

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024947.D
 Acq On : 19 Oct 2022 19:10
 Operator : SY/VA
 Sample : N4757-09
 Misc : 4.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK4

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: VW024947.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	68	74	83	rVB	103479	170016	8.30%	1.061%
2	2.623	116	118	122	rBV5	1875	2930	0.14%	0.018%
3	2.885	154	161	173	rVB	58178	126261	6.16%	0.788%
4	3.288	225	227	229	rVB3	562	360	0.02%	0.002%
5	3.410	245	247	249	rBV	362	308	0.02%	0.002%
6	3.434	249	251	253	rVB2	457	386	0.02%	0.002%
7	3.501	261	262	264	rVB	513	374	0.02%	0.002%
8	3.519	264	265	267	rBV	705	621	0.03%	0.004%
9	3.544	267	269	270	rVB2	530	367	0.02%	0.002%
10	3.922	328	331	333	rBV2	590	805	0.04%	0.005%
11	4.019	335	347	360	rBV2	171874	531196	25.93%	3.316%
12	4.123	362	364	365	rBV	1227	944	0.05%	0.006%
13	4.391	404	408	409	rVV2	756	955	0.05%	0.006%
14	4.464	417	420	425	rVB3	351	521	0.03%	0.003%
15	4.562	434	436	438	rBV	295	317	0.02%	0.002%
16	4.611	443	444	447	rBV3	631	570	0.03%	0.004%
17	4.666	447	453	454	rBV3	520	711	0.03%	0.004%
18	4.922	483	495	511	rBV2	45437	154905	7.56%	0.967%
19	5.117	519	527	534	rBV3	1866	5320	0.26%	0.033%
20	5.300	555	557	560	rVB3	343	417	0.02%	0.003%
21	5.397	570	573	577	rBV2	419	505	0.02%	0.003%
22	5.452	580	582	584	rBV2	418	415	0.02%	0.003%
23	5.525	591	594	595	rBV2	313	337	0.02%	0.002%
24	5.769	629	634	636	rBV3	515	900	0.04%	0.006%
25	5.787	636	637	639	rVV2	491	321	0.02%	0.002%
26	5.830	643	644	648	rVB2	389	308	0.02%	0.002%
27	5.940	651	662	672	rBV3	8931	27711	1.35%	0.173%
28	6.263	713	715	717	rVB2	386	322	0.02%	0.002%
29	6.287	717	719	722	rBV2	511	376	0.02%	0.002%
30	6.318	722	724	726	rBV2	508	424	0.02%	0.003%
31	6.397	734	737	739	rBV2	529	643	0.03%	0.004%
32	6.415	739	740	743	rBV4	426	371	0.02%	0.002%
33	6.501	751	754	757	rBV	526	440	0.02%	0.003%
34	6.720	787	790	791	rBV	338	384	0.02%	0.002%
35	6.903	812	820	823	rBV3	1118	2314	0.11%	0.014%
36	6.927	823	824	830	rVB3	861	1000	0.05%	0.006%

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 Title : SFAM01.0

37	7.080	839	849	856	rBV2	64569	183803	8.97%	1.147%
38	7.427	904	906	909	rVV2	527	460	0.02%	0.003%
39	7.543	918	925	928	rBV7	872	2066	0.10%	0.013%
40	7.647	931	942	954	rBV	323720	800482	39.08%	4.996%
41	7.842	973	974	978	rVV2	360	347	0.02%	0.002%
42	7.878	978	980	984	rVB4	330	388	0.02%	0.002%
43	7.909	984	985	988	rBV	358	340	0.02%	0.002%
44	7.945	988	991	997	rVV5	489	938	0.05%	0.006%
45	8.061	1008	1010	1013	rVB3	341	352	0.02%	0.002%
46	8.275	1034	1045	1060	rBV2	615282	1843887	90.02%	11.509%
47	8.598	1097	1098	1100	rBV	555	507	0.02%	0.003%
48	8.683	1109	1112	1118	rBV3	576	1055	0.05%	0.007%
49	8.842	1129	1138	1151	rBV	616234	1217688	59.45%	7.600%
50	8.933	1151	1153	1155	rVB2	609	539	0.03%	0.003%
51	8.988	1160	1162	1163	rVB2	538	318	0.02%	0.002%
52	9.043	1165	1171	1172	rBV5	2221	3696	0.18%	0.023%
53	9.079	1174	1177	1183	rVV4	4790	7780	0.38%	0.049%
54	9.122	1183	1184	1185	rVV	594	332	0.02%	0.002%
55	9.274	1200	1209	1219	rBV	437777	900659	43.97%	5.622%
56	9.396	1228	1229	1234	rVB3	1011	1029	0.05%	0.006%
57	9.445	1234	1237	1238	rBV2	461	390	0.02%	0.002%
58	9.549	1250	1254	1257	rVV4	585	852	0.04%	0.005%
59	9.604	1257	1263	1266	rVV3	1158	1948	0.10%	0.012%
60	9.665	1266	1273	1281	rVV4	2635	6408	0.31%	0.040%
61	9.720	1281	1282	1288	rVB3	458	664	0.03%	0.004%
62	9.799	1293	1295	1297	rBV	326	380	0.02%	0.002%
63	9.927	1315	1316	1320	rVB2	332	365	0.02%	0.002%
64	10.030	1326	1333	1343	rVV	218530	405067	19.78%	2.528%
65	10.128	1343	1349	1353	rVV5	3246	7136	0.35%	0.045%
66	10.207	1357	1362	1365	rBV5	768	1395	0.07%	0.009%
67	10.323	1372	1381	1388	rBV	798895	1420512	69.35%	8.866%
68	10.384	1388	1391	1398	rVB	10108	17542	0.86%	0.109%
69	10.463	1398	1404	1414	rBV	3621	9902	0.48%	0.062%
70	10.579	1416	1423	1431	rVB	128213	226749	11.07%	1.415%
71	10.701	1438	1443	1450	rBV3	4341	7229	0.35%	0.045%
72	10.835	1464	1465	1466	rBV	655	386	0.02%	0.002%
73	10.921	1472	1479	1493	rBV	236008	442543	21.61%	2.762%
74	11.061	1497	1502	1516	rVB2	29467	58271	2.84%	0.364%
75	11.628	1587	1595	1606	rBV	797328	1333379	65.10%	8.323%
76	11.725	1609	1611	1616	rVB4	3145	4375	0.21%	0.027%

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 Title : SFAM01.0

77	11.835	1624	1629	1634	rBV4	4173	7792	0.38%	0.049%
78	11.933	1640	1645	1647	rBV5	617	1067	0.05%	0.007%
79	12.018	1657	1659	1660	rBV2	967	856	0.04%	0.005%
80	12.134	1674	1678	1680	rBV4	799	916	0.04%	0.006%
81	12.170	1680	1684	1689	rBV5	4257	8923	0.44%	0.056%
82	12.341	1710	1712	1715	rVB4	1572	1526	0.07%	0.010%
83	12.597	1749	1754	1762	rVB5	13931	30619	1.49%	0.191%
84	12.688	1762	1769	1776	rBV	339039	564095	27.54%	3.521%
85	12.859	1783	1797	1818	rVB6	61869	403355	19.69%	2.518%
86	13.298	1855	1869	1882	rBV3	94571	447531	21.85%	2.793%
87	13.554	1905	1911	1921	rVB	666177	1048791	51.20%	6.546%
88	13.847	1951	1959	1966	rBV	545741	925580	45.19%	5.777%
89	14.060	1991	1994	2001	rVB	13565	21999	1.07%	0.137%
90	14.286	2025	2031	2035	rBV6	8595	21682	1.06%	0.135%
91	14.938	2125	2138	2152	rBV2	636275	2048275	100.00%	12.785%
92	15.322	2193	2201	2212	rBV5	34497	119320	5.83%	0.745%
93	15.426	2215	2218	2223	rVV2	14692	23366	1.14%	0.146%
94	15.633	2241	2252	2269	rVB	92176	347983	16.99%	2.172%
95	15.828	2281	2284	2289	rBV7	2384	3805	0.19%	0.024%
96	16.096	2323	2328	2330	rBV6	6802	11320	0.55%	0.071%
97	16.432	2378	2383	2390	rVB9	8333	18581	0.91%	0.116%
98	16.596	2408	2410	2411	rBV2	1370	981	0.05%	0.006%
99	16.639	2411	2417	2423	rVB2	6503	14641	0.71%	0.091%
100	16.724	2429	2431	2432	rBV2	1203	1037	0.05%	0.006%

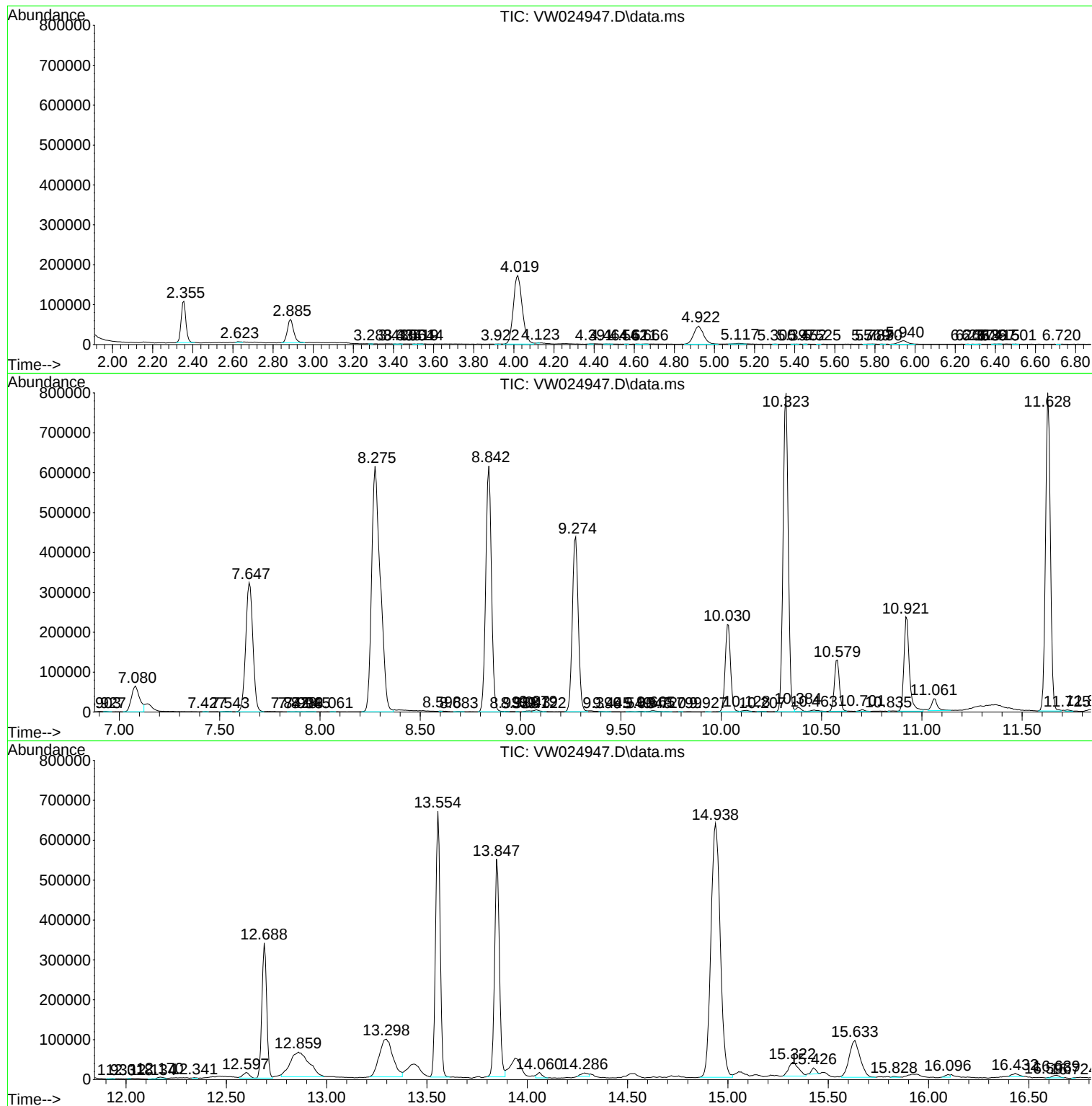
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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



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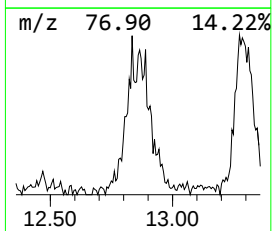
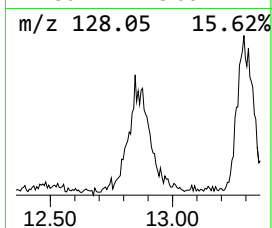
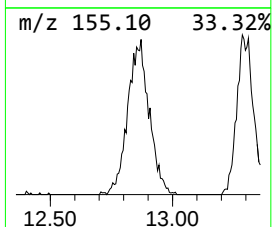
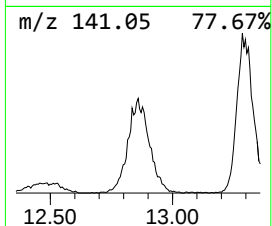
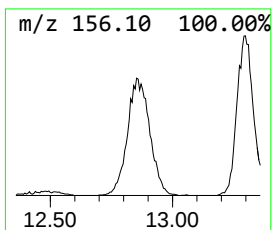
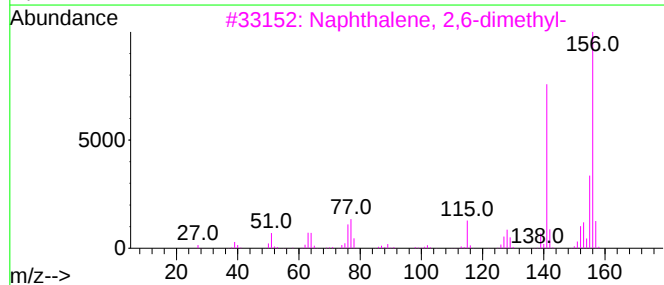
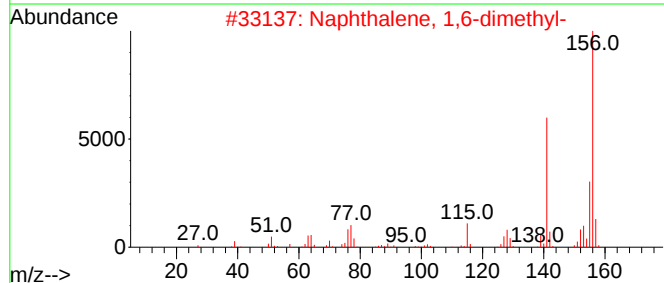
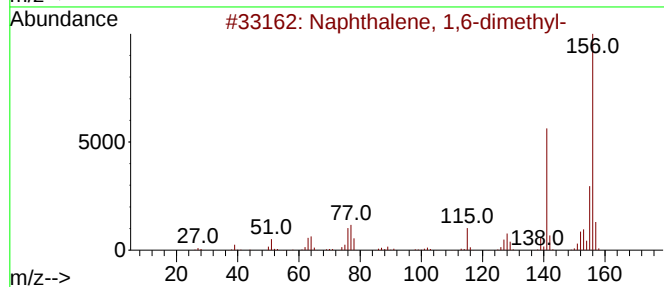
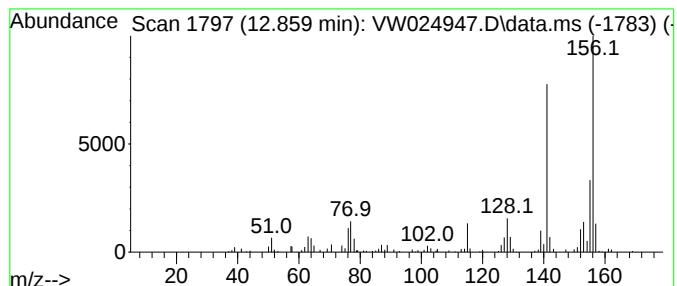
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	9.61 ug/L	403355	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	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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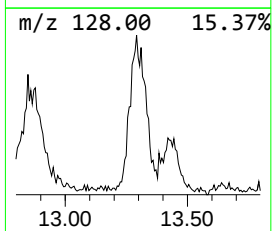
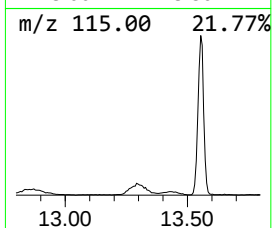
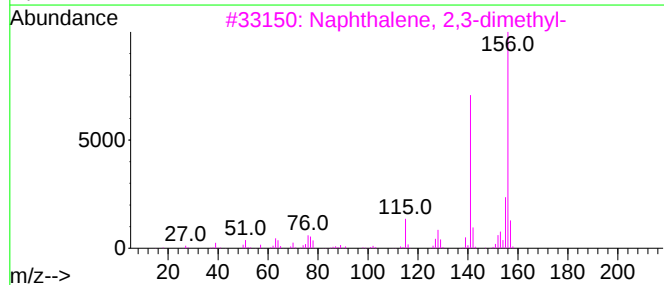
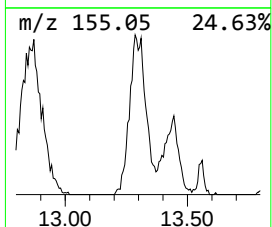
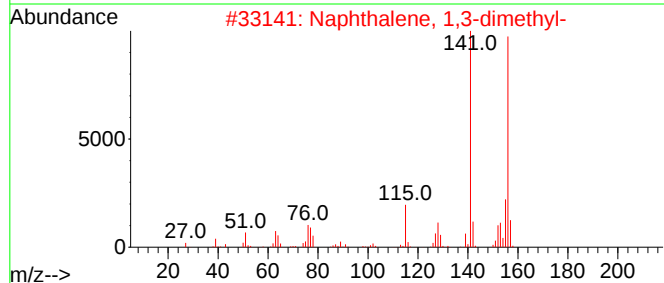
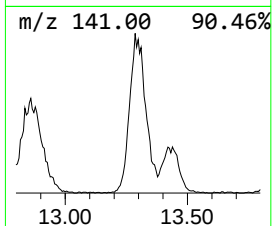
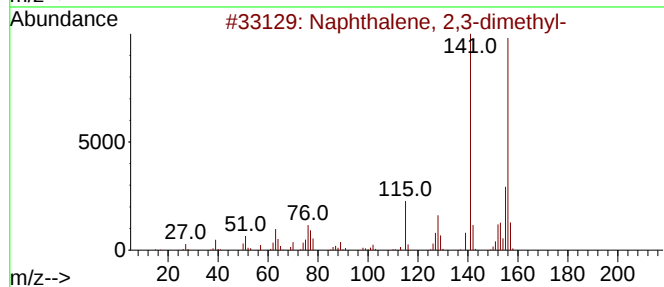
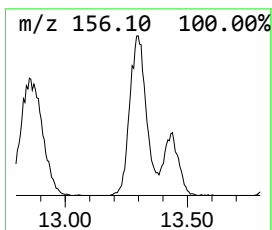
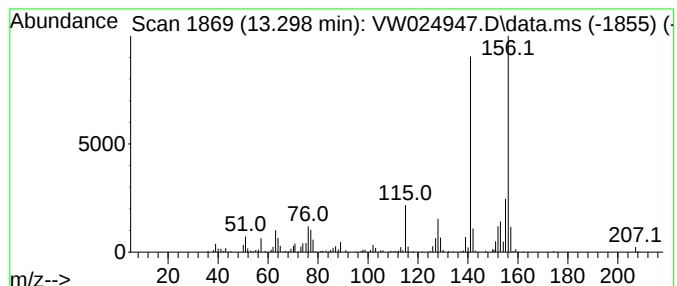
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	10.67 ug/L	447531	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, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



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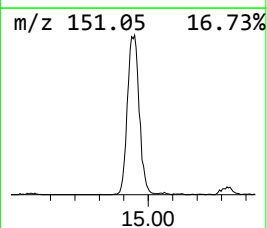
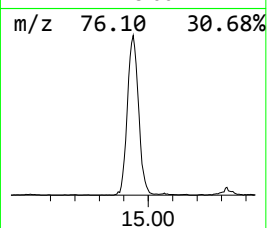
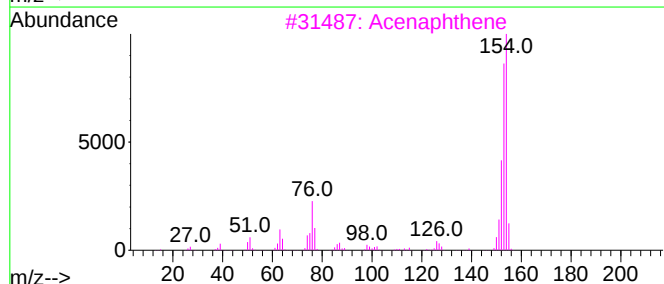
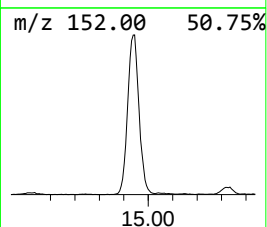
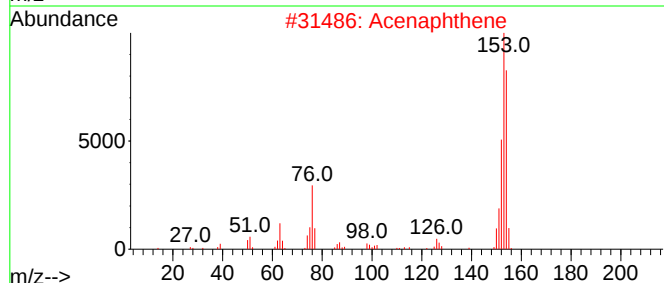
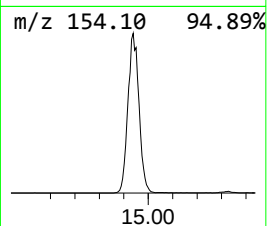
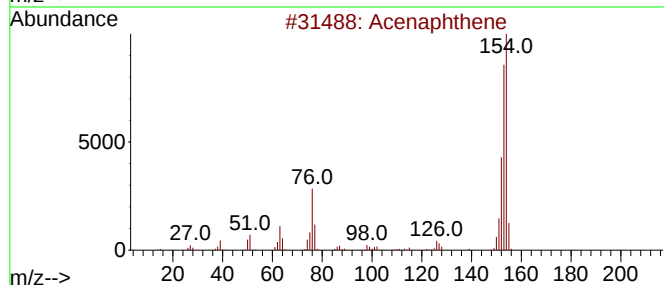
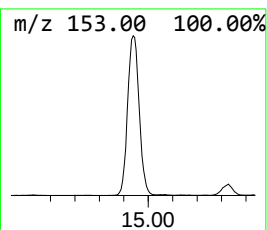
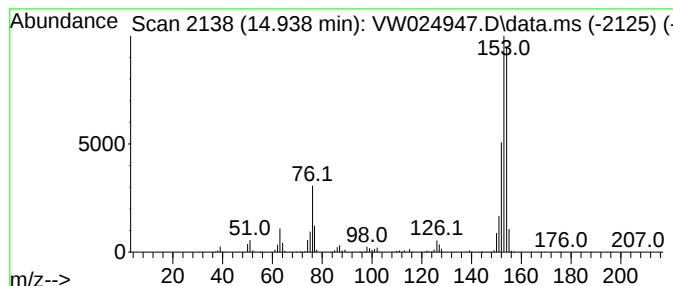
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Quant Title : SFAM01.0

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	48.82 ug/L	2048280	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	96
3			Acenaphthene	154	C12H10	000083-32-9	95
4			Acenaphthene	154	C12H10	000083-32-9	81
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024947.D
Acq On : 19 Oct 2022 19:10
Operator : SY/VA
Sample : N4757-09
Misc : 4.61g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK4

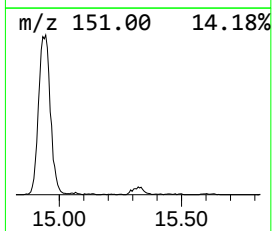
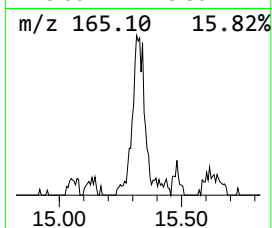
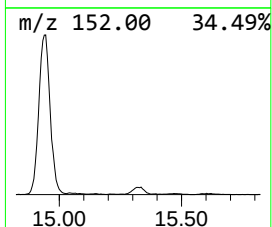
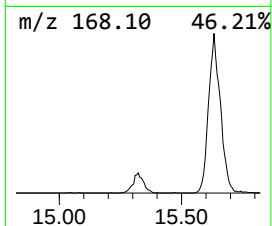
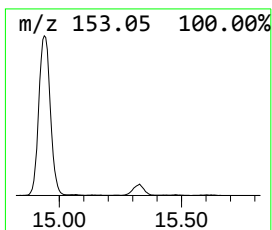
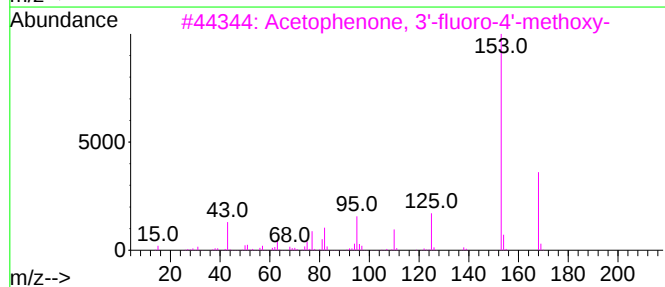
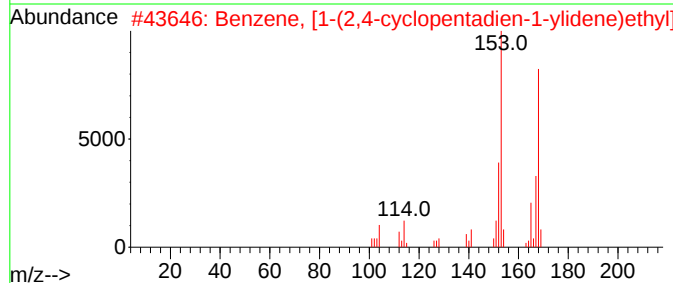
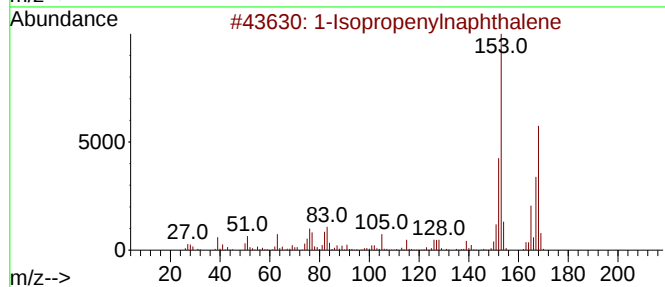
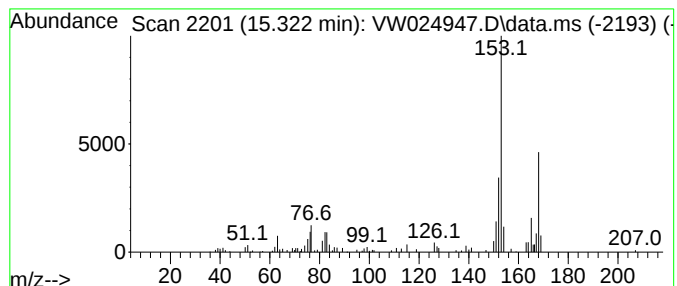
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Quant Title : SFAM01.0

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	2.84 ug/L	119320	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9F02	000455-91-4	50
4			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024947.D
Acq On : 19 Oct 2022 19:10
Operator : SY/VA
Sample : N4757-09
Misc : 4.61g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK4

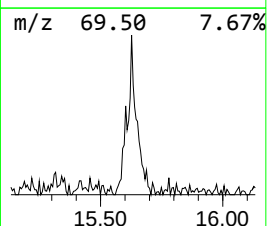
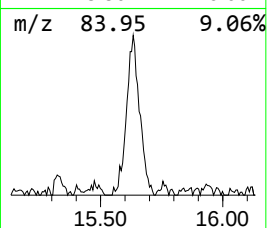
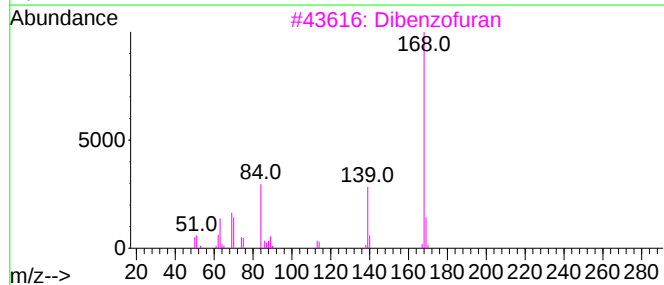
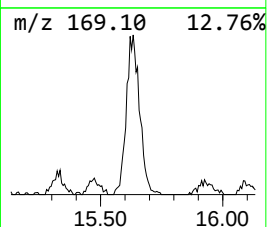
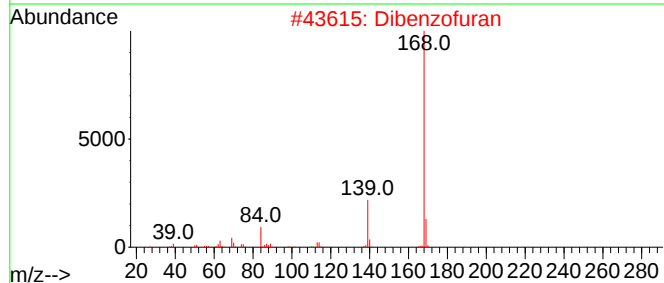
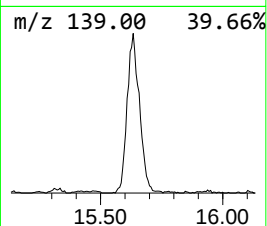
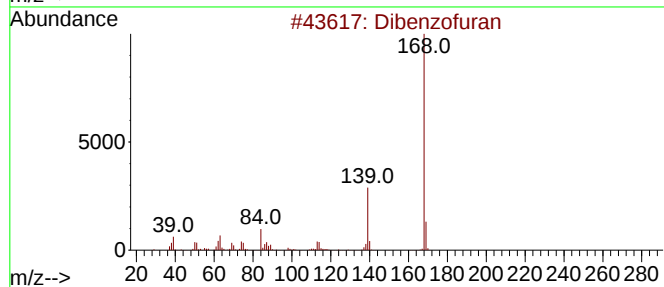
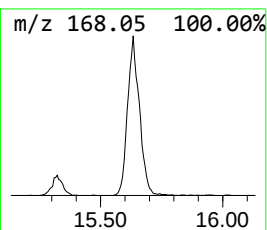
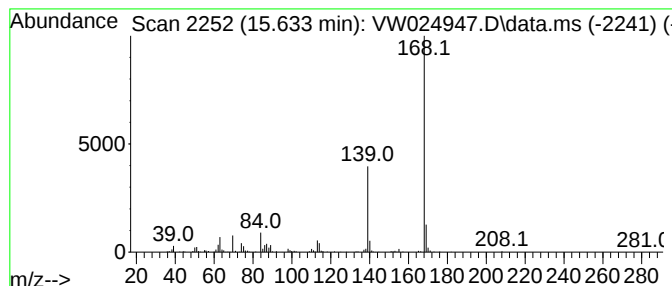
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Quant Title : SFAM01.0

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

Peak Number 6 Dibenzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	8.29 ug/L	347983	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	93
2			Dibenzofuran	168	C12H8O	000132-64-9	80
3			Dibenzofuran	168	C12H8O	000132-64-9	56
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53
5			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024947.D
Acq On : 19 Oct 2022 19:10
Operator : SY/VA
Sample : N4757-09
Misc : 4.61g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK4

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,...	12.859	9.6	ug/L	403355	3	13.554	1048790	25.0
Naphthalene, 2,...	13.298	10.7	ug/L	447531	3	13.554	1048790	25.0
Acenaphthene	14.938	48.8	ug/L	2048280	3	13.554	1048790	25.0
1-Isopropenylna...	15.322	2.8	ug/L	119320	3	13.554	1048790	25.0
Dibenzofuran	15.633	8.3	ug/L	347983	3	13.554	1048790	25.0