

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029386.D
 Acq On : 27 Jun 2024 17:09
 Operator : SY/MD
 Sample : P3065-07
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CD3

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\SFAMWLM061824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	41	42	45	rBV	817	993	0.06%	0.009%
2	2.363	71	78	95	rBV	79529	212063	13.15%	1.964%
3	2.899	158	166	181	rBV	63360	189613	11.76%	1.756%
4	3.387	241	246	248	rBV4	1831	2413	0.15%	0.022%
5	3.485	258	262	263	rBV4	749	811	0.05%	0.008%
6	3.533	265	270	277	rVV2	2666	7218	0.45%	0.067%
7	4.021	338	350	378	rBV2	158082	532616	33.04%	4.932%
8	4.612	440	447	448	rBV3	1782	3128	0.19%	0.029%
9	4.923	486	498	515	rVV3	21466	87058	5.40%	0.806%
10	5.051	517	519	523	rVB5	925	1081	0.07%	0.010%
11	5.131	530	532	537	rBV3	579	693	0.04%	0.006%
12	5.179	537	540	545	rVB5	671	937	0.06%	0.009%
13	5.314	561	562	567	rBV4	341	575	0.04%	0.005%
14	5.423	579	580	586	rBV4	509	819	0.05%	0.008%
15	5.545	599	600	607	rVB5	467	832	0.05%	0.008%
16	5.941	655	665	677	rBV4	8451	27616	1.71%	0.256%
17	6.734	793	795	798	rVB3	576	612	0.04%	0.006%
18	6.783	798	803	806	rBV4	740	1404	0.09%	0.013%
19	6.819	806	809	812	rVB3	619	768	0.05%	0.007%
20	7.075	842	851	870	rBV	38148	126306	7.83%	1.169%
21	7.441	909	911	913	rVV2	839	878	0.05%	0.008%
22	7.648	933	945	958	rBV	284793	694185	43.06%	6.428%
23	7.795	968	969	975	rVB4	700	821	0.05%	0.008%
24	7.874	980	982	985	rVB3	597	623	0.04%	0.006%
25	7.929	985	991	994	rBV4	515	1140	0.07%	0.011%
26	8.069	1011	1014	1017	rVB3	684	631	0.04%	0.006%
27	8.276	1035	1048	1068	rBV2	554732	1612099	100.00%	14.927%
28	8.612	1100	1103	1105	rBV5	703	593	0.04%	0.005%
29	8.691	1111	1116	1118	rBV4	1100	1855	0.12%	0.017%
30	8.758	1125	1127	1129	rBV	459	542	0.03%	0.005%
31	8.843	1130	1141	1150	rBV	563302	1104614	68.52%	10.228%
32	9.038	1169	1173	1176	rBV5	567	1058	0.07%	0.010%
33	9.081	1178	1180	1188	rVB8	1974	3260	0.20%	0.030%
34	9.197	1196	1199	1200	rVB3	611	572	0.04%	0.005%
35	9.215	1200	1202	1203	rBV	571	552	0.03%	0.005%
36	9.270	1203	1211	1222	rBV	381932	779701	48.37%	7.219%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Title : SFAM01.0

37	9.660	1270	1275	1278	rBV5	1187	2219	0.14%	0.021%
38	9.758	1288	1291	1293	rBV4	712	709	0.04%	0.007%
39	9.831	1300	1303	1305	rBV4	596	626	0.04%	0.006%
40	9.886	1308	1312	1320	rBV5	778	2130	0.13%	0.020%
41	10.032	1329	1336	1349	rBV	136755	251566	15.60%	2.329%
42	10.239	1367	1370	1375	rVB3	773	1234	0.08%	0.011%
43	10.319	1375	1383	1393	rBV	718107	1252428	77.69%	11.596%
44	10.575	1419	1425	1434	rBV	86596	154054	9.56%	1.426%
45	10.697	1439	1445	1452	rVB2	7946	14963	0.93%	0.139%
46	10.825	1463	1466	1468	rBV3	583	635	0.04%	0.006%
47	10.861	1468	1472	1475	rBV5	1026	1795	0.11%	0.017%
48	10.922	1475	1482	1494	rBV	105383	187090	11.61%	1.732%
49	11.026	1494	1499	1505	rVV3	6295	12083	0.75%	0.112%
50	11.172	1521	1523	1525	rBV3	862	789	0.05%	0.007%
51	11.337	1548	1550	1553	rVB3	926	871	0.05%	0.008%
52	11.373	1553	1556	1558	rBV4	482	680	0.04%	0.006%
53	11.489	1571	1575	1578	rBV4	631	1069	0.07%	0.010%
54	11.629	1589	1598	1608	rBV	649594	1068672	66.29%	9.895%
55	12.117	1676	1678	1681	rVV3	500	652	0.04%	0.006%
56	12.172	1683	1687	1692	rVV5	968	1836	0.11%	0.017%
57	12.361	1713	1718	1725	rBV7	2734	5568	0.35%	0.052%
58	12.471	1727	1736	1745	rBV	182656	306825	19.03%	2.841%
59	12.599	1752	1757	1764	rVB2	20720	35065	2.18%	0.325%
60	12.690	1764	1772	1783	rBV	213549	426081	26.43%	3.945%
61	12.873	1801	1802	1805	rVB3	671	571	0.04%	0.005%
62	12.916	1807	1809	1810	rBV2	663	582	0.04%	0.005%
63	12.958	1812	1816	1820	rVV7	2291	4198	0.26%	0.039%
64	13.026	1820	1827	1835	rVV	220537	366996	22.77%	3.398%
65	13.160	1847	1849	1851	rBV3	935	978	0.06%	0.009%
66	13.184	1851	1853	1857	rVV5	2307	4123	0.26%	0.038%
67	13.239	1859	1862	1869	rVB2	6412	9081	0.56%	0.084%
68	13.294	1869	1871	1875	rVB3	1810	2304	0.14%	0.021%
69	13.361	1876	1882	1885	rBV2	12226	19968	1.24%	0.185%
70	13.404	1885	1889	1893	rVB4	3813	6240	0.39%	0.058%
71	13.464	1893	1899	1907	rBV2	30418	53150	3.30%	0.492%
72	13.556	1907	1914	1926	rVV	382973	632303	39.22%	5.855%
73	13.647	1926	1929	1934	rVV3	5782	8254	0.51%	0.076%
74	13.708	1935	1939	1943	rVB5	2019	2886	0.18%	0.027%
75	13.757	1944	1947	1954	rVB6	3255	5485	0.34%	0.051%
76	13.849	1954	1962	1974	rBV	301469	492962	30.58%	4.564%

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 Title : SFAM01.0

77	13.995	1981	1986	1991	rVB3	5023	7940	0.49%	0.074%
78	14.062	1991	1997	2001	rBV2	7380	12519	0.78%	0.116%
79	14.239	2022	2026	2028	rVB5	508	632	0.04%	0.006%
80	14.324	2035	2040	2045	rVB5	2244	3644	0.23%	0.034%
81	14.519	2067	2072	2076	rVV5	3675	5311	0.33%	0.049%
82	14.586	2081	2083	2085	rVB3	773	630	0.04%	0.006%
83	14.623	2085	2089	2092	rBV5	706	1144	0.07%	0.011%
84	14.684	2095	2099	2103	rBV4	1825	2763	0.17%	0.026%
85	14.824	2120	2122	2125	rVB3	546	644	0.04%	0.006%
86	14.879	2129	2131	2136	rVB4	407	656	0.04%	0.006%
87	14.928	2136	2139	2141	rBV	435	581	0.04%	0.005%
88	15.062	2155	2161	2167	rBV7	2270	4781	0.30%	0.044%
89	15.117	2169	2170	2174	rVV3	1043	1275	0.08%	0.012%
90	15.208	2178	2185	2187	rVV8	1848	3900	0.24%	0.036%
91	15.245	2187	2191	2196	rVB6	2779	5076	0.31%	0.047%
92	15.476	2223	2229	2231	rBV3	1388	2087	0.13%	0.019%
93	15.568	2240	2244	2247	rBV5	635	888	0.06%	0.008%
94	15.659	2258	2259	2262	rBV2	591	570	0.04%	0.005%
95	15.958	2303	2308	2310	rBV5	491	967	0.06%	0.009%
96	16.043	2320	2322	2324	rBV3	748	670	0.04%	0.006%
97	16.086	2324	2329	2330	rBV5	454	588	0.04%	0.005%
98	16.177	2343	2344	2349	rBV3	502	687	0.04%	0.006%
99	16.476	2390	2393	2398	rVB5	682	858	0.05%	0.008%
100	16.519	2398	2400	2405	rBV3	866	904	0.06%	0.008%

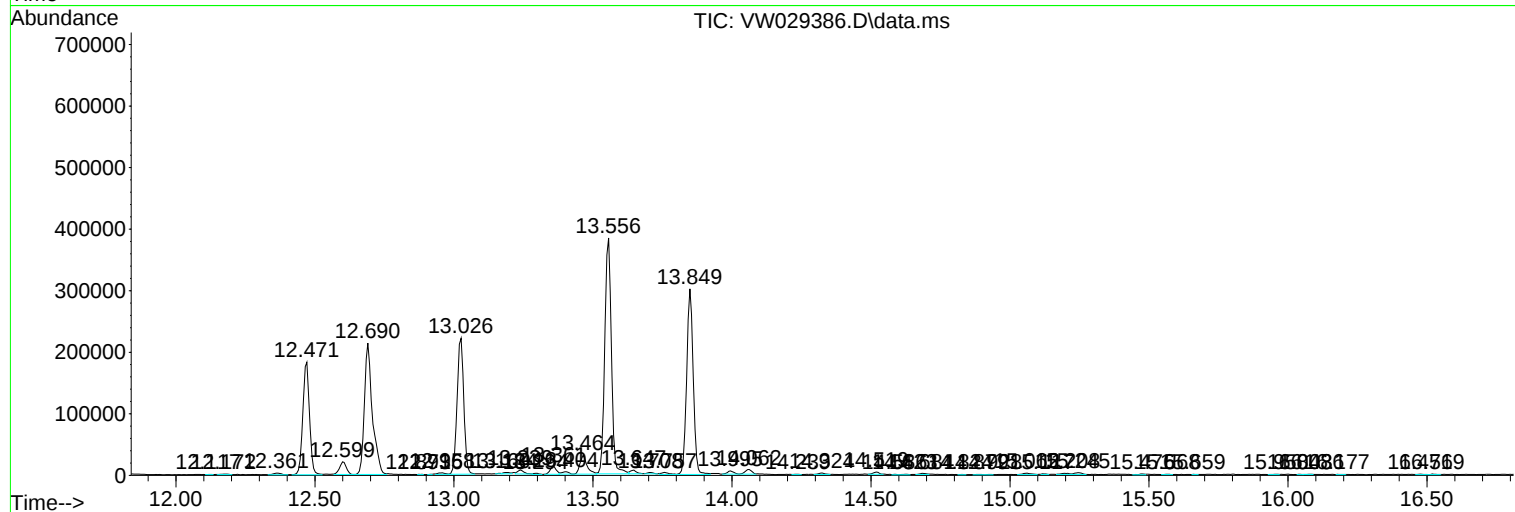
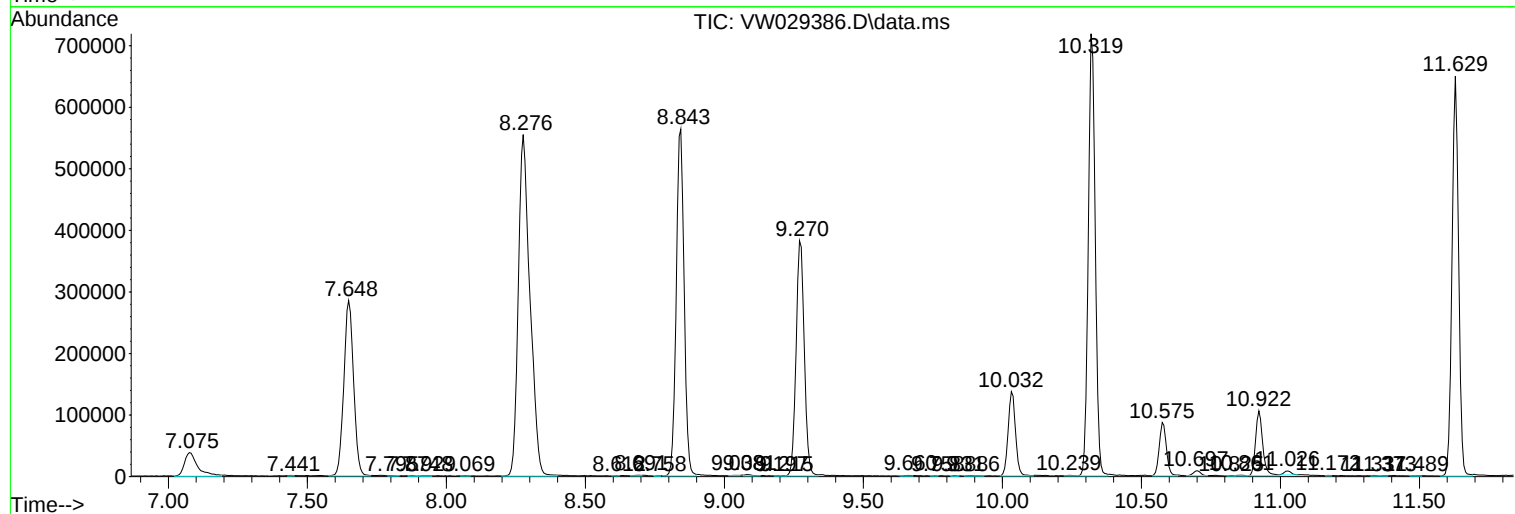
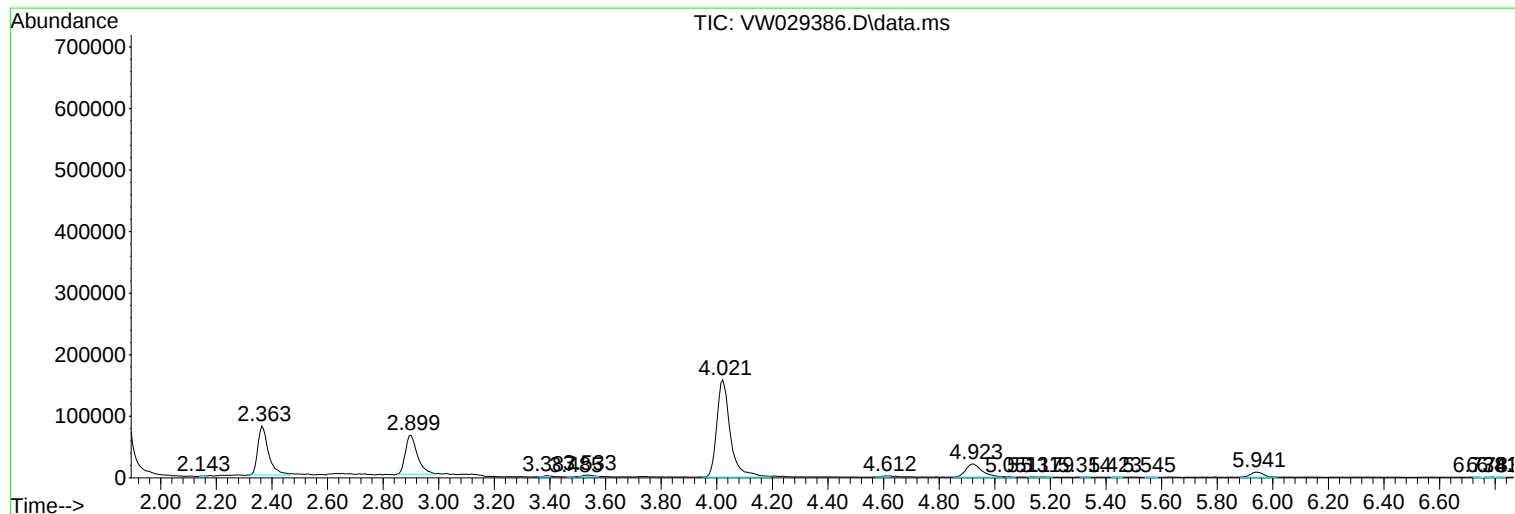
Sum of corrected areas: 10800116

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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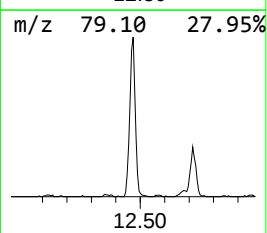
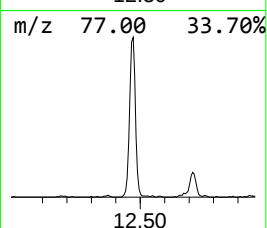
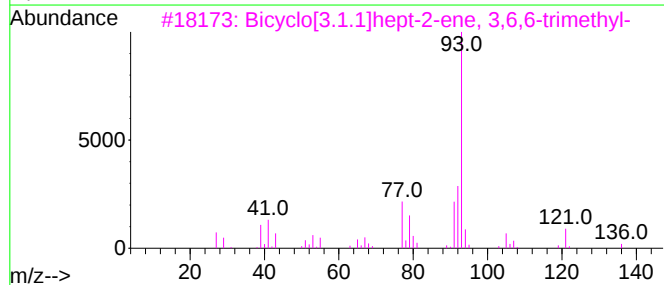
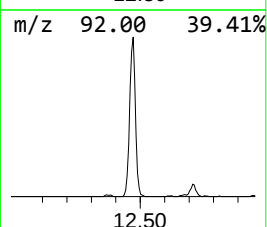
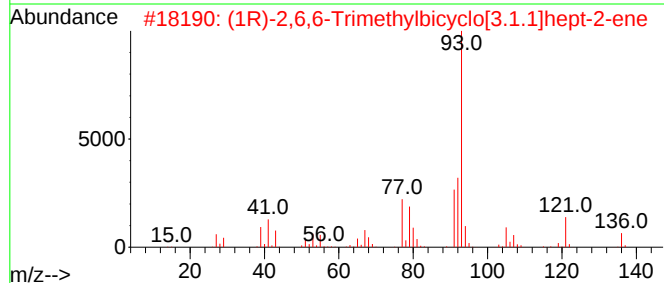
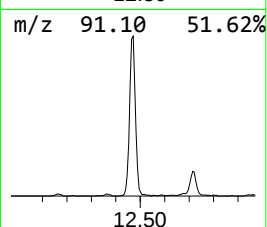
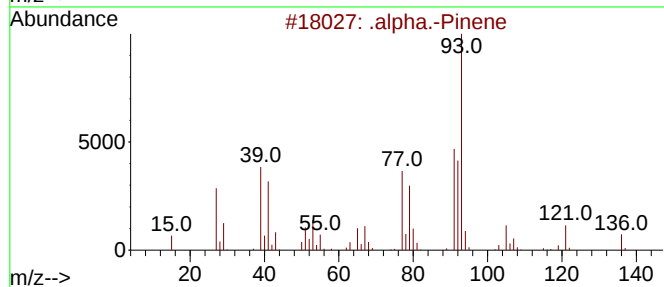
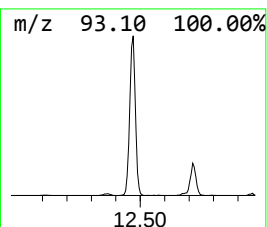
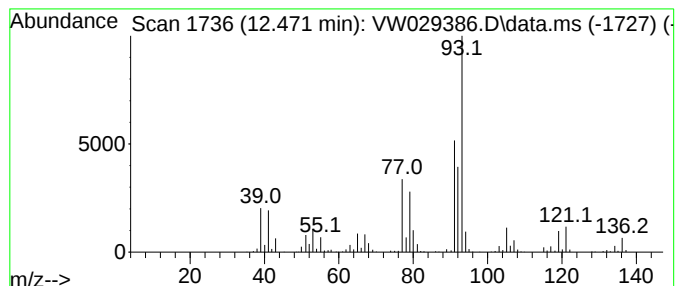
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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	7.18 ug/L	306825	Chlorobenzene-d5	11.630

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



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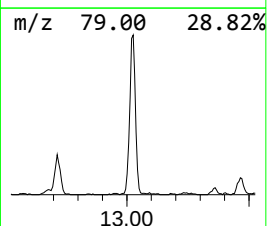
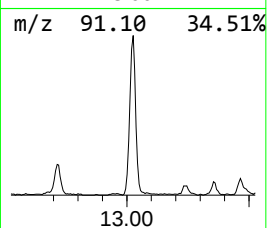
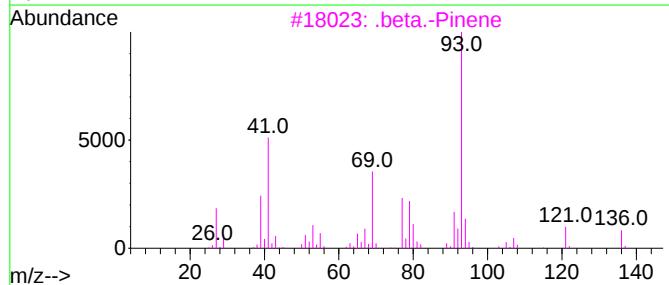
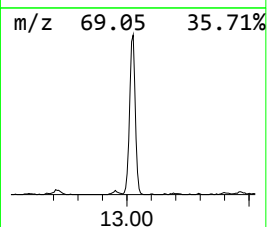
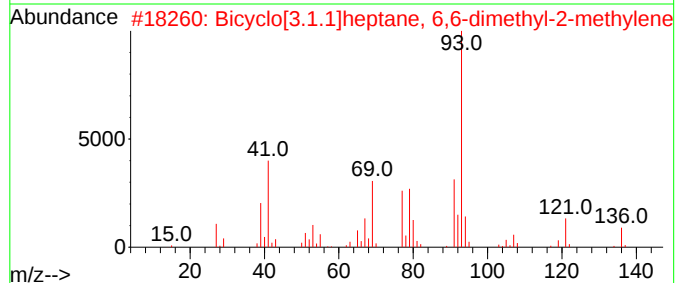
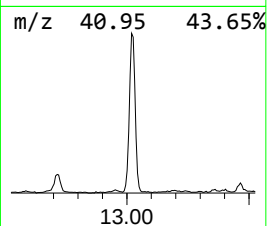
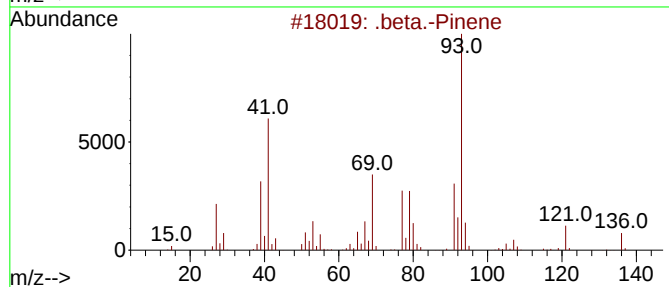
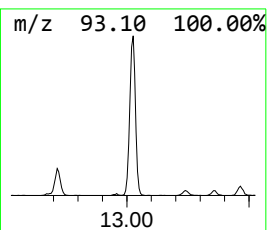
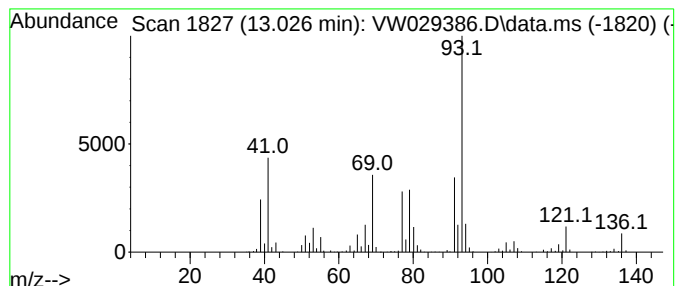
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.026	14.51 ug/L	366996	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Pinene	136	C10H16	000127-91-3	96	
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96		
3	.	beta.-Pinene	136	C10H16	000127-91-3	94	
4	.	alpha.-Pinene	136	C10H16	000080-56-8	94	
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90		



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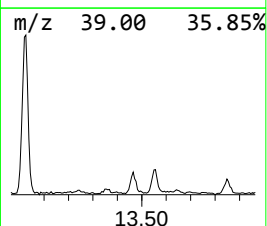
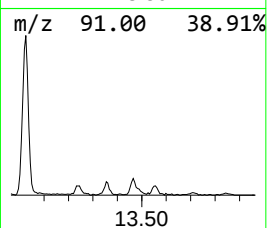
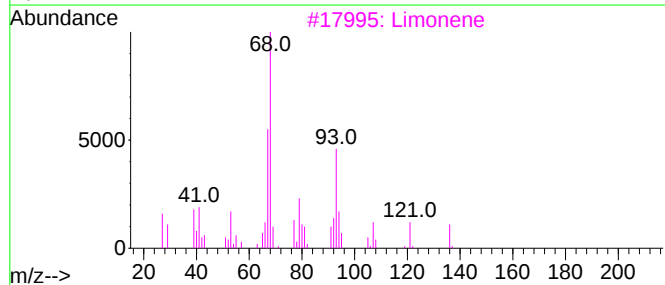
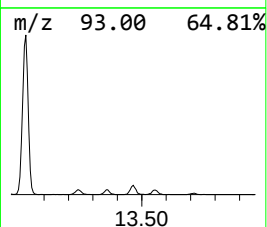
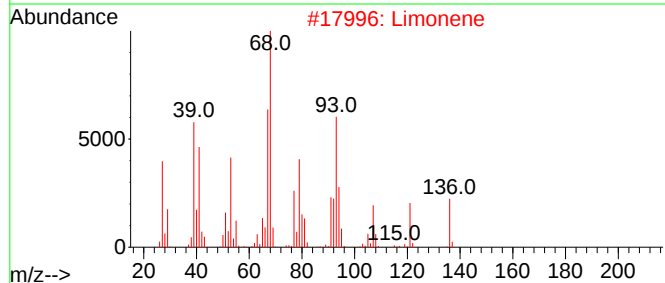
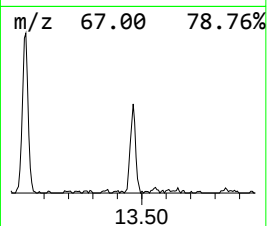
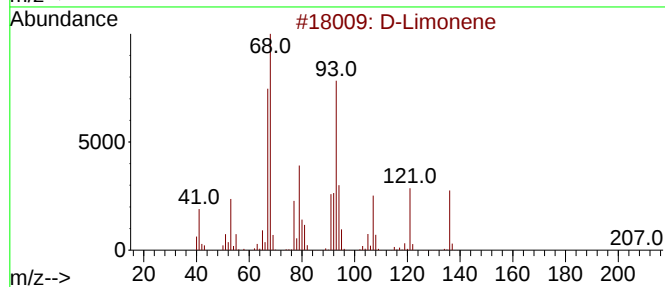
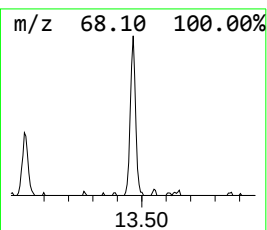
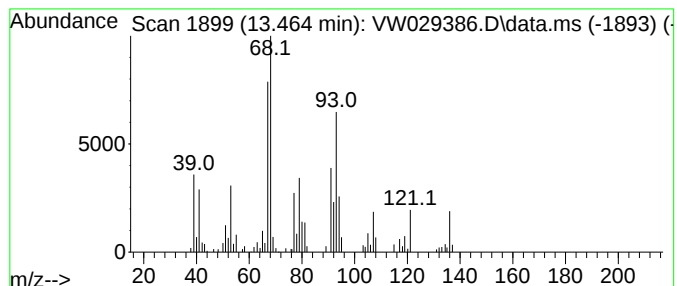
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.10 ug/L	53150	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	97
2			Limonene	136	C10H16	000138-86-3	93
3			Limonene	136	C10H16	000138-86-3	93
4			D-Limonene	136	C10H16	005989-27-5	81
5			Limonene	136	C10H16	000138-86-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
Data File : VW029386.D
Acq On : 27 Jun 2024 17:09
Operator : SY/MD
Sample : P3065-07
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.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	7.2	ug/L	306825	2	11.630	1068670	25.0
.beta.-Pinene	13.026	14.5	ug/L	366996	3	13.556	632303	25.0
D-Limonene	13.464	2.1	ug/L	53150	3	13.556	632303	25.0