

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025655.D
 Acq On : 24 Apr 2023 13:21
 Operator : SY/MD
 Sample : 02417-23
 Misc : 5.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906

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: VW025655.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	rVB	124715	290154	10.66%	1.526%
2	2.899	159	166	177	rBV	102253	276952	10.18%	1.457%
3	3.265	223	226	227	rBV3	2296	2027	0.07%	0.011%
4	3.393	244	247	250	rVV5	3069	3532	0.13%	0.019%
5	3.442	252	255	258	rBV5	1660	2115	0.08%	0.011%
6	3.539	268	271	273	rBV4	1821	2511	0.09%	0.013%
7	3.844	319	321	324	rVB4	2867	3182	0.12%	0.017%
8	4.021	338	350	367	rBV	275455	846294	31.09%	4.452%
9	4.198	377	379	381	rBV3	2942	4003	0.15%	0.021%
10	4.576	437	441	442	rBV4	2286	2748	0.10%	0.014%
11	4.612	445	447	449	rVB3	1930	1712	0.06%	0.009%
12	4.795	475	477	480	rBV4	1941	2227	0.08%	0.012%
13	4.917	487	497	513	rBV2	57605	209821	7.71%	1.104%
14	5.575	600	605	608	rBV7	1561	2724	0.10%	0.014%
15	5.691	618	624	626	rBV7	1837	3564	0.13%	0.019%
16	5.722	626	629	634	rVB7	1552	2279	0.08%	0.012%
17	5.941	652	665	674	rBV3	17857	56013	2.06%	0.295%
18	6.039	679	681	685	rVB5	2331	3068	0.11%	0.016%
19	6.276	716	720	722	rBV5	1300	1911	0.07%	0.010%
20	6.728	789	794	796	rBV5	2126	3275	0.12%	0.017%
21	6.776	801	802	806	rBV4	1467	1932	0.07%	0.010%
22	6.837	809	812	813	rBV3	1820	1938	0.07%	0.010%
23	6.874	816	818	822	rBV5	2395	4340	0.16%	0.023%
24	6.990	835	837	840	rVB4	2093	1921	0.07%	0.010%
25	7.087	843	853	872	rBV	71292	255099	9.37%	1.342%
26	7.264	880	882	888	rVB7	3586	6287	0.23%	0.033%
27	7.319	888	891	894	rBV5	2419	3969	0.15%	0.021%
28	7.392	900	903	906	rBV5	1473	2227	0.08%	0.012%
29	7.423	906	908	910	rVV3	1978	1719	0.06%	0.009%
30	7.459	910	914	915	rVV4	2143	2958	0.11%	0.016%
31	7.502	919	921	923	rVV3	2560	2201	0.08%	0.012%
32	7.538	923	927	929	rVB5	2491	2923	0.11%	0.015%
33	7.569	929	932	934	rBV4	2439	3098	0.11%	0.016%
34	7.648	935	945	958	rVV	471478	1179215	43.32%	6.203%
35	7.758	961	963	965	rVV3	1977	2065	0.08%	0.011%
36	7.776	965	966	971	rVB5	2947	2251	0.08%	0.012%

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

37	7.953	993	995	999	rVB5	2596	3328	0.12%	0.018%
38	8.020	1004	1006	1010	rVB5	1805	1983	0.07%	0.010%
39	8.276	1038	1048	1066	rBV2	920057	2721864	100.00%	14.317%
40	8.691	1112	1116	1119	rVB6	2025	2243	0.08%	0.012%
41	8.788	1130	1132	1133	rBV2	2335	2240	0.08%	0.012%
42	8.843	1133	1141	1151	rVV	1022203	1984968	72.93%	10.441%
43	9.075	1174	1179	1188	rVB	3592	9637	0.35%	0.051%
44	9.276	1203	1212	1221	rBV	673430	1364842	50.14%	7.179%
45	9.605	1263	1266	1269	rBV5	1320	1925	0.07%	0.010%
46	9.648	1269	1273	1274	rBV4	3025	3904	0.14%	0.021%
47	9.666	1274	1276	1284	rVB9	2898	5196	0.19%	0.027%
48	9.892	1309	1313	1315	rBV5	2016	2762	0.10%	0.015%
49	10.032	1329	1336	1347	rBV	276645	503252	18.49%	2.647%
50	10.129	1350	1352	1360	rVB9	4210	5164	0.19%	0.027%
51	10.325	1376	1384	1399	rBV	1171832	2065083	75.87%	10.863%
52	10.507	1411	1414	1417	rVB5	2516	2000	0.07%	0.011%
53	10.575	1417	1425	1433	rVV	175379	318099	11.69%	1.673%
54	10.629	1433	1434	1440	rVV6	3255	4538	0.17%	0.024%
55	10.703	1440	1446	1453	rVV2	11097	22301	0.82%	0.117%
56	10.763	1453	1456	1459	rVB5	1921	1819	0.07%	0.010%
57	10.861	1469	1472	1473	rBV3	1343	1784	0.07%	0.009%
58	10.922	1476	1482	1494	rBV	250017	467000	17.16%	2.456%
59	11.087	1503	1509	1515	rVB	3598	9977	0.37%	0.052%
60	11.202	1523	1528	1532	rVB8	4595	9140	0.34%	0.048%
61	11.257	1536	1537	1542	rVB5	1606	1769	0.06%	0.009%
62	11.355	1551	1553	1558	rBV6	1650	2312	0.08%	0.012%
63	11.483	1571	1574	1577	rVB5	1565	2282	0.08%	0.012%
64	11.556	1582	1586	1588	rBV5	1461	2715	0.10%	0.014%
65	11.629	1590	1598	1606	rBV	1223938	2053913	75.46%	10.804%
66	11.733	1609	1615	1625	rVB2	36921	66673	2.45%	0.351%
67	11.800	1625	1626	1630	rBV4	1706	2135	0.08%	0.011%
68	11.940	1648	1649	1652	rVB3	2635	2106	0.08%	0.011%
69	11.971	1652	1654	1658	rBV5	2560	4094	0.15%	0.022%
70	12.007	1658	1660	1663	rVB4	1857	2057	0.08%	0.011%
71	12.056	1663	1668	1670	rBV5	1794	3074	0.11%	0.016%
72	12.086	1670	1673	1677	rVB6	2013	2294	0.08%	0.012%
73	12.160	1680	1685	1686	rBV4	3675	4968	0.18%	0.026%
74	12.367	1709	1719	1726	rBV3	27612	53760	1.98%	0.283%
75	12.464	1729	1735	1743	rVV2	52099	94909	3.49%	0.499%
76	12.605	1751	1758	1763	rVV	26820	52227	1.92%	0.275%

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77	12.647	1763	1765	1766	rVV2	2737	2328	0.09%	0.012%
78	12.690	1766	1772	1782	rVV	458676	779537	28.64%	4.100%
79	12.769	1782	1785	1788	rVB5	2001	3101	0.11%	0.016%
80	12.873	1799	1802	1804	rBV4	1959	2152	0.08%	0.011%
81	12.934	1807	1812	1819	rVV8	8915	20391	0.75%	0.107%
82	13.025	1819	1827	1838	rVV	151998	260338	9.56%	1.369%
83	13.245	1861	1863	1866	rVB4	3772	3328	0.12%	0.018%
84	13.397	1885	1888	1893	rBV6	4030	7025	0.26%	0.037%
85	13.464	1893	1899	1907	rBV2	43167	75372	2.77%	0.396%
86	13.556	1907	1914	1927	rVV	895061	1450904	53.31%	7.632%
87	13.848	1955	1962	1971	rBV	672814	1126302	41.38%	5.925%
88	14.062	1992	1997	2003	rBV2	42416	66375	2.44%	0.349%
89	14.275	2029	2032	2035	rBV5	1634	2399	0.09%	0.013%
90	14.324	2035	2040	2043	rBV7	5748	8527	0.31%	0.045%
91	14.427	2052	2057	2064	rVB7	3457	8546	0.31%	0.045%
92	14.482	2064	2066	2067	rBV2	1841	1872	0.07%	0.010%
93	14.714	2100	2104	2107	rBV5	4540	6923	0.25%	0.036%
94	14.848	2124	2126	2129	rBV4	1655	1722	0.06%	0.009%
95	14.879	2129	2131	2137	rBV7	1500	2156	0.08%	0.011%
96	15.427	2211	2221	2226	rBV2	40100	77330	2.84%	0.407%
97	15.482	2226	2230	2235	rVB	15293	24977	0.92%	0.131%
98	15.781	2276	2279	2285	rVV8	5762	9825	0.36%	0.052%
99	15.848	2287	2290	2292	rBV4	1668	2277	0.08%	0.012%
100	15.939	2302	2305	2312	rBV9	3209	6490	0.24%	0.034%

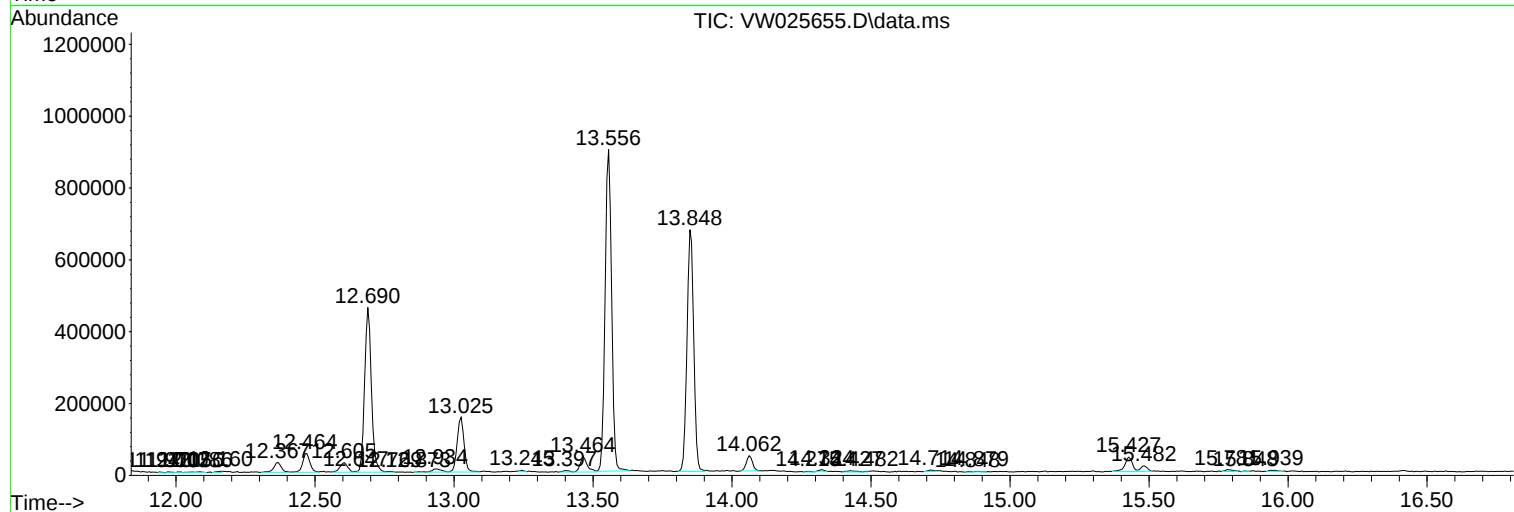
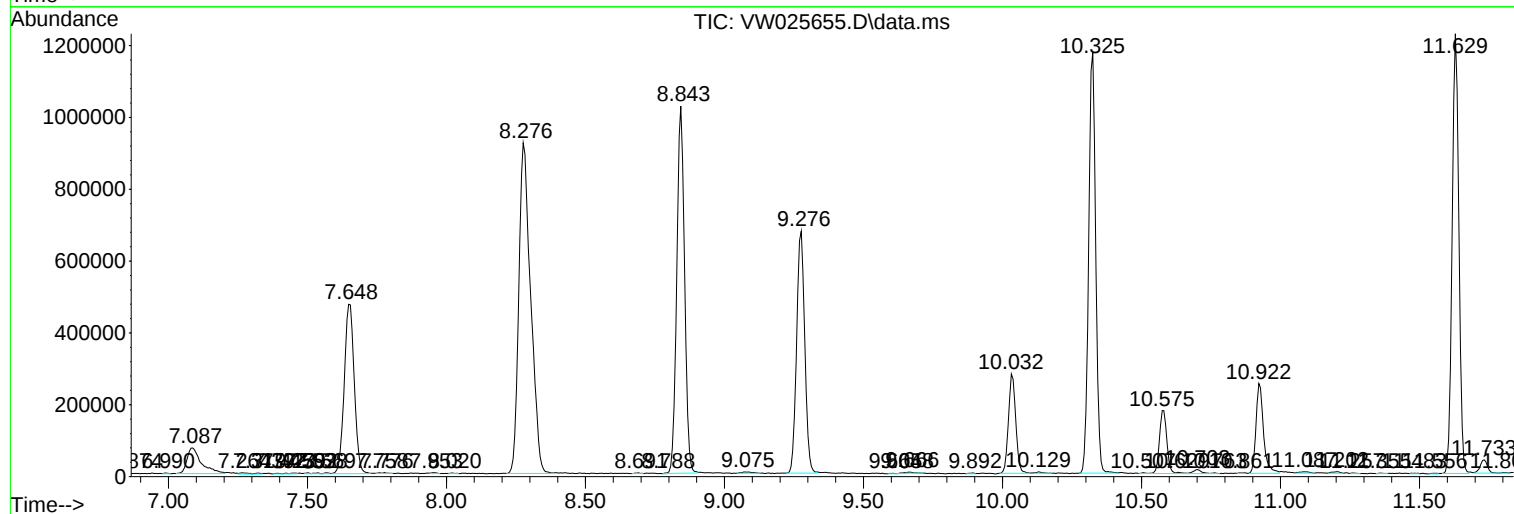
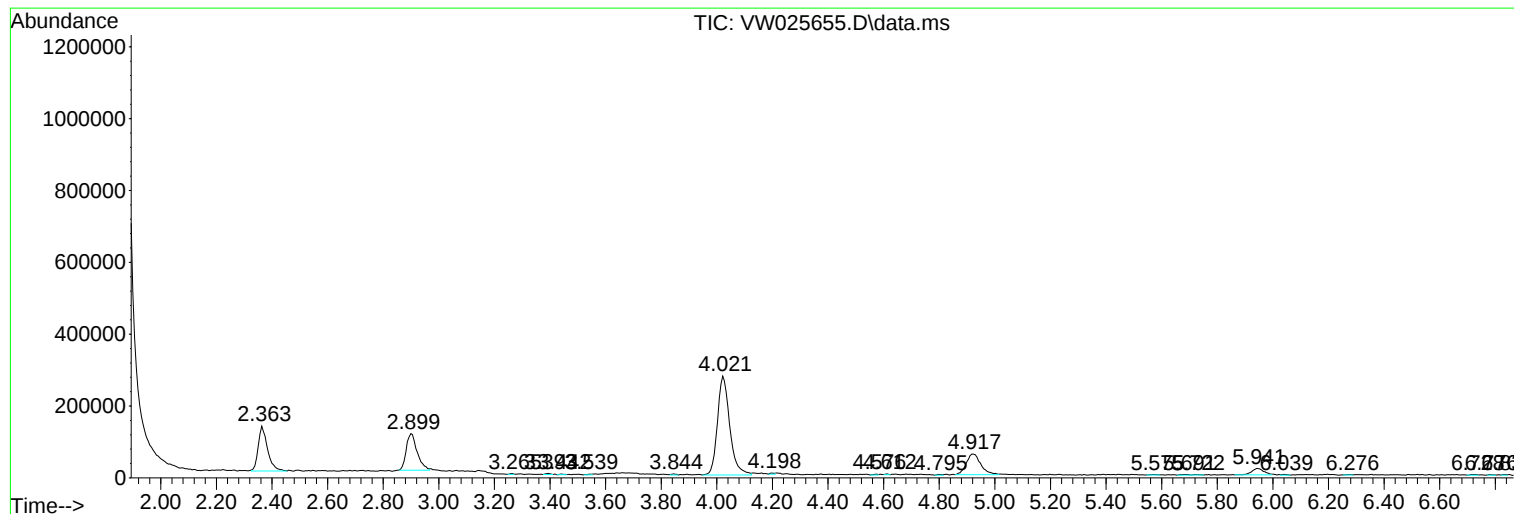
Sum of corrected areas: 19010789

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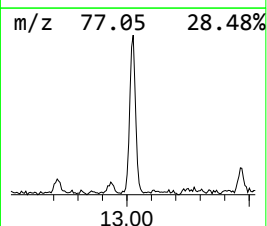
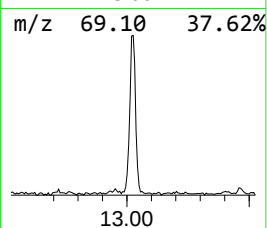
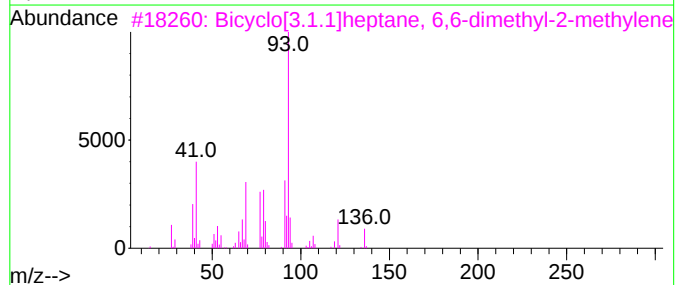
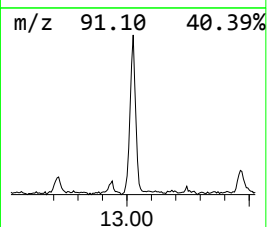
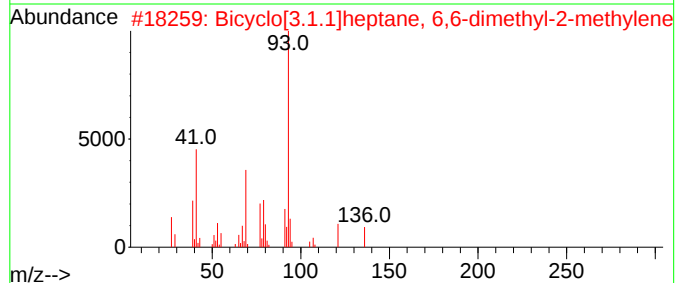
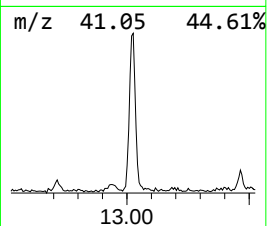
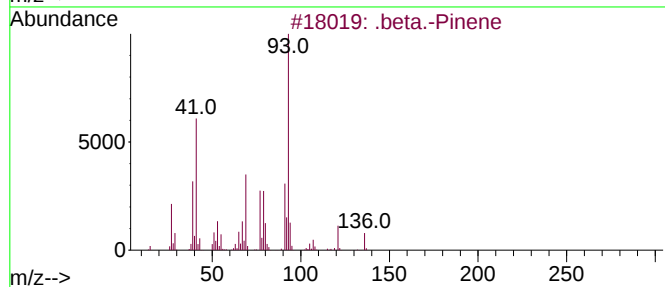
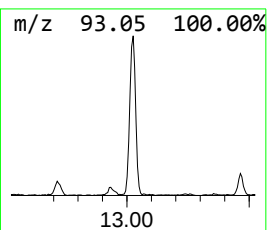
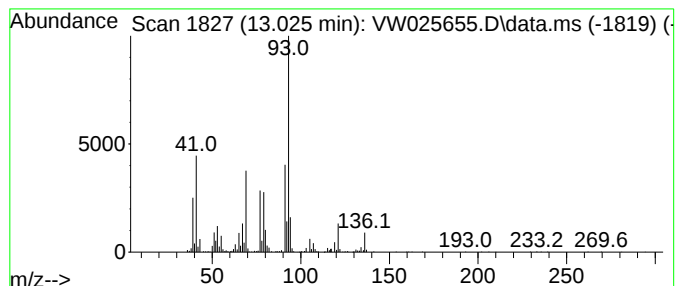
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	4.49 ug/L	260338	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Pinene	136	C10H16	000127-91-3	95	
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95		
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94		
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91		
5	.	beta.-Pinene	136	C10H16	000127-91-3	91	



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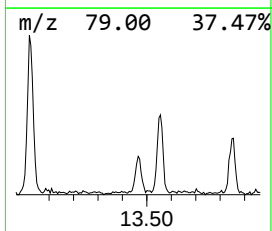
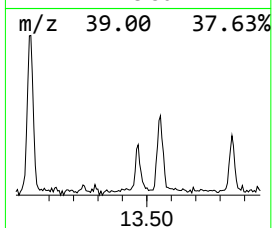
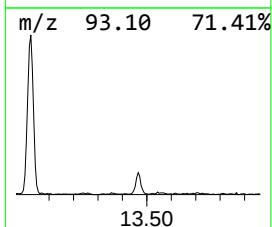
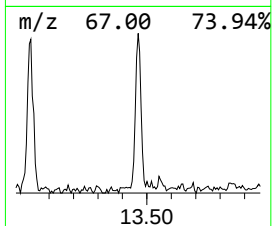
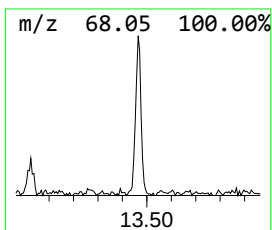
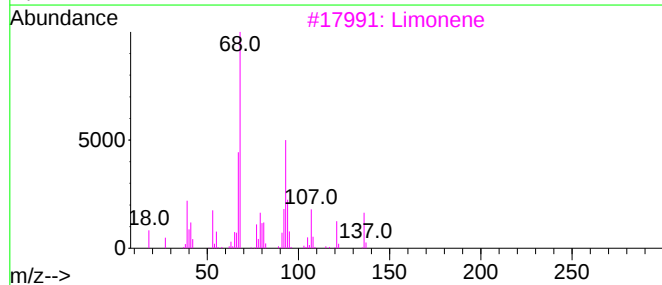
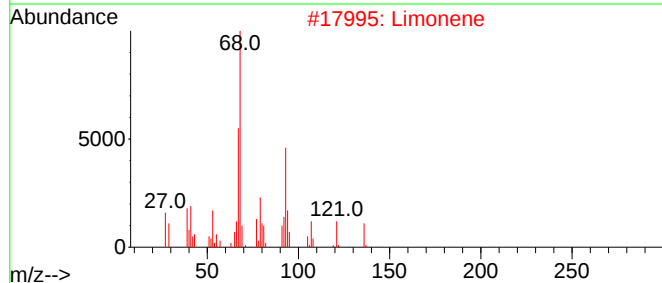
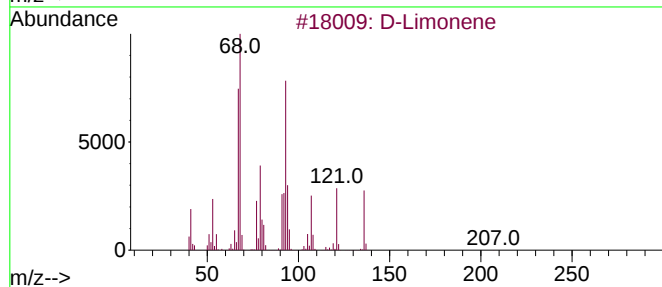
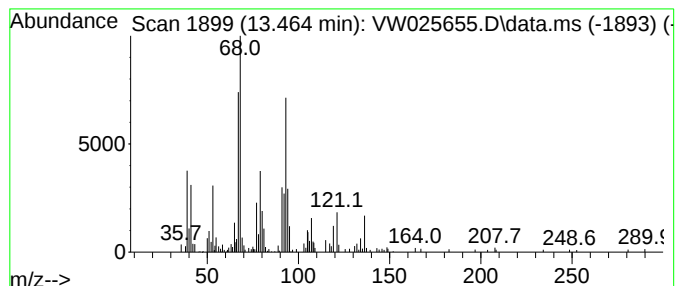
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	1.30 ug/L	75372	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	83
3	Limonene			136	C10H16	000138-86-3	81
4	D-Limonene			136	C10H16	005989-27-5	81
5	D-Limonene			136	C10H16	005989-27-5	76



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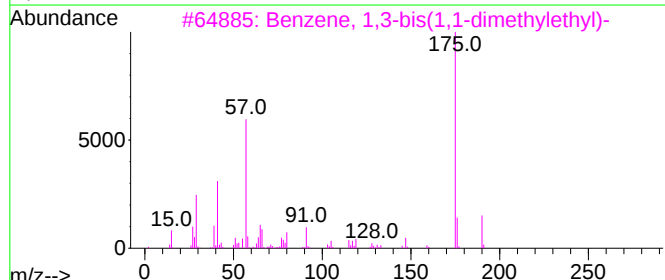
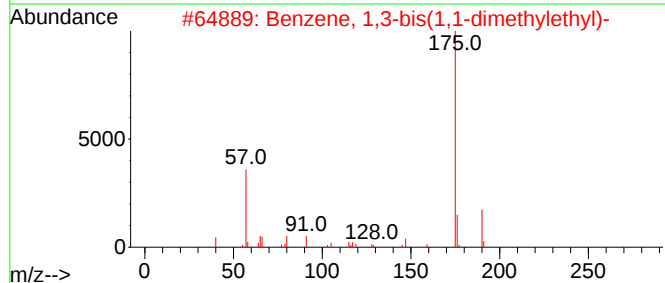
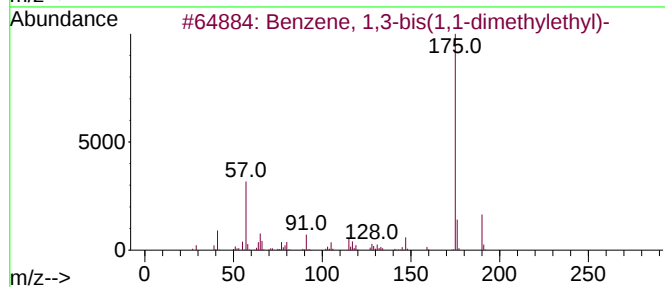
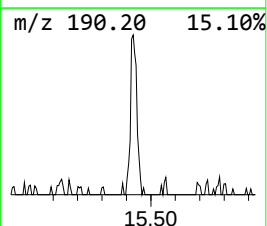
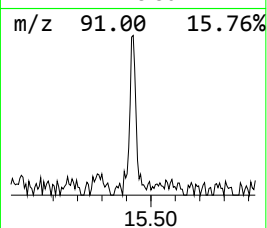
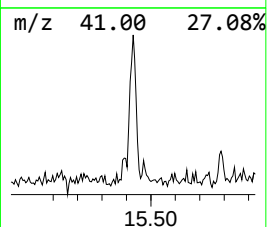
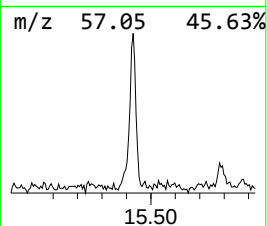
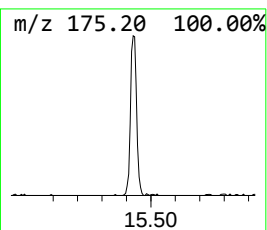
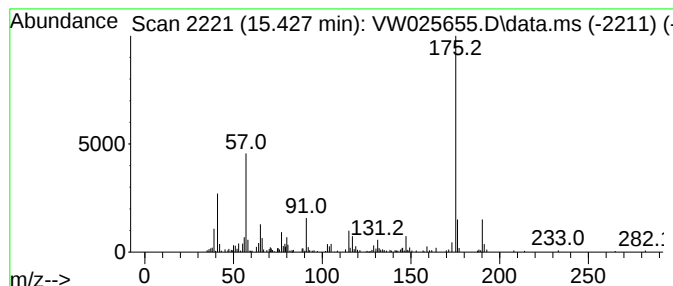
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Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	1.33 ug/L	77330	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	90
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
Data File : VW025655.D
Acq On : 24 Apr 2023 13:21
Operator : SY/MD
Sample : 02417-23
Misc : 5.12g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW906

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
.beta.-Pinene	13.025	4.5	ug/L	260338	3	13.556	1450900	25.0
D-Limonene	13.464	1.3	ug/L	75372	3	13.556	1450900	25.0
Benzene, 1,3-bi...	15.427	1.3	ug/L	77330	3	13.556	1450900	25.0