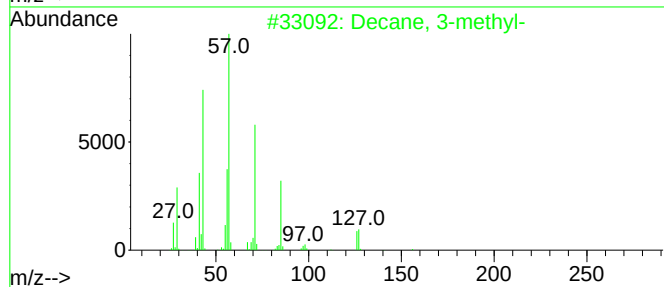
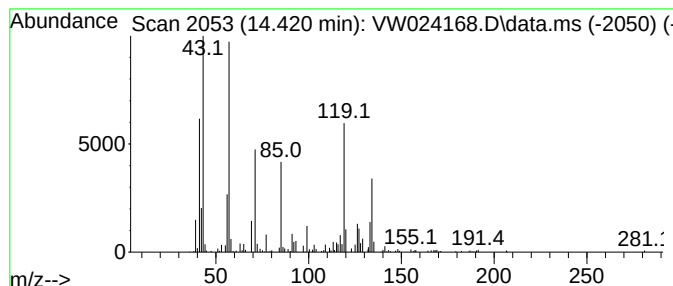
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	2.91 ug/L	190691	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	41
2			Octane, 2-methyl-	128	C9H20	003221-61-2	38
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

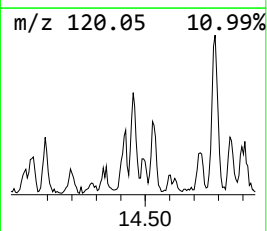
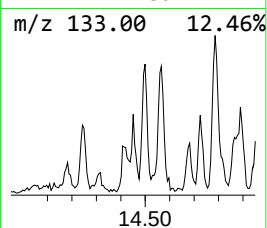
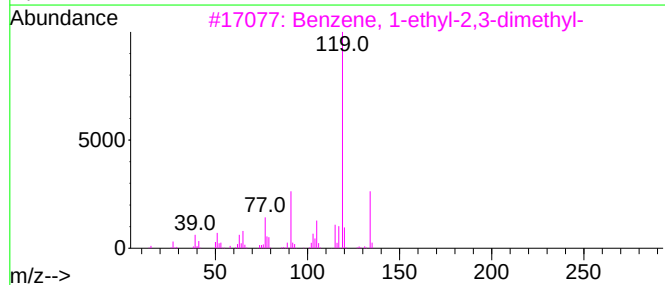
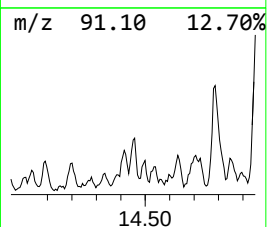
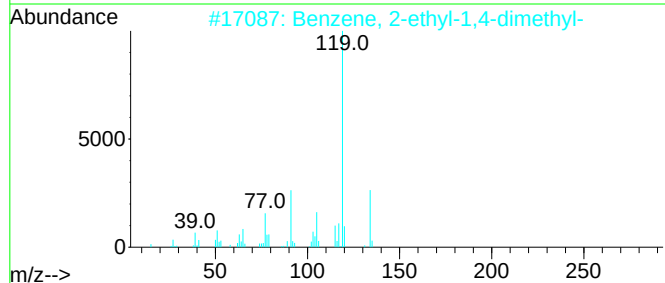
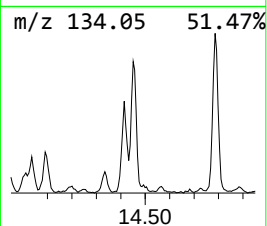
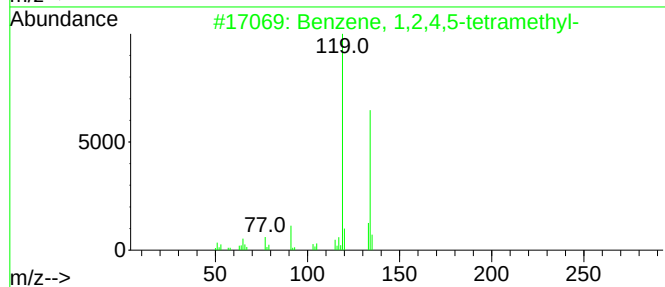
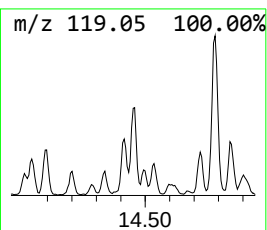
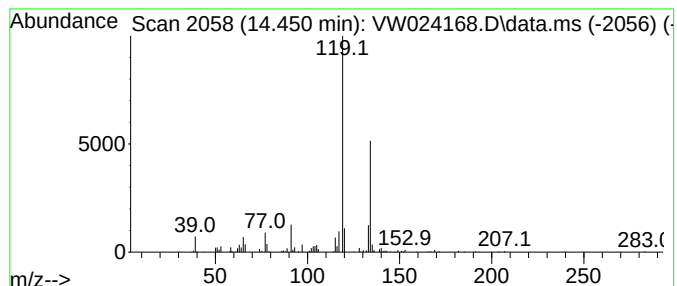
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	1.58 ug/L	103393	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			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

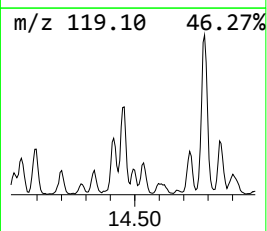
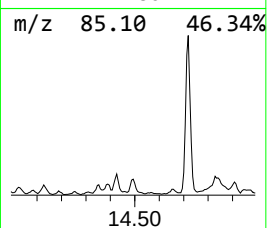
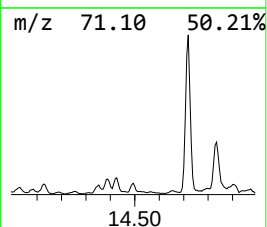
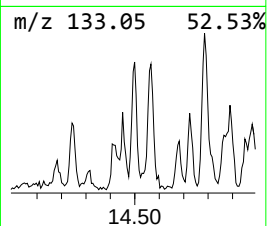
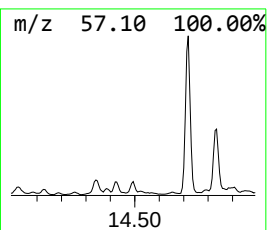
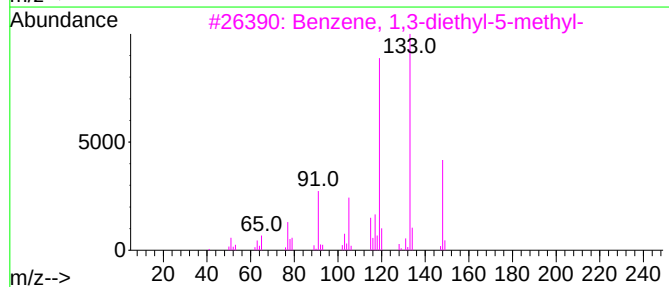
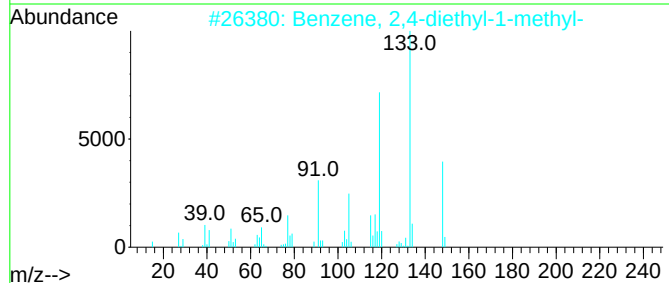
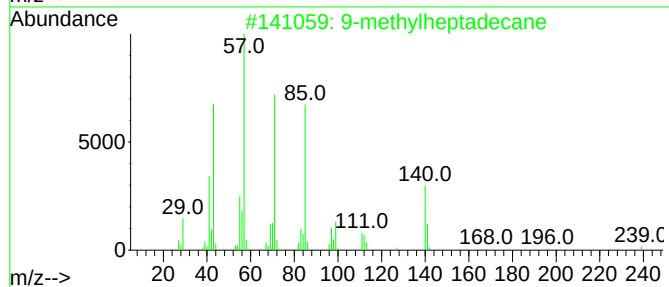
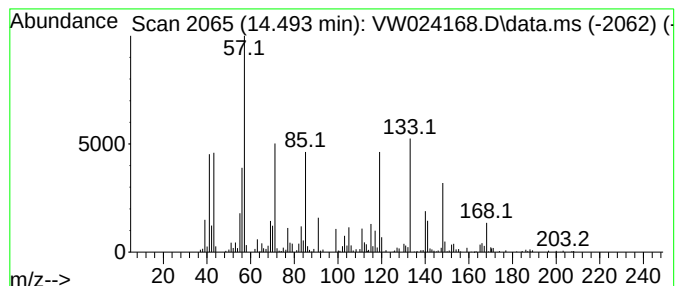
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.88 ug/L	123604	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-methylheptadecane	254	C18H38	026741-18-4	38
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

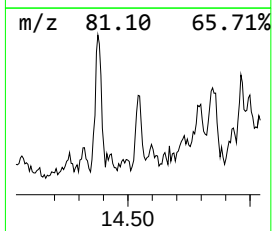
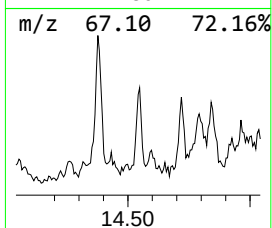
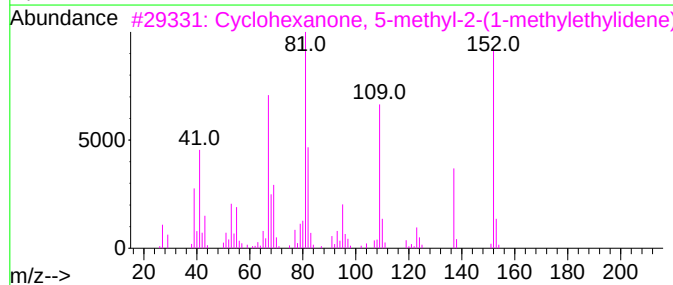
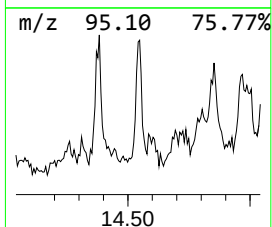
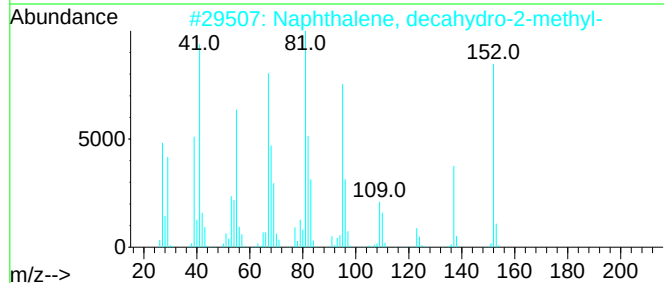
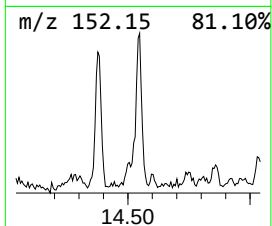
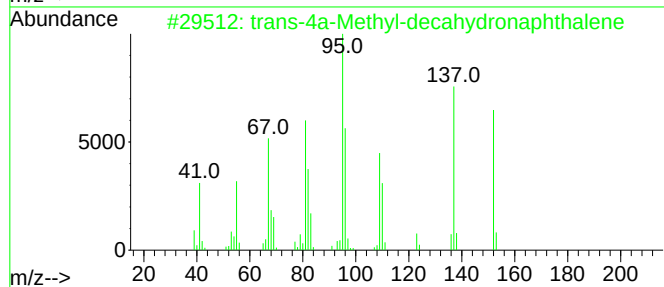
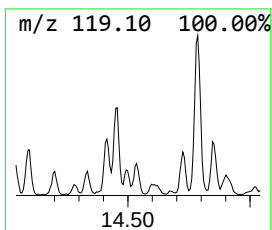
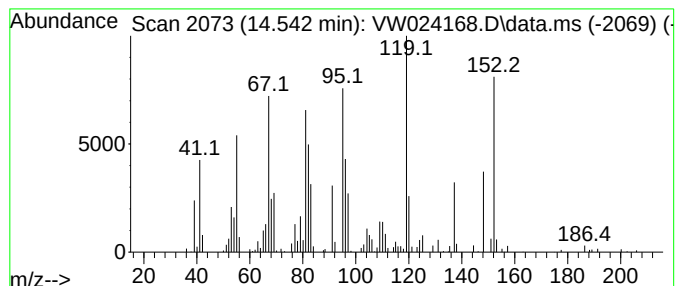
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	2.66 ug/L	174592	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	47
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	42
4			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	42
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

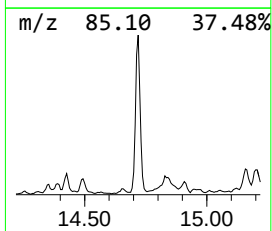
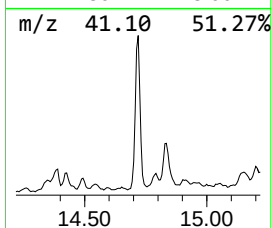
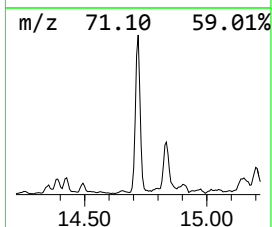
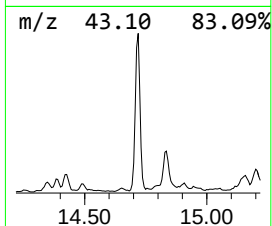
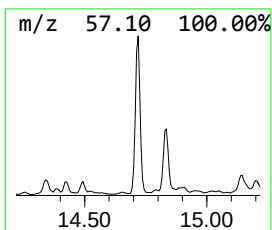
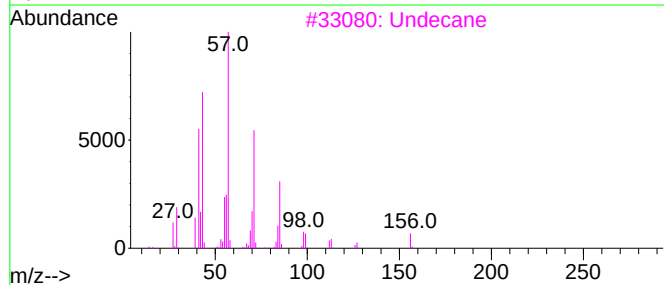
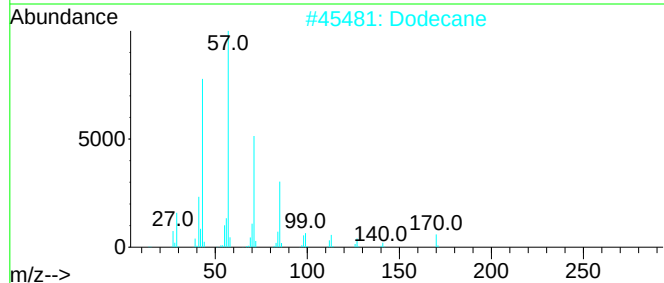
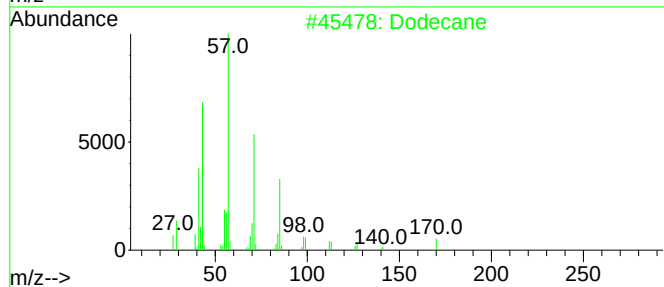
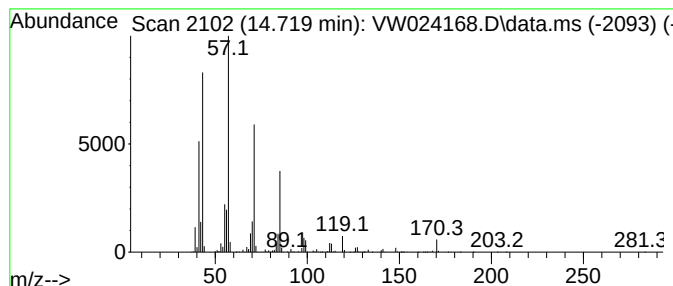
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	22.71 ug/L	1490910	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	97
2			Dodecane	170	C12H26	000112-40-3	87
3			Undecane	156	C11H24	001120-21-4	86
4			Dodecane	170	C12H26	000112-40-3	83
5			Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

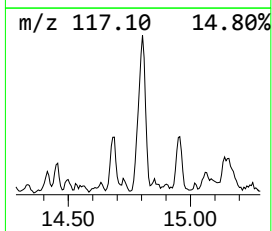
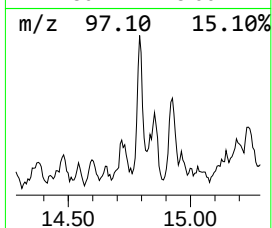
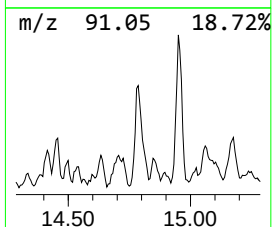
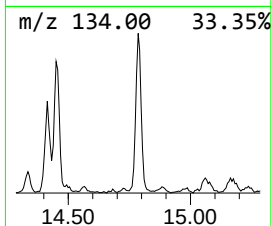
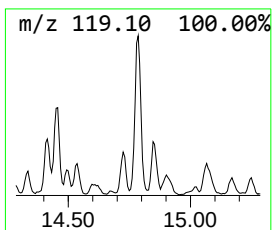
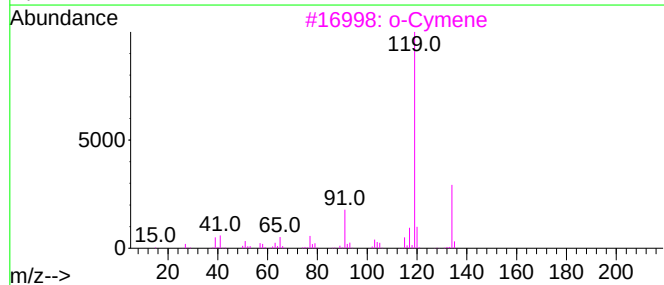
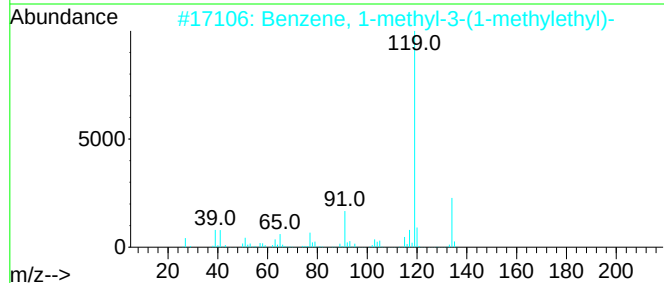
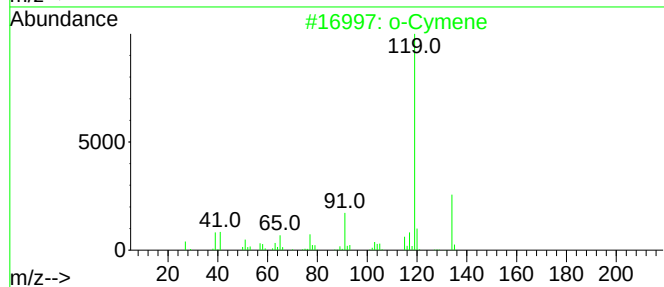
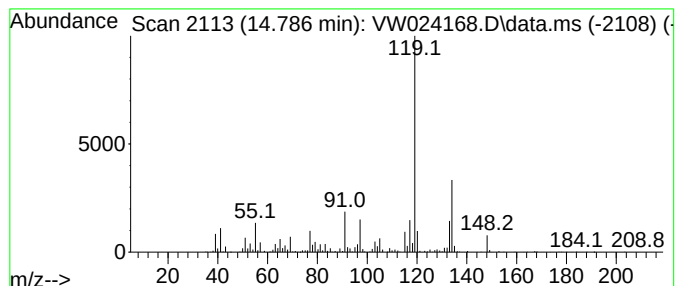
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	7.72 ug/L	506420	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

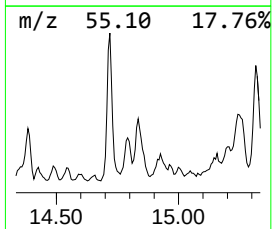
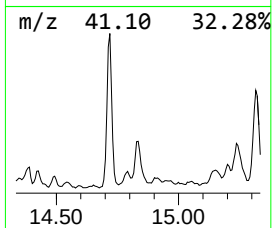
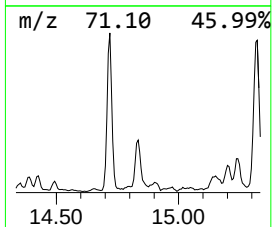
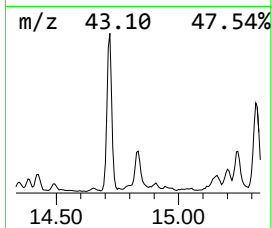
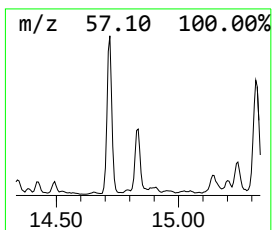
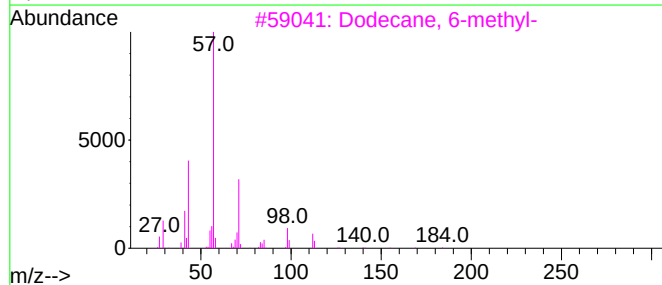
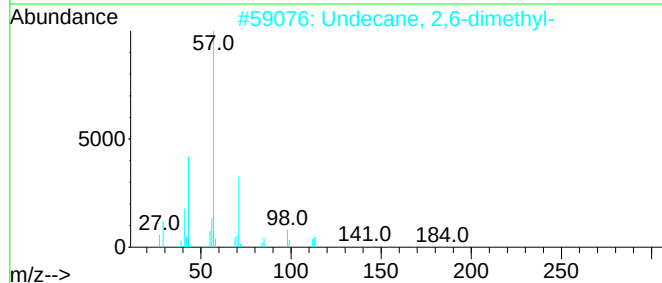
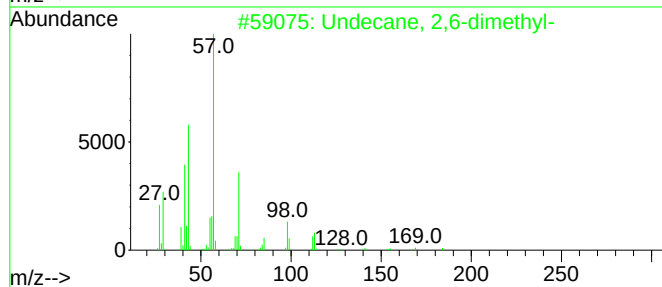
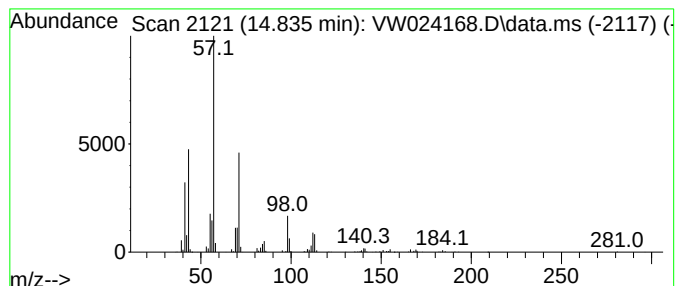
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.835	9.46 ug/L	621212	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

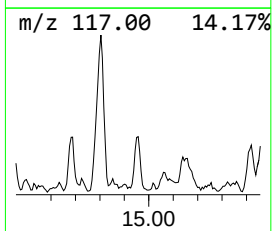
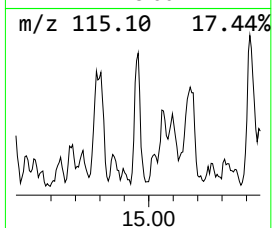
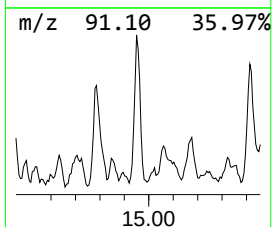
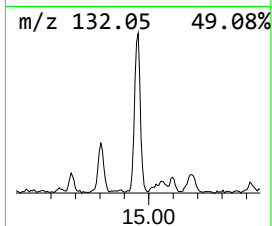
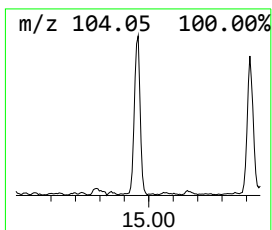
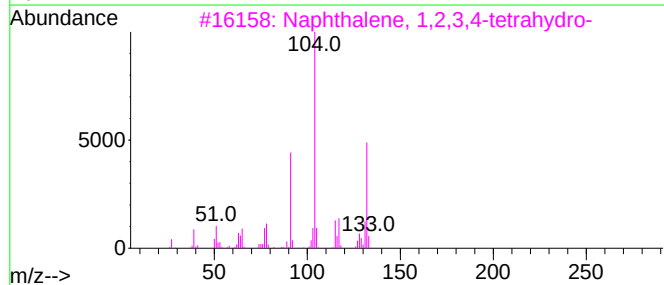
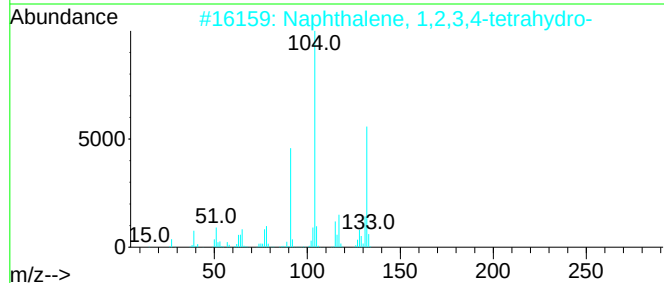
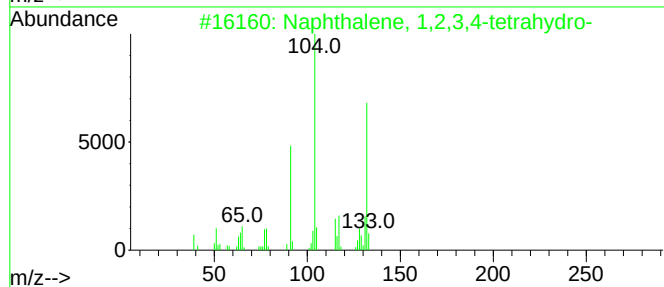
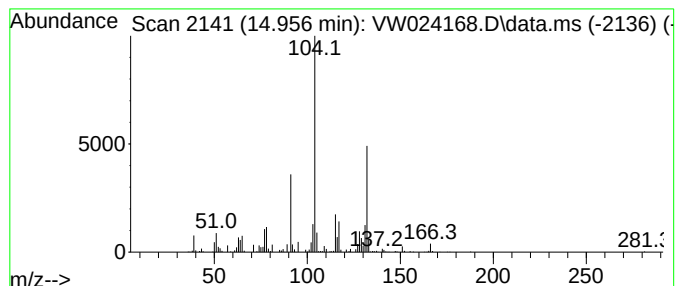
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	5.15 ug/L	337859	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	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

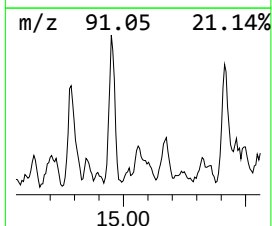
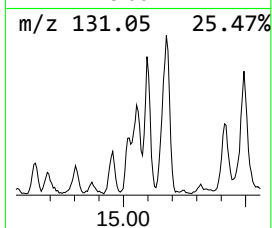
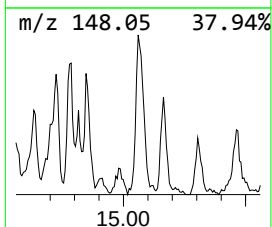
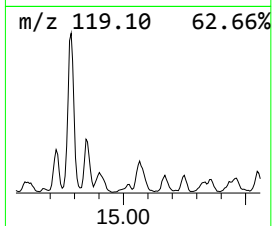
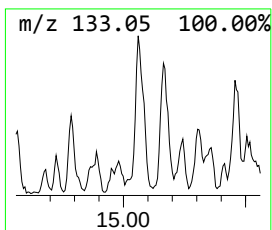
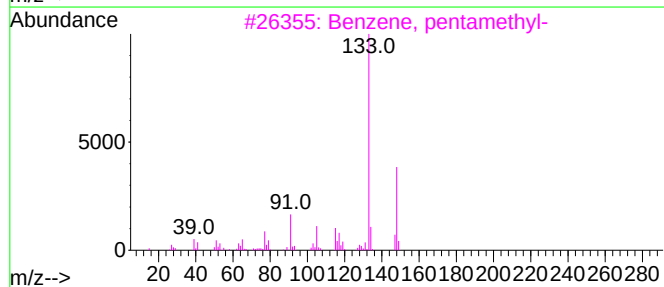
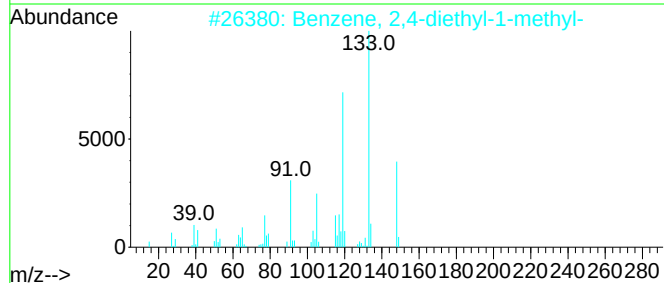
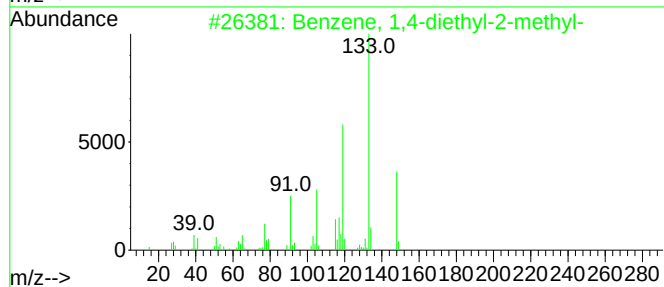
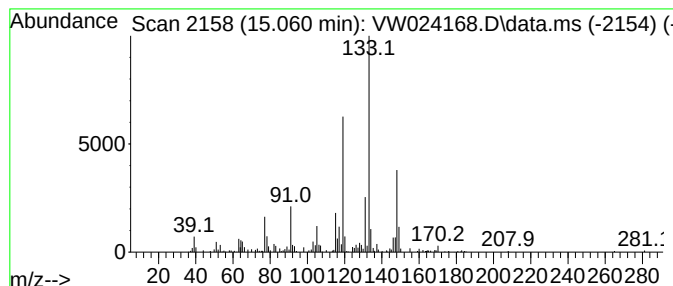
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.86 ug/L	122120	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	74
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	74
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	70
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

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

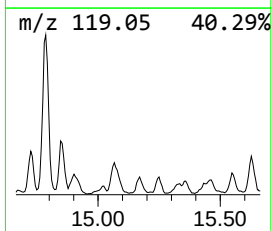
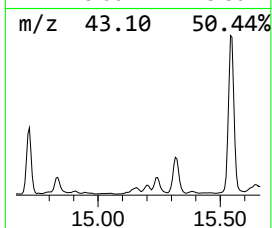
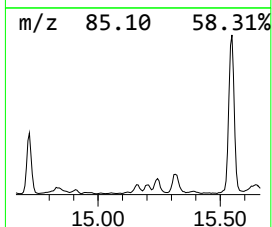
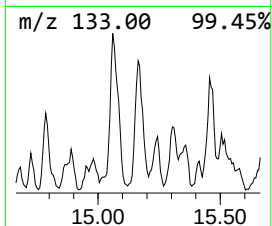
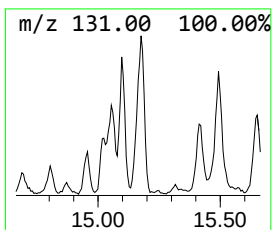
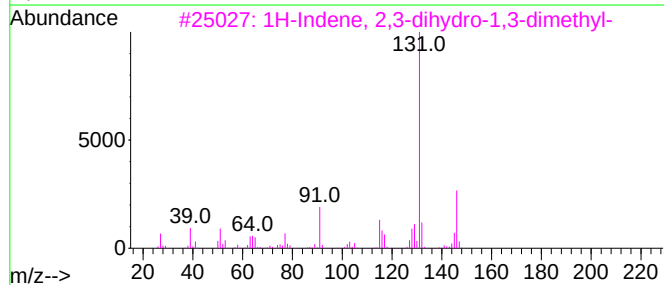
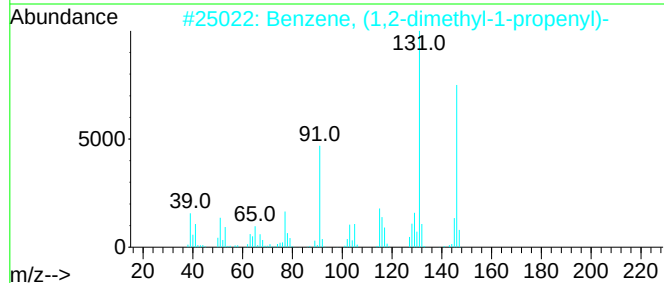
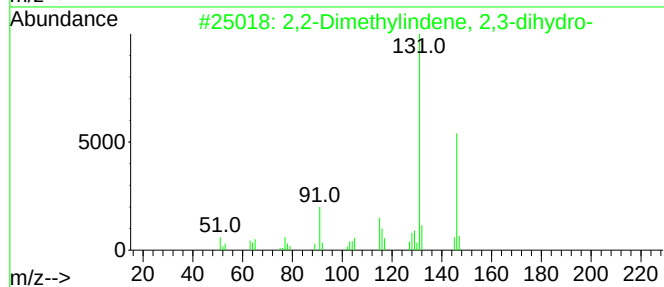
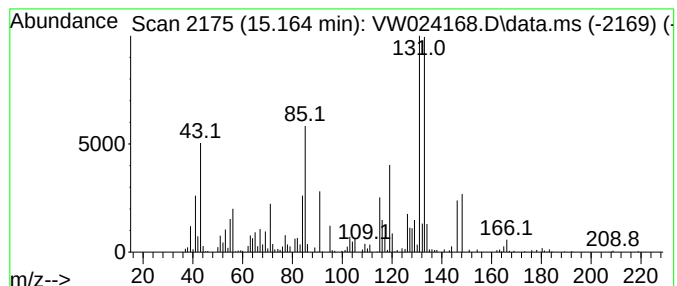
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-04

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	4.47 ug/L	293407	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38		
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38		
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38		
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38		
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

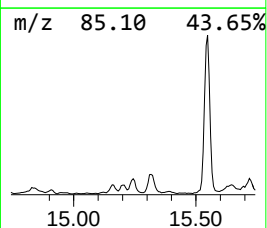
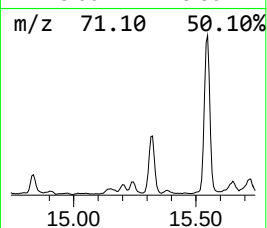
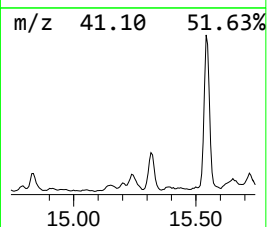
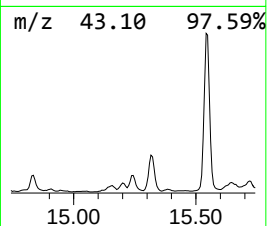
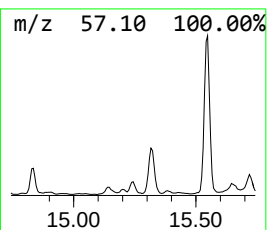
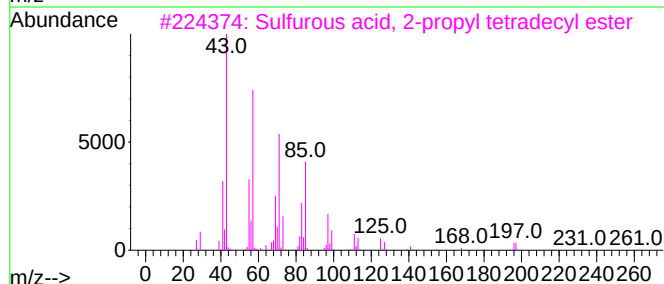
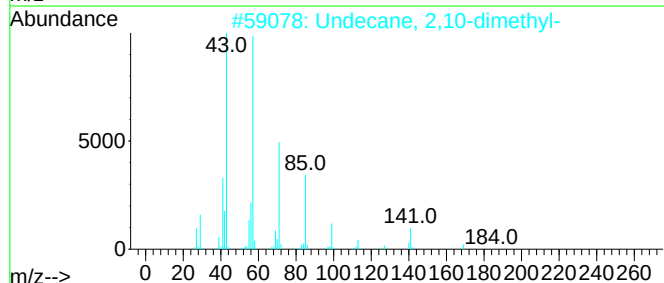
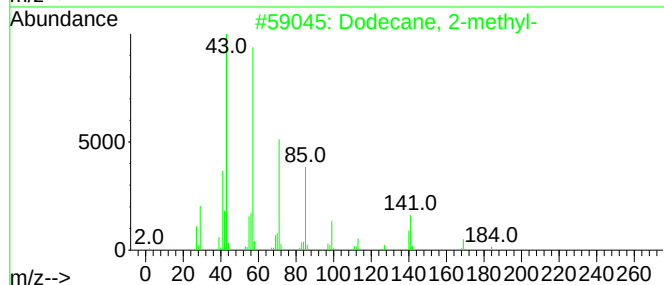
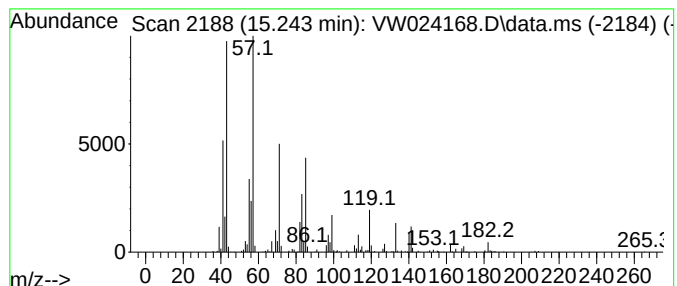
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	8.43 ug/L	553624	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	70
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	58
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

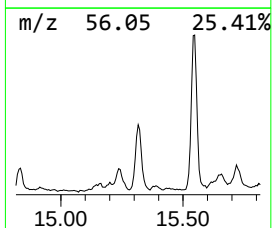
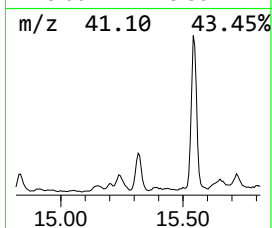
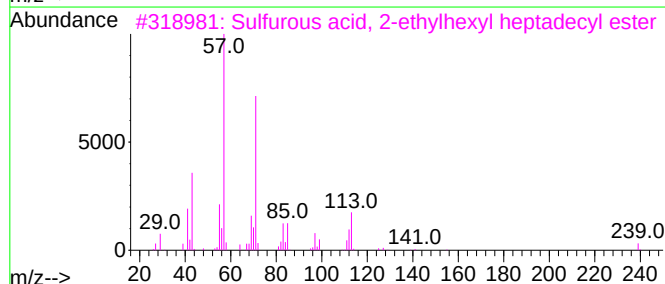
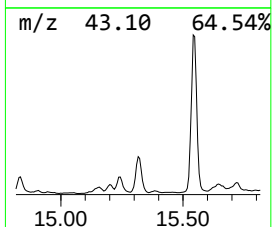
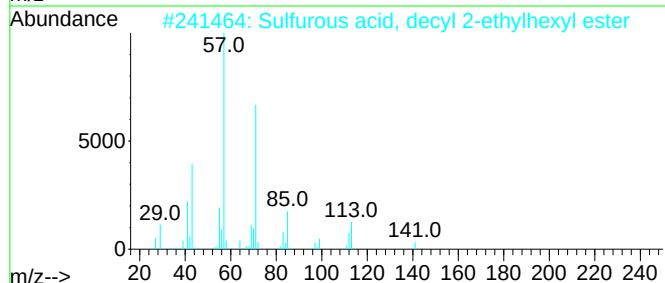
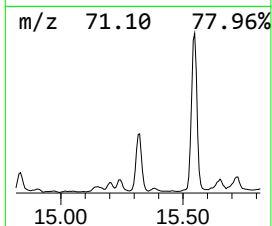
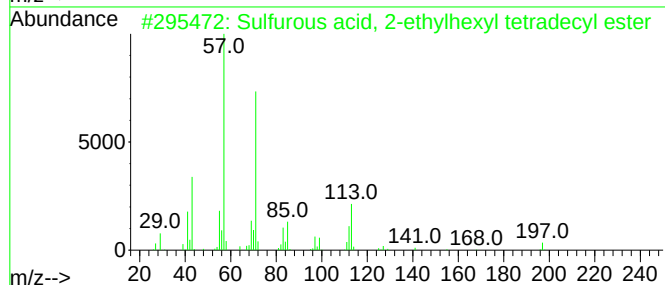
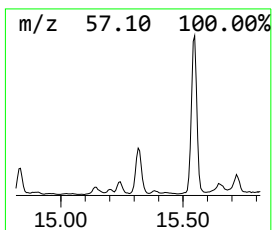
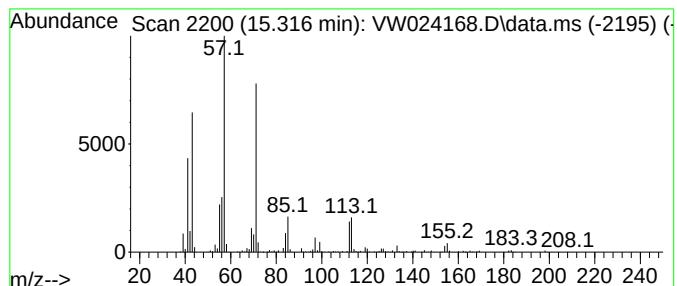
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	17.97 ug/L	1179260	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	80
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	68
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

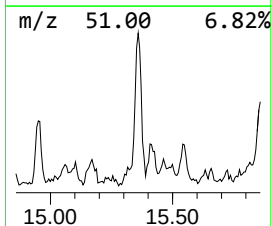
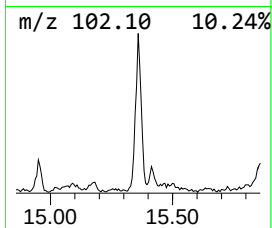
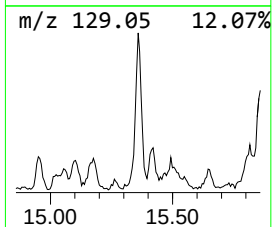
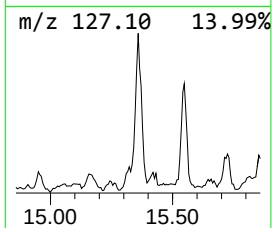
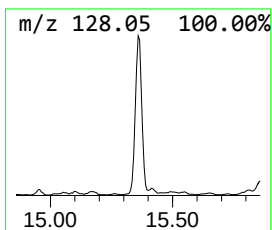
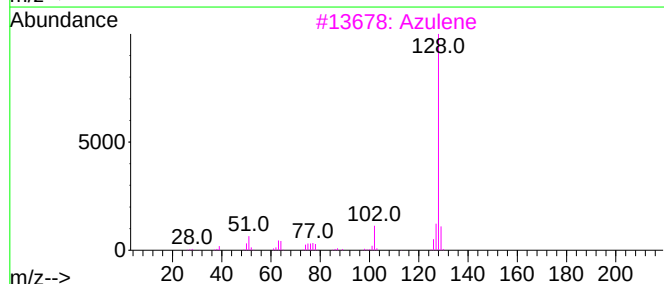
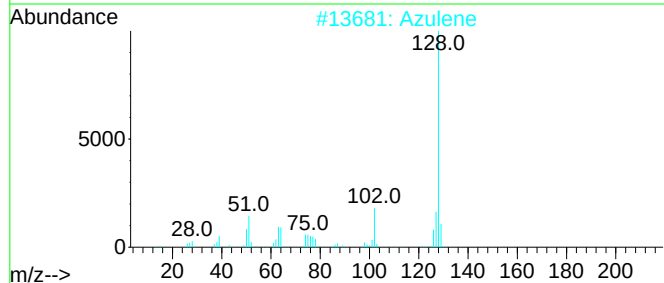
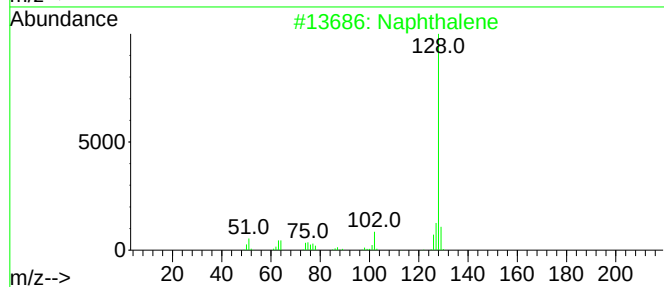
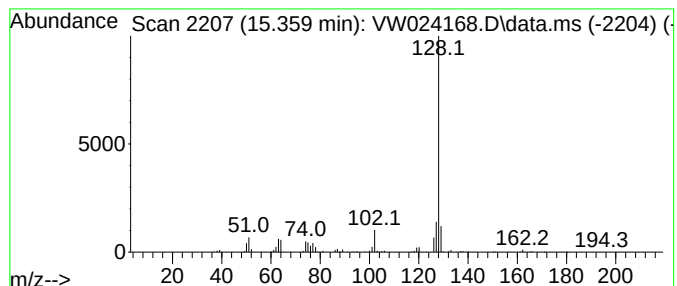
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 Azulene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	6.45 ug/L	423151	1,4-Dichlorobenzene-d4	13.554

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

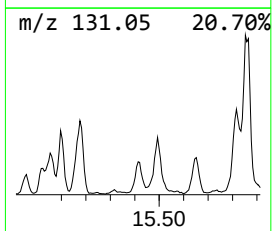
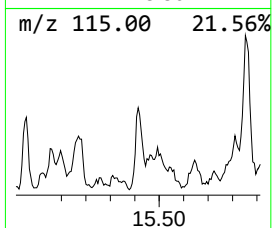
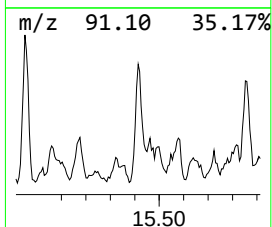
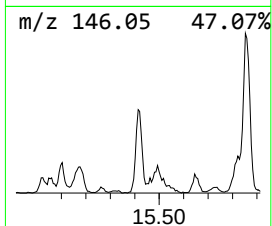
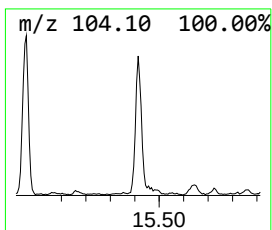
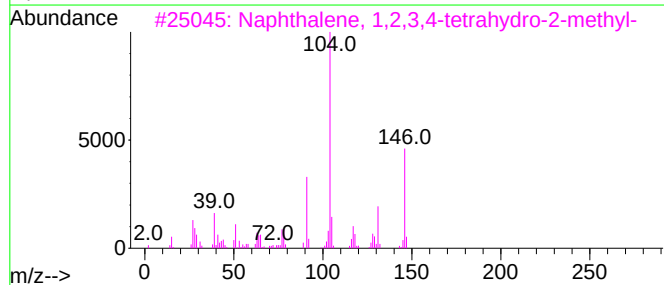
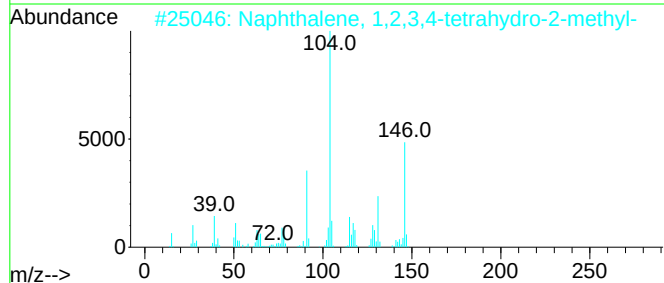
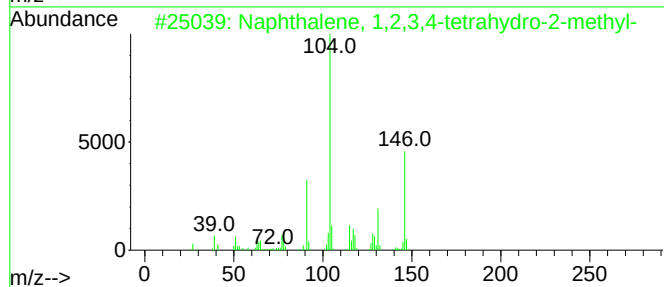
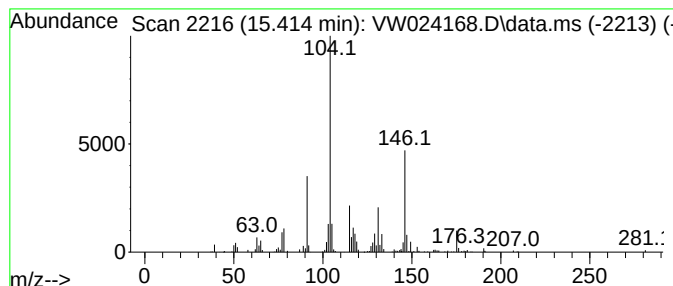
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.414	3.01 ug/L	197694	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	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

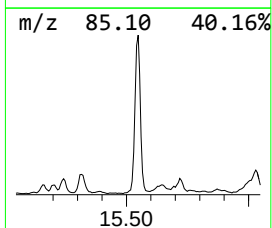
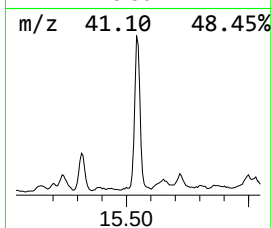
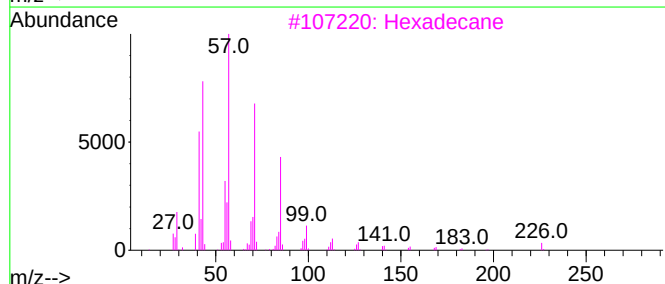
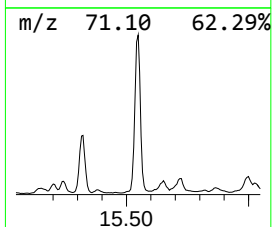
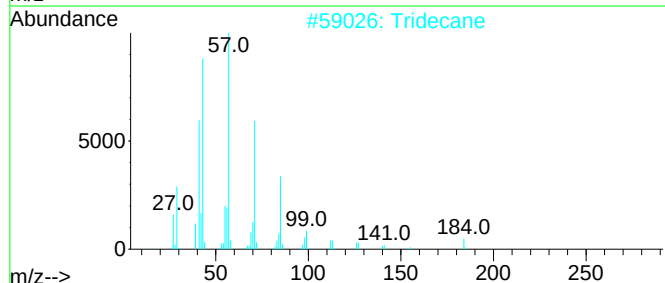
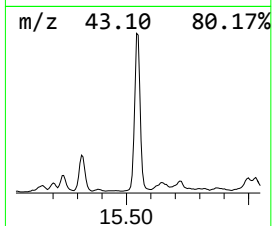
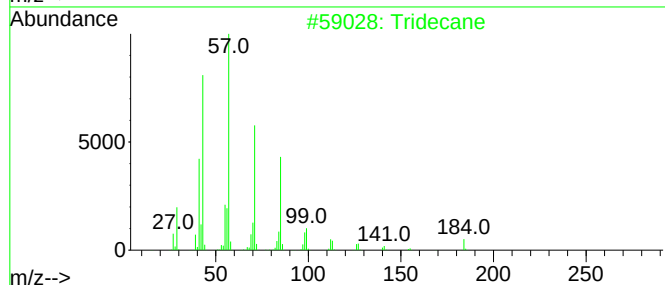
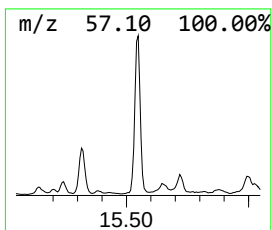
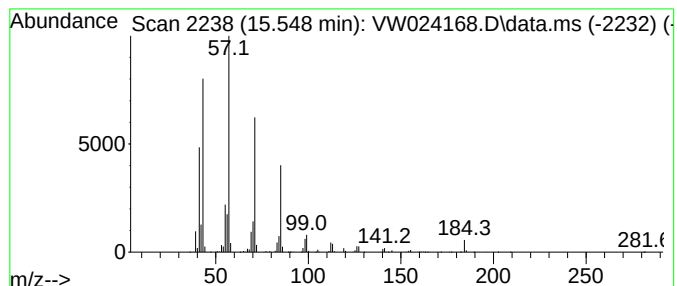
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	58.66 ug/L	3850120	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	96
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane	184	C13H28	000629-50-5	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

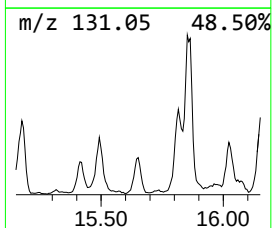
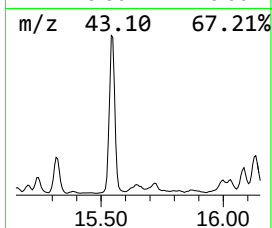
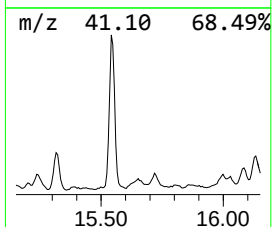
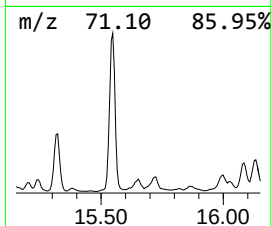
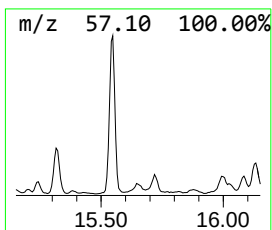
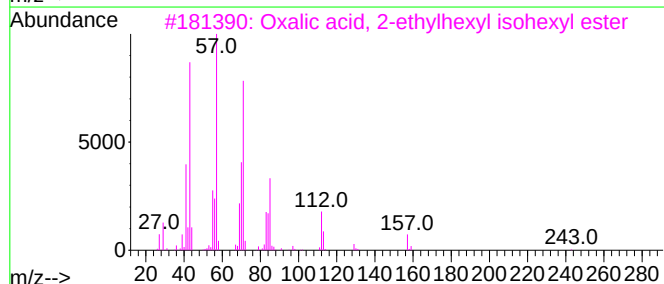
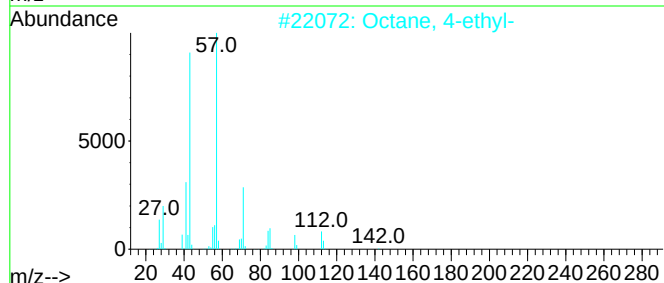
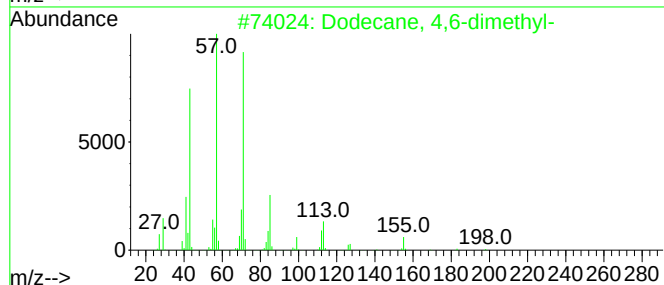
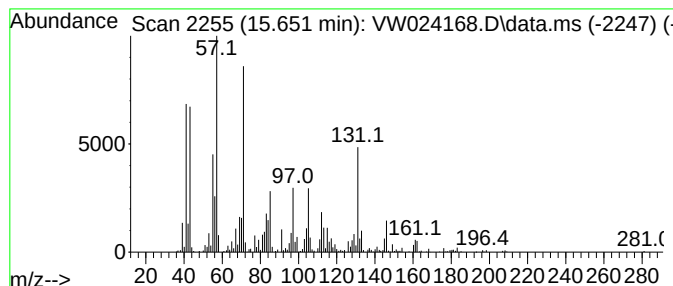
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	10.64 ug/L	698339	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	50
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	43
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
5			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

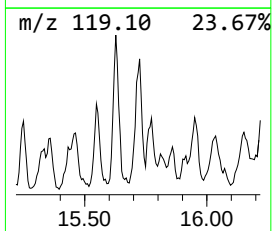
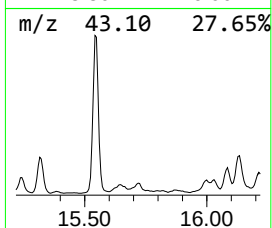
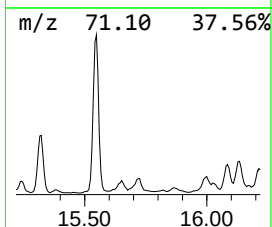
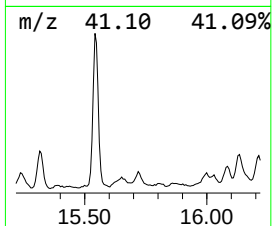
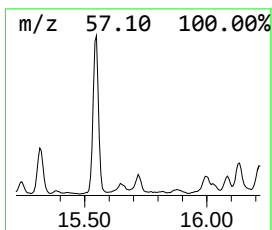
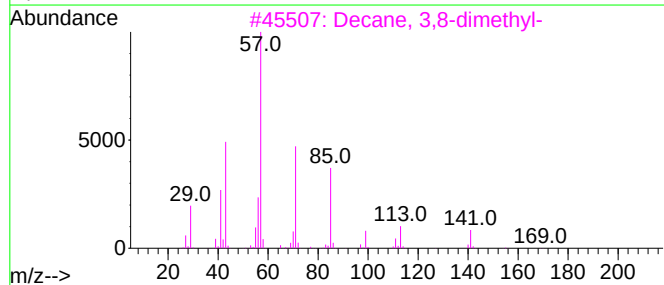
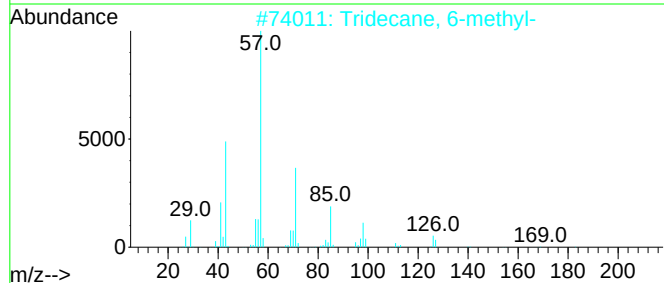
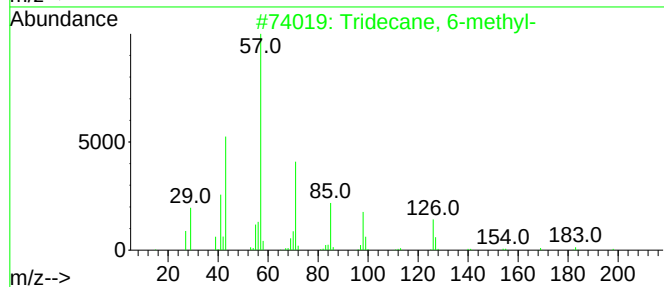
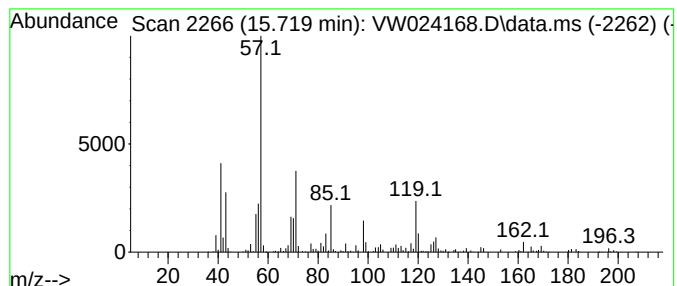
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.719	6.86 ug/L	450530	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	47
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

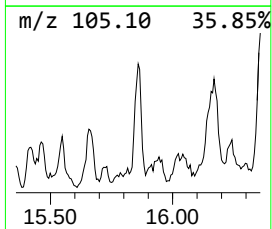
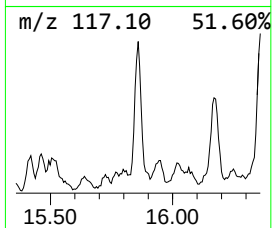
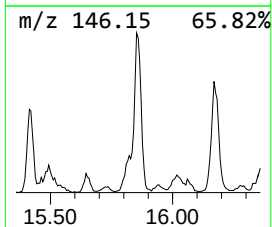
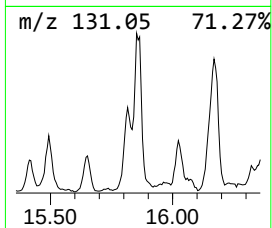
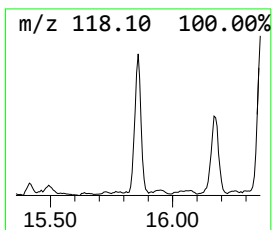
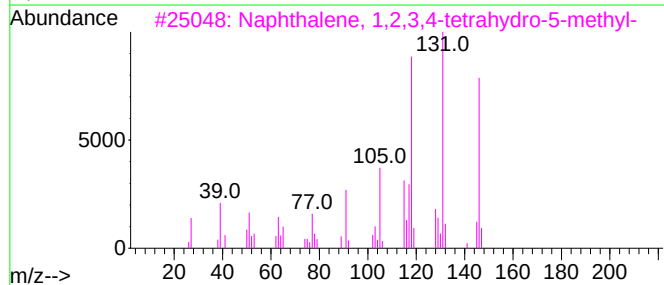
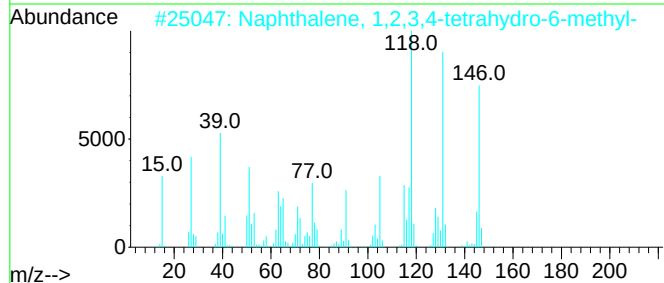
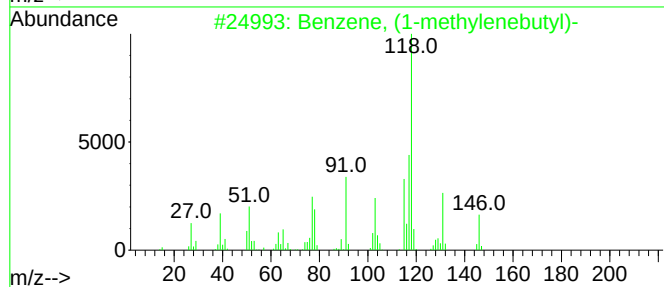
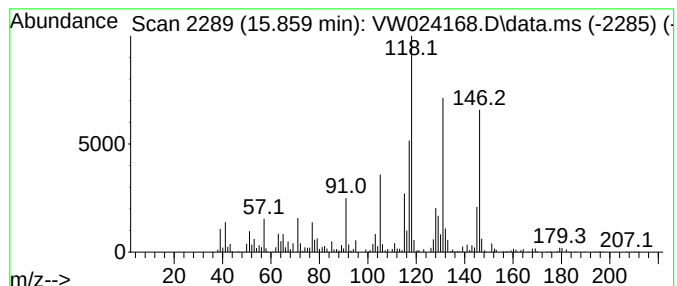
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 Benzene, (1-methylenebutyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	7.45 ug/L	489153	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	83
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

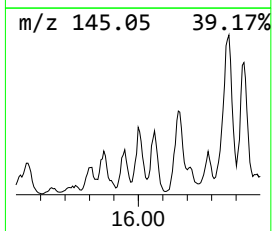
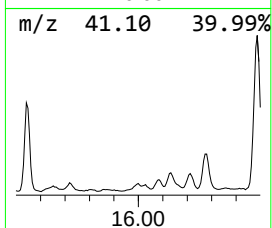
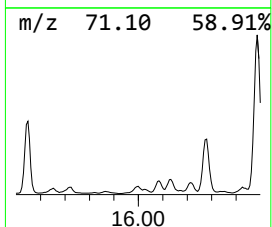
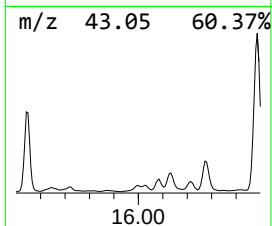
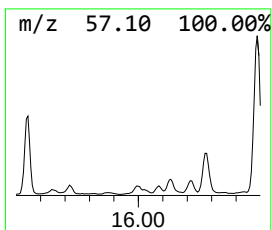
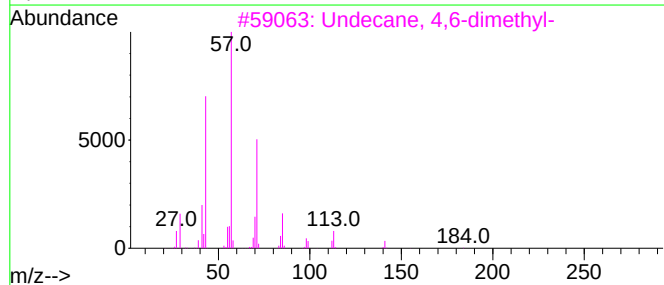
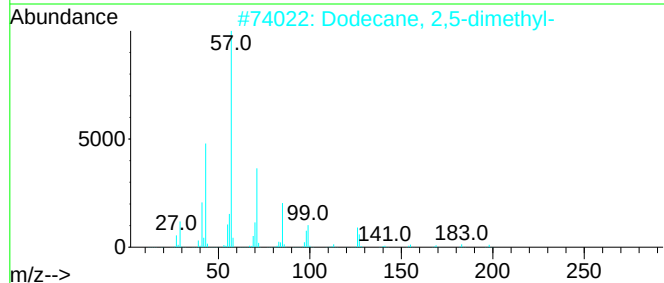
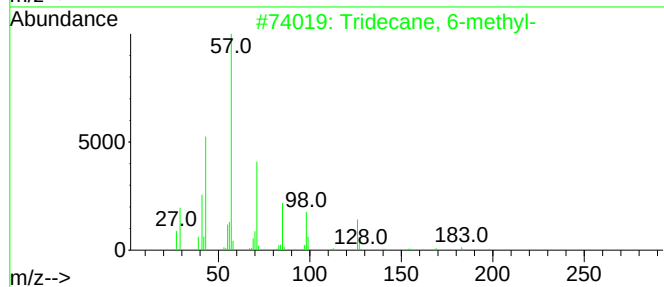
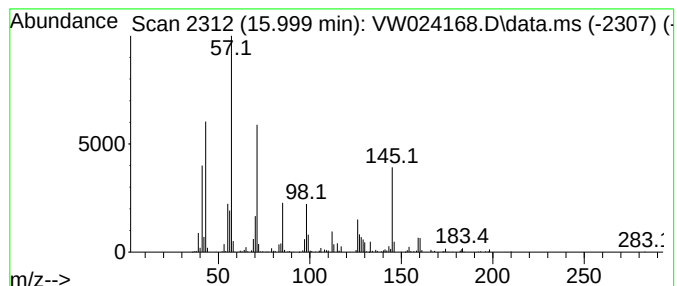
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.999	5.71 ug/L	374586	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	95
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	43
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	38
5			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

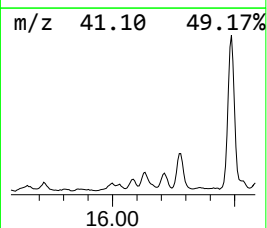
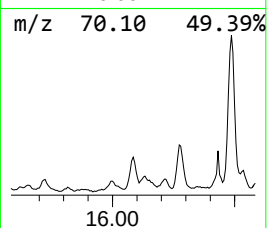
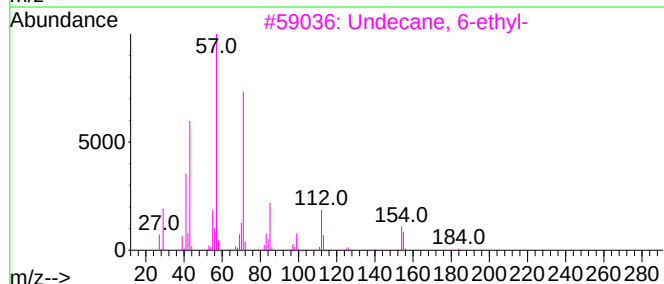
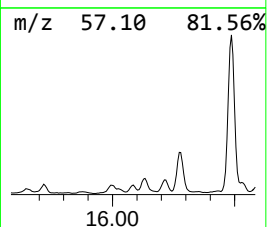
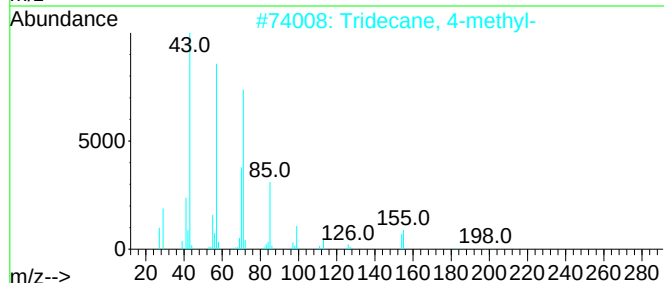
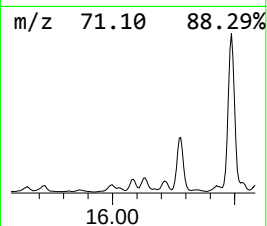
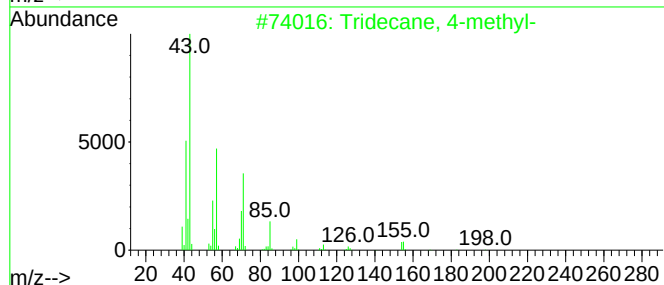
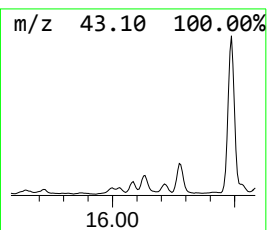
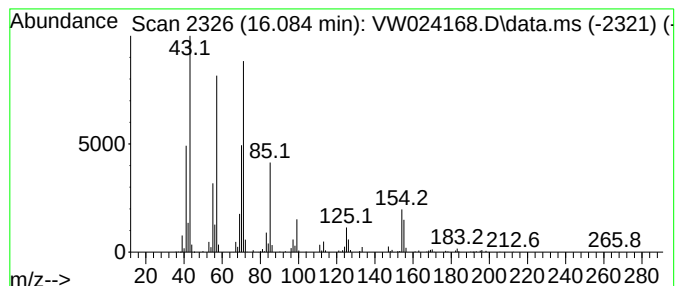
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	6.79 ug/L	445951	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2			Tridecane, 4-methyl-	198	C14H30	026730-12-1	70
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	68
5			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

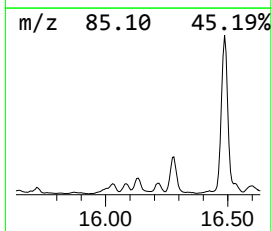
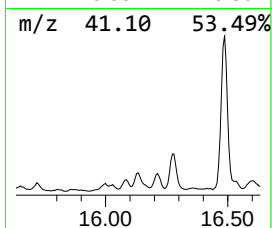
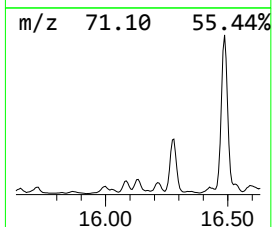
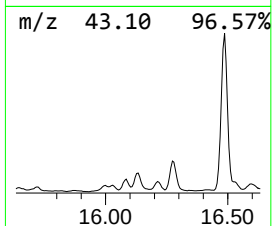
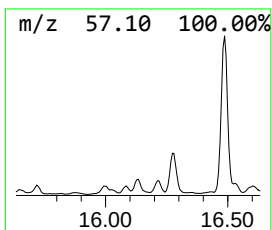
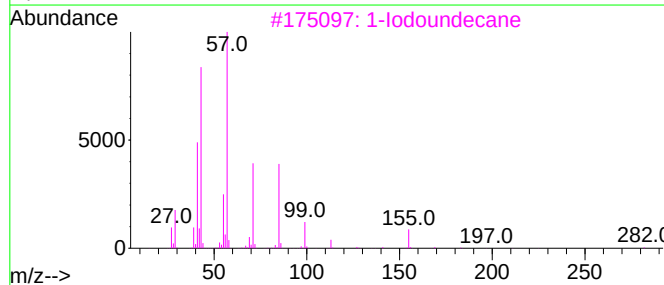
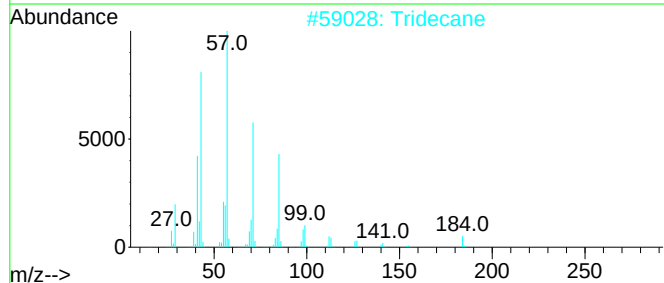
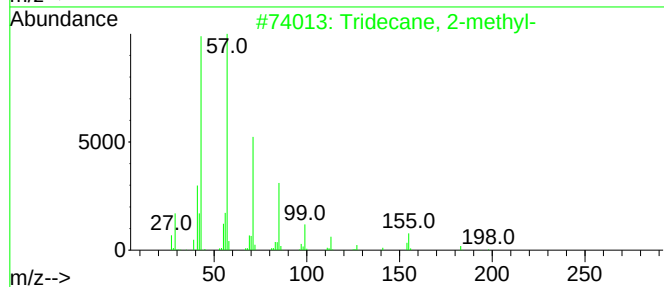
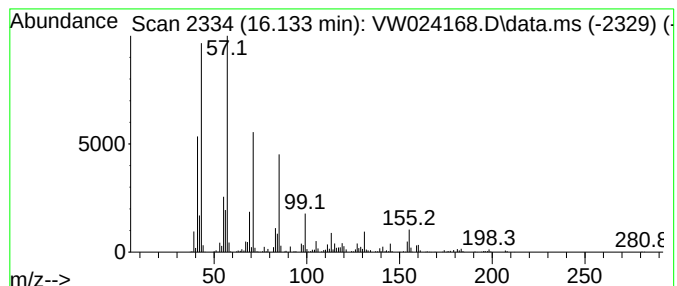
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	12.20 ug/L	801086	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Tridecane	184	C13H28	000629-50-5	64
3		1-Iodoundecane	282	C11H23I	004282-44-4	64
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

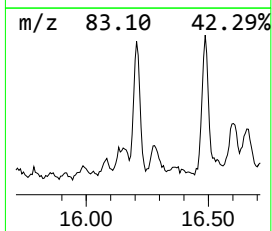
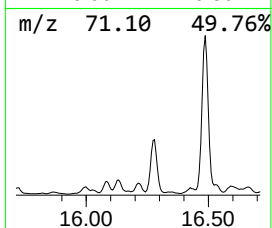
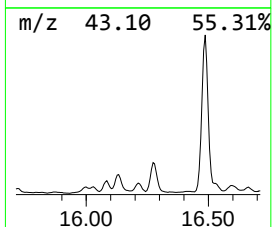
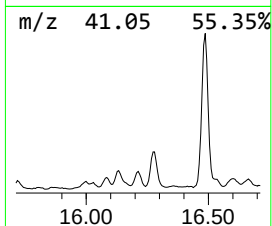
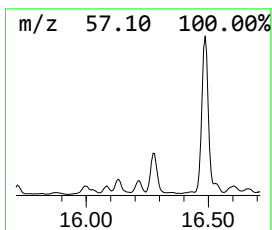
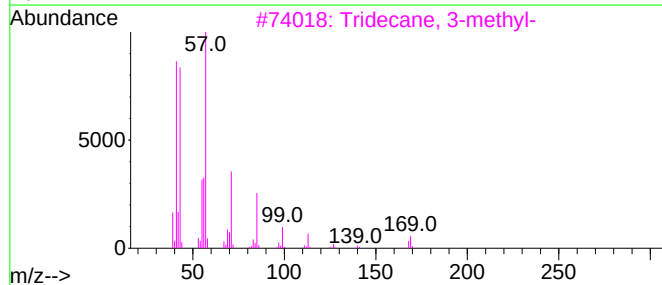
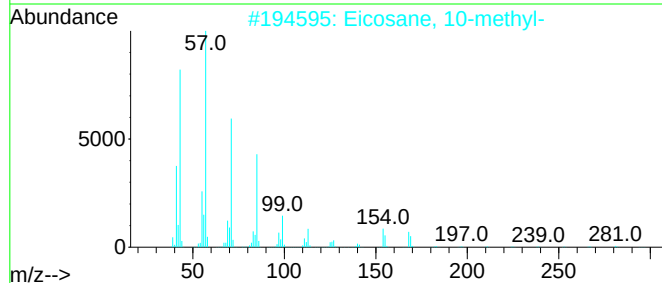
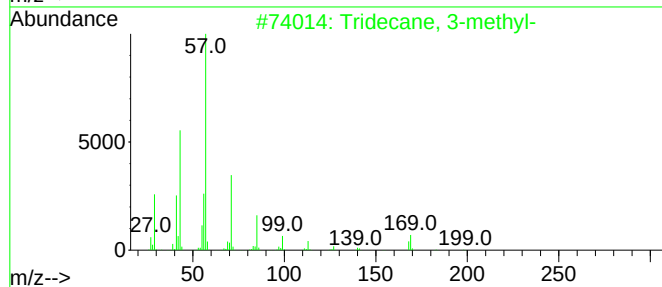
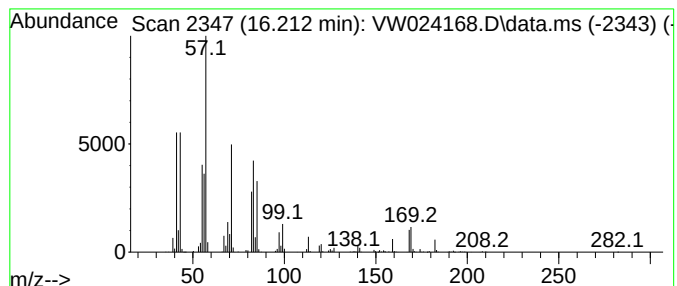
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	11.55 ug/L	758285	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	47
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

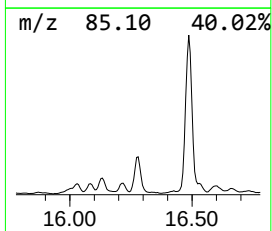
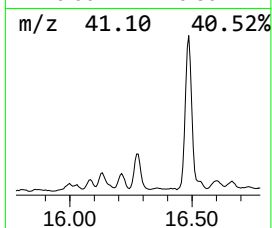
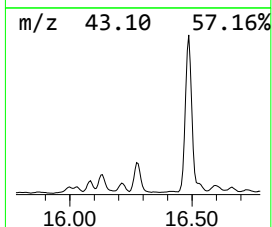
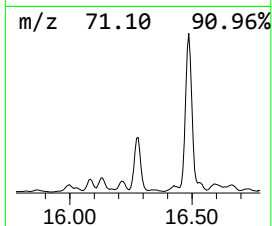
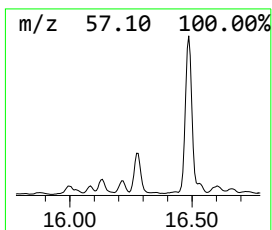
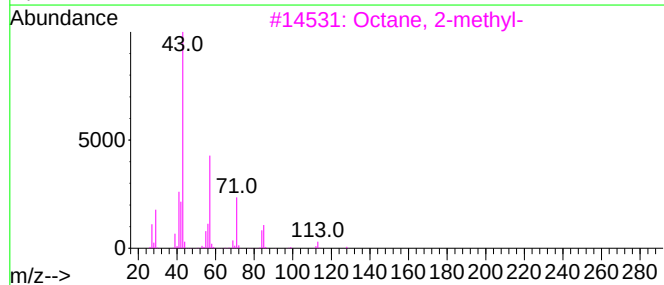
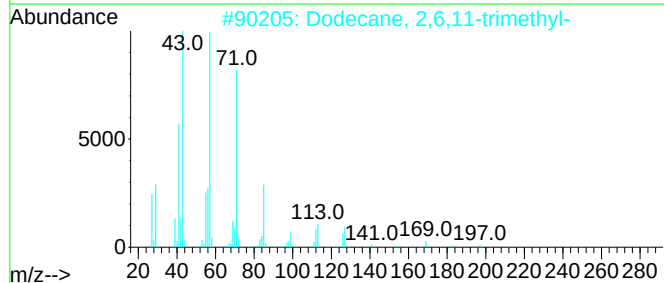
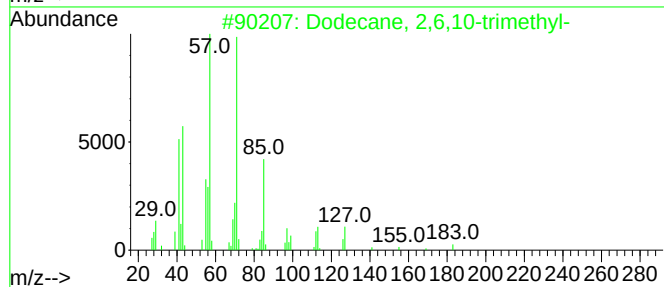
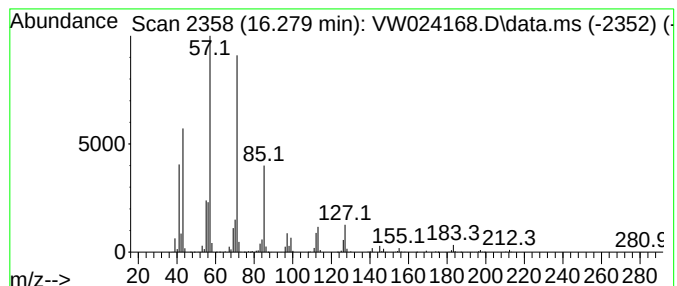
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	34.49 ug/L	2264240	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	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Octane, 2-methyl-	128	C9H20	003221-61-2	87
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

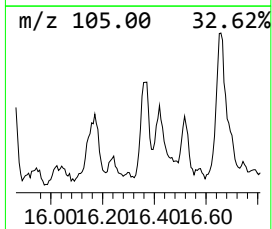
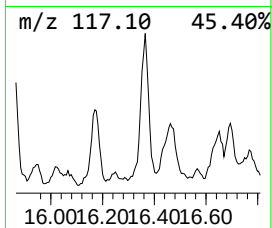
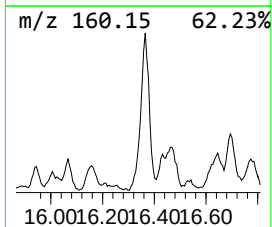
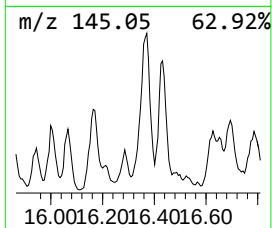
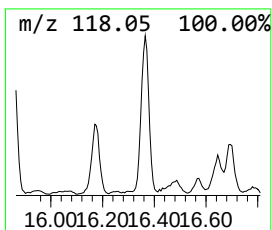
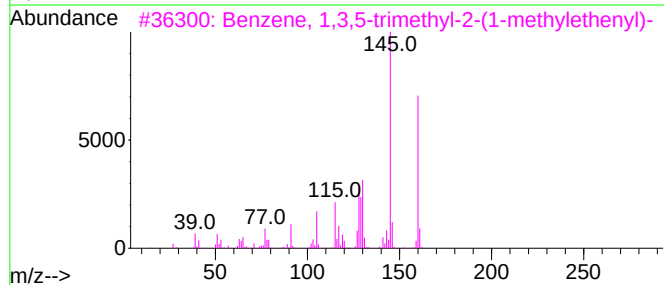
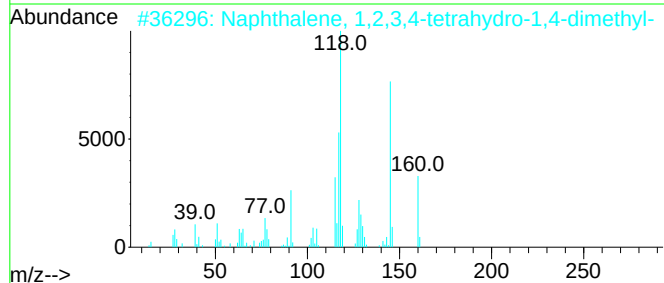
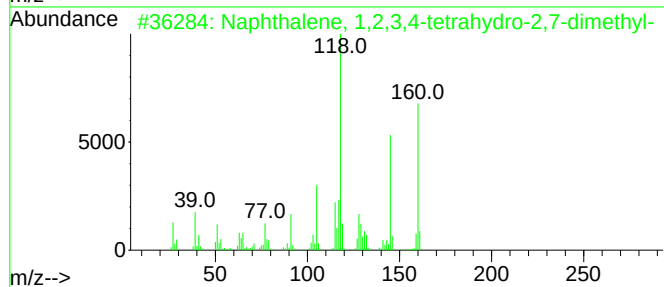
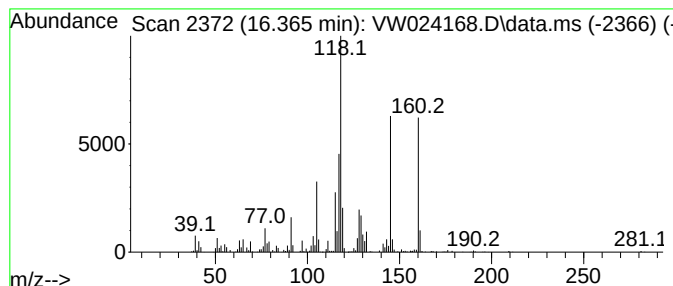
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	11.54 ug/L	757696	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	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	66
4			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	64
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

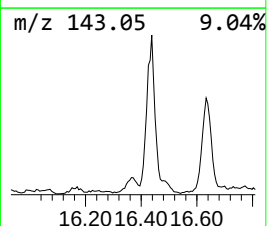
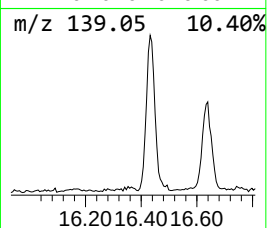
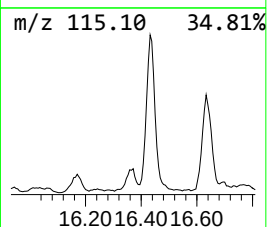
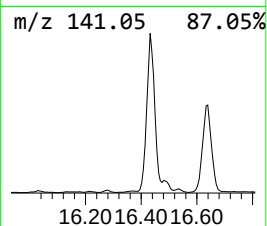
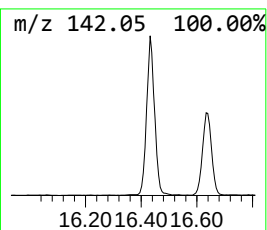
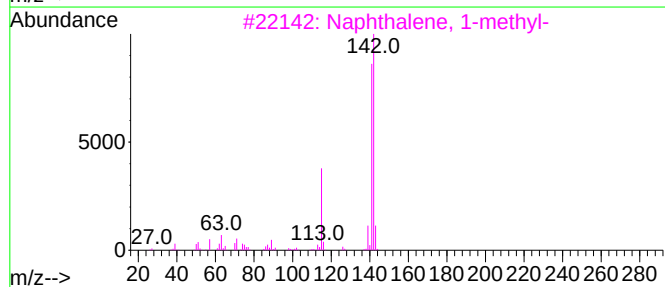
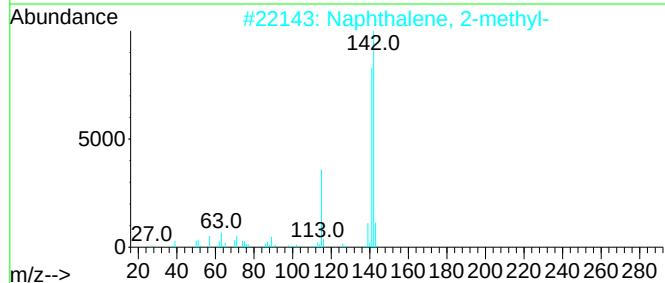
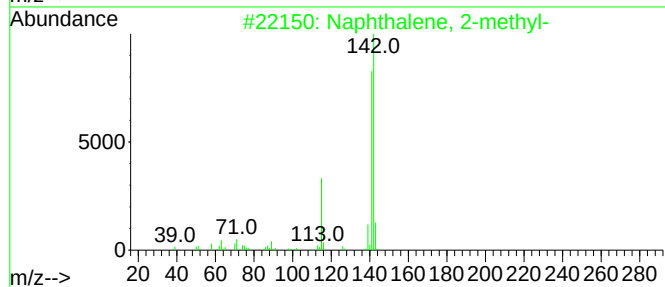
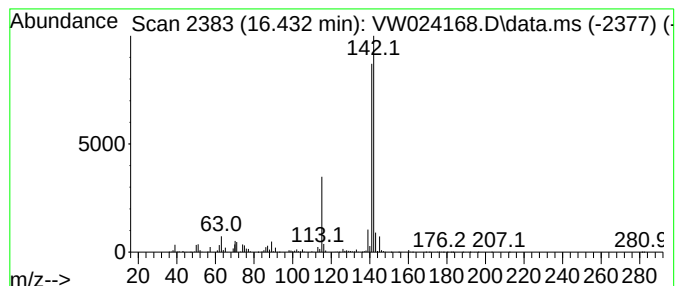
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	35.52 ug/L	2331510	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

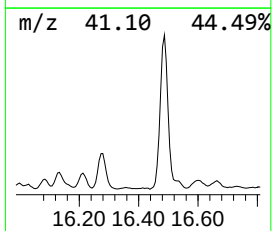
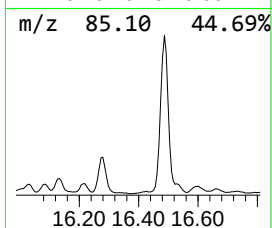
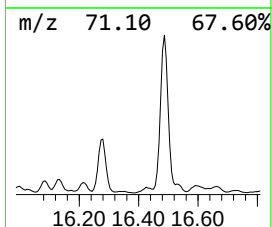
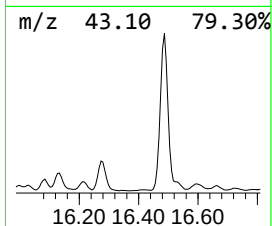
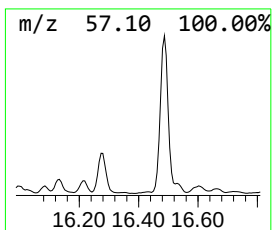
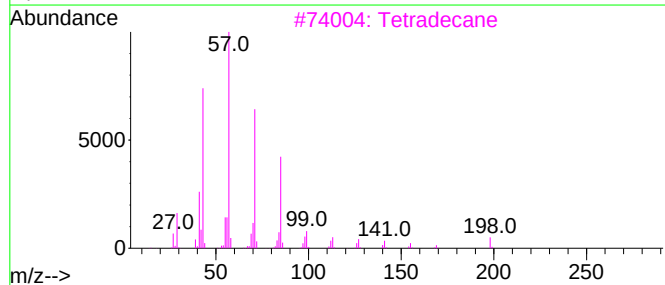
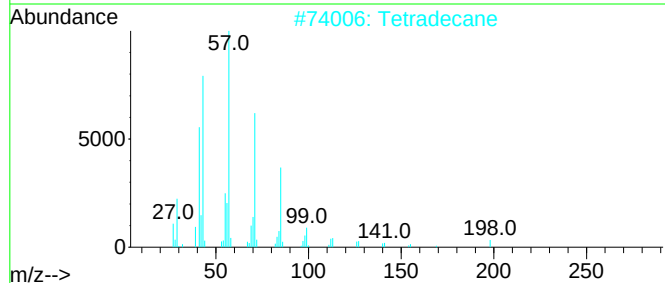
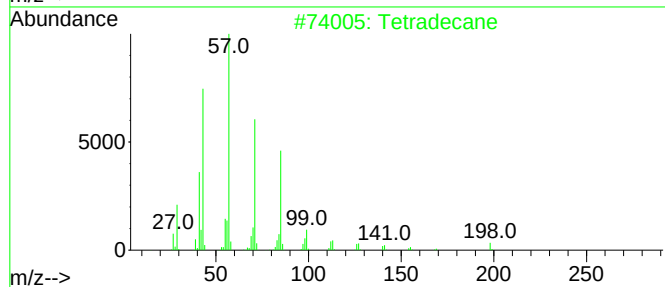
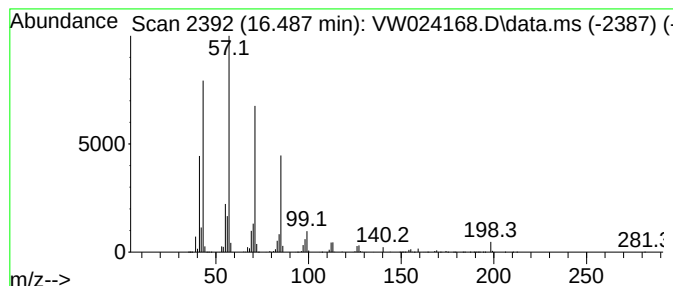
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	120.86 ug/L	7933110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	94
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024168.D
Acq On : 04 Aug 2022 18:18
Operator : SY/VA
Sample : VIBLK524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK524

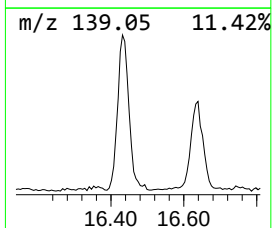
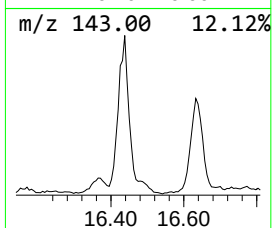
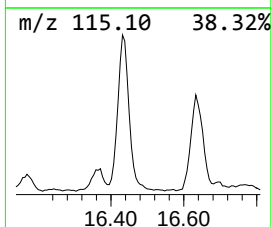
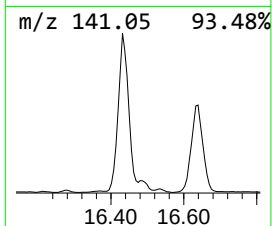
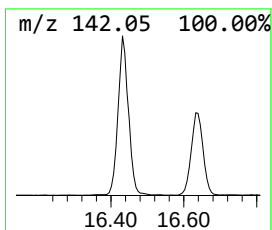
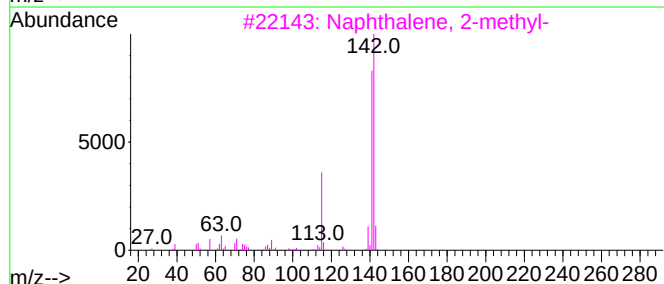
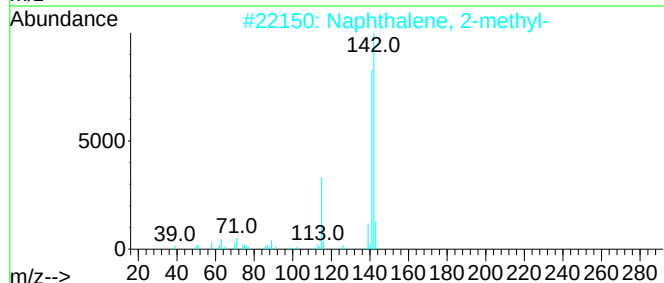
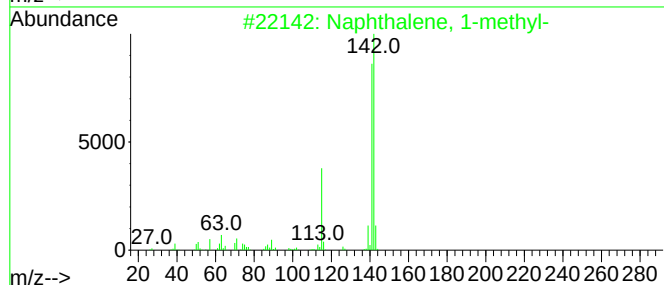
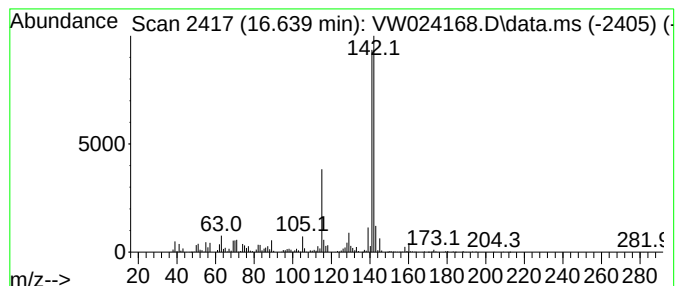
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	46.14 ug/L	3028400	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024168.D
 Acq On : 04 Aug 2022 18:18
 Operator : SY/VA
 Sample : VIBLK524
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK524

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

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.367	1.5	ug/L	66973	1	8.842	1140310	25.0
2-Ethyl-oxetane	5.934	1.6	ug/L	74925	1	8.842	1140310	25.0
Naphthalene, 2-...	12.371	5.8	ug/L	329248	2	11.628	1419750	25.0
Naphthalene, 1,...	12.841	11.6	ug/L	763484	3	13.554	1641000	25.0
Naphthalene, 1,...	13.432	13.0	ug/L	855283	3	13.554	1641000	25.0
Naphthalene, 1,...	13.920	3.3	ug/L	215980	3	13.554	1641000	25.0
p-Cymene	14.030	2.5	ug/L	160815	3	13.554	1641000	25.0
o-Cymene	14.091	1.3	ug/L	84022	3	13.554	1641000	25.0
unknown-01	14.194	1.6	ug/L	105075	3	13.554	1641000	25.0
unknown-02	14.268	1.5	ug/L	95923	3	13.554	1641000	25.0
Octyl tetracosy...	14.347	2.3	ug/L	151470	3	13.554	1641000	25.0
(DEL) Alkane: C...	14.383	3.8	ug/L	247635	3	13.554	1641000	25.0
(DEL) Alkane: S...	14.420	2.9	ug/L	190691	3	13.554	1641000	25.0
Benzene, 1,2,4,...	14.450	1.6	ug/L	103393	3	13.554	1641000	25.0
(DEL) Alkane: S...	14.493	1.9	ug/L	123604	3	13.554	1641000	25.0
unknown-03	14.542	2.7	ug/L	174592	3	13.554	1641000	25.0
(DEL) Alkane: S...	14.719	22.7	ug/L	1490910	3	13.554	1641000	25.0
Benzene, 1-meth...	14.786	7.7	ug/L	506420	3	13.554	1641000	25.0
(DEL) Alkane: S...	14.835	9.5	ug/L	621212	3	13.554	1641000	25.0
Naphthalene, 1,...	14.956	5.2	ug/L	337859	3	13.554	1641000	25.0
Benzene, 1,4-di...	15.060	1.9	ug/L	122120	3	13.554	1641000	25.0
unknown-04	15.164	4.5	ug/L	293407	3	13.554	1641000	25.0
(DEL) Alkane: S...	15.243	8.4	ug/L	553624	3	13.554	1641000	25.0
Sulfurous acid,...	15.316	18.0	ug/L	1179260	3	13.554	1641000	25.0
Azulene	15.359	6.5	ug/L	423151	3	13.554	1641000	25.0
Naphthalene, 1,...	15.414	3.0	ug/L	197694	3	13.554	1641000	25.0
(DEL) Alkane: S...	15.548	58.7	ug/L	3850120	3	13.554	1641000	25.0
(DEL) Alkane: S...	15.651	10.6	ug/L	698339	3	13.554	1641000	25.0
(DEL) Alkane: S...	15.719	6.9	ug/L	450530	3	13.554	1641000	25.0
Benzene, (1-met...	15.859	7.5	ug/L	489153	3	13.554	1641000	25.0
(DEL) Alkane: S...	15.999	5.7	ug/L	374586	3	13.554	1641000	25.0
(DEL) Alkane: S...	16.084	6.8	ug/L	445951	3	13.554	1641000	25.0
(DEL) Alkane: S...	16.133	12.2	ug/L	801086	3	13.554	1641000	25.0
(DEL) Alkane: S...	16.212	11.6	ug/L	758285	3	13.554	1641000	25.0
(DEL) Alkane: S...	16.279	34.5	ug/L	2264240	3	13.554	1641000	25.0
Naphthalene, 1,...	16.365	11.5	ug/L	757696	3	13.554	1641000	25.0
Naphthalene, 2-...	16.432	35.5	ug/L	2331510	3	13.554	1641000	25.0
(DEL) Alkane: S...	16.487	120.9	ug/L	7933110	3	13.554	1641000	25.0
Naphthalene, 1-...	16.639	46.1	ug/L	3028400	3	13.554	1641000	25.0