

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
 Data File : VW025677.D
 Acq On : 25 Apr 2023 12:39
 Operator : SY/MD
 Sample : 02479-13
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW976

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	93	rVB2	104185	270064	9.70%	1.507%
2	2.899	158	166	182	rVB	102035	286921	10.30%	1.601%
3	3.295	229	231	235	rVB5	2806	3491	0.13%	0.019%
4	3.734	300	303	304	rBV3	1571	1641	0.06%	0.009%
5	3.753	304	306	311	rVB6	2750	2540	0.09%	0.014%
6	3.838	318	320	324	rVB5	1374	1783	0.06%	0.010%
7	3.936	333	336	337	rBV3	1363	1620	0.06%	0.009%
8	4.021	340	350	364	rBV	240628	796001	28.58%	4.441%
9	4.204	375	380	387	rVV7	5138	12377	0.44%	0.069%
10	4.442	417	419	421	rVB3	1900	1741	0.06%	0.010%
11	4.472	421	424	427	rBV4	1354	1904	0.07%	0.011%
12	4.521	430	432	436	rVB5	1589	1953	0.07%	0.011%
13	4.917	486	497	513	rBV2	74780	294259	10.57%	1.642%
14	5.234	546	549	553	rBV6	1648	2823	0.10%	0.016%
15	5.295	557	559	562	rBV4	1753	2082	0.07%	0.012%
16	5.417	575	579	581	rVB5	2046	3189	0.11%	0.018%
17	5.447	581	584	587	rBV5	1949	2839	0.10%	0.016%
18	5.521	594	596	600	rBV5	1224	1878	0.07%	0.010%
19	5.685	620	623	626	rBV5	2887	3470	0.12%	0.019%
20	5.941	656	665	674	rBV5	19587	60735	2.18%	0.339%
21	6.429	742	745	747	rBV3	1070	1611	0.06%	0.009%
22	6.539	760	763	765	rBV4	2395	3660	0.13%	0.020%
23	6.575	765	769	770	rVV4	2005	1649	0.06%	0.009%
24	6.673	782	785	786	rBV3	2193	2014	0.07%	0.011%
25	6.740	793	796	797	rBV3	1870	2083	0.07%	0.012%
26	6.856	812	815	817	rBV4	2331	2096	0.08%	0.012%
27	6.886	819	820	825	rBV4	1637	2299	0.08%	0.013%
28	6.965	831	833	835	rBV3	1935	1809	0.06%	0.010%
29	7.075	843	851	874	rVV	91087	309184	11.10%	1.725%
30	7.331	891	893	896	rVB4	2160	1941	0.07%	0.011%
31	7.447	910	912	915	rBV4	1953	2276	0.08%	0.013%
32	7.648	934	945	959	rVB	504446	1209991	43.45%	6.751%
33	7.947	990	994	997	rBV6	2452	4673	0.17%	0.026%
34	8.063	1011	1013	1017	rVV5	2254	2182	0.08%	0.012%
35	8.154	1025	1028	1031	rVB5	2456	3098	0.11%	0.017%
36	8.276	1036	1048	1064	rBV2	936885	2784871	100.00%	15.538%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Title : SFAM01.0

37	8.672	1110	1113	1114	rBV3	1451	1716	0.06%	0.010%
38	8.691	1114	1116	1119	rVV4	2459	3333	0.12%	0.019%
39	8.727	1121	1122	1126	rVB4	2083	1862	0.07%	0.010%
40	8.843	1131	1141	1149	rBV	1004057	1988997	71.42%	11.097%
41	8.916	1151	1153	1159	rVB7	3263	4241	0.15%	0.024%
42	9.075	1176	1179	1185	rVB8	4678	8627	0.31%	0.048%
43	9.172	1192	1195	1196	rBV3	1708	1626	0.06%	0.009%
44	9.276	1202	1212	1221	rBV	679963	1411926	50.70%	7.878%
45	9.599	1263	1265	1269	rVB5	2061	2548	0.09%	0.014%
46	9.672	1272	1277	1281	rVV5	4385	7722	0.28%	0.043%
47	9.965	1323	1325	1328	rBV4	1156	1777	0.06%	0.010%
48	10.032	1328	1336	1347	rVV	285491	529941	19.03%	2.957%
49	10.123	1349	1351	1357	rVB7	4115	5942	0.21%	0.033%
50	10.197	1360	1363	1365	rVB4	1298	1678	0.06%	0.009%
51	10.325	1376	1384	1392	rBV	1082489	1955512	70.22%	10.910%
52	10.575	1419	1425	1434	rBV	168068	294175	10.56%	1.641%
53	10.703	1442	1446	1451	rVB2	11813	20759	0.75%	0.116%
54	10.764	1453	1456	1460	rBV6	2046	3002	0.11%	0.017%
55	10.861	1467	1472	1476	rBV4	11703	18223	0.65%	0.102%
56	10.922	1476	1482	1493	rBV	314180	564600	20.27%	3.150%
57	11.135	1516	1517	1520	rVB3	2172	1814	0.07%	0.010%
58	11.184	1520	1525	1526	rBV5	2315	4081	0.15%	0.023%
59	11.233	1531	1533	1540	rVB8	2655	3479	0.12%	0.019%
60	11.331	1547	1549	1551	rBV3	2080	2093	0.08%	0.012%
61	11.404	1555	1561	1564	rBV8	1935	3530	0.13%	0.020%
62	11.629	1589	1598	1608	rBV	1053256	1760544	63.22%	9.823%
63	11.837	1627	1632	1642	rVB	5738	13972	0.50%	0.078%
64	11.934	1644	1648	1652	rVB6	1408	2055	0.07%	0.011%
65	12.154	1681	1684	1692	rVB7	7257	14729	0.53%	0.082%
66	12.269	1699	1703	1708	rVB8	2675	5881	0.21%	0.033%
67	12.312	1708	1710	1712	rBV3	2622	2216	0.08%	0.012%
68	12.367	1714	1719	1724	rVB9	6746	13907	0.50%	0.078%
69	12.471	1728	1736	1744	rBV	208881	369588	13.27%	2.062%
70	12.605	1752	1758	1765	rBV	33968	61817	2.22%	0.345%
71	12.690	1765	1772	1793	rVB	416395	750417	26.95%	4.187%
72	12.830	1793	1795	1798	rBV3	1524	2249	0.08%	0.013%
73	13.019	1822	1826	1832	rVB8	6303	10353	0.37%	0.058%
74	13.111	1838	1841	1846	rBV7	2310	3958	0.14%	0.022%
75	13.178	1850	1852	1853	rBV2	2294	1951	0.07%	0.011%
76	13.239	1860	1862	1869	rVB7	3879	6004	0.22%	0.033%

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 Title : SFAM01.0

77	13.348	1877	1880	1881	rBV3	2789	2641	0.09%	0.015%
78	13.403	1887	1889	1894	rVB6	2822	3172	0.11%	0.018%
79	13.464	1894	1899	1907	rBV3	38304	70815	2.54%	0.395%
80	13.556	1907	1914	1920	rBV	529229	833241	29.92%	4.649%
81	13.720	1937	1941	1943	rBV5	2111	2861	0.10%	0.016%
82	13.757	1943	1947	1954	rBV8	5248	10023	0.36%	0.056%
83	13.848	1955	1962	1972	rBV	422661	701253	25.18%	3.913%
84	14.001	1983	1987	1991	rBV6	3670	5193	0.19%	0.029%
85	14.062	1992	1997	2002	rVV2	39400	60458	2.17%	0.337%
86	14.324	2035	2040	2045	rVV8	5442	10678	0.38%	0.060%
87	14.415	2053	2055	2058	rBV4	2646	2911	0.10%	0.016%
88	14.629	2086	2090	2091	rBV4	2071	2548	0.09%	0.014%
89	14.714	2102	2104	2112	rVB9	5075	8366	0.30%	0.047%
90	14.781	2112	2115	2117	rBV3	4203	6640	0.24%	0.037%
91	14.860	2124	2128	2131	rBV5	3743	5803	0.21%	0.032%
92	15.116	2168	2170	2172	rBV3	1613	1647	0.06%	0.009%
93	15.287	2196	2198	2203	rBV6	1788	2068	0.07%	0.012%
94	15.360	2203	2210	2216	rBV	66450	121637	4.37%	0.679%
95	15.427	2217	2221	2226	rVV	26433	46972	1.69%	0.262%
96	15.482	2226	2230	2235	rVB2	16257	28759	1.03%	0.160%
97	15.659	2255	2259	2260	rBV4	2001	2765	0.10%	0.015%
98	15.787	2277	2280	2284	rBV6	3634	6284	0.23%	0.035%
99	16.433	2382	2386	2392	rBV6	7889	16074	0.58%	0.090%
100	16.641	2414	2420	2426	rVB10	7321	18995	0.68%	0.106%

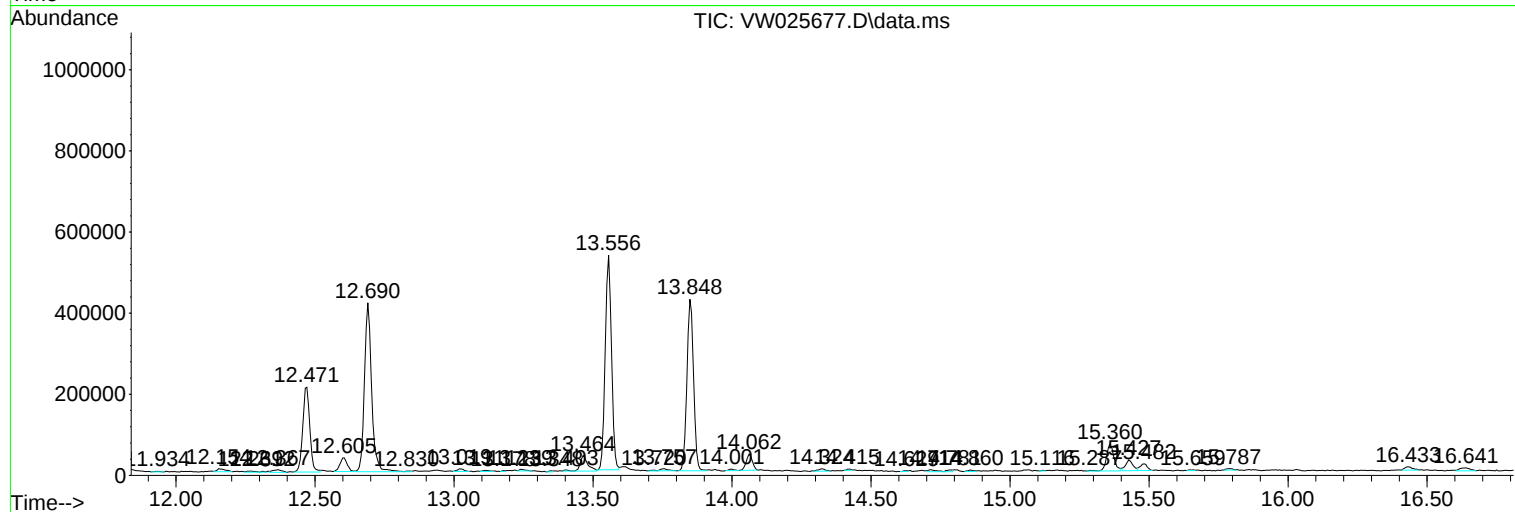
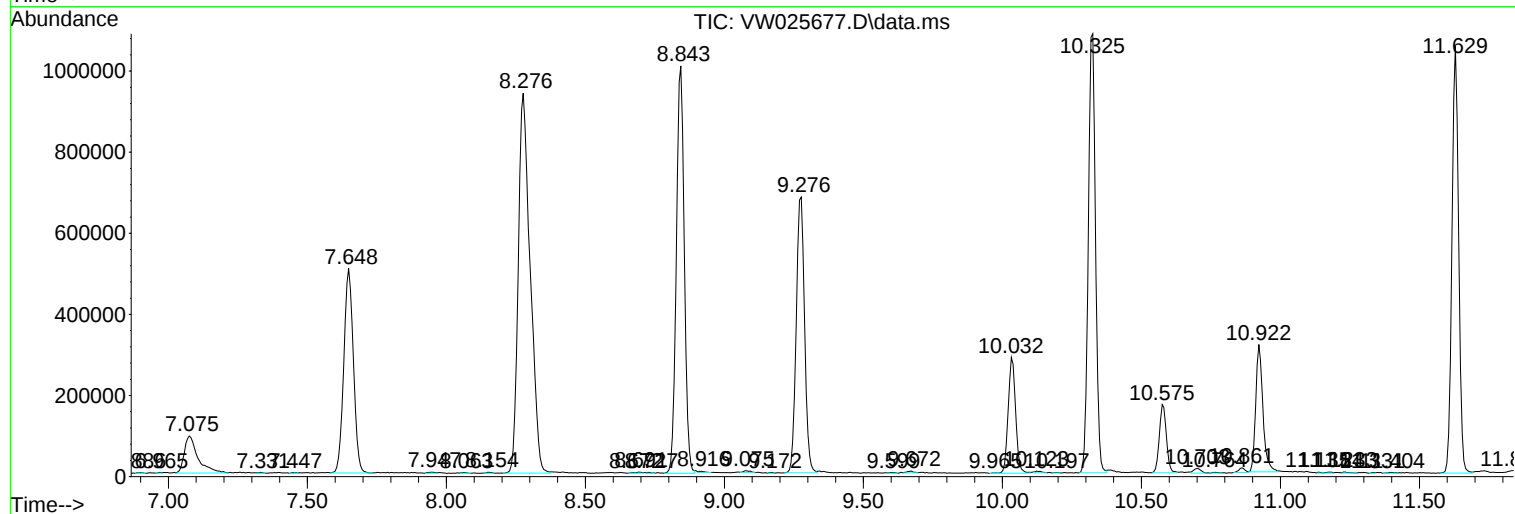
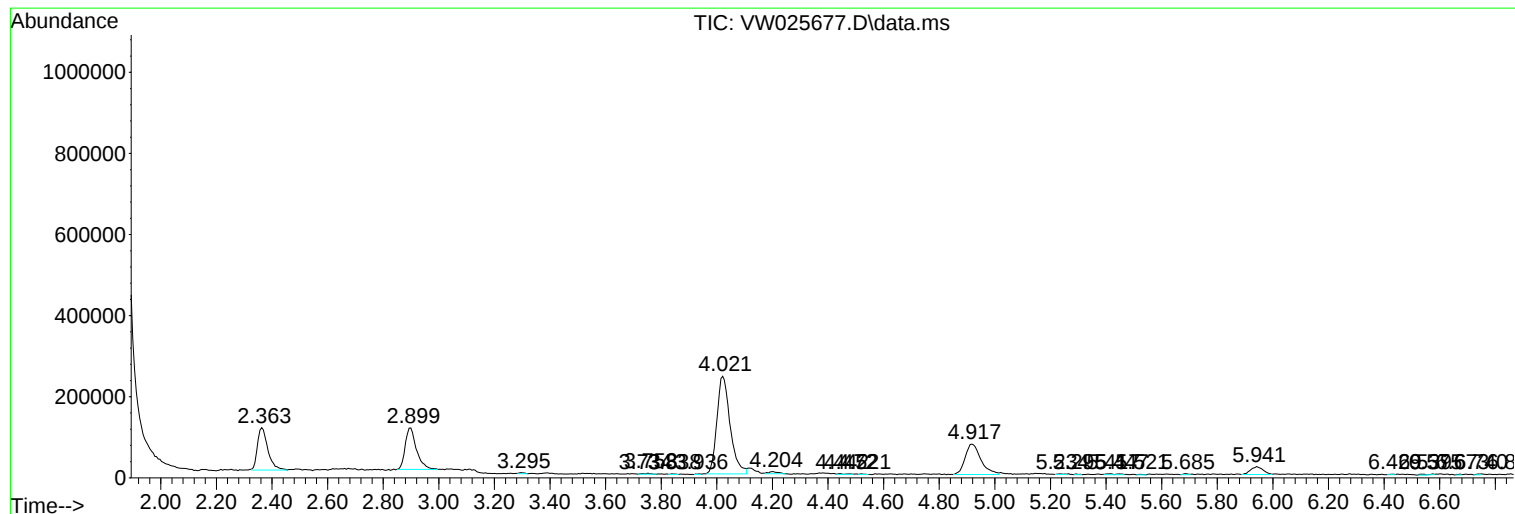
Sum of corrected areas: 17923397

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



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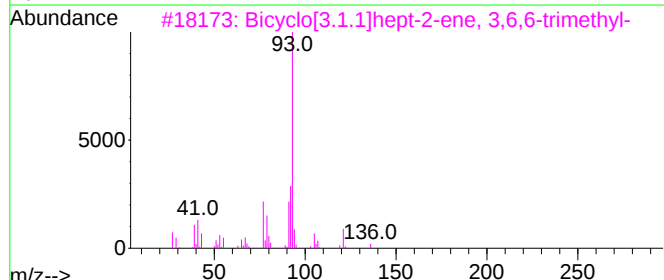
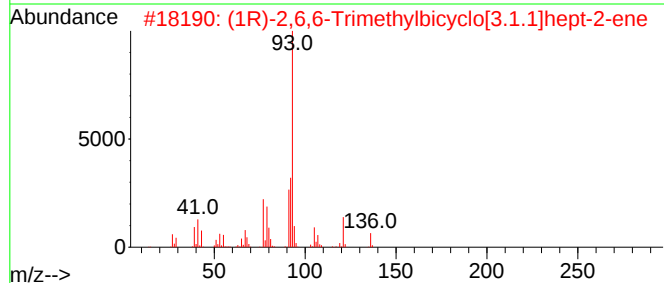
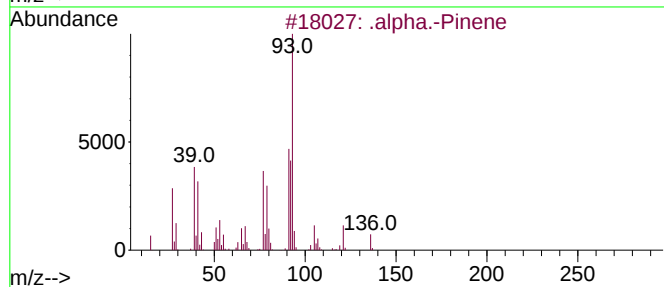
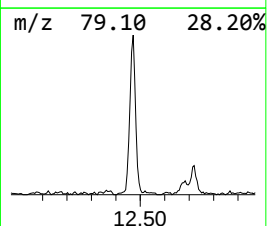
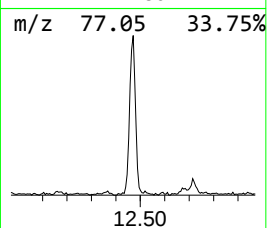
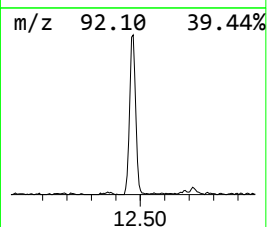
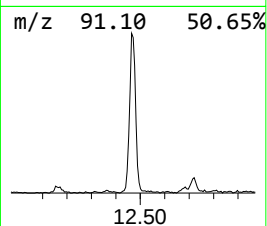
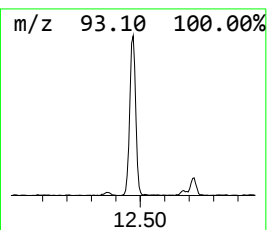
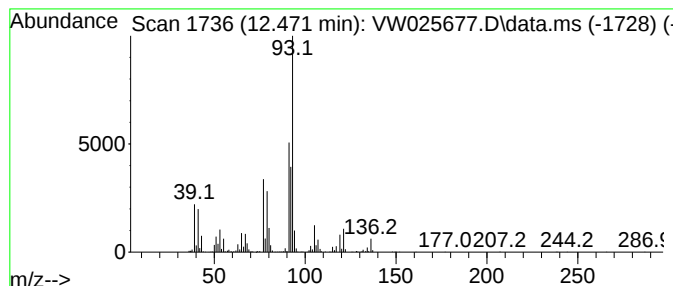
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	5.25 ug/L	369588	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	94
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	93
5	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	90



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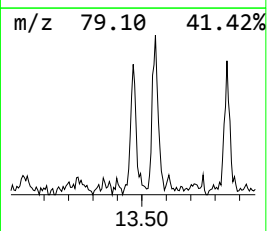
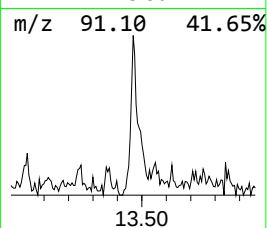
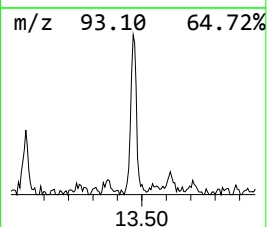
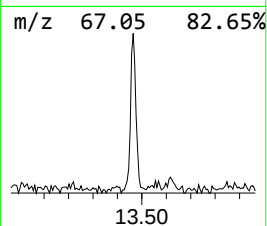
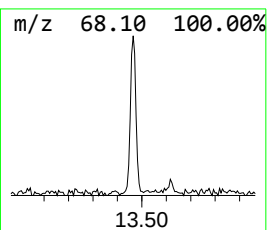
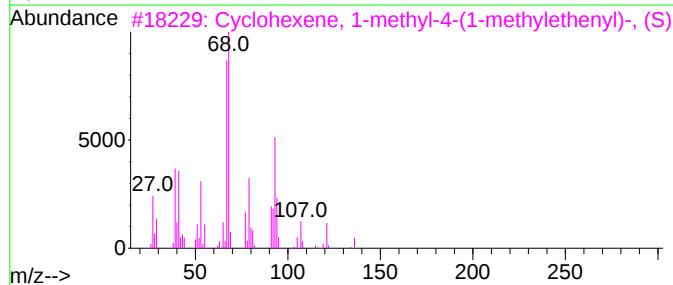
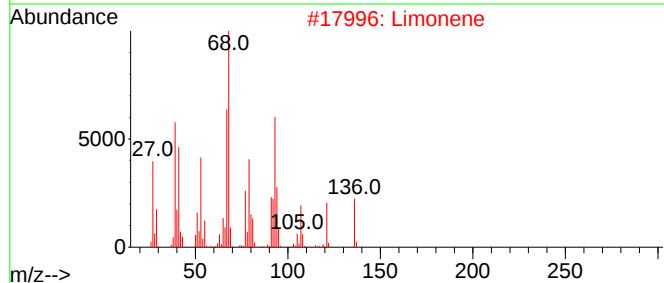
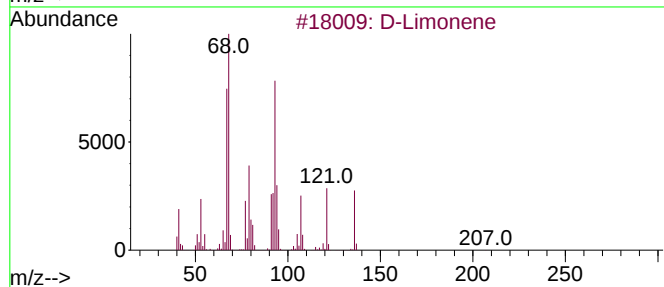
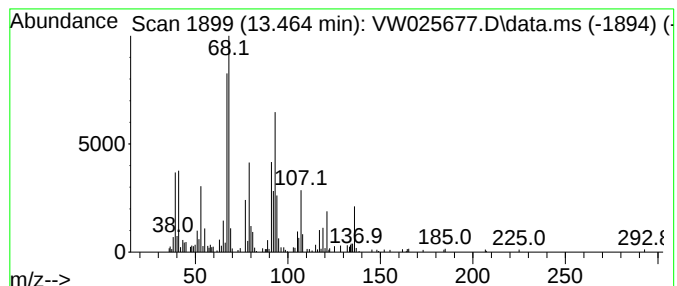
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.12 ug/L	70815	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	94
2			Limonene	136	C10H16	000138-86-3	81
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	72
4			Limonene	136	C10H16	000138-86-3	64
5			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	64



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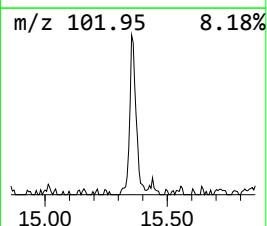
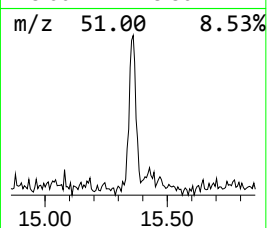
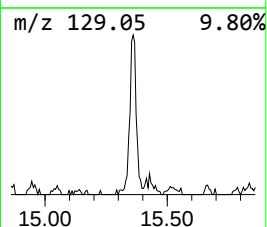
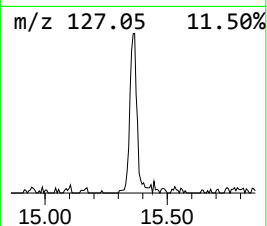
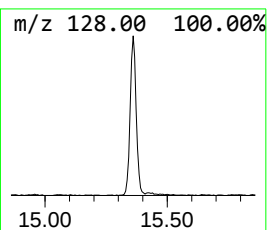
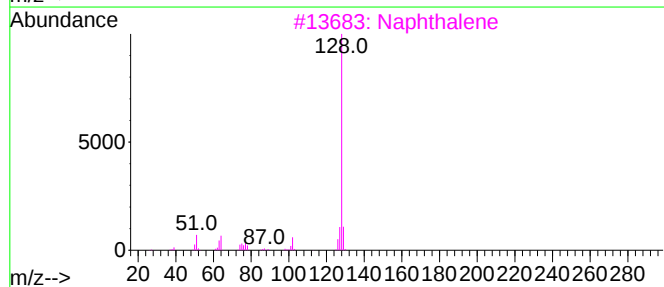
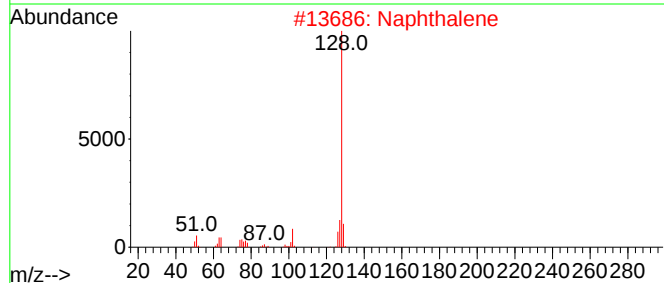
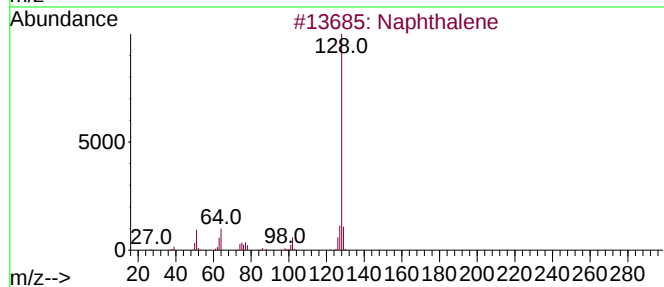
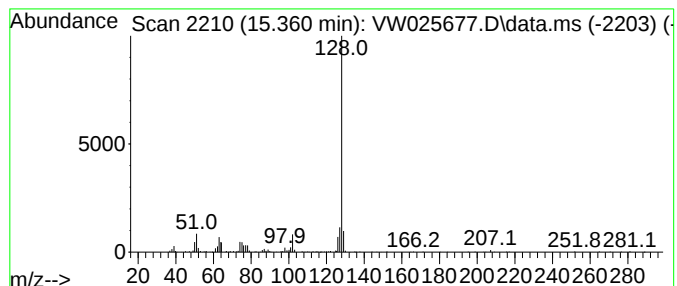
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Quant Title : SFAM01.0

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

Peak Number 6 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	3.65 ug/L	121637	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	93
3			Naphthalene	128	C10H8	000091-20-3	93
4			Azulene	128	C10H8	000275-51-4	93
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025677.D
Acq On : 25 Apr 2023 12:39
Operator : SY/MD
Sample : 02479-13
Misc : 5.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW976

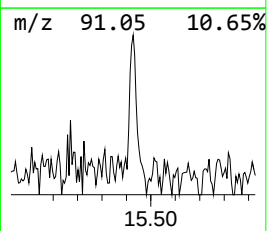
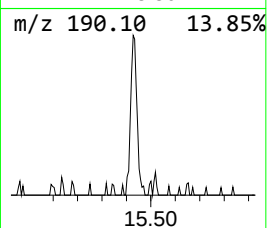
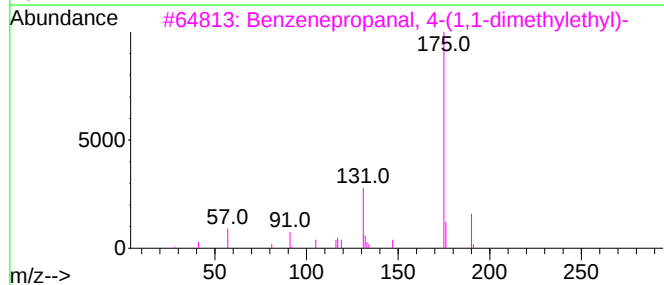
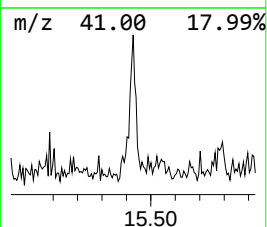
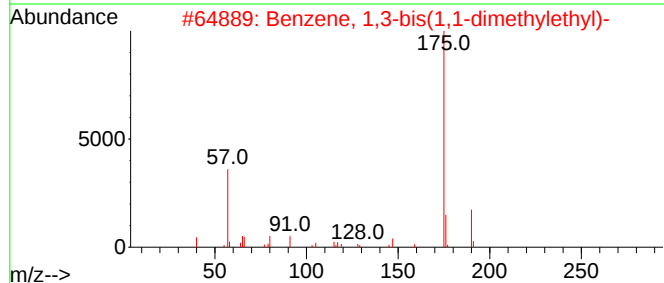
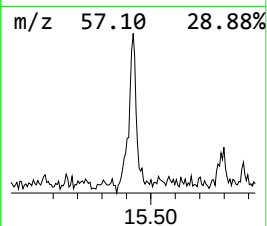
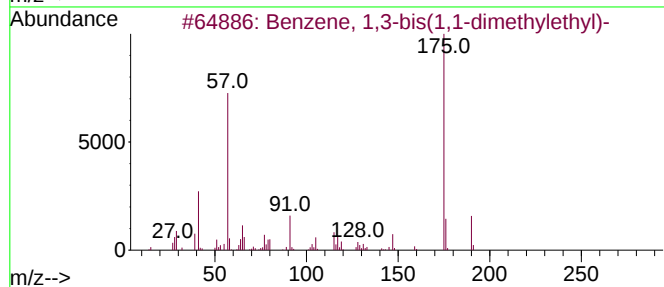
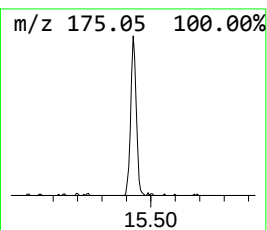
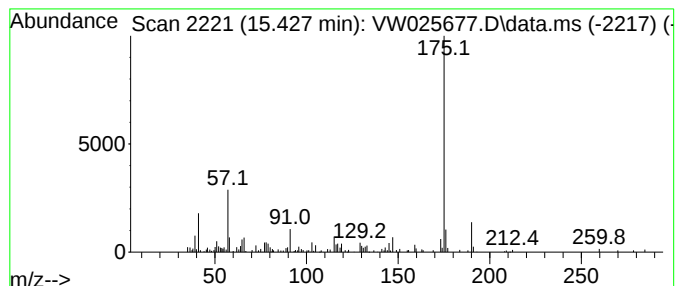
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	1.41 ug/L	46972	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
3			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	81
4			2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	80
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025677.D
Acq On : 25 Apr 2023 12:39
Operator : SY/MD
Sample : 02479-13
Misc : 5.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW976

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.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
.alpha.-Pinene	12.471	5.3	ug/L	369588	2	11.629	1760540	25.0
D-Limonene	13.464	2.1	ug/L	70815	3	13.556	833241	25.0
Azulene	15.360	3.6	ug/L	121637	3	13.556	833241	25.0
Benzene, 1,3-bi...	15.427	1.4	ug/L	46972	3	13.556	833241	25.0