

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021451.D
 Acq On : 18 Dec 2021 03:40
 Operator : SY/VA
 Sample : M5153-01
 Misc : 6.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL66

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	38	40	47	rVB4	613	1190	0.35%	0.043%
2	2.349	68	73	79	rVB	16179	25669	7.52%	0.929%
3	2.879	154	160	169	rBV	10372	21152	6.20%	0.766%
4	2.977	174	176	179	rBV3	478	665	0.19%	0.024%
5	3.379	240	242	243	rBV2	151	145	0.04%	0.005%
6	3.861	320	321	326	rVB	99	152	0.04%	0.006%
7	3.916	326	330	331	rBV	81	134	0.04%	0.005%
8	4.013	337	346	359	rVV	26914	73287	21.47%	2.653%
9	4.135	359	366	370	rBV	407	679	0.20%	0.025%
10	4.617	438	445	451	rBV3	738	1765	0.52%	0.064%
11	4.732	462	464	466	rBV	148	172	0.05%	0.006%
12	4.800	474	475	478	rVV	131	150	0.04%	0.005%
13	4.915	484	494	508	rVB2	6172	19500	5.71%	0.706%
14	5.086	518	522	525	rVB2	166	276	0.08%	0.010%
15	5.171	533	536	538	rBV	163	175	0.05%	0.006%
16	5.257	547	550	554	rVB2	122	178	0.05%	0.006%
17	5.330	559	562	563	rVB2	161	171	0.05%	0.006%
18	5.421	573	577	579	rBV	124	172	0.05%	0.006%
19	5.488	587	588	591	rBB	162	127	0.04%	0.005%
20	5.562	598	600	604	rBB2	125	183	0.05%	0.007%
21	5.818	639	642	644	rBV2	135	191	0.06%	0.007%
22	5.891	651	654	656	rVV	139	180	0.05%	0.007%
23	5.927	656	660	661	rVV2	409	540	0.16%	0.020%
24	5.940	661	662	667	rVV3	518	676	0.20%	0.024%
25	5.982	667	669	670	rVV	178	129	0.04%	0.005%
26	6.062	680	682	685	rVB2	154	181	0.05%	0.007%
27	6.275	714	717	719	rBV	110	142	0.04%	0.005%
28	6.330	724	726	729	rBB	186	137	0.04%	0.005%
29	6.372	730	733	737	rBB2	125	168	0.05%	0.006%
30	6.421	737	741	744	rBB2	148	202	0.06%	0.007%
31	6.641	774	777	779	rBB	158	170	0.05%	0.006%
32	6.903	817	820	825	rBB2	145	262	0.08%	0.009%
33	6.952	825	828	832	rBB2	146	213	0.06%	0.008%
34	6.994	833	835	839	rBV	104	151	0.04%	0.005%
35	7.080	839	849	857	rBV	8361	23817	6.98%	0.862%
36	7.195	867	868	872	rVB	372	363	0.11%	0.013%

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37	7.250	874	877	879	rVV	174	165	0.05%	0.006%
38	7.299	882	885	887	rBV	142	181	0.05%	0.007%
39	7.409	901	903	904	rBV	144	130	0.04%	0.005%
40	7.519	917	921	923	rVV2	111	153	0.04%	0.006%
41	7.647	933	942	953	rVB	51482	123531	36.19%	4.472%
42	7.781	962	964	967	rVB	115	128	0.04%	0.005%
43	7.872	974	979	980	rBB	162	173	0.05%	0.006%
44	7.951	989	992	993	rBV	155	133	0.04%	0.005%
45	7.994	997	999	1000	rBV	137	126	0.04%	0.005%
46	8.207	1030	1034	1036	rBV	145	178	0.05%	0.006%
47	8.275	1036	1045	1058	rBV2	91198	284961	83.48%	10.317%
48	8.488	1078	1080	1083	rVB2	437	344	0.10%	0.012%
49	8.561	1090	1092	1093	rVB	476	211	0.06%	0.008%
50	8.573	1093	1094	1095	rBV	227	156	0.05%	0.006%
51	8.762	1122	1125	1126	rBB	140	125	0.04%	0.005%
52	8.842	1130	1138	1148	rBV	99897	193127	56.58%	6.992%
53	8.988	1160	1162	1167	rBB	153	164	0.05%	0.006%
54	9.073	1175	1176	1179	rVB	184	134	0.04%	0.005%
55	9.171	1190	1192	1195	rVB	154	164	0.05%	0.006%
56	9.274	1199	1209	1218	rBV	69835	140170	41.06%	5.075%
57	9.335	1218	1219	1221	rVV	190	148	0.04%	0.005%
58	9.354	1221	1222	1226	rVB	209	155	0.05%	0.006%
59	9.390	1227	1228	1231	rBV	170	198	0.06%	0.007%
60	9.646	1264	1270	1272	rBB	108	134	0.04%	0.005%
61	9.756	1285	1288	1293	rBB3	618	932	0.27%	0.034%
62	9.860	1302	1305	1306	rVV	159	205	0.06%	0.007%
63	9.890	1306	1310	1316	rVV3	1485	2802	0.82%	0.101%
64	10.036	1327	1334	1342	rBV	29101	52409	15.35%	1.897%
65	10.097	1342	1344	1349	rVB	326	327	0.10%	0.012%
66	10.250	1364	1369	1373	rBV3	759	1343	0.39%	0.049%
67	10.323	1373	1381	1388	rBV	134211	235295	68.93%	8.519%
68	10.384	1388	1391	1396	rVB3	1635	2655	0.78%	0.096%
69	10.506	1407	1411	1415	rVB	1547	2236	0.66%	0.081%
70	10.579	1415	1423	1431	rBB	19413	33873	9.92%	1.226%
71	10.701	1437	1443	1450	rVB2	2116	3803	1.11%	0.138%
72	10.780	1450	1456	1457	rBV3	321	517	0.15%	0.019%
73	10.859	1467	1469	1473	rBV3	108	132	0.04%	0.005%
74	10.927	1473	1480	1489	rBV	25331	45605	13.36%	1.651%
75	11.030	1495	1497	1498	rVB	237	130	0.04%	0.005%
76	11.061	1498	1502	1506	rBV4	741	1126	0.33%	0.041%

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77	11.134	1511	1514	1517	rVB2	299	296	0.09%	0.011%
78	11.164	1517	1519	1522	rBV2	240	314	0.09%	0.011%
79	11.231	1527	1530	1532	rBV	338	398	0.12%	0.014%
80	11.292	1532	1540	1541	rBV4	1084	2281	0.67%	0.083%
81	11.329	1541	1546	1547	rBV4	2245	2851	0.84%	0.103%
82	11.628	1588	1595	1602	rBV	151823	254796	74.64%	9.225%
83	12.274	1699	1701	1703	rBV3	369	257	0.08%	0.009%
84	12.304	1704	1706	1707	rBV2	470	346	0.10%	0.013%
85	12.353	1712	1714	1715	rBV2	765	532	0.16%	0.019%
86	12.420	1716	1725	1728	rBV4	3598	10579	3.10%	0.383%
87	12.603	1750	1755	1760	rVB3	3420	6644	1.95%	0.241%
88	12.688	1763	1769	1776	rVB	59731	99836	29.25%	3.614%
89	12.883	1789	1801	1803	rBV5	9846	34526	10.11%	1.250%
90	13.188	1843	1851	1855	rBV3	3136	6397	1.87%	0.232%
91	13.554	1905	1911	1917	rBV	144703	231324	67.77%	8.375%
92	13.853	1953	1960	1967	rBV	107273	185575	54.37%	6.719%
93	14.200	2011	2017	2019	rBV7	1419	3039	0.89%	0.110%
94	14.645	2085	2090	2093	rBV7	1568	3194	0.94%	0.116%
95	15.359	2202	2207	2213	rBV	16882	29830	8.74%	1.080%
96	15.633	2242	2252	2262	rBV4	13709	53364	15.63%	1.932%
97	16.121	2323	2332	2340	rBV6	6245	22944	6.72%	0.831%
98	16.358	2362	2371	2376	rBV3	12707	40885	11.98%	1.480%
99	16.432	2376	2383	2398	rVB	149313	341346	100.00%	12.358%
100	16.639	2409	2417	2426	rBV	60031	128651	37.69%	4.658%

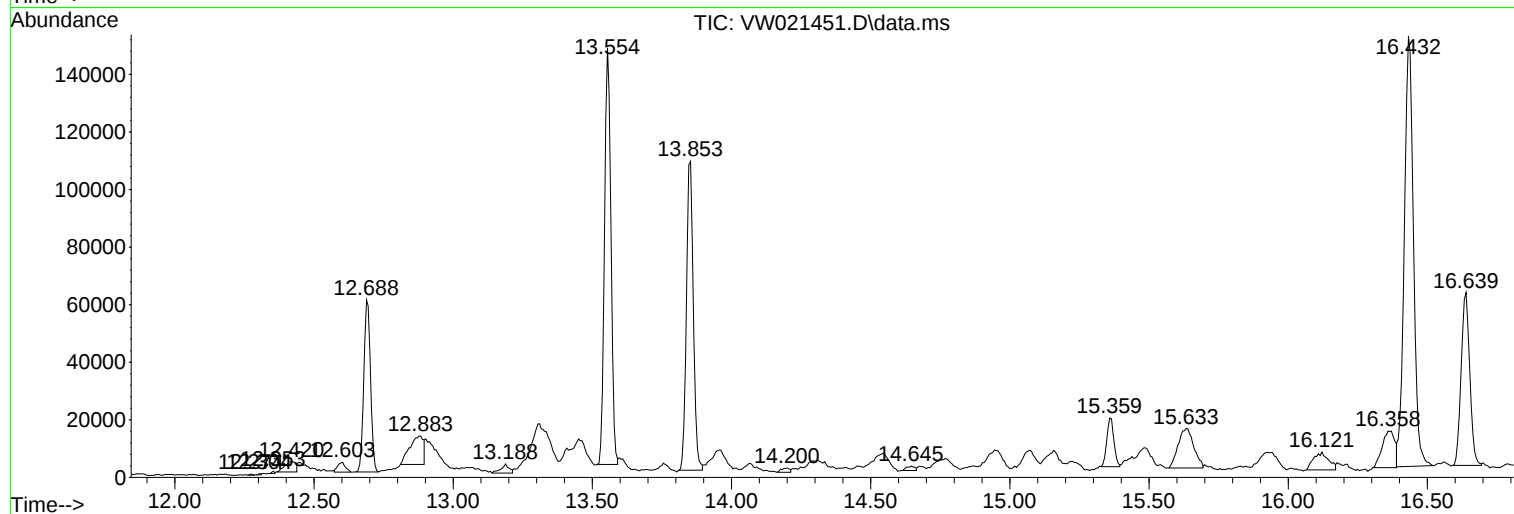
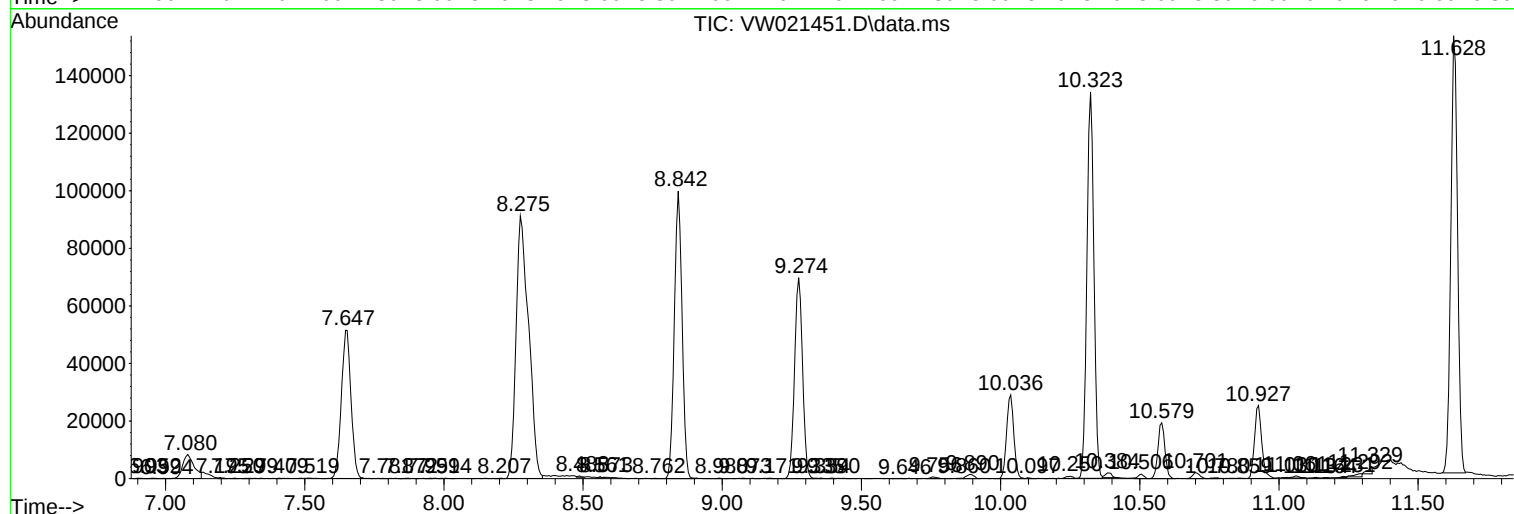
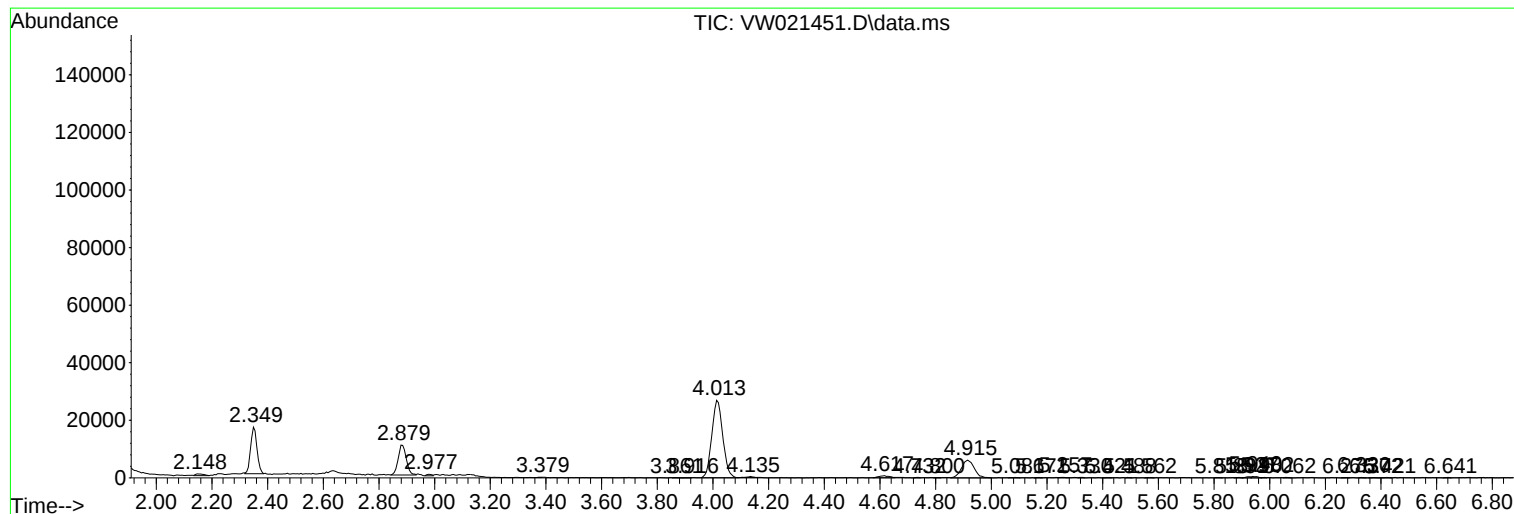
Sum of corrected areas: 2762148

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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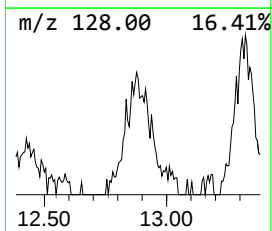
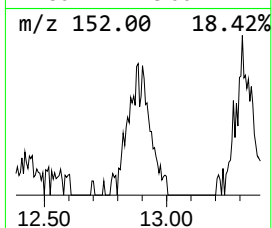
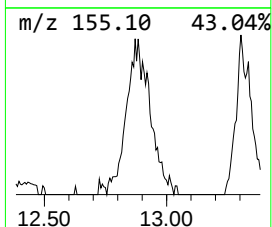
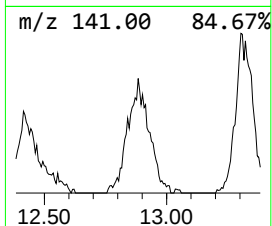
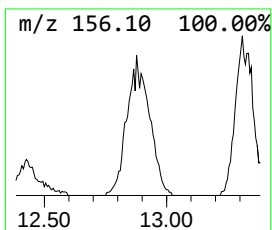
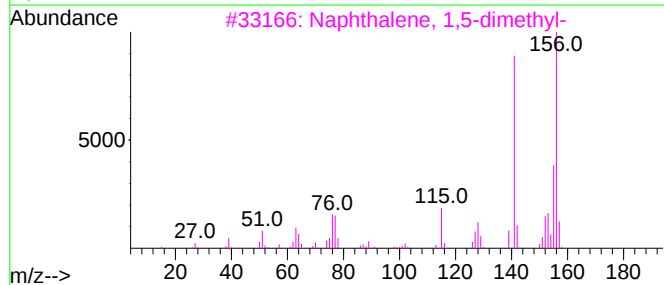
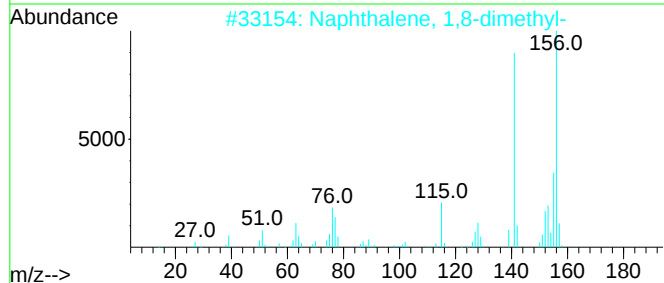
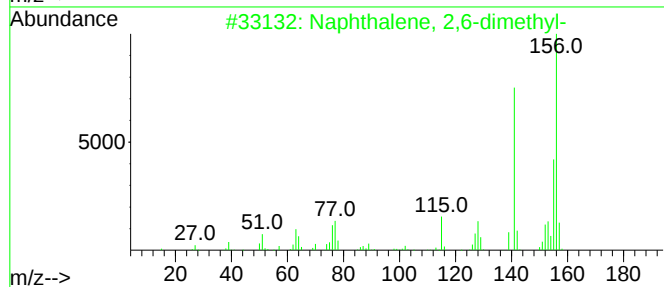
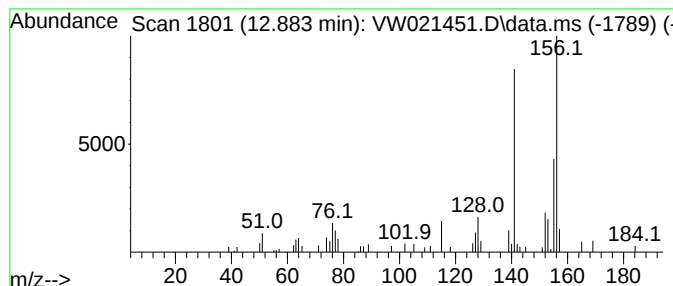
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	3.73 ug/L	34526	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



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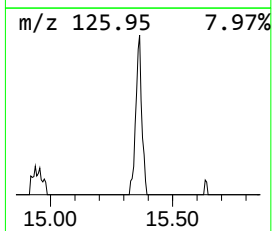
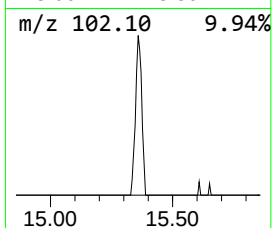
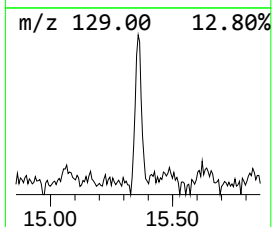
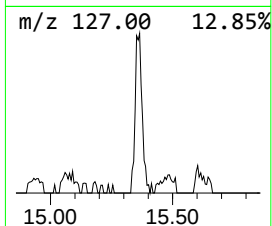
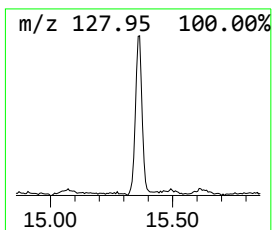
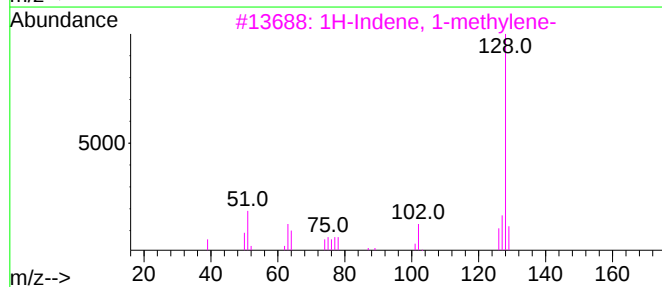
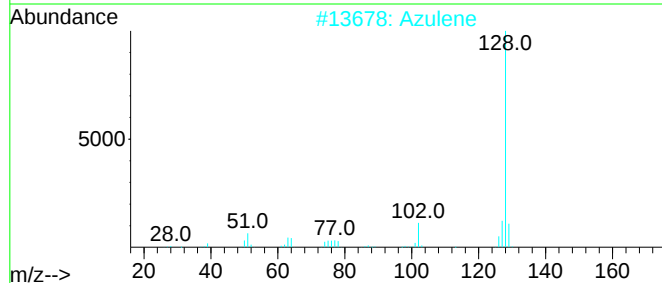
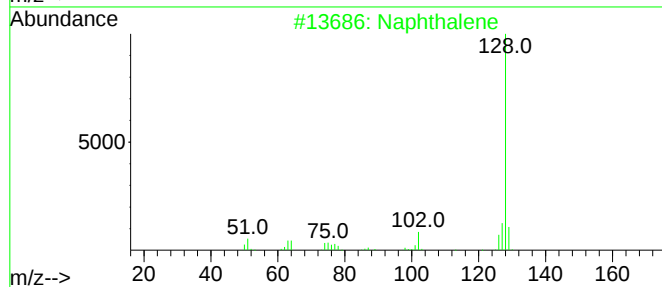
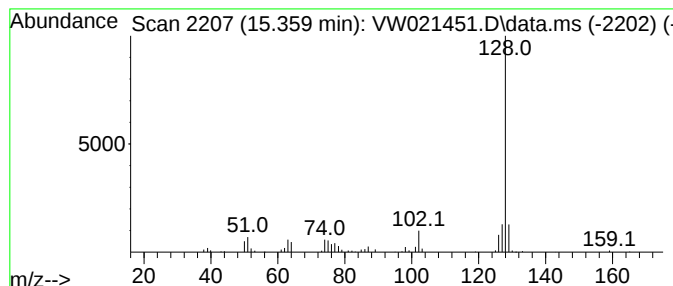
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	3.22 ug/L	29830	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
4			Naphthalene	128	C10H8	000091-20-3	94
5			Azulene	128	C10H8	000275-51-4	91



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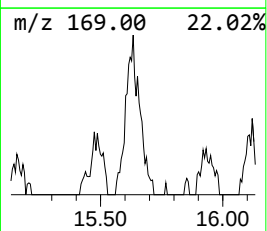
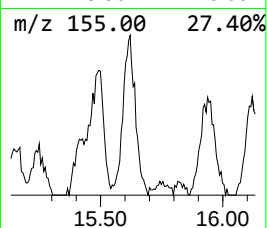
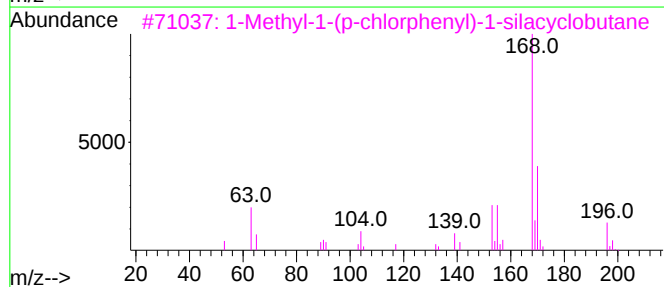
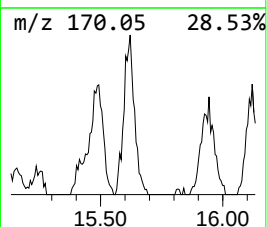
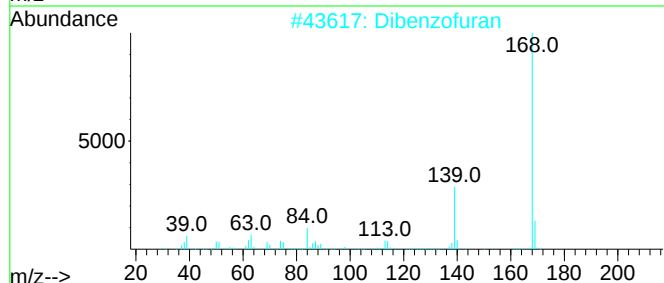
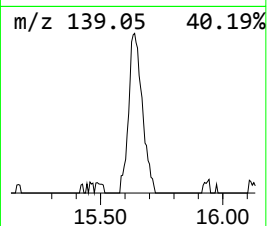
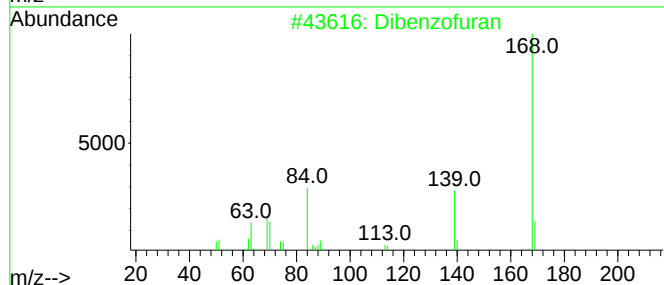
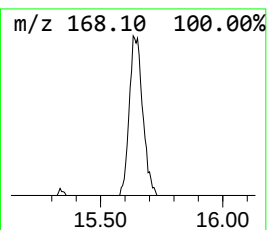
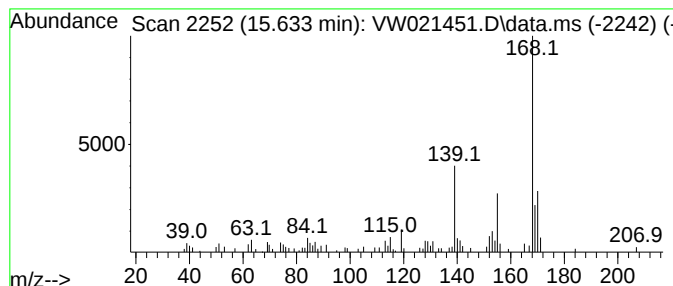
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	5.77 ug/L	53364	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	47
2			Dibenzofuran	168	C12H8O	000132-64-9	45
3			1-Methyl-1-(p-chlorophenyl)-1-sil...	196	C10H13ClSi	057465-49-3	40
4			1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	38
5			2,4-Dimethoxybenzyl alcohol	168	C9H12O3	007314-44-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021451.D
Acq On : 18 Dec 2021 03:40
Operator : SY/VA
Sample : M5153-01
Misc : 6.91g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL66

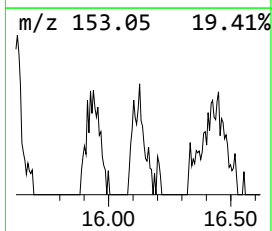
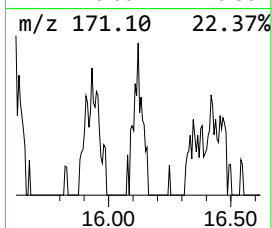
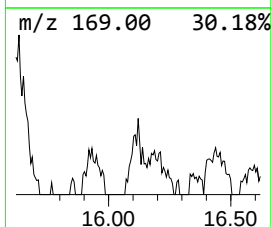
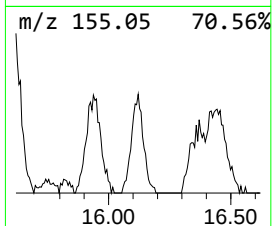
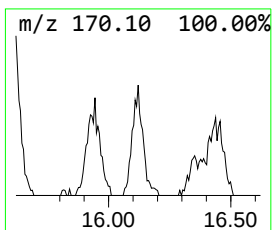
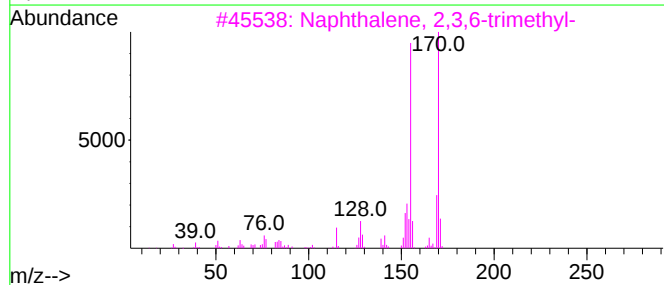
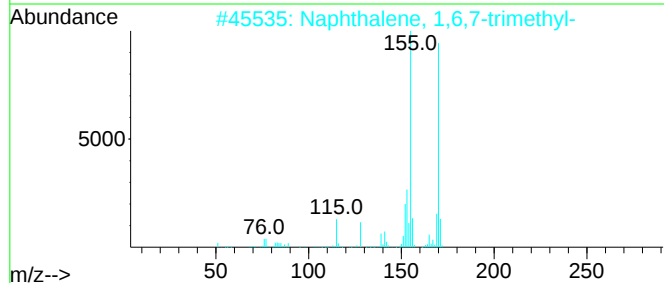
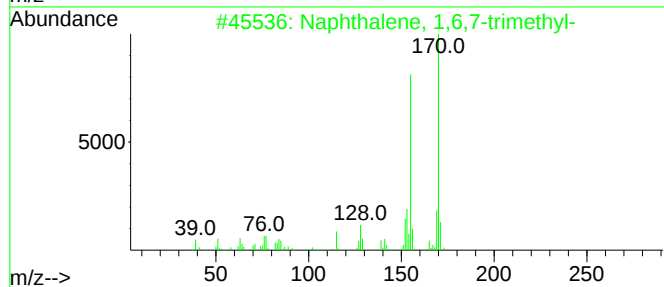
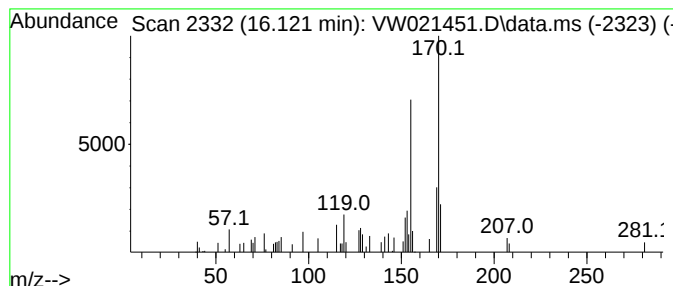
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	2.48 ug/L	22944	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021451.D
Acq On : 18 Dec 2021 03:40
Operator : SY/VA
Sample : M5153-01
Misc : 6.91g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL66

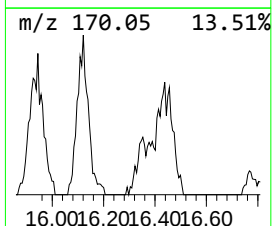
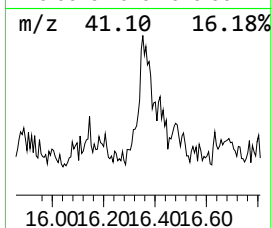
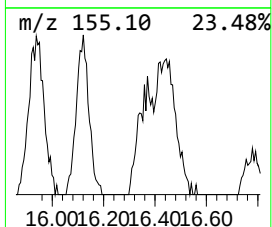
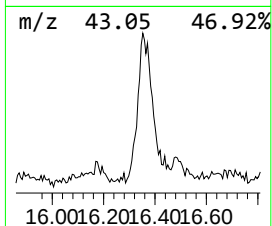
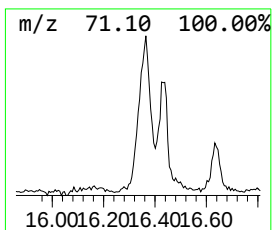
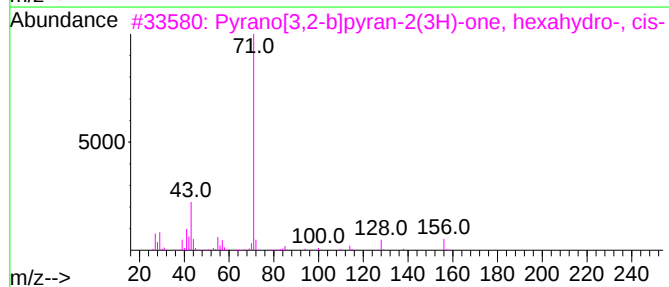
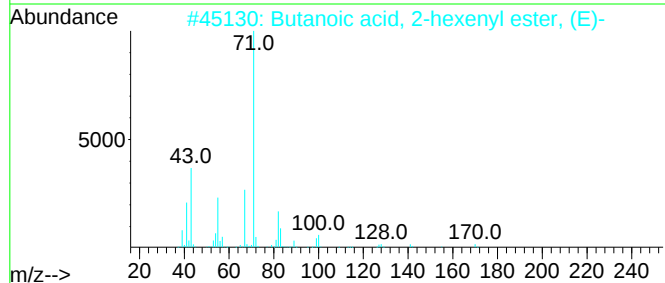
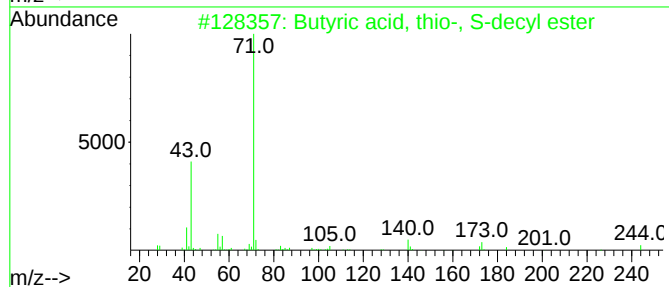
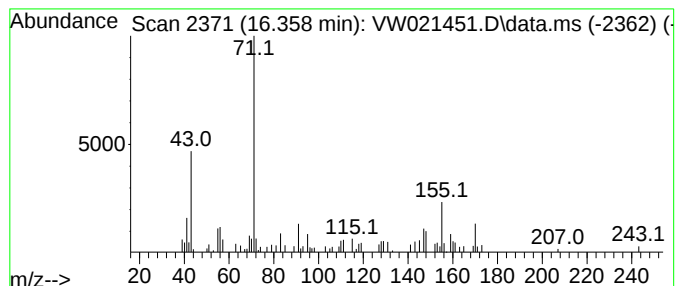
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.358	4.42 ug/L	40885	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyric acid, thio-, S-decyl ester	244	C14H28OS	002432-55-5	43
2			Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	053398-83-7	43
3			Pyrano[3,2-b]pyran-2(3H)-one, he...	156	C8H12O3	060378-32-7	43
4			Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	056922-77-1	43
5			(2R,3R)-2,3-Dihydroxybutanedioic...	248	C10H16O7	1000462-99-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021451.D
Acq On : 18 Dec 2021 03:40
Operator : SY/VA
Sample : M5153-01
Misc : 6.91g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL66

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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
Naphthalene, 2,...	12.884	3.7	ug/L	34526	3	13.554	231324	25.0
Azulene	15.359	3.2	ug/L	29830	3	13.554	231324	25.0
unknown-01	15.633	5.8	ug/L	53364	3	13.554	231324	25.0
Naphthalene, 1,...	16.121	2.5	ug/L	22944	3	13.554	231324	25.0
unknown-02	16.358	4.4	ug/L	40885	3	13.554	231324	25.0