

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020111.D
 Acq On : 21 Sep 2021 23:03
 Operator : SY/VA
 Sample : M3837-06
 Misc : 5.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T6

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	37	40	49	rBV2	5899	16164	1.28%	0.189%
2	2.361	69	75	91	rVB	118110	231870	18.42%	2.714%
3	2.897	156	163	178	rVB	82231	201252	15.99%	2.356%
4	3.385	238	243	244	rBV3	1015	1362	0.11%	0.016%
5	3.458	253	255	256	rBV	266	222	0.02%	0.003%
6	3.684	291	292	293	rBV	424	193	0.02%	0.002%
7	3.757	301	304	306	rBV2	204	271	0.02%	0.003%
8	3.867	321	322	325	rBV2	253	223	0.02%	0.003%
9	4.025	336	348	361	rBV2	141196	430039	34.16%	5.034%
10	4.385	400	407	420	rVV3	5138	15715	1.25%	0.184%
11	4.470	420	421	423	rVV2	262	197	0.02%	0.002%
12	4.513	426	428	429	rBV2	284	201	0.02%	0.002%
13	4.684	454	456	458	rBV2	182	205	0.02%	0.002%
14	4.830	476	480	483	rBV	245	325	0.03%	0.004%
15	4.921	483	495	512	rVV2	47169	165358	13.13%	1.936%
16	5.123	521	528	539	rVB3	3470	11644	0.92%	0.136%
17	5.495	585	589	591	rBV	219	320	0.03%	0.004%
18	5.769	630	634	636	rVB3	369	564	0.04%	0.007%
19	5.952	653	664	672	rBV4	4920	14448	1.15%	0.169%
20	6.190	700	703	706	rBV	217	275	0.02%	0.003%
21	6.305	719	722	726	rVB2	215	306	0.02%	0.004%
22	6.555	759	763	765	rBV2	146	195	0.02%	0.002%
23	6.720	789	790	794	rVV2	168	229	0.02%	0.003%
24	6.939	824	826	829	rBV2	144	209	0.02%	0.002%
25	6.994	834	835	839	rVB3	213	209	0.02%	0.002%
26	7.080	840	849	854	rBV	27059	77186	6.13%	0.904%
27	7.323	887	889	894	rVB3	369	572	0.05%	0.007%
28	7.476	909	914	916	rVB2	192	305	0.02%	0.004%
29	7.537	919	924	929	rVB4	420	874	0.07%	0.010%
30	7.653	932	943	958	rVB	221061	536730	42.63%	6.283%
31	7.762	958	961	963	rBV	163	199	0.02%	0.002%
32	7.897	980	983	988	rVB3	379	568	0.05%	0.007%
33	7.951	988	992	994	rBV3	377	561	0.04%	0.007%
34	8.281	1034	1046	1065	rBV2	425626	1259003	100.00%	14.738%
35	8.689	1110	1113	1115	rBV	383	350	0.03%	0.004%
36	8.848	1130	1139	1154	rBV	383767	761437	60.48%	8.913%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Title : SFAM01.0

37	9.037	1168	1170	1172	rBV2	413	534	0.04%	0.006%
38	9.274	1199	1209	1229	rVV	279337	572214	45.45%	6.698%
39	9.451	1235	1238	1239	rVB2	277	213	0.02%	0.002%
40	9.610	1263	1264	1268	rVB	189	187	0.01%	0.002%
41	9.658	1268	1272	1275	rBV3	257	383	0.03%	0.004%
42	9.719	1278	1282	1283	rBV2	214	196	0.02%	0.002%
43	9.890	1307	1310	1316	rVB3	449	857	0.07%	0.010%
44	9.939	1316	1318	1320	rBV2	270	273	0.02%	0.003%
45	10.036	1323	1334	1345	rBV	132256	238121	18.91%	2.787%
46	10.134	1345	1350	1355	rVB4	760	1447	0.11%	0.017%
47	10.213	1358	1363	1371	rVB3	1904	3361	0.27%	0.039%
48	10.323	1371	1381	1389	rBV	531098	938902	74.58%	10.991%
49	10.500	1409	1410	1413	rBV2	338	274	0.02%	0.003%
50	10.579	1415	1423	1431	rVV	86524	147238	11.69%	1.724%
51	10.707	1438	1444	1450	rVV	28321	48382	3.84%	0.566%
52	10.756	1450	1452	1456	rVB2	273	319	0.03%	0.004%
53	10.853	1462	1468	1473	rBV4	580	1070	0.08%	0.013%
54	10.926	1473	1480	1493	rBV	106901	187232	14.87%	2.192%
55	11.067	1497	1503	1508	rVB	12278	20872	1.66%	0.244%
56	11.170	1516	1520	1527	rVB2	1601	2654	0.21%	0.031%
57	11.439	1556	1564	1571	rVV2	17040	28286	2.25%	0.331%
58	11.530	1573	1579	1585	rVB3	2049	3768	0.30%	0.044%
59	11.634	1588	1596	1608	rBV	477791	802386	63.73%	9.393%
60	11.847	1623	1631	1637	rBV4	3910	10705	0.85%	0.125%
61	12.048	1660	1664	1665	rBV	276	249	0.02%	0.003%
62	12.085	1665	1670	1672	rVB2	229	333	0.03%	0.004%
63	12.115	1672	1675	1679	rBV2	268	378	0.03%	0.004%
64	12.170	1679	1684	1688	rVB3	932	1350	0.11%	0.016%
65	12.219	1688	1692	1697	rBV2	231	402	0.03%	0.005%
66	12.469	1726	1733	1738	rVV2	5480	8848	0.70%	0.104%
67	12.609	1749	1756	1763	rVB	69408	115210	9.15%	1.349%
68	12.694	1763	1770	1779	rBV	175043	294421	23.39%	3.446%
69	12.755	1779	1780	1784	rVB3	933	1007	0.08%	0.012%
70	12.957	1805	1813	1819	rVV3	14882	32467	2.58%	0.380%
71	13.024	1819	1824	1830	rBV2	18208	31396	2.49%	0.368%
72	13.158	1842	1846	1848	rBV3	728	964	0.08%	0.011%
73	13.213	1848	1855	1859	rBV3	9046	15781	1.25%	0.185%
74	13.292	1864	1868	1876	rVB2	9943	15949	1.27%	0.187%
75	13.377	1876	1882	1892	rBV	44784	75060	5.96%	0.879%
76	13.469	1892	1897	1901	rVV5	3663	6630	0.53%	0.078%

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Integration Parameters: LSCINT.P

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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 Title : SFAM01.0

77	13.554	1903	1911	1917	rVV	328240	553272	43.95%	6.476%
78	13.621	1917	1922	1930	rVV2	67717	117065	9.30%	1.370%
79	13.713	1933	1937	1940	rBV4	1181	1802	0.14%	0.021%
80	13.853	1953	1960	1967	rBV	293124	470815	37.40%	5.511%
81	13.999	1981	1984	1988	rBV3	730	997	0.08%	0.012%
82	14.066	1990	1995	2001	rVB	22795	36689	2.91%	0.429%
83	14.255	2024	2026	2027	rBV	251	199	0.02%	0.002%
84	14.273	2027	2029	2030	rBV2	327	200	0.02%	0.002%
85	14.304	2030	2034	2035	rBV2	1001	1033	0.08%	0.012%
86	14.420	2050	2053	2055	rBV3	249	294	0.02%	0.003%
87	14.560	2074	2076	2077	rBV	464	351	0.03%	0.004%
88	14.584	2078	2080	2085	rVV3	400	551	0.04%	0.006%
89	14.627	2085	2087	2089	rVV2	327	316	0.03%	0.004%
90	14.725	2096	2103	2108	rBV7	2464	4559	0.36%	0.053%
91	14.767	2108	2110	2112	rVB2	332	203	0.02%	0.002%
92	15.029	2151	2153	2155	rBV	307	217	0.02%	0.003%
93	15.255	2189	2190	2192	rBV2	289	194	0.02%	0.002%
94	15.432	2215	2219	2224	rVB2	4586	6884	0.55%	0.081%
95	15.487	2224	2228	2235	rVB2	2489	4272	0.34%	0.050%
96	15.651	2251	2255	2258	rBV3	607	774	0.06%	0.009%
97	15.682	2258	2260	2262	rBV	310	315	0.03%	0.004%
98	16.029	2314	2317	2319	rBV2	366	473	0.04%	0.006%
99	16.255	2351	2354	2356	rBV2	448	490	0.04%	0.006%
100	16.749	2429	2435	2437	rBV3	436	749	0.06%	0.009%

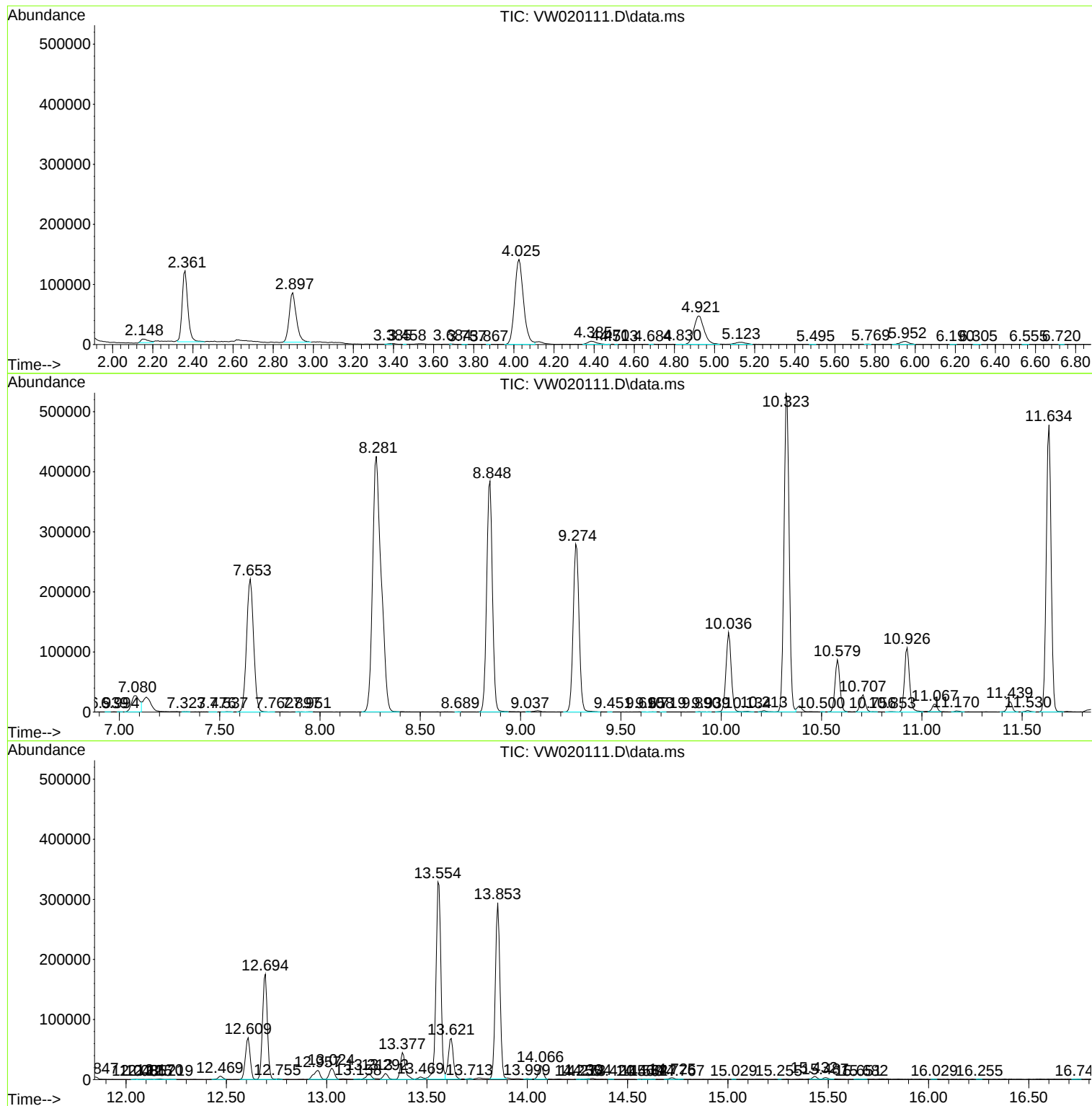
Sum of corrected areas: 8542814

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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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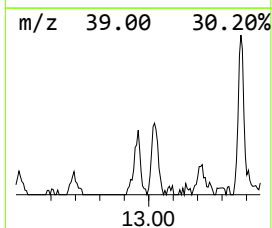
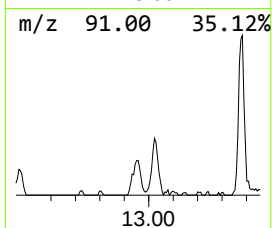
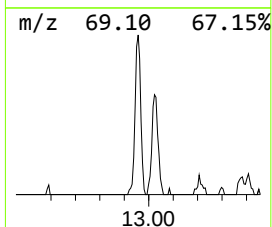
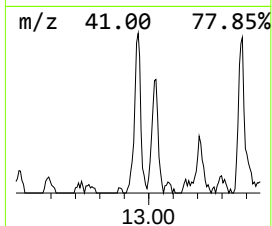
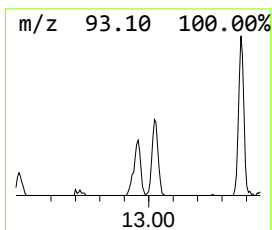
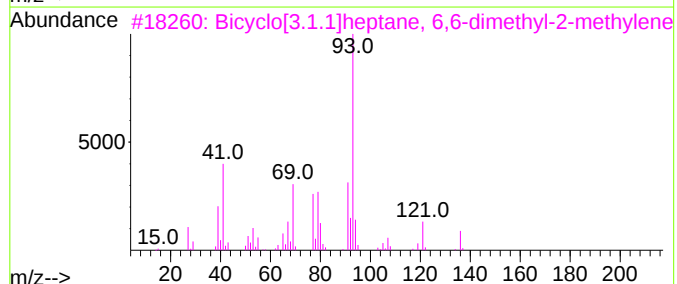
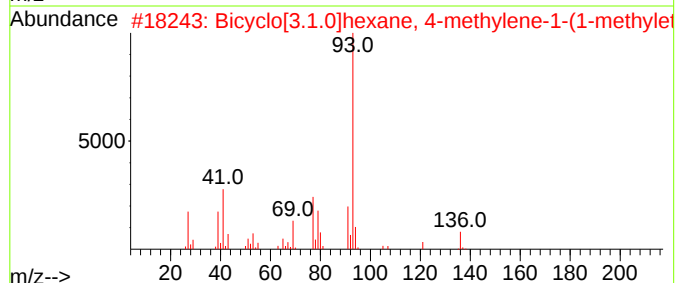
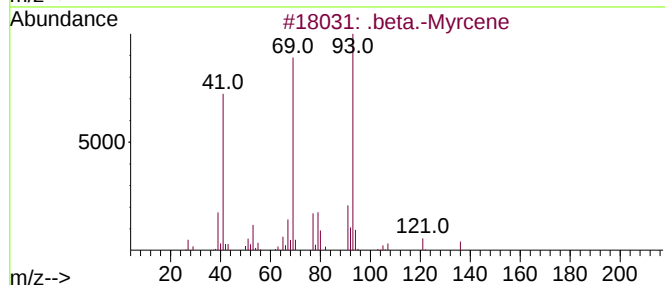
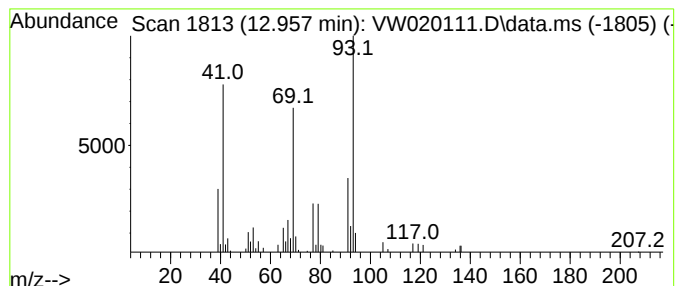
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .beta.-Myrcene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	1.47 ug/L	32467	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.beta.-Myrcene	136	C10H16	000123-35-3	87	
2	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86		
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	80		
4	.	.beta.-Myrcene	136	C10H16	000123-35-3	76	
5	.	.beta.-Pinene	136	C10H16	000127-91-3	72	



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Instrument :
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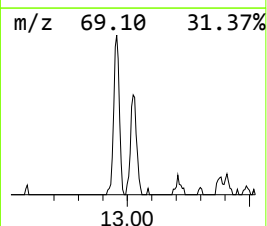
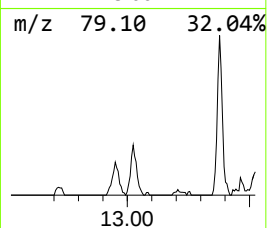
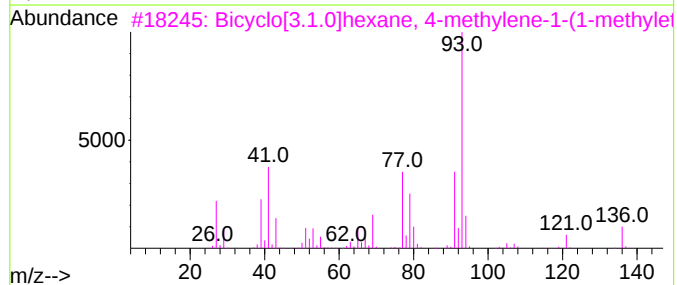
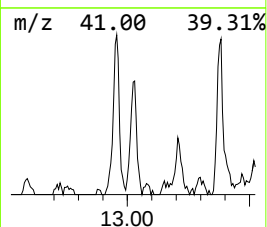
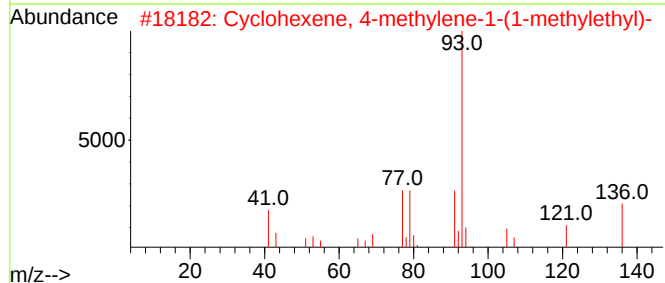
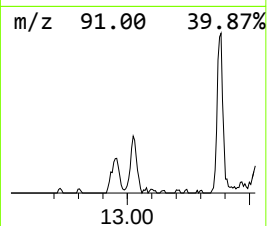
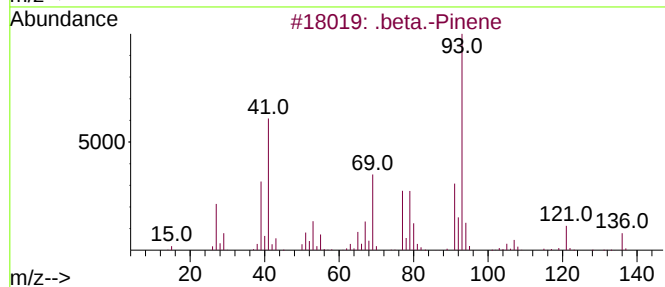
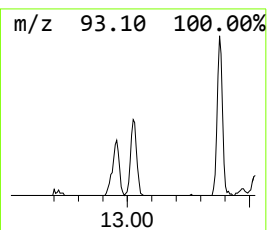
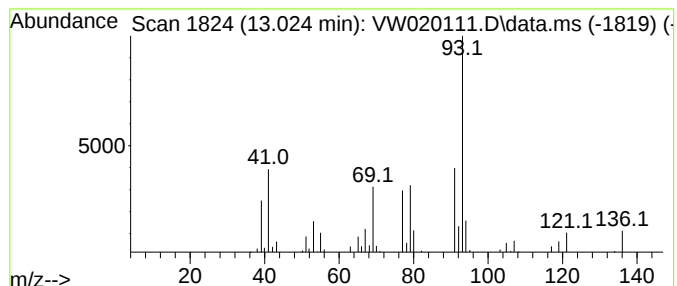
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 .beta.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	1.42 ug/L	31396	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	96
2			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
4			.beta.-Pinene	136	C10H16	000127-91-3	91
5			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91



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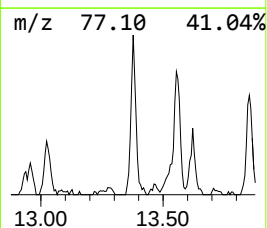
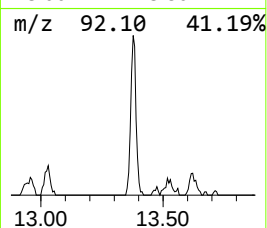
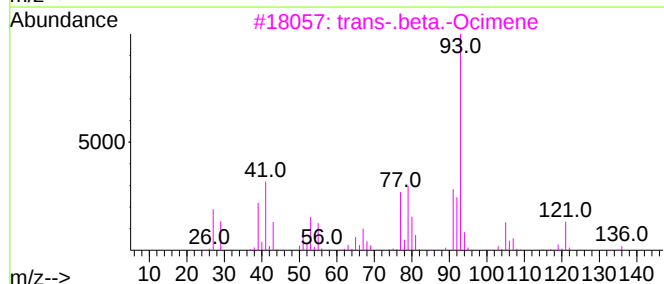
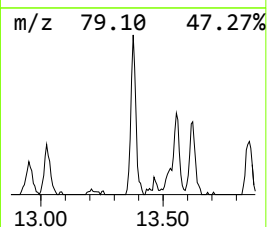
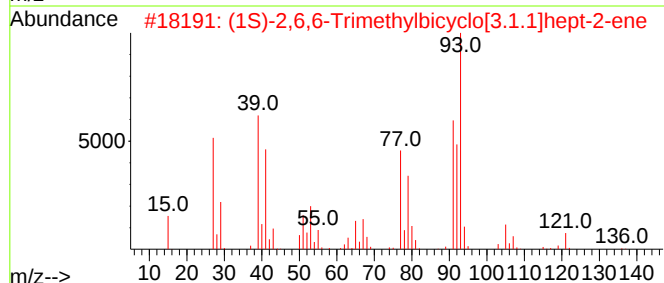
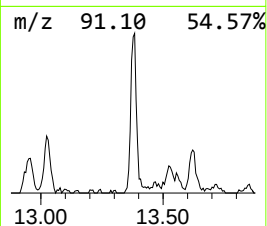
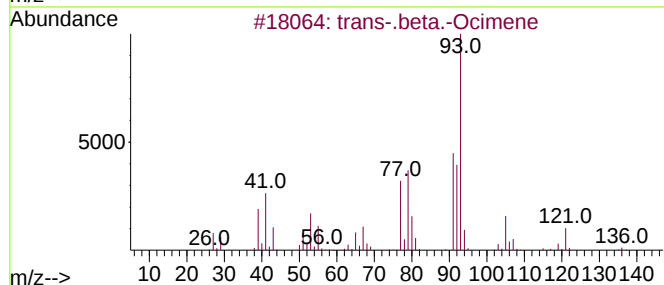
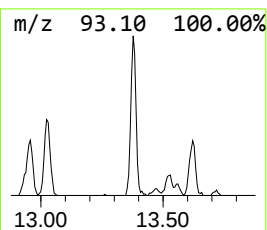
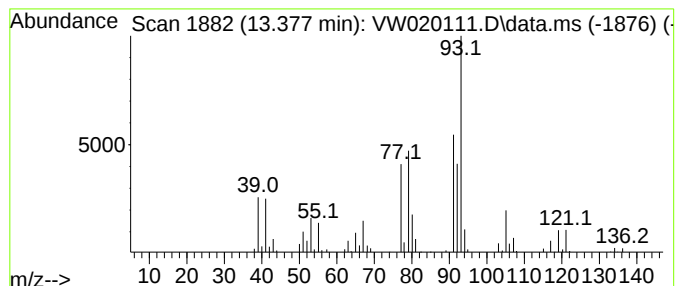
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 trans-.beta.-Ocimene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	3.39 ug/L	75060	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-.beta.-Ocimene	136	C10H16	003779-61-1	97
2			(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	64
3			trans-.beta.-Ocimene	136	C10H16	003779-61-1	64
4			3-Carene	136	C10H16	013466-78-9	64
5			.alpha.-Pinene	136	C10H16	000080-56-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020111.D
Acq On : 21 Sep 2021 23:03
Operator : SY/VA
Sample : M3837-06
Misc : 5.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T6

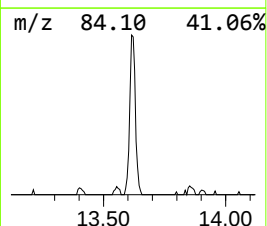
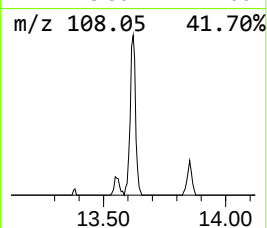
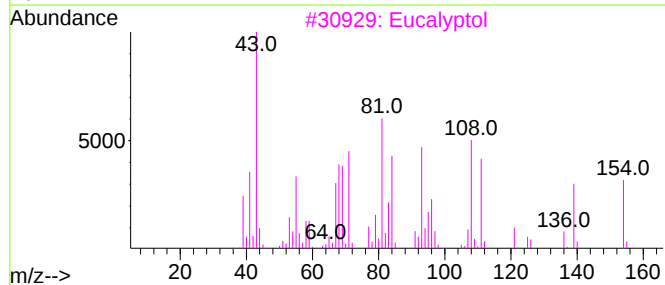
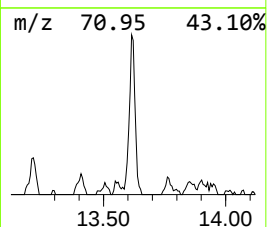
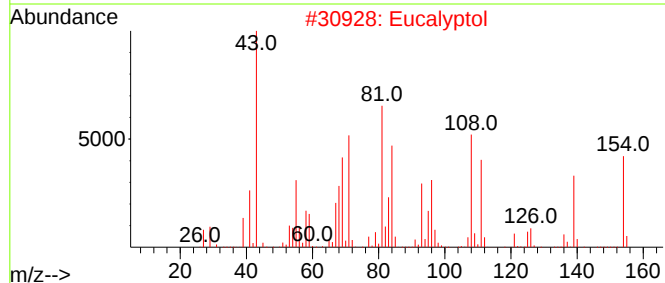
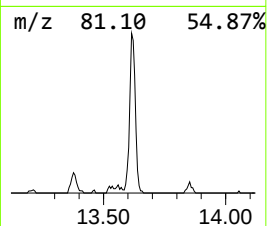
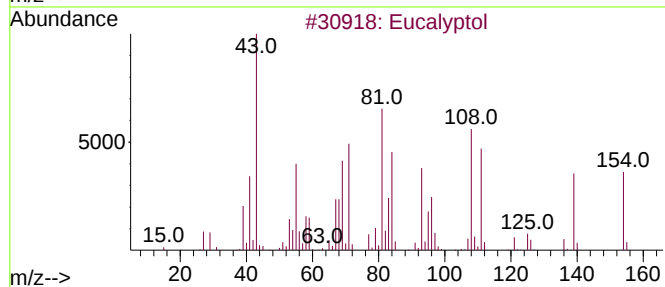
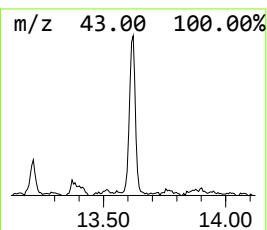
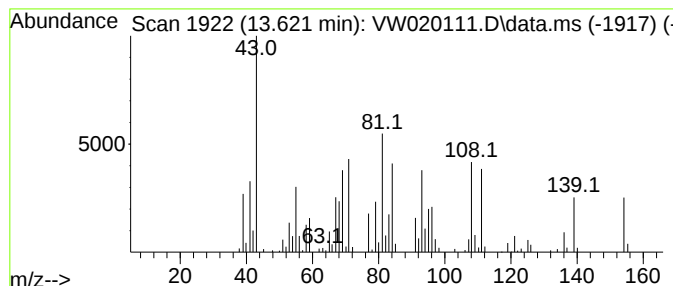
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Quant Title : SFAM01.0

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

Peak Number 7 Eucalyptol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	5.29 ug/L	117065	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	97
2			Eucalyptol	154	C10H18O	000470-82-6	95
3			Eucalyptol	154	C10H18O	000470-82-6	94
4			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	86
5			Eucalyptol	154	C10H18O	000470-82-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020111.D
Acq On : 21 Sep 2021 23:03
Operator : SY/VA
Sample : M3837-06
Misc : 5.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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.-Myrcene	12.957	1.5	ug/L	32467	3	13.560	553272	25.0
.beta.-Pinene	13.024	1.4	ug/L	31396	3	13.560	553272	25.0
trans-.beta.-Oc...	13.377	3.4	ug/L	75060	3	13.560	553272	25.0
Eucalyptol	13.621	5.3	ug/L	117065	3	13.560	553272	25.0