

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
 Data File : VW028915.D
 Acq On : 30 May 2024 16:37
 Operator : SY/MD
 Sample : P2647-18
 Misc : 3.60g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHBT2

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\SFAMWLM050224SMA.M
 Title : SFAM01.0

Signal : TIC: VW028915.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	91	rVB	90952	209596	13.18%	1.993%
2	2.899	159	166	183	rVB	76252	219467	13.80%	2.086%
3	3.100	197	199	202	rBV3	1497	1430	0.09%	0.014%
4	3.283	226	229	232	rBV3	616	761	0.05%	0.007%
5	3.405	244	249	256	rVB8	1275	3083	0.19%	0.029%
6	3.484	260	262	264	rBV2	788	738	0.05%	0.007%
7	3.527	264	269	271	rBV3	1089	2142	0.13%	0.020%
8	3.588	277	279	284	rVB6	931	1265	0.08%	0.012%
9	3.887	327	328	332	rBV2	970	970	0.06%	0.009%
10	4.027	339	351	360	rBV	153279	469273	29.52%	4.461%
11	4.118	360	366	379	rVB	52341	145481	9.15%	1.383%
12	4.387	402	410	422	rVV2	7229	22945	1.44%	0.218%
13	4.618	446	448	451	rVV3	1103	1216	0.08%	0.012%
14	4.923	487	498	513	rBV	27433	98521	6.20%	0.937%
15	5.204	542	544	550	rVB4	839	1482	0.09%	0.014%
16	5.265	550	554	557	rBV4	775	874	0.05%	0.008%
17	5.454	583	585	590	rVB3	587	893	0.06%	0.008%
18	5.941	654	665	679	rBV3	9669	33296	2.09%	0.317%
19	6.325	719	728	730	rVV8	713	1614	0.10%	0.015%
20	6.527	759	761	764	rBV3	592	753	0.05%	0.007%
21	6.594	768	772	775	rBV5	640	1100	0.07%	0.010%
22	6.758	795	799	802	rVB3	731	1002	0.06%	0.010%
23	6.850	811	814	816	rBV3	756	737	0.05%	0.007%
24	7.002	834	839	842	rBV6	490	832	0.05%	0.008%
25	7.075	844	851	856	rBV	26889	73900	4.65%	0.703%
26	7.429	905	909	910	rBV4	1190	1706	0.11%	0.016%
27	7.447	910	912	917	rVV5	1746	2877	0.18%	0.027%
28	7.484	917	918	921	rVV3	991	858	0.05%	0.008%
29	7.514	921	923	927	rVB4	753	859	0.05%	0.008%
30	7.648	934	945	957	rBV	294808	729060	45.86%	6.931%
31	7.813	969	972	975	rVB5	561	740	0.05%	0.007%
32	8.276	1038	1048	1065	rBV2	564314	1589826	100.00%	15.114%
33	8.423	1070	1072	1074	rVV3	1615	1467	0.09%	0.014%
34	8.477	1078	1081	1084	rVB4	1103	1452	0.09%	0.014%
35	8.520	1084	1088	1089	rBV4	780	893	0.06%	0.008%
36	8.605	1100	1102	1104	rBV3	758	903	0.06%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Title : SFAM01.0

37	8.843	1131	1141	1156	rVV	435953	857653	53.95%	8.153%
38	9.075	1177	1179	1180	rBV2	1382	1143	0.07%	0.011%
39	9.276	1203	1212	1221	rBV	399568	828761	52.13%	7.879%
40	9.502	1245	1249	1250	rBV3	693	762	0.05%	0.007%
41	9.660	1271	1275	1277	rBV4	1651	2462	0.15%	0.023%
42	9.782	1293	1295	1297	rBV	738	802	0.05%	0.008%
43	10.032	1328	1336	1347	rBV	119395	225012	14.15%	2.139%
44	10.130	1348	1352	1357	rVB7	1086	2030	0.13%	0.019%
45	10.325	1376	1384	1392	rVV	624179	1103681	69.42%	10.492%
46	10.508	1412	1414	1417	rVB4	954	1216	0.08%	0.012%
47	10.575	1417	1425	1436	rBV	64080	116602	7.33%	1.108%
48	10.697	1441	1445	1453	rVB2	7669	14060	0.88%	0.134%
49	10.861	1466	1472	1476	rBV7	2216	4433	0.28%	0.042%
50	10.922	1476	1482	1496	rBV3	92897	201592	12.68%	1.916%
51	11.062	1501	1505	1508	rBV4	2851	4862	0.31%	0.046%
52	11.178	1523	1524	1527	rVB3	1373	918	0.06%	0.009%
53	11.209	1527	1529	1533	rBV5	863	891	0.06%	0.008%
54	11.434	1561	1566	1572	rVB5	2056	4103	0.26%	0.039%
55	11.629	1590	1598	1608	rBV	464894	778963	49.00%	7.405%
56	11.837	1628	1632	1638	rVB7	1771	3097	0.19%	0.029%
57	12.105	1674	1676	1680	rVB5	1108	1346	0.08%	0.013%
58	12.178	1680	1688	1690	rBV7	2280	4222	0.27%	0.040%
59	12.282	1702	1705	1706	rBV3	843	814	0.05%	0.008%
60	12.324	1706	1712	1716	rBV5	2872	5236	0.33%	0.050%
61	12.471	1727	1736	1750	rBV	557717	915333	57.57%	8.702%
62	12.605	1752	1758	1764	rVV2	21009	37857	2.38%	0.360%
63	12.690	1764	1772	1789	rVV2	236006	496538	31.23%	4.720%
64	12.952	1809	1815	1820	rVV2	10222	18587	1.17%	0.177%
65	13.019	1821	1826	1833	rVB	18919	33492	2.11%	0.318%
66	13.117	1838	1842	1846	rVB7	1012	1608	0.10%	0.015%
67	13.184	1851	1853	1856	rBV3	1095	1295	0.08%	0.012%
68	13.233	1858	1861	1866	rBV6	1834	2734	0.17%	0.026%
69	13.294	1866	1871	1878	rVB4	3593	7474	0.47%	0.071%
70	13.355	1878	1881	1885	rBV6	2114	3528	0.22%	0.034%
71	13.403	1885	1889	1893	rVB5	4264	5617	0.35%	0.053%
72	13.464	1893	1899	1902	rBV	39305	70622	4.44%	0.671%
73	13.556	1908	1914	1931	rVB	284079	465696	29.29%	4.427%
74	13.708	1935	1939	1944	rBV6	3567	5761	0.36%	0.055%
75	13.763	1944	1948	1950	rVB5	1301	1616	0.10%	0.015%
76	13.848	1954	1962	1970	rBV	292458	478234	30.08%	4.546%

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 Title : SFAM01.0

77	13.995	1980	1986	1991	rBV3	5026	9438	0.59%	0.090%
78	14.062	1991	1997	2003	rVB	9818	16700	1.05%	0.159%
79	14.324	2037	2040	2043	rVB5	1151	1615	0.10%	0.015%
80	14.397	2048	2052	2054	rBV5	863	1224	0.08%	0.012%
81	14.684	2093	2099	2101	rBV7	1191	1948	0.12%	0.019%
82	14.726	2101	2106	2114	rVB6	4963	9796	0.62%	0.093%
83	14.903	2132	2135	2137	rVB4	836	852	0.05%	0.008%
84	14.952	2141	2143	2147	rBV4	629	946	0.06%	0.009%
85	15.013	2152	2153	2156	rVV3	948	770	0.05%	0.007%
86	15.055	2156	2160	2165	rVV6	2209	4066	0.26%	0.039%
87	15.116	2168	2170	2175	rVV6	1513	2517	0.16%	0.024%
88	15.153	2175	2176	2180	rVB3	1263	1277	0.08%	0.012%
89	15.220	2180	2187	2192	rBV3	10005	18179	1.14%	0.173%
90	15.293	2192	2199	2206	rVV	48225	83070	5.23%	0.790%
91	15.421	2213	2220	2225	rVV5	10744	22037	1.39%	0.209%
92	15.482	2227	2230	2233	rVB5	1868	2661	0.17%	0.025%
93	15.610	2247	2251	2254	rBV5	603	829	0.05%	0.008%
94	15.757	2271	2275	2278	rVB5	852	1330	0.08%	0.013%
95	15.964	2307	2309	2313	rBV4	618	911	0.06%	0.009%
96	16.007	2313	2316	2318	rVV3	957	870	0.05%	0.008%
97	16.196	2345	2347	2350	rVB4	737	736	0.05%	0.007%
98	16.238	2350	2354	2357	rBV5	556	829	0.05%	0.008%
99	16.488	2394	2395	2400	rVB5	988	1071	0.07%	0.010%
100	16.634	2415	2419	2420	rBV4	666	818	0.05%	0.008%

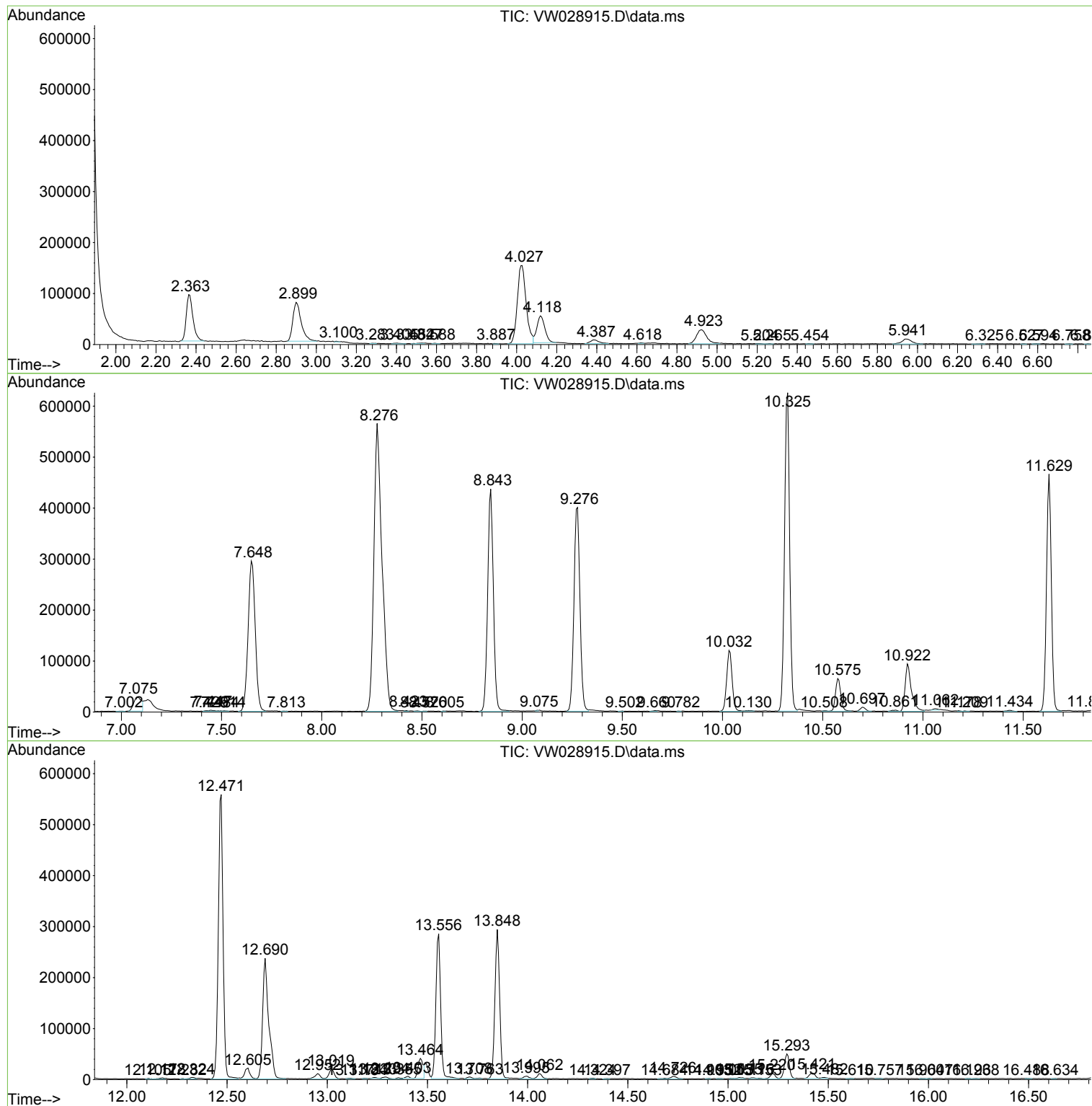
Sum of corrected areas: 10519155

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Instrument :
MSVOA_W
ClientSampleId :
BHBT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
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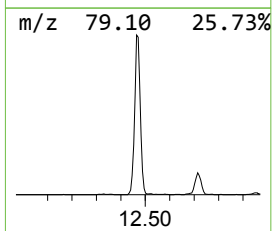
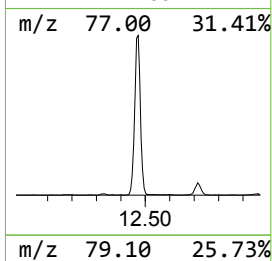
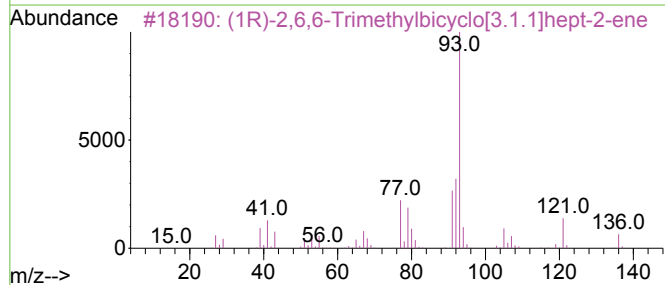
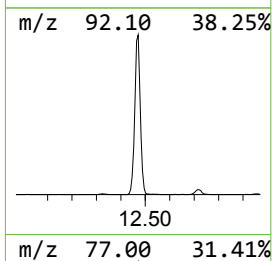
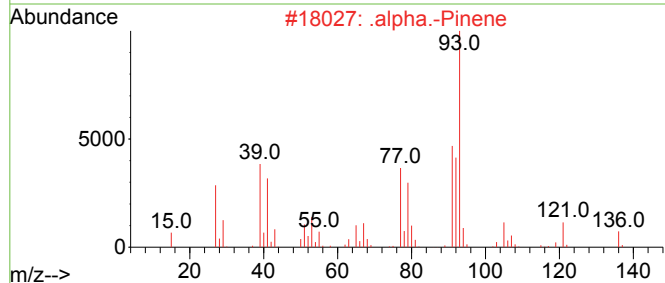
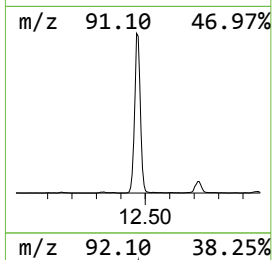
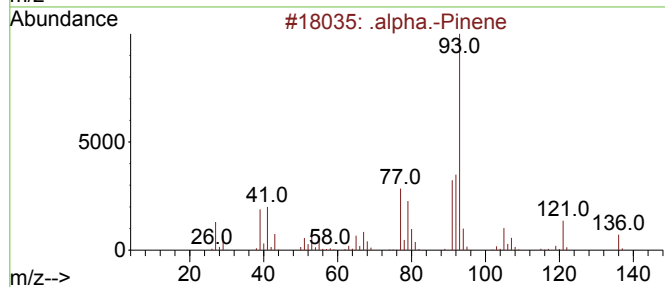
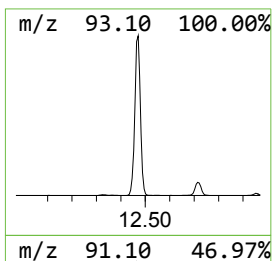
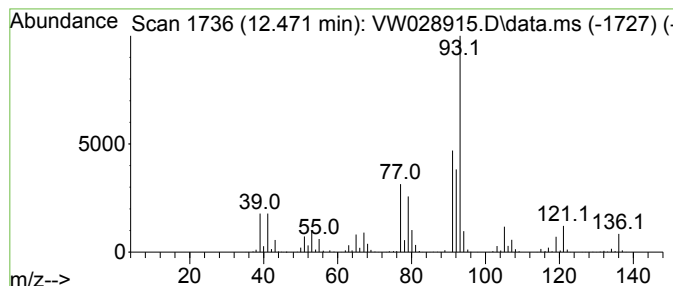
Instrument :
MSVOA_W
ClientSampleId :
BHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.471	29.38 ug/L	915333	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91



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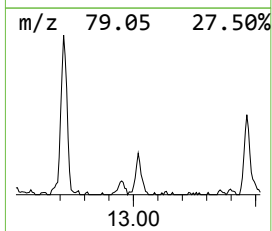
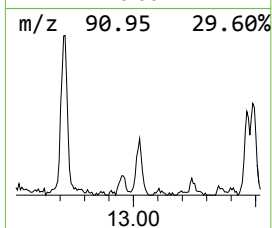
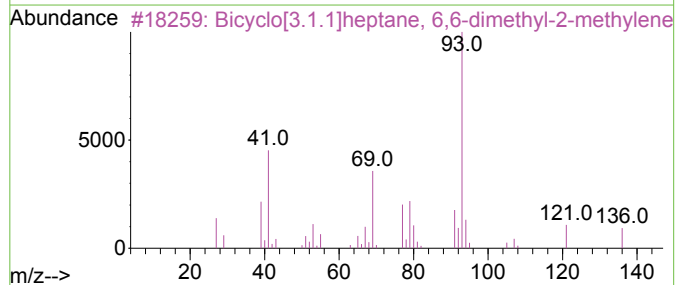
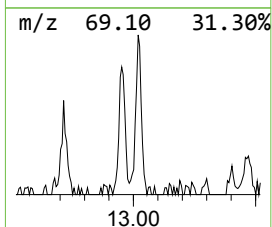
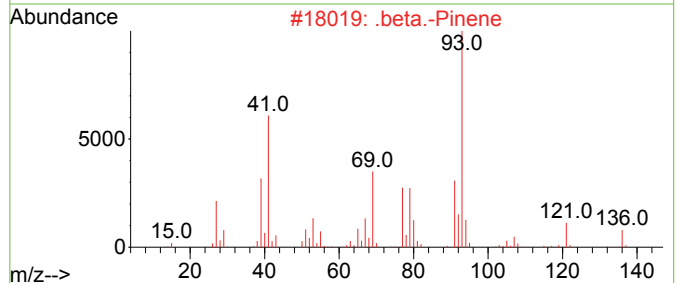
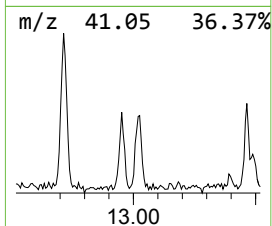
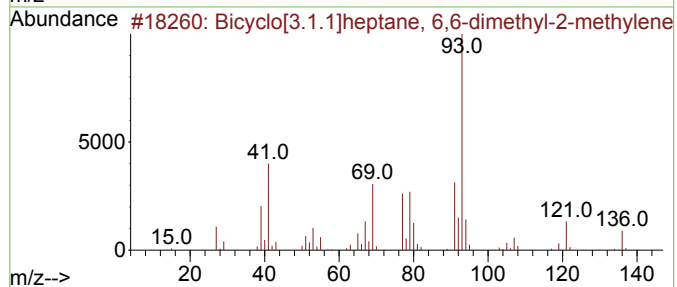
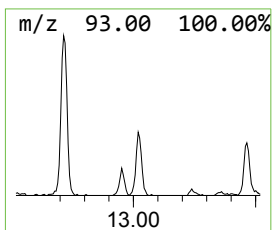
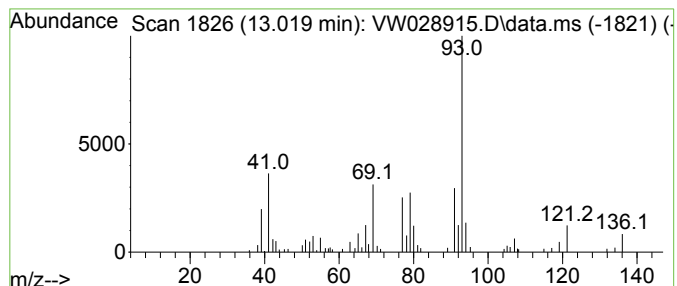
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	1.80 ug/L	33492	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	95
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
4			.beta.-Pinene	136	C10H16	000127-91-3	91
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



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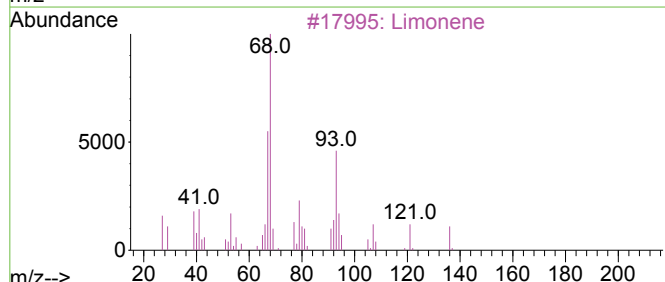
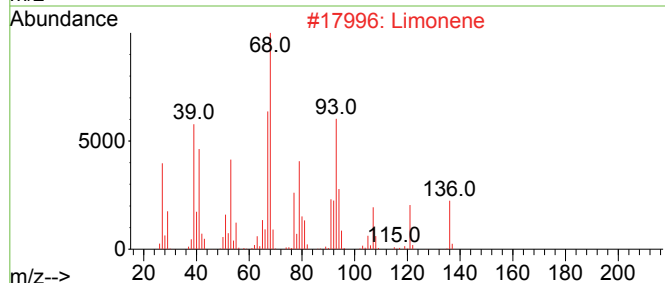
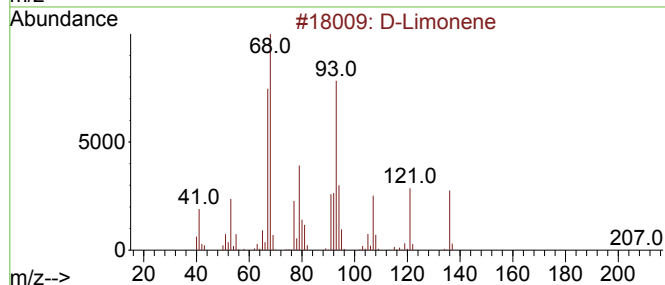
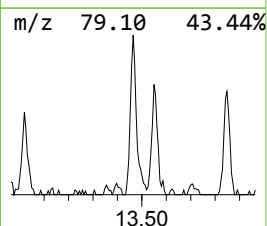
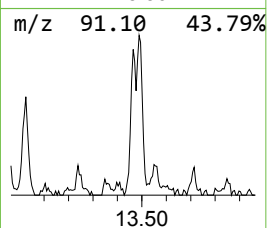
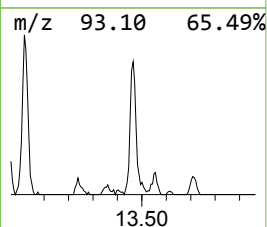
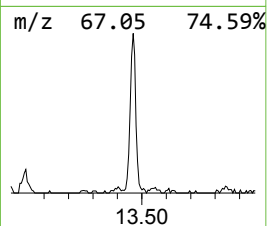
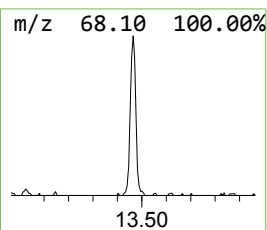
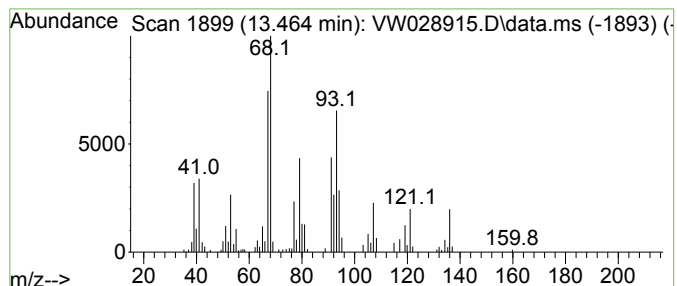
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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	3.79 ug/L	70622	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	94
3			Limonene	136	C10H16	000138-86-3	90
4			D-Limonene	136	C10H16	005989-27-5	89
5			Limonene	136	C10H16	000138-86-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
Data File : VW028915.D
Acq On : 30 May 2024 16:37
Operator : SY/MD
Sample : P2647-18
Misc : 3.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHT2

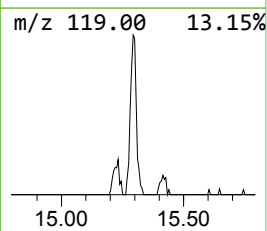
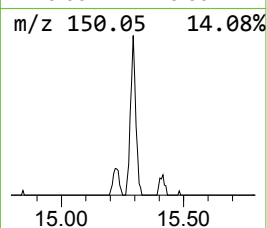
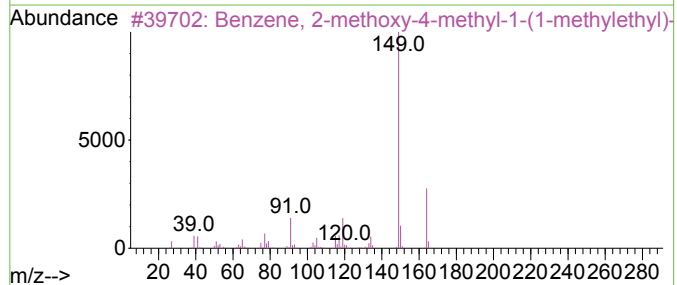
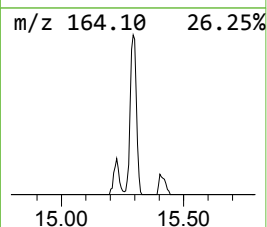
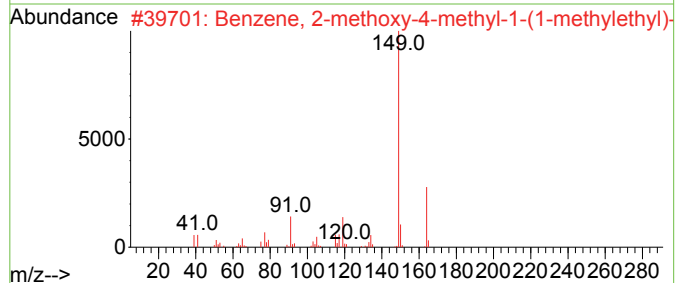
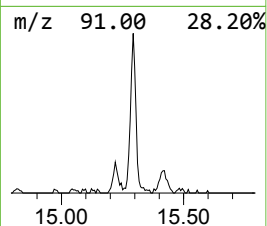
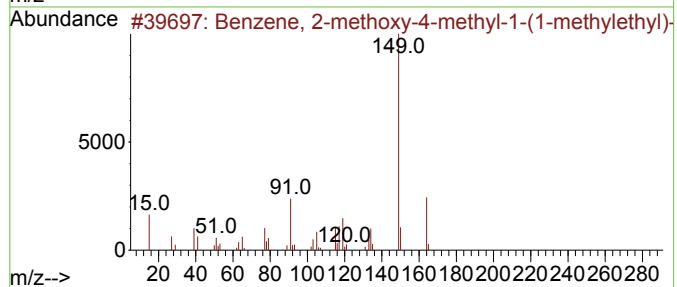
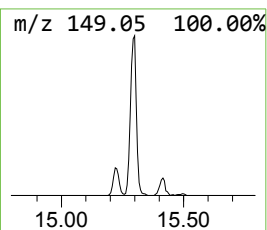
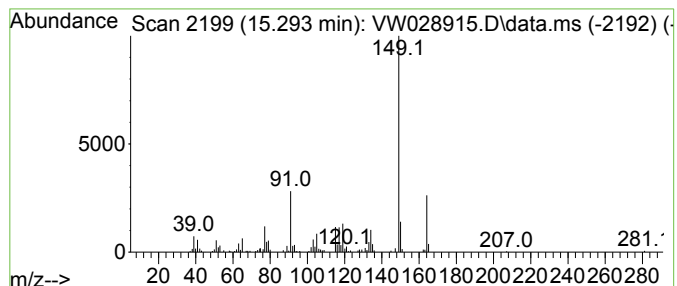
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 2-methoxy-4-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	4.46 ug/L	83070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	96
2			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	94
3			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	94
4			Benzene, 2-methoxy-1-methyl-4-(1...	164	C11H16O	006379-73-3	94
5			Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
Data File : VW028915.D
Acq On : 30 May 2024 16:37
Operator : SY/MD
Sample : P2647-18
Misc : 3.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHBT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.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	29.4	ug/L	915333	2	11.629	778963	25.0
Bicyclo[3.1.1]h...	13.019	1.8	ug/L	33492	3	13.556	465696	25.0
D-Limonene	13.464	3.8	ug/L	70622	3	13.556	465696	25.0
Benzene, 2-meth...	15.293	4.5	ug/L	83070	3	13.556	465696	25.0