

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027000.D
 Acq On : 07 Sep 2023 13:24
 Operator : SY/MD
 Sample : 04330-05
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYX6

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	8	11	18	rVB	12376	18002	0.73%	0.098%
2	2.107	34	36	38	rBV3	1968	2361	0.10%	0.013%
3	2.174	42	47	48	rBV5	3632	3774	0.15%	0.021%
4	2.314	68	70	71	rBV2	5194	3349	0.14%	0.018%
5	2.369	71	79	90	rVV	86868	292241	11.79%	1.594%
6	2.893	158	165	178	rBV	106372	301985	12.18%	1.648%
7	3.314	231	234	241	rVB9	2744	3785	0.15%	0.021%
8	3.381	241	245	252	rBV5	6459	14976	0.60%	0.082%
9	3.472	259	260	263	rVB3	3259	2143	0.09%	0.012%
10	3.533	269	270	275	rVB5	1631	1903	0.08%	0.010%
11	3.576	275	277	280	rBV4	2458	1751	0.07%	0.010%
12	3.612	280	283	286	rVB4	3002	3839	0.15%	0.021%
13	3.869	318	325	327	rBV8	2777	6286	0.25%	0.034%
14	3.893	327	329	334	rVB6	1956	2883	0.12%	0.016%
15	3.948	334	338	340	rBV5	2366	2630	0.11%	0.014%
16	4.021	340	350	363	rBV	171230	638453	25.75%	3.483%
17	4.387	400	410	419	rBV	18207	60667	2.45%	0.331%
18	4.515	429	431	435	rVB5	2117	3113	0.13%	0.017%
19	4.643	448	452	454	rBV4	2271	3156	0.13%	0.017%
20	4.704	461	462	465	rBV3	1622	1894	0.08%	0.010%
21	4.923	487	498	499	rBV4	20635	49377	1.99%	0.269%
22	5.021	512	514	518	rVB5	2551	2894	0.12%	0.016%
23	5.106	525	528	531	rVB5	1533	2063	0.08%	0.011%
24	5.149	531	535	537	rBV5	1728	1839	0.07%	0.010%
25	5.289	555	558	559	rBV3	2025	2087	0.08%	0.011%
26	5.374	570	572	575	rBV4	1862	2092	0.08%	0.011%
27	5.435	575	582	585	rVB8	4494	8094	0.33%	0.044%
28	5.490	589	591	595	rVB5	3329	2976	0.12%	0.016%
29	5.527	595	597	599	rBV3	2326	1723	0.07%	0.009%
30	5.643	612	616	617	rBV4	2177	2240	0.09%	0.012%
31	5.740	629	632	633	rBV3	2162	2066	0.08%	0.011%
32	5.789	638	640	646	rVB6	2537	4586	0.18%	0.025%
33	5.880	652	655	656	rBV3	1738	1938	0.08%	0.011%
34	5.947	656	666	673	rVB7	11761	37847	1.53%	0.206%
35	6.008	673	676	679	rBV5	2917	3514	0.14%	0.019%
36	6.082	687	688	691	rBV3	2171	2201	0.09%	0.012%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	6.155	698	700	706	rVB7	3051	3614	0.15%	0.020%
38	6.210	706	709	712	rBV5	2299	3865	0.16%	0.021%
39	6.289	720	722	724	rBV3	1671	1908	0.08%	0.010%
40	6.350	729	732	735	rBV5	1758	2124	0.09%	0.012%
41	6.466	750	751	755	rBV4	2037	2326	0.09%	0.013%
42	6.533	758	762	766	rVB7	2248	3284	0.13%	0.018%
43	6.703	788	790	792	rVV3	2451	2785	0.11%	0.015%
44	6.740	794	796	803	rVV8	2050	3926	0.16%	0.021%
45	6.850	812	814	817	rVB4	2344	2112	0.09%	0.012%
46	7.075	843	851	858	rBV	78462	226674	9.14%	1.237%
47	7.142	858	862	873	rVV2	38188	106584	4.30%	0.582%
48	7.222	873	875	879	rVB4	3641	4500	0.18%	0.025%
49	7.252	879	880	884	rBV4	2038	1915	0.08%	0.010%
50	7.429	905	909	911	rBV5	1601	2047	0.08%	0.011%
51	7.508	919	922	923	rBV3	2133	1980	0.08%	0.011%
52	7.587	932	935	936	rBV3	2705	3107	0.13%	0.017%
53	7.648	936	945	958	rVB2	382380	1081749	43.63%	5.902%
54	7.813	968	972	973	rBV4	1839	2483	0.10%	0.014%
55	7.923	982	990	994	rVV10	4233	12457	0.50%	0.068%
56	7.959	994	996	999	rVB4	3220	2595	0.10%	0.014%
57	8.020	1004	1006	1008	rBV3	1789	2350	0.09%	0.013%
58	8.154	1020	1028	1036	rBV3	7061	22226	0.90%	0.121%
59	8.276	1038	1048	1063	rVV2	832446	2479268	100.00%	13.527%
60	8.374	1063	1064	1068	rVV4	2077	2643	0.11%	0.014%
61	8.423	1070	1072	1074	rVB3	3093	2643	0.11%	0.014%
62	8.502	1082	1085	1086	rVB3	1967	1846	0.07%	0.010%
63	8.575	1095	1097	1098	rBV2	2091	1837	0.07%	0.010%
64	8.697	1111	1117	1120	rBV6	9051	16739	0.68%	0.091%
65	8.727	1120	1122	1124	rVB3	1942	1748	0.07%	0.010%
66	8.782	1128	1131	1132	rBV3	2081	2377	0.10%	0.013%
67	8.843	1132	1141	1152	rBV	980923	1928839	77.80%	10.524%
68	9.075	1172	1179	1188	rVB	231424	461807	18.63%	2.520%
69	9.166	1191	1194	1197	rVB5	1978	2090	0.08%	0.011%
70	9.215	1200	1202	1204	rBV3	1872	1939	0.08%	0.011%
71	9.276	1204	1212	1221	rBV	581586	1200808	48.43%	6.552%
72	9.502	1246	1249	1251	rBV4	1743	2332	0.09%	0.013%
73	9.575	1258	1261	1264	rBV5	1365	1987	0.08%	0.011%
74	9.672	1272	1277	1283	rBV10	5576	12973	0.52%	0.071%
75	9.770	1291	1293	1295	rVB3	2951	2522	0.10%	0.014%
76	9.953	1321	1323	1325	rBV3	3341	3245	0.13%	0.018%

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77	9.977	1325	1327	1329	rBV3	2463	2572	0.10%	0.014%
78	10.032	1329	1336	1344	rBV	276554	496816	20.04%	2.711%
79	10.325	1376	1384	1391	rBV	992487	1774216	71.56%	9.680%
80	10.392	1391	1395	1401	rVB	14418	28481	1.15%	0.155%
81	10.501	1410	1413	1419	rVB2	10458	15638	0.63%	0.085%
82	10.575	1419	1425	1435	rBV	176487	308179	12.43%	1.681%
83	10.697	1440	1445	1450	rVV	14874	27869	1.12%	0.152%
84	10.922	1476	1482	1495	rBV	224308	409644	16.52%	2.235%
85	11.166	1520	1522	1523	rBV2	6298	5987	0.24%	0.033%
86	11.629	1591	1598	1610	rBV	1226618	2057125	82.97%	11.224%
87	11.837	1627	1632	1635	rBV2	23124	44507	1.80%	0.243%
88	12.166	1682	1686	1690	rBV4	11145	20438	0.82%	0.112%
89	12.337	1712	1714	1717	rBV4	8485	13015	0.52%	0.071%
90	12.690	1766	1772	1778	rBV	332072	537064	21.66%	2.930%
91	12.800	1779	1790	1791	rBV5	32191	81752	3.30%	0.446%
92	13.251	1859	1864	1878	rVB5	74531	258777	10.44%	1.412%
93	13.556	1908	1914	1922	rBV	917012	1440811	58.11%	7.861%
94	13.848	1956	1962	1971	rBV	636390	1119561	45.16%	6.108%
95	14.720	2102	2105	2113	rVB4	22465	38561	1.56%	0.210%
96	14.921	2130	2138	2150	rVB2	127182	416359	16.79%	2.272%
97	15.360	2206	2210	2218	rBV2	39137	68292	2.75%	0.373%
98	15.549	2237	2241	2244	rBV3	17422	25849	1.04%	0.141%
99	16.281	2357	2361	2365	rVB7	6873	9889	0.40%	0.054%
100	16.342	2369	2371	2373	rBV3	6027	6211	0.25%	0.034%

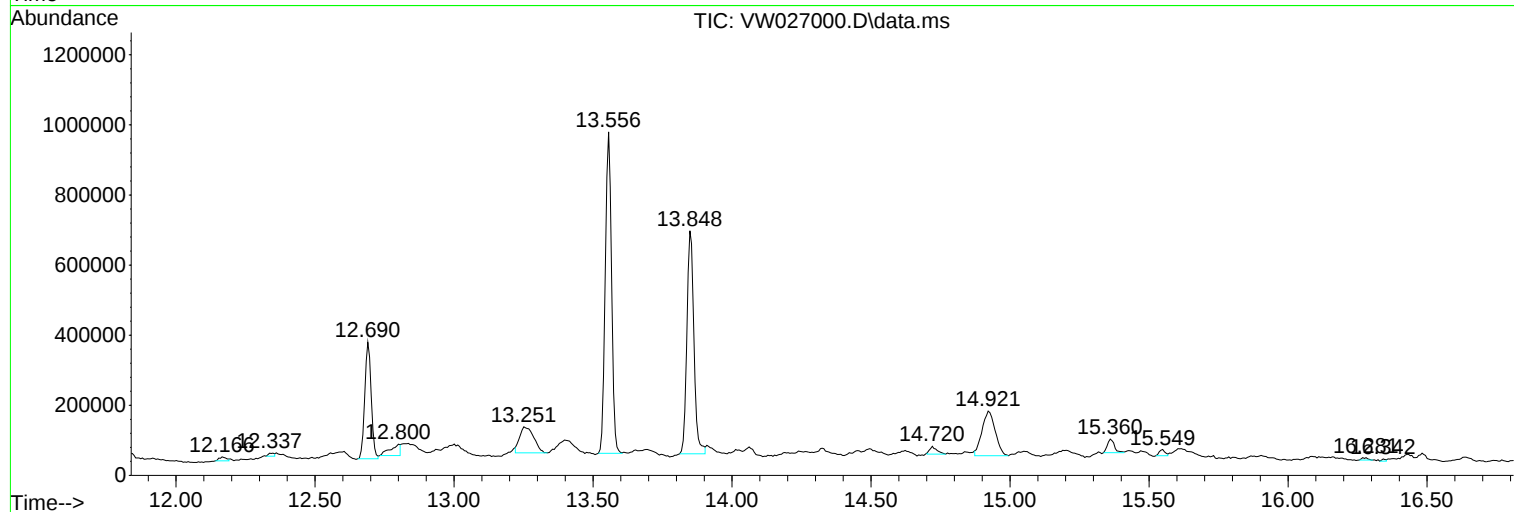
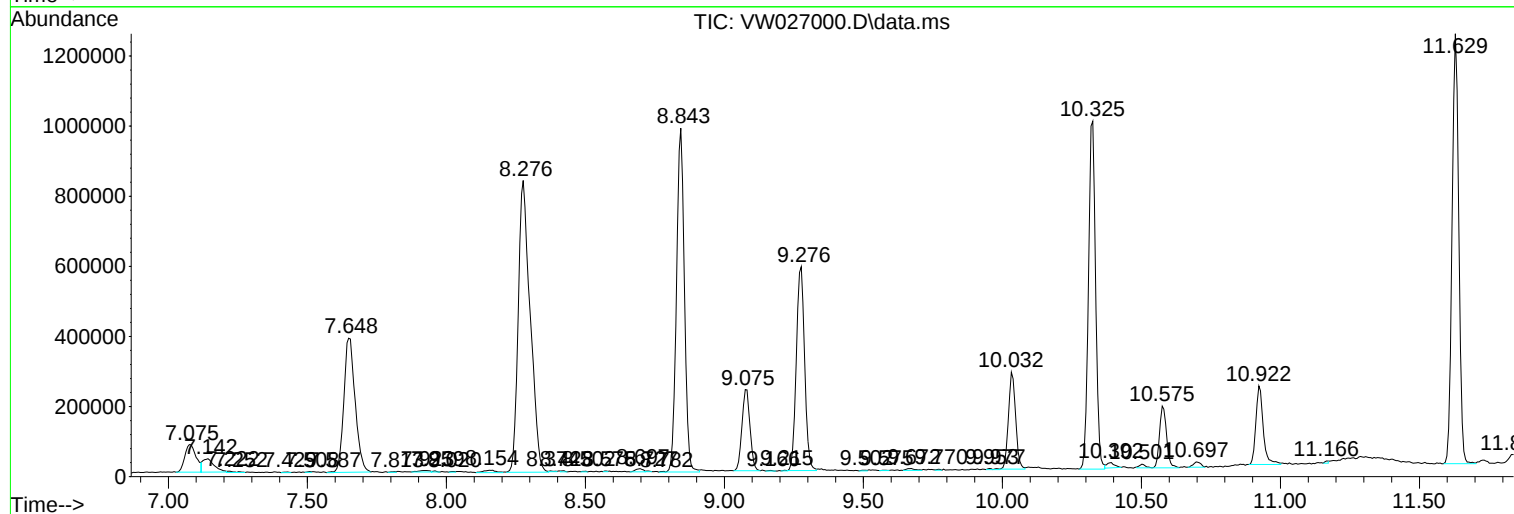
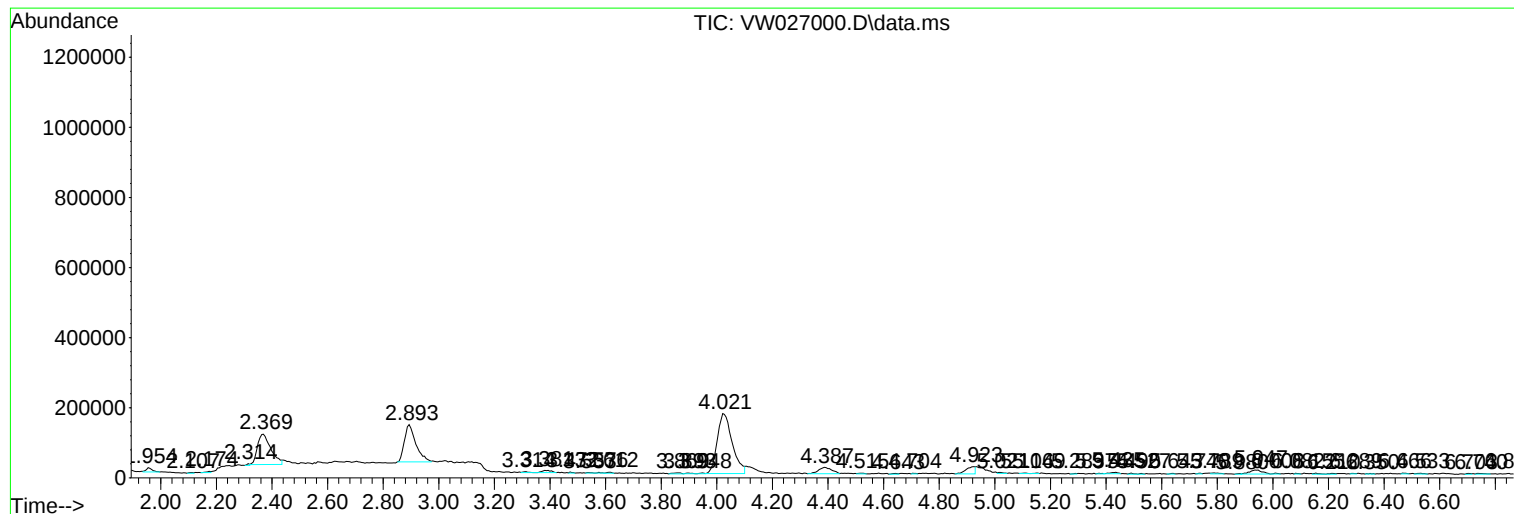
Sum of corrected areas: 18328595

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



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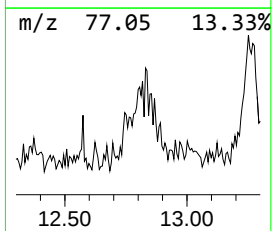
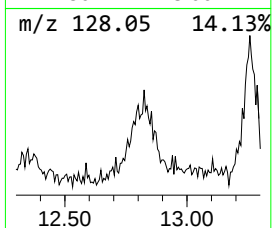
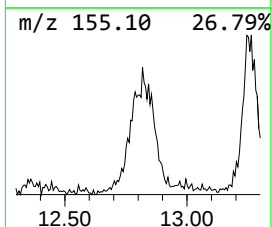
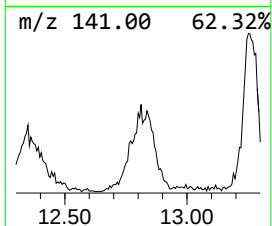
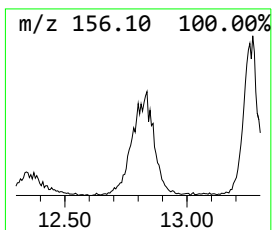
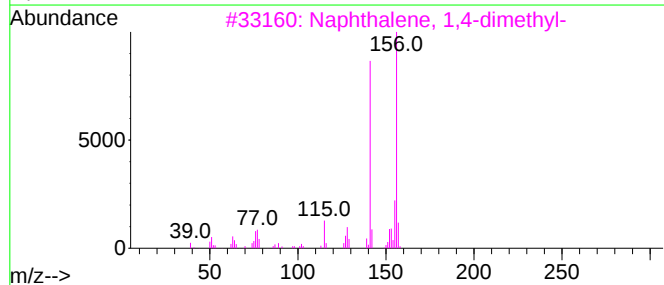
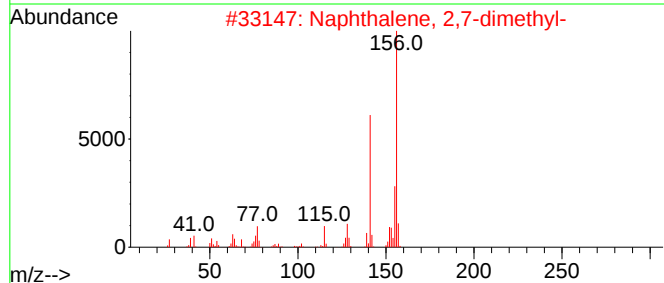
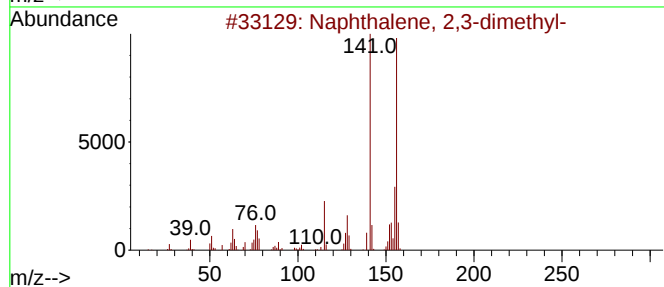
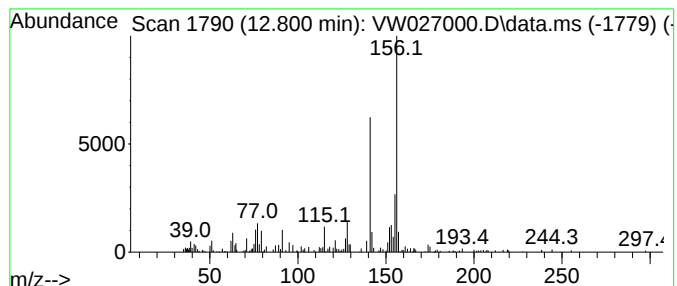
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Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	1.42 ug/L	81752	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



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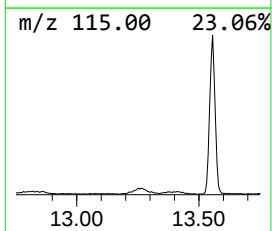
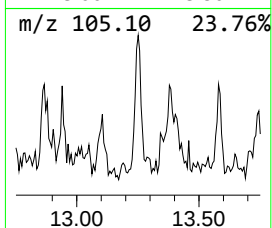
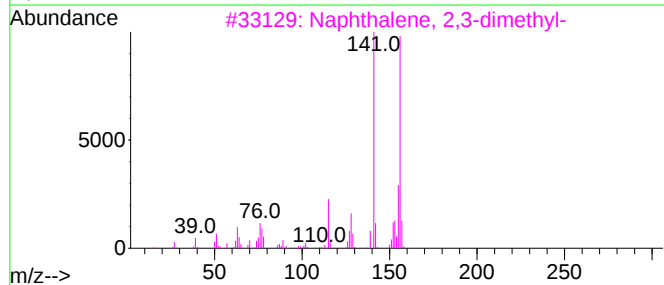
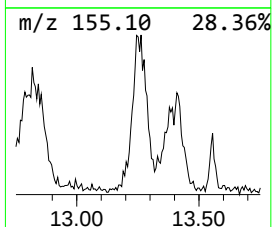
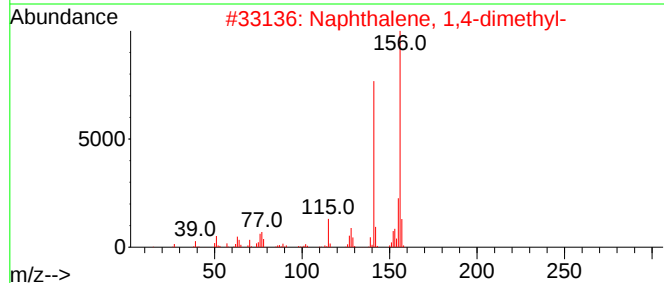
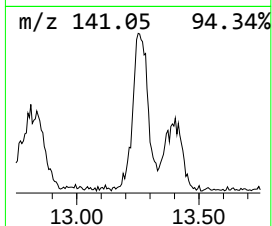
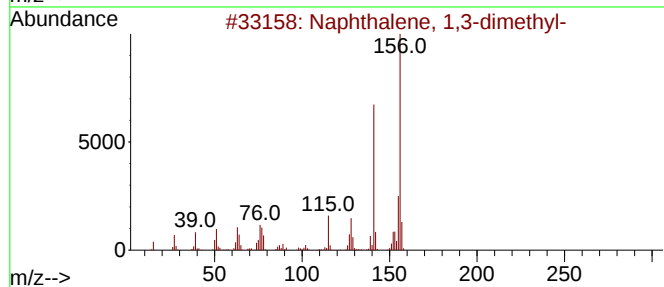
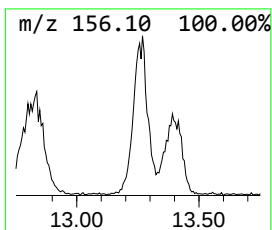
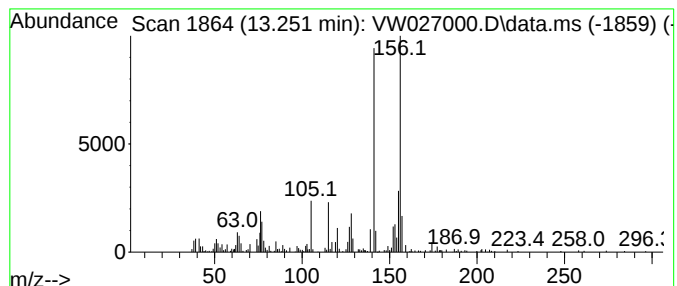
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	4.49 ug/L	258777	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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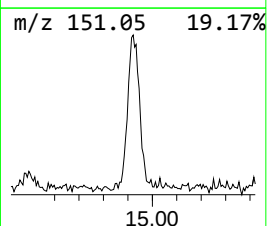
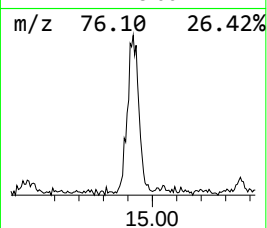
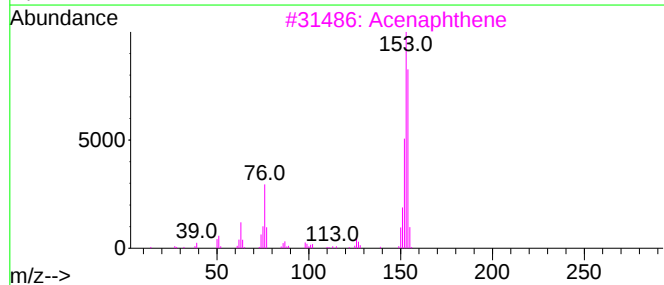
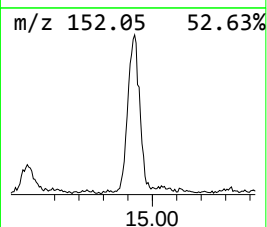
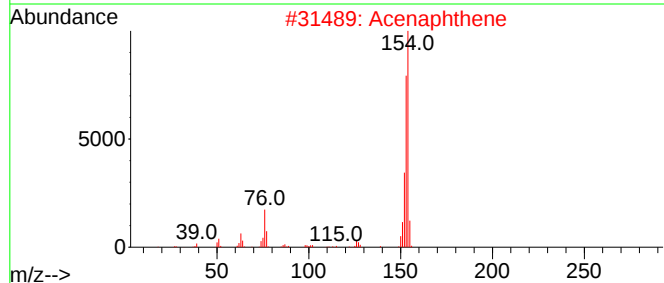
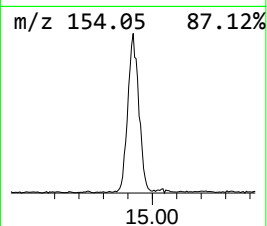
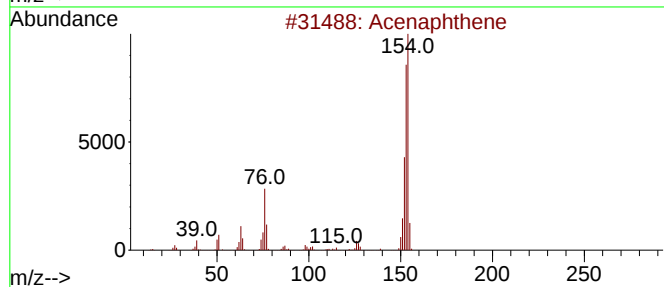
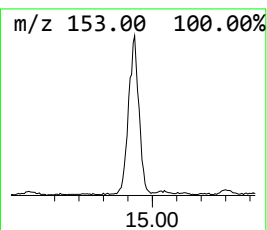
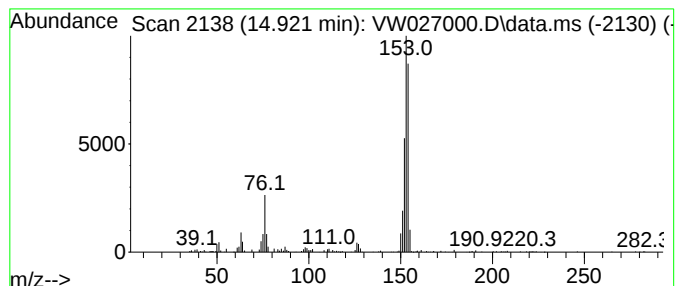
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	7.22 ug/L	416359	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	91
2			Acenaphthene	154	C12H10	000083-32-9	76
3			Acenaphthene	154	C12H10	000083-32-9	68
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
5			Acenaphthene	154	C12H10	000083-32-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027000.D
Acq On : 07 Sep 2023 13:24
Operator : SY/MD
Sample : 04330-05
Misc : 6.51g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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,...	12.800	1.4	ug/L	81752	3	13.556	1440810	25.0
Naphthalene, 1,...	13.251	4.5	ug/L	258777	3	13.556	1440810	25.0
Naphthalene, 2-...	14.921	7.2	ug/L	416359	3	13.556	1440810	25.0