

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021450.D
 Acq On : 18 Dec 2021 03:16
 Operator : SY/VA
 Sample : M5153-04
 Misc : 6.14g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL69

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: VW021450.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	45	rBV2	758	1129	0.20%	0.020%
2	2.349	67	73	80	rVB	44746	72092	12.72%	1.268%
3	2.879	153	160	169	rVB	22887	46856	8.27%	0.824%
4	3.367	237	240	241	rBV	252	200	0.04%	0.004%
5	3.654	285	287	290	rVB	120	145	0.03%	0.003%
6	3.696	290	294	296	rBV	128	211	0.04%	0.004%
7	3.891	323	326	328	rBV	172	173	0.03%	0.003%
8	4.013	335	346	360	rVV2	63634	186847	32.96%	3.288%
9	4.117	362	363	366	rBV3	145	161	0.03%	0.003%
10	4.251	382	385	386	rVV	166	194	0.03%	0.003%
11	4.373	403	405	408	rBV	165	194	0.03%	0.003%
12	4.586	437	440	443	rBB	84	125	0.02%	0.002%
13	4.641	447	449	452	rVB	91	122	0.02%	0.002%
14	4.672	452	454	457	rBV	196	256	0.05%	0.005%
15	4.696	457	458	462	rVV	127	119	0.02%	0.002%
16	4.763	466	469	472	rBB2	167	225	0.04%	0.004%
17	4.794	472	474	476	rBV2	118	134	0.02%	0.002%
18	4.836	479	481	484	rBV2	151	218	0.04%	0.004%
19	4.910	484	493	506	rVV	8479	26066	4.60%	0.459%
20	5.031	510	513	514	rVB	166	158	0.03%	0.003%
21	5.086	520	522	527	rVB	143	226	0.04%	0.004%
22	5.153	532	533	535	rBV	151	122	0.02%	0.002%
23	5.233	544	546	548	rBB	141	131	0.02%	0.002%
24	5.275	551	553	555	rVB	120	120	0.02%	0.002%
25	5.434	576	579	584	rBV	204	308	0.05%	0.005%
26	5.513	591	592	596	rBB	159	135	0.02%	0.002%
27	5.562	597	600	601	rBV	172	192	0.03%	0.003%
28	5.580	601	603	606	rVV	122	126	0.02%	0.002%
29	5.659	614	616	619	rVB	142	150	0.03%	0.003%
30	5.708	619	624	625	rBV2	123	175	0.03%	0.003%
31	5.812	640	641	644	rBV	151	202	0.04%	0.004%
32	5.842	644	646	648	rVB	162	160	0.03%	0.003%
33	5.879	648	652	653	rBV	153	209	0.04%	0.004%
34	5.940	656	662	670	rVV4	1176	2896	0.51%	0.051%
35	6.007	672	673	678	rVB	138	195	0.03%	0.003%
36	6.135	692	694	698	rVB	161	177	0.03%	0.003%

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

37	6.196	702	704	707	rBB	119	124	0.02%	0.002%
38	6.226	707	709	711	rBV	147	166	0.03%	0.003%
39	6.379	732	734	735	rBV	157	121	0.02%	0.002%
40	6.446	743	745	748	rVB	145	170	0.03%	0.003%
41	6.623	769	774	778	rBV2	158	349	0.06%	0.006%
42	6.696	784	786	789	rVB	133	139	0.02%	0.002%
43	6.879	814	816	820	rBV	156	216	0.04%	0.004%
44	7.080	841	849	858	rBV	10875	33473	5.90%	0.589%
45	7.348	890	893	896	rBV	154	239	0.04%	0.004%
46	7.403	899	902	903	rBV	153	158	0.03%	0.003%
47	7.537	921	924	925	rVB	132	119	0.02%	0.002%
48	7.647	932	942	957	rBB	97171	231585	40.85%	4.075%
49	7.781	962	964	967	rVB	120	144	0.03%	0.003%
50	7.848	973	975	977	rVB	206	147	0.03%	0.003%
51	7.879	978	980	983	rBB	138	125	0.02%	0.002%
52	7.915	983	986	988	rBB	141	173	0.03%	0.003%
53	7.952	989	992	995	rBB	151	180	0.03%	0.003%
54	8.025	1003	1004	1007	rBV	141	140	0.02%	0.002%
55	8.080	1011	1013	1015	rBV	180	159	0.03%	0.003%
56	8.275	1035	1045	1059	rBV2	183502	549045	96.86%	9.661%
57	8.506	1081	1083	1084	rVB	212	129	0.02%	0.002%
58	8.586	1094	1096	1099	rVB	263	134	0.02%	0.002%
59	8.610	1099	1100	1104	rVB	252	226	0.04%	0.004%
60	8.738	1118	1121	1123	rBV	131	142	0.03%	0.002%
61	8.842	1129	1138	1148	rBV	210242	406716	71.75%	7.156%
62	9.025	1165	1168	1169	rBV	134	124	0.02%	0.002%
63	9.055	1169	1173	1174	rBV	129	146	0.03%	0.003%
64	9.086	1174	1178	1180	rBV	282	372	0.07%	0.007%
65	9.110	1180	1182	1183	rVB	239	128	0.02%	0.002%
66	9.153	1187	1189	1192	rVB2	177	175	0.03%	0.003%
67	9.220	1195	1200	1201	rBV2	448	395	0.07%	0.007%
68	9.275	1201	1209	1218	rBV	119437	244451	43.12%	4.301%
69	9.433	1232	1235	1237	rBB	174	166	0.03%	0.003%
70	9.464	1237	1240	1242	rBV	143	190	0.03%	0.003%
71	9.494	1242	1245	1250	rBV3	215	283	0.05%	0.005%
72	9.543	1250	1253	1255	rVB	221	202	0.04%	0.004%
73	9.567	1255	1257	1258	rBB	174	125	0.02%	0.002%
74	9.598	1261	1262	1263	rBV	280	124	0.02%	0.002%
75	9.610	1263	1264	1269	rBV	186	248	0.04%	0.004%
76	9.665	1271	1273	1277	rVB2	335	458	0.08%	0.008%

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 Title : SFAM01.0

77	9.714	1277	1281	1282	rBV2	383	345	0.06%	0.006%
78	9.750	1285	1287	1288	rBV	416	378	0.07%	0.007%
79	9.793	1293	1294	1297	rBV2	257	174	0.03%	0.003%
80	9.896	1306	1311	1315	rVB3	790	1418	0.25%	0.025%
81	9.951	1319	1320	1324	rBB	195	191	0.03%	0.003%
82	10.037	1324	1334	1342	rBV	56943	104811	18.49%	1.844%
83	10.098	1342	1344	1345	rBV2	411	340	0.06%	0.006%
84	10.159	1352	1354	1355	rBV2	456	417	0.07%	0.007%
85	10.323	1373	1381	1388	rBV	277328	493938	87.14%	8.691%
86	10.384	1388	1391	1398	rVB	4027	6517	1.15%	0.115%
87	10.579	1416	1423	1432	rBV	36862	66270	11.69%	1.166%
88	10.701	1439	1443	1449	rVB2	2127	3844	0.68%	0.068%
89	10.768	1452	1454	1456	rBV3	697	653	0.12%	0.011%
90	10.921	1474	1479	1490	rBV	48354	94338	16.64%	1.660%
91	11.628	1589	1595	1617	rVB	305438	566859	100.00%	9.974%
92	12.689	1764	1769	1776	rVB	96434	162937	28.74%	2.867%
93	13.323	1859	1873	1884	rBV3	105076	469218	82.78%	8.256%
94	13.554	1906	1911	1918	rVB	306067	475190	83.83%	8.361%
95	13.853	1953	1960	1968	rBV	216611	395704	69.81%	6.962%
96	15.066	2153	2159	2166	rBV2	20498	60470	10.67%	1.064%
97	15.359	2202	2207	2213	rBV	36830	62791	11.08%	1.105%
98	15.633	2243	2252	2264	rVB5	26275	104455	18.43%	1.838%
99	16.432	2376	2383	2397	rVB	249100	565628	99.78%	9.952%
100	16.633	2409	2416	2425	rVB	104488	233449	41.18%	4.108%

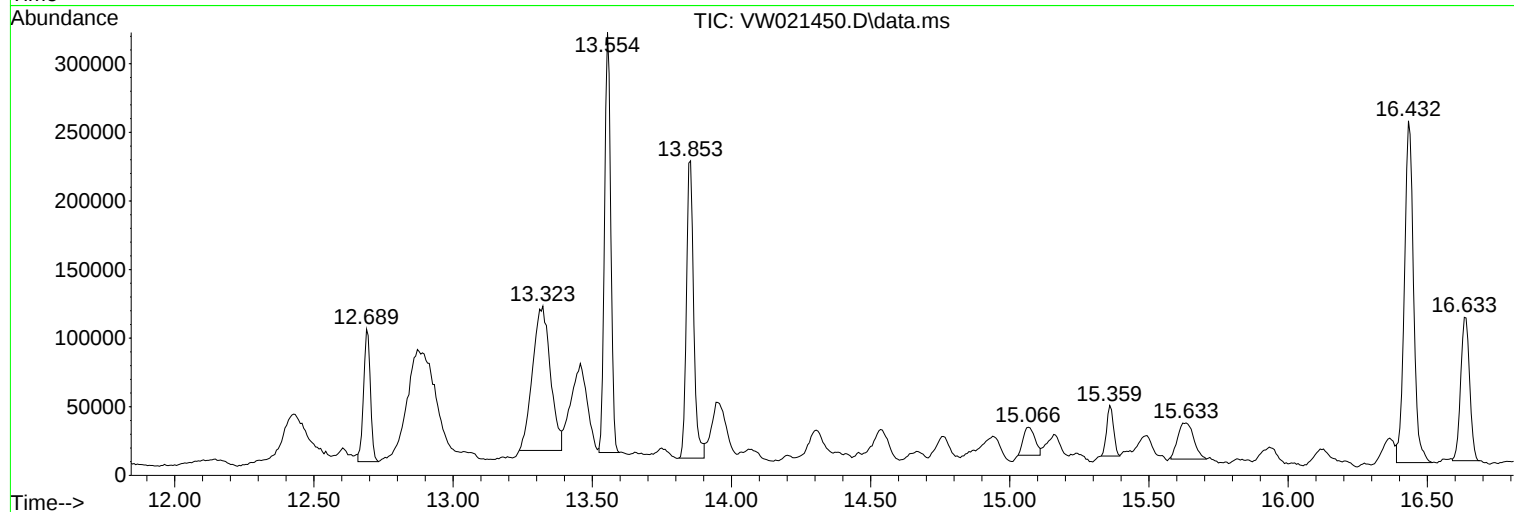
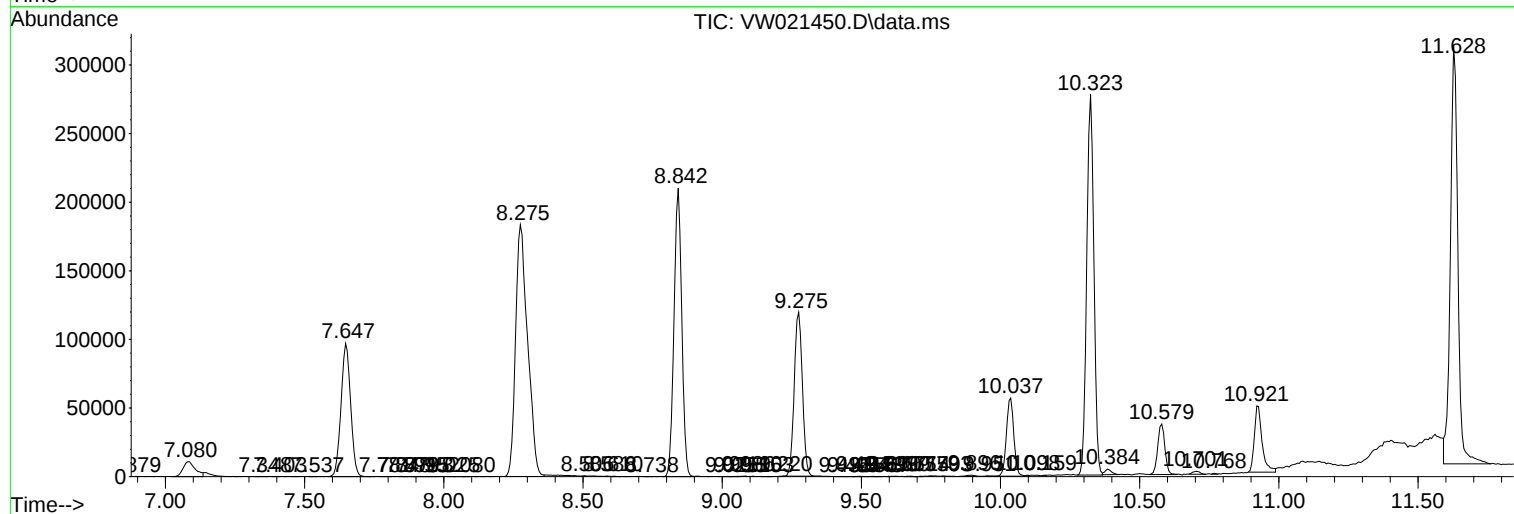
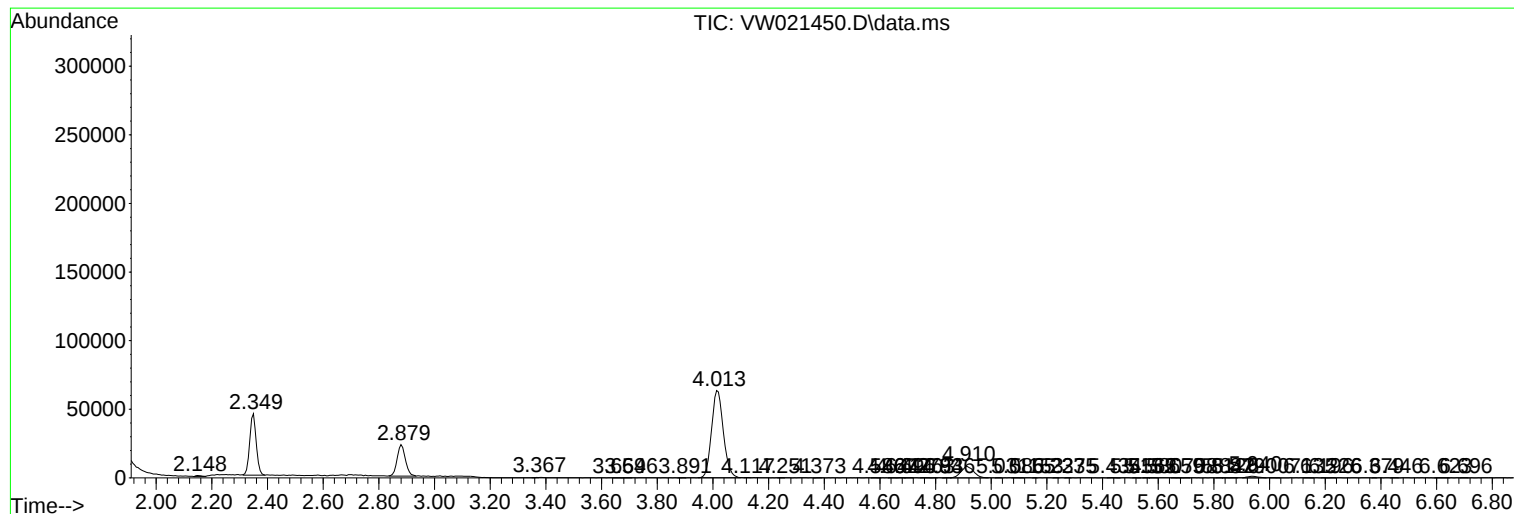
Sum of corrected areas: 5683390

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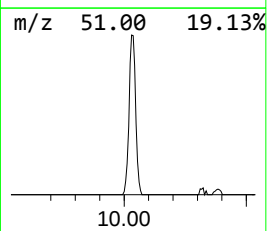
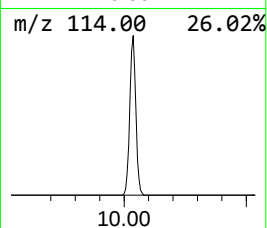
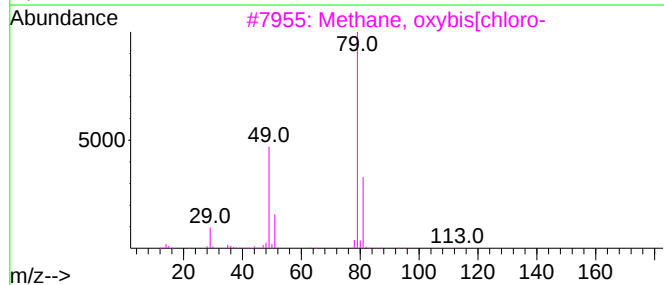
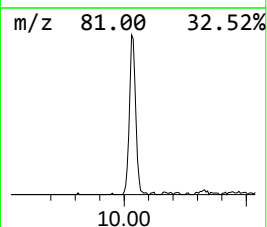
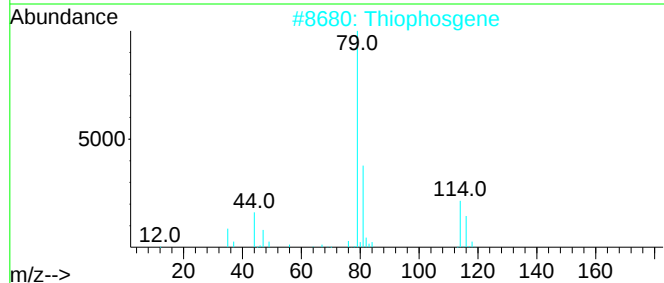
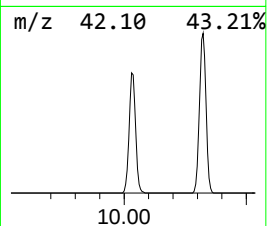
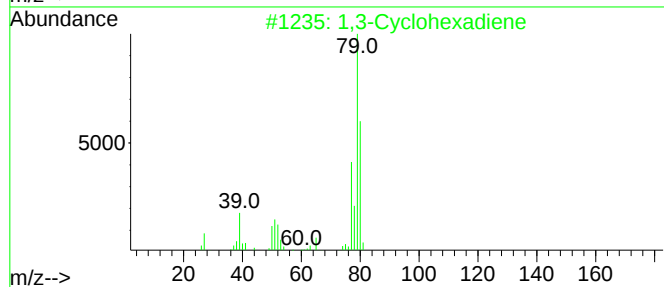
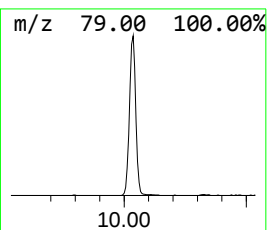
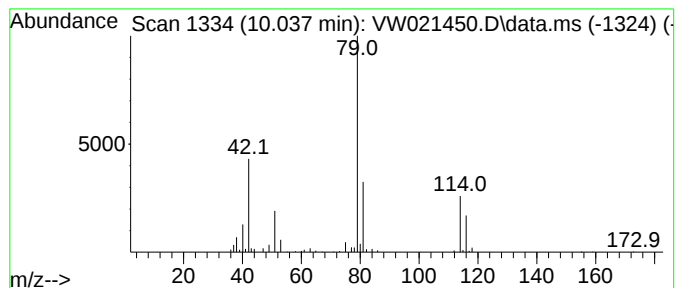
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.037	6.44 ug/L	104811	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Cyclohexadiene	80	C6H8	000592-57-4	43
2		Thiophosgene	114	CCl2S	000463-71-8	40
3		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25



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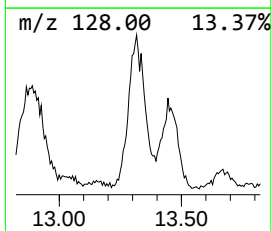
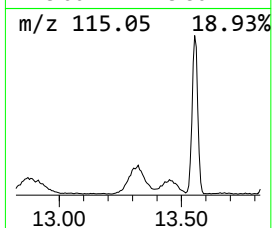
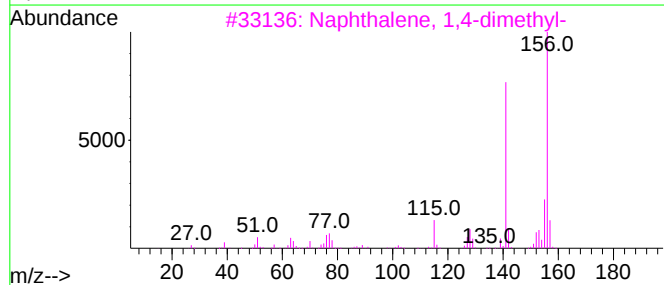
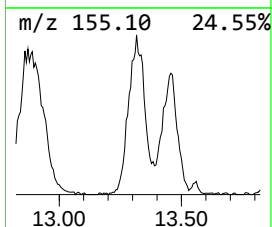
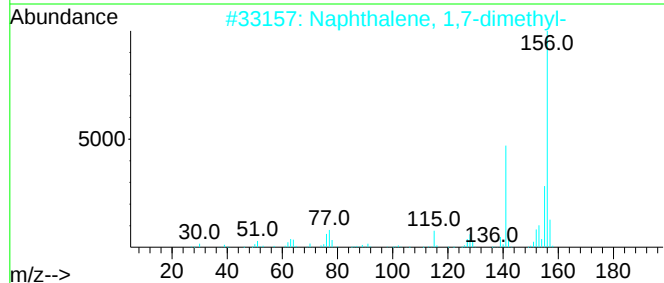
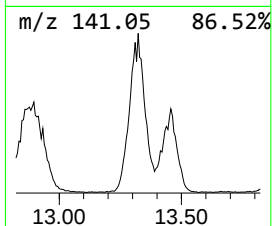
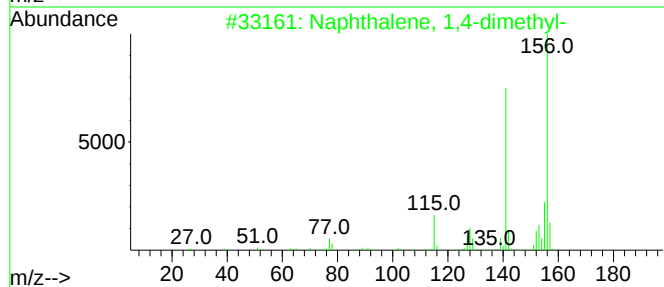
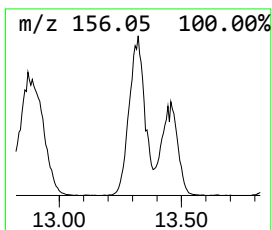
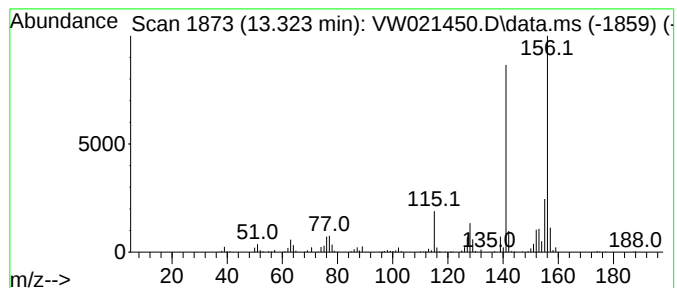
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	24.69 ug/L	469218	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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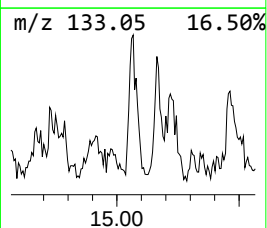
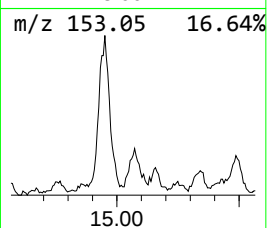
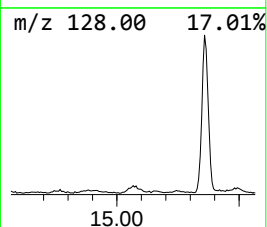
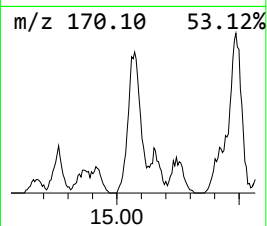
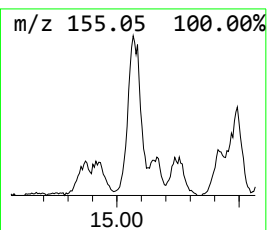
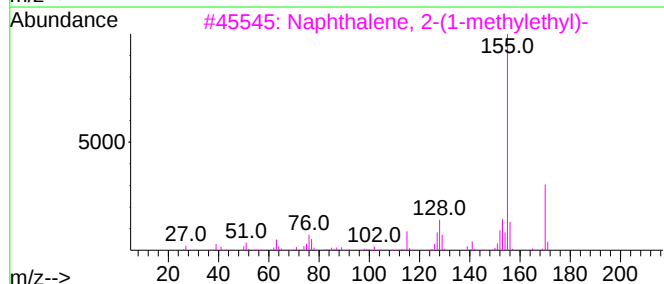
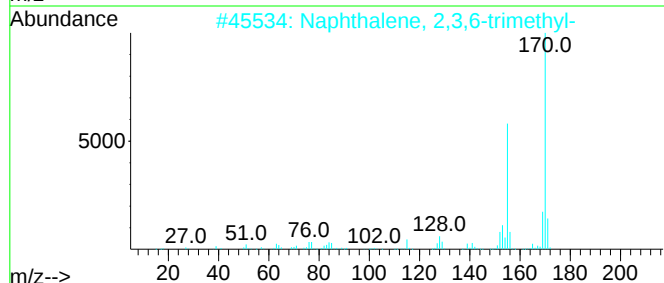
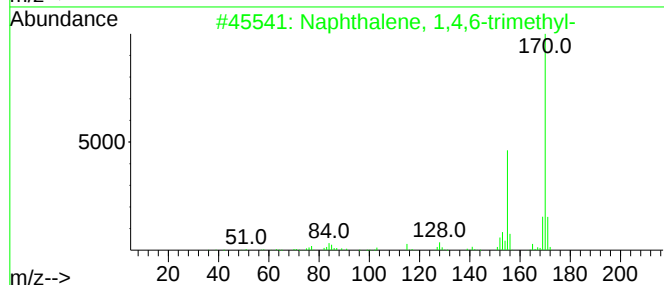
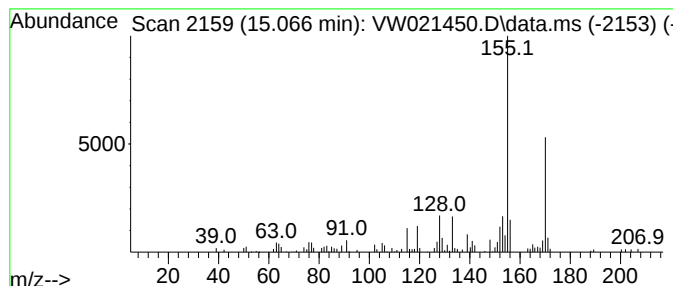
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	3.18 ug/L	60470	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021450.D
Acq On : 18 Dec 2021 03:16
Operator : SY/VA
Sample : M5153-04
Misc : 6.14g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL69

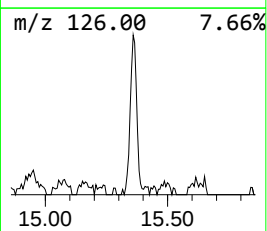
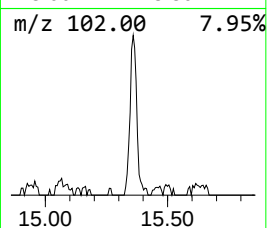
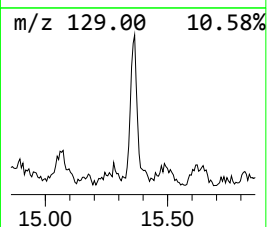
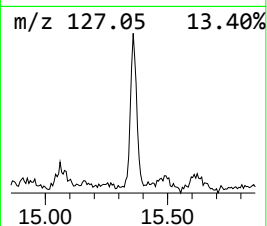
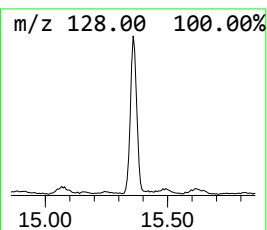
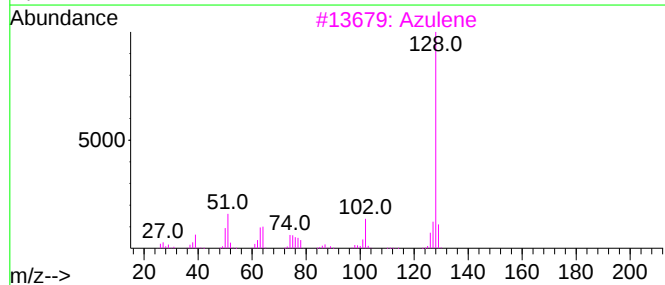
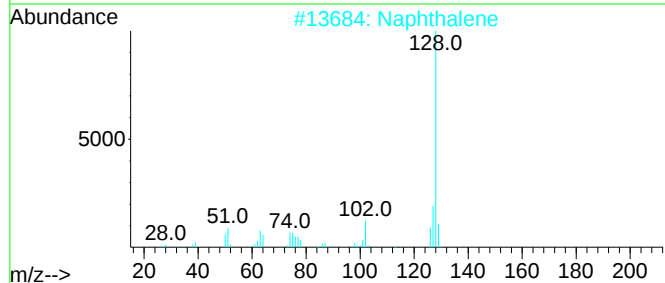
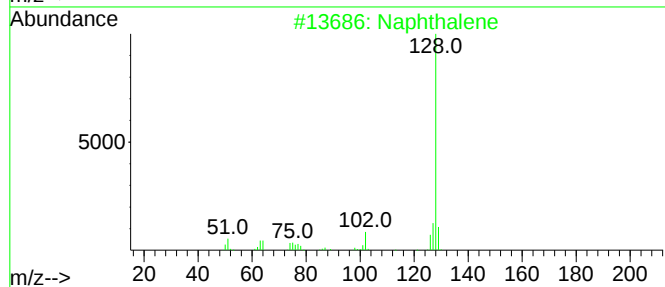
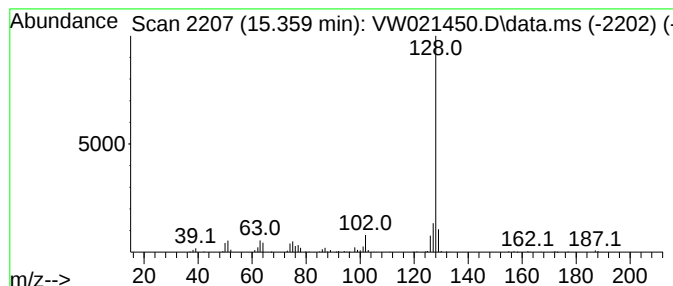
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Quant Title : SFAM01.0

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

Peak Number 5 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	3.30 ug/L	62791	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	93
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	90
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021450.D
Acq On : 18 Dec 2021 03:16
Operator : SY/VA
Sample : M5153-04
Misc : 6.14g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL69

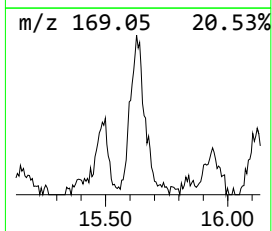
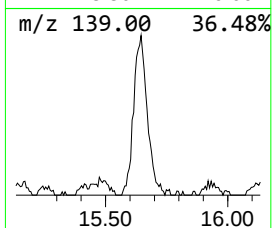
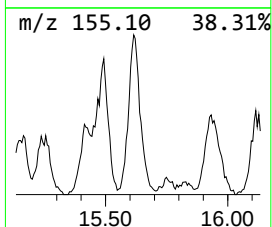
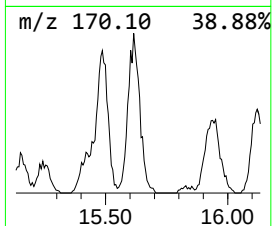
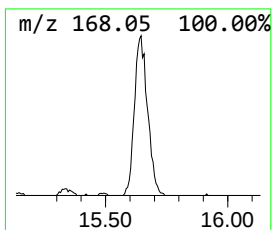
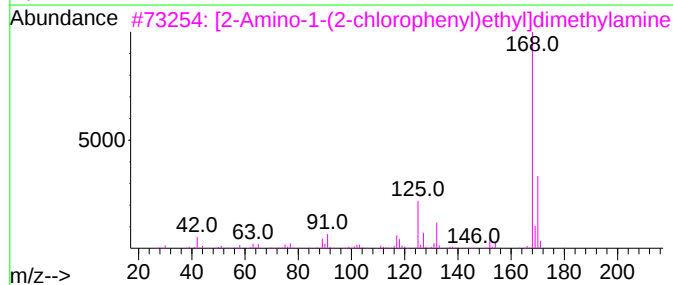
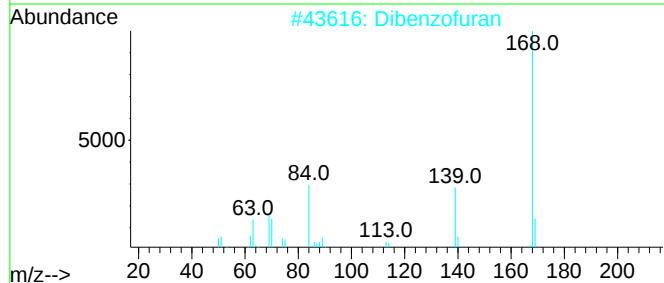
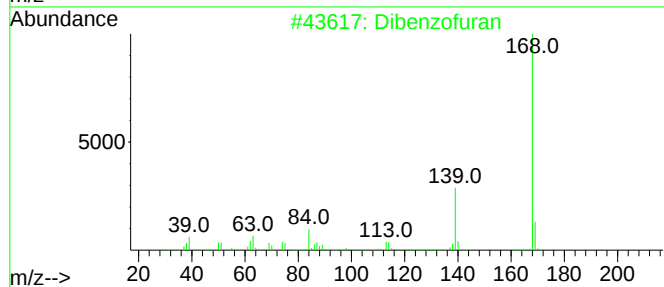
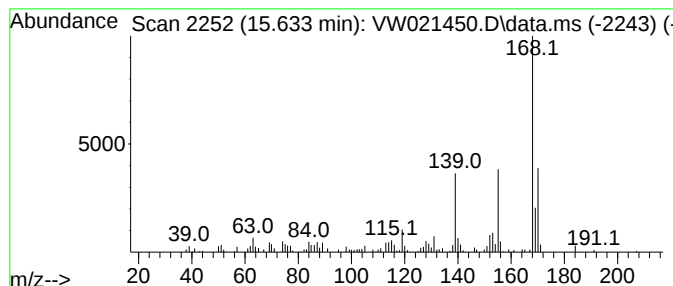
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	5.50 ug/L	104455	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	43
2			Dibenzofuran	168	C12H8O	000132-64-9	43
3			[2-Amino-1-(2-chlorophenyl)ethyl]...	198	C10H15ClN2	791601-04-2	43
4			1-Methyl-1-(p-chlorophenyl)-1-sil...	196	C10H13ClSi	057465-49-3	40
5			Dibenzofuran	168	C12H8O	000132-64-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021450.D
Acq On : 18 Dec 2021 03:16
Operator : SY/VA
Sample : M5153-04
Misc : 6.14g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL69

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
unknown-01	10.037	6.4	ug/L	104811	1	8.842	406716	25.0
Naphthalene, 1,...	13.323	24.7	ug/L	469218	3	13.554	475190	25.0
Naphthalene, 1,...	15.066	3.2	ug/L	60470	3	13.554	475190	25.0
Azulene	15.359	3.3	ug/L	62791	3	13.554	475190	25.0
unknown-02	15.633	5.5	ug/L	104455	3	13.554	475190	25.0