

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024805.D
 Acq On : 10 Oct 2022 14:32
 Operator : SY/VA
 Sample : N5049-09
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COBM0

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\SFAMWLM092622SMA.M
 Title : SFAM01.0

Signal : TIC: VW024805.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	113842	185136	12.12%	1.863%
2	2.885	155	161	170	rBV	54197	117453	7.69%	1.182%
3	3.385	239	243	245	rBV3	707	1081	0.07%	0.011%
4	3.483	255	259	261	rBV4	667	897	0.06%	0.009%
5	3.538	264	268	271	rBV3	1545	2395	0.16%	0.024%
6	3.623	281	282	287	rBV	723	723	0.05%	0.007%
7	4.019	335	347	363	rBV	161953	494581	32.38%	4.976%
8	4.129	363	365	368	rVB3	1567	1587	0.10%	0.016%
9	4.202	373	377	383	rBV6	1545	3150	0.21%	0.032%
10	4.367	401	404	407	rBV3	599	852	0.06%	0.009%
11	4.611	438	444	452	rBV2	1716	5380	0.35%	0.054%
12	4.922	482	495	509	rBV2	17646	62686	4.10%	0.631%
13	5.428	575	578	579	rVV2	580	450	0.03%	0.005%
14	5.482	582	587	589	rBV2	392	525	0.03%	0.005%
15	5.653	613	615	618	rBV2	400	516	0.03%	0.005%
16	5.757	629	632	634	rBV2	366	438	0.03%	0.004%
17	5.891	650	654	655	rBV3	447	560	0.04%	0.006%
18	5.946	655	663	673	rVB4	4759	14344	0.94%	0.144%
19	6.086	683	686	690	rVB	501	705	0.05%	0.007%
20	6.153	693	697	700	rBV2	353	534	0.03%	0.005%
21	6.190	700	703	706	rBV2	338	506	0.03%	0.005%
22	6.488	749	752	755	rVB2	308	438	0.03%	0.004%
23	6.793	801	802	805	rVB2	465	443	0.03%	0.004%
24	6.897	815	819	824	rBV3	370	497	0.03%	0.005%
25	7.080	840	849	875	rBV	47281	172365	11.29%	1.734%
26	7.336	888	891	894	rBV4	569	763	0.05%	0.008%
27	7.445	904	909	913	rBV3	565	1244	0.08%	0.013%
28	7.647	932	942	956	rBV	261016	653832	42.81%	6.578%
29	7.890	976	982	985	rBV4	539	983	0.06%	0.010%
30	7.951	987	992	994	rVB	788	773	0.05%	0.008%
31	7.970	994	995	998	rVB2	614	458	0.03%	0.005%
32	8.275	1035	1045	1062	rBV2	502886	1527287	100.00%	15.367%
33	8.610	1098	1100	1102	rVB2	815	516	0.03%	0.005%
34	8.689	1108	1113	1119	rBV5	1073	2308	0.15%	0.023%
35	8.842	1129	1138	1152	rBV	549310	1064021	69.67%	10.706%
36	9.079	1173	1177	1183	rVB3	1724	2524	0.17%	0.025%

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 Title : SFAM01.0

37	9.274	1200	1209	1218	rBV	373504	744470	48.74%	7.490%
38	9.610	1260	1264	1265	rVV3	729	816	0.05%	0.008%
39	9.628	1265	1267	1268	rVV2	699	526	0.03%	0.005%
40	9.665	1270	1273	1277	rVV3	1560	2835	0.19%	0.029%
41	9.713	1279	1281	1283	rVV	567	522	0.03%	0.005%
42	10.036	1326	1334	1344	rBV	131907	246646	16.15%	2.482%
43	10.134	1346	1350	1351	rVV3	947	1209	0.08%	0.012%
44	10.207	1359	1362	1365	rVV2	400	458	0.03%	0.005%
45	10.323	1373	1381	1388	rBV	594921	1057842	69.26%	10.643%
46	10.384	1388	1391	1398	rVB3	7165	12068	0.79%	0.121%
47	10.457	1400	1403	1404	rBV3	1197	1275	0.08%	0.013%
48	10.579	1416	1423	1433	rBV	83214	144302	9.45%	1.452%
49	10.701	1440	1443	1450	rVB4	1652	2810	0.18%	0.028%
50	10.786	1455	1457	1460	rVB	491	463	0.03%	0.005%
51	10.859	1465	1469	1473	rBV5	1362	2593	0.17%	0.026%
52	10.920	1473	1479	1493	rBV	146009	281333	18.42%	2.831%
53	11.128	1511	1513	1517	rVB4	1193	1382	0.09%	0.014%
54	11.164	1517	1519	1521	rBV3	408	505	0.03%	0.005%
55	11.250	1531	1533	1534	rBV2	647	475	0.03%	0.005%
56	11.305	1539	1542	1545	rVV3	729	925	0.06%	0.009%
57	11.384	1554	1555	1557	rBV3	581	548	0.04%	0.006%
58	11.573	1584	1586	1587	rBV2	690	586	0.04%	0.006%
59	11.628	1587	1595	1608	rBV	567843	985964	64.56%	9.920%
60	11.719	1608	1610	1612	rBV3	726	488	0.03%	0.005%
61	11.792	1620	1622	1624	rVV2	639	620	0.04%	0.006%
62	11.829	1624	1628	1636	rVB8	2308	4966	0.33%	0.050%
63	12.091	1669	1671	1674	rVB2	677	558	0.04%	0.006%
64	12.152	1679	1681	1682	rBV2	1016	742	0.05%	0.007%
65	12.170	1682	1684	1685	rBV2	1337	802	0.05%	0.008%
66	12.268	1698	1700	1702	rBV2	610	578	0.04%	0.006%
67	12.371	1712	1717	1718	rBV3	2012	2566	0.17%	0.026%
68	12.524	1740	1742	1746	rBV5	791	663	0.04%	0.007%
69	12.609	1751	1756	1762	rVV4	5512	10537	0.69%	0.106%
70	12.688	1762	1769	1777	rVB	260807	423873	27.75%	4.265%
71	12.865	1777	1798	1820	rBV6	16537	113047	7.40%	1.137%
72	13.158	1842	1846	1849	rVB6	928	1564	0.10%	0.016%
73	13.188	1849	1851	1852	rBV2	899	796	0.05%	0.008%
74	13.286	1854	1867	1868	rBV3	31813	74330	4.87%	0.748%
75	13.444	1883	1893	1904	rVB4	17212	69090	4.52%	0.695%
76	13.554	1904	1911	1921	rBV	362818	573000	37.52%	5.765%

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 Title : SFAM01.0

77	13.646	1924	1926	1932	rVB6	1874	2907	0.19%	0.029%
78	13.749	1939	1943	1944	rBV4	1836	2227	0.15%	0.022%
79	13.847	1952	1959	1968	rBV	270377	478465	31.33%	4.814%
80	14.060	1989	1994	2000	rVB	7339	13058	0.85%	0.131%
81	14.255	2024	2026	2028	rBV2	1341	1350	0.09%	0.014%
82	14.420	2051	2053	2057	rBV3	619	656	0.04%	0.007%
83	14.462	2057	2060	2061	rVV2	666	721	0.05%	0.007%
84	14.530	2061	2071	2079	rVV9	7772	26869	1.76%	0.270%
85	14.627	2083	2087	2090	rBV5	1759	2912	0.19%	0.029%
86	14.719	2099	2102	2105	rVB5	1900	1988	0.13%	0.020%
87	14.938	2127	2138	2153	rBV2	70555	233599	15.30%	2.350%
88	15.042	2153	2155	2156	rBV2	2404	1807	0.12%	0.018%
89	15.212	2181	2183	2184	rBV2	1427	1208	0.08%	0.012%
90	15.316	2194	2200	2210	rBV6	6315	21581	1.41%	0.217%
91	15.481	2222	2227	2234	rVB2	9949	19973	1.31%	0.201%
92	15.615	2243	2249	2264	rVB9	7585	28121	1.84%	0.283%
93	15.779	2274	2276	2277	rBV2	899	561	0.04%	0.006%
94	15.846	2285	2287	2288	rBV2	1064	710	0.05%	0.007%
95	16.102	2323	2329	2331	rBV6	2279	4000	0.26%	0.040%
96	16.206	2342	2346	2348	rBV5	1175	1582	0.10%	0.016%
97	16.566	2403	2405	2406	rBV2	657	486	0.03%	0.005%
98	16.615	2411	2413	2415	rVV3	1024	944	0.06%	0.009%
99	16.633	2415	2416	2418	rVB2	1414	936	0.06%	0.009%
100	16.779	2439	2440	2441	rBV	894	600	0.04%	0.006%

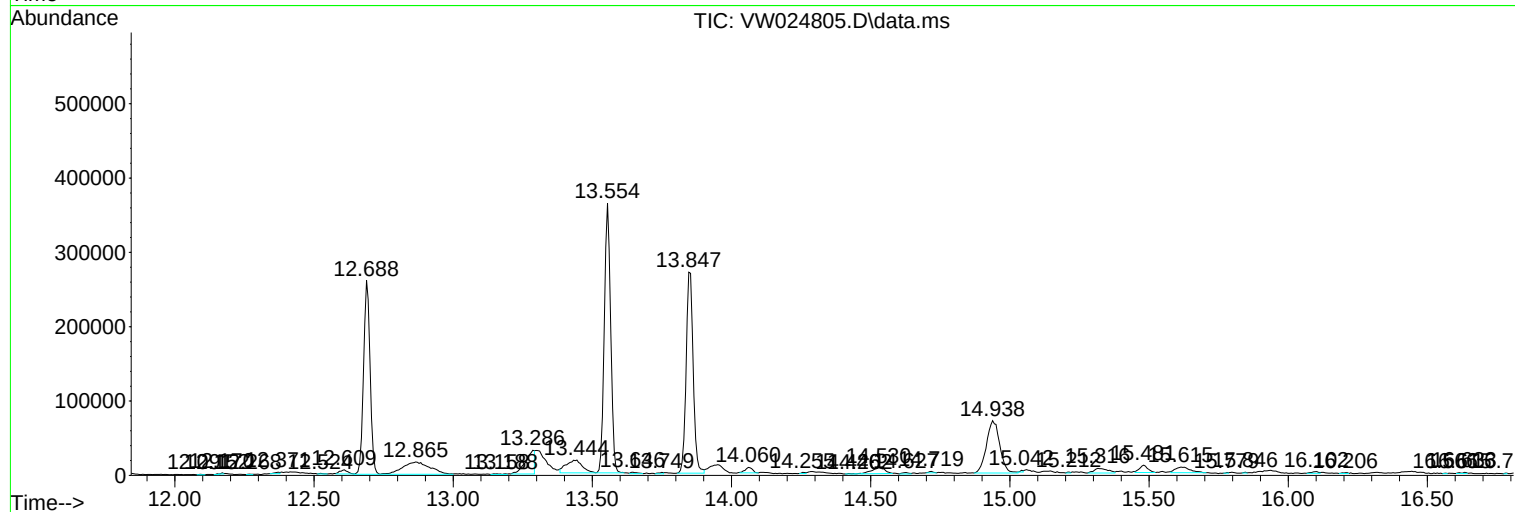
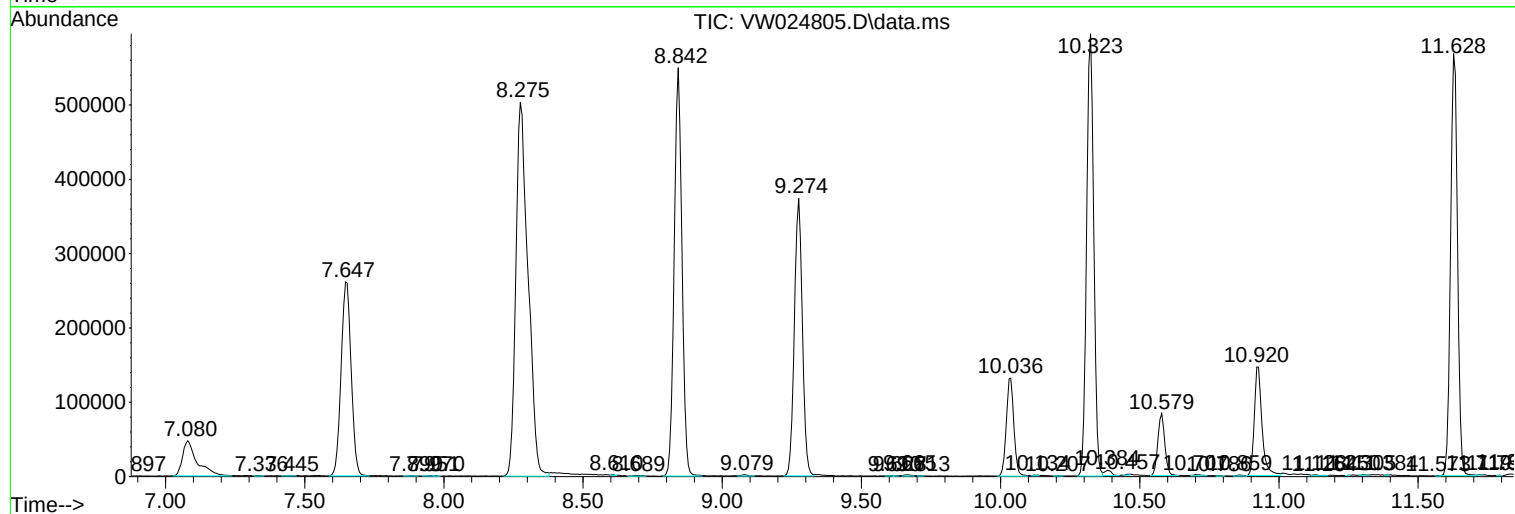
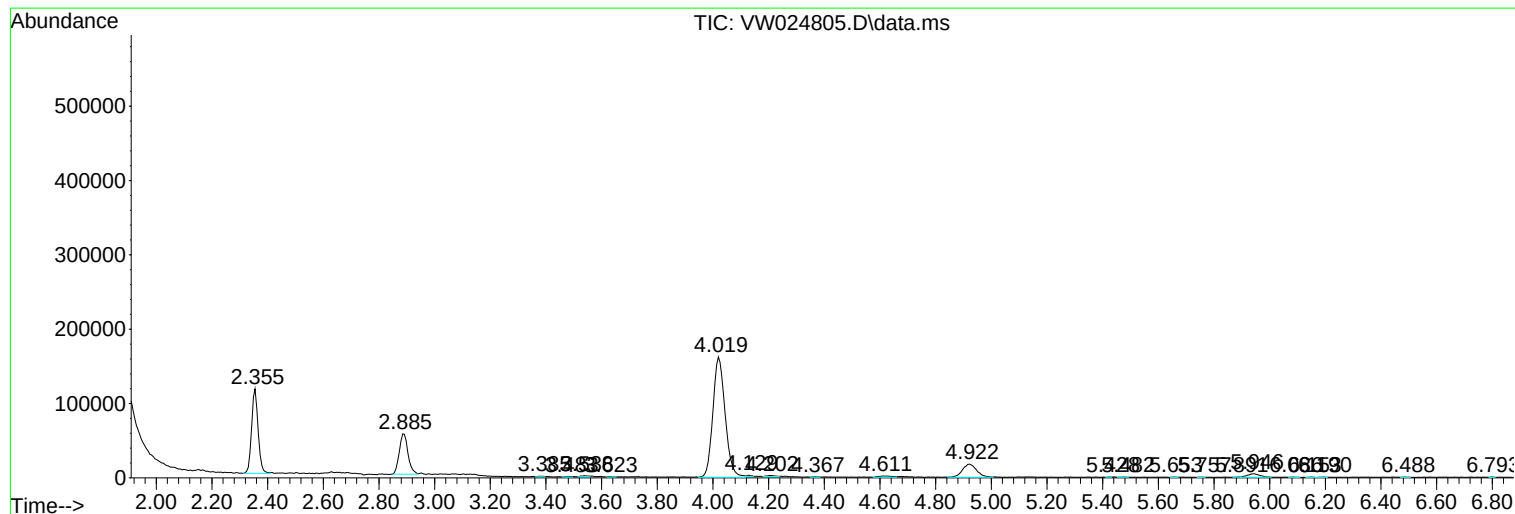
Sum of corrected areas: 9938985

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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



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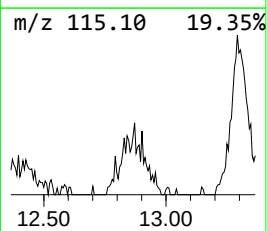
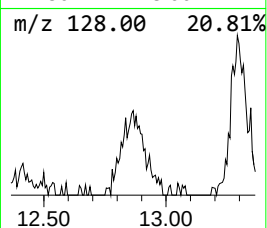
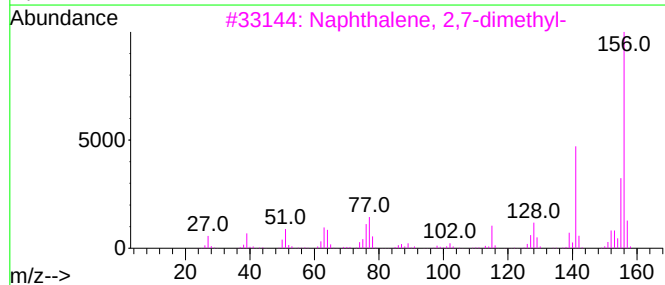
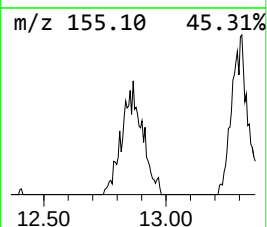
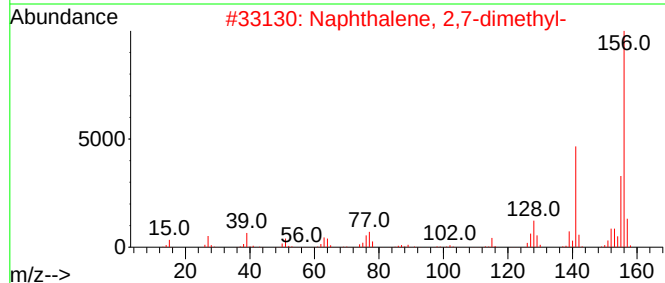
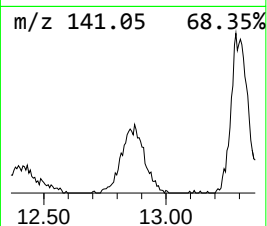
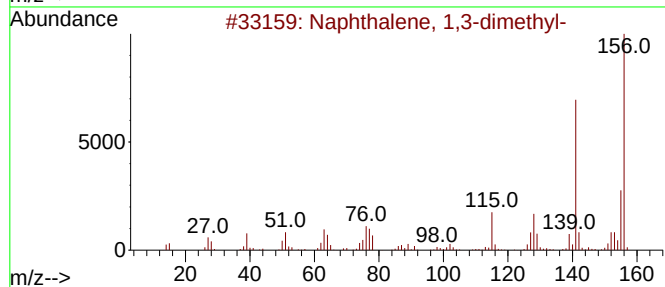
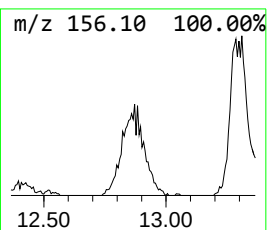
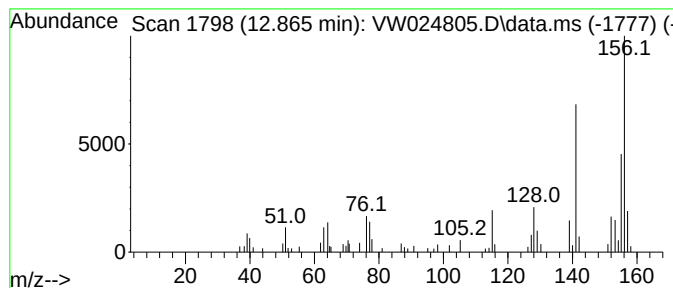
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	4.93 ug/L	113047	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81



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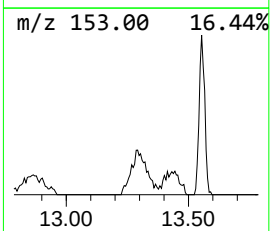
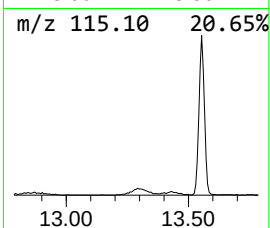
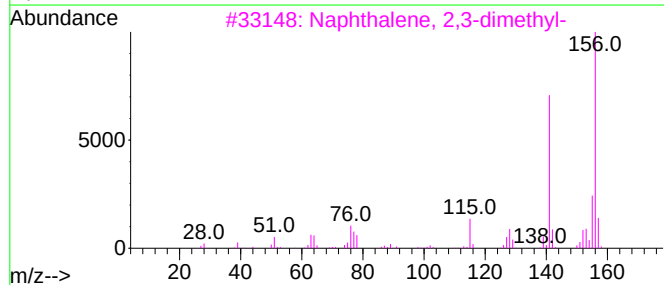
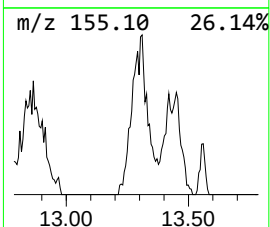
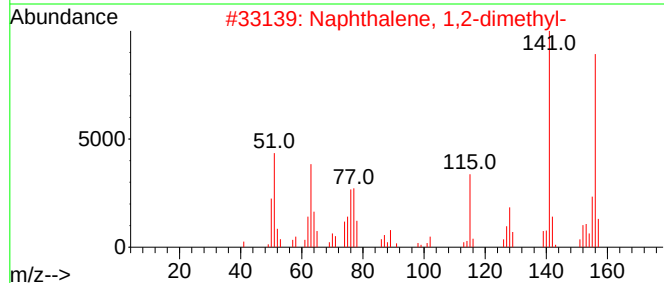
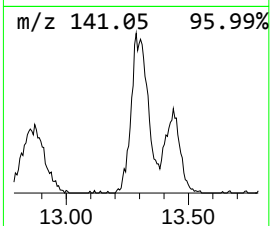
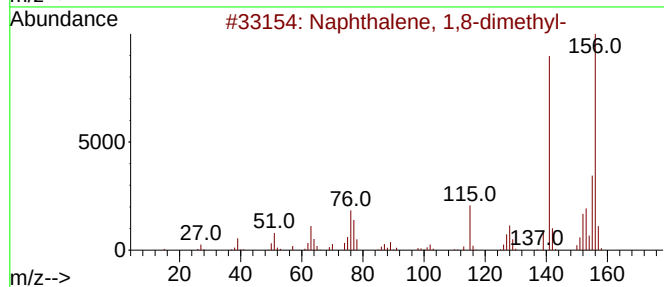
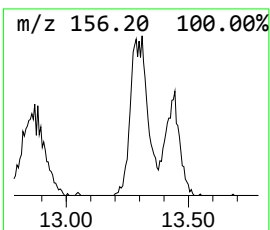
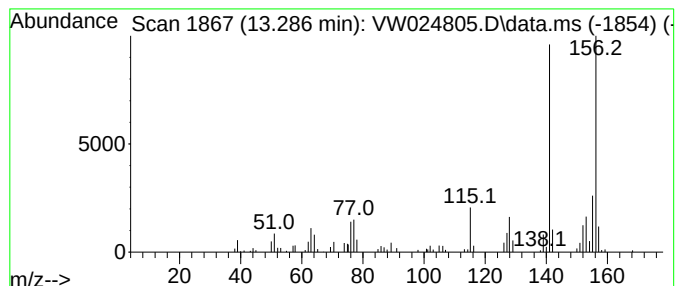
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,8-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	3.24 ug/L	74330	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



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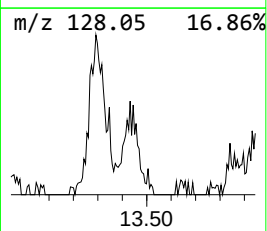
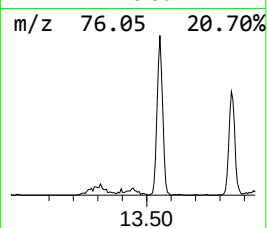
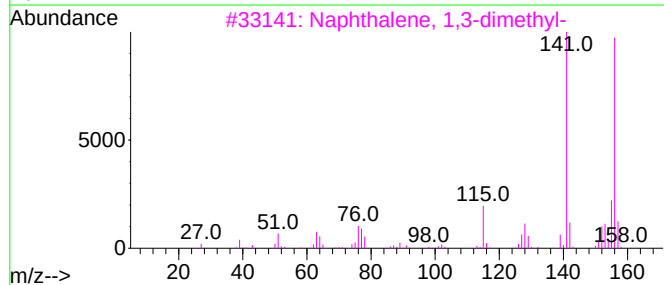
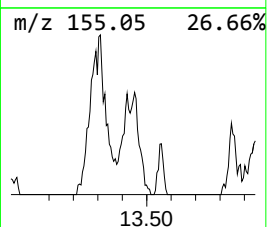
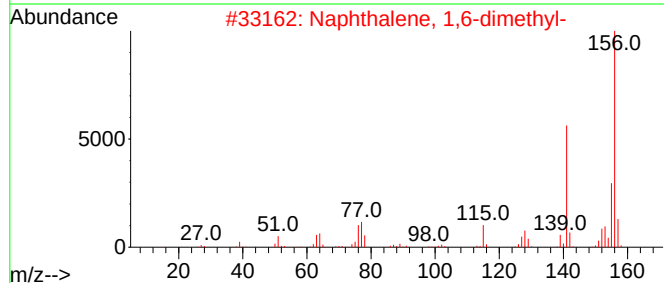
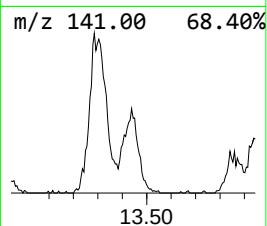
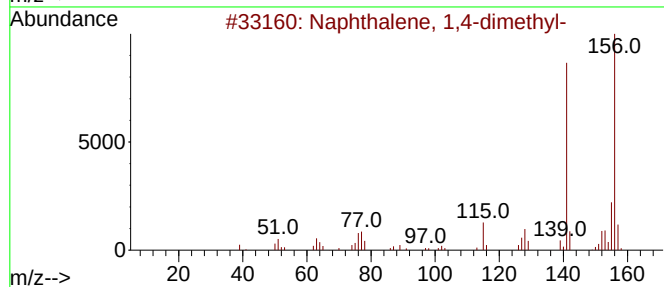
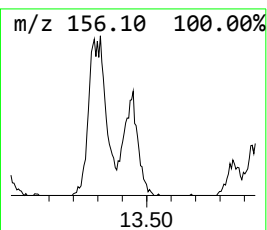
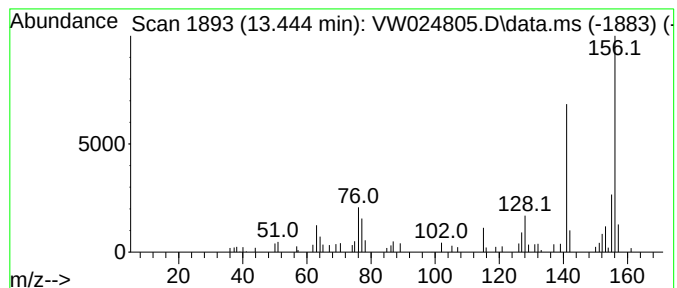
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	3.01 ug/L	69090	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	94
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
Data File : VW024805.D
Acq On : 10 Oct 2022 14:32
Operator : SY/VA
Sample : N5049-09
Misc : 5.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.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	4.9	ug/L	113047	3	13.554	573000	25.0
Naphthalene, 1,...	13.286	3.2	ug/L	74330	3	13.554	573000	25.0
Naphthalene, 1,...	13.444	3.0	ug/L	69090	3	13.554	573000	25.0