

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021097.D
 Acq On : 04 Dec 2021 05:16
 Operator : SY/VA
 Sample : M4883-09
 Misc : 3.74g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G5

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: VW021097.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	82	rVB	43038	69772	17.86%	2.439%
2	2.885	155	161	172	rVB	23806	47346	12.12%	1.655%
3	3.391	242	244	250	rBV2	117	184	0.05%	0.006%
4	4.019	337	347	361	rVV	48392	136480	34.94%	4.770%
5	4.263	382	387	388	rBV2	318	513	0.13%	0.018%
6	4.544	432	433	436	rVB	170	107	0.03%	0.004%
7	4.568	436	437	439	rBV	146	103	0.03%	0.004%
8	4.617	443	445	447	rBV	92	107	0.03%	0.004%
9	4.665	451	453	455	rBV	82	109	0.03%	0.004%
10	4.769	467	470	472	rBV	93	121	0.03%	0.004%
11	4.922	485	495	505	rBV	5345	16206	4.15%	0.566%
12	5.043	512	515	517	rBV	141	189	0.05%	0.007%
13	5.111	521	526	527	rBV2	252	241	0.06%	0.008%
14	5.208	540	542	544	rVB	207	134	0.03%	0.005%
15	5.293	554	556	559	rBV	114	155	0.04%	0.005%
16	5.391	570	572	574	rVB	135	96	0.02%	0.003%
17	5.415	574	576	578	rBV	90	102	0.03%	0.004%
18	5.464	582	584	589	rVB	139	180	0.05%	0.006%
19	5.531	593	595	598	rBB	113	108	0.03%	0.004%
20	5.653	612	615	619	rBB	152	211	0.05%	0.007%
21	5.696	620	622	624	rBV	77	94	0.02%	0.003%
22	5.769	629	634	636	rBB	85	148	0.04%	0.005%
23	5.836	643	645	647	rVB	131	117	0.03%	0.004%
24	5.946	657	663	669	rBV3	752	1653	0.42%	0.058%
25	6.183	699	702	705	rVB2	148	169	0.04%	0.006%
26	6.214	706	707	710	rBB	111	98	0.03%	0.003%
27	6.251	710	713	714	rBV	78	98	0.03%	0.003%
28	6.403	735	738	739	rBB	132	97	0.02%	0.003%
29	6.604	768	771	772	rBV	113	106	0.03%	0.004%
30	6.793	799	802	805	rBB	139	143	0.04%	0.005%
31	6.976	830	832	834	rBV	78	101	0.03%	0.004%
32	7.086	839	850	855	rBV	8833	24674	6.32%	0.862%
33	7.439	907	908	910	rVB	182	94	0.02%	0.003%
34	7.543	924	925	929	rBB	124	112	0.03%	0.004%
35	7.653	932	943	955	rVV	67315	162785	41.68%	5.690%
36	7.793	964	966	968	rVB	156	114	0.03%	0.004%

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37	7.836	969	973	975	rBB	73	92	0.02%	0.003%
38	7.860	975	977	979	rBV	164	154	0.04%	0.005%
39	7.958	991	993	995	rBB	127	96	0.02%	0.003%
40	8.073	1010	1012	1014	rBB	143	98	0.03%	0.003%
41	8.281	1033	1046	1063	rBV2	130550	390561	100.00%	13.651%
42	8.616	1097	1101	1105	rVB2	277	529	0.14%	0.018%
43	8.842	1130	1138	1147	rBV	104833	209901	53.74%	7.336%
44	9.024	1166	1168	1170	rBB	150	117	0.03%	0.004%
45	9.091	1172	1179	1185	rBV4	2439	5184	1.33%	0.181%
46	9.207	1196	1198	1199	rBV4	119	100	0.03%	0.003%
47	9.274	1201	1209	1220	rVV2	86887	174943	44.79%	6.115%
48	9.524	1248	1250	1254	rBB	69	109	0.03%	0.004%
49	9.616	1263	1265	1268	rBB	83	102	0.03%	0.004%
50	9.902	1310	1312	1315	rBB	75	93	0.02%	0.003%
51	10.036	1325	1334	1342	rBB	47663	84227	21.57%	2.944%
52	10.110	1344	1346	1349	rBB	83	101	0.03%	0.004%
53	10.189	1357	1359	1361	rBV	146	158	0.04%	0.006%
54	10.213	1361	1363	1365	rVB	177	167	0.04%	0.006%
55	10.323	1373	1381	1388	rBV	177557	321525	82.32%	11.238%
56	10.390	1388	1392	1398	rVB	3480	5394	1.38%	0.189%
57	10.482	1403	1407	1410	rBB	91	148	0.04%	0.005%
58	10.579	1416	1423	1431	rBB	29443	49280	12.62%	1.722%
59	10.640	1432	1433	1437	rBV	82	112	0.03%	0.004%
60	10.707	1437	1444	1450	rBB2	7855	13565	3.47%	0.474%
61	10.799	1457	1459	1462	rBB	81	98	0.03%	0.003%
62	10.866	1465	1470	1473	rBB	1075	1432	0.37%	0.050%
63	10.927	1473	1480	1496	rBB	35444	60627	15.52%	2.119%
64	11.061	1496	1502	1511	rBV	6313	10844	2.78%	0.379%
65	11.225	1526	1529	1532	rBV	155	198	0.05%	0.007%
66	11.262	1532	1535	1536	rBV	277	332	0.09%	0.012%
67	11.634	1588	1596	1606	rBB	139027	241969	61.95%	8.457%
68	11.731	1606	1612	1618	rBB3	464	834	0.21%	0.029%
69	11.835	1624	1629	1635	rVB3	1031	1872	0.48%	0.065%
70	12.036	1659	1662	1664	rBB	89	95	0.02%	0.003%
71	12.128	1674	1677	1679	rBV	141	166	0.04%	0.006%
72	12.219	1689	1692	1693	rBV	69	93	0.02%	0.003%
73	12.310	1704	1707	1709	rBB	189	141	0.04%	0.005%
74	12.371	1714	1717	1718	rBV	220	194	0.05%	0.007%
75	12.408	1718	1723	1724	rBV2	756	978	0.25%	0.034%
76	12.609	1749	1756	1763	rVB	30323	49546	12.69%	1.732%

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 Title : SFAM01.0

77	12.688	1763	1769	1776	rBV	56146	93592	23.96%	3.271%
78	12.749	1778	1779	1781	rBV	134	100	0.03%	0.003%
79	12.768	1781	1782	1784	rVB	202	113	0.03%	0.004%
80	12.884	1784	1801	1803	rBV4	8255	26398	6.76%	0.923%
81	13.048	1826	1828	1830	rBV4	134	169	0.04%	0.006%
82	13.164	1844	1847	1848	rBV	225	237	0.06%	0.008%
83	13.194	1848	1852	1855	rVB2	451	581	0.15%	0.020%
84	13.298	1857	1869	1870	rBV3	12545	23014	5.89%	0.804%
85	13.554	1905	1911	1921	rVB	130508	205532	52.62%	7.184%
86	13.646	1922	1926	1932	rVB2	3946	5872	1.50%	0.205%
87	13.853	1953	1960	1969	rBV	110389	195787	50.13%	6.843%
88	14.066	1989	1995	2002	rBV2	10934	18411	4.71%	0.643%
89	15.273	2190	2193	2196	rVB3	365	465	0.12%	0.016%
90	15.304	2196	2198	2199	rBV	241	193	0.05%	0.007%
91	15.365	2200	2208	2214	rVV	60364	107799	27.60%	3.768%
92	15.432	2214	2219	2223	rVV2	4288	7333	1.88%	0.256%
93	15.487	2223	2228	2234	rVB	8394	15015	3.84%	0.525%
94	15.542	2236	2237	2240	rVB2	401	390	0.10%	0.014%
95	15.639	2245	2253	2254	rBV	2885	4447	1.14%	0.155%
96	15.767	2272	2274	2277	rBV	188	202	0.05%	0.007%
97	16.078	2323	2325	2328	rBV2	340	435	0.11%	0.015%
98	16.316	2362	2364	2365	rBV	125	100	0.03%	0.003%
99	16.438	2375	2384	2396	rVB	20570	42426	10.86%	1.483%
100	16.639	2409	2417	2426	rBV2	10818	23258	5.96%	0.813%

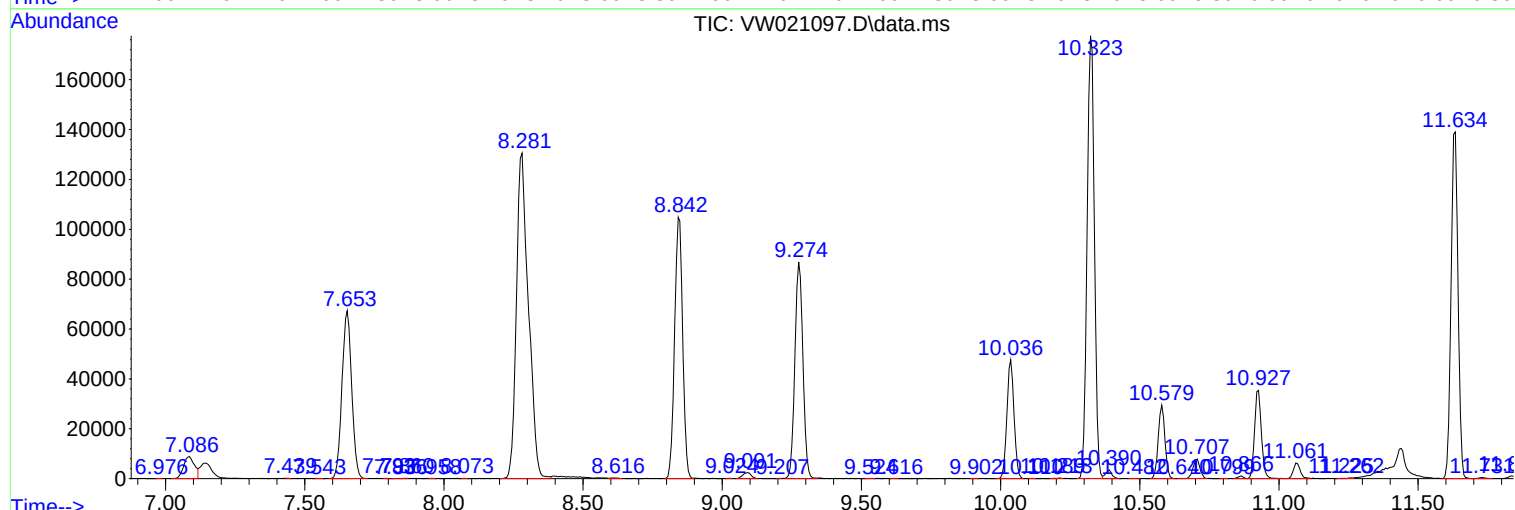
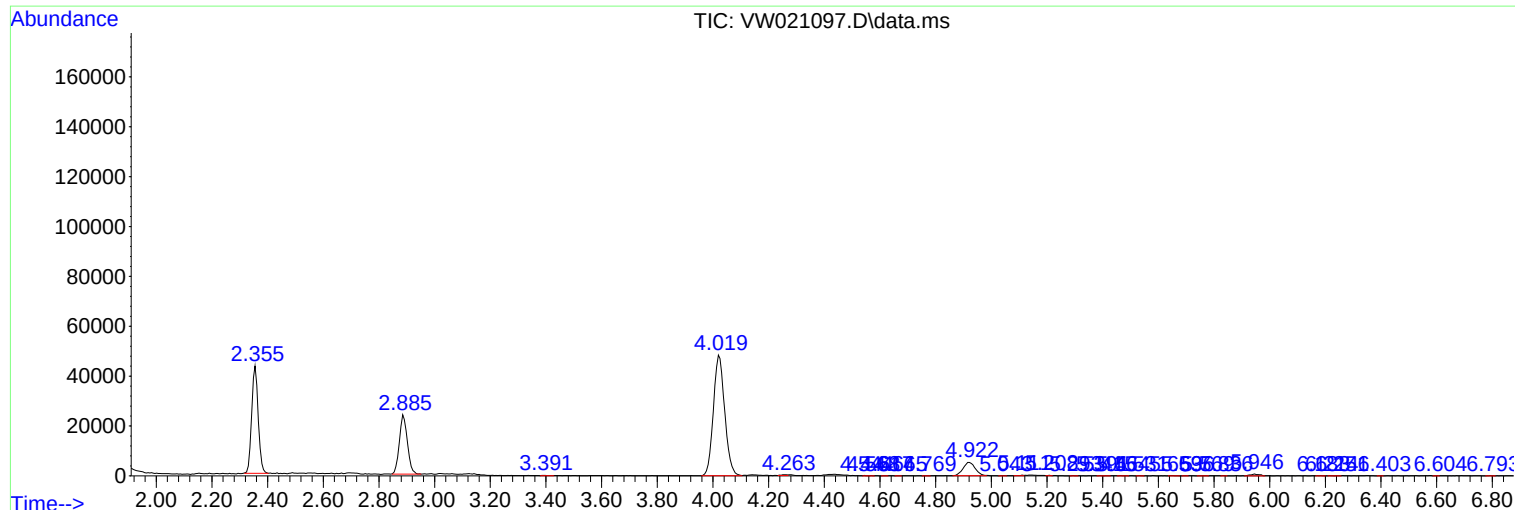
Sum of corrected areas: 2861111

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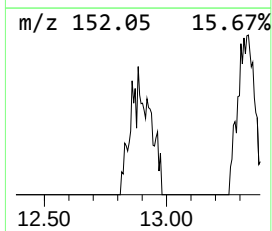
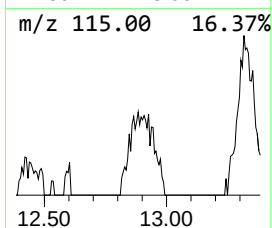
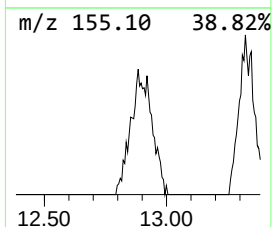
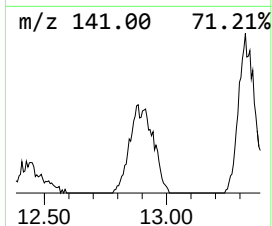
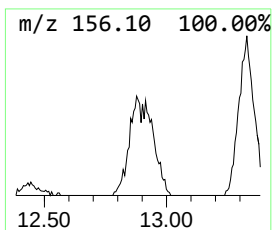
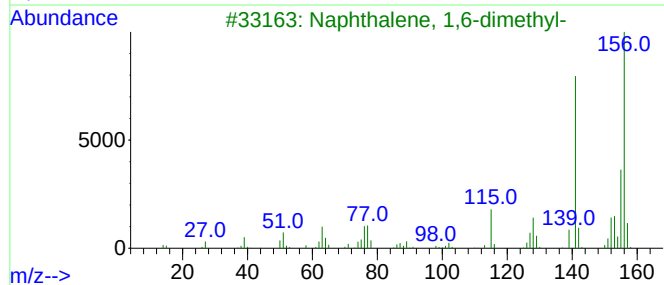
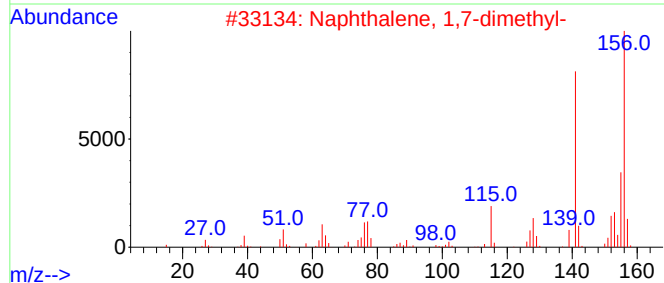
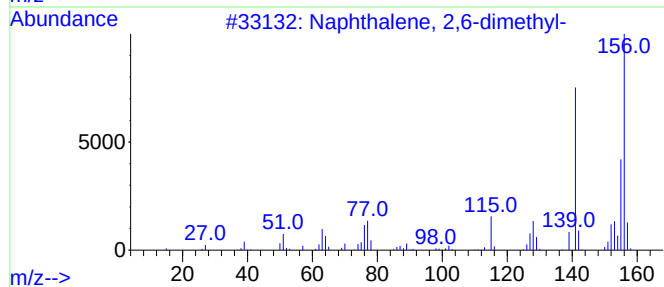
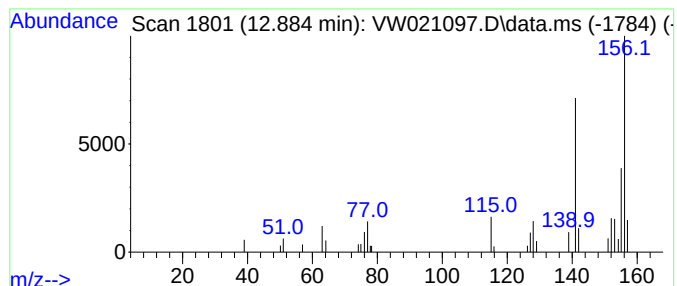
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	3.21 ug/L	26398	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	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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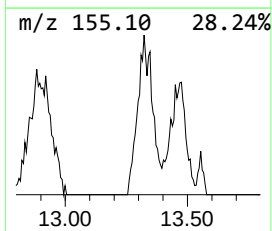
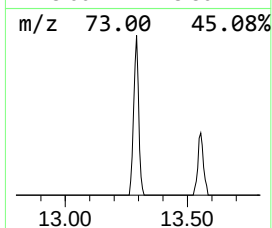
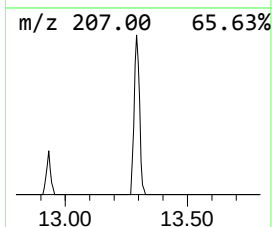
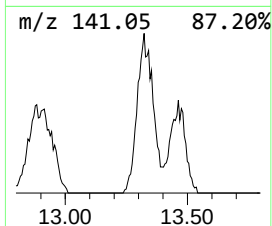
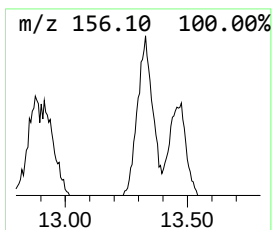
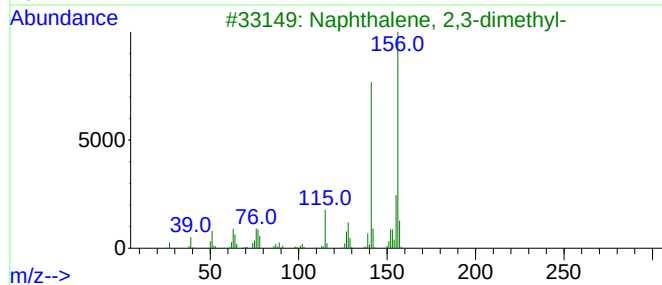
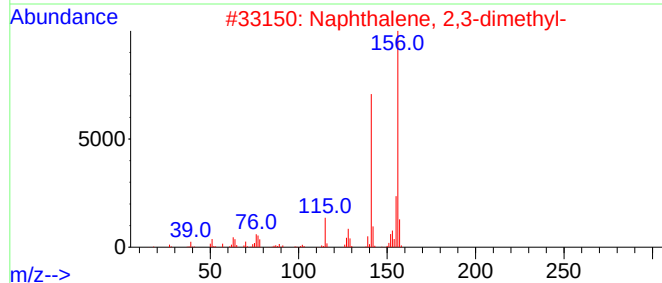
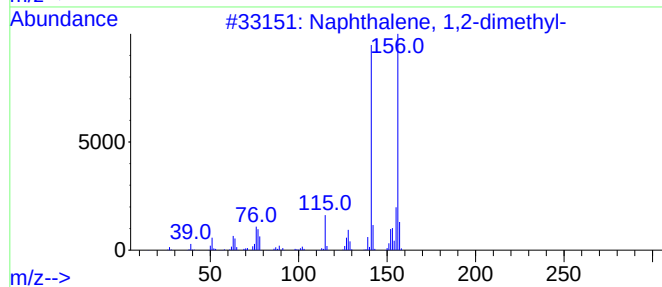
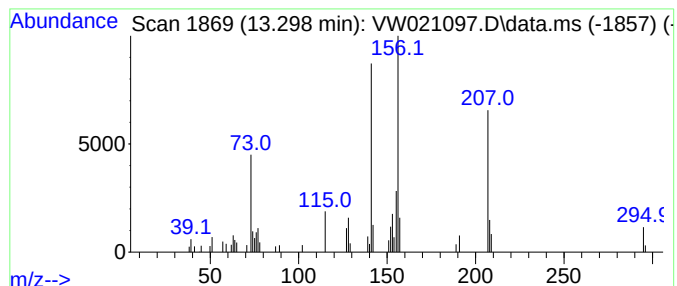
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.80 ug/L	23014	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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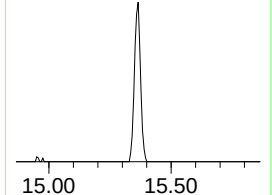
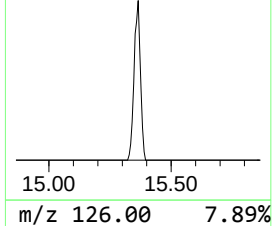
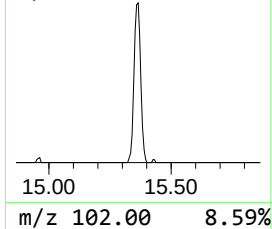
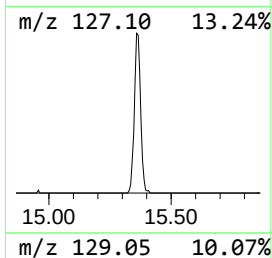
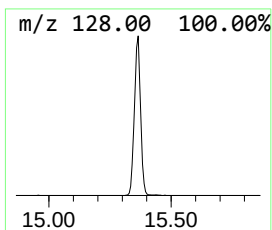
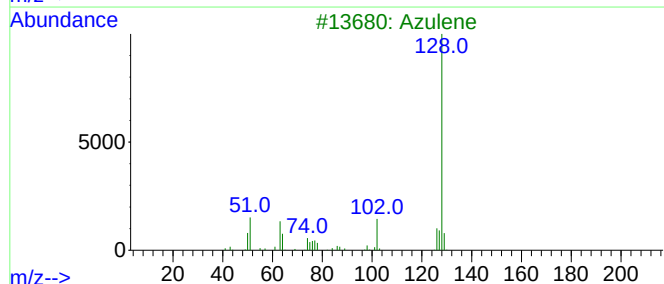
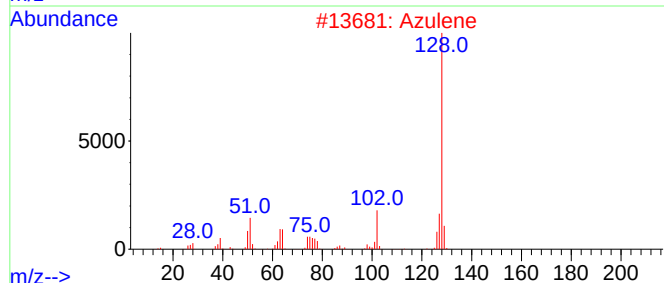
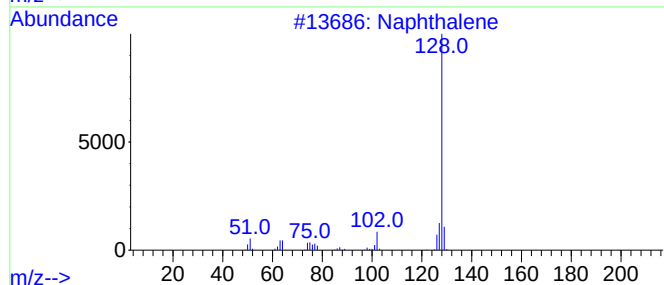
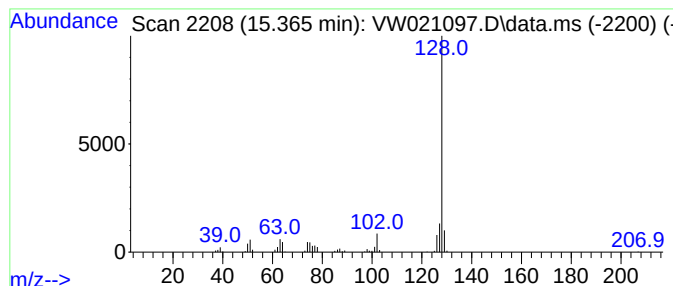
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	13.11 ug/L	107799	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	91
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021097.D
Acq On : 04 Dec 2021 05:16
Operator : SY/VA
Sample : M4883-09
Misc : 3.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G5

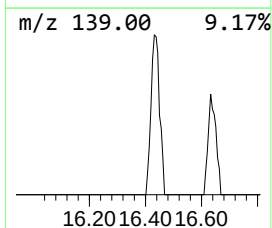
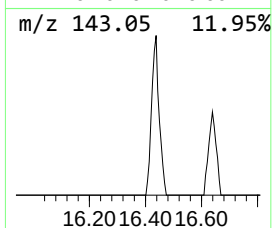
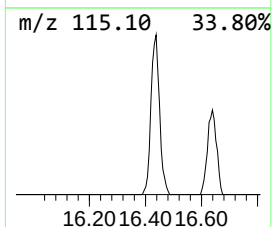
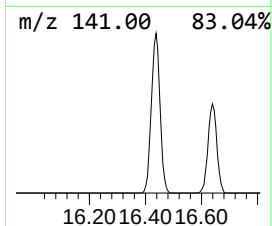
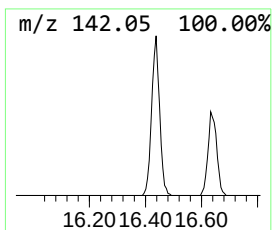
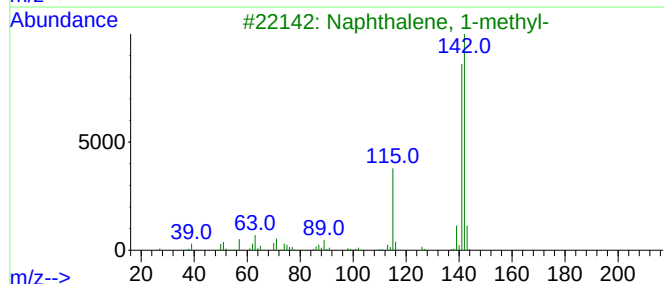
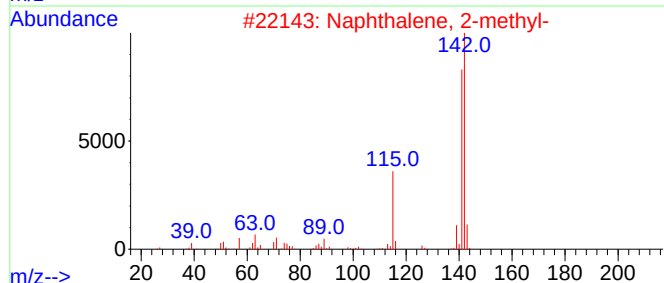
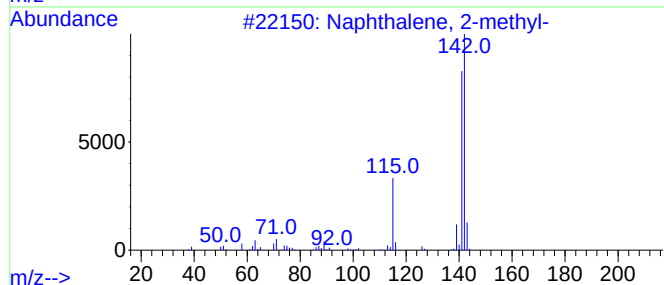
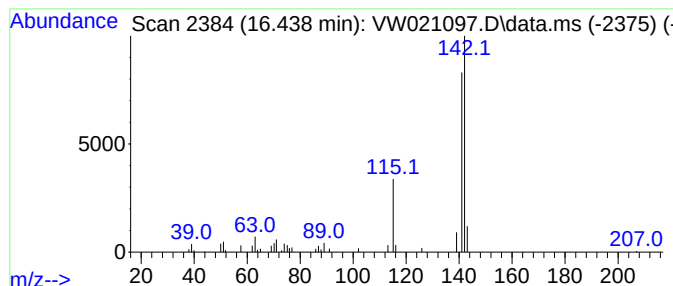
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	5.16 ug/L	42426	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021097.D
Acq On : 04 Dec 2021 05:16
Operator : SY/VA
Sample : M4883-09
Misc : 3.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G5

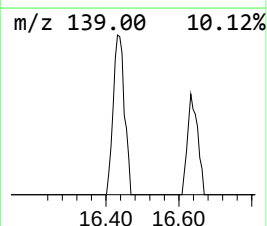
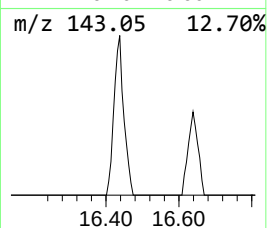
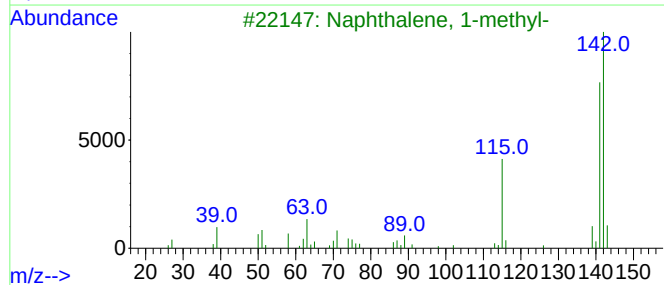
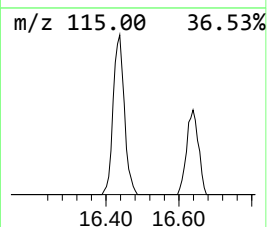
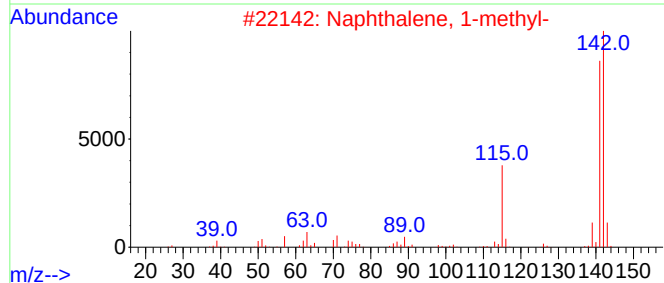
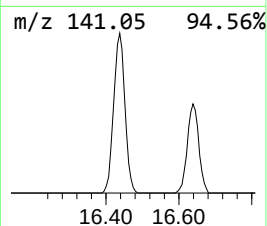
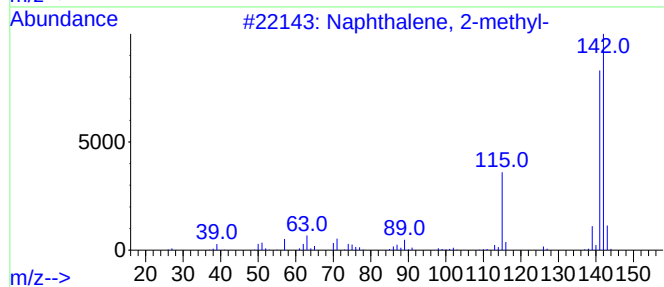
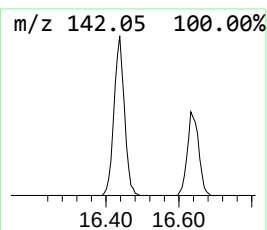
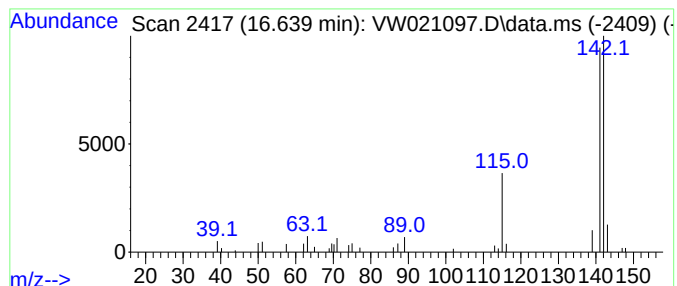
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	2.83 ug/L	23258	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021097.D
Acq On : 04 Dec 2021 05:16
Operator : SY/VA
Sample : M4883-09
Misc : 3.74g/10.0mL/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9G5

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
Naphthalene, 2,...	12.884	3.2	ug/L	26398	3	13.554	205532	25.0
Naphthalene, 1,...	13.298	2.8	ug/L	23014	3	13.554	205532	25.0
Azulene	15.365	13.1	ug/L	107799	3	13.554	205532	25.0
Naphthalene, 2-...	16.438	5.2	ug/L	42426	3	13.554	205532	25.0
Naphthalene, 1-...	16.639	2.8	ug/L	23258	3	13.554	205532	25.0