

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021080.D
 Acq On : 03 Dec 2021 21:40
 Operator : SY/VA
 Sample : M4883-02
 Misc : 4.87g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F8

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\SFAMWLM120321SMA.M
 Title : SFAM01.0

Signal : TIC: VW021080.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	80	rVB	26978	44637	11.94%	1.502%
2	2.885	155	161	171	rVB	16486	34193	9.15%	1.151%
3	3.385	239	243	249	rVB3	780	1558	0.42%	0.052%
4	3.733	298	300	301	rBV	147	119	0.03%	0.004%
5	3.751	301	303	307	rVV	103	162	0.04%	0.005%
6	3.794	307	310	312	rVV	121	149	0.04%	0.005%
7	4.019	337	347	359	rBV2	32370	94385	25.25%	3.176%
8	4.135	361	366	372	rBV	654	1688	0.45%	0.057%
9	4.410	403	411	417	rBV4	909	2426	0.65%	0.082%
10	4.769	468	470	473	rBV	164	146	0.04%	0.005%
11	4.818	475	478	481	rBB	141	191	0.05%	0.006%
12	4.922	485	495	507	rVV	4219	13283	3.55%	0.447%
13	5.422	575	577	581	rVV	139	157	0.04%	0.005%
14	5.531	593	595	598	rBB	136	138	0.04%	0.005%
15	5.562	599	600	603	rBB	131	123	0.03%	0.004%
16	5.623	607	610	611	rBV	132	118	0.03%	0.004%
17	5.769	629	634	635	rBB	117	115	0.03%	0.004%
18	5.787	635	637	640	rBV	128	166	0.04%	0.006%
19	5.940	657	662	664	rBV3	781	1409	0.38%	0.047%
20	6.110	689	690	693	rBB3	132	114	0.03%	0.004%
21	6.153	693	697	699	rBV	130	208	0.06%	0.007%
22	6.318	721	724	726	rBV2	124	156	0.04%	0.005%
23	6.385	733	735	738	rBB	85	108	0.03%	0.004%
24	6.501	751	754	756	rVV2	116	151	0.04%	0.005%
25	6.555	760	763	764	rBV2	134	143	0.04%	0.005%
26	6.879	814	816	818	rBV	134	185	0.05%	0.006%
27	6.982	828	833	837	rBB	248	375	0.10%	0.013%
28	7.080	840	849	854	rBV	10652	28780	7.70%	0.969%
29	7.458	908	911	918	rBB	133	279	0.07%	0.009%
30	7.531	921	923	925	rBV	154	120	0.03%	0.004%
31	7.653	931	943	954	rBB	66107	163971	43.87%	5.518%
32	7.738	954	957	960	rBB	127	165	0.04%	0.006%
33	7.909	983	985	988	rBB	130	147	0.04%	0.005%
34	7.952	990	992	994	rBV	141	181	0.05%	0.006%
35	7.970	994	995	999	rVV	165	122	0.03%	0.004%
36	8.092	1012	1015	1017	rBB	122	109	0.03%	0.004%

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 Title : SFAM01.0

37	8.147	1021	1024	1026	rBV	155	143	0.04%	0.005%
38	8.275	1034	1045	1060	rBV2	118296	373761	100.00%	12.578%
39	8.555	1089	1091	1093	rVB	223	176	0.05%	0.006%
40	8.647	1104	1106	1108	rVB	154	139	0.04%	0.005%
41	8.695	1111	1114	1116	rVB2	303	403	0.11%	0.014%
42	8.842	1130	1138	1149	rBV	150568	306980	82.13%	10.331%
43	9.012	1163	1166	1169	rBV	122	185	0.05%	0.006%
44	9.086	1172	1178	1184	rBB6	2824	5724	1.53%	0.193%
45	9.140	1184	1187	1189	rBV	94	132	0.04%	0.004%
46	9.214	1196	1199	1201	rBV	236	203	0.05%	0.007%
47	9.274	1201	1209	1218	rBV	88519	176646	47.26%	5.945%
48	9.604	1260	1263	1265	rBB	120	125	0.03%	0.004%
49	9.659	1268	1272	1273	rBV2	352	446	0.12%	0.015%
50	9.720	1279	1282	1283	rBV2	125	117	0.03%	0.004%
51	9.890	1308	1310	1312	rVB2	249	188	0.05%	0.006%
52	9.957	1318	1321	1324	rVB	138	155	0.04%	0.005%
53	10.037	1325	1334	1344	rBB	41821	75455	20.19%	2.539%
54	10.128	1345	1349	1351	rBB3	256	328	0.09%	0.011%
55	10.207	1359	1362	1367	rBB2	408	584	0.16%	0.020%
56	10.323	1373	1381	1388	rBV	150849	261415	69.94%	8.798%
57	10.384	1388	1391	1398	rVV2	4909	8411	2.25%	0.283%
58	10.506	1408	1411	1415	rBB	277	341	0.09%	0.011%
59	10.579	1415	1423	1431	rBB	25825	44412	11.88%	1.495%
60	10.707	1437	1444	1453	rVB	9851	17356	4.64%	0.584%
61	10.860	1464	1469	1474	rBV	9741	16739	4.48%	0.563%
62	10.927	1474	1480	1490	rVB	43234	72624	19.43%	2.444%
63	11.067	1497	1503	1511	rVB2	5978	9974	2.67%	0.336%
64	11.195	1520	1524	1527	rVV2	309	447	0.12%	0.015%
65	11.329	1542	1546	1549	rBV	145	264	0.07%	0.009%
66	11.439	1557	1564	1572	rVB	9120	15461	4.14%	0.520%
67	11.530	1576	1579	1582	rBV	140	214	0.06%	0.007%
68	11.634	1588	1596	1605	rBV	190287	328118	87.79%	11.042%
69	11.731	1605	1612	1617	rBV3	998	2079	0.56%	0.070%
70	11.780	1619	1620	1624	rBV3	315	395	0.11%	0.013%
71	11.835	1624	1629	1635	rVV	3815	6396	1.71%	0.215%
72	12.097	1666	1672	1673	rBV2	726	927	0.25%	0.031%
73	12.164	1679	1683	1690	rVB2	1723	2994	0.80%	0.101%
74	12.256	1697	1698	1703	rBB2	100	140	0.04%	0.005%
75	12.463	1730	1732	1734	rBB	237	177	0.05%	0.006%
76	12.603	1749	1755	1762	rBV2	36862	59268	15.86%	1.995%

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 Title : SFAM01.0

77	12.695	1763	1770	1779	rVB	63826	106886	28.60%	3.597%
78	12.804	1783	1788	1791	rVB2	225	391	0.10%	0.013%
79	12.890	1794	1802	1805	rBV6	1487	3622	0.97%	0.122%
80	13.195	1846	1852	1855	rBV4	337	590	0.16%	0.020%
81	13.249	1857	1861	1864	rBV	2264	3193	0.85%	0.107%
82	13.286	1864	1867	1873	rVB3	4532	7793	2.09%	0.262%
83	13.560	1905	1912	1921	rBV	162556	264276	70.71%	8.894%
84	13.646	1922	1926	1936	rVB	5677	10438	2.79%	0.351%
85	13.853	1953	1960	1966	rBV	116179	191177	51.15%	6.434%
86	14.066	1990	1995	2002	rVB2	15517	25232	6.75%	0.849%
87	15.206	2181	2182	2184	rVB	557	375	0.10%	0.013%
88	15.359	2201	2207	2214	rBV	57109	102584	27.45%	3.452%
89	15.432	2214	2219	2223	rVV2	7992	13660	3.65%	0.460%
90	15.487	2223	2228	2235	rVV2	14663	26025	6.96%	0.876%
91	15.542	2235	2237	2243	rVB3	742	1113	0.30%	0.037%
92	15.627	2248	2251	2252	rBV2	835	904	0.24%	0.030%
93	15.792	2275	2278	2279	rBV2	218	220	0.06%	0.007%
94	15.853	2287	2288	2291	rVB2	262	193	0.05%	0.006%
95	16.023	2314	2316	2317	rBV	167	130	0.03%	0.004%
96	16.078	2323	2325	2328	rBV2	155	168	0.04%	0.006%
97	16.371	2372	2373	2376	rVB	241	158	0.04%	0.005%
98	16.438	2376	2384	2392	rBV2	10581	22302	5.97%	0.751%
99	16.639	2410	2417	2423	rVB2	4580	9344	2.50%	0.314%
100	16.749	2433	2435	2436	rBV	256	154	0.04%	0.005%

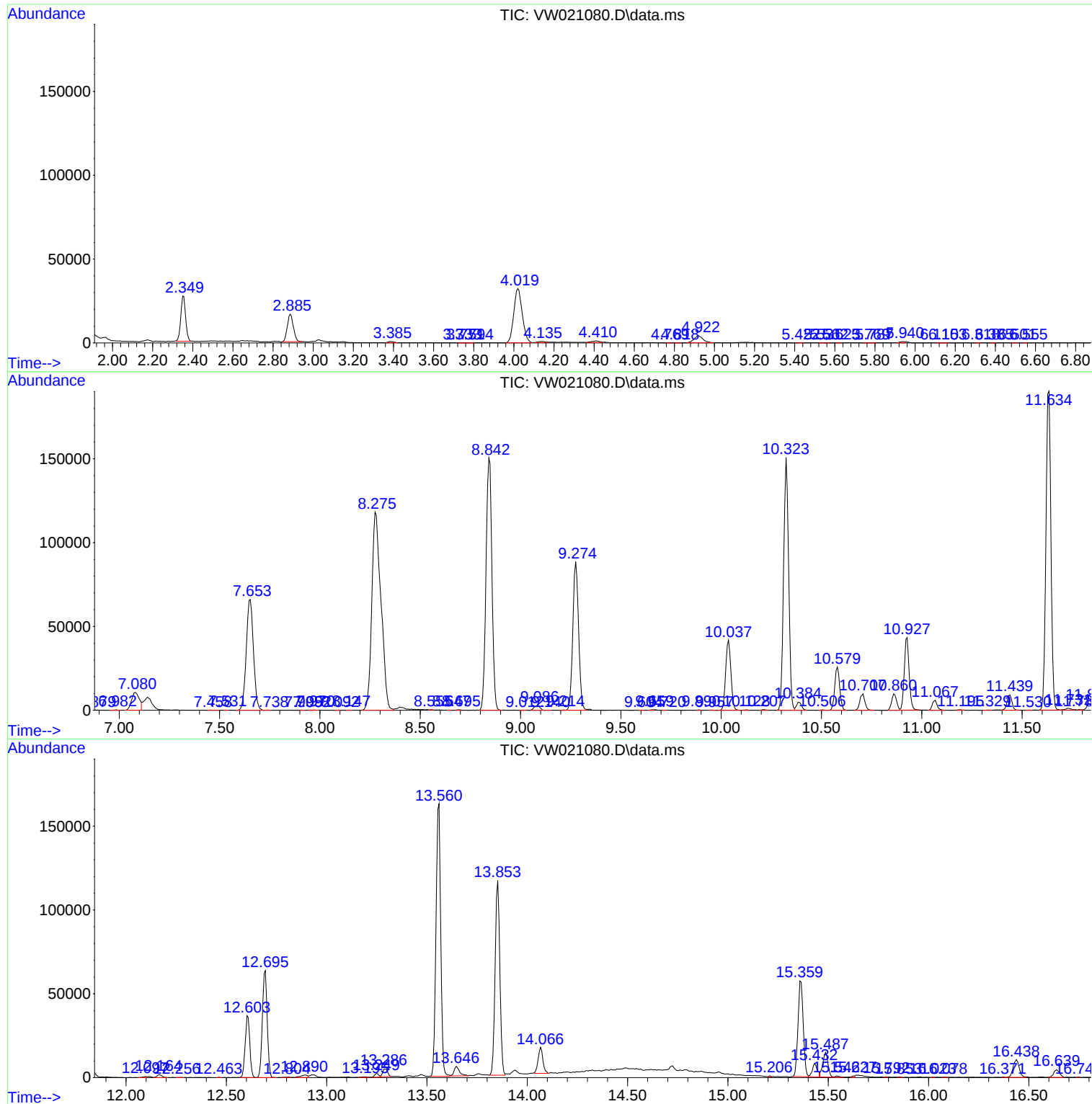
Sum of corrected areas: 2971447

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



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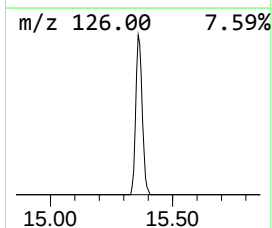
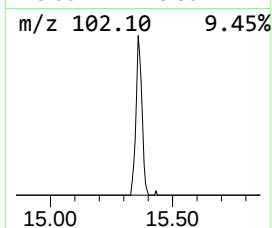
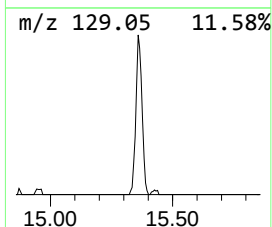
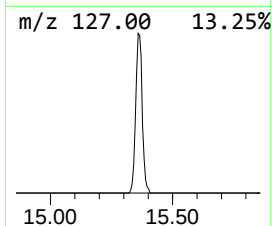
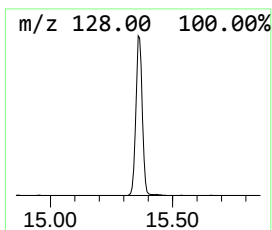
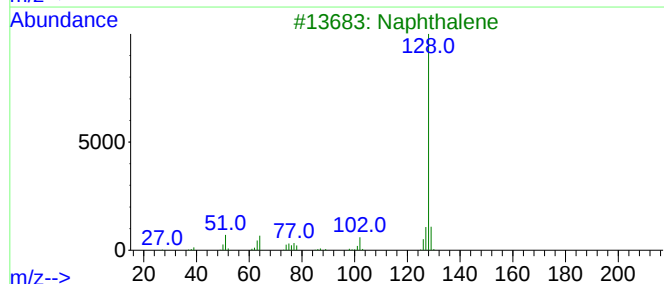
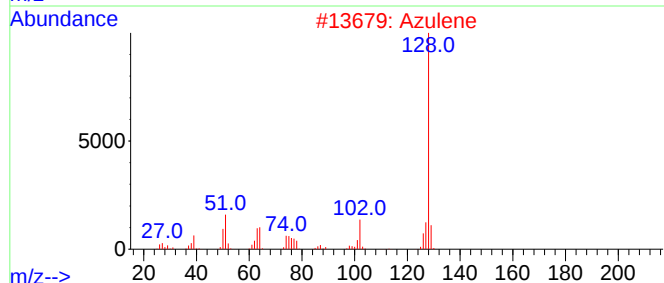
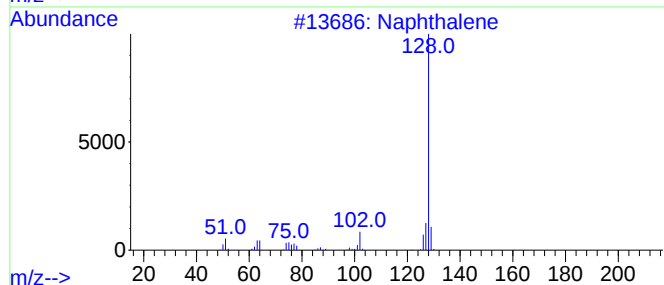
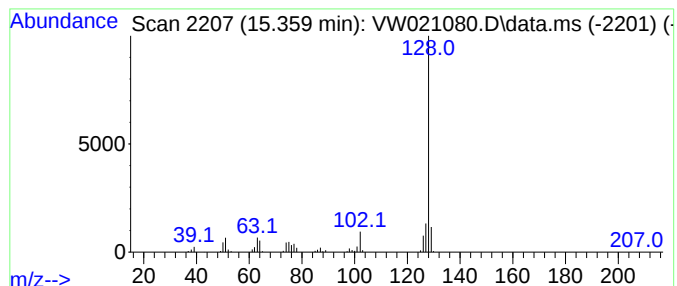
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	9.70 ug/L	102584	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			Naphthalene	128	C10H8	000091-20-3	91
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5			Azulene	128	C10H8	000275-51-4	91



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Instrument :
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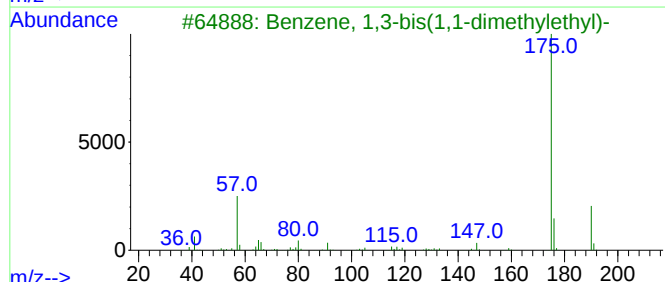
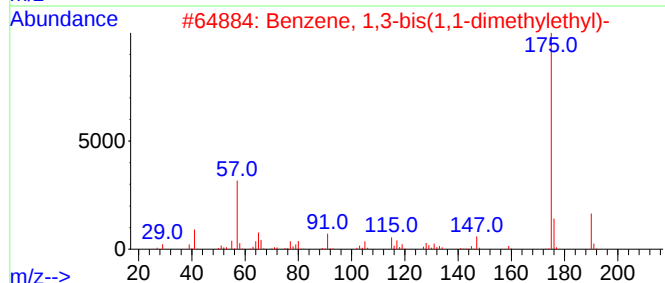
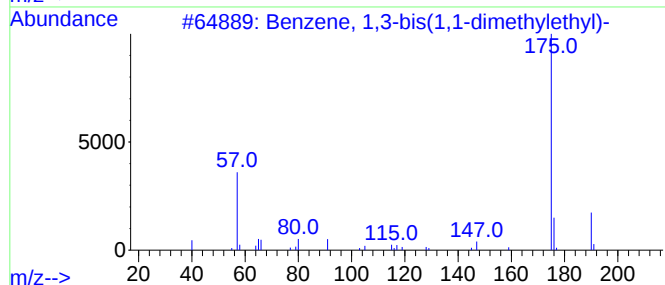
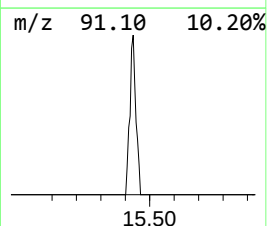
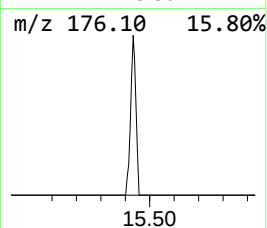
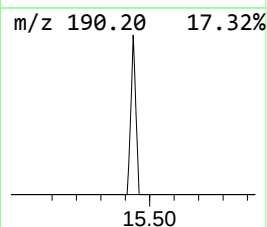
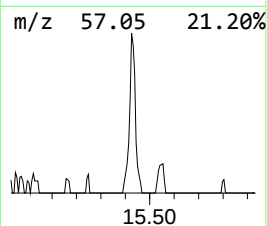
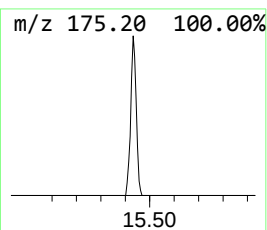
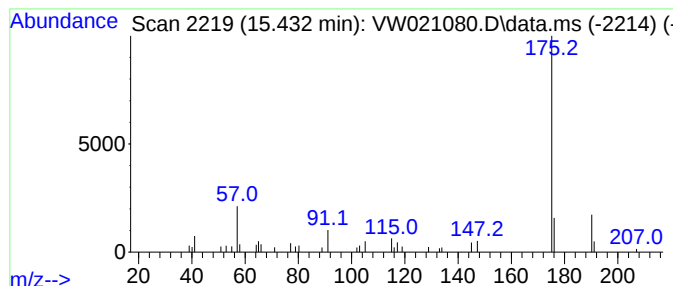
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.29 ug/L	13660	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
4			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83



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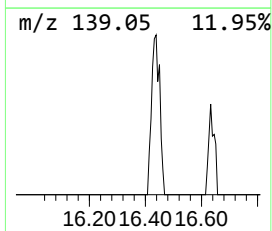
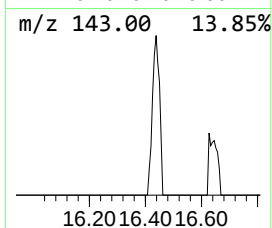
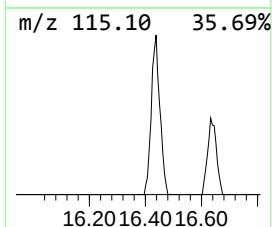
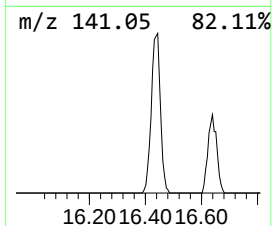
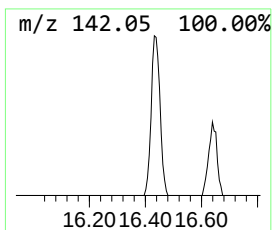
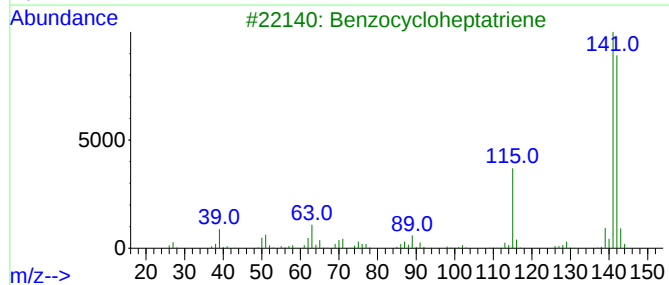
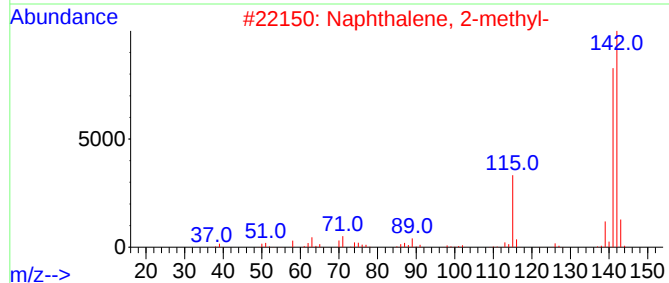
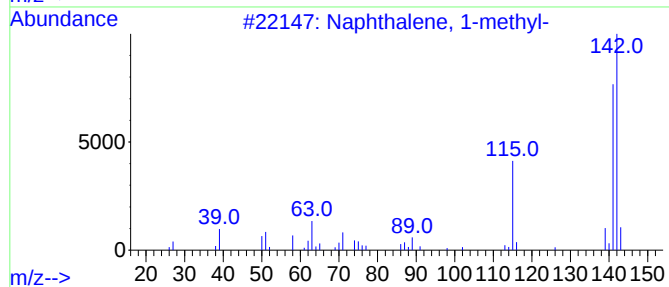
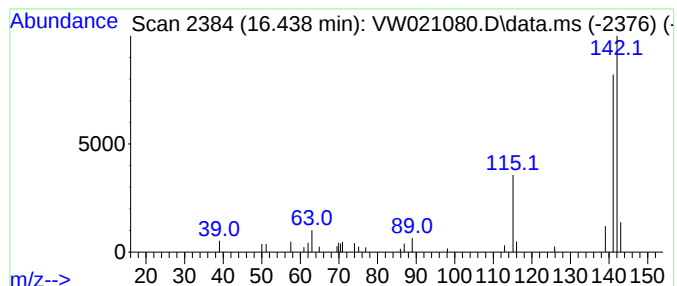
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	2.11 ug/L	22302	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021080.D
Acq On : 03 Dec 2021 21:40
Operator : SY/VA
Sample : M4883-02
Misc : 4.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9F8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Azulene	15.359	9.7	ug/L	102584	3	13.560	264276	25.0
Benzene, 1,3-bi...	15.432	1.3	ug/L	13660	3	13.560	264276	25.0
Naphthalene, 1-...	16.438	2.1	ug/L	22302	3	13.560	264276	25.0