

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024949.D
 Acq On : 19 Oct 2022 19:58
 Operator : SY/VA
 Sample : N4757-11
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK6

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\SFAMWLM101222SMA.M
 Title : SFAM01.0

Signal : TIC: VW024949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	67	74	83	rBV	96504	162678	9.21%	1.240%
2	2.885	154	161	172	rBV	56000	117494	6.66%	0.896%
3	3.355	234	238	239	rBV2	337	383	0.02%	0.003%
4	3.477	255	258	259	rBV3	536	556	0.03%	0.004%
5	3.623	281	282	287	rBV2	418	499	0.03%	0.004%
6	3.684	291	292	295	rVB3	494	421	0.02%	0.003%
7	3.714	295	297	299	rVB2	534	456	0.03%	0.003%
8	3.800	309	311	314	rVB2	298	345	0.02%	0.003%
9	4.019	335	347	362	rBV3	161457	496117	28.10%	3.783%
10	4.257	381	386	387	rBV3	670	1012	0.06%	0.008%
11	4.275	387	389	394	rVV2	680	720	0.04%	0.005%
12	4.397	403	409	411	rBV3	818	1508	0.09%	0.011%
13	4.544	428	433	435	rBV3	360	579	0.03%	0.004%
14	4.915	480	494	513	rBV3	48389	167265	9.47%	1.275%
15	5.080	519	521	522	rBV2	450	393	0.02%	0.003%
16	5.110	522	526	527	rBV3	908	944	0.05%	0.007%
17	5.129	527	529	531	rVB2	628	672	0.04%	0.005%
18	5.330	561	562	567	rVB2	408	573	0.03%	0.004%
19	5.379	567	570	574	rBV2	439	686	0.04%	0.005%
20	5.604	605	607	611	rVB2	252	348	0.02%	0.003%
21	5.745	629	630	633	rBV	419	459	0.03%	0.003%
22	5.775	633	635	636	rBV	368	366	0.02%	0.003%
23	5.836	643	645	647	rVB2	516	434	0.02%	0.003%
24	5.940	653	662	669	rBV2	9231	25615	1.45%	0.195%
25	6.141	693	695	698	rBV	429	494	0.03%	0.004%
26	6.409	732	739	741	rBV6	1184	2506	0.14%	0.019%
27	6.574	763	766	769	rVB2	341	410	0.02%	0.003%
28	6.683	781	784	787	rVB2	295	464	0.03%	0.004%
29	6.781	797	800	803	rBV	306	378	0.02%	0.003%
30	6.915	814	822	826	rBV3	981	2451	0.14%	0.019%
31	6.976	830	832	836	rVB3	597	704	0.04%	0.005%
32	7.080	839	849	855	rBV	64702	181956	10.31%	1.387%
33	7.342	889	892	896	rVB3	553	844	0.05%	0.006%
34	7.384	896	899	900	rBB3	502	359	0.02%	0.003%
35	7.409	900	903	906	rBV4	403	510	0.03%	0.004%
36	7.549	917	926	932	rBV7	1144	2696	0.15%	0.021%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Title : SFAM01.0

37	7.647	932	942	957	rBV	313650	761796	43.15%	5.809%
38	7.878	978	980	981	rBV2	735	522	0.03%	0.004%
39	7.958	989	993	994	rBV2	587	475	0.03%	0.004%
40	7.976	994	996	998	rBV3	508	451	0.03%	0.003%
41	8.073	1008	1012	1015	rVB3	291	500	0.03%	0.004%
42	8.165	1025	1027	1031	rVB2	326	398	0.02%	0.003%
43	8.275	1031	1045	1061	rBV2	597041	1765418	100.00%	13.462%
44	8.683	1107	1112	1115	rBV	850	1015	0.06%	0.008%
45	8.842	1129	1138	1156	rVV	587627	1166895	66.10%	8.898%
46	9.037	1166	1170	1173	rBV2	2904	5701	0.32%	0.043%
47	9.079	1173	1177	1185	rVB7	4646	9794	0.55%	0.075%
48	9.274	1199	1209	1219	rBV	432841	862646	48.86%	6.578%
49	9.469	1238	1241	1243	rBV2	291	365	0.02%	0.003%
50	9.561	1253	1256	1257	rBV	343	363	0.02%	0.003%
51	9.597	1257	1262	1264	rVV4	1054	1297	0.07%	0.010%
52	9.658	1267	1272	1281	rVV5	2379	4901	0.28%	0.037%
53	9.774	1289	1291	1294	rBV	281	437	0.02%	0.003%
54	9.896	1308	1311	1313	rBV2	353	375	0.02%	0.003%
55	9.927	1313	1316	1320	rVB3	599	630	0.04%	0.005%
56	10.036	1324	1334	1344	rBV	208915	389164	22.04%	2.967%
57	10.122	1345	1348	1352	rVB4	2211	3210	0.18%	0.024%
58	10.213	1359	1363	1366	rBV2	1160	1588	0.09%	0.012%
59	10.323	1369	1381	1388	rBV	762461	1322693	74.92%	10.086%
60	10.384	1388	1391	1399	rVB	8972	16481	0.93%	0.126%
61	10.463	1399	1404	1409	rBV3	2894	6452	0.37%	0.049%
62	10.579	1415	1423	1433	rBV	127077	224978	12.74%	1.716%
63	10.652	1433	1435	1437	rVV2	510	421	0.02%	0.003%
64	10.707	1438	1444	1448	rVV3	3394	5890	0.33%	0.045%
65	10.756	1450	1452	1455	rBV4	1104	1453	0.08%	0.011%
66	10.866	1467	1470	1473	rVB3	940	956	0.05%	0.007%
67	10.920	1473	1479	1496	rBV	235324	431943	24.47%	3.294%
68	11.061	1497	1502	1508	rVB2	23353	40606	2.30%	0.310%
69	11.231	1528	1530	1531	rBV2	1479	1036	0.06%	0.008%
70	11.628	1588	1595	1609	rVB	747396	1251799	70.91%	9.545%
71	11.841	1625	1630	1636	rVB7	3388	6857	0.39%	0.052%
72	11.975	1650	1652	1654	rBV	673	751	0.04%	0.006%
73	11.993	1654	1655	1657	rVB	696	343	0.02%	0.003%
74	12.036	1661	1662	1664	rVV2	688	370	0.02%	0.003%
75	12.097	1669	1672	1676	rBV5	880	1350	0.08%	0.010%
76	12.176	1678	1685	1692	rBV6	3564	8677	0.49%	0.066%

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 Title : SFAM01.0

77	12.377	1711	1718	1719	rBV5	7486	13169	0.75%	0.100%
78	12.603	1749	1755	1761	rVB4	9613	18639	1.06%	0.142%
79	12.688	1763	1769	1776	rBV	332833	550102	31.16%	4.195%
80	12.865	1780	1798	1800	rBV5	24447	103283	5.85%	0.788%
81	13.170	1846	1848	1849	rBV2	1241	1110	0.06%	0.008%
82	13.298	1854	1869	1880	rBV5	39957	187443	10.62%	1.429%
83	13.554	1904	1911	1919	rBV	602724	963756	54.59%	7.349%
84	13.749	1941	1943	1944	rBV2	1052	684	0.04%	0.005%
85	13.847	1952	1959	1966	rBV	499059	847672	48.02%	6.464%
86	14.060	1989	1994	1998	rVB	5545	10649	0.60%	0.081%
87	14.213	2017	2019	2020	rVB2	1066	653	0.04%	0.005%
88	14.286	2020	2031	2035	rBV7	5657	17683	1.00%	0.135%
89	14.725	2099	2103	2104	rBV3	2643	3373	0.19%	0.026%
90	14.816	2116	2118	2122	rVB4	1060	1014	0.06%	0.008%
91	14.853	2122	2124	2125	rBV2	1343	1126	0.06%	0.009%
92	14.938	2126	2138	2151	rVV	221857	694257	39.33%	5.294%
93	15.322	2194	2201	2211	rBV4	12761	40320	2.28%	0.307%
94	15.426	2214	2218	2223	rVV	15732	29453	1.67%	0.225%
95	15.468	2223	2225	2234	rVB9	5460	12243	0.69%	0.093%
96	15.633	2242	2252	2268	rVB2	32540	122749	6.95%	0.936%
97	16.102	2324	2329	2333	rBV7	3337	7020	0.40%	0.054%
98	16.310	2361	2363	2366	rBV3	826	842	0.05%	0.006%
99	16.377	2372	2374	2375	rBV2	1092	611	0.03%	0.005%
100	16.639	2410	2417	2422	rBV5	5074	11168	0.63%	0.085%

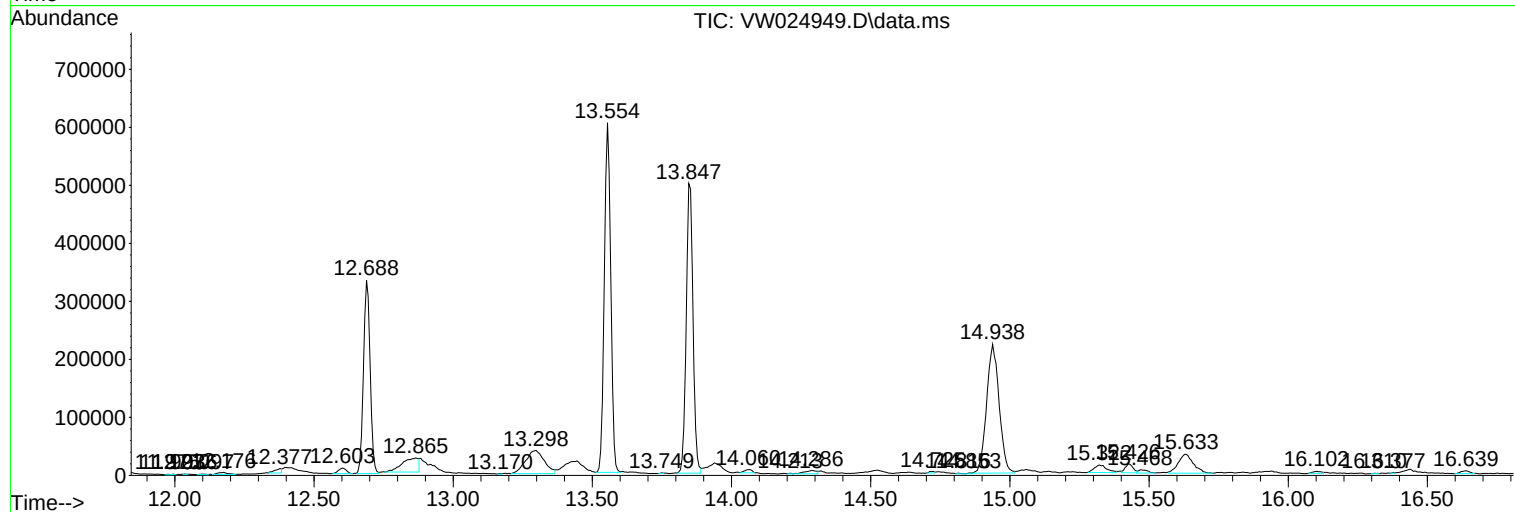
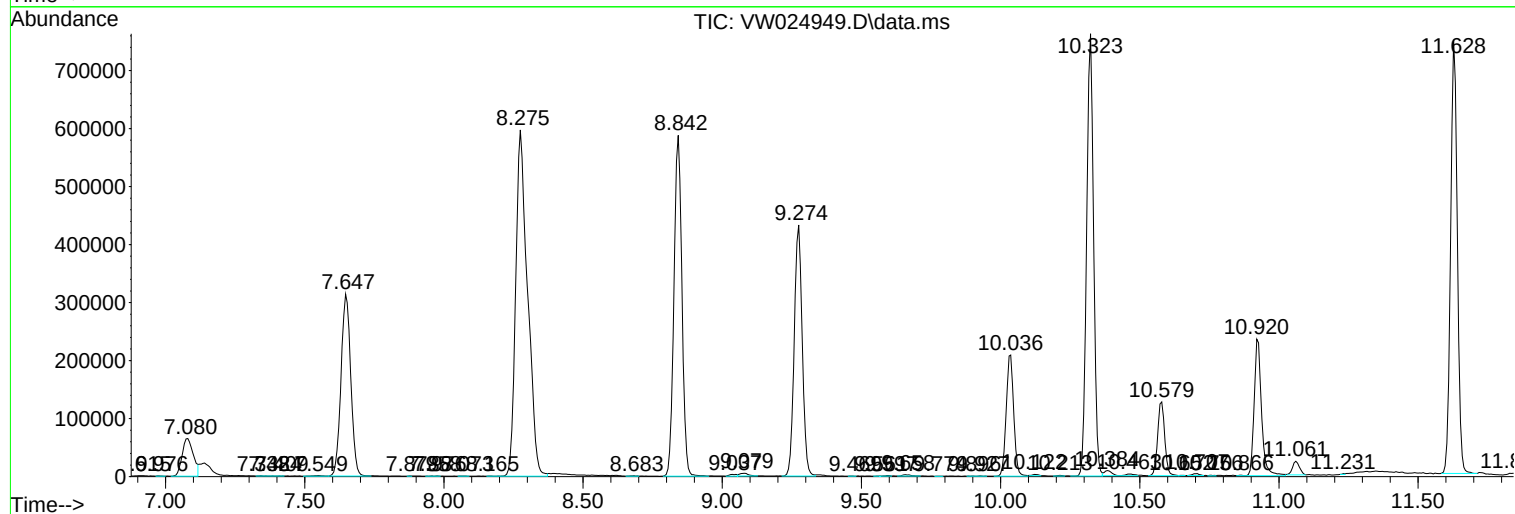
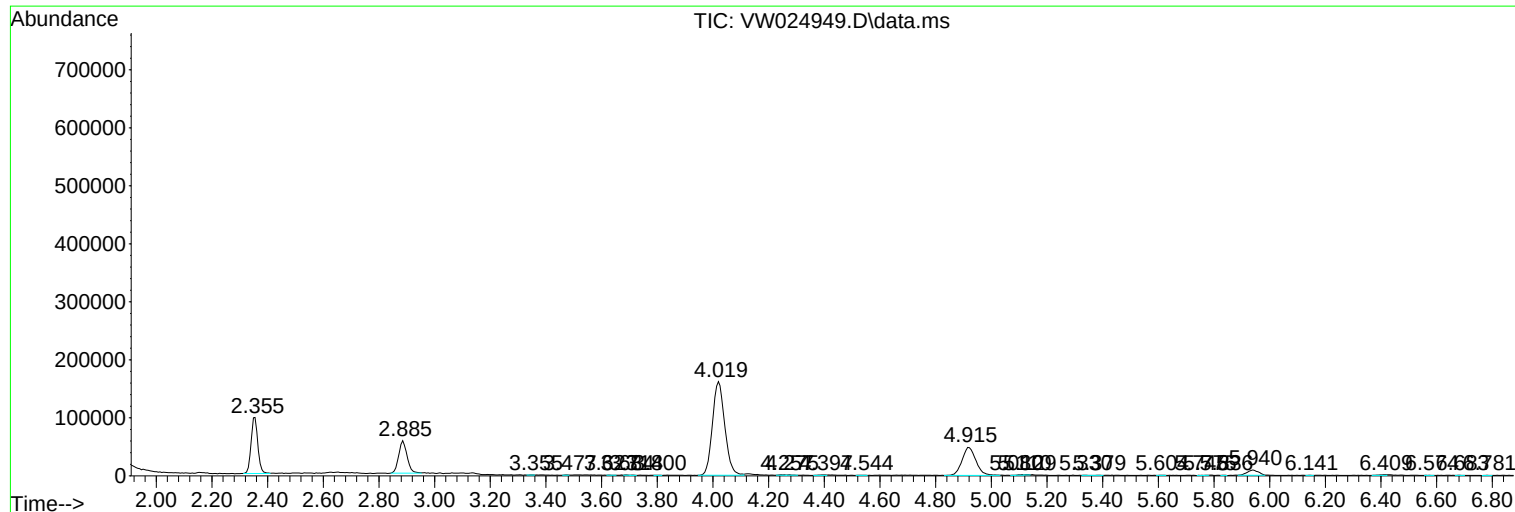
Sum of corrected areas: 13114311

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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



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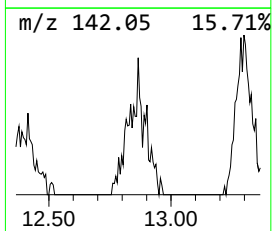
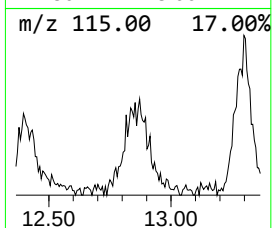
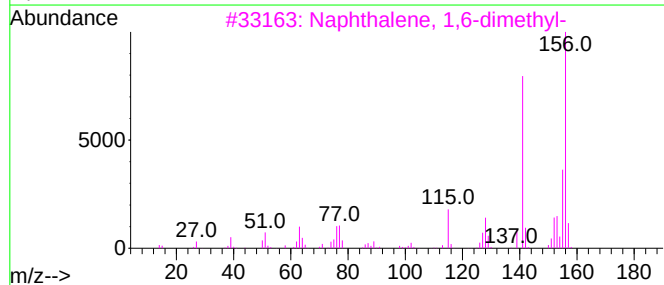
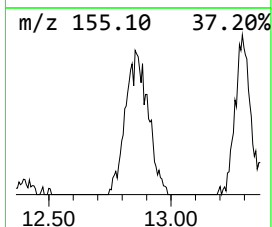
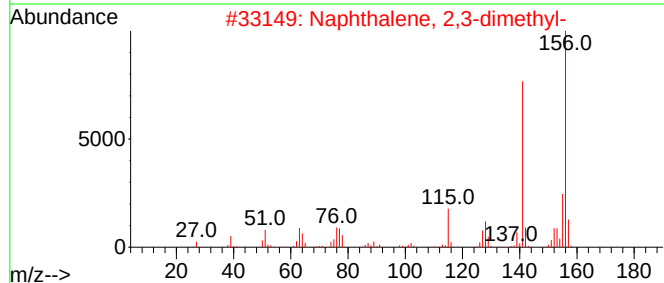
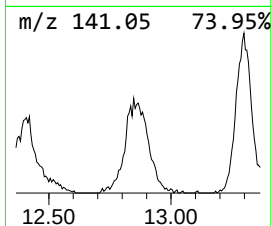
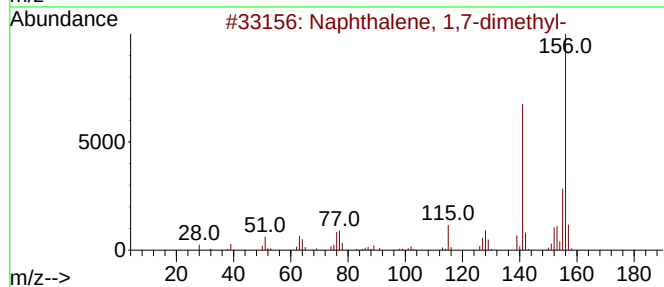
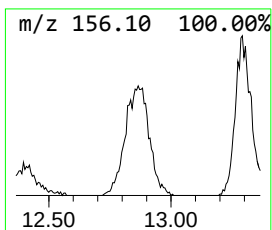
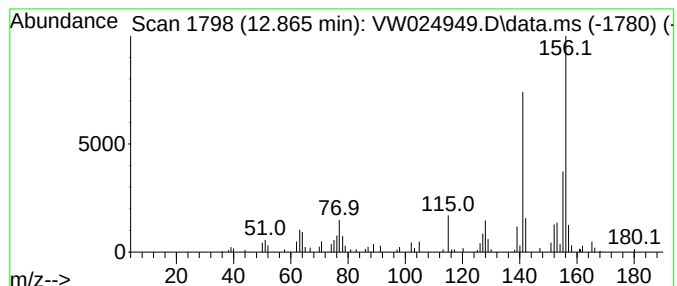
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	2.68 ug/L	103283	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	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



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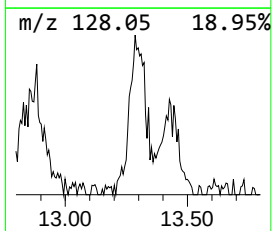
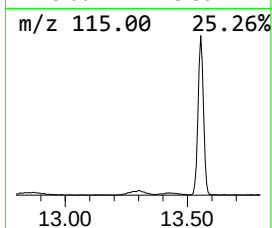
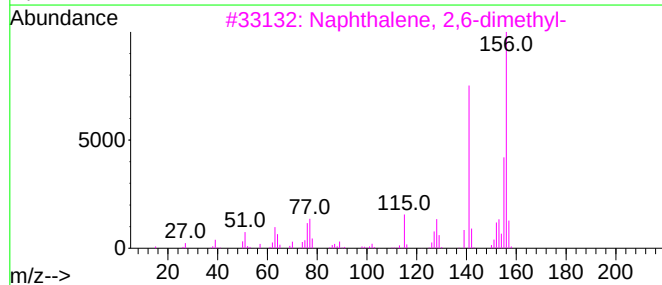
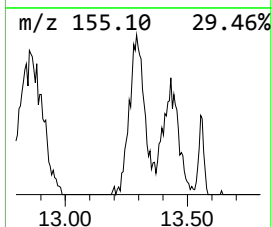
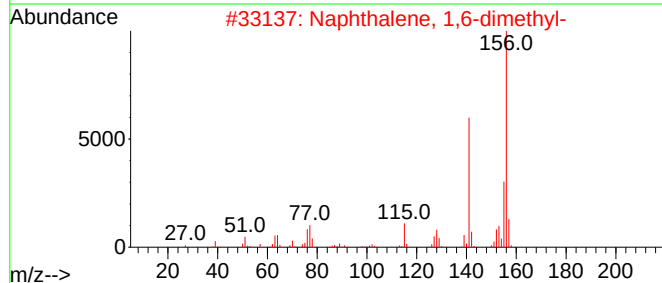
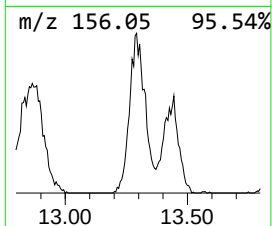
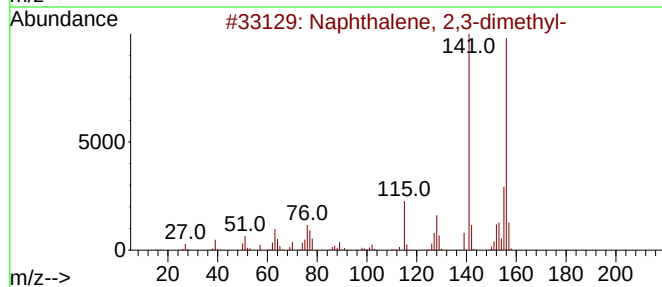
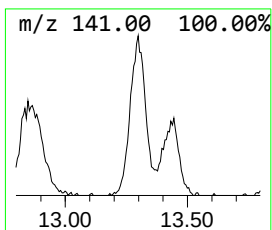
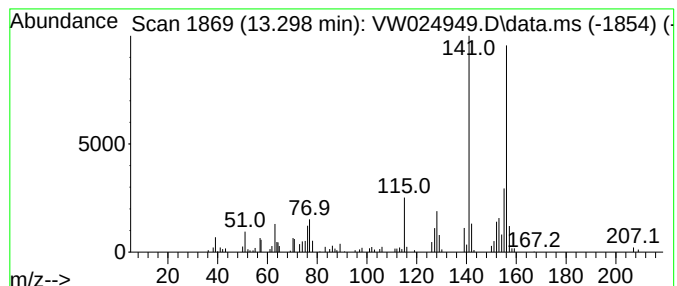
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	4.86 ug/L	187443	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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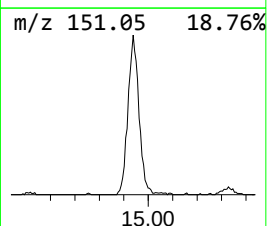
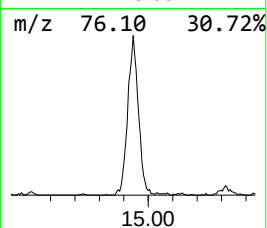
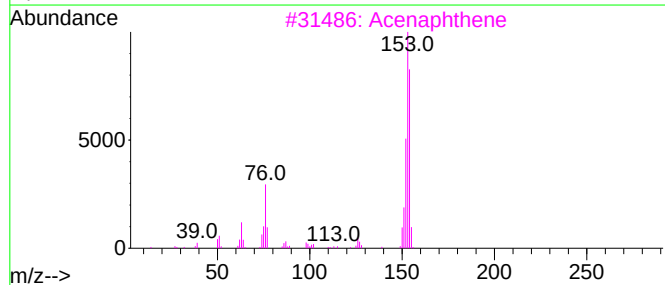
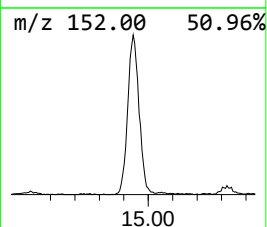
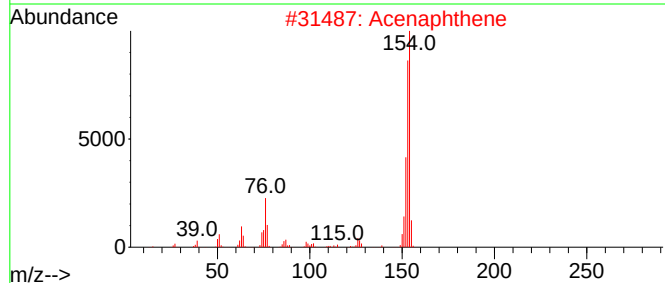
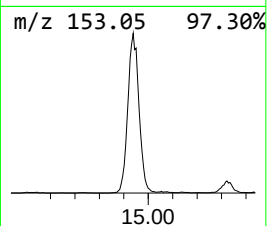
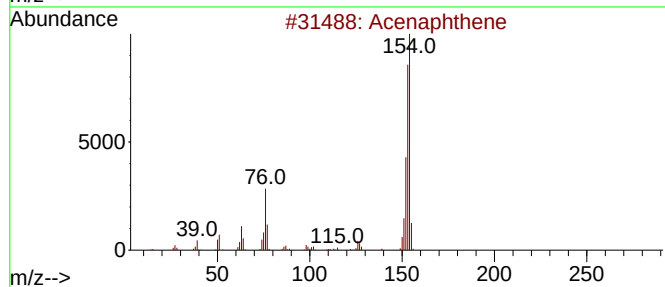
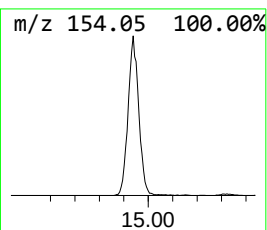
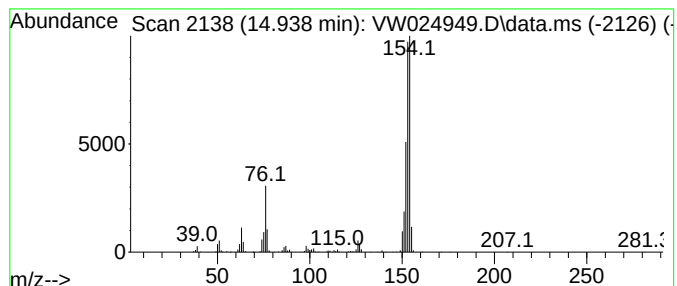
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.938	18.01 ug/L	694257	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	94
3			Acenaphthene	154	C12H10	000083-32-9	93
4			Acenaphthene	154	C12H10	000083-32-9	81
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024949.D
Acq On : 19 Oct 2022 19:58
Operator : SY/VA
Sample : N4757-11
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK6

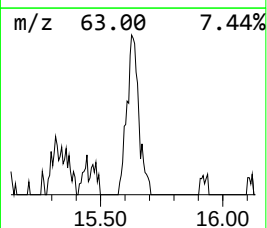
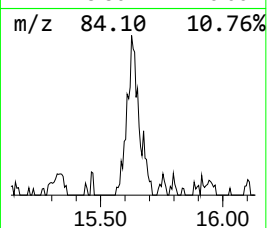
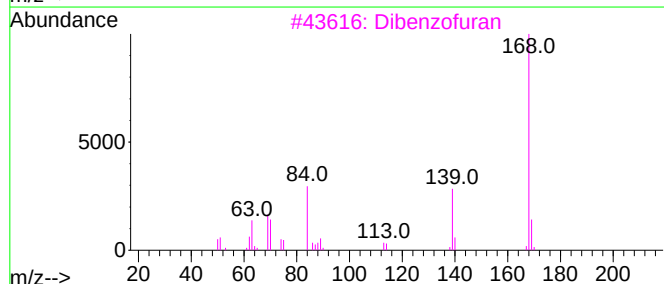
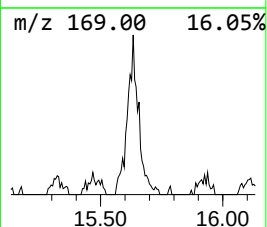
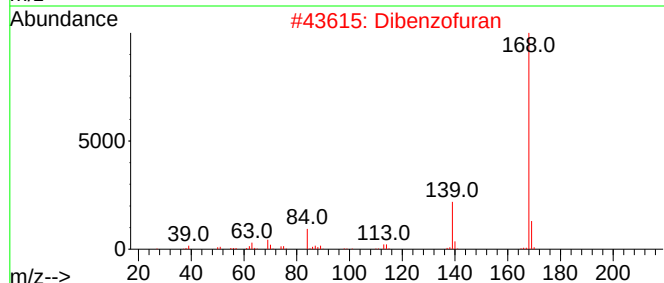
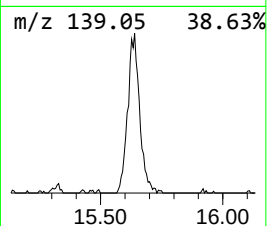
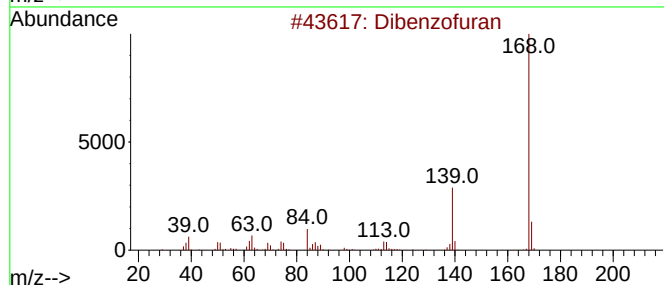
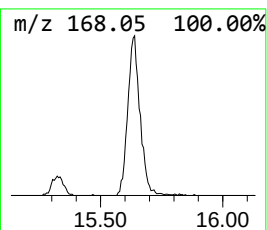
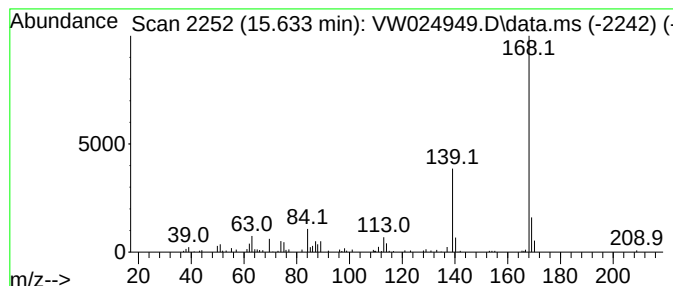
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Quant Title : SFAM01.0

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

Peak Number 5 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	3.18 ug/L	122749	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	95
2			Dibenzofuran	168	C12H8O	000132-64-9	80
3			Dibenzofuran	168	C12H8O	000132-64-9	78
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	52
5			Tioxolone	168	C7H4O3S	004991-65-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024949.D
Acq On : 19 Oct 2022 19:58
Operator : SY/VA
Sample : N4757-11
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.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, 1,...	12.865	2.7	ug/L	103283	3	13.554	963756	25.0
Naphthalene, 2,...	13.298	4.9	ug/L	187443	3	13.554	963756	25.0
Acenaphthene	14.938	18.0	ug/L	694257	3	13.554	963756	25.0
Dibenzofuran	15.633	3.2	ug/L	122749	3	13.554	963756	25.0